

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016632.D
 Acq On : 23 Sep 2020 15:37
 Operator : SY/VA
 Sample : L4109-13
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.367	68	76	88	rBV	108671	227892	0.84%	0.058%
2	2.903	156	164	182	rBV	78134	218768	0.81%	0.056%
3	4.031	336	349	363	rBV	192946	606398	2.23%	0.155%
4	4.970	479	503	536	rBV	482005	2016980	7.43%	0.516%
5	5.452	566	582	616	rBV	986479	3648091	13.44%	0.933%
6	5.952	649	664	682	rBV	2981832	8794164	32.40%	2.248%
7	6.726	776	791	807	rBV	255431	1019816	3.76%	0.261%
8	6.884	807	817	825	rVV	254410	840988	3.10%	0.215%
9	6.988	825	834	845	rVV	548880	1690962	6.23%	0.432%
10	7.153	855	861	887	rVV2	70948	261324	0.96%	0.067%
11	7.653	932	943	971	rBV	281315	755901	2.78%	0.193%
12	7.964	980	994	1002	rBV5	66743	238527	0.88%	0.061%
13	8.281	1034	1046	1062	rVV2	543643	1582796	5.83%	0.405%
14	8.848	1129	1139	1154	rBV	681289	1329927	4.90%	0.340%
15	9.280	1201	1210	1216	rBV	346078	718256	2.65%	0.184%
16	9.896	1300	1311	1317	rBV	77727	166802	0.61%	0.043%
17	10.036	1329	1334	1340	rVV	189079	342226	1.26%	0.087%
18	10.097	1340	1344	1357	rVB	96169	211418	0.78%	0.054%
19	10.250	1357	1369	1375	rBV	85071	174329	0.64%	0.045%
20	10.329	1375	1382	1387	rBV	834084	1513160	5.57%	0.387%
21	10.390	1387	1392	1399	rVV	265486	500904	1.85%	0.128%
22	10.506	1404	1411	1417	rVB3	112942	222579	0.82%	0.057%
23	10.585	1417	1424	1429	rBV	115573	212256	0.78%	0.054%
24	10.670	1432	1438	1441	rVV	98240	174809	0.64%	0.045%
25	10.768	1448	1454	1463	rVB3	78934	162740	0.60%	0.042%
26	10.932	1473	1481	1488	rBV2	167035	327024	1.20%	0.084%
27	11.182	1514	1522	1526	rVB	107198	180177	0.66%	0.046%
28	11.231	1526	1530	1536	rVB	119928	199481	0.73%	0.051%
29	11.414	1552	1560	1561	rBV2	66119	124501	0.46%	0.032%
30	11.512	1571	1576	1581	rBV	77444	128896	0.47%	0.033%
31	11.634	1587	1596	1604	rBV	762736	1308205	4.82%	0.334%
32	11.731	1605	1612	1621	rVV	444710	800407	2.95%	0.205%
33	11.835	1621	1629	1640	rVV	2329542	4715418	17.37%	1.205%
34	11.920	1640	1643	1648	rVB2	102535	160804	0.59%	0.041%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016632.D
 Acq On : 23 Sep 2020 15:37
 Operator : SY/VA
 Sample : L4109-13
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Title : VOC Analysis

35	12.060	1659	1666	1671	rVB4	67382	142306	0.52%	0.036%
36	12.164	1671	1683	1691	rBV	1482774	3024622	11.14%	0.773%
37	12.255	1691	1698	1702	rVB	339066	570183	2.10%	0.146%
38	12.341	1702	1712	1713	rBV5	237289	521946	1.92%	0.133%
39	12.463	1727	1732	1736	rBV3	210754	406852	1.50%	0.104%
40	12.511	1737	1740	1742	rVV3	153870	263445	0.97%	0.067%
41	12.542	1742	1745	1747	rVV2	279730	396506	1.46%	0.101%
42	12.566	1747	1749	1753	rVB2	214761	270451	1.00%	0.069%
43	12.652	1760	1763	1766	rVB	181530	196259	0.72%	0.050%
44	12.694	1766	1770	1776	rBV	257356	388458	1.43%	0.099%
45	12.804	1776	1788	1793	rVB	879791	1902851	7.01%	0.486%
46	12.865	1793	1798	1802	rBV	3074511	5223705	19.25%	1.335%
47	12.902	1802	1804	1806	rVV	1449405	1840980	6.78%	0.471%
48	12.938	1806	1810	1816	rVB3	3968232	7358405	27.11%	1.881%
49	12.993	1816	1819	1822	rVB4	153505	162053	0.60%	0.041%
50	13.036	1822	1826	1830	rVB	1434375	1944166	7.16%	0.497%
51	13.103	1830	1837	1844	rBV	1466972	3030180	11.16%	0.775%
52	13.164	1844	1847	1854	rVB	977376	1415405	5.21%	0.362%
53	13.255	1855	1862	1867	rBV	8069576	12735736	46.92%	3.256%
54	13.383	1873	1883	1887	rBV4	563813	1668550	6.15%	0.427%
55	13.444	1887	1893	1897	rVV2	1632186	2914251	10.74%	0.745%
56	13.493	1897	1901	1908	rVV3	1043582	2424377	8.93%	0.620%
57	13.584	1908	1916	1921	rVV	3982546	7945683	29.27%	2.031%
58	13.627	1921	1923	1930	rVB2	700612	939339	3.46%	0.240%
59	13.719	1931	1938	1940	rBV	2503359	4051663	14.93%	1.036%
60	13.749	1940	1943	1946	rVV	6642115	10304905	37.97%	2.634%
61	13.792	1946	1950	1959	rVV2	9992069	20076117	73.97%	5.132%
62	13.877	1959	1964	1969	rVV2	6040423	9234850	34.02%	2.361%
63	13.950	1969	1976	1981	rVV	3628190	5932602	21.86%	1.517%
64	14.011	1981	1986	1988	rVV	7515885	11083044	40.83%	2.833%
65	14.042	1988	1991	1996	rVV	8602159	13289896	48.96%	3.397%
66	14.097	1996	2000	2009	rVV	15138024	23402440	86.22%	5.982%
67	14.206	2012	2018	2023	rVB2	3999621	6728885	24.79%	1.720%
68	14.255	2023	2026	2034	rVB5	761810	2063866	7.60%	0.528%
69	14.340	2034	2040	2045	rBV	5020921	8309822	30.62%	2.124%
70	14.420	2045	2053	2056	rVV	12543456	22228692	81.90%	5.682%
71	14.462	2056	2060	2064	rVV	17096847	27142119	100.00%	6.938%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016632.D
 Acq On : 23 Sep 2020 15:37
 Operator : SY/VA
 Sample : L4109-13
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Title : VOC Analysis

72	14.499	2064	2066	2070	rVV	3877315	5307322	19.55%	1.357%
73	14.542	2070	2073	2081	rVV2	2324569	3979842	14.66%	1.017%
74	14.603	2081	2083	2086	rVV2	339511	447071	1.65%	0.114%
75	14.645	2086	2090	2093	rVV	1269641	1718598	6.33%	0.439%
76	14.688	2093	2097	2100	rVV2	4526276	7194363	26.51%	1.839%
77	14.725	2100	2103	2109	rVB2	7198735	11370930	41.89%	2.907%
78	14.798	2109	2115	2121	rBV2	11147143	25745627	94.85%	6.581%
79	14.859	2121	2125	2130	rVB2	3265798	5644486	20.80%	1.443%
80	14.962	2138	2142	2150	rBV2	734946	2017825	7.43%	0.516%
81	15.066	2154	2159	2170	rVV2	5226727	12767342	47.04%	3.264%
82	15.170	2171	2176	2185	rVB2	3196211	6305692	23.23%	1.612%
83	15.249	2185	2189	2196	rVB6	842383	1854975	6.83%	0.474%
84	15.328	2196	2202	2204	rBV2	1696010	2920336	10.76%	0.747%
85	15.371	2204	2209	2214	rVB	3568598	6195837	22.83%	1.584%
86	15.419	2214	2217	2221	rBV	495544	694005	2.56%	0.177%
87	15.474	2221	2226	2230	rBV2	1245488	2110001	7.77%	0.539%
88	15.554	2235	2239	2248	rVB	4077136	6903054	25.43%	1.765%
89	15.657	2248	2256	2263	rBV	1911159	4154589	15.31%	1.062%
90	15.730	2264	2268	2273	rVB4	428256	688395	2.54%	0.176%
91	15.828	2278	2284	2286	rVV2	809088	1611014	5.94%	0.412%
92	15.865	2286	2290	2297	rVB	1576680	2887924	10.64%	0.738%
93	15.950	2299	2304	2309	rBV	788282	1328202	4.89%	0.340%
94	16.029	2310	2317	2323	rBV4	526023	1350334	4.98%	0.345%
95	16.175	2331	2341	2346	rBV3	897651	2515437	9.27%	0.643%
96	16.285	2355	2359	2365	rVB	478656	806639	2.97%	0.206%
97	16.377	2368	2374	2379	rVV2	879150	1924987	7.09%	0.492%
98	16.444	2379	2385	2390	rVV	3064698	6458211	23.79%	1.651%
99	16.499	2390	2394	2399	rVB	1602331	2776540	10.23%	0.710%
100	16.645	2410	2418	2432	rVB	1609262	4391229	16.18%	1.123%

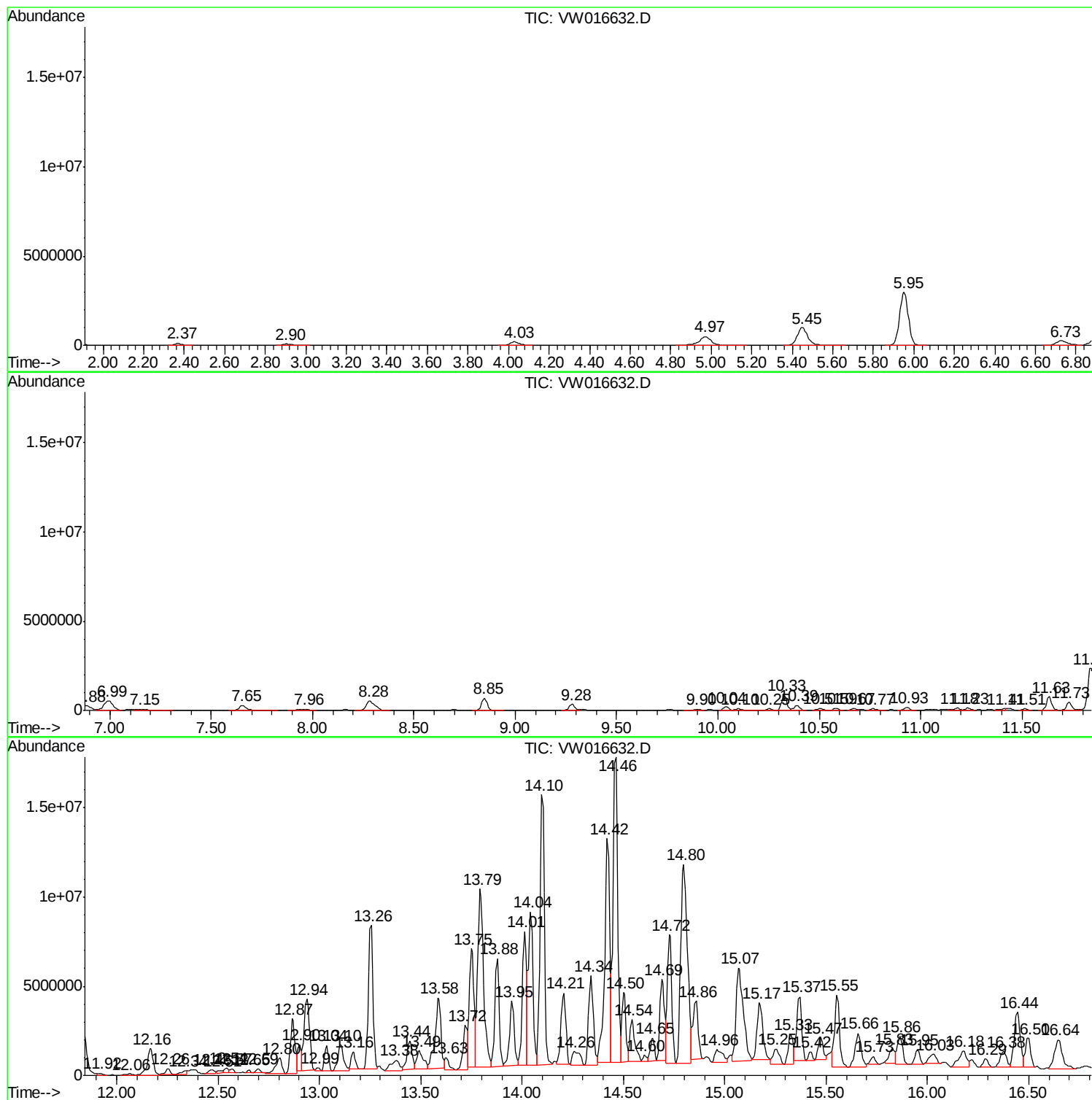
Sum of corrected areas: 391183343

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

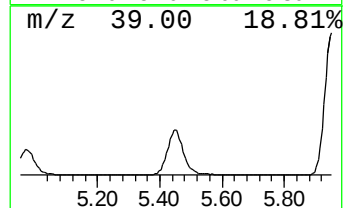
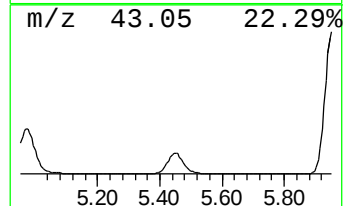
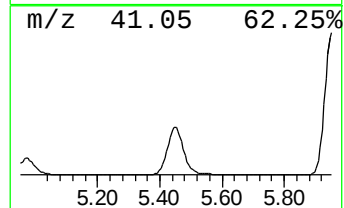
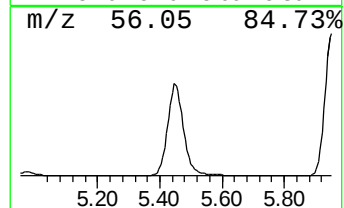
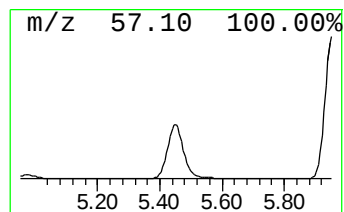
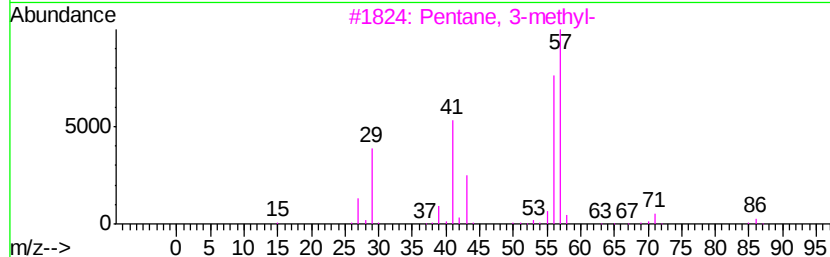
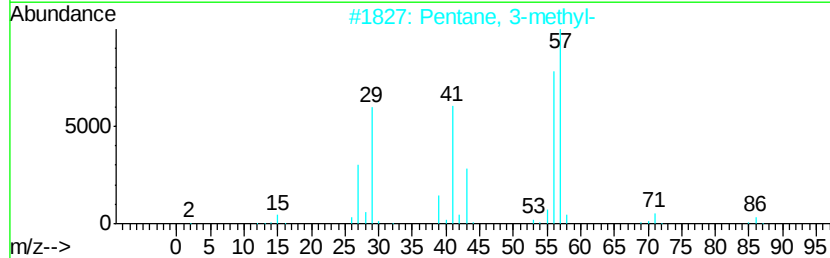
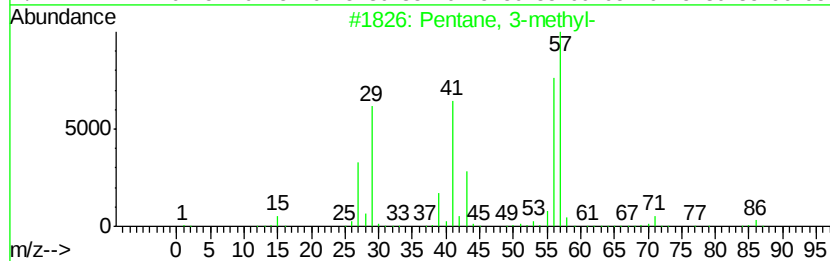
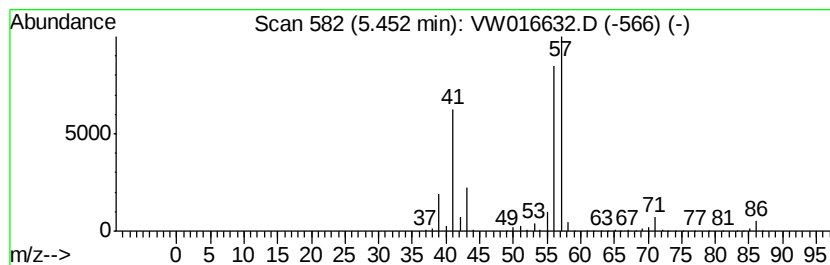
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	68.58 ug/L	3648090	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

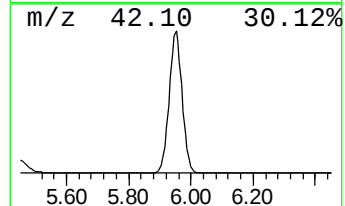
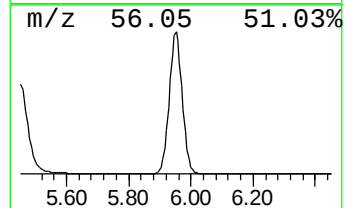
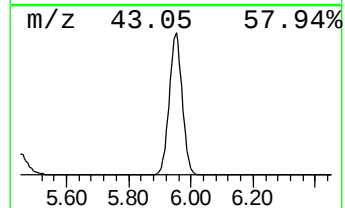
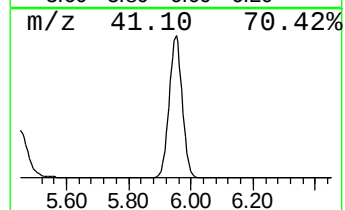
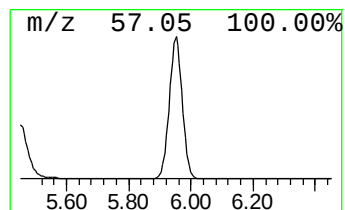
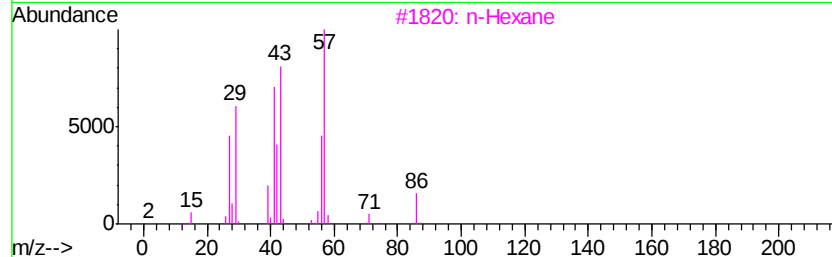
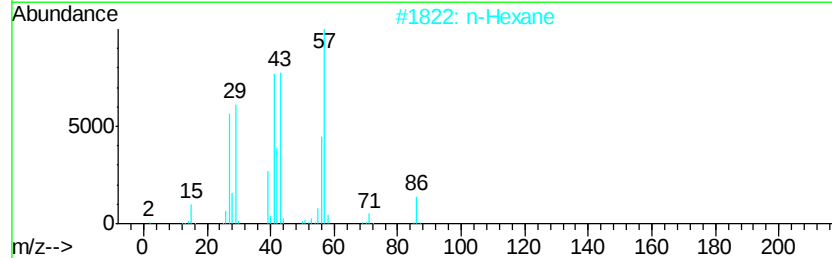
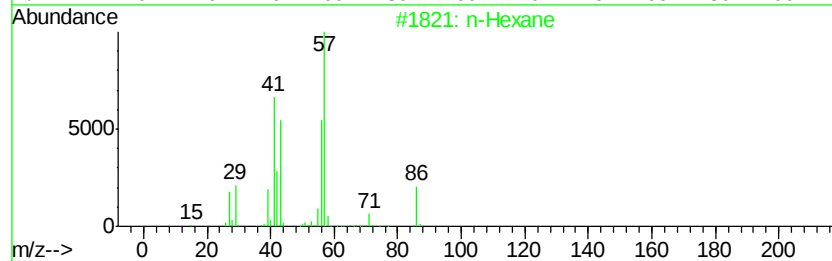
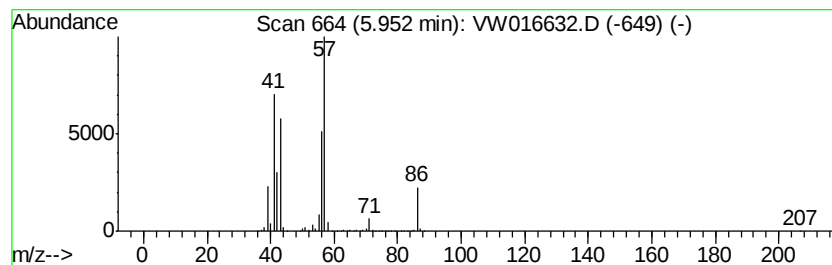
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	165.31 ug/L	8794160	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	78
3		n-Hexane	86	C6H14	000110-54-3	78
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

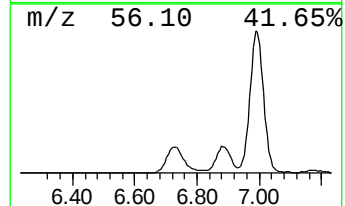
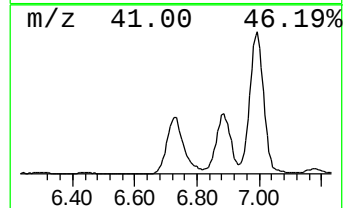
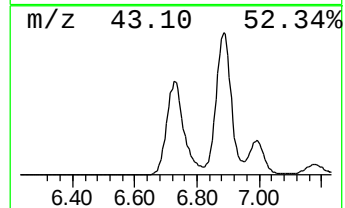
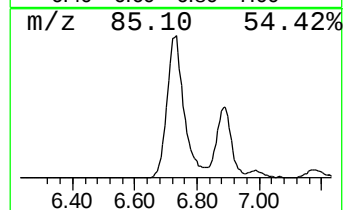
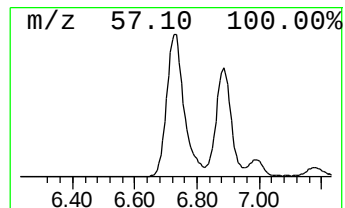
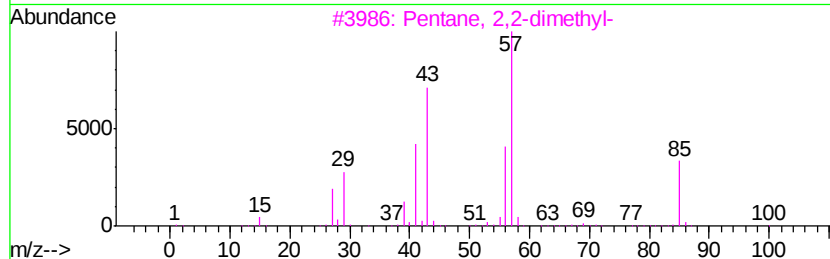
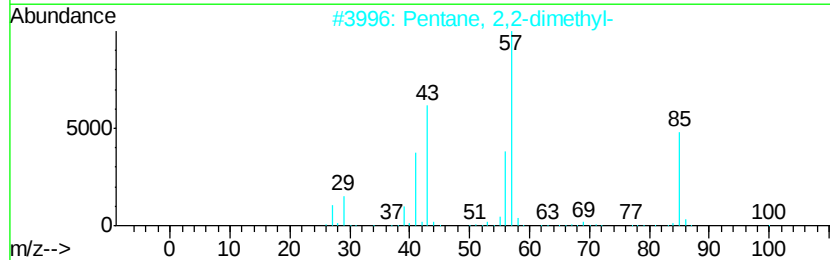
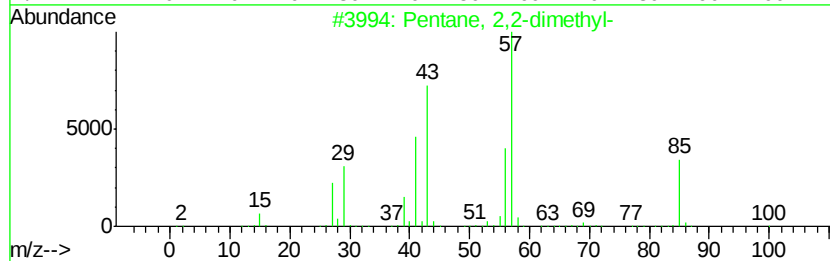
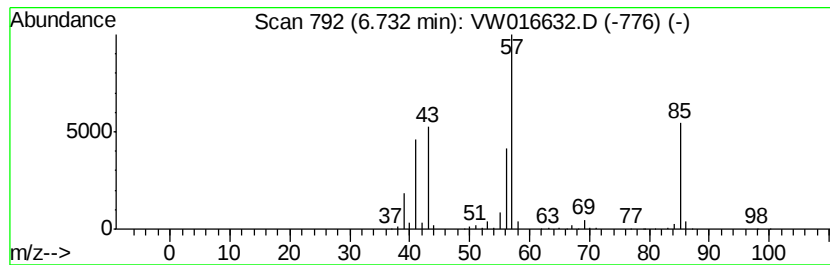
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	19.17 ug/L	1019820	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

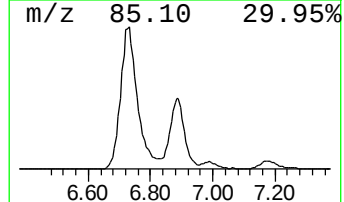
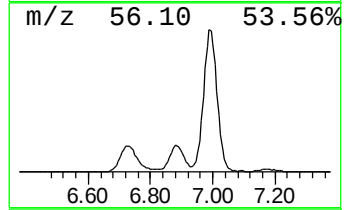
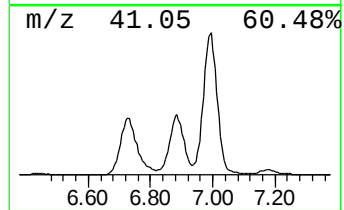
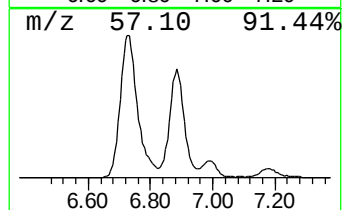
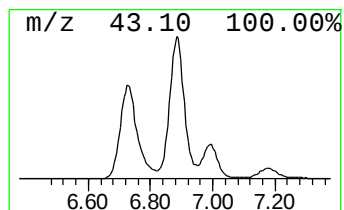
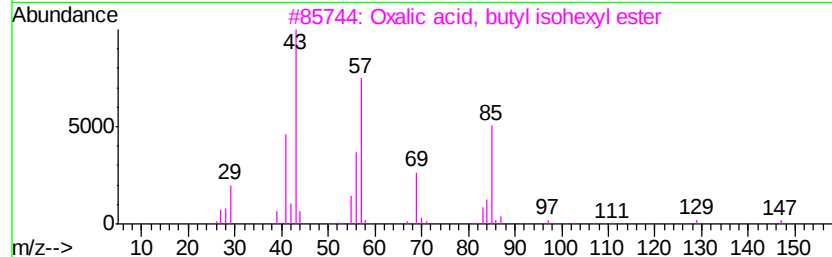
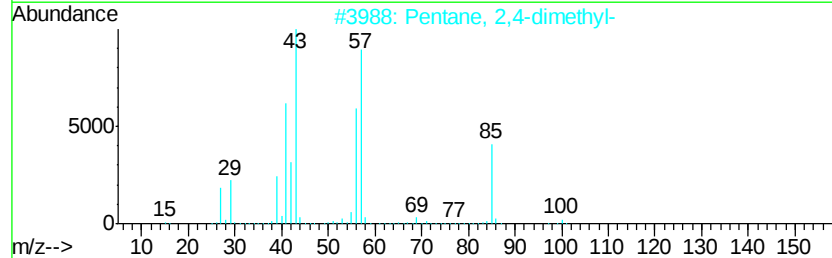
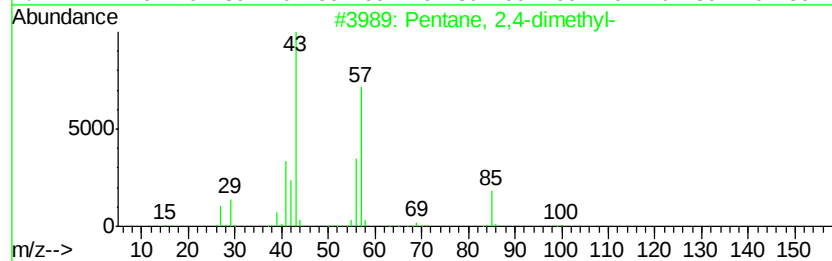
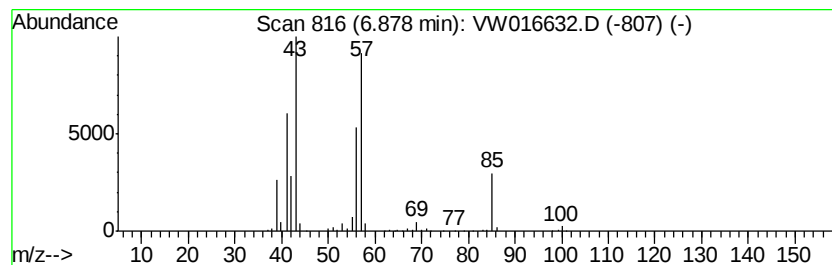
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	15.81 ug/L	840988	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

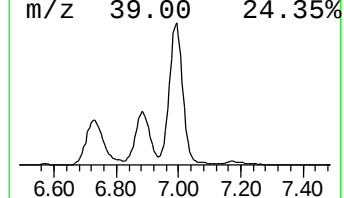
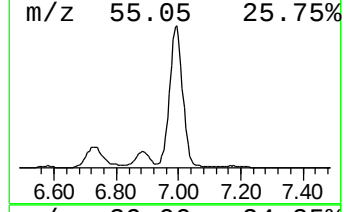
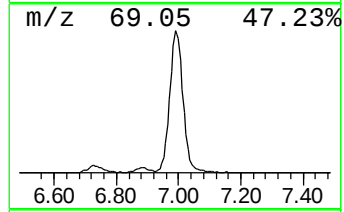
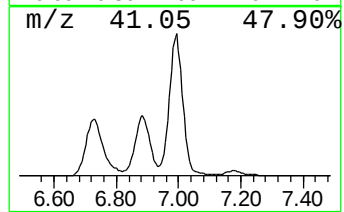
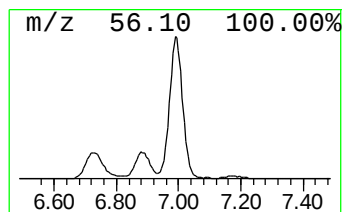
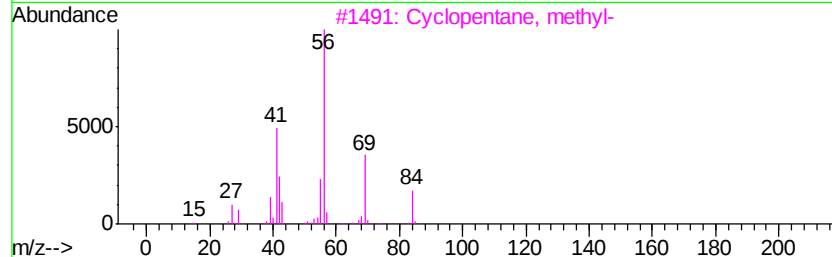
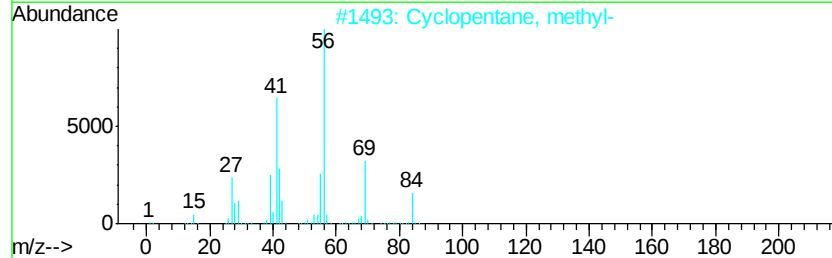
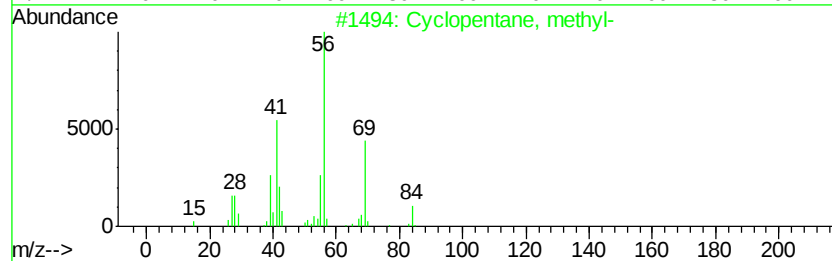
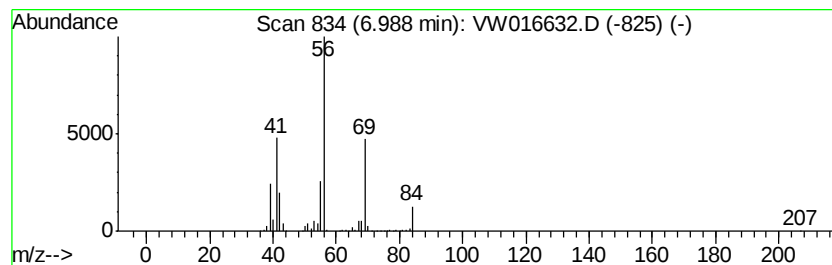
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic6.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	31.79 ug/L	1690960	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

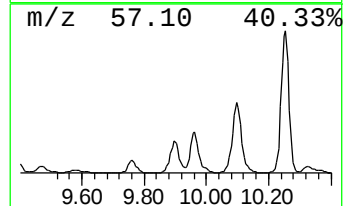
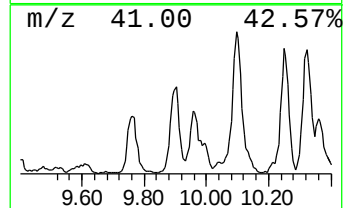
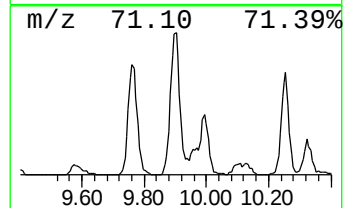
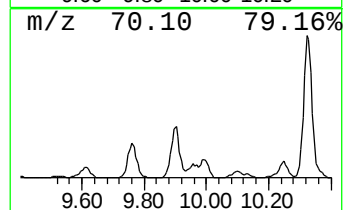
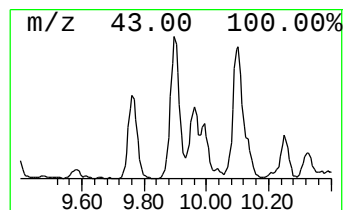
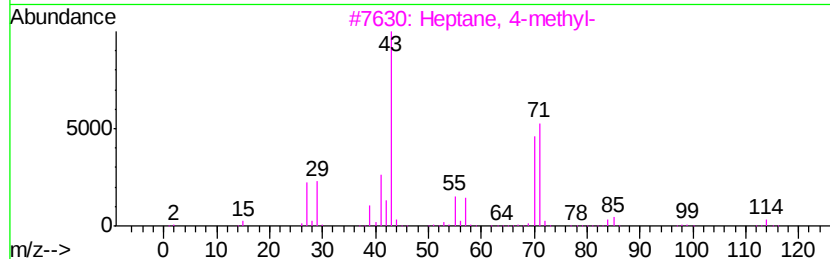
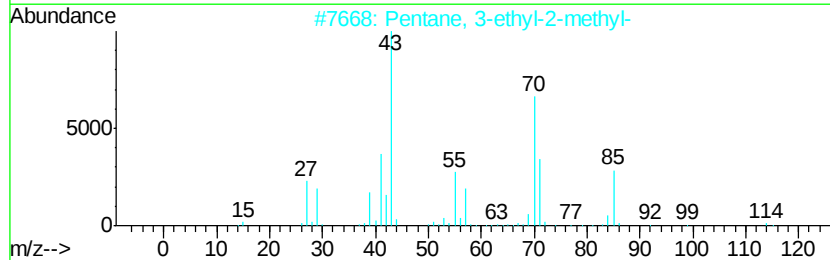
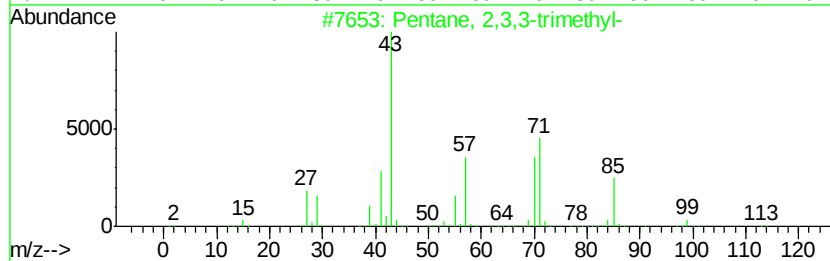
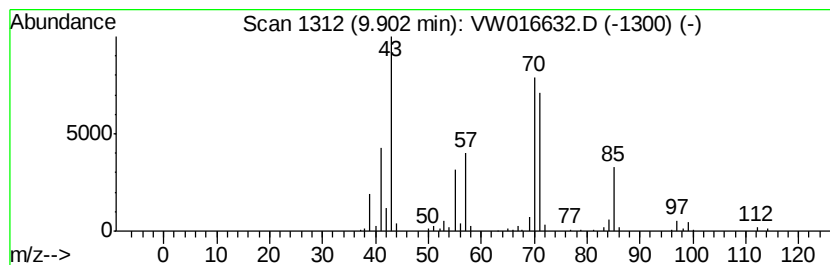
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.14 ug/L	166802	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	68
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

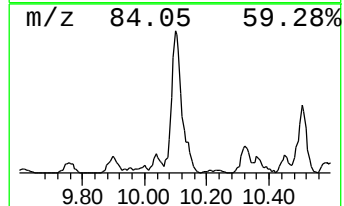
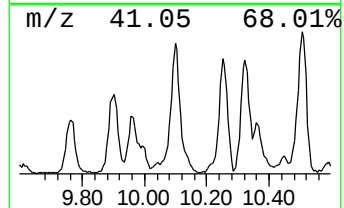
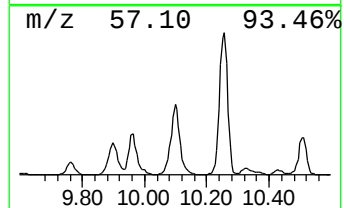
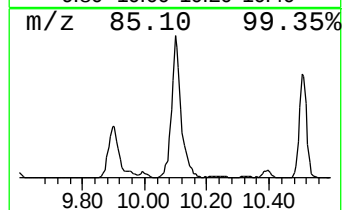
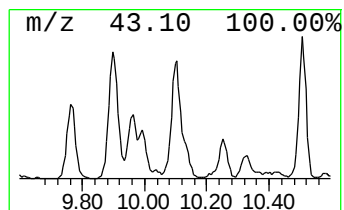
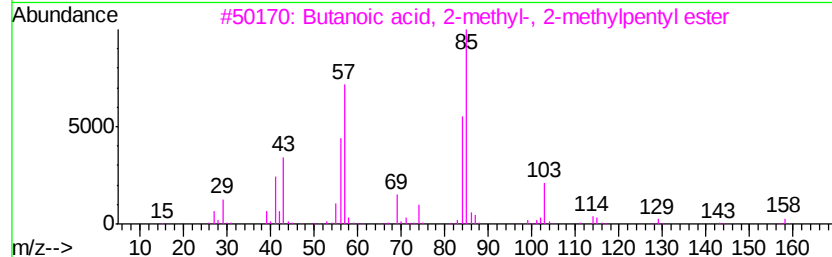
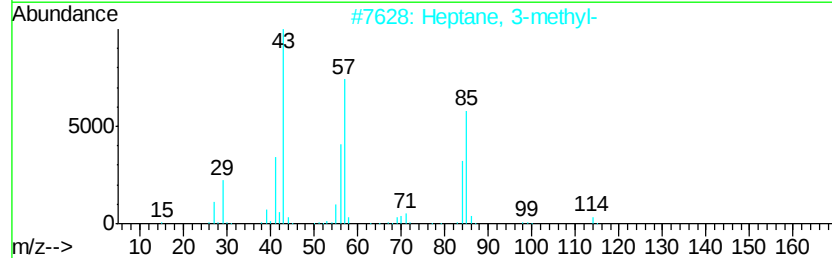
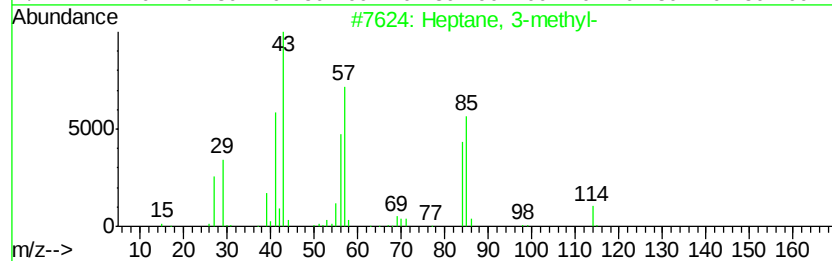
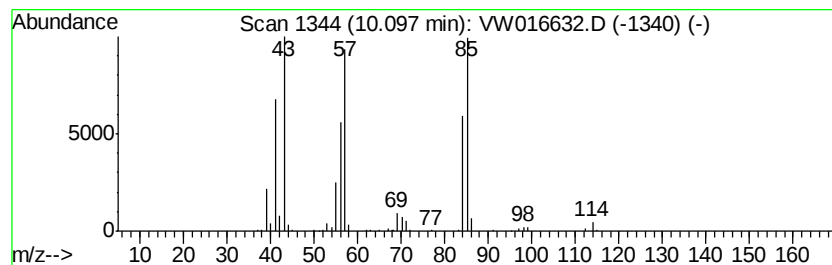
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.97 ug/L	211418	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	83
3		Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	64
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

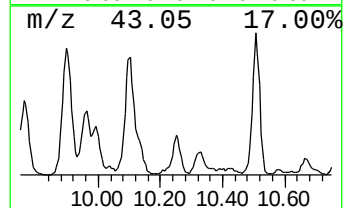
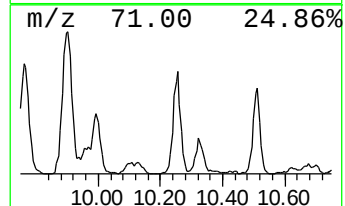
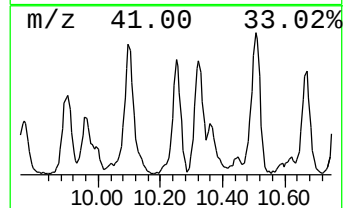
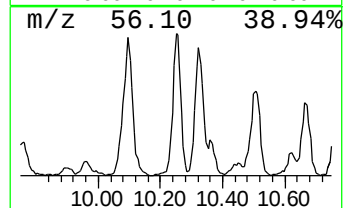
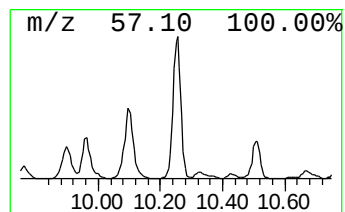
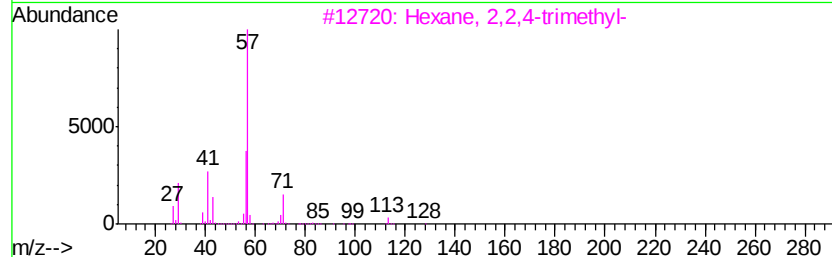
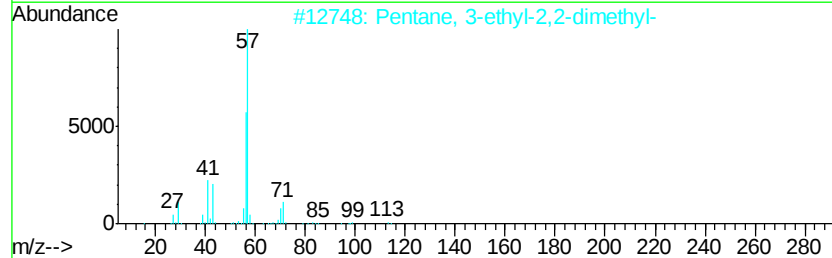
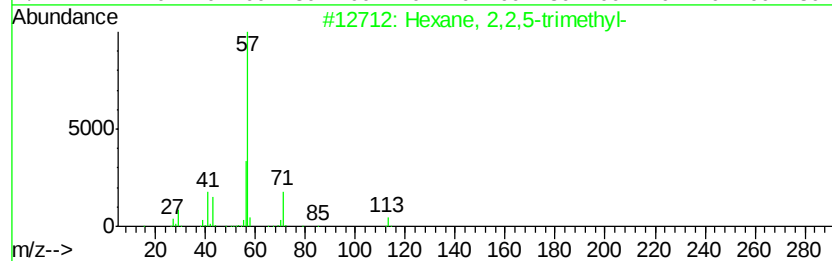
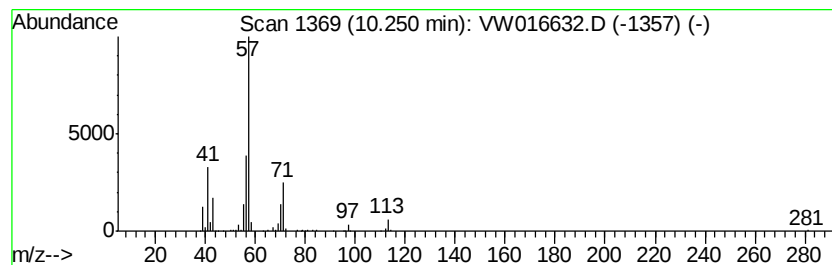
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.33 ug/L	174329	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

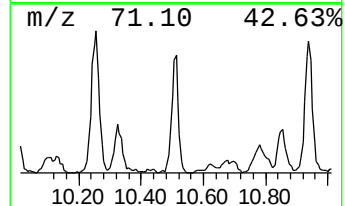
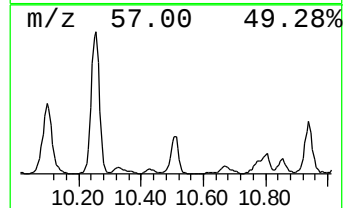
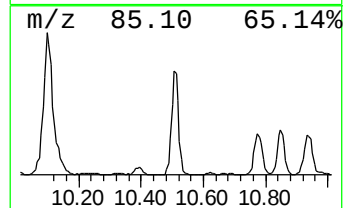
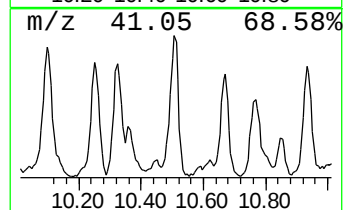
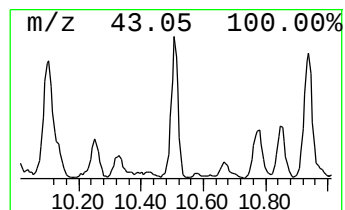
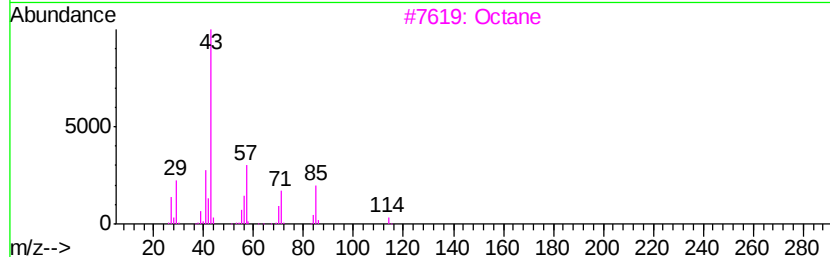
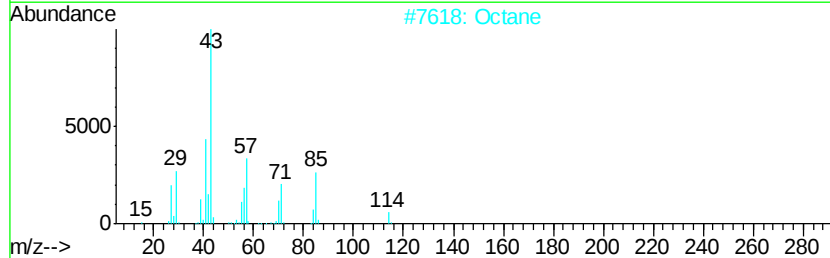
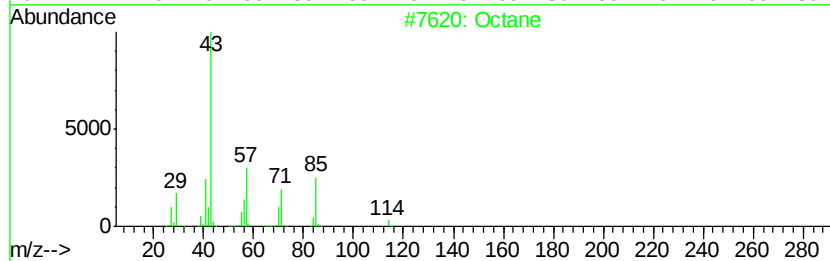
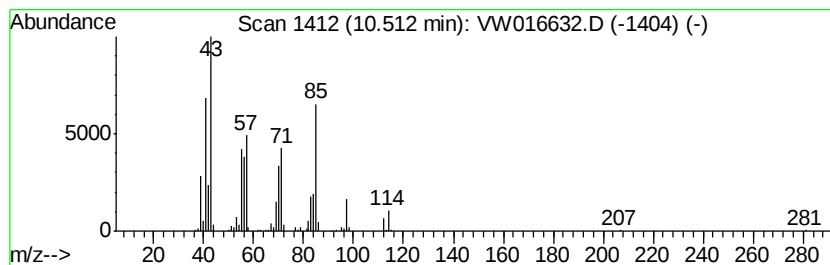
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	4.25 ug/L	222579	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	72
2		Octane	114	C8H18	000111-65-9	52
3		Octane	114	C8H18	000111-65-9	50
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
5		Butanoic acid, 2-methyl-, 1,2-di...	172	C10H20O2	084696-83-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

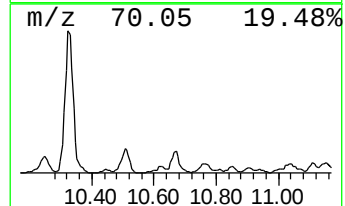
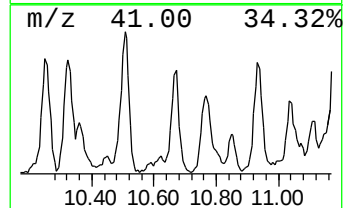
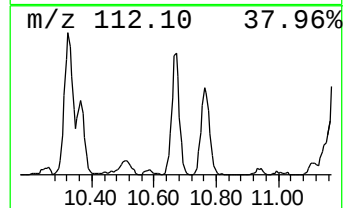
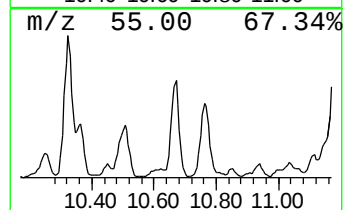
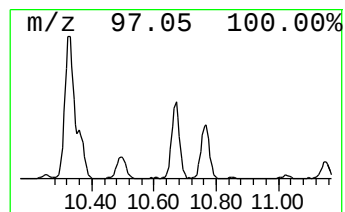
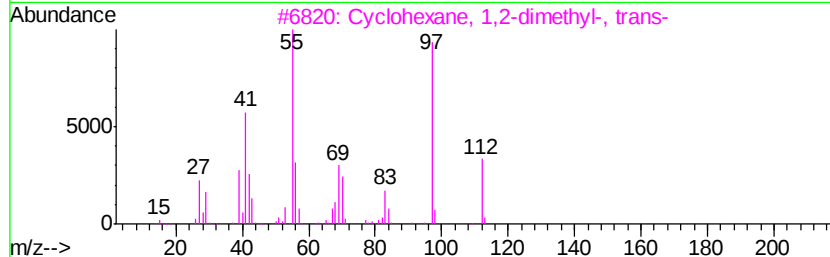
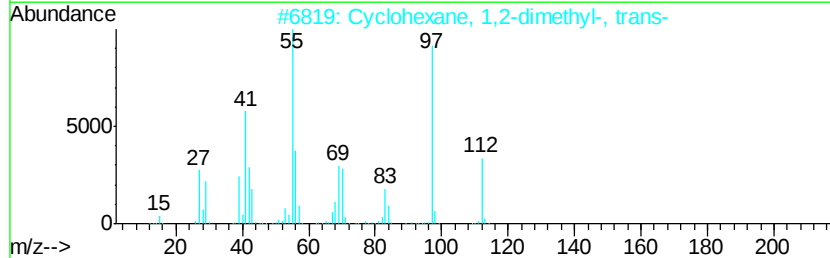
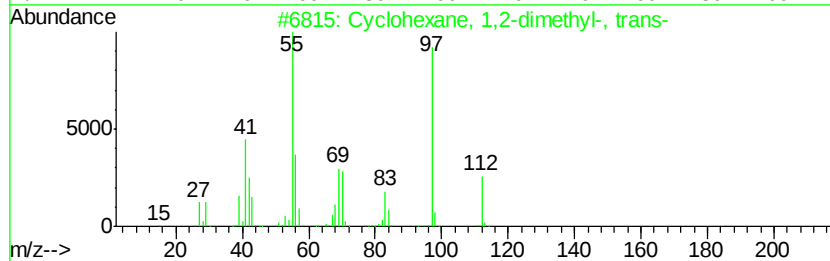
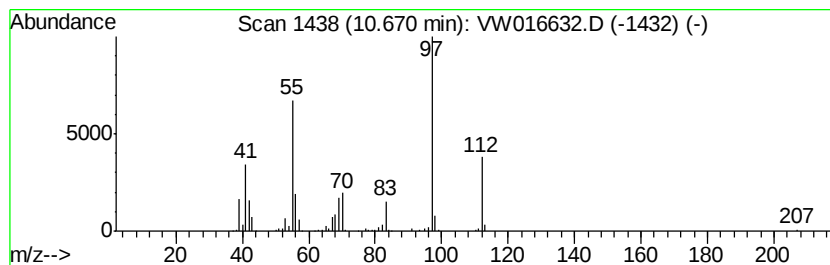
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic10.67 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.34 ug/L	174809	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

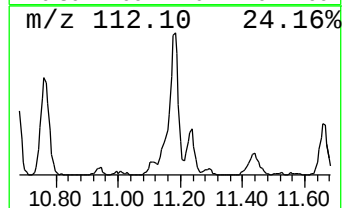
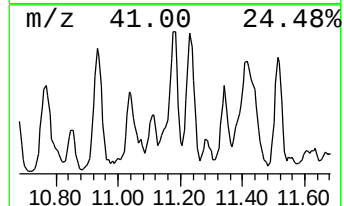
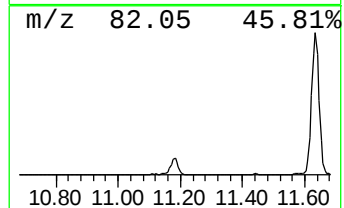
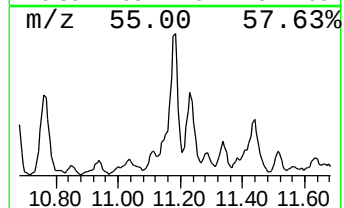
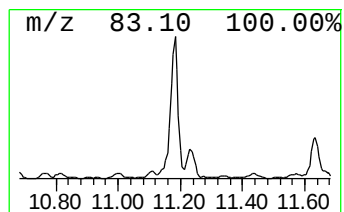
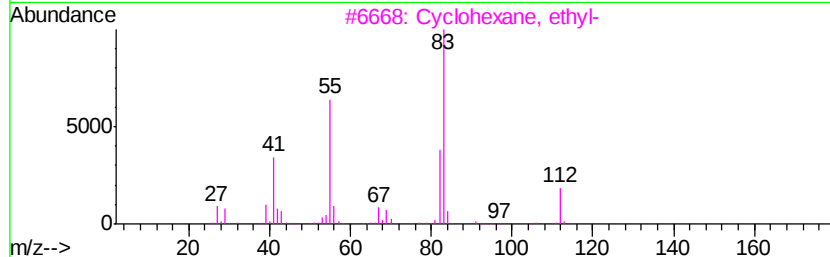
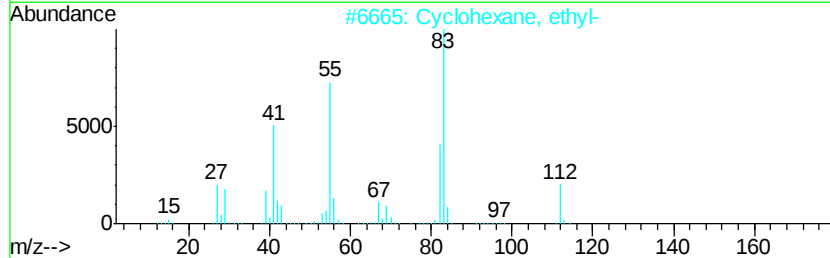
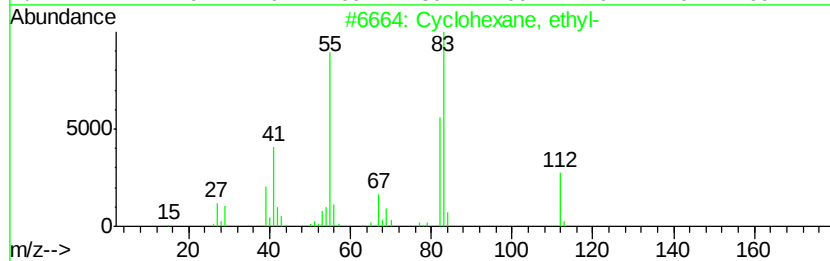
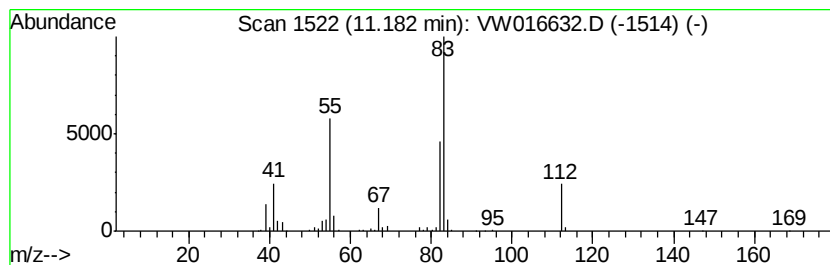
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic11.18 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.44 ug/L	180177	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

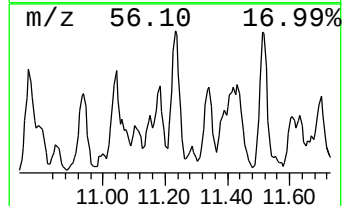
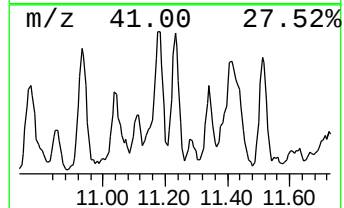
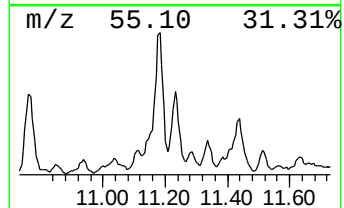
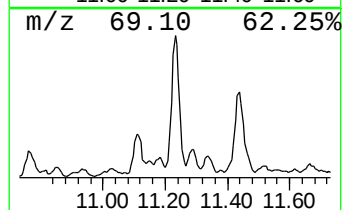
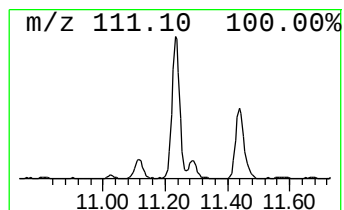
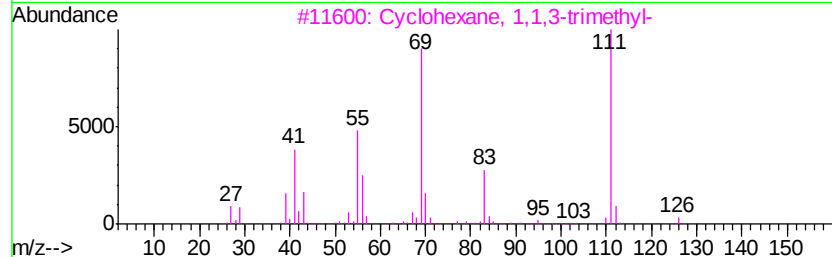
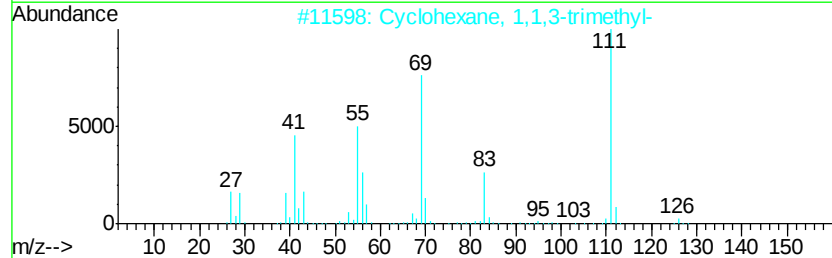
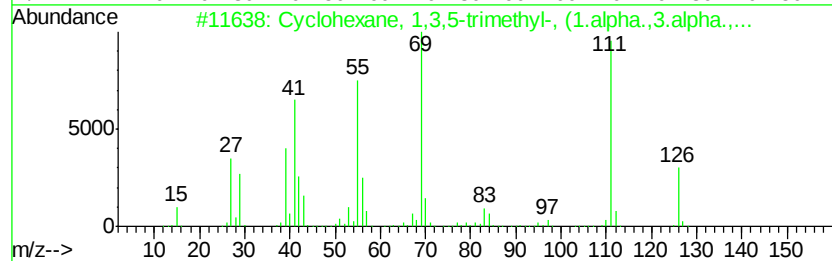
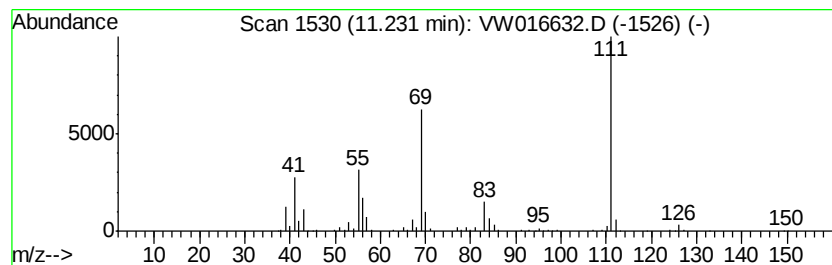
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic11.23 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.81 ug/L	199481	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5			Bis-(1,7-diazabicyclo[2.2.0]hept...	208	C11H20N4	1000284-25-2	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

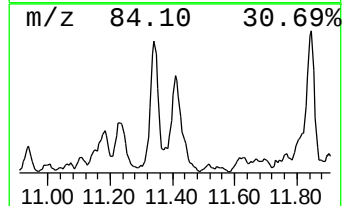
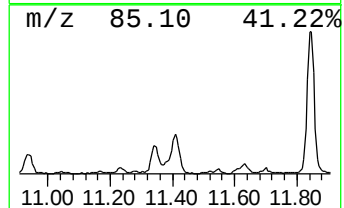
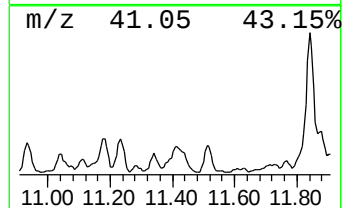
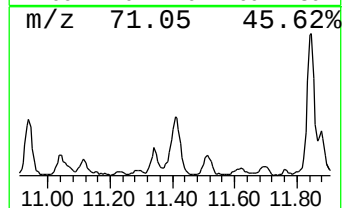
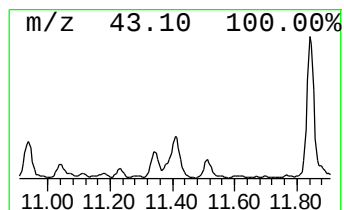
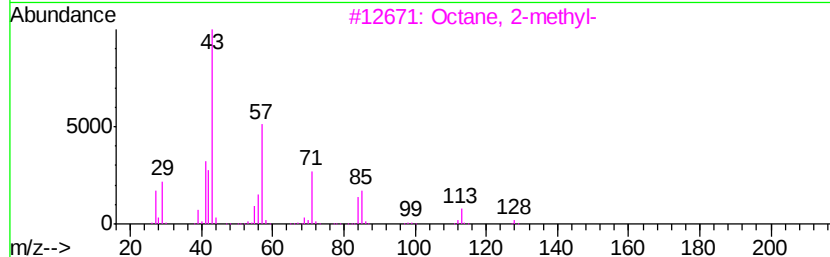
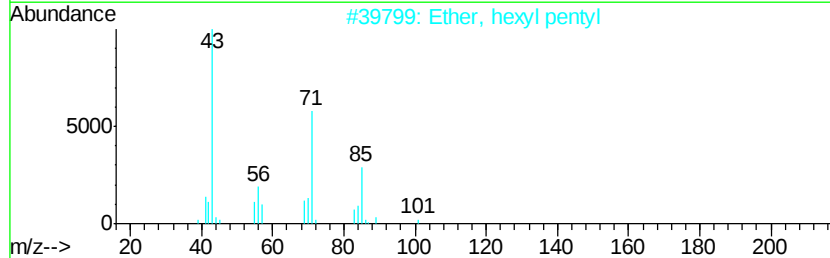
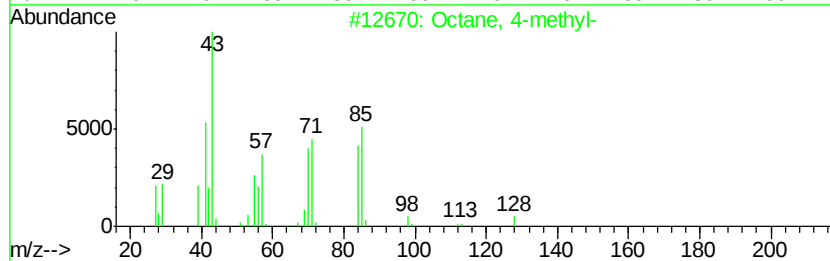
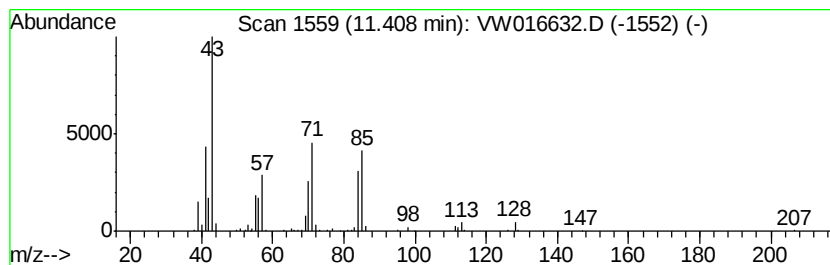
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.38 ug/L	124501	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	68
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
3			Octane, 2-methyl-	128	C9H20	003221-61-2	53
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

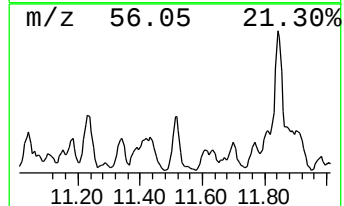
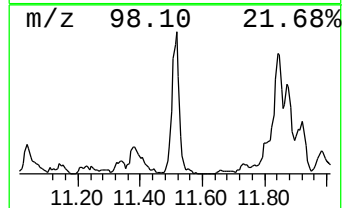
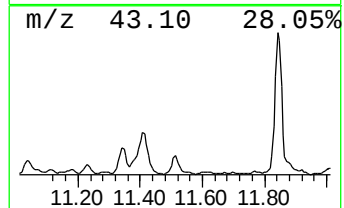
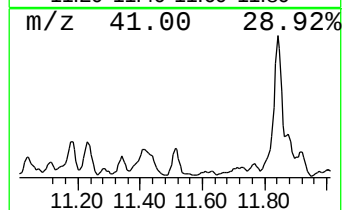
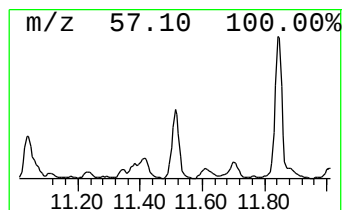
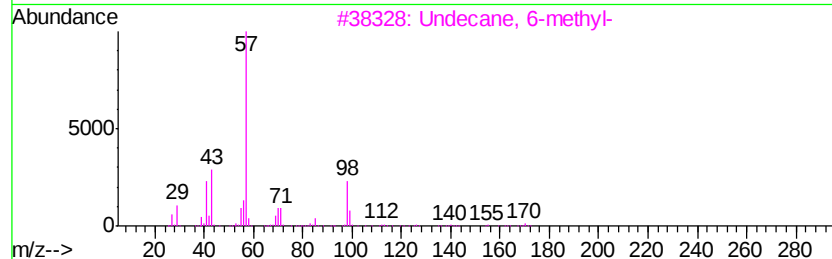
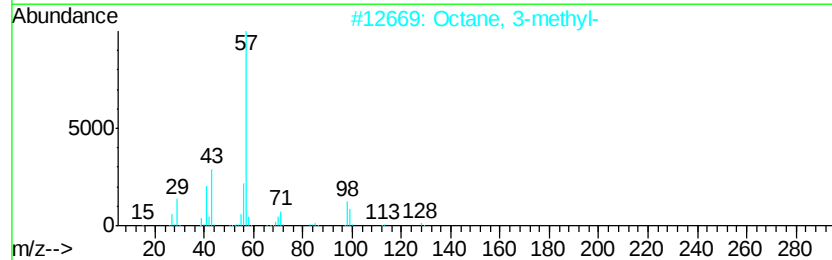
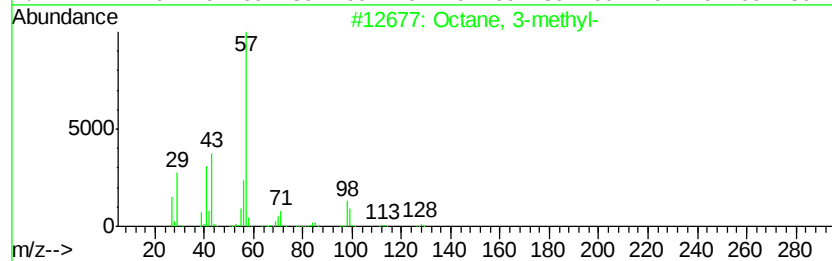
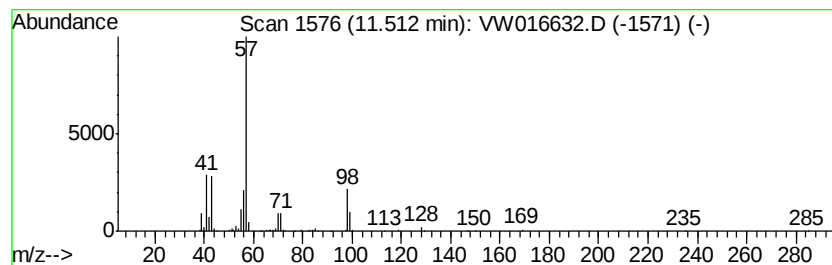
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.46 ug/L	128896	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	80
2			Octane, 3-methyl-	128	C9H20	002216-33-3	80
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	64
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

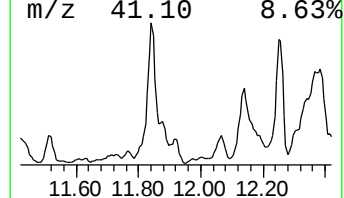
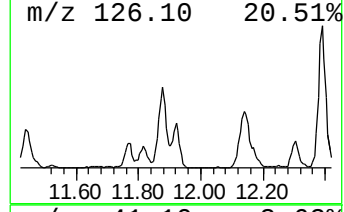
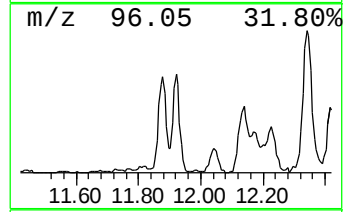
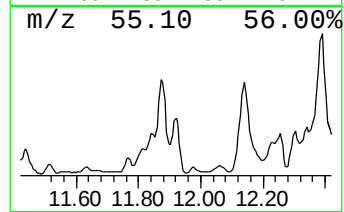
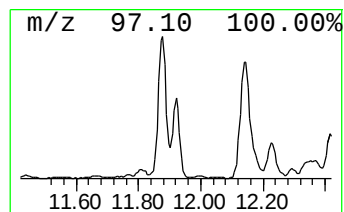
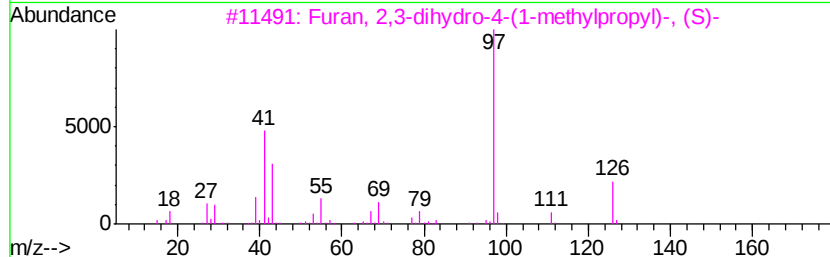
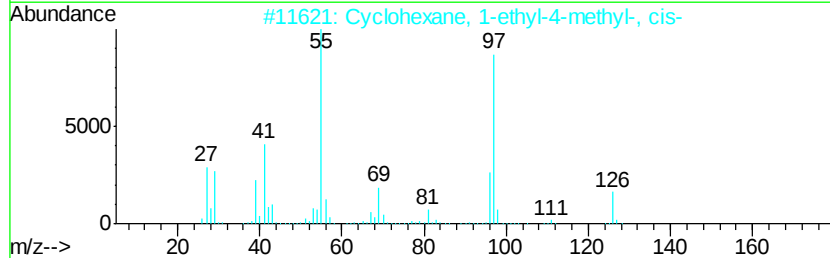
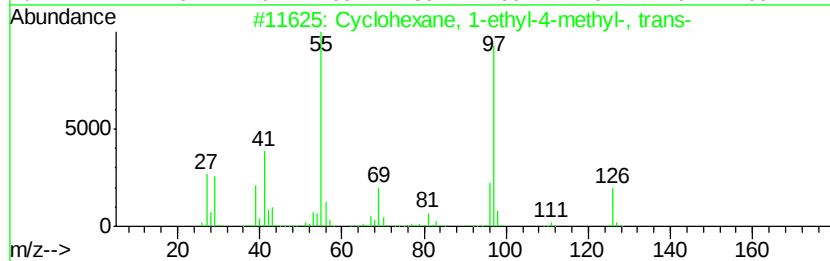
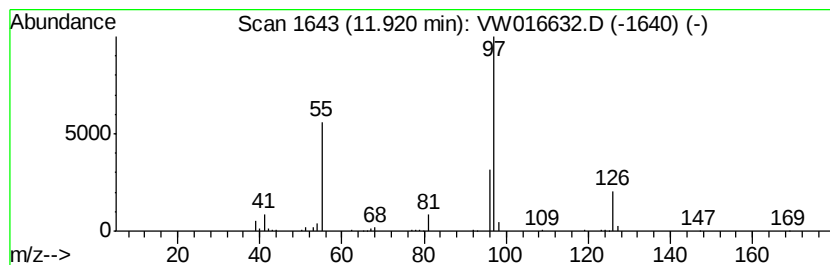
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic11.92 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.07 ug/L	160804	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
3			Furan, 2,3-dihydro-4-(1-methylpropyl)-, (S)-	126	C8H14O	034379-54-9	58
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	56
5			4-Octen-3-one	126	C8H14O	014129-48-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

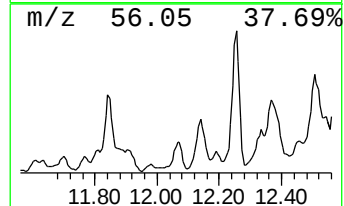
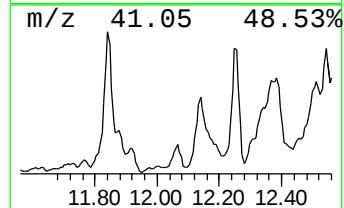
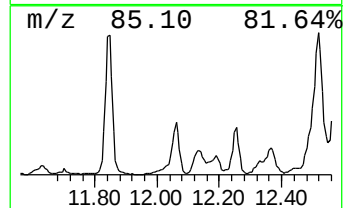
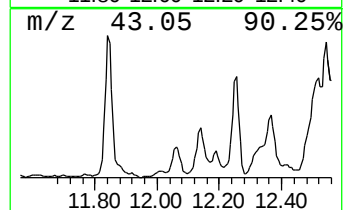
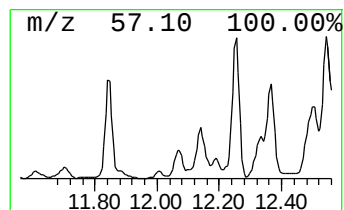
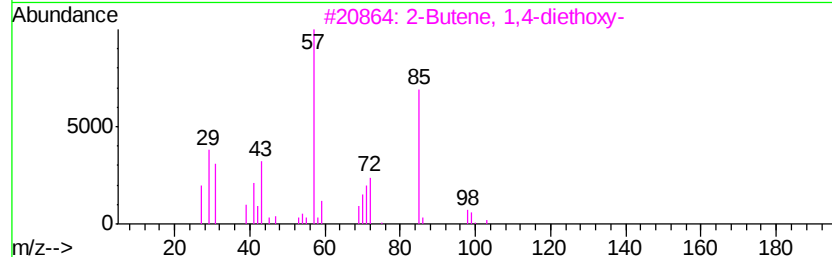
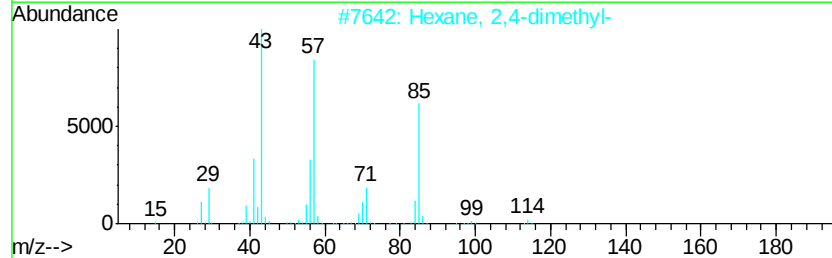
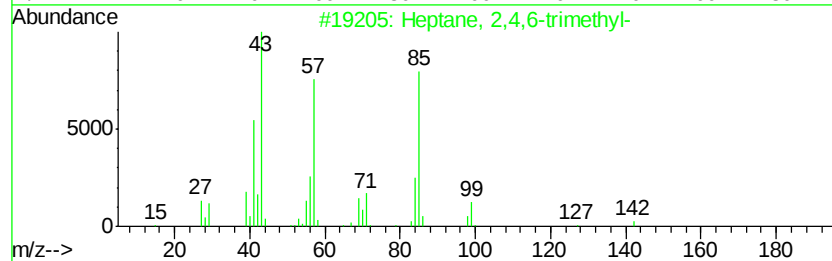
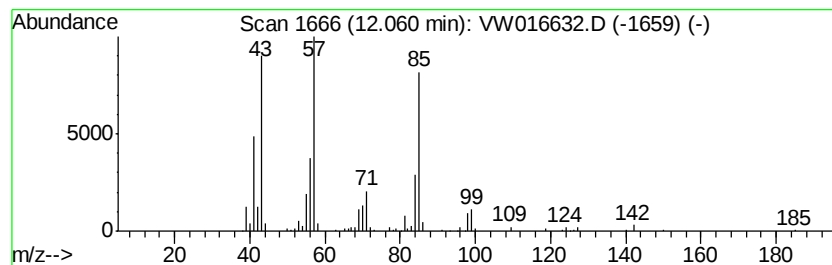
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.72 ug/L	142306	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	74
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	59
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
5			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

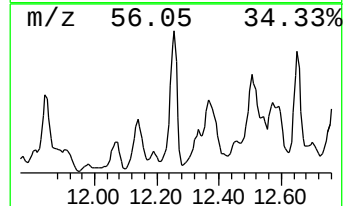
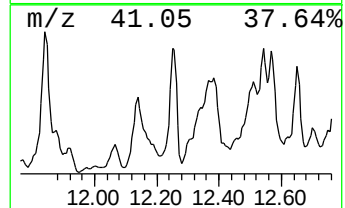
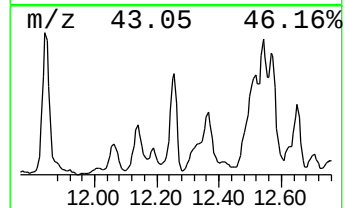
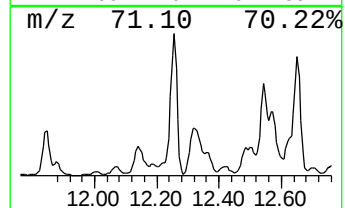
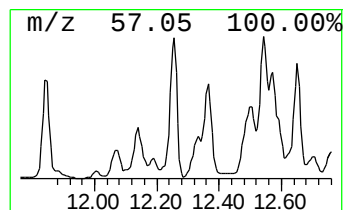
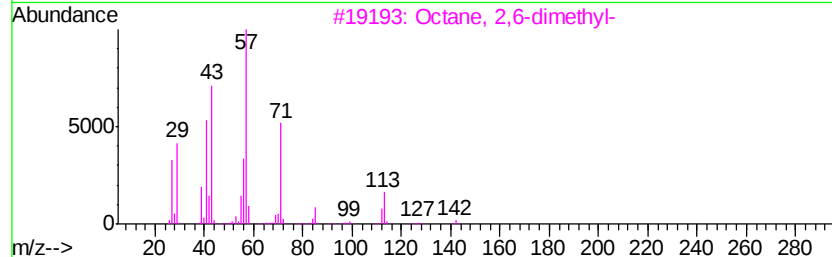
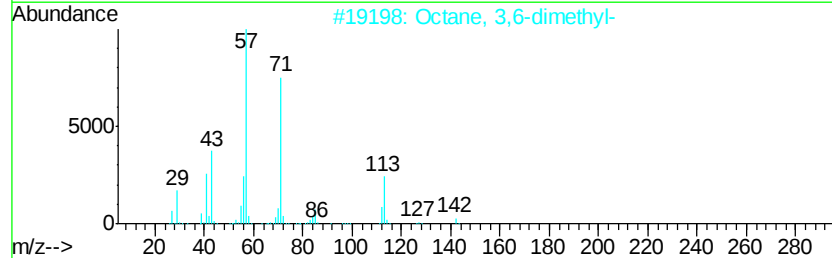
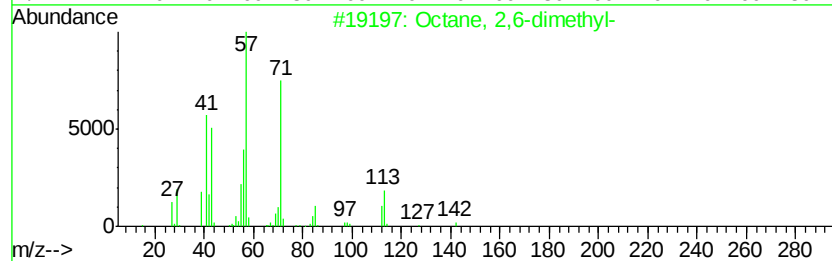
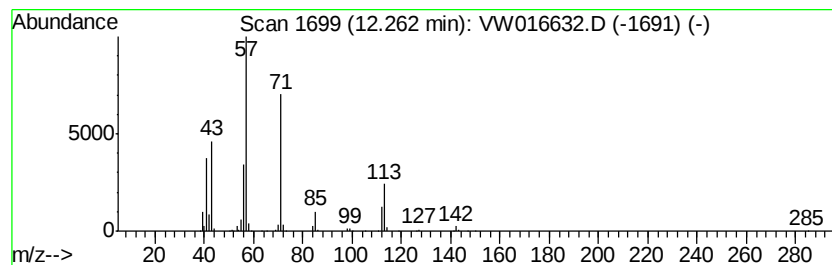
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	10.90 ug/L	570183	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

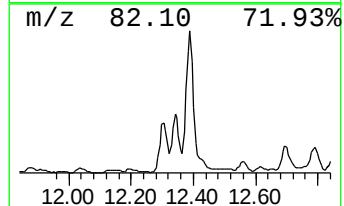
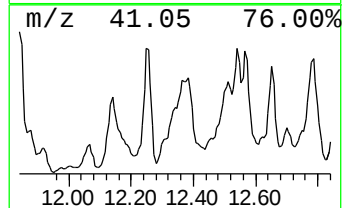
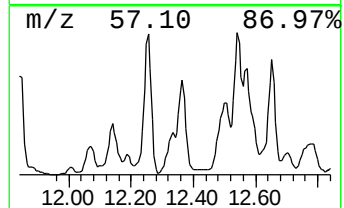
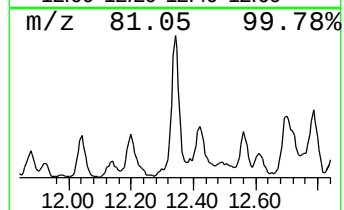
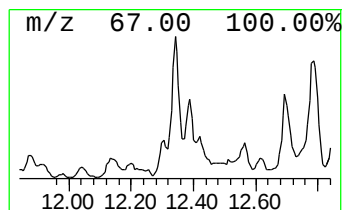
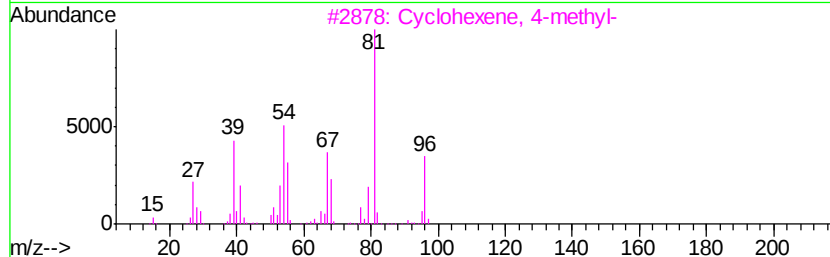
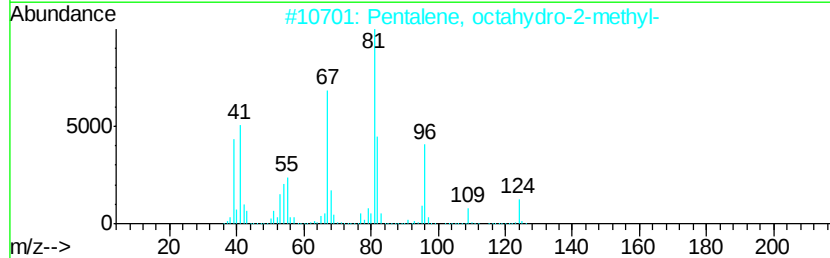
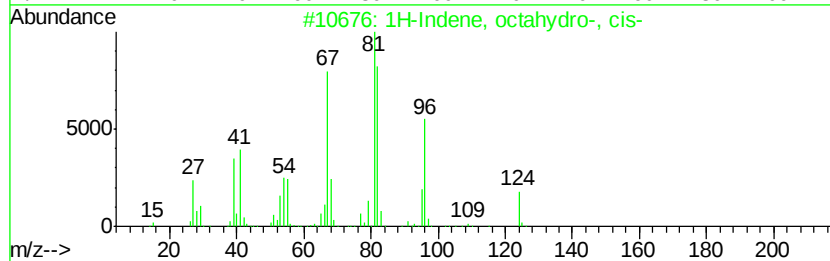
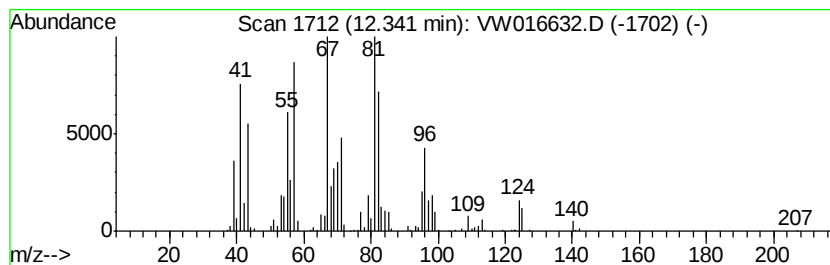
Instrument :
MSVOA_W
ClientSampleId :
BG3X3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1H-Indene, octahydro-, cis- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	9.97 ug/L	521946	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3		Cvclohexene, 4-methyl-	96	C7H12	000591-47-9	46
4		Cvclohexene, 4-propyl-	124	C9H16	013487-64-4	45
5		Cyclohexanol, 2-(1-methylethyl)-	142	C9H18O	000096-07-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

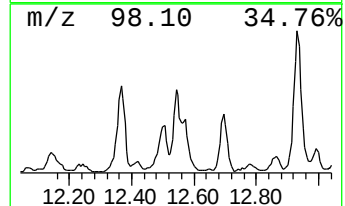
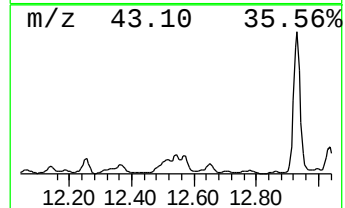
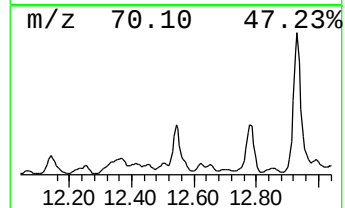
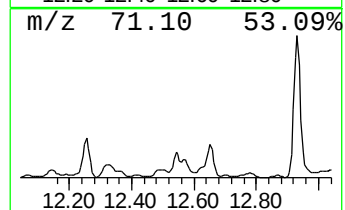
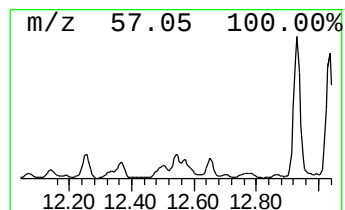
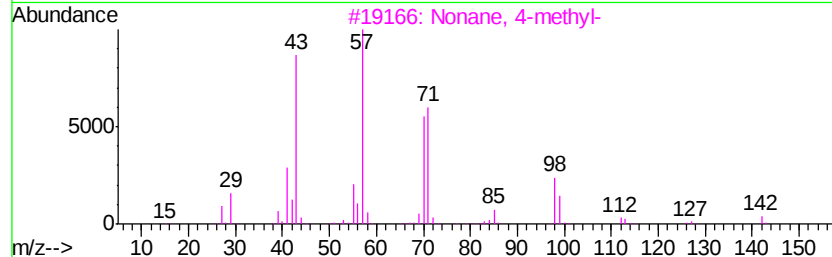
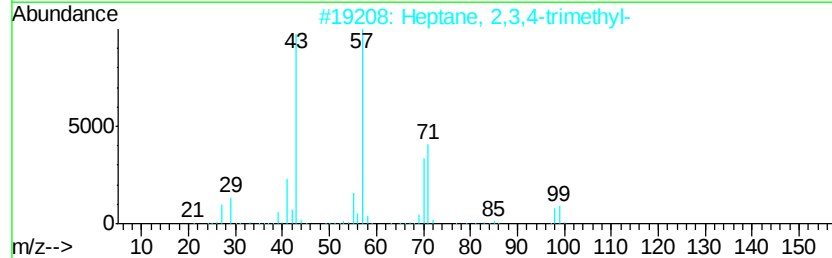
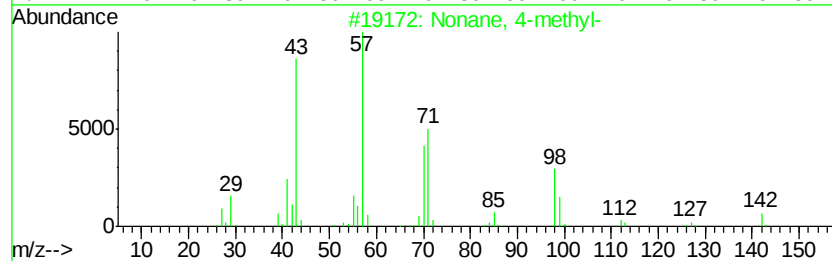
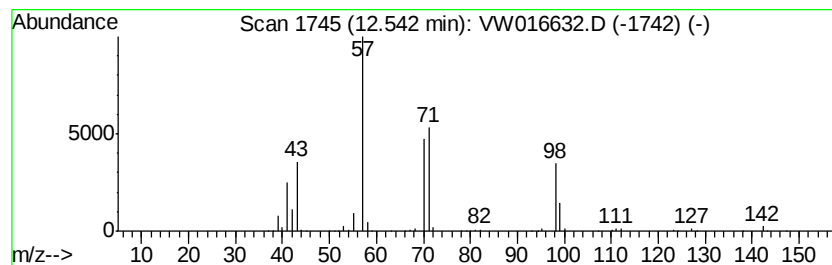
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.58 ug/L	396506	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

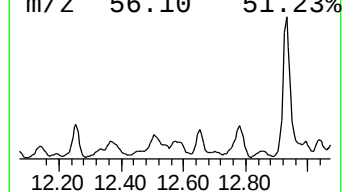
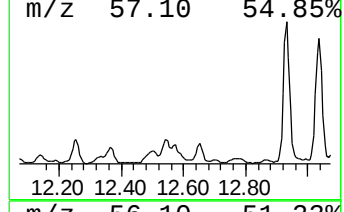
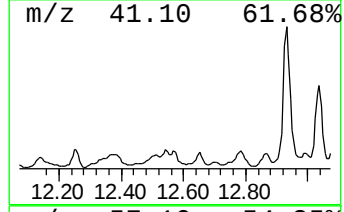
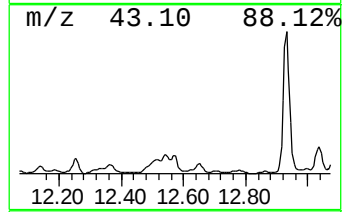
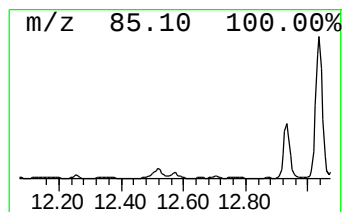
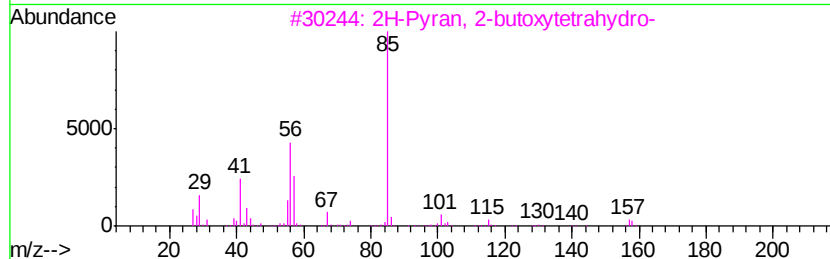
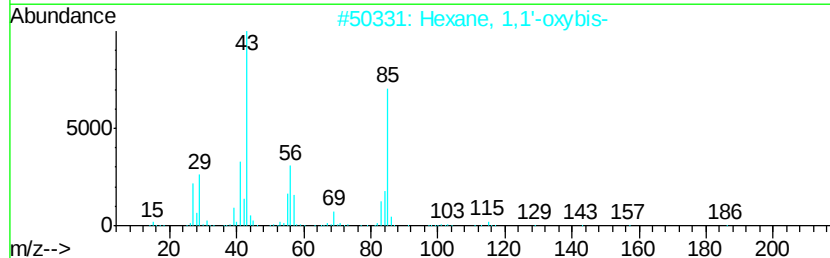
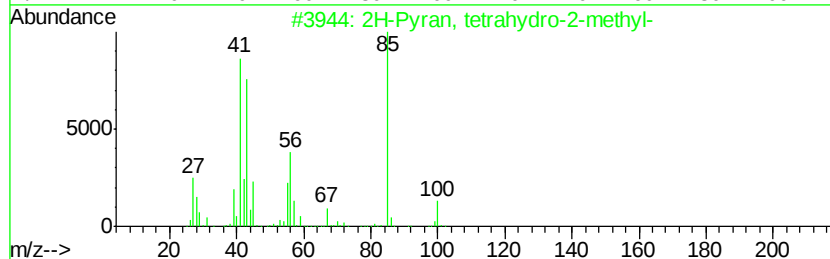
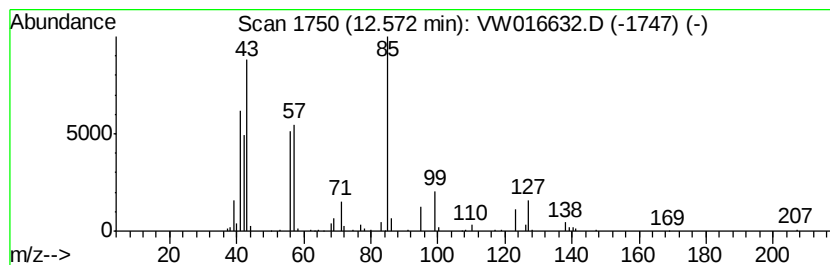
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-01 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.17 ug/L	270451	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	47
2		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	43
3		2H-Pyran, 2-butoxytetrahydro-	158	C9H18O2	001927-68-0	38
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

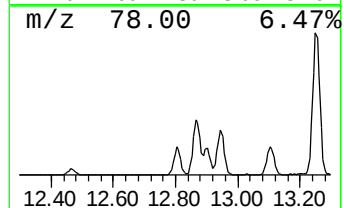
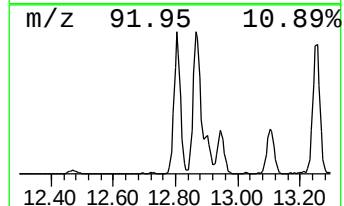
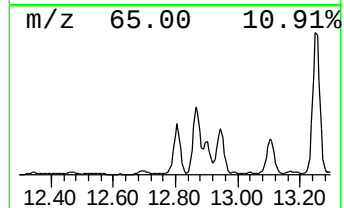
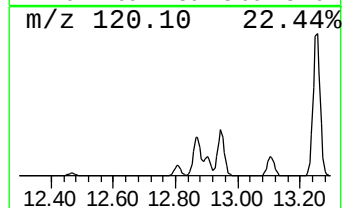
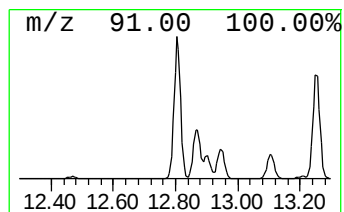
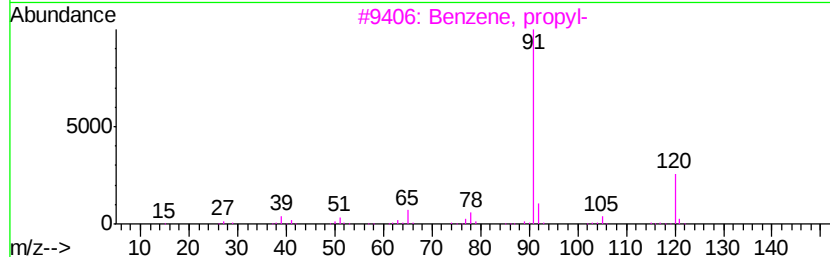
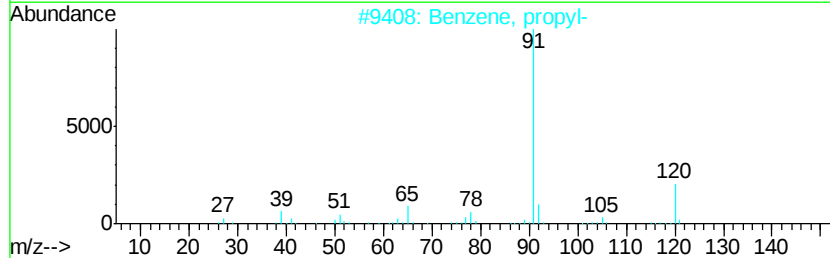
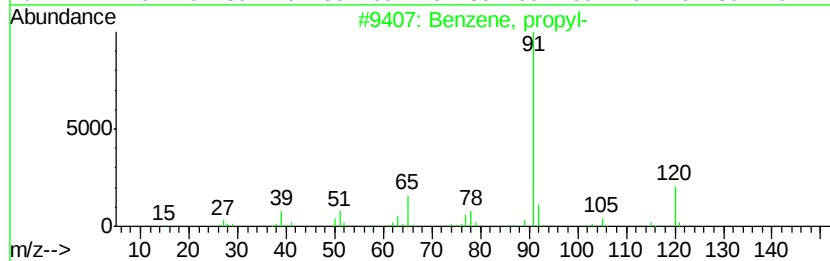
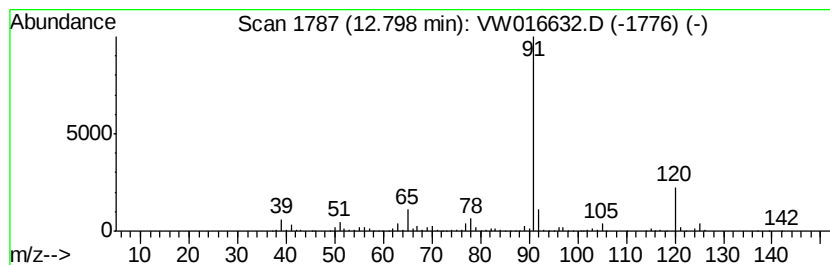
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Benzene, propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.99 ug/L	1902850	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	86
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

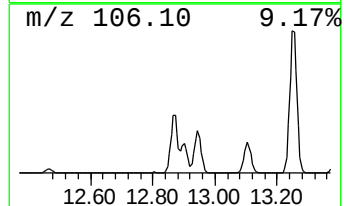
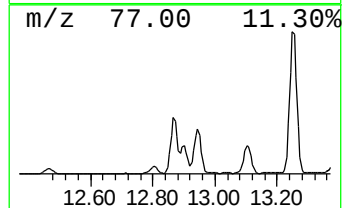
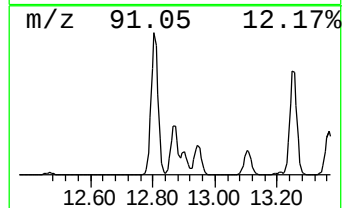
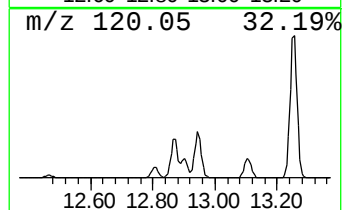
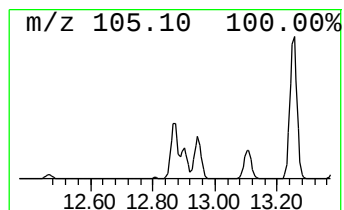
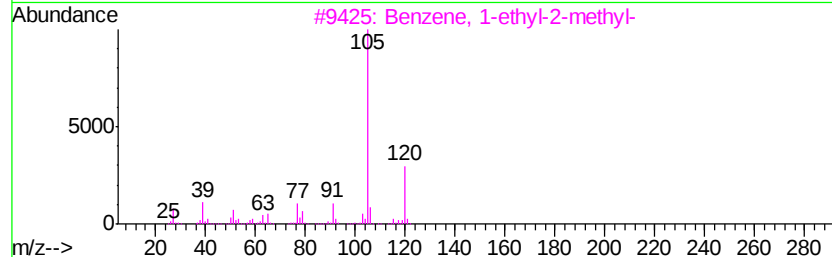
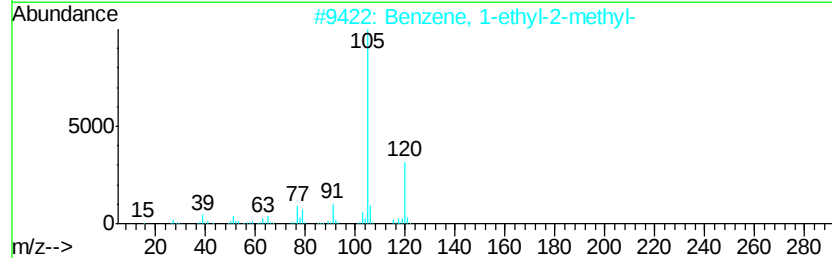
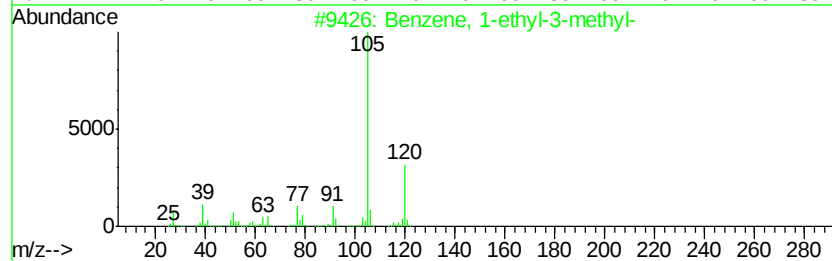
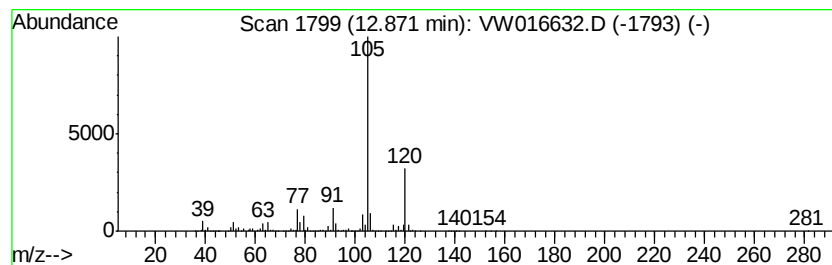
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 1-ethyl-3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	16.44 ug/L	5223710	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

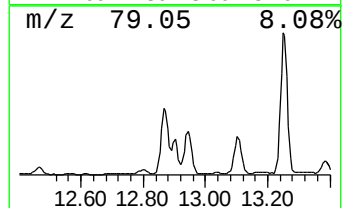
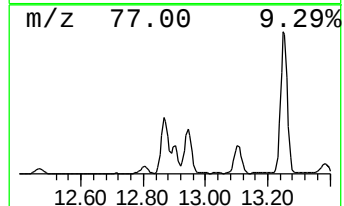
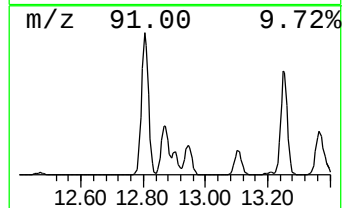
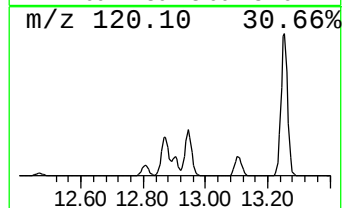
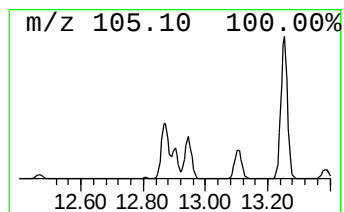
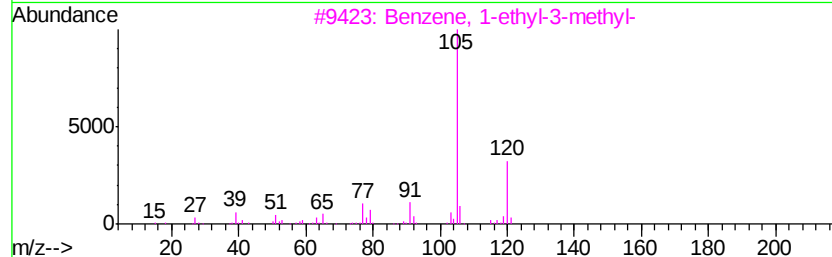
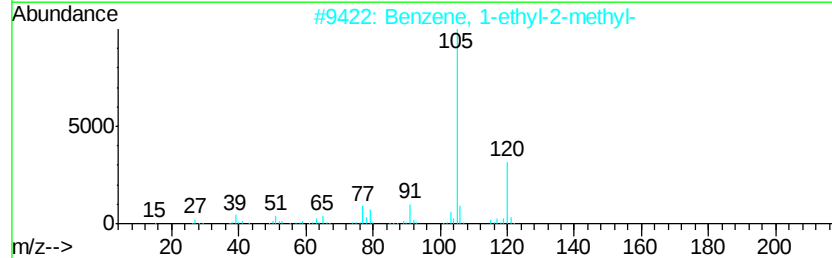
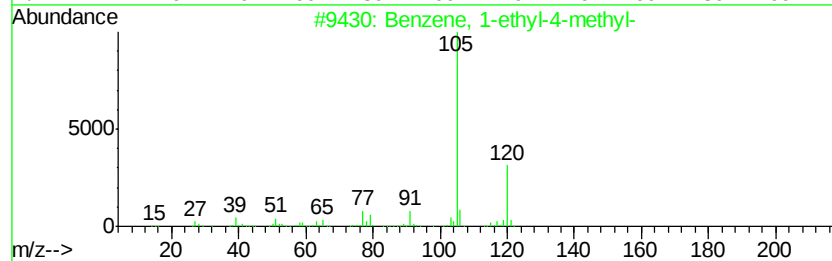
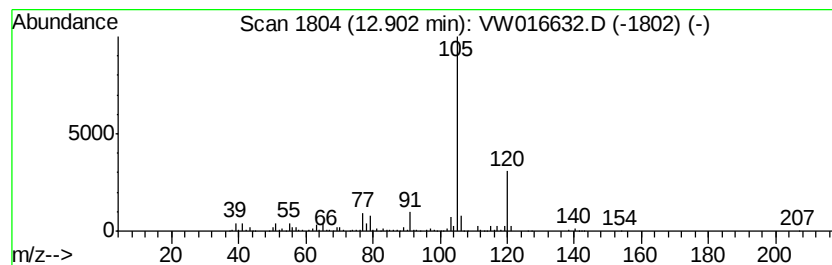
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzene, 1-ethyl-4-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.79 ug/L	1840980	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

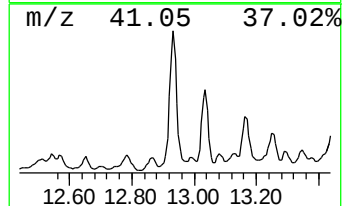
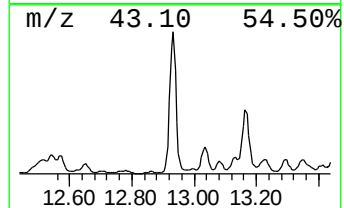
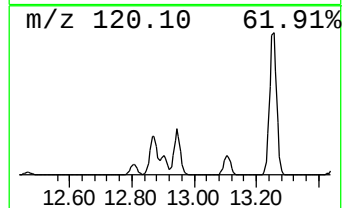
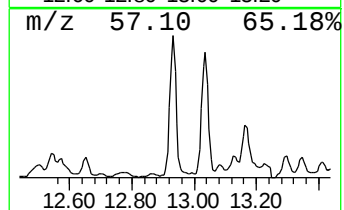
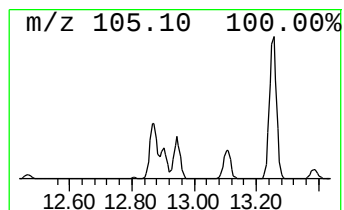
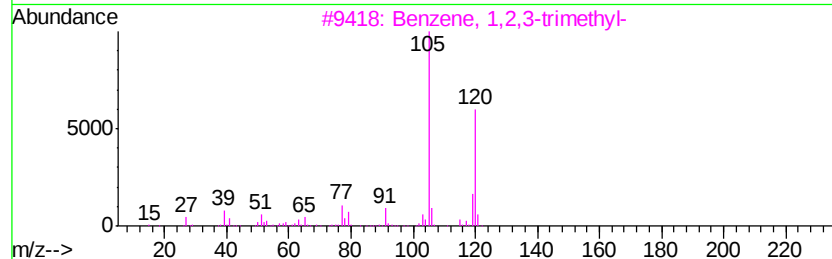
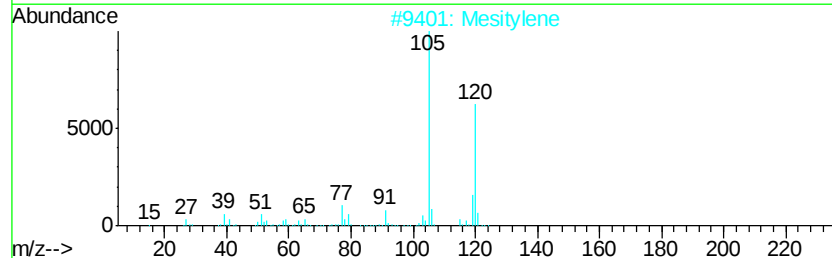
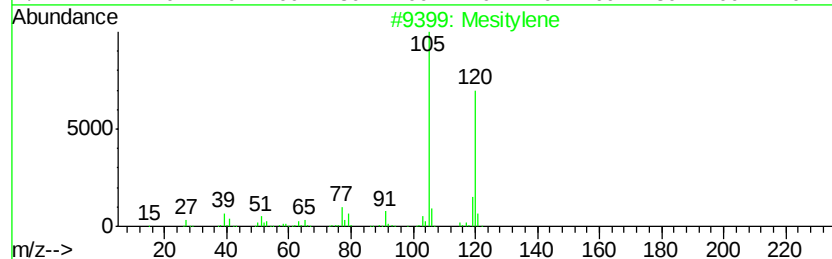
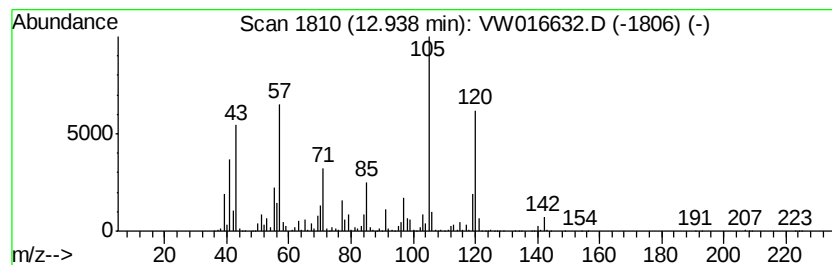
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	23.15 ug/L	7358410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	92
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

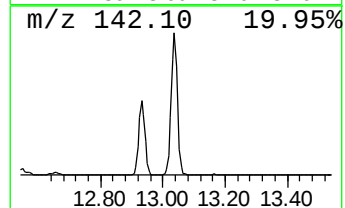
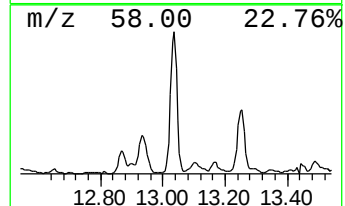
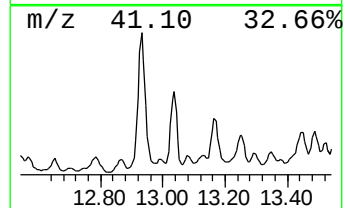
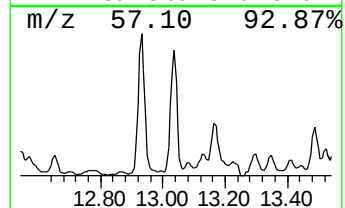
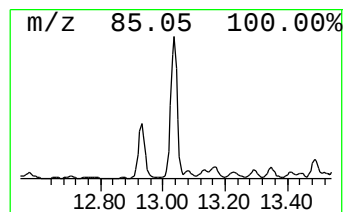
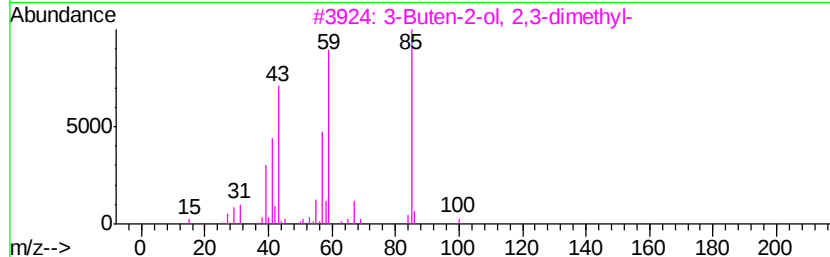
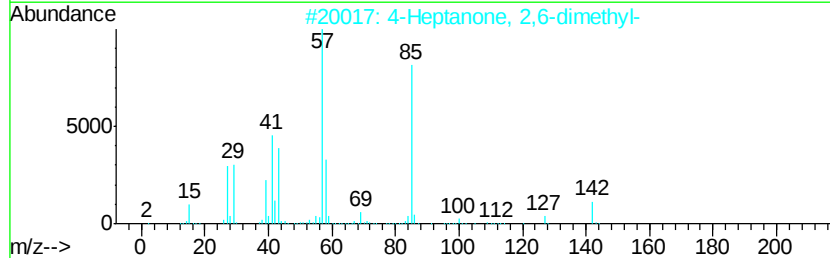
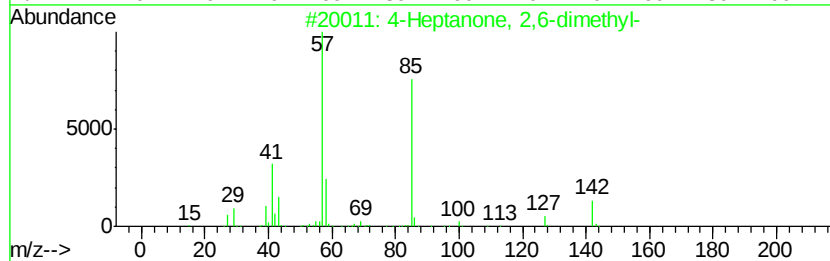
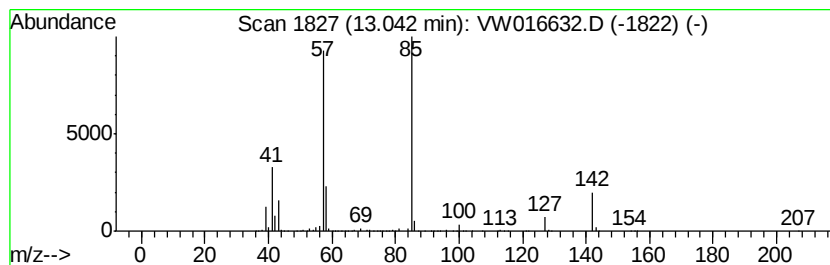
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 4-Heptanone, 2,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.12 ug/L	1944170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78
2		4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
3		3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
4		t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	45
5		Acetaldehyde, bis(1-methylethyl)...	142	C8H18N2	067660-50-8	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

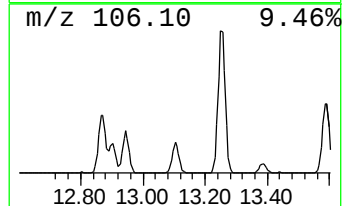
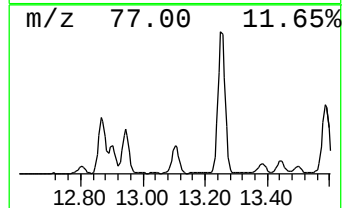
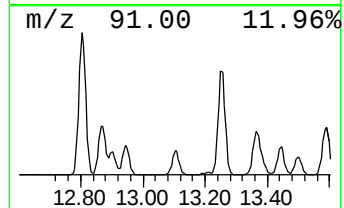
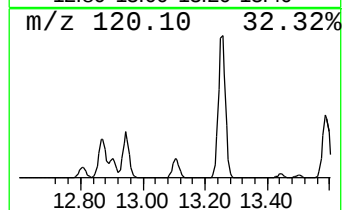
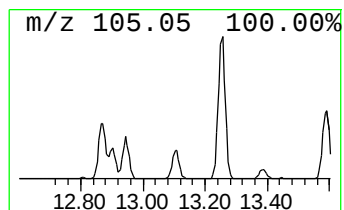
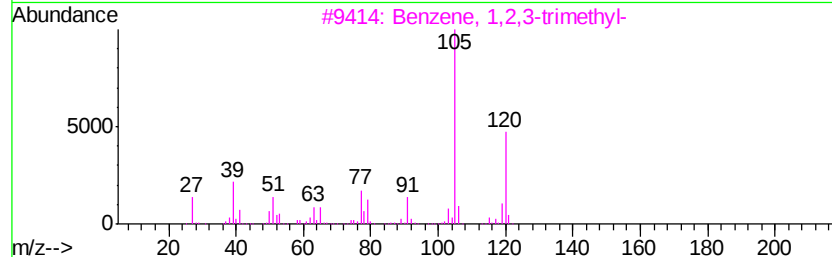
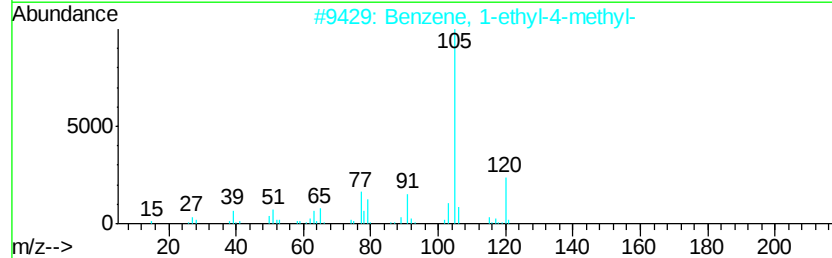
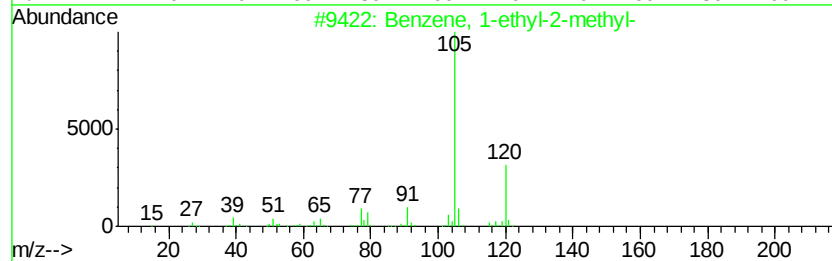
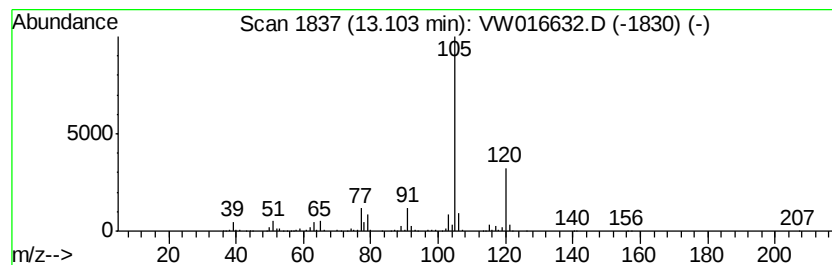
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	9.53 ug/L	3030180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

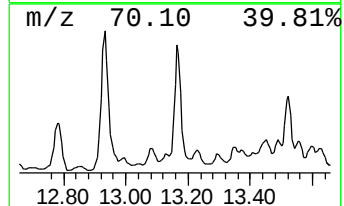
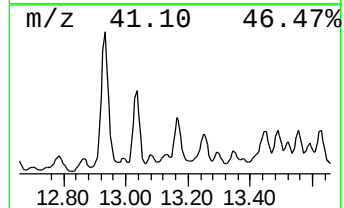
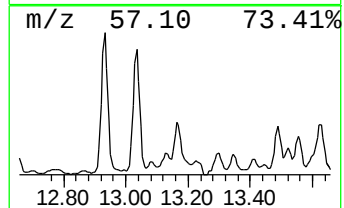
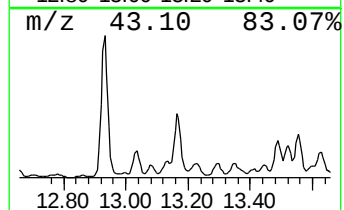
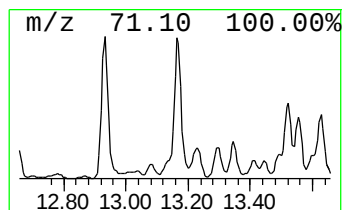
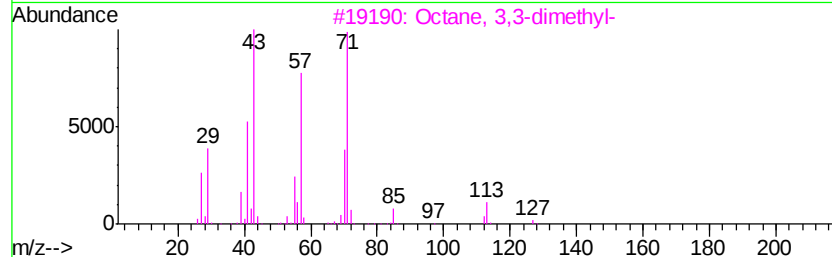
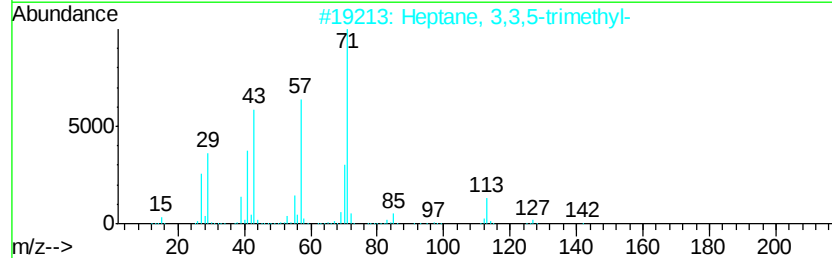
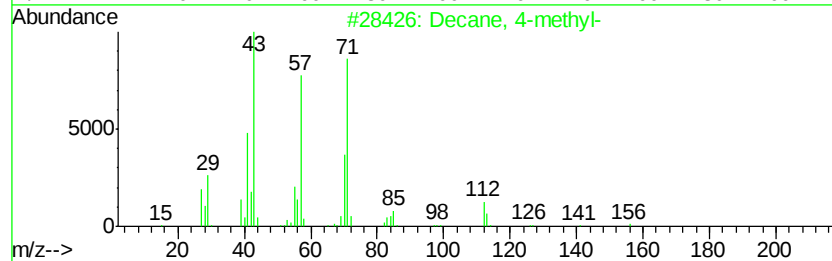
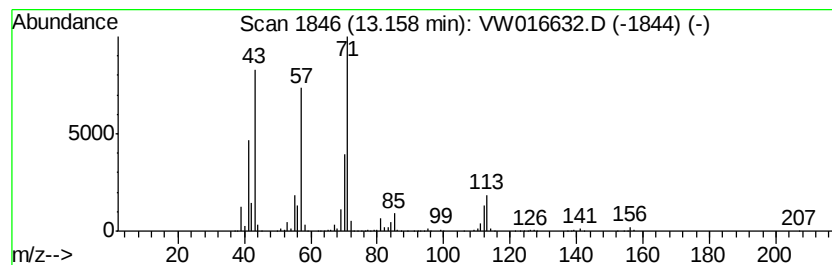
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.45 ug/L	1415410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	74
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

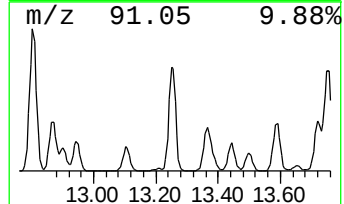
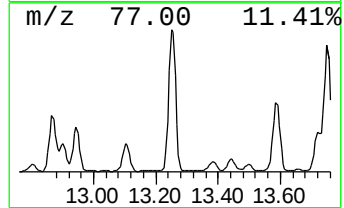
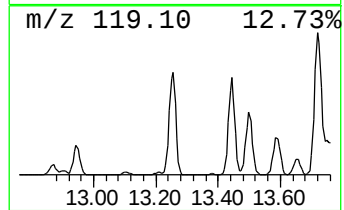
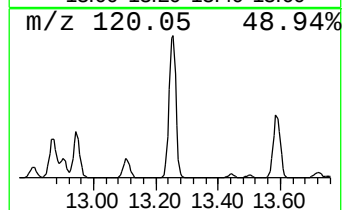
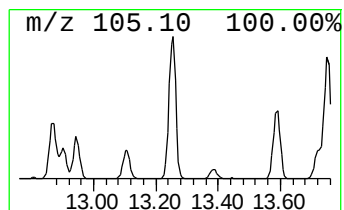
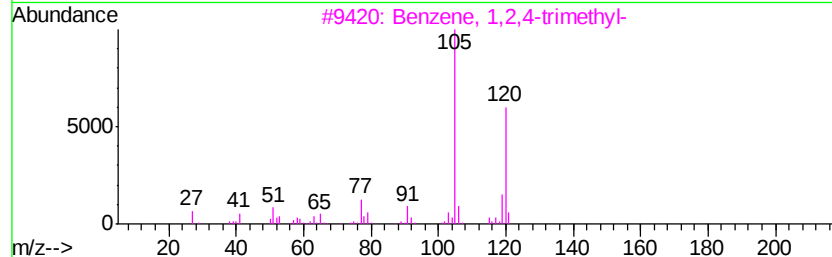
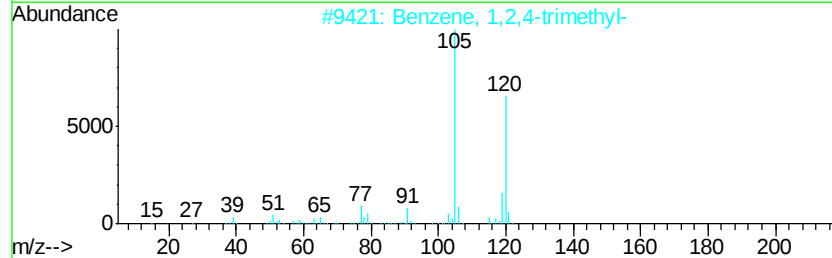
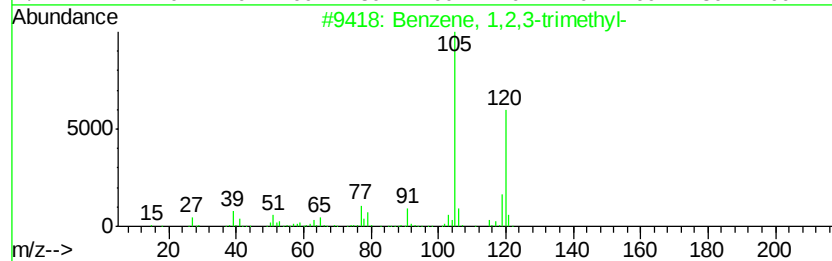
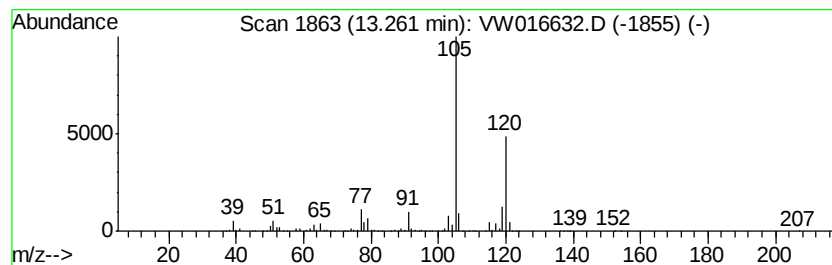
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	40.07 ug/L	12735700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

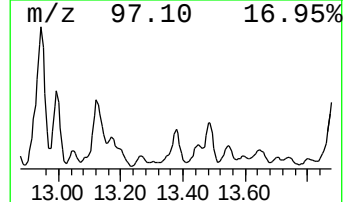
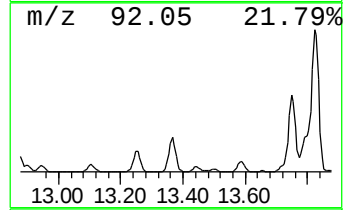
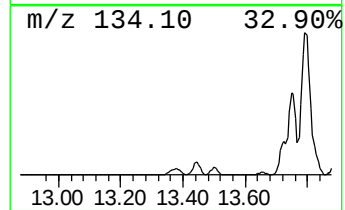
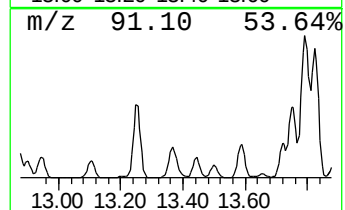
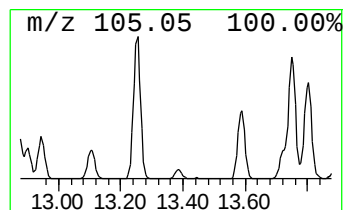
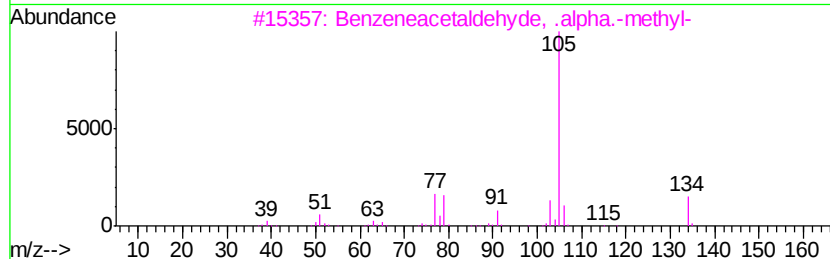
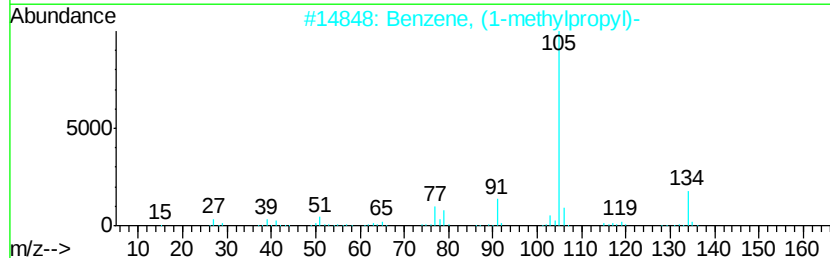
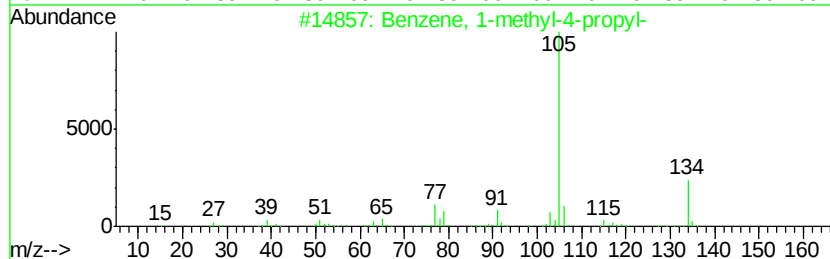
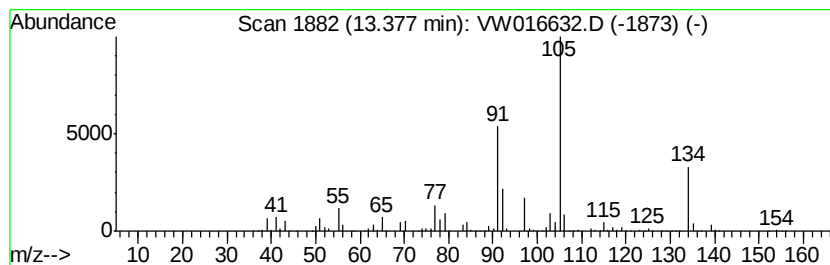
Instrument :
MSVOA_W
ClientSampleId :
BG3X3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Benzene, 1-methyl-4-propyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	5.25 ug/L	1668550	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 87
2		Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8 83
3		Benzeneacetaldehyde, .alpha.-met...	134 C9H10O	000093-53-8 81
4		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 81
5		Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8 80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

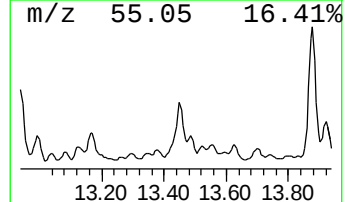
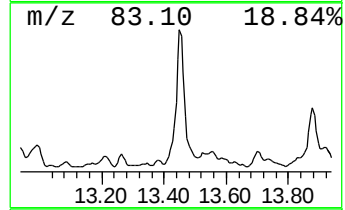
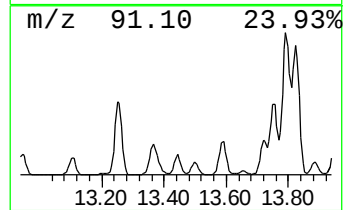
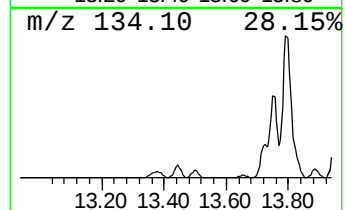
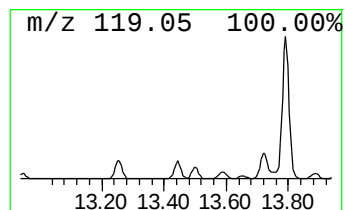
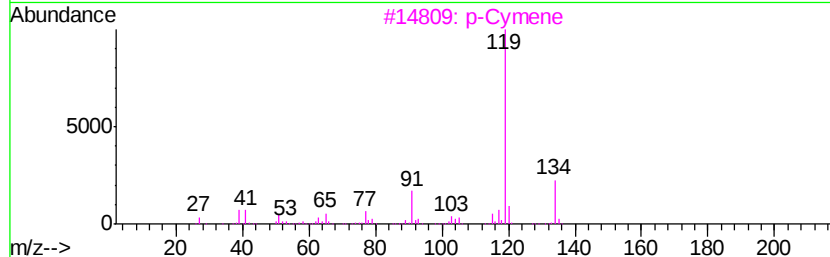
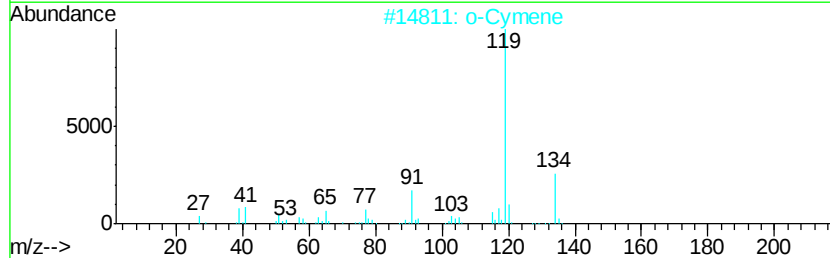
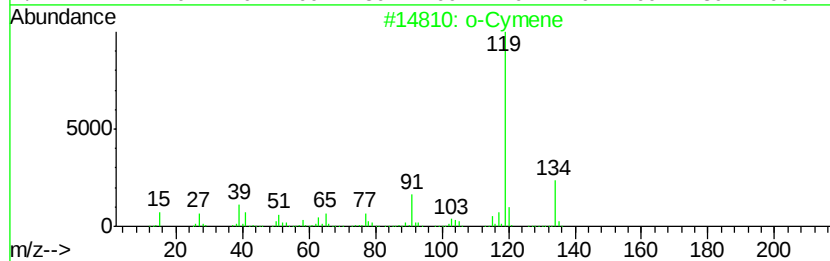
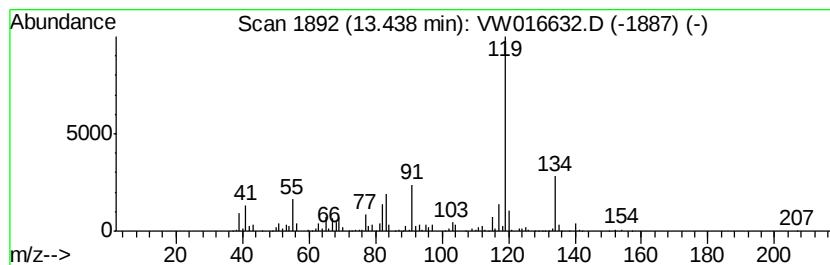
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 o-Cymene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	9.17 ug/L	2914250	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

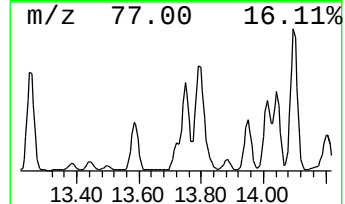
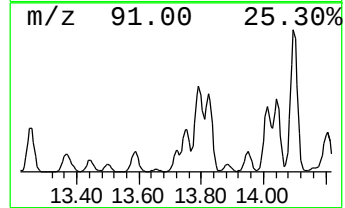
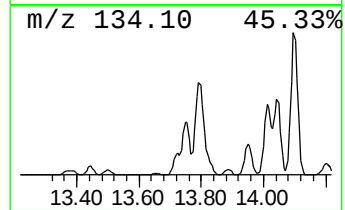
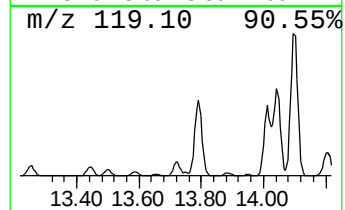
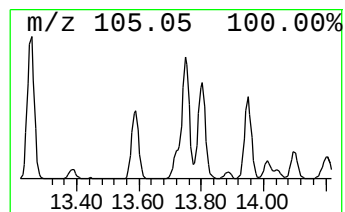
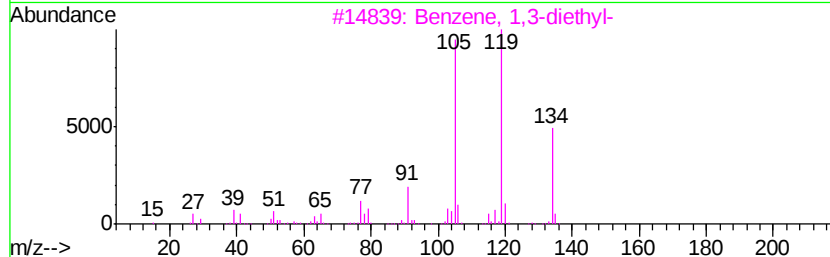
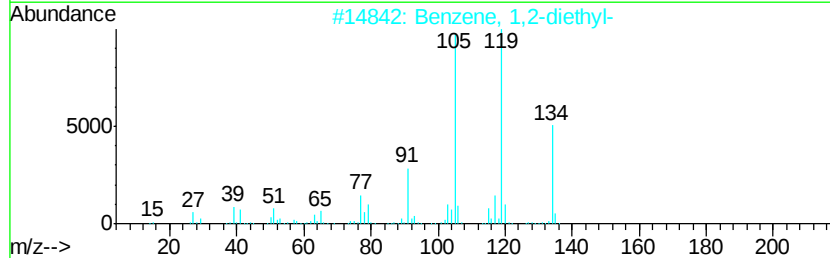
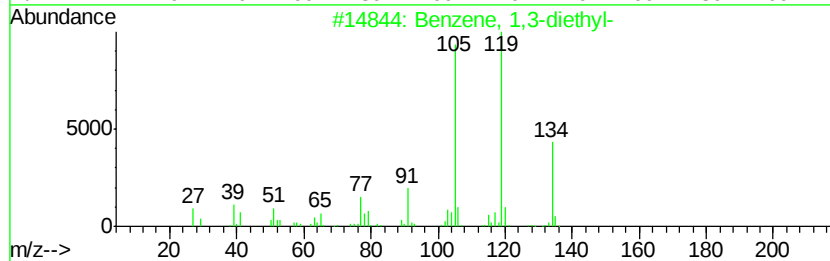
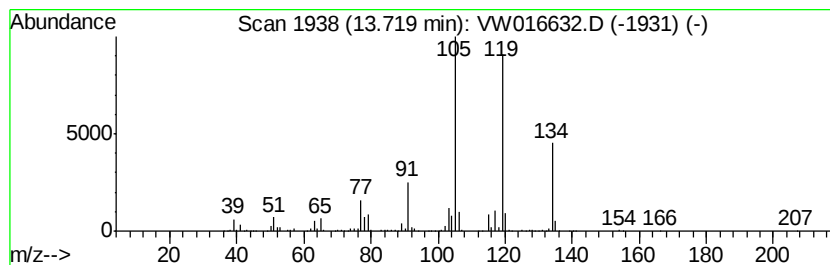
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,3-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.75 ug/L	4051660	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

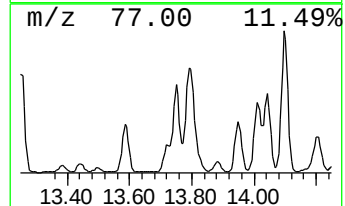
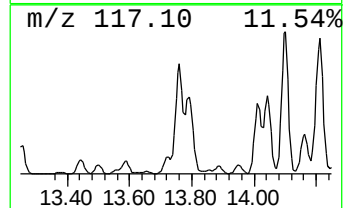
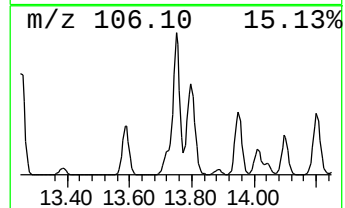
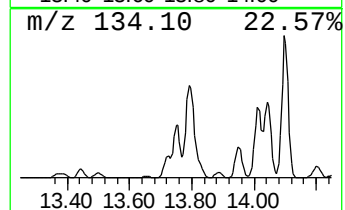
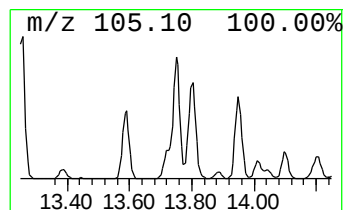
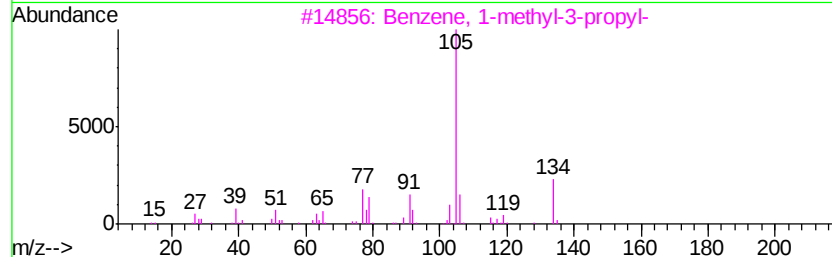
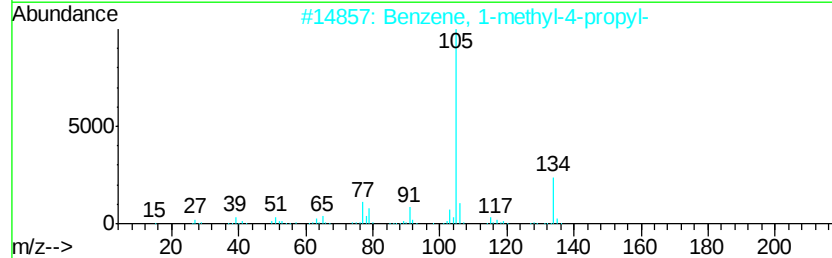
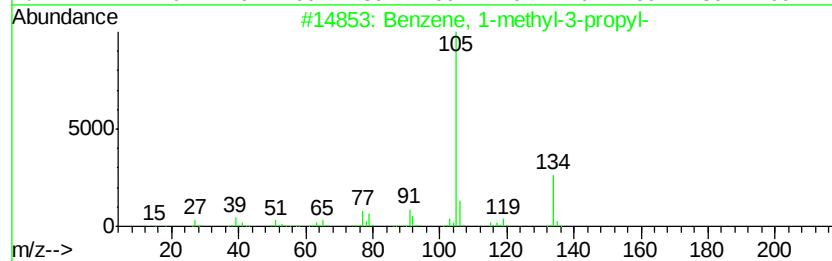
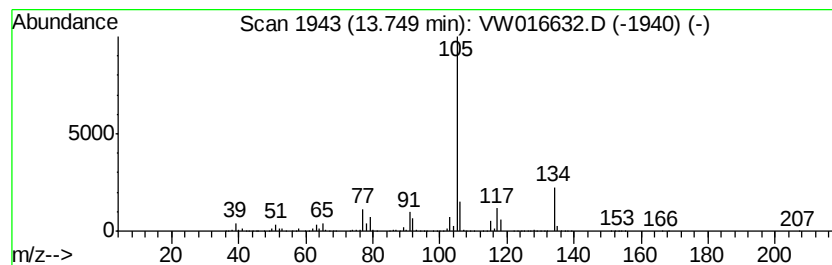
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	32.42 ug/L	10304900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

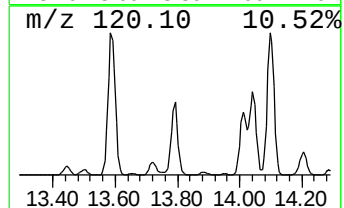
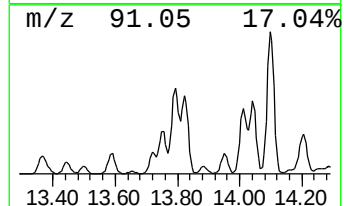
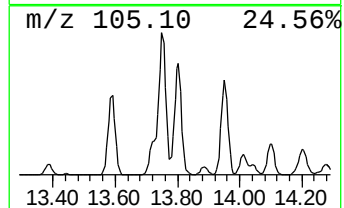
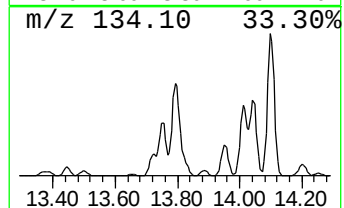
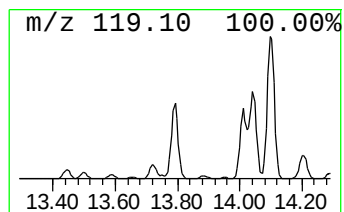
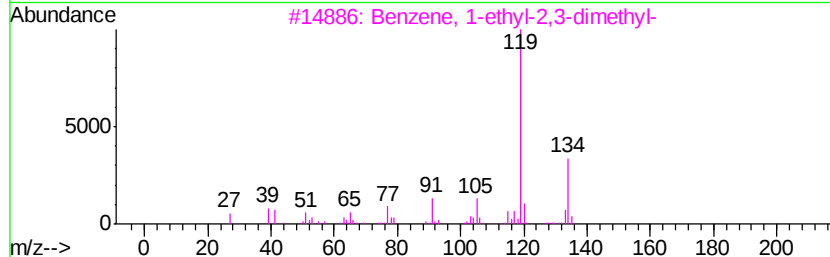
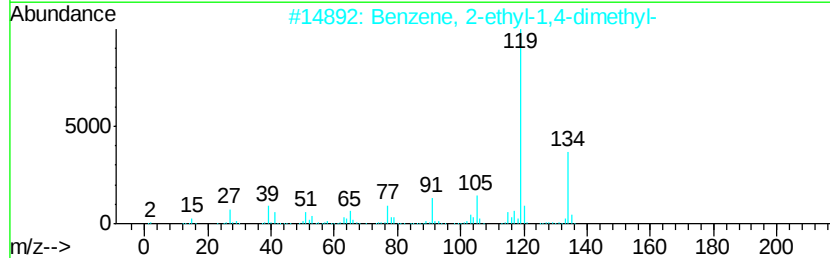
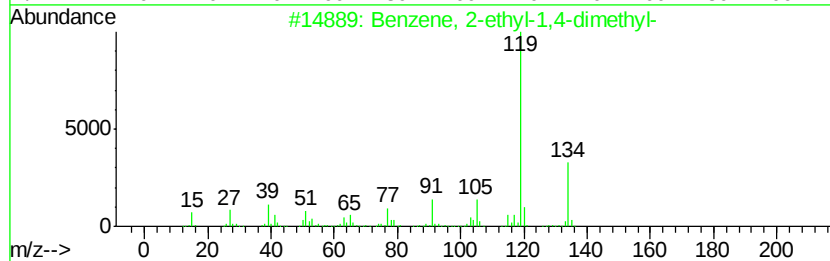
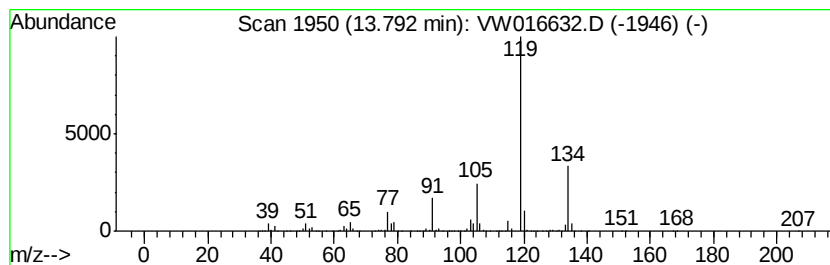
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	63.17 ug/L	20076100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

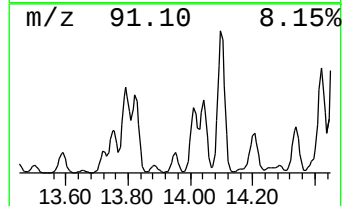
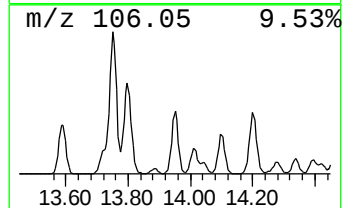
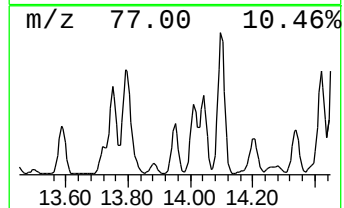
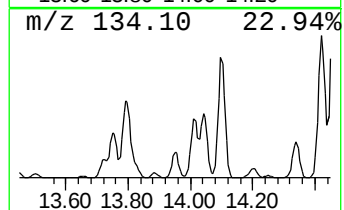
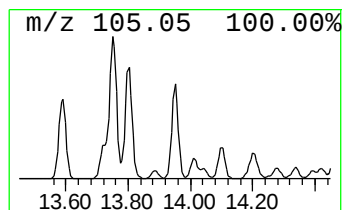
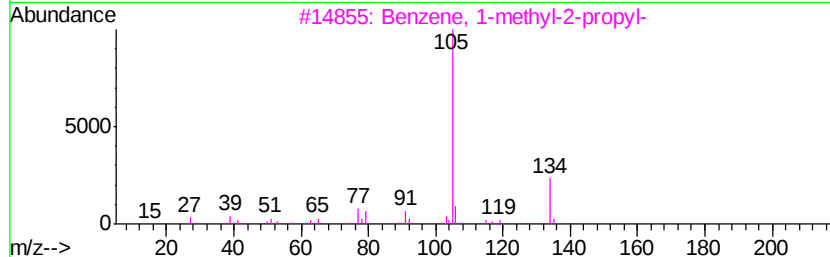
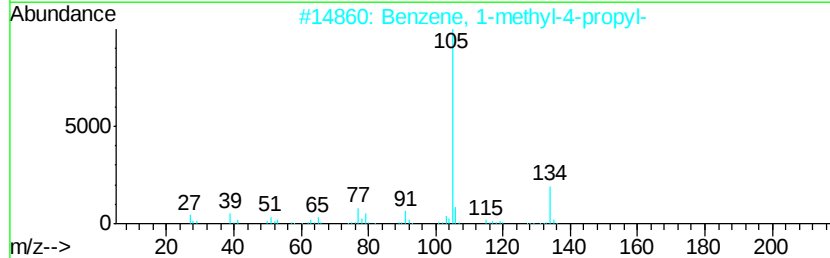
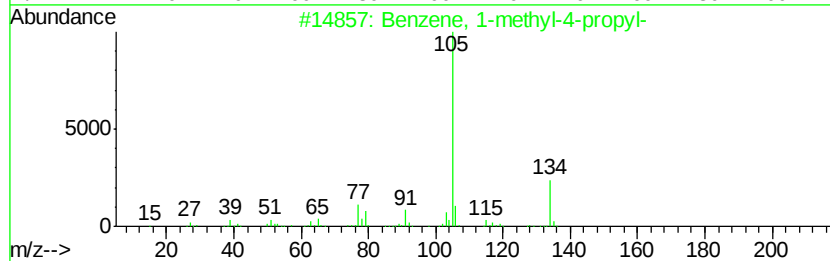
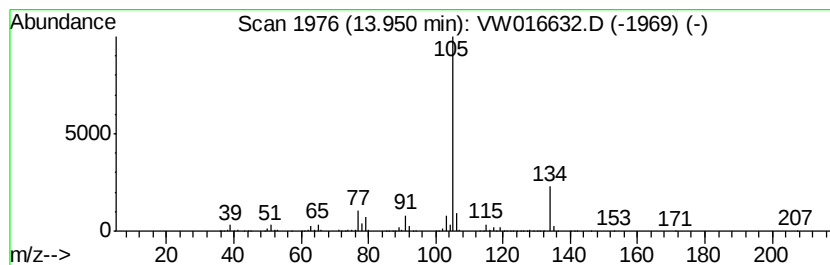
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, 1-methyl-2-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	18.67 ug/L	5932600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

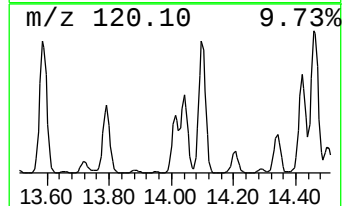
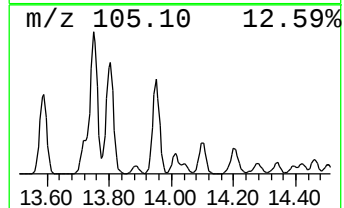
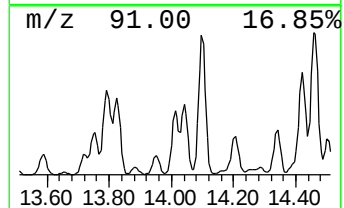
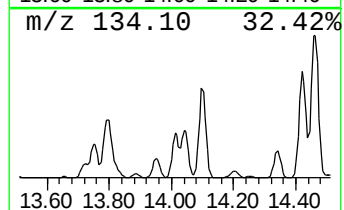
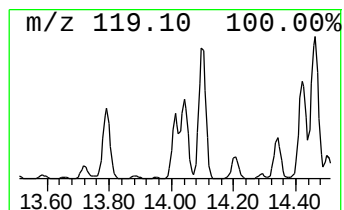
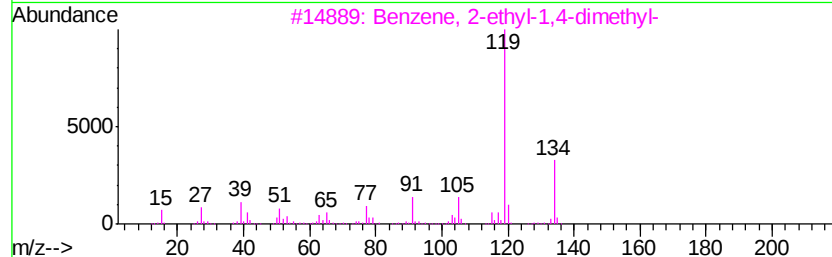
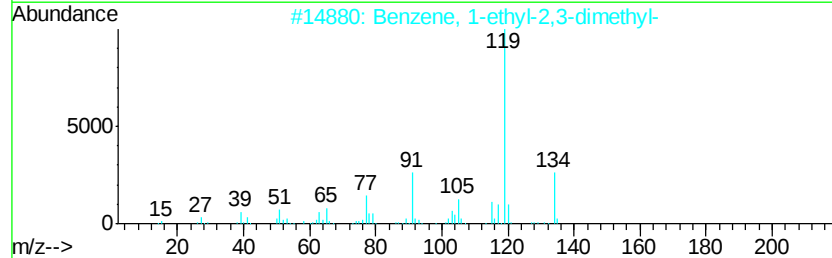
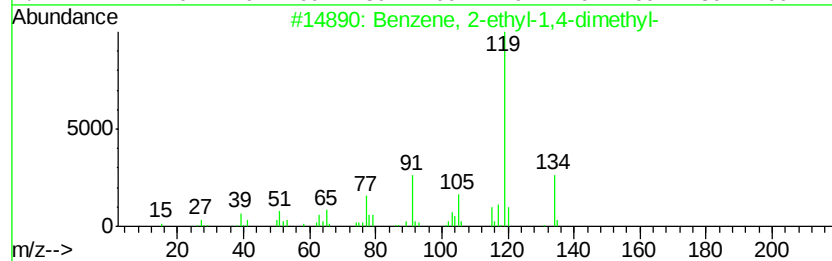
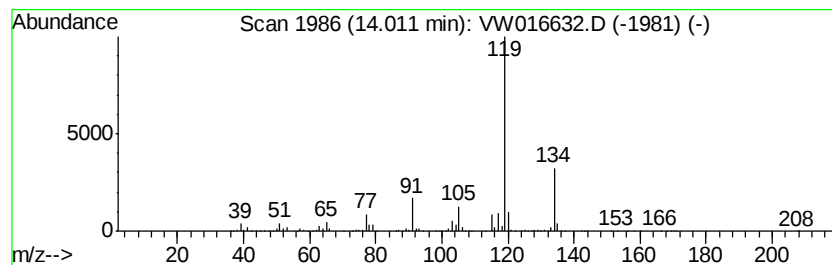
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	34.87 ug/L	11083000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

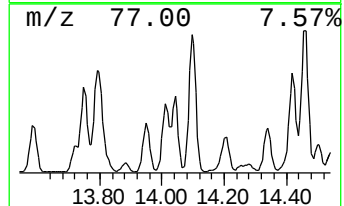
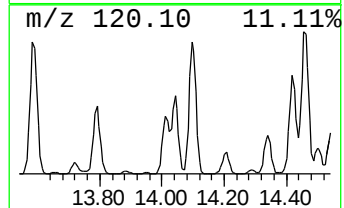
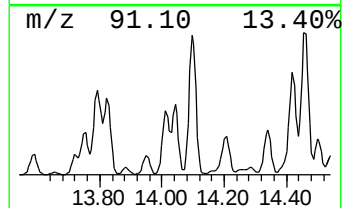
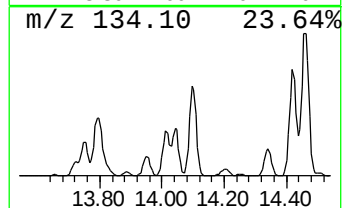
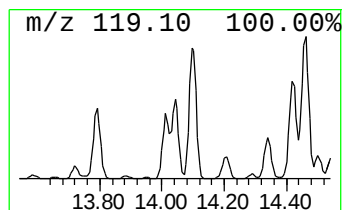
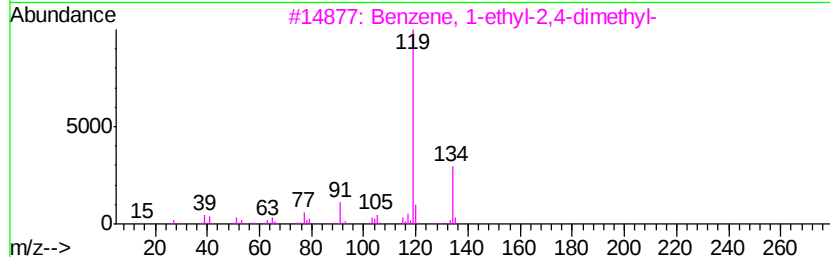
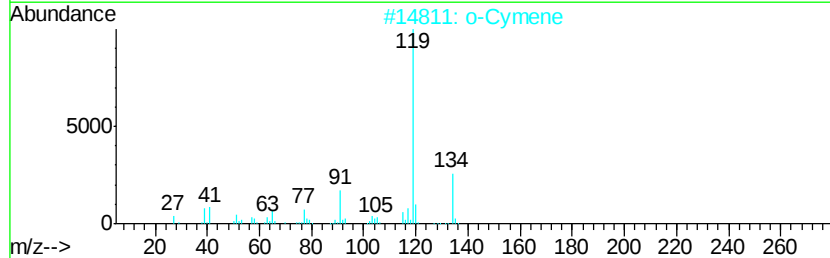
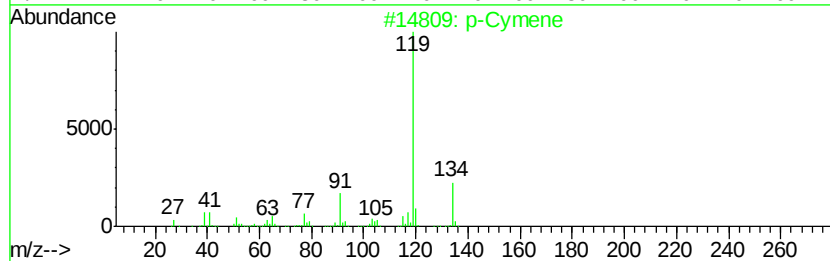
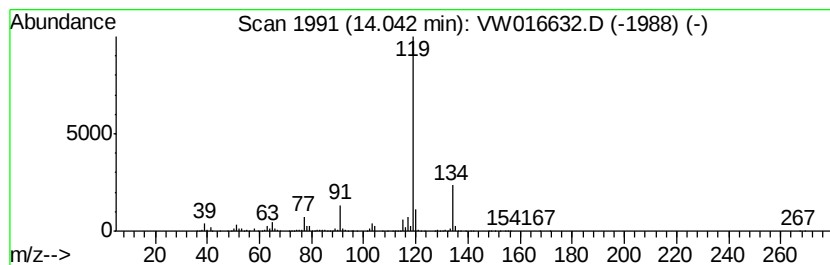
Instrument :
MSVOA_W
ClientSampleId :
BG3X3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	41.81 ug/L	13289900	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	95
2	o-Cymene	134 C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	91
5	o-Cymene	134 C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

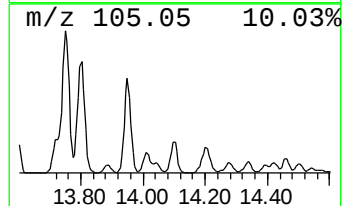
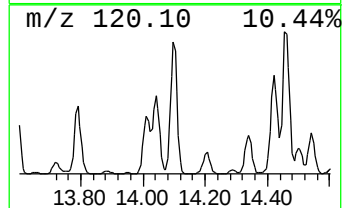
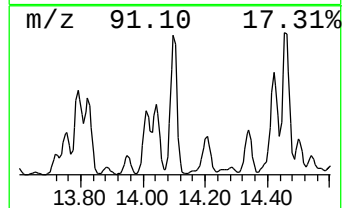
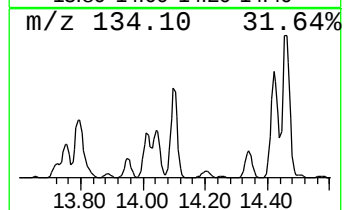
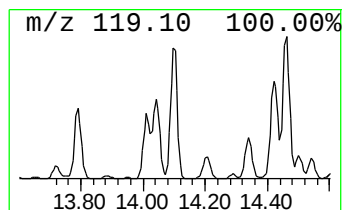
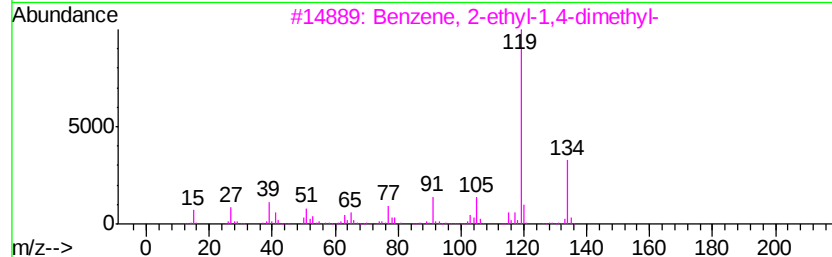
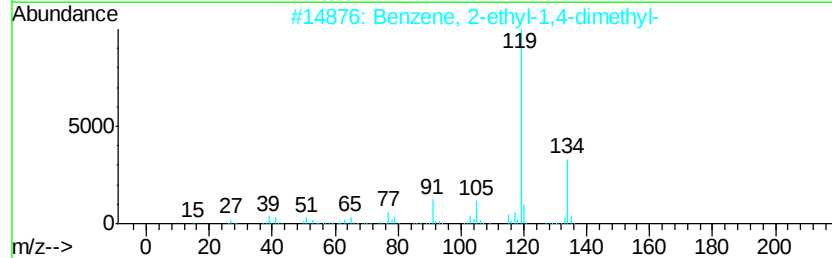
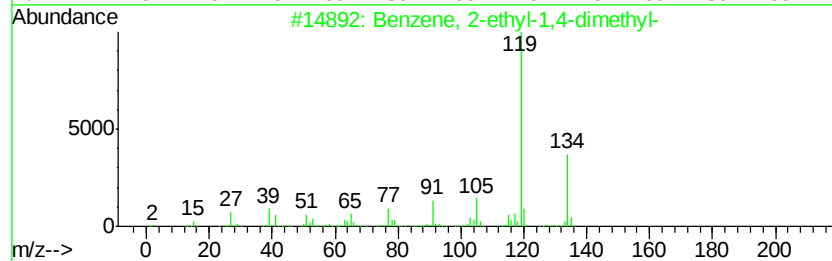
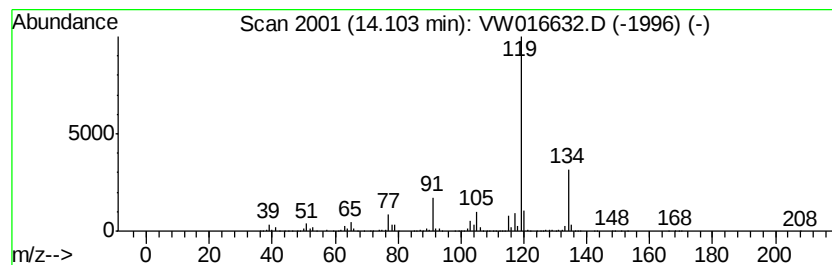
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	73.63 ug/L	23402400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

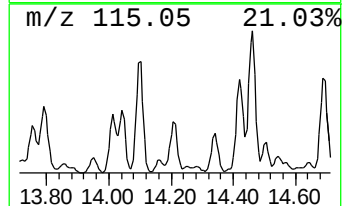
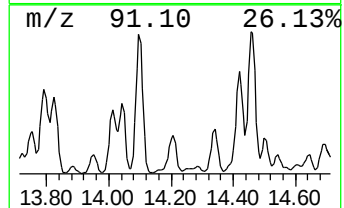
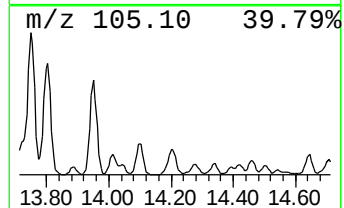
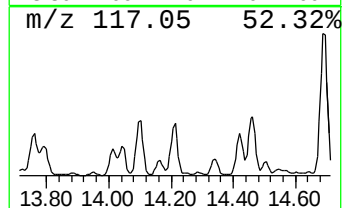
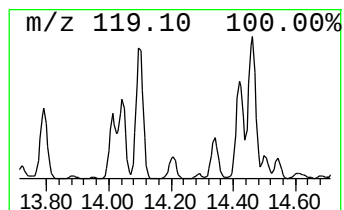
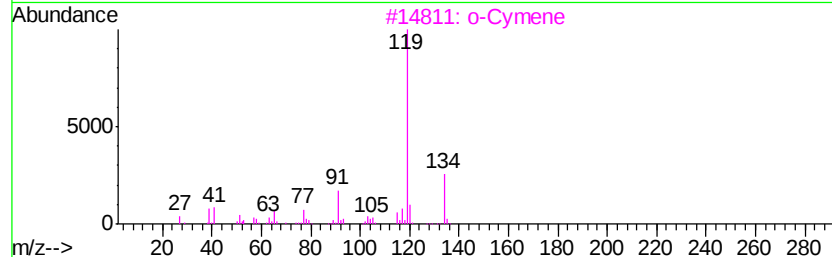
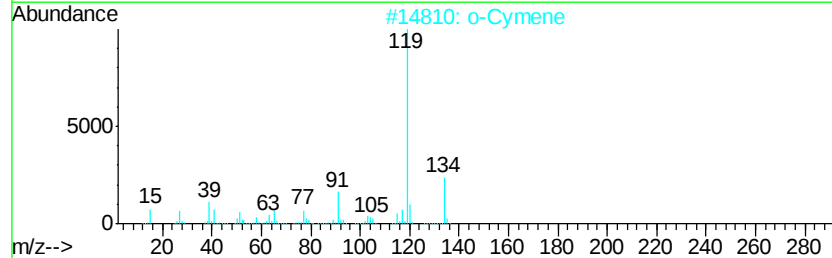
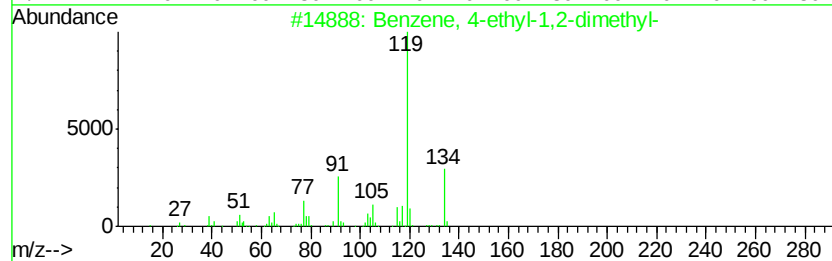
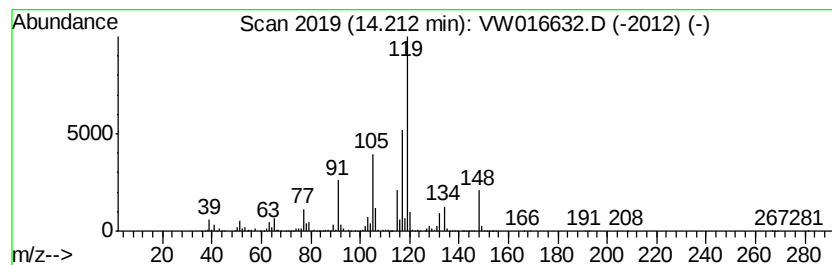
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	21.17 ug/L	6728890	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2		o-Cymene	134	C10H14	000527-84-4	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	62
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

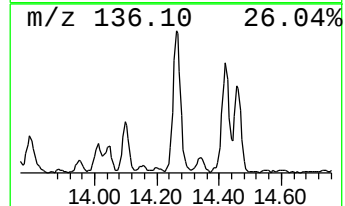
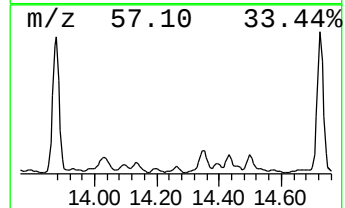
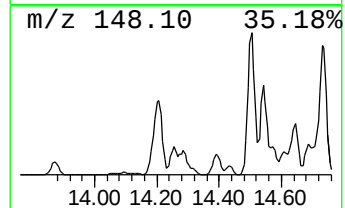
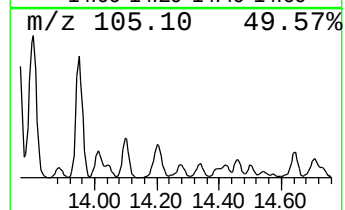
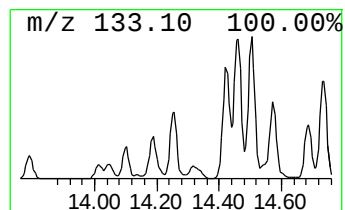
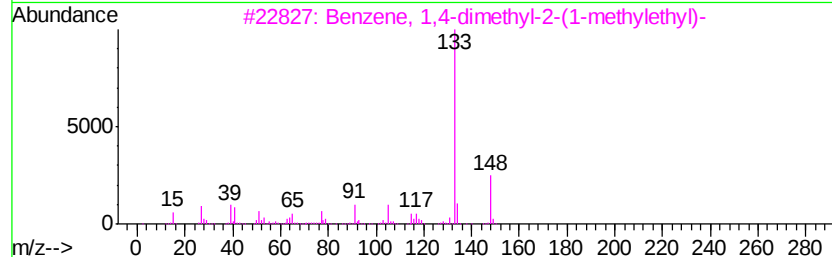
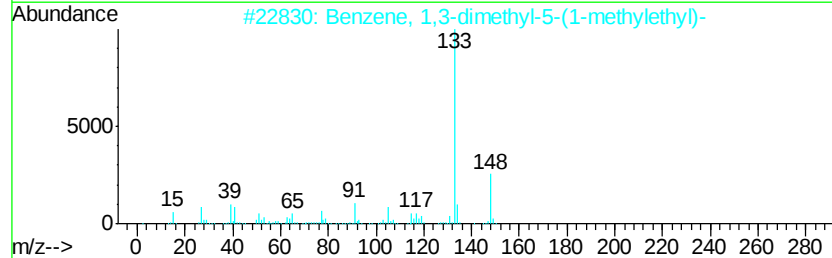
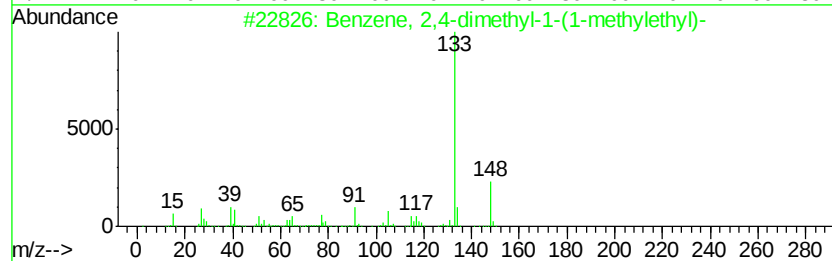
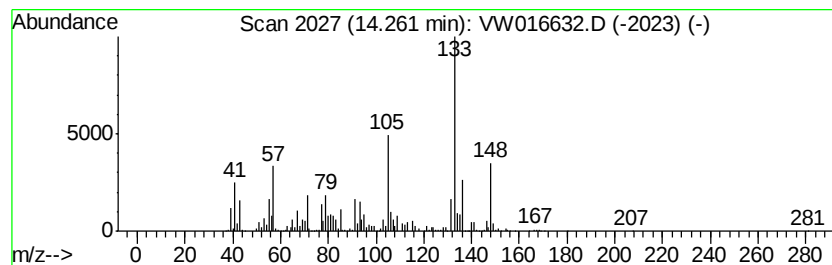
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	6.49 ug/L	2063870	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	83
2		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	74
3		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	72
4		Benzene, 1-(1,1-dimethylethyl)-3-...	148	C11H16	001075-38-3	64
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

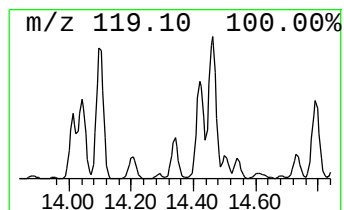
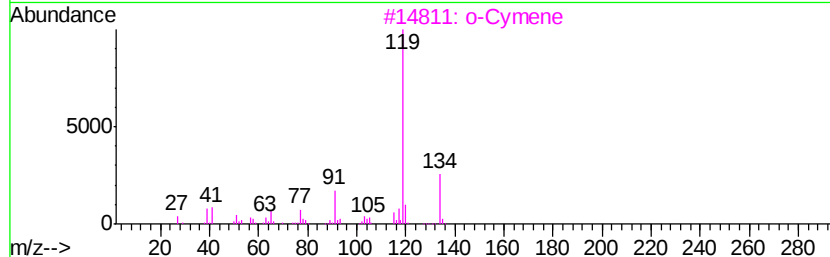
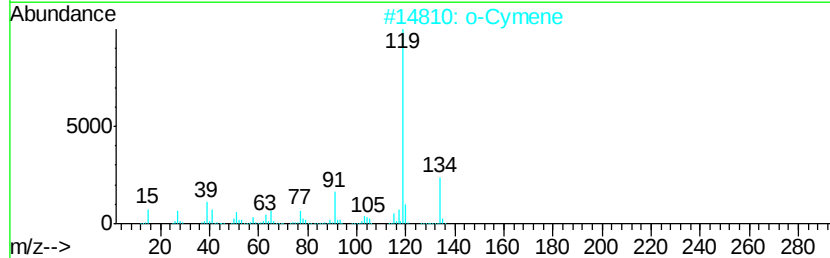
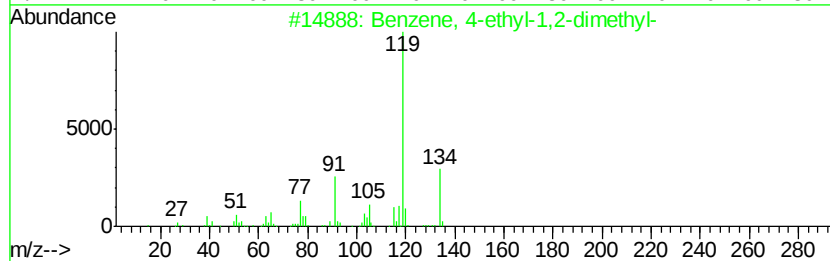
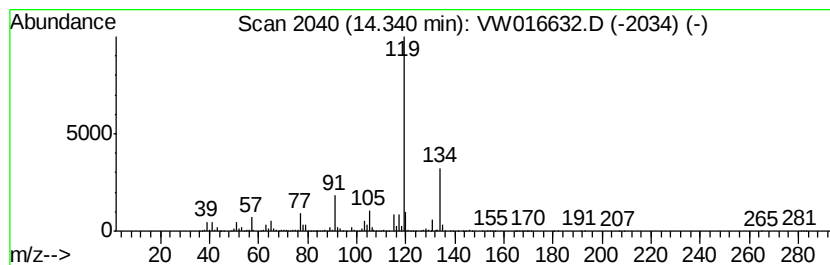
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	26.15 ug/L	8309820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

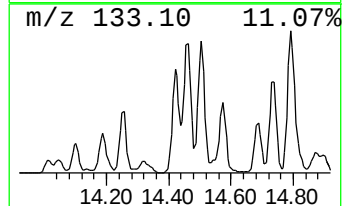
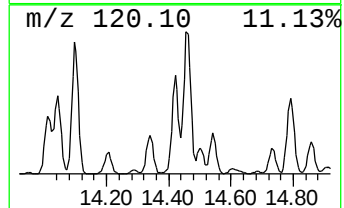
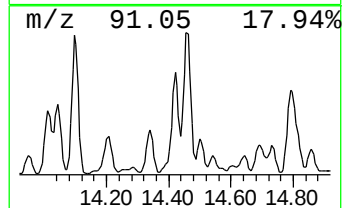
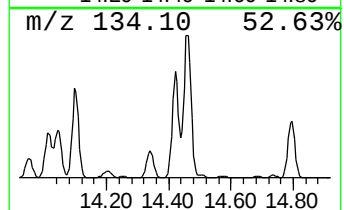
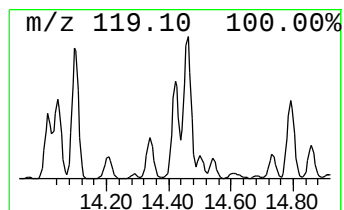
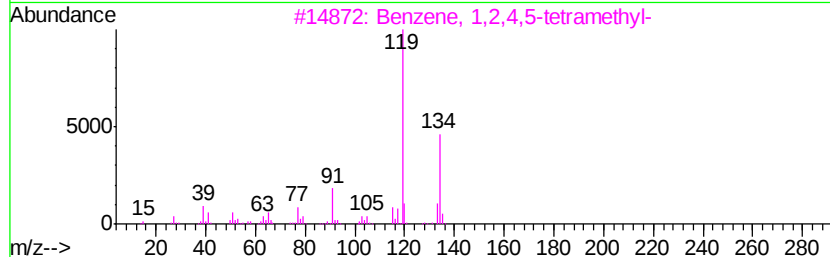
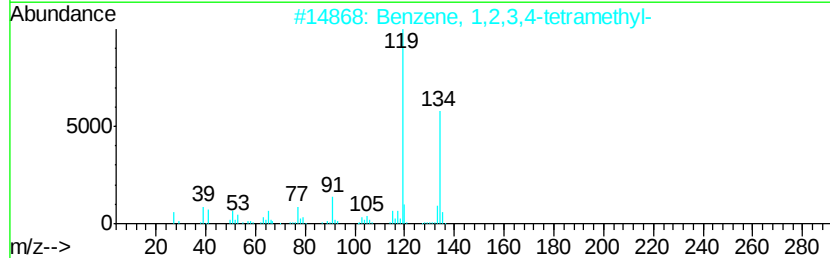
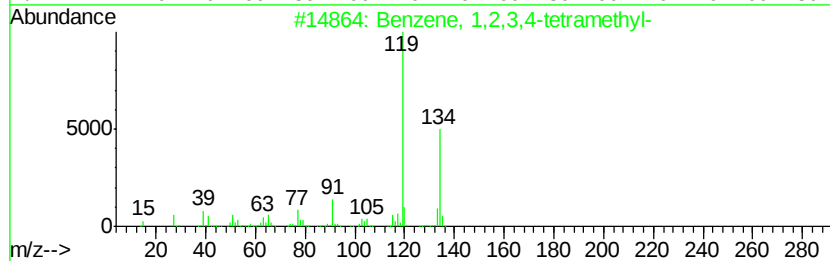
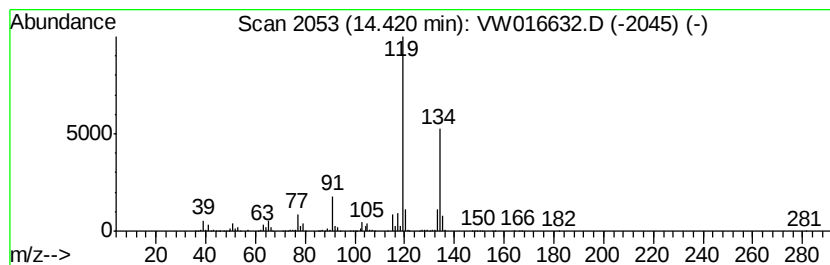
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	69.94 ug/L	22228700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

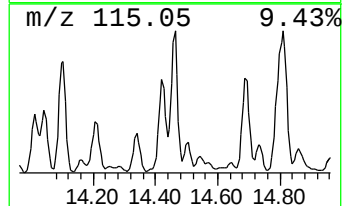
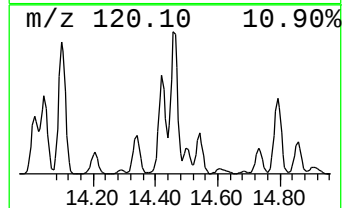
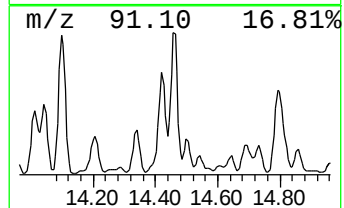
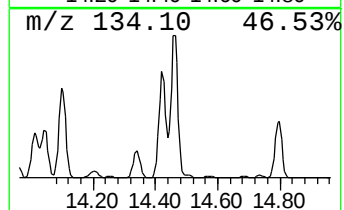
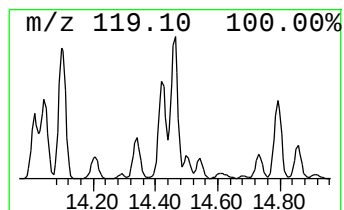
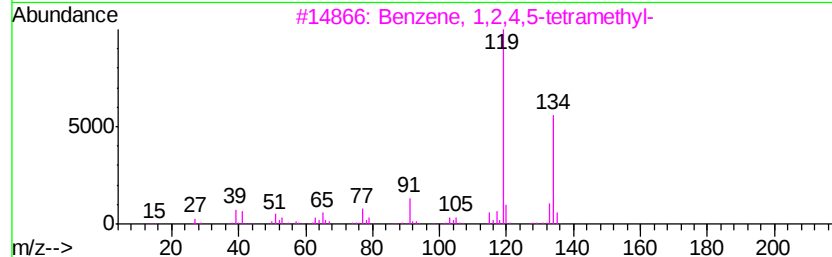
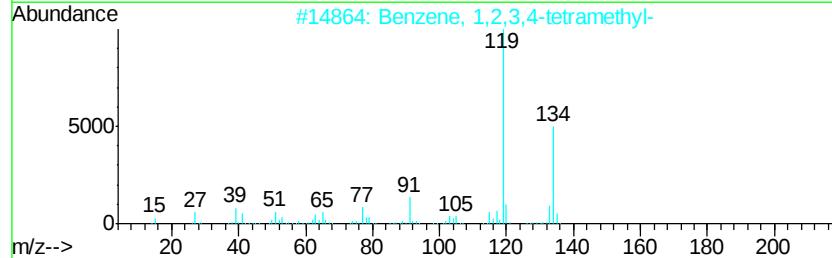
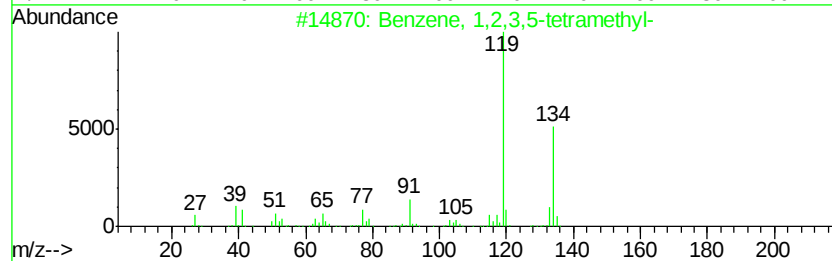
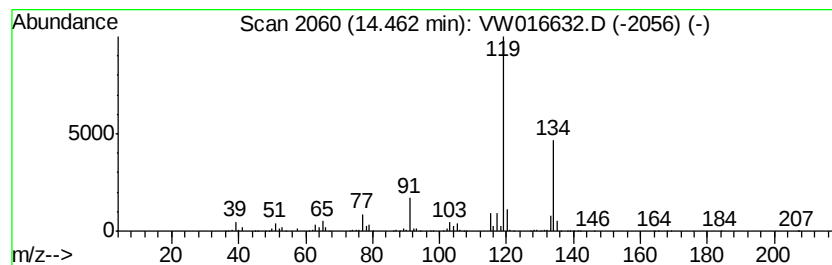
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	85.40 ug/L	27142100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

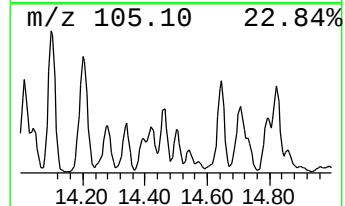
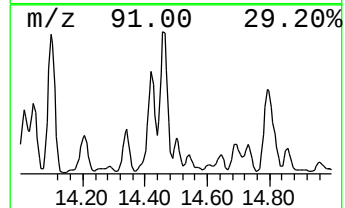
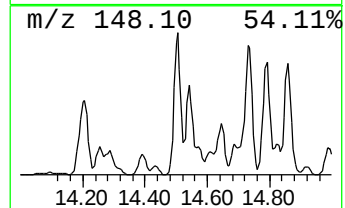
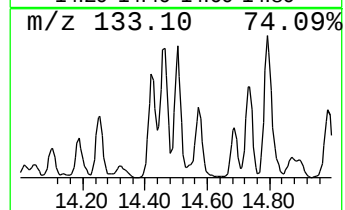
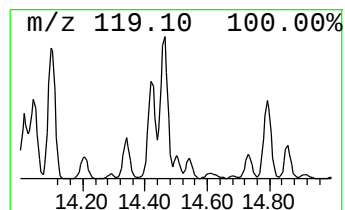
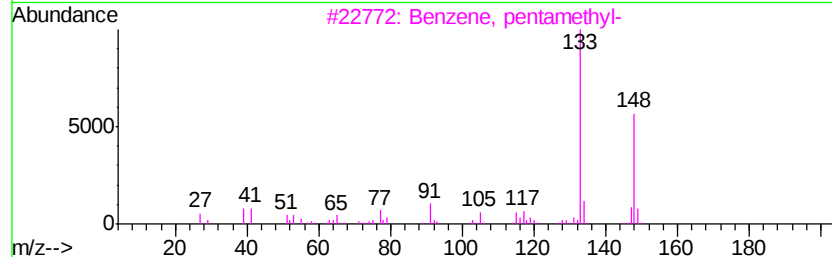
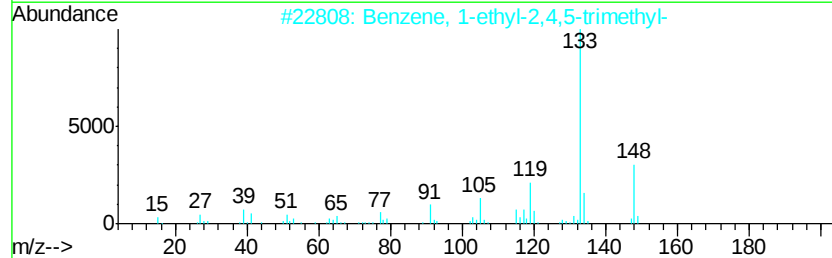
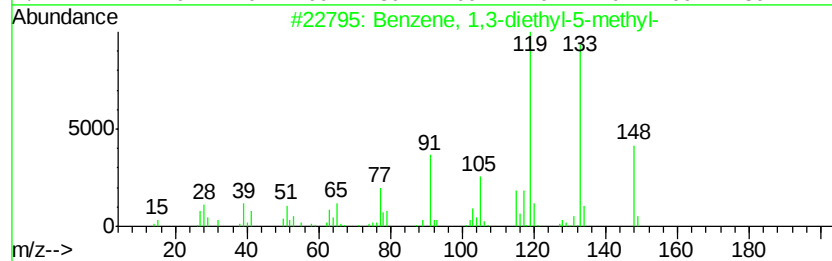
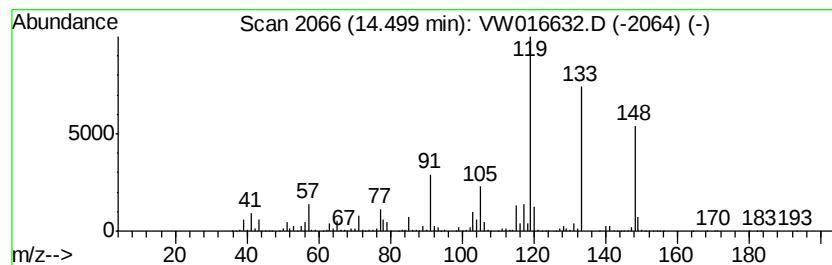
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	16.70 ug/L	5307320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	55
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

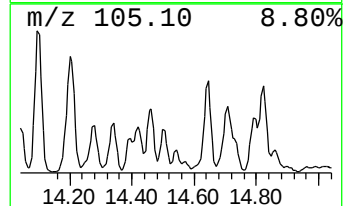
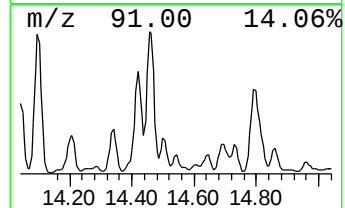
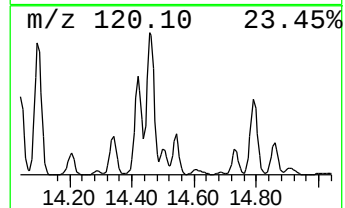
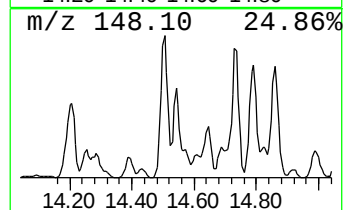
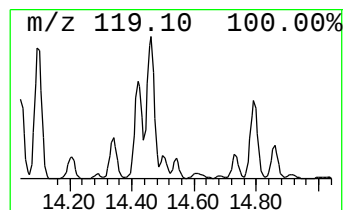
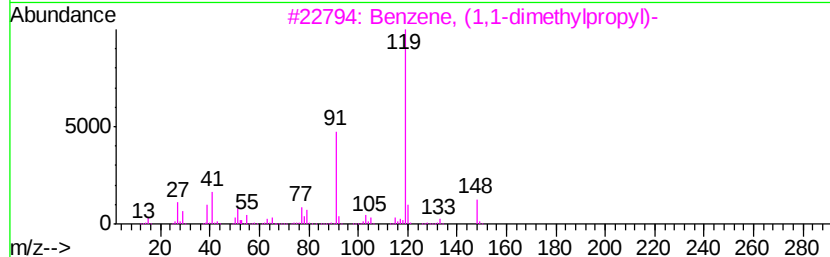
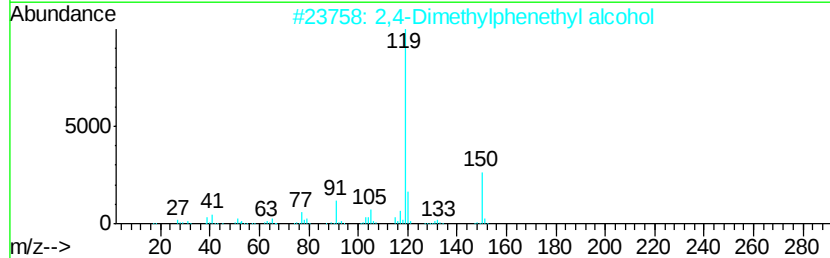
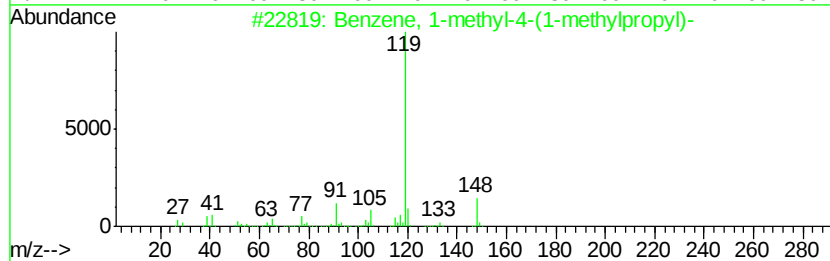
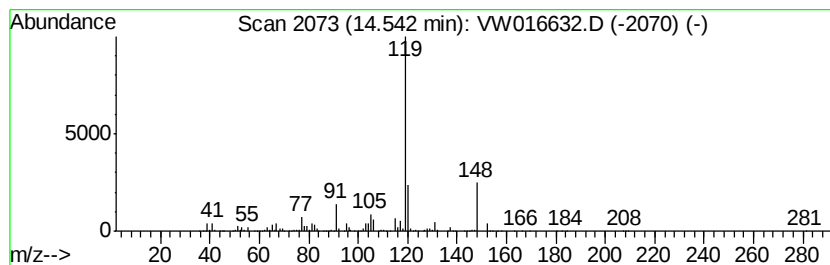
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	12.52 ug/L	3979840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

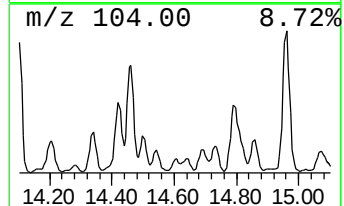
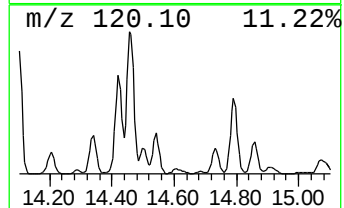
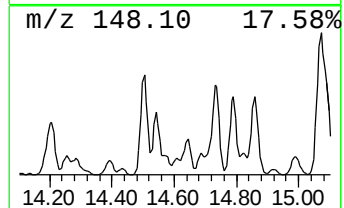
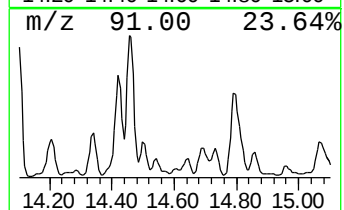
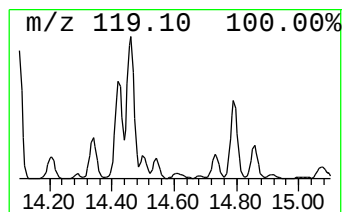
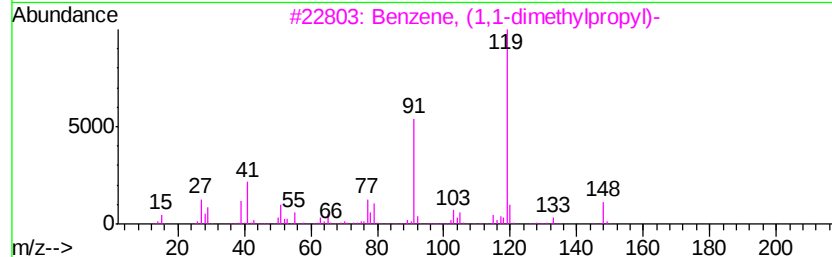
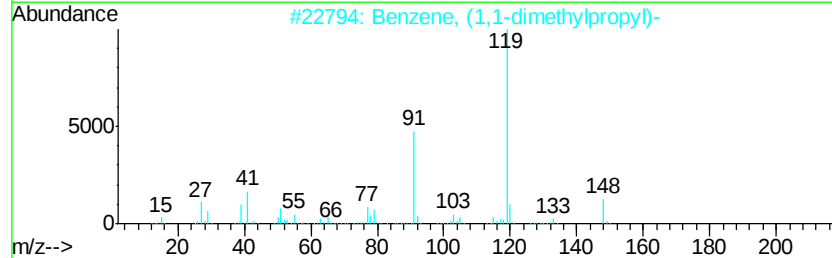
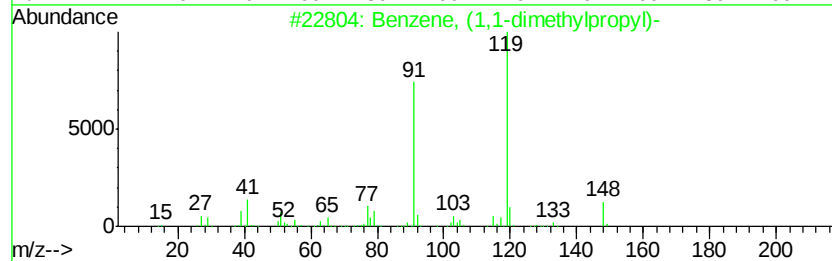
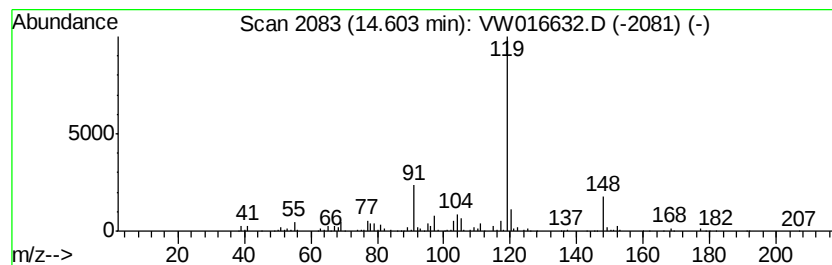
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Benzene, (1,1-dimethylpropyl)- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	1.41 ug/L	447071	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

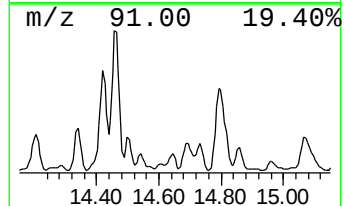
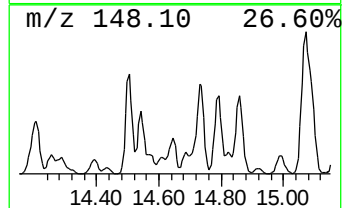
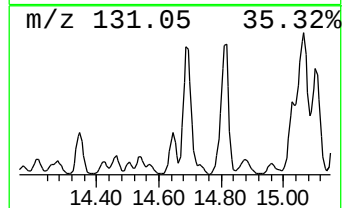
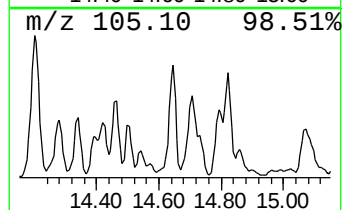
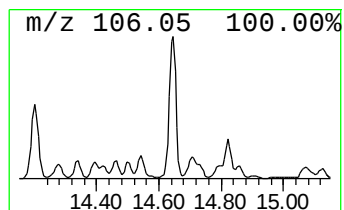
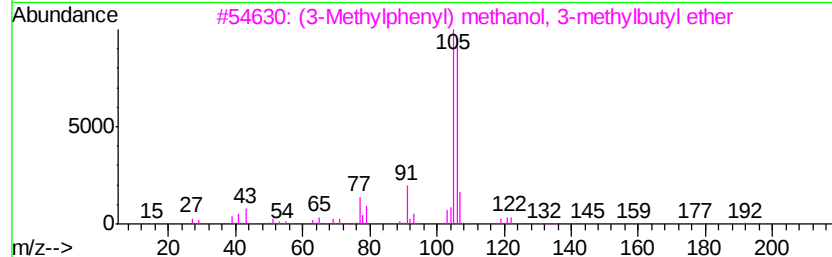
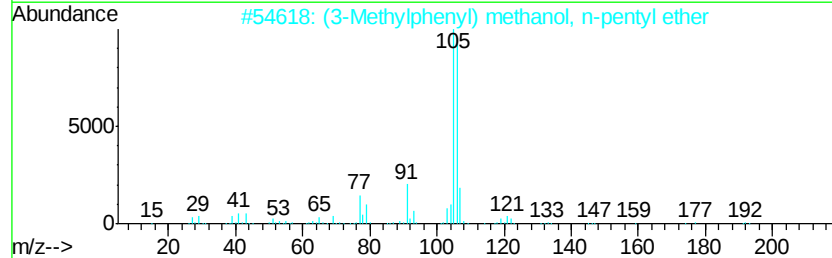
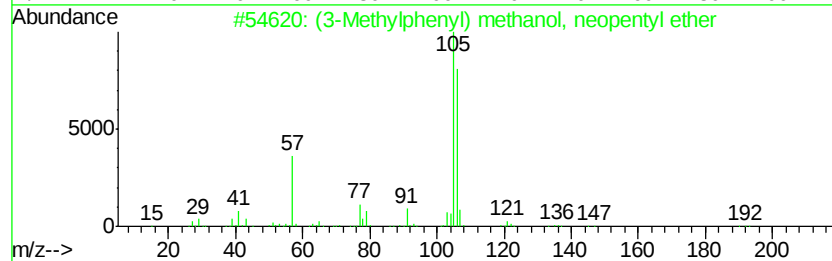
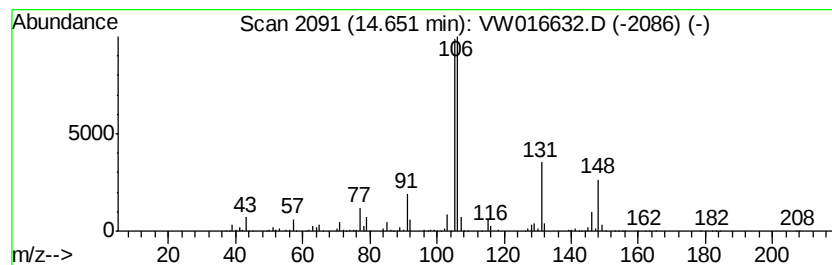
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (3-Methylphenyl) methanol, ... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	5.41 ug/L	1718600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	50
2		(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	50
3		(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	40
4		2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	40
5		Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

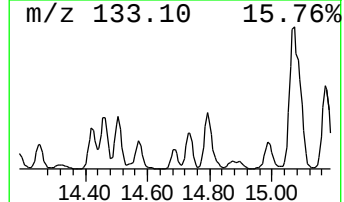
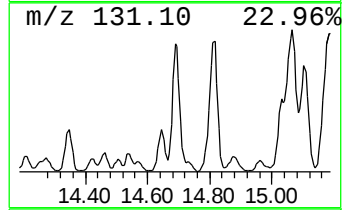
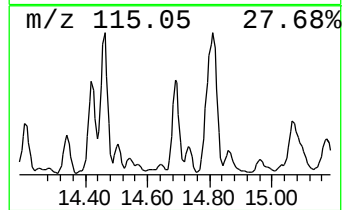
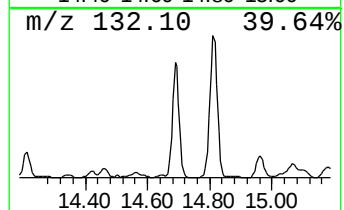
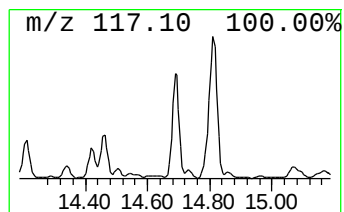
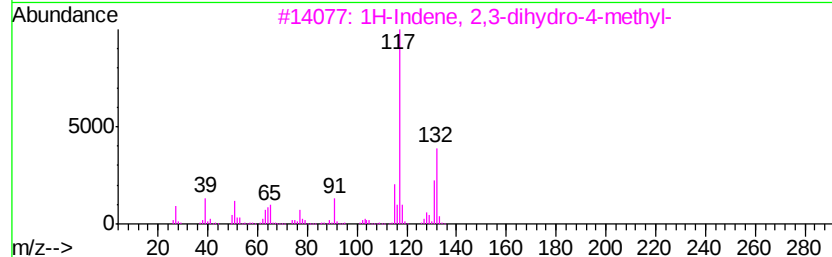
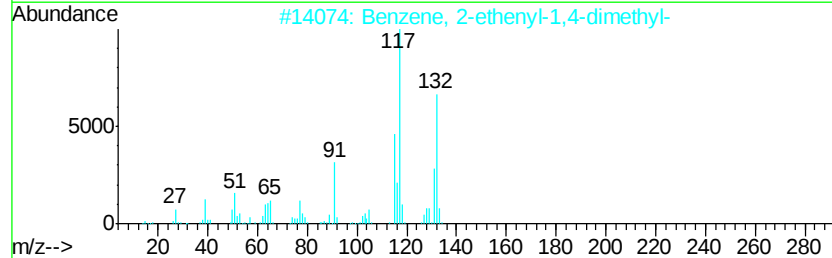
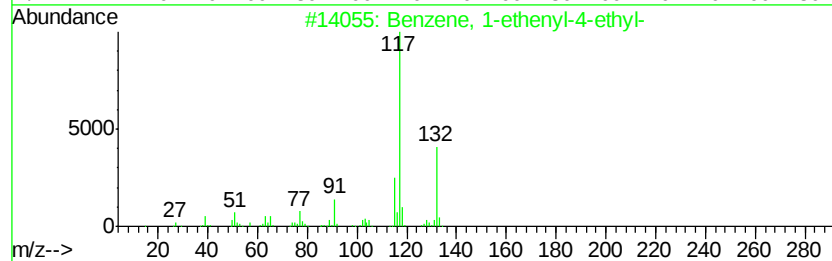
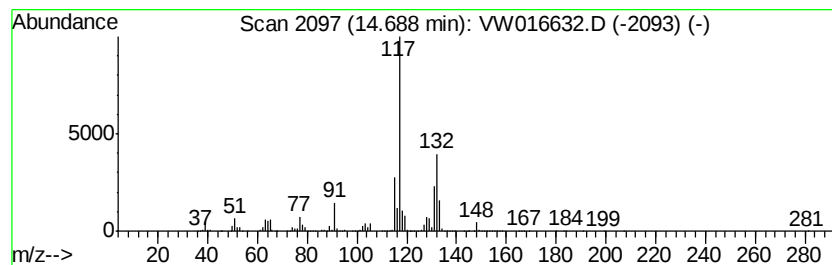
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	22.64 ug/L	7194360	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

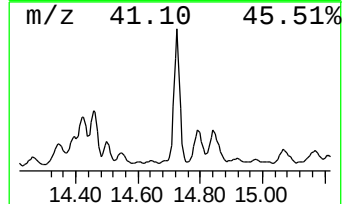
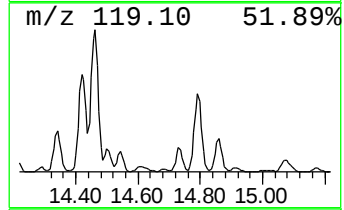
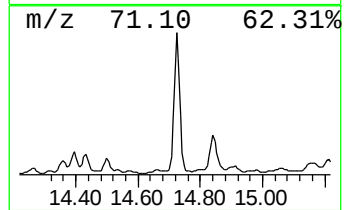
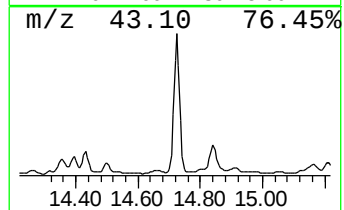
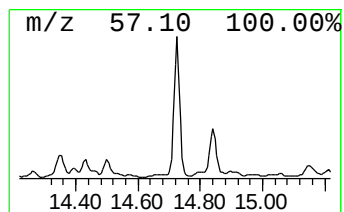
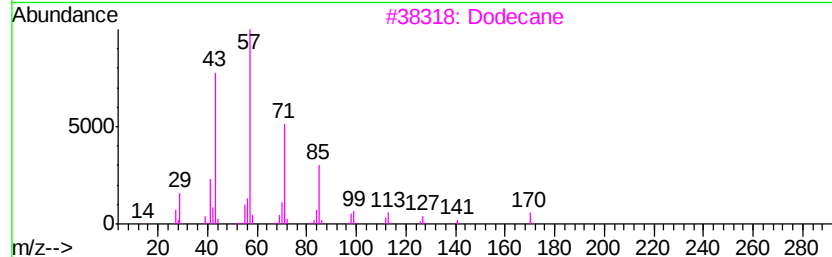
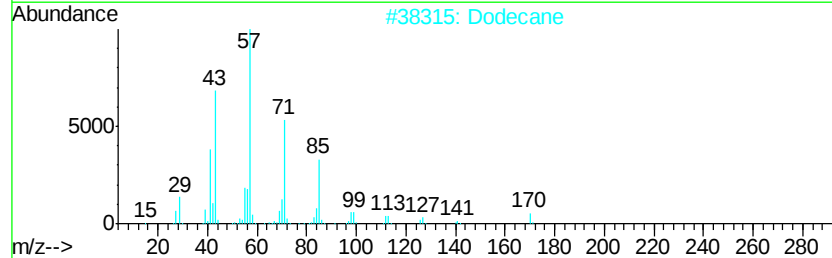
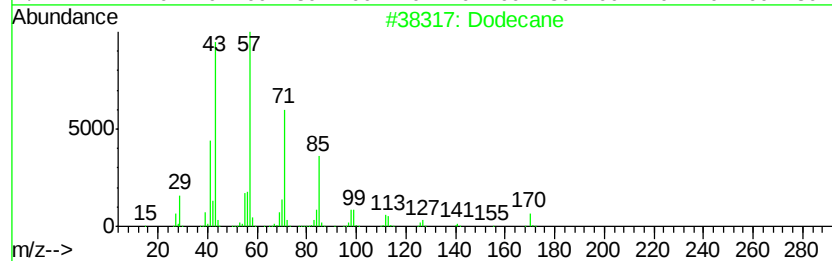
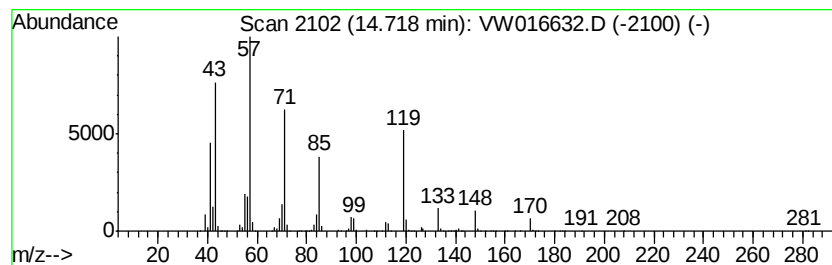
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	35.78 ug/L	11370900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Dodecane	170	C12H26	000112-40-3	90
3		Dodecane	170	C12H26	000112-40-3	60
4		Dodecane	170	C12H26	000112-40-3	42
5		Undecane	156	C11H24	001120-21-4	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

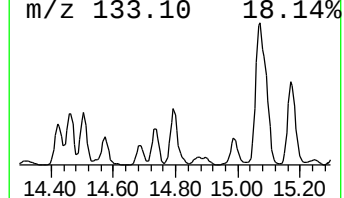
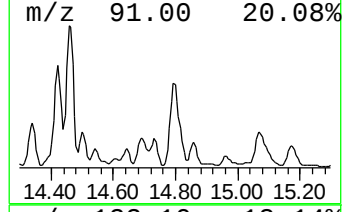
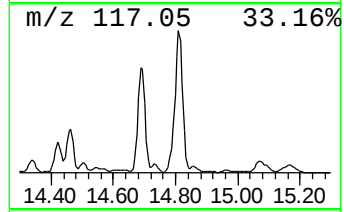
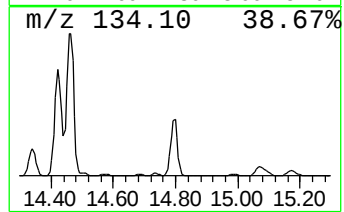
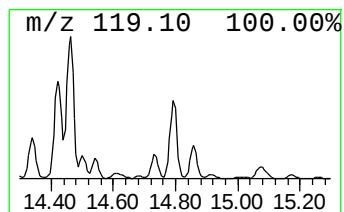
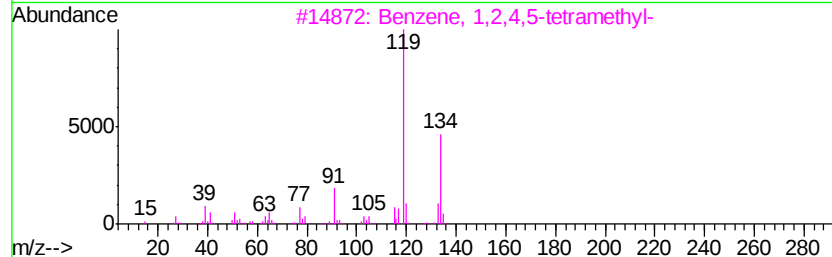
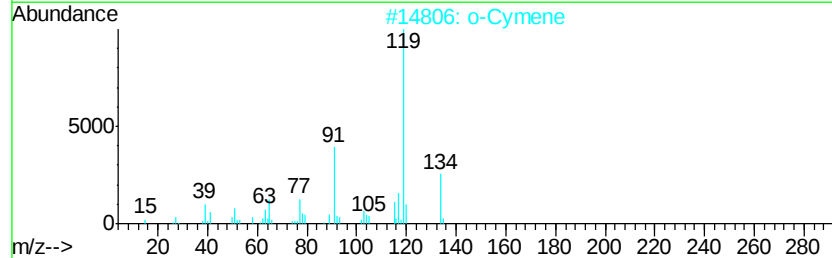
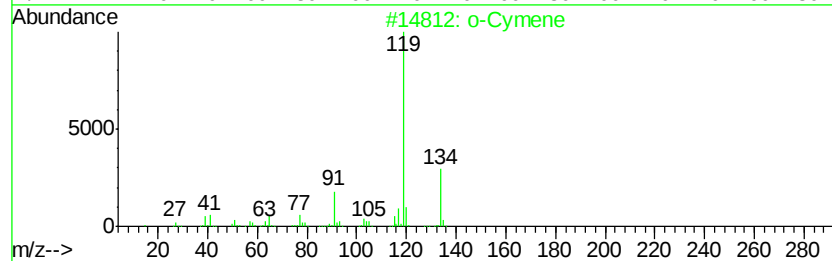
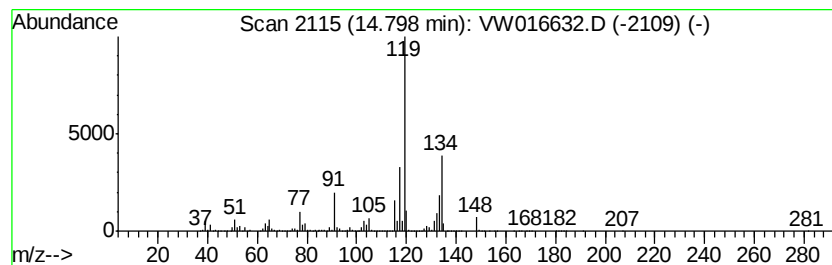
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	81.01 ug/L	25745600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	76
2		o-Cymene	134	C10H14	000527-84-4	76
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	74
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

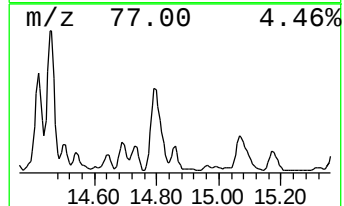
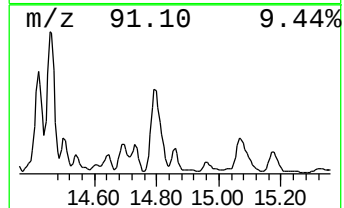
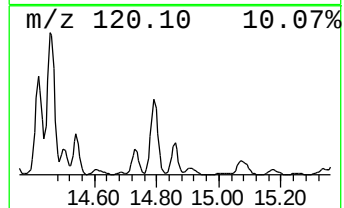
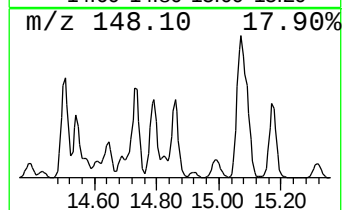
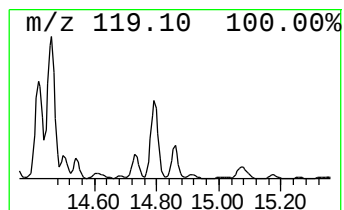
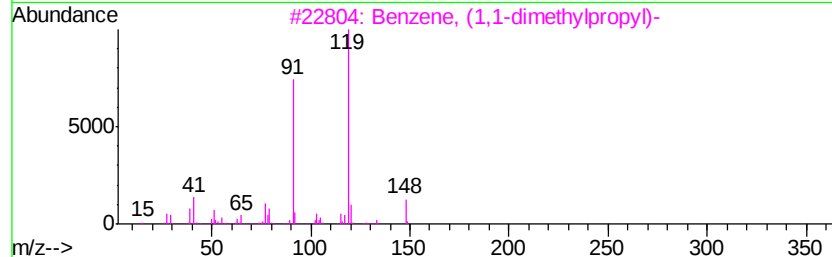
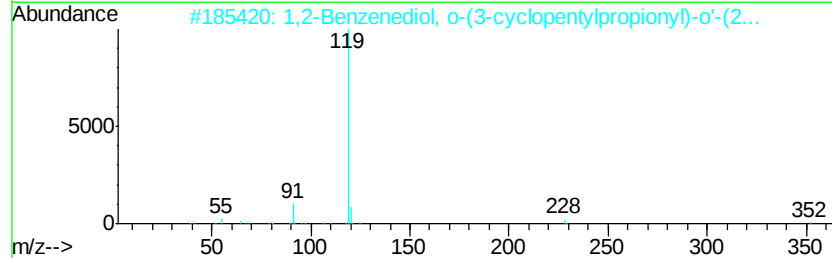
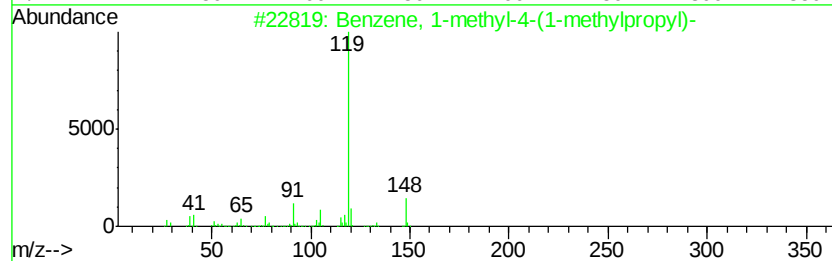
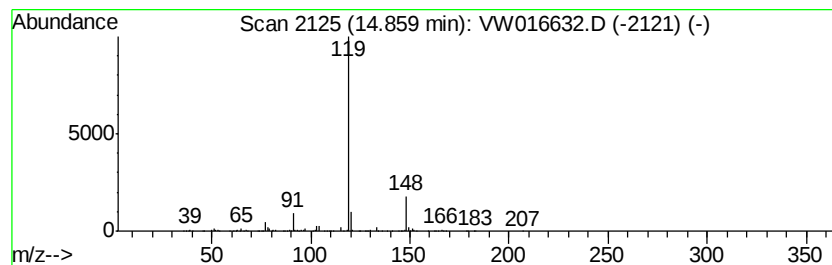
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 1,2-Benzenediol, o-(3-cyclo... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	17.76 ug/L	5644490	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	78
2		1,2-Benzenediol, o-(3-cyclopenty...	352	C22H24O4	1000325-95-6	64
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4		4'-Methylpropiophenone	148	C10H12O	005337-93-9	50
5		1,2-Benzenediol, o-(2-chlorobenz...	366	C21H15ClO4	1000325-98-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

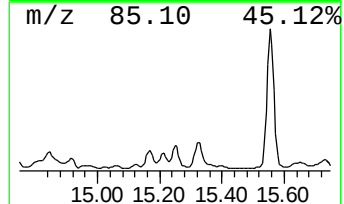
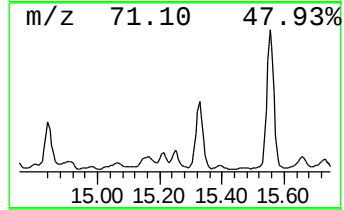
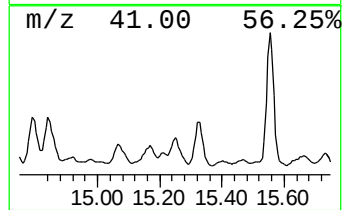
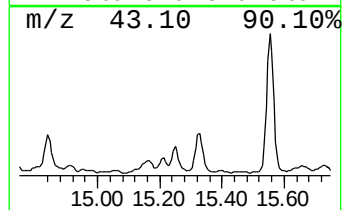
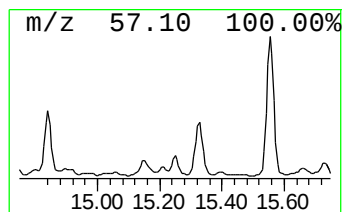
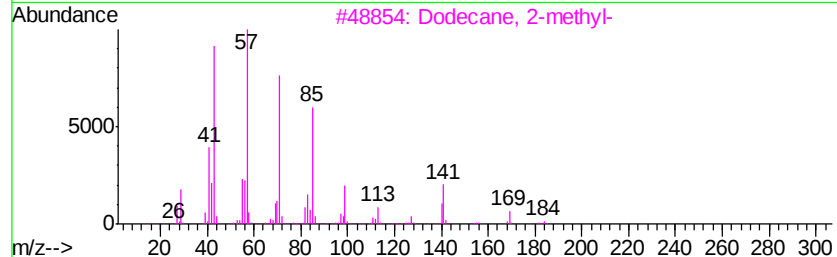
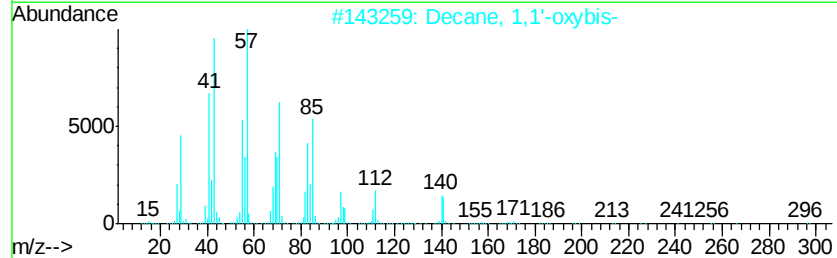
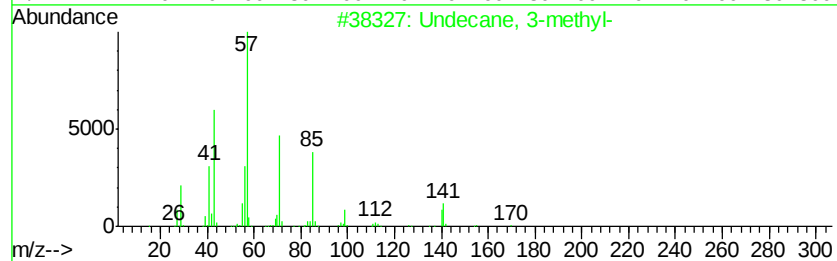
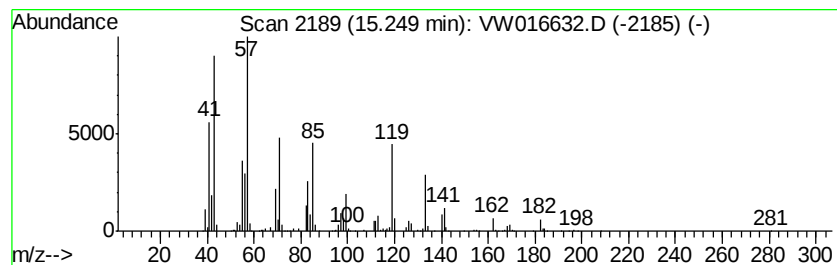
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	5.84 ug/L	1854980	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
2			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
4			Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	47
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

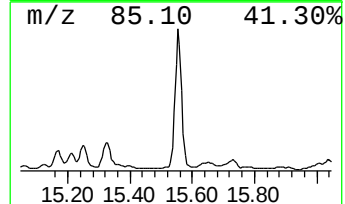
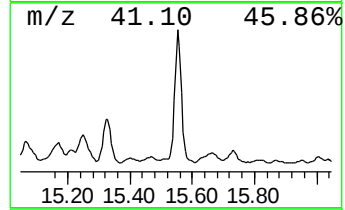
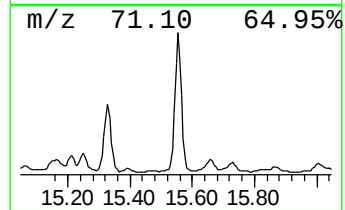
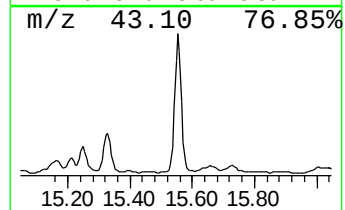
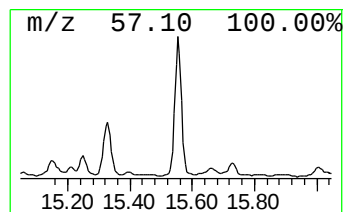
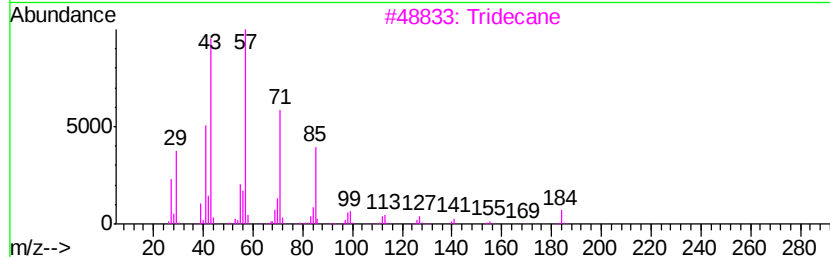
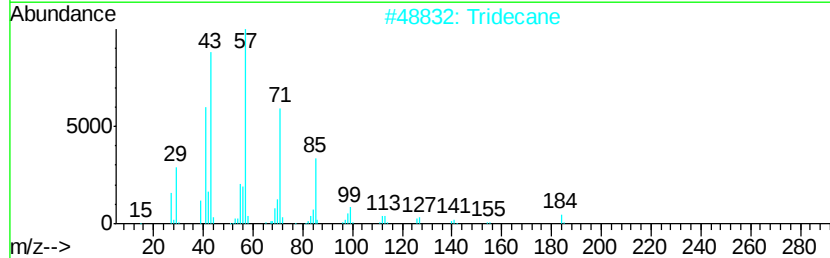
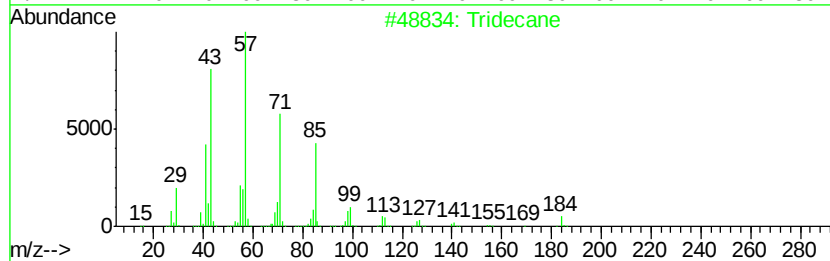
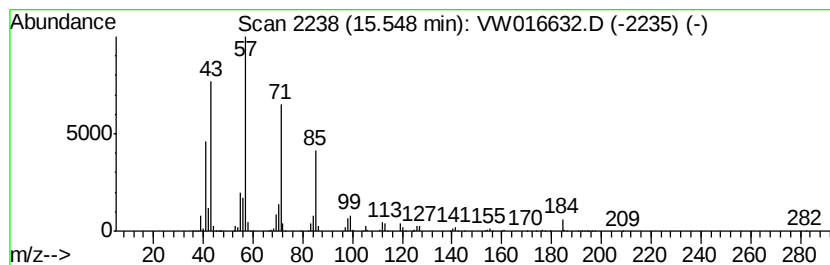
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	21.72 ug/L	6903050	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	98
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	94
4		Tridecane	184	C13H28	000629-50-5	90
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

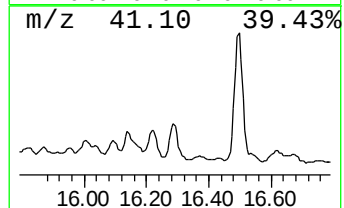
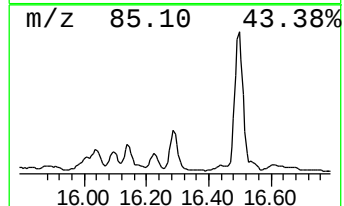
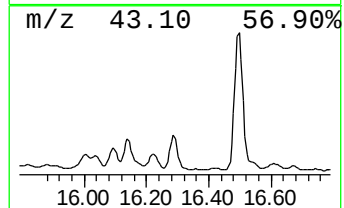
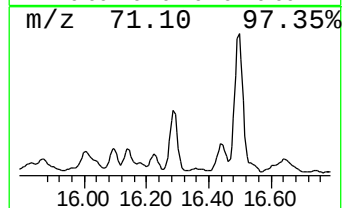
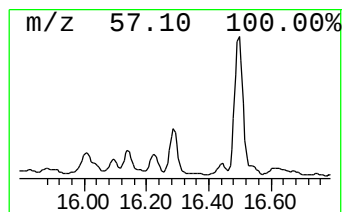
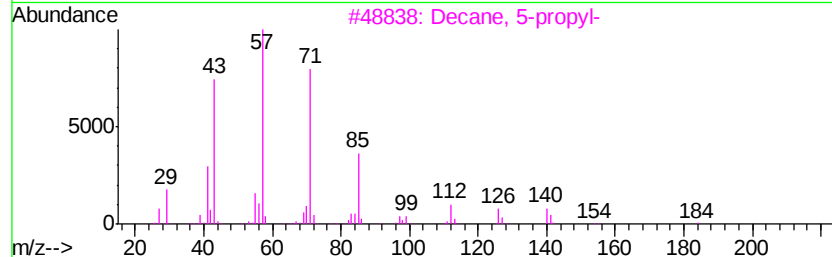
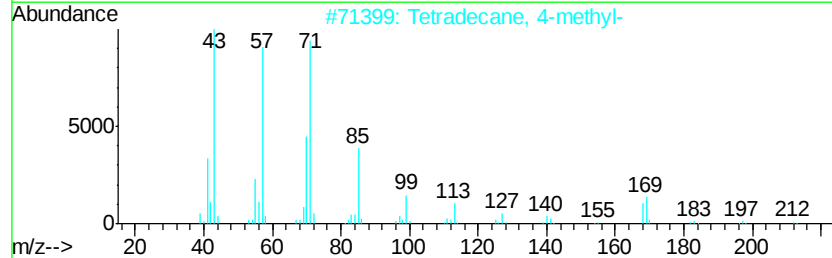
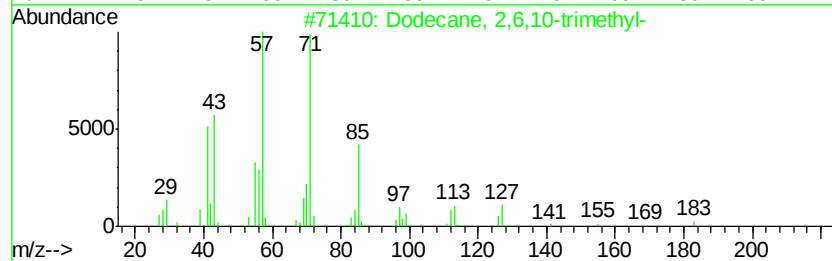
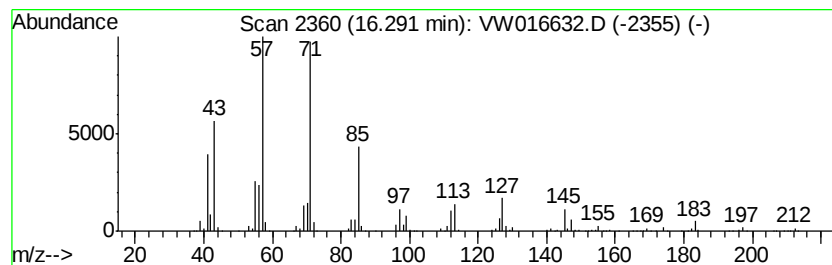
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.54 ug/L	806639	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
3			Decane, 5-propyl-	184	C13H28	017312-62-8	68
4			Decane, 3-methyl-	156	C11H24	013151-34-3	58
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X3

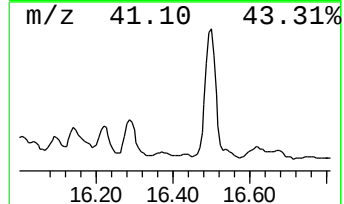
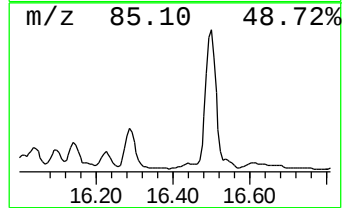
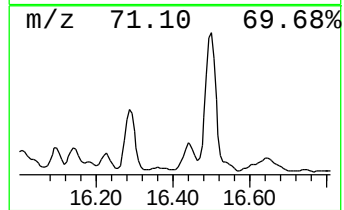
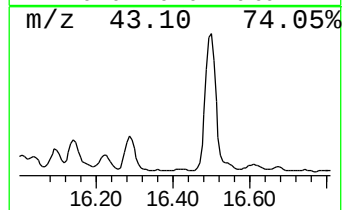
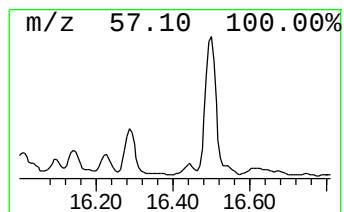
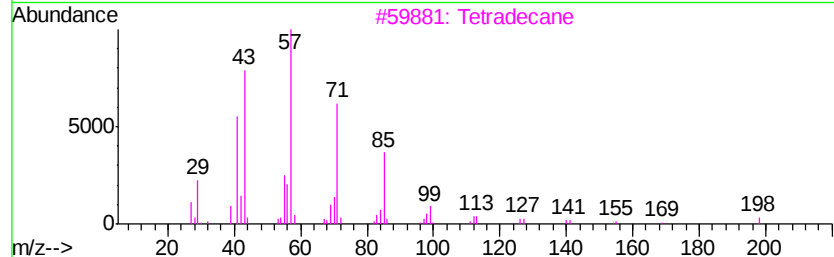
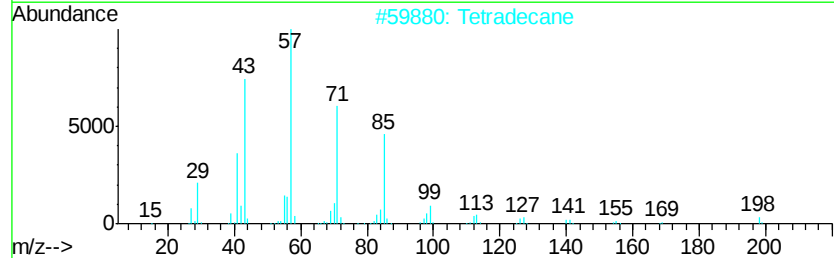
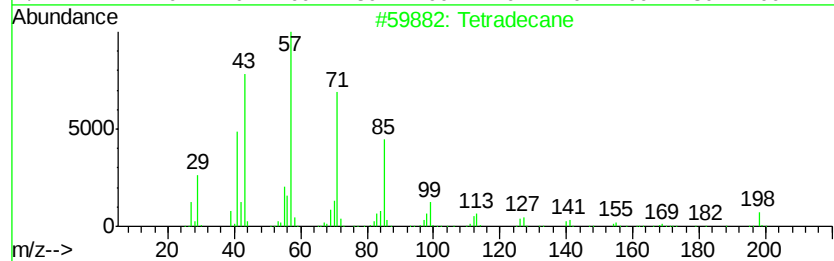
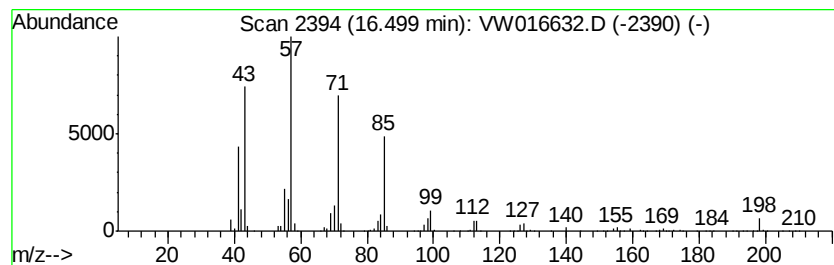
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	8.74 ug/L	2776540	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Tetradecane	198	C14H30	000629-59-4	98
3		Tetradecane	198	C14H30	000629-59-4	95
4		Tetradecane	198	C14H30	000629-59-4	94
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092420\
 Data File : VW016632.D
 Acq On : 23 Sep 2020 15:37
 Operator : SY/VA
 Sample : L4109-13
 Misc : 5.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.45	68.6	ug/L	3648090	1	8.85	1329930	25.0
(DEL) Alkane: Str...	5.95	165.3	ug/L	8794160	1	8.85	1329930	25.0
(DEL) Alkane: Str...	6.73	19.2	ug/L	1019820	1	8.85	1329930	25.0
(DEL) Alkane: Str...	6.88	15.8	ug/L	840988	1	8.85	1329930	25.0
(DEL) Alkane: Cyc...	6.99	31.8	ug/L	1690960	1	8.85	1329930	25.0
(DEL) Alkane: Str...	9.90	3.1	ug/L	166802	1	8.85	1329930	25.0
(DEL) Alkane: Str...	10.10	4.0	ug/L	211418	1	8.85	1329930	25.0
(DEL) Alkane: Str...	10.25	3.3	ug/L	174329	2	11.63	1308210	25.0
(DEL) Alkane: Str...	10.51	4.3	ug/L	222579	2	11.63	1308210	25.0
(DEL) Alkane: Cyc...	10.67	3.3	ug/L	174809	2	11.63	1308210	25.0
(DEL) Alkane: Cyc...	11.18	3.4	ug/L	180177	2	11.63	1308210	25.0
(DEL) Alkane: Cyc...	11.23	3.8	ug/L	199481	2	11.63	1308210	25.0
(DEL) Alkane: Str...	11.41	2.4	ug/L	124501	2	11.63	1308210	25.0
(DEL) Alkane: Str...	11.51	2.5	ug/L	128896	2	11.63	1308210	25.0
(DEL) Alkane: Cyc...	11.92	3.1	ug/L	160804	2	11.63	1308210	25.0
(DEL) Alkane: Str...	12.06	2.7	ug/L	142306	2	11.63	1308210	25.0
(DEL) Alkane: Str...	12.26	10.9	ug/L	570183	2	11.63	1308210	25.0
1H-Indene, octahy...	12.34	10.0	ug/L	521946	2	11.63	1308210	25.0
(DEL) Alkane: Str...	12.54	7.6	ug/L	396506	2	11.63	1308210	25.0
unknown-01	12.57	5.2	ug/L	270451	2	11.63	1308210	25.0
Benzene, propyl-	12.80	6.0	ug/L	1902850	3	13.56	7945680	25.0
Benzene, 1-ethyl-...	12.87	16.4	ug/L	5223710	3	13.56	7945680	25.0
Benzene, 1-ethyl-...	12.90	5.8	ug/L	1840980	3	13.56	7945680	25.0
Mesitylene	12.94	23.1	ug/L	7358410	3	13.56	7945680	25.0
4-Heptanone, 2,6-...	13.04	6.1	ug/L	1944170	3	13.56	7945680	25.0
Benzene, 1-ethyl-...	13.10	9.5	ug/L	3030180	3	13.56	7945680	25.0
(DEL) Alkane: Str...	13.16	4.5	ug/L	1415410	3	13.56	7945680	25.0
Benzene, 1,2,3-tr...	13.26	40.1	ug/L	12735700	3	13.56	7945680	25.0
Benzene, 1-methyl...	13.38	5.3	ug/L	1668550	3	13.56	7945680	25.0
o-Cymene	13.44	9.2	ug/L	2914250	3	13.56	7945680	25.0
Benzene, 1,3-diet...	13.72	12.8	ug/L	4051660	3	13.56	7945680	25.0
Benzene, 1-methyl...	13.75	32.4	ug/L	10304900	3	13.56	7945680	25.0
Benzene, 2-ethyl-...	13.79	63.2	ug/L	20076100	3	13.56	7945680	25.0
Benzene, 1-methyl...	13.95	18.7	ug/L	5932600	3	13.56	7945680	25.0
Benzene, 1-ethyl-...	14.01	34.9	ug/L	11083000	3	13.56	7945680	25.0
p-Cymene	14.04	41.8	ug/L	13289900	3	13.56	7945680	25.0
Benzene, 2-ethyl-...	14.10	73.6	ug/L	23402400	3	13.56	7945680	25.0
Benzene, 4-ethyl-...	14.21	21.2	ug/L	6728890	3	13.56	7945680	25.0
Benzene, 2,4-dime...	14.26	6.5	ug/L	2063870	3	13.56	7945680	25.0
unknown-02	14.34	26.1	ug/L	8309820	3	13.56	7945680	25.0
Benzene, 1,2,3,4-...	14.42	69.9	ug/L	22228700	3	13.56	7945680	25.0
Benzene, 1,2,3,5-...	14.46	85.4	ug/L	27142100	3	13.56	7945680	25.0
Benzene, 1,3-diet...	14.50	16.7	ug/L	5307320	3	13.56	7945680	25.0
Benzene, 1-methyl...	14.54	12.5	ug/L	3979840	3	13.56	7945680	25.0
Benzene, (1,1-dim...	14.60	1.4	ug/L	447071	3	13.56	7945680	25.0
(3-Methylphenyl) ...	14.65	5.4	ug/L	1718600	3	13.56	7945680	25.0
Benzene, 1-etheny...	14.69	22.6	ug/L	7194360	3	13.56	7945680	25.0
(DEL) Alkane: Str...	14.72	35.8	ug/L	11370900	3	13.56	7945680	25.0
1,3-Cyclopentadie...	14.80	81.0	ug/L	25745600	3	13.56	7945680	25.0

1,2-Benzenediol, ...	14.86	17.8 ug/L	5644490	3	13.56	7945680	25.0
(DEL) Alkane: Str...	15.25	5.8 ug/L	1854980	3	13.56	7945680	25.0
(DEL) Alkane: Str...	15.55	21.7 ug/L	6903050	3	13.56	7945680	25.0
(DEL) Alkane: Str...	16.29	2.5 ug/L	806639	3	13.56	7945680	25.0
(DEL) Alkane: Str...	16.50	8.7 ug/L	2776540	3	13.56	7945680	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG3X3