

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016614.D
 Acq On : 22 Sep 2020 16:41
 Operator : SY/VA
 Sample : L4109-04
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W8

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	69	76	88	rBV	137148	276637	1.02%	0.220%
2	2.501	94	98	106	rBV4	3603	9714	0.04%	0.008%
3	2.904	156	164	181	rBV	94175	262408	0.97%	0.209%
4	4.038	335	350	377	rBV3	329305	1343764	4.94%	1.068%
5	4.391	397	408	419	rBV2	5462	16372	0.06%	0.013%
6	4.977	478	504	533	rBV	737174	3142628	11.56%	2.497%
7	5.452	565	582	621	rBV	1350529	4984558	18.33%	3.961%
8	5.775	625	635	649	rVB6	9977	44433	0.16%	0.035%
9	5.952	649	664	682	rBV	3785303	11274455	41.46%	8.960%
10	6.117	684	691	698	rVB2	11266	27979	0.10%	0.022%
11	6.226	699	709	717	rBV2	65687	214525	0.79%	0.170%
12	6.299	717	721	732	rVB2	32393	84435	0.31%	0.067%
13	6.440	732	744	754	rBV	22584	68611	0.25%	0.055%
14	6.568	754	765	772	rBV5	10148	37235	0.14%	0.030%
15	6.732	780	792	807	rBV4	123553	442188	1.63%	0.351%
16	6.885	807	817	824	rBV2	62195	190472	0.70%	0.151%
17	6.988	824	834	845	rBV	1424375	4256389	15.65%	3.383%
18	7.177	854	865	885	rVB	2432042	6500739	23.91%	5.166%
19	7.653	933	943	960	rBV	356794	987786	3.63%	0.785%
20	7.878	968	980	989	rBV	2519468	6408903	23.57%	5.093%
21	7.964	989	994	1015	rVB	172152	458639	1.69%	0.364%
22	8.159	1019	1026	1034	rBV2	8821	19753	0.07%	0.016%
23	8.281	1034	1046	1062	rBV2	700528	1994837	7.34%	1.585%
24	8.701	1109	1115	1126	rVB2	10272	22162	0.08%	0.018%
25	8.848	1130	1139	1152	rBV	778026	1551533	5.71%	1.233%
26	9.098	1171	1180	1195	rVB	519316	1045119	3.84%	0.831%
27	9.281	1202	1210	1220	rBV	445940	898968	3.31%	0.714%
28	9.768	1282	1290	1296	rBV4	4568	10129	0.04%	0.008%
29	9.896	1302	1311	1317	rBV3	7323	15878	0.06%	0.013%
30	10.037	1326	1334	1342	rBV	261195	469437	1.73%	0.373%
31	10.220	1358	1364	1366	rBV3	4198	8399	0.03%	0.007%
32	10.256	1366	1370	1374	rVV	7888	13561	0.05%	0.011%
33	10.329	1374	1382	1386	rVV	1049523	1862441	6.85%	1.480%
34	10.390	1386	1392	1407	rVV	15032996	27191837	100.00%	21.609%

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 Title : VOC Analysis

35	10.500	1408	1410	1416	rVV3	8375	14365	0.05%	0.011%
36	10.579	1416	1423	1434	rVV	157153	274529	1.01%	0.218%
37	10.707	1439	1444	1449	rVV2	20008	35473	0.13%	0.028%
38	10.768	1449	1454	1463	rVB4	4139	10302	0.04%	0.008%
39	10.866	1464	1470	1474	rBV5	7343	12880	0.05%	0.010%
40	10.927	1474	1480	1495	rVB	184937	307782	1.13%	0.245%
41	11.067	1495	1503	1514	rBV	30015	55814	0.21%	0.044%
42	11.634	1588	1596	1605	rBV	1065630	1806824	6.64%	1.436%
43	11.731	1605	1612	1620	rVB	508533	840135	3.09%	0.668%
44	11.835	1621	1629	1642	rVV	1728622	3160429	11.62%	2.512%
45	12.170	1673	1684	1692	rBV	1011199	1662579	6.11%	1.321%
46	12.262	1692	1699	1704	rVB3	8715	15544	0.06%	0.012%
47	12.347	1704	1713	1717	rBV7	6726	17579	0.06%	0.014%
48	12.463	1726	1732	1740	rBV	188920	313707	1.15%	0.249%
49	12.536	1741	1744	1747	rVV5	5117	8352	0.03%	0.007%
50	12.609	1747	1756	1761	rVV	44690	83652	0.31%	0.066%
51	12.695	1761	1770	1777	rVB	314414	509686	1.87%	0.405%
52	12.804	1782	1788	1793	rVV	574107	904359	3.33%	0.719%
53	12.871	1793	1799	1802	rVV	2453370	4134344	15.20%	3.286%
54	12.902	1802	1804	1807	rVV	1017622	1287637	4.74%	1.023%
55	12.945	1807	1811	1818	rVB	1266771	1922482	7.07%	1.528%
56	13.036	1819	1826	1832	rVV	9450914	14067787	51.74%	11.180%
57	13.103	1832	1837	1844	rVV	1038907	1659291	6.10%	1.319%
58	13.164	1844	1847	1851	rVV3	5350	7529	0.03%	0.006%
59	13.256	1854	1862	1875	rVV	3802181	6792165	24.98%	5.398%
60	13.384	1875	1883	1889	rVV4	23885	68075	0.25%	0.054%
61	13.445	1889	1893	1898	rVV3	38019	72793	0.27%	0.058%
62	13.493	1899	1901	1905	rVB	15222	21489	0.08%	0.017%
63	13.560	1905	1912	1914	rBV	1113604	1788264	6.58%	1.421%
64	13.585	1914	1916	1925	rVV	1057789	1553163	5.71%	1.234%
65	13.652	1925	1927	1932	rVB	28720	33220	0.12%	0.026%
66	13.719	1933	1938	1939	rBV	61654	73624	0.27%	0.059%
67	13.755	1939	1944	1948	rVV2	494168	906140	3.33%	0.720%
68	13.792	1948	1950	1955	rVV2	232976	374218	1.38%	0.297%
69	13.853	1955	1960	1971	rVB	887315	1563644	5.75%	1.243%
70	13.951	1971	1976	1981	rBV	55928	82777	0.30%	0.066%
71	14.012	1981	1986	1988	rBV	123551	180231	0.66%	0.143%

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72	14.042	1988	1991	1994	rVV	119696	190499	0.70%	0.151%
73	14.097	1995	2000	2007	rVB	235507	403029	1.48%	0.320%
74	14.207	2008	2018	2023	rBV3	70019	126089	0.46%	0.100%
75	14.255	2023	2026	2029	rBV	9952	17817	0.07%	0.014%
76	14.335	2034	2039	2044	rVV2	72277	127523	0.47%	0.101%
77	14.420	2044	2053	2056	rVV	155420	266623	0.98%	0.212%
78	14.457	2056	2059	2063	rVV	218603	320796	1.18%	0.255%
79	14.499	2063	2066	2070	rVV	74482	109725	0.40%	0.087%
80	14.542	2070	2073	2080	rVV2	52290	77258	0.28%	0.061%
81	14.603	2080	2083	2086	rVV	10597	14694	0.05%	0.012%
82	14.639	2086	2089	2093	rVV	29871	38272	0.14%	0.030%
83	14.688	2093	2097	2100	rVV	57950	93015	0.34%	0.074%
84	14.731	2100	2104	2109	rVB2	64452	107061	0.39%	0.085%
85	14.792	2109	2114	2121	rBV2	138859	337938	1.24%	0.269%
86	14.859	2121	2125	2131	rVB	55150	83649	0.31%	0.066%
87	14.963	2138	2142	2144	rBV3	7017	12288	0.05%	0.010%
88	15.066	2154	2159	2167	rBV	72095	165505	0.61%	0.132%
89	15.176	2172	2177	2183	rVB2	45252	85119	0.31%	0.068%
90	15.322	2196	2201	2202	rBV3	8906	12049	0.04%	0.010%
91	15.371	2202	2209	2215	rVB	167874	303886	1.12%	0.241%
92	15.438	2215	2220	2224	rBV	32599	57193	0.21%	0.045%
93	15.554	2237	2239	2245	rVB5	10306	13032	0.05%	0.010%
94	15.658	2248	2256	2266	rBV4	16028	42165	0.16%	0.034%
95	15.779	2271	2276	2277	rBV4	5138	7501	0.03%	0.006%
96	15.950	2299	2304	2309	rVB2	9516	18057	0.07%	0.014%
97	16.036	2312	2318	2324	rVB6	3184	6321	0.02%	0.005%
98	16.176	2336	2341	2347	rVB10	3341	6212	0.02%	0.005%
99	16.444	2379	2385	2392	rBV3	6102	15079	0.06%	0.012%
100	16.639	2410	2417	2425	rBV9	5622	14651	0.05%	0.012%

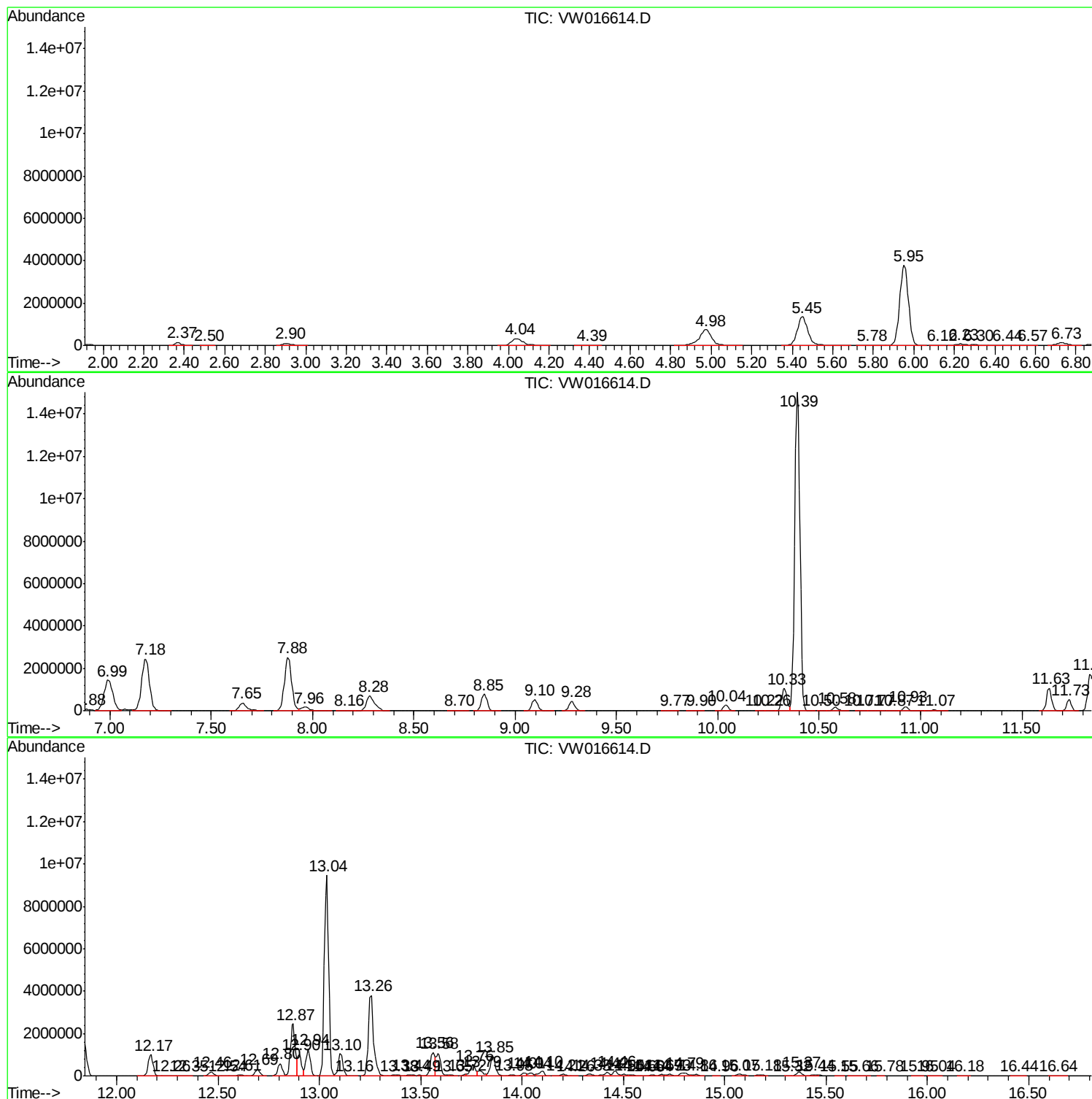
Sum of corrected areas: 125832834

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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



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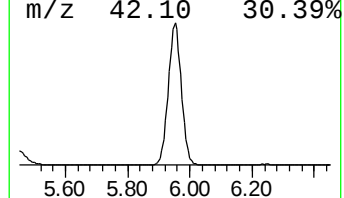
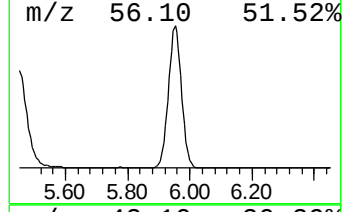
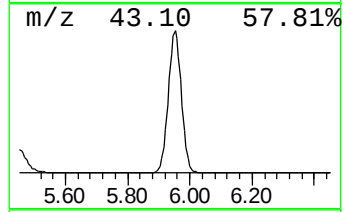
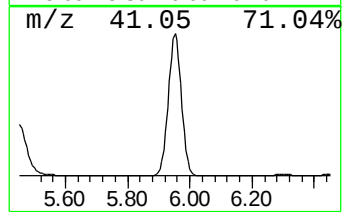
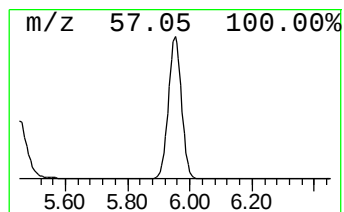
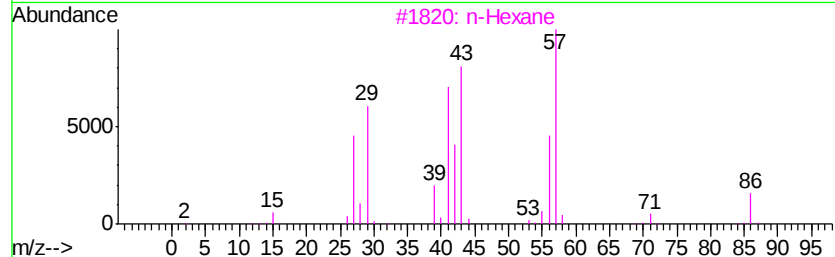
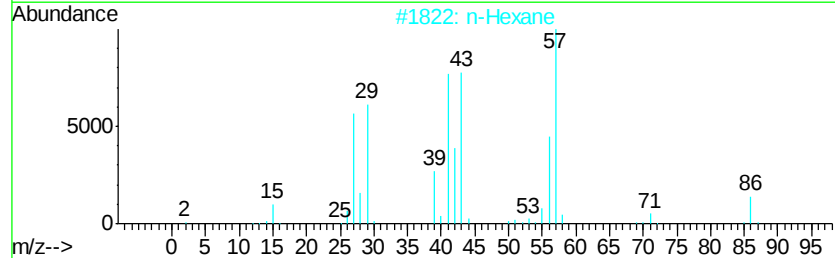
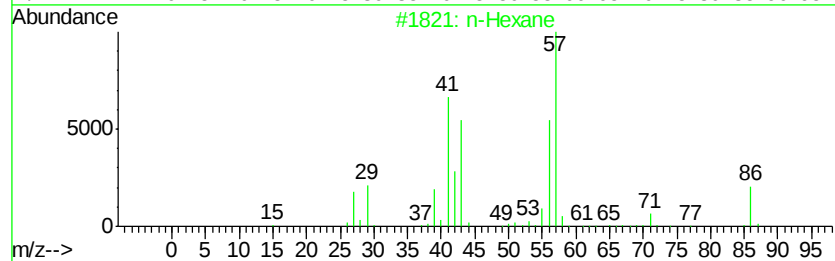
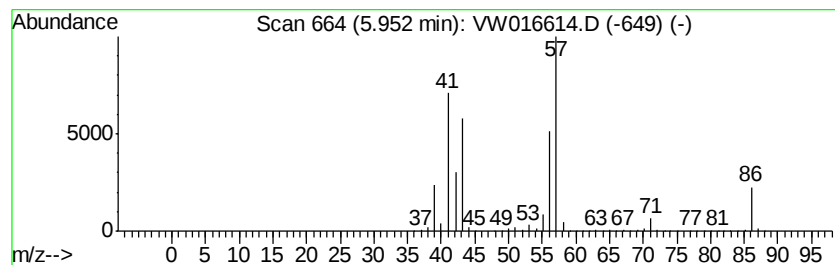
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	181.67 ug/L	11274500	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



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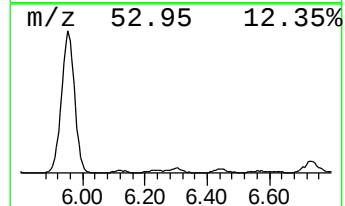
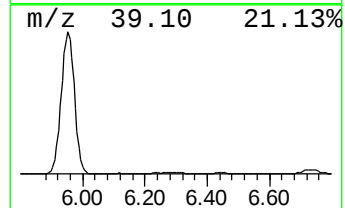
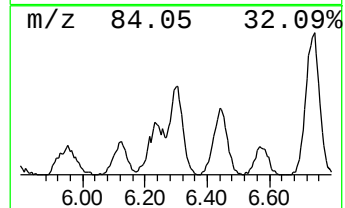
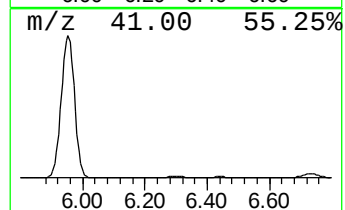
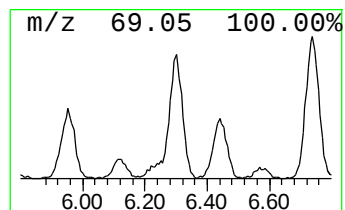
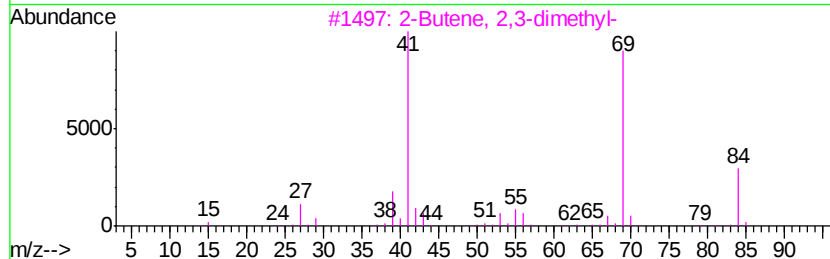
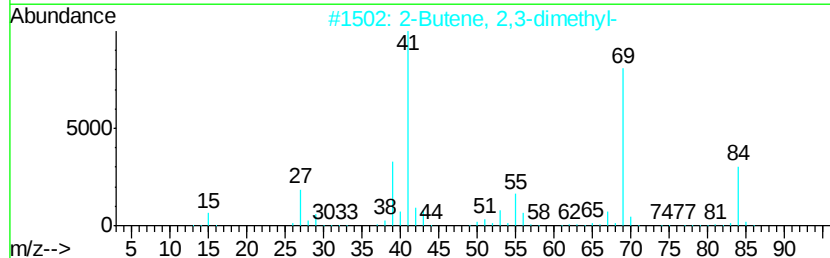
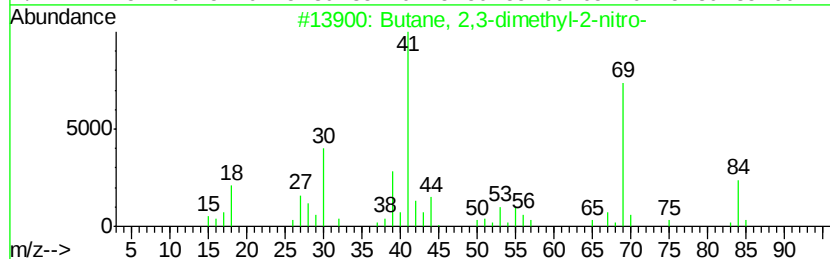
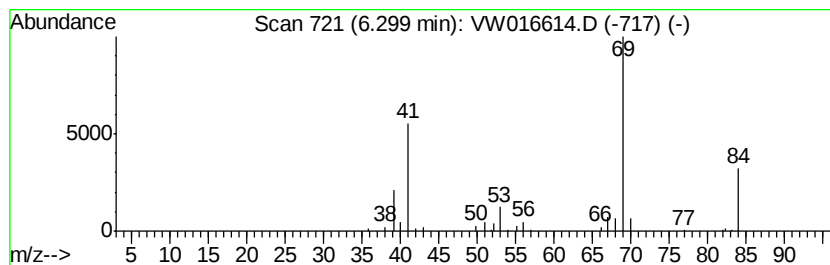
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 2 Butane, 2,3-dimethyl-2-nitro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	1.36 ug/L	84435	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2,3-dimethyl-2-nitro-	131 C6H13NO2	034075-28-0	78
2	2-Butene, 2,3-dimethyl-	84 C6H12	000563-79-1	78
3	2-Butene, 2,3-dimethyl-	84 C6H12	000563-79-1	72
4	2-Pentene, 4-methyl-, (Z)-	84 C6H12	000691-38-3	72
5	2-Pentene, 4-methyl-	84 C6H12	004461-48-7	72



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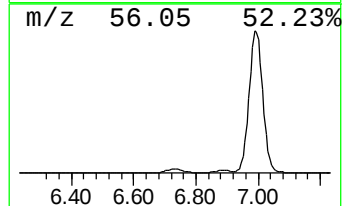
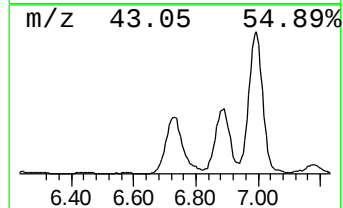
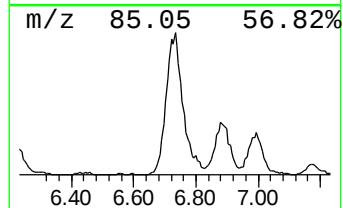
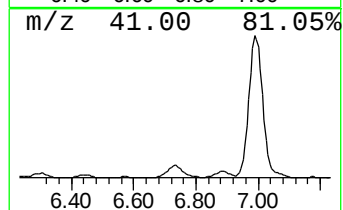
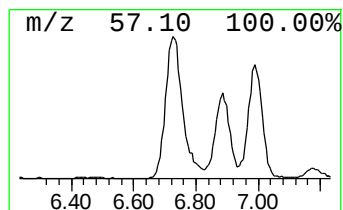
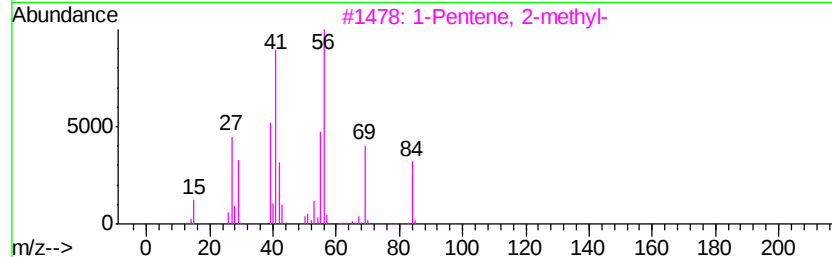
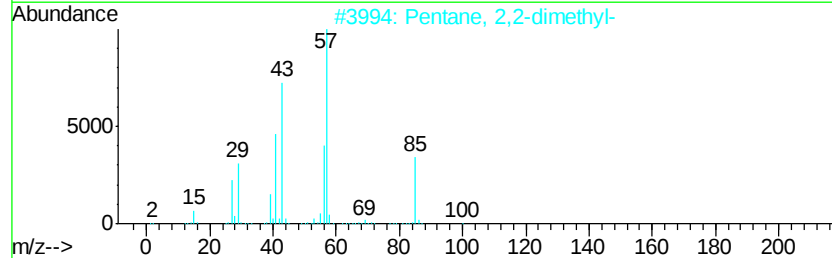
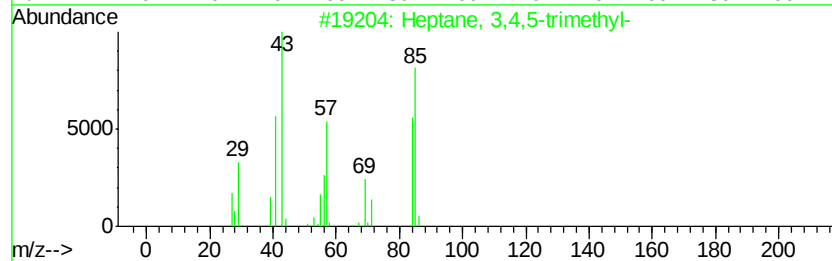
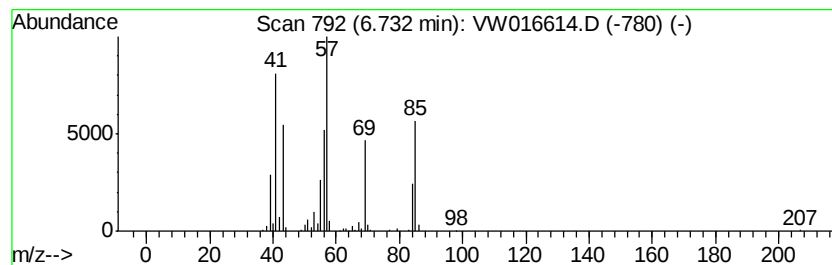
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	7.13 ug/L	442188	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46
4		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	43
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

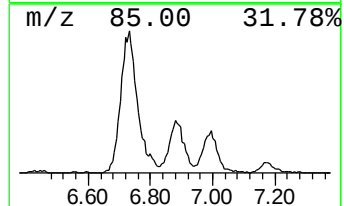
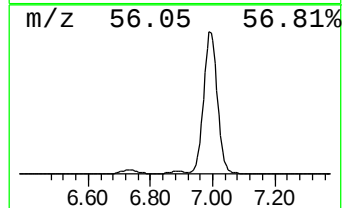
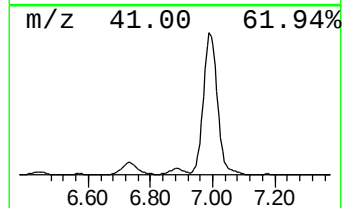
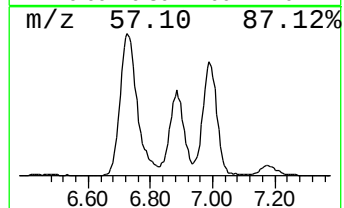
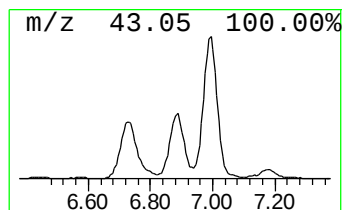
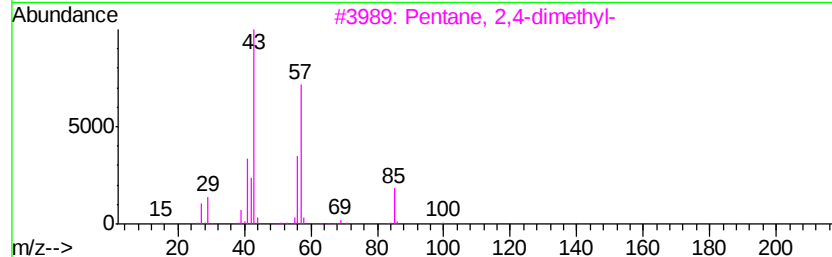
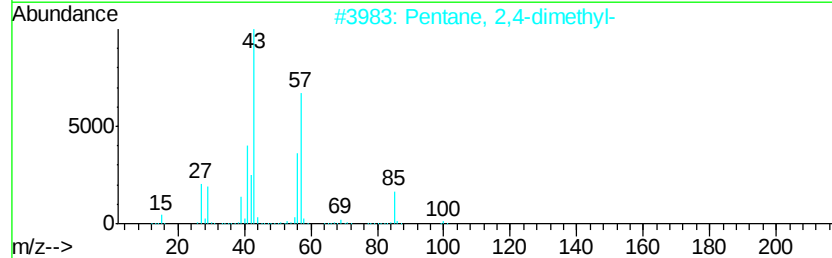
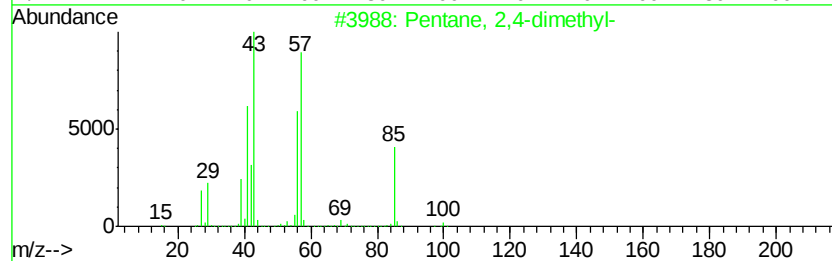
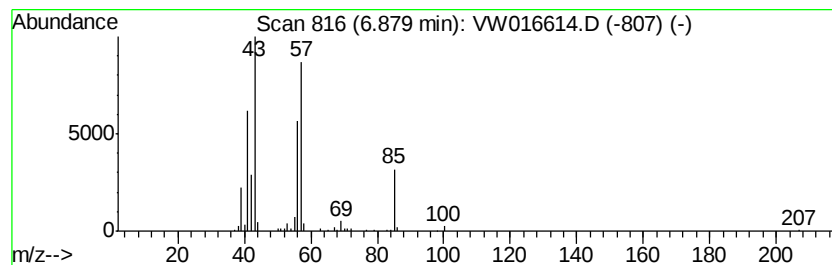
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	3.07 ug/L	190472	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

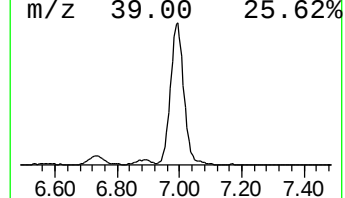
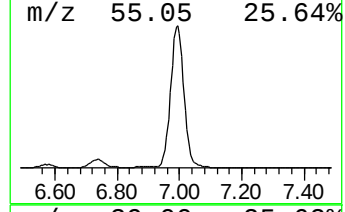
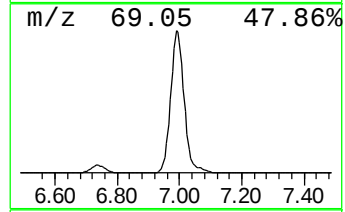
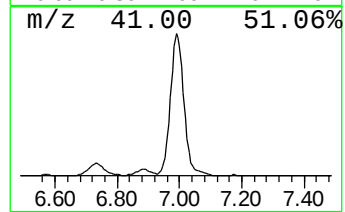
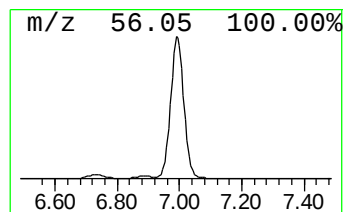
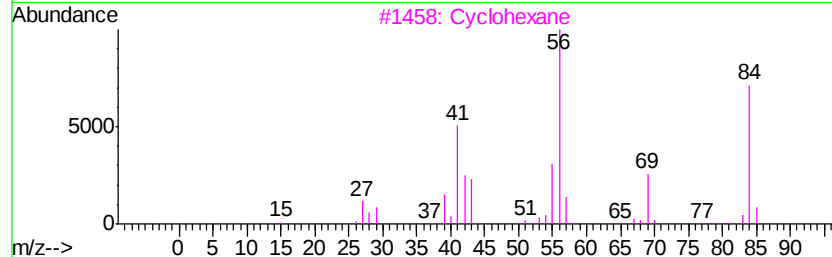
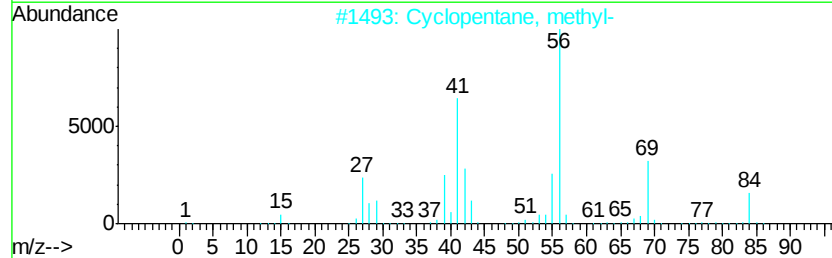
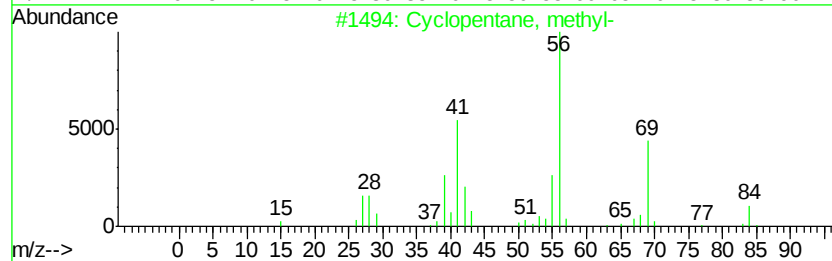
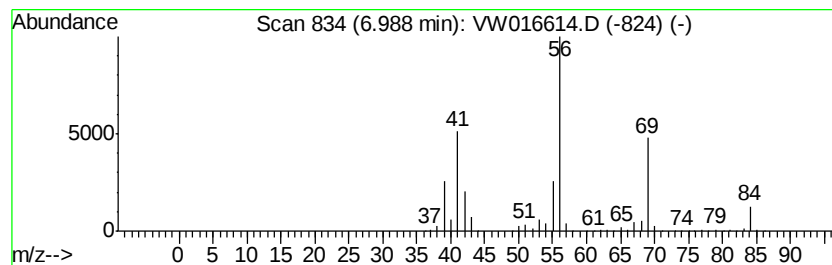
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic6.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.99	68.58 ug/L	4256390	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cvclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cvclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

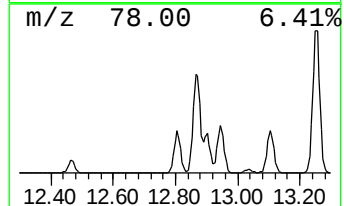
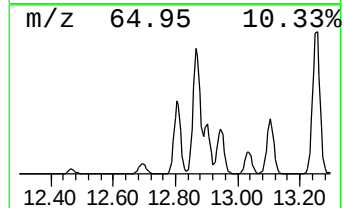
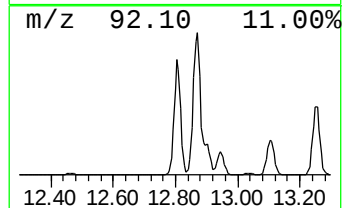
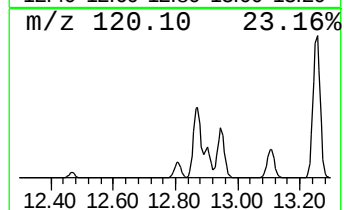
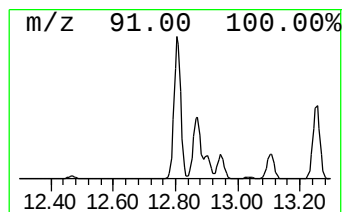
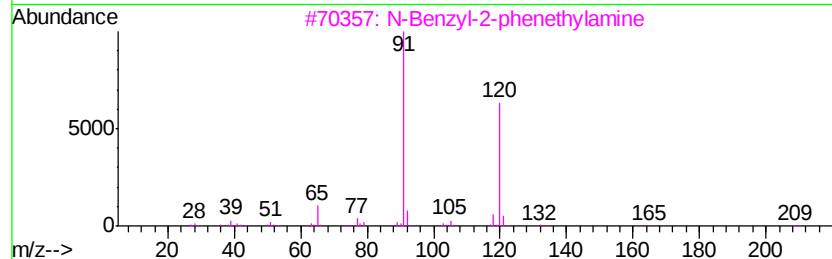
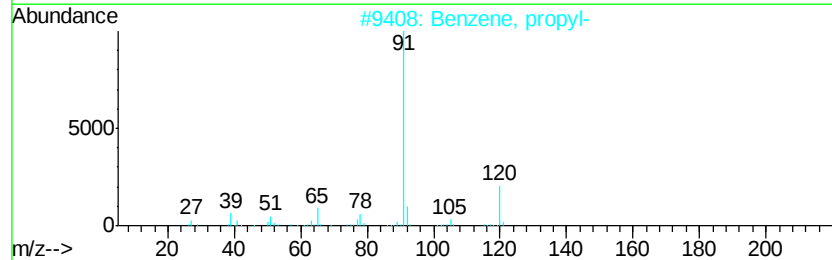
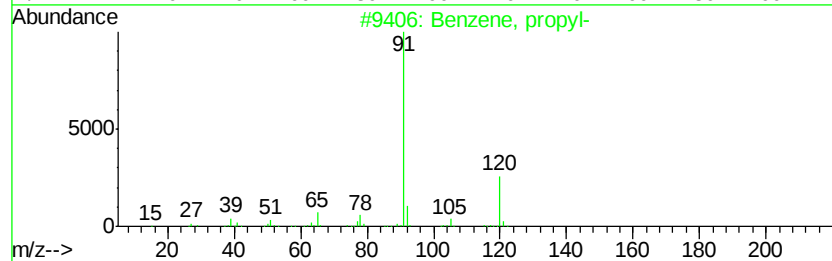
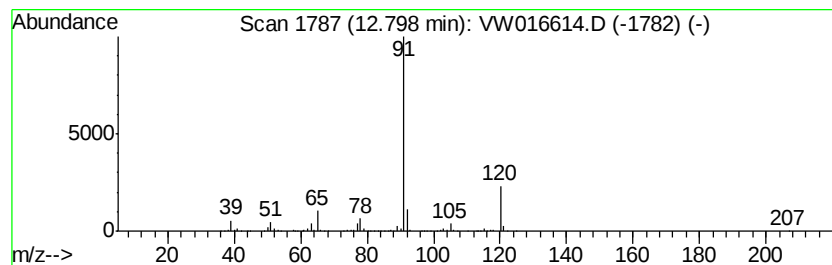
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	12.64 ug/L	904359	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 90
2		Benzene, propyl-	120 C9H12	000103-65-1 90
3		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78
4		1,2-Ethanediamine, N-(phenylmeth...	150 C9H14N2	004152-09-4 72
5		1,2-Ethanediamine, N,N'-bis(phen...	240 C16H20N2	000140-28-3 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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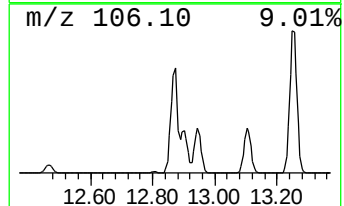
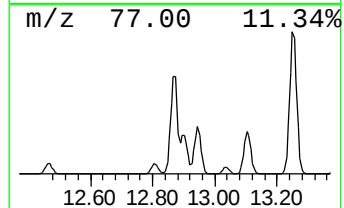
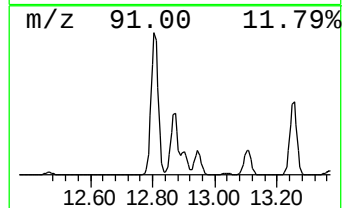
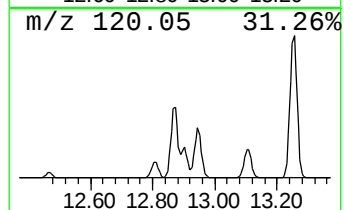
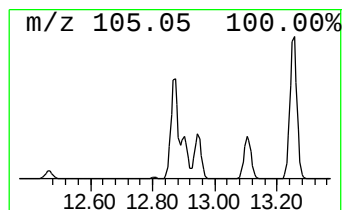
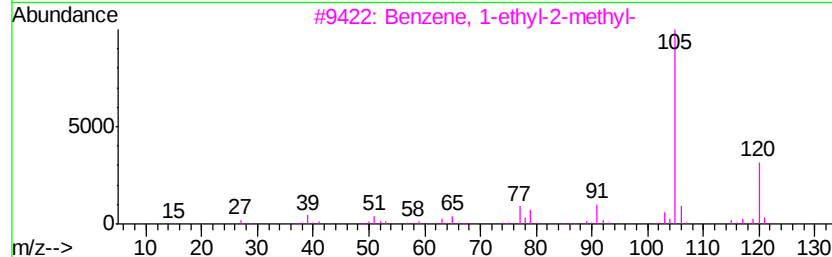
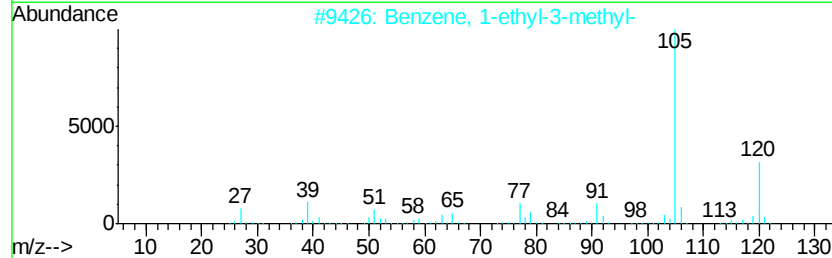
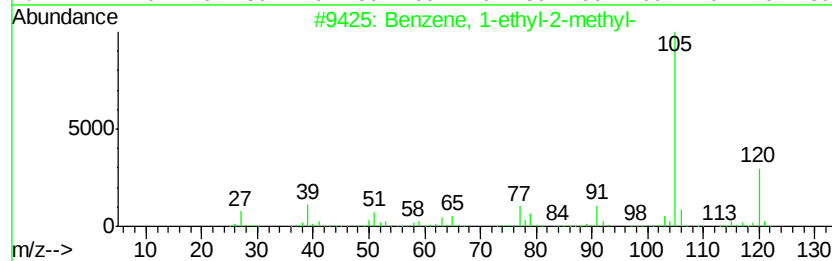
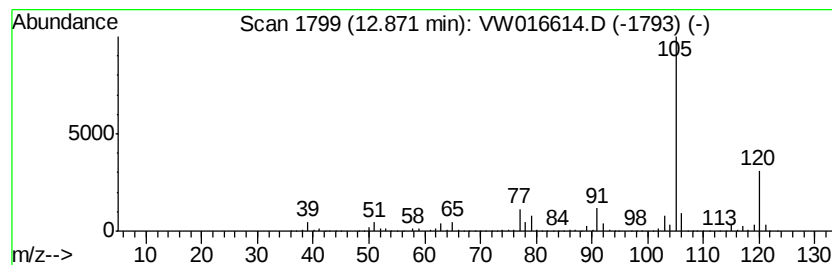
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	57.80 ug/L	4134340	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	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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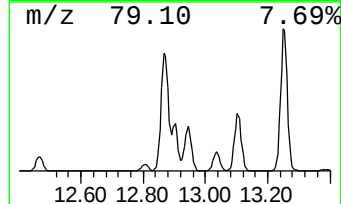
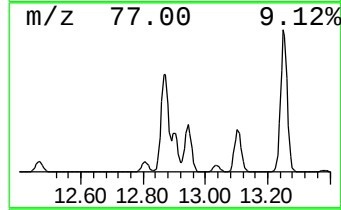
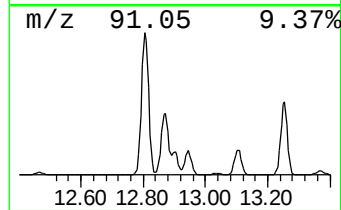
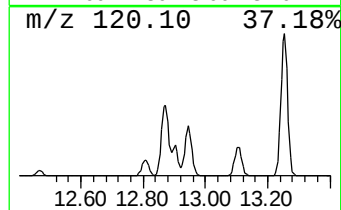
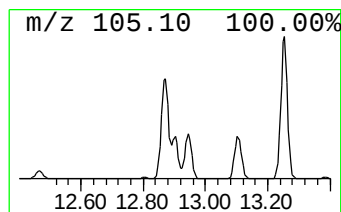
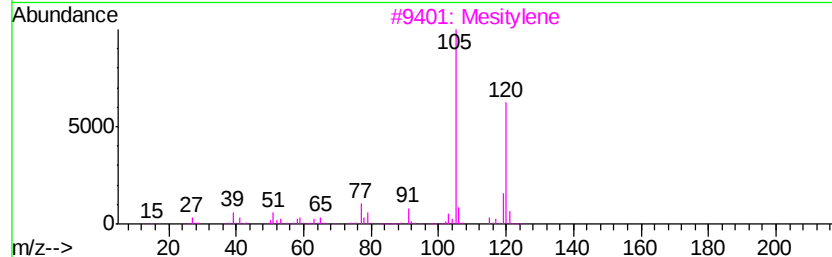
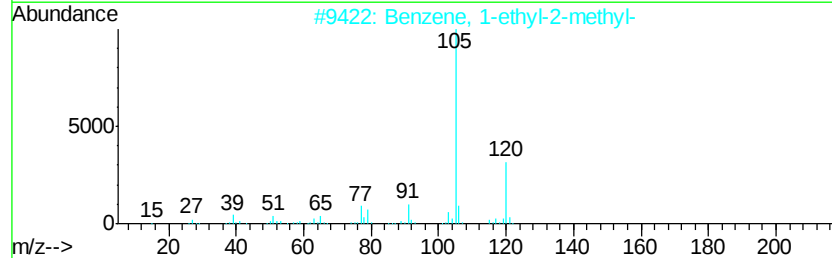
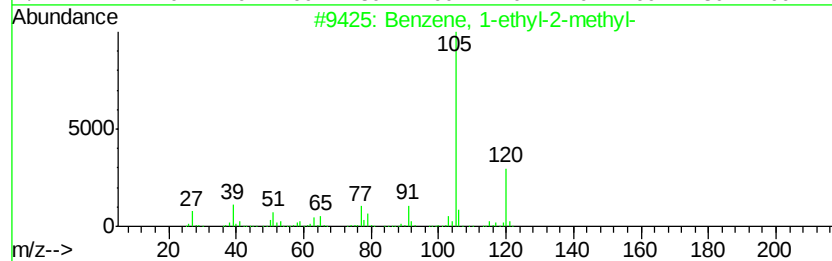
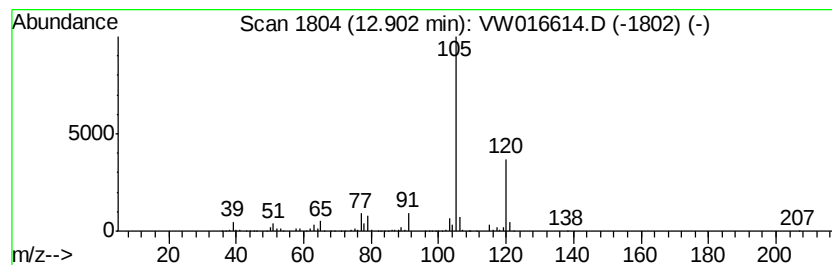
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	18.00 ug/L	1287640	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-2-methyl-	120	C9H12	000611-14-3	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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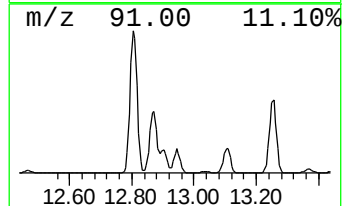
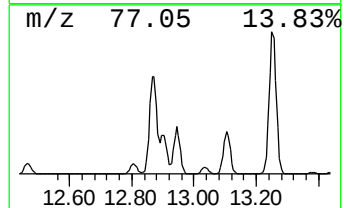
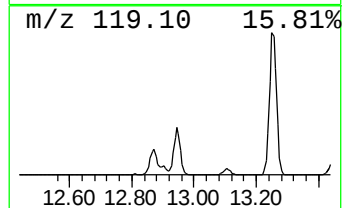
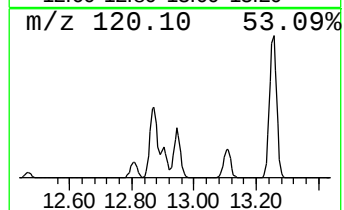
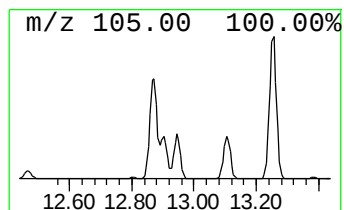
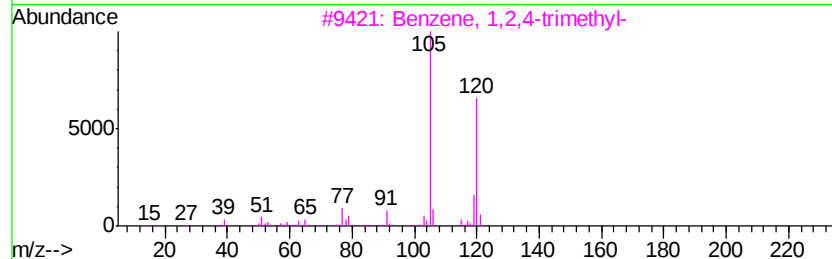
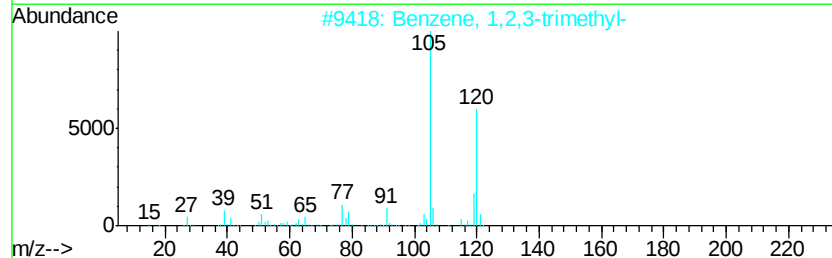
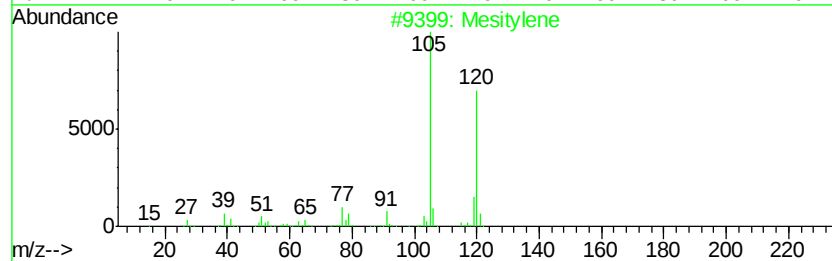
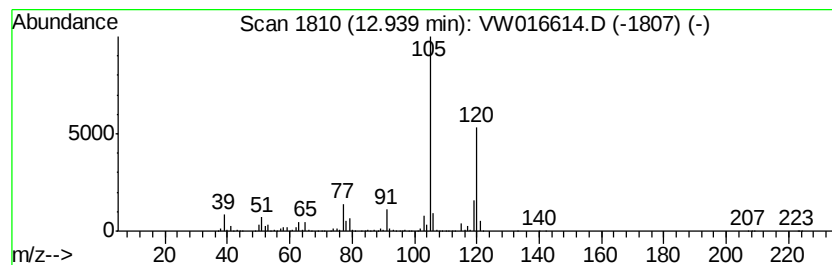
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Quant Title : VOC Analysis

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

Peak Number 10 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	26.88 ug/L	1922480	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3W8

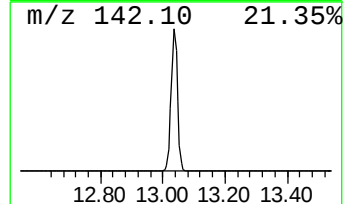
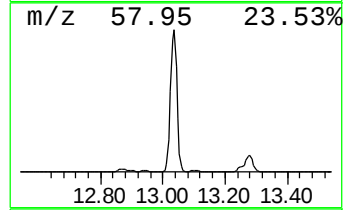
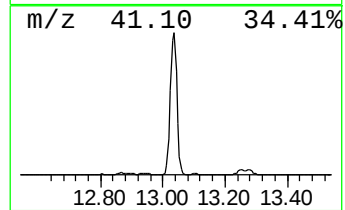
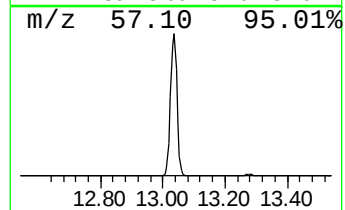
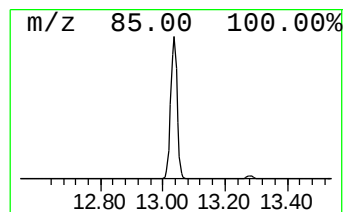
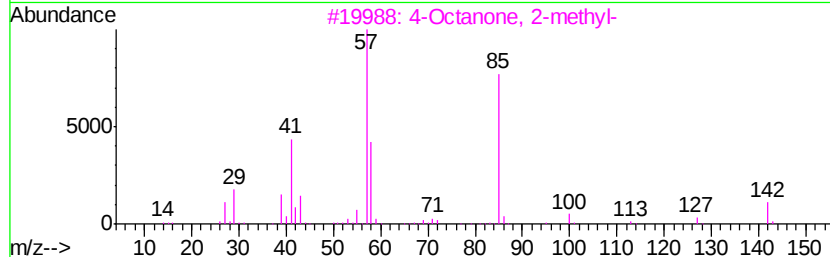
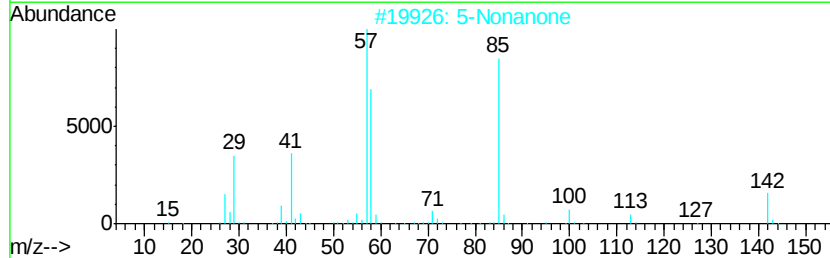
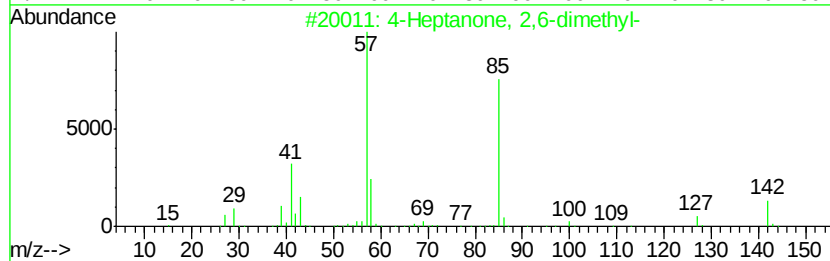
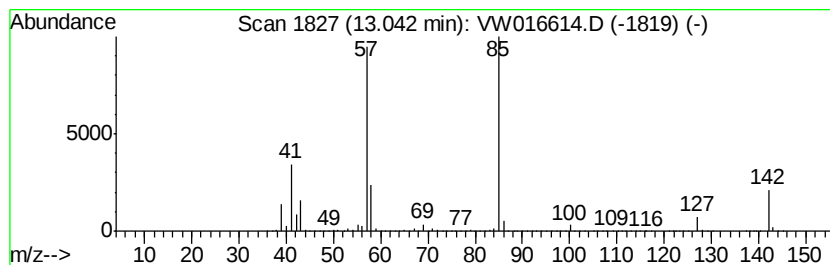
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Quant Title : VOC Analysis

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

Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	196.67 ug/L	14067800	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	94
2		5-Nonanone	142	C9H18O	000502-56-7	59
3		4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	56
4		t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	53
5		2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

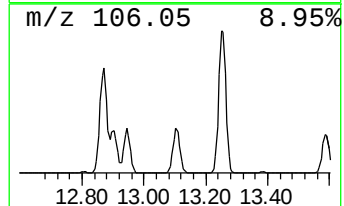
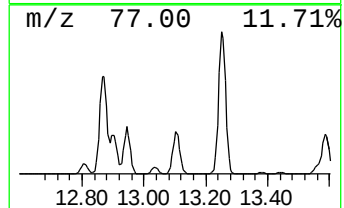
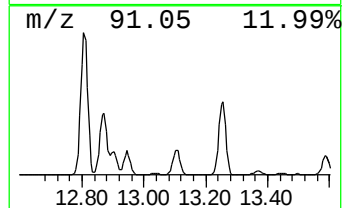
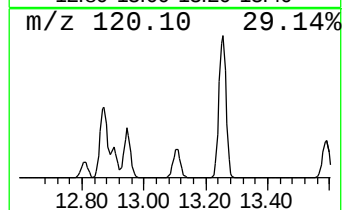
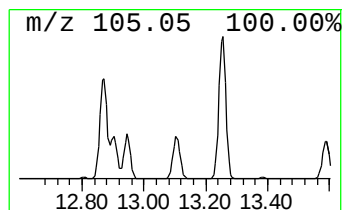
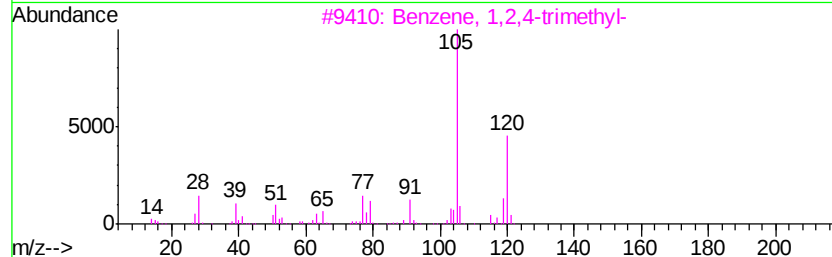
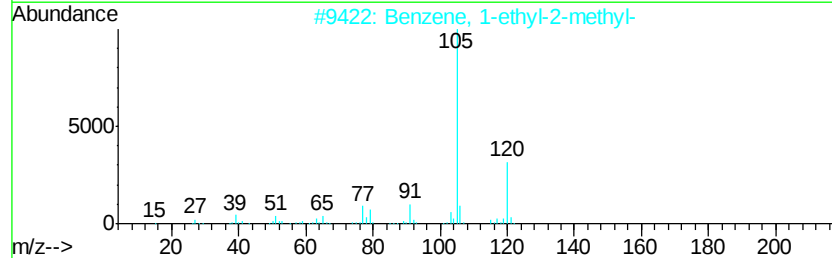
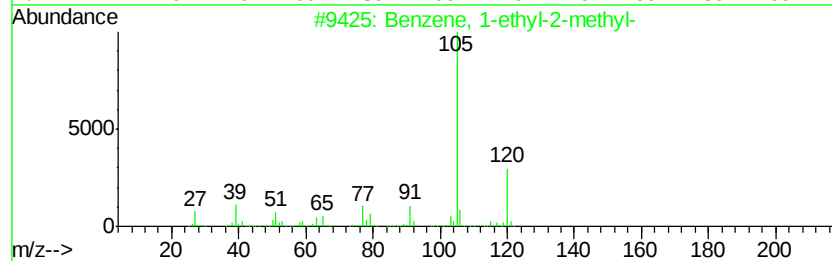
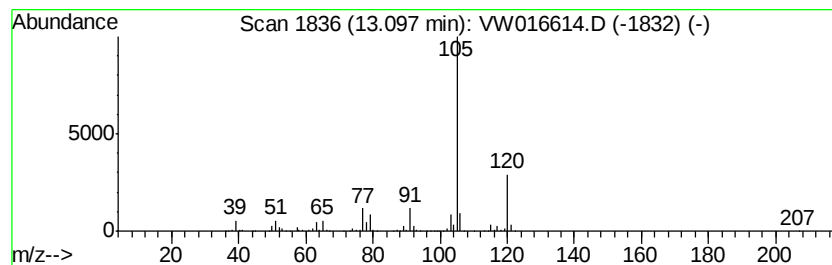
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	23.20 ug/L	1659290	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	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

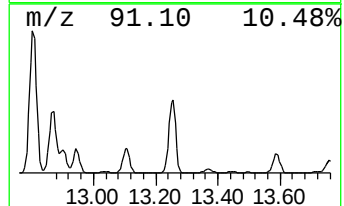
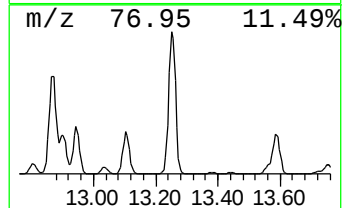
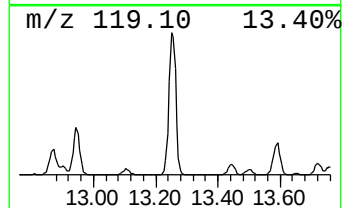
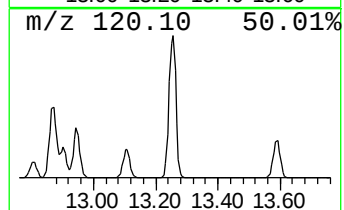
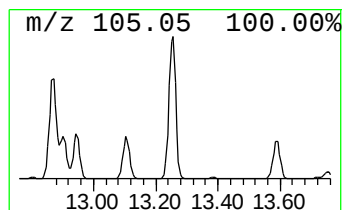
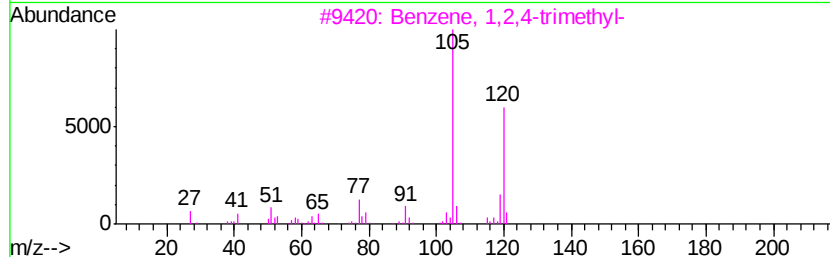
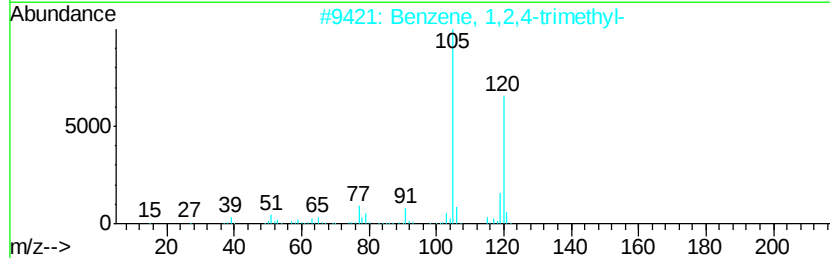
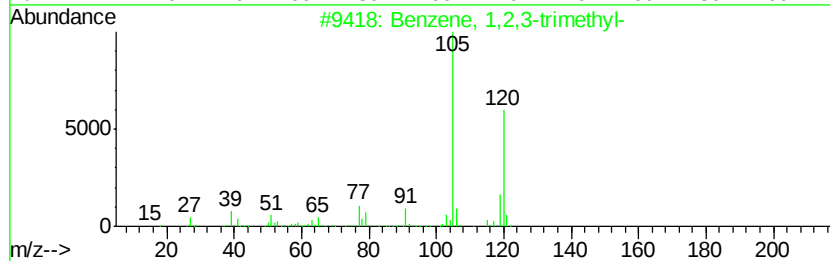
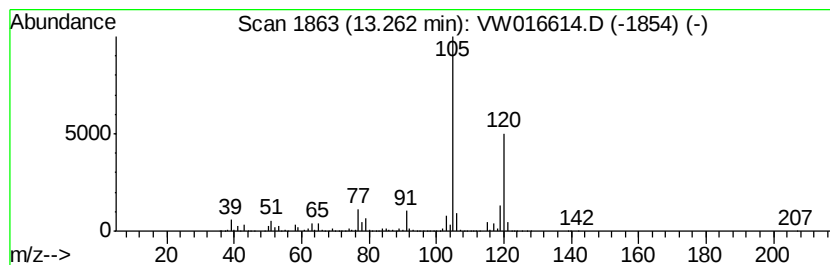
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	94.95 ug/L	6792170	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		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

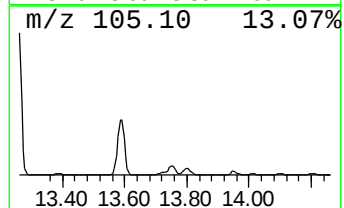
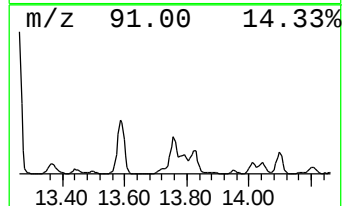
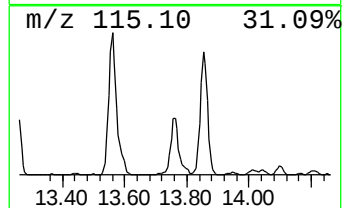
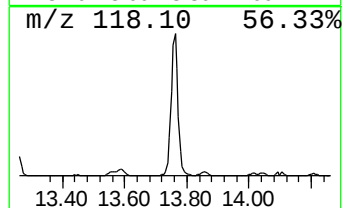
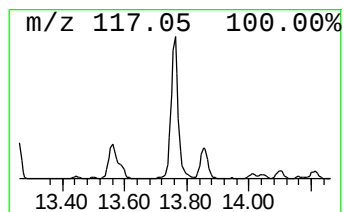
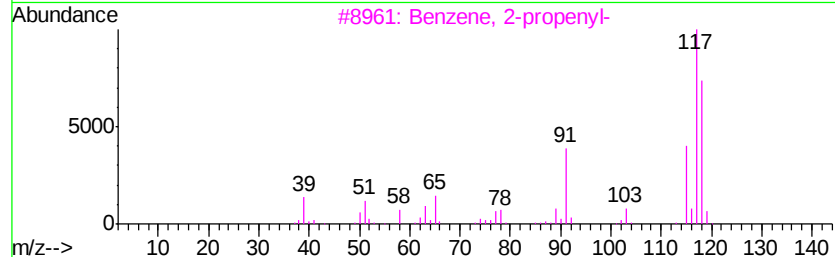
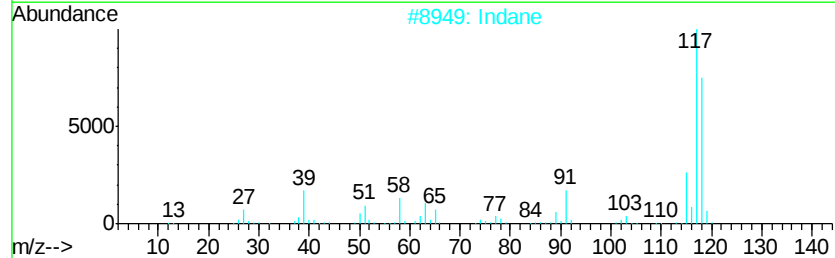
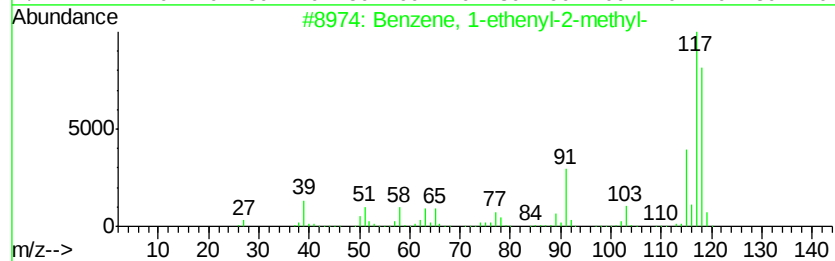
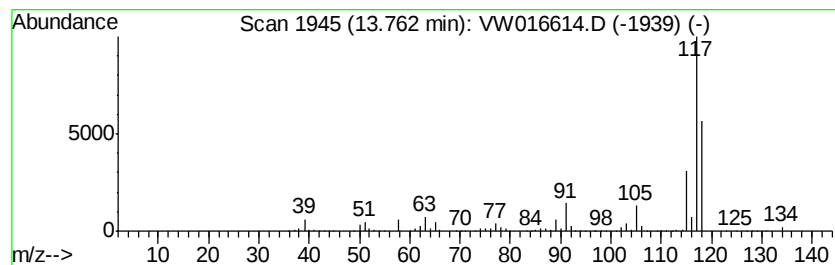
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	12.67 ug/L	906140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2		Indane	118	C9H10	000496-11-7	76
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4		Indane	118	C9H10	000496-11-7	70
5		Indane	118	C9H10	000496-11-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

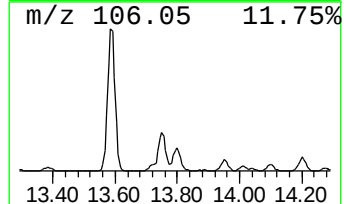
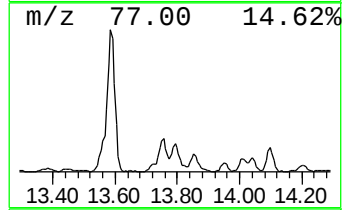
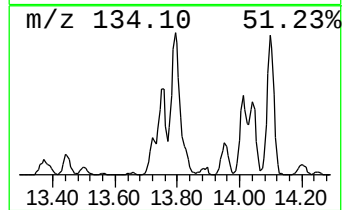
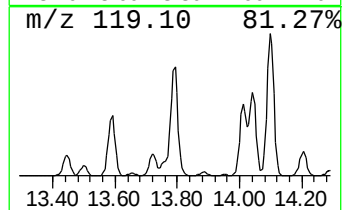
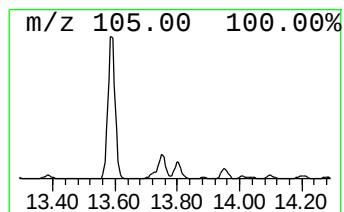
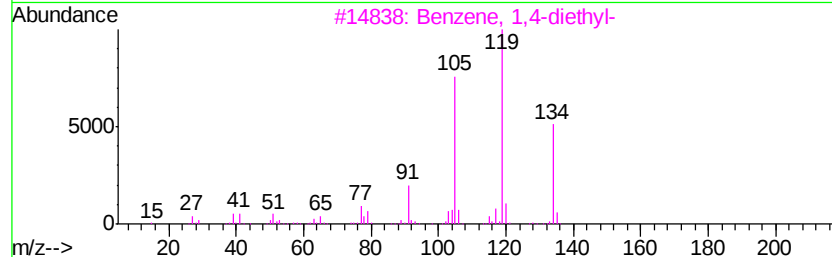
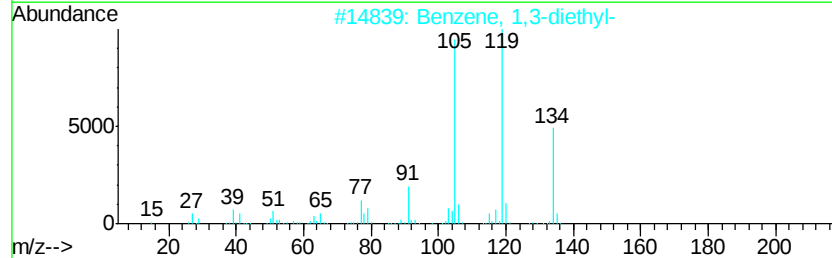
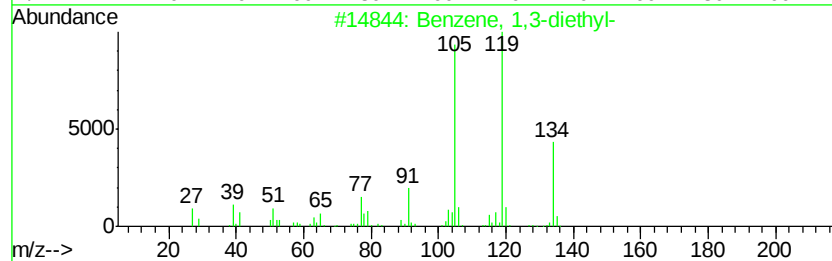
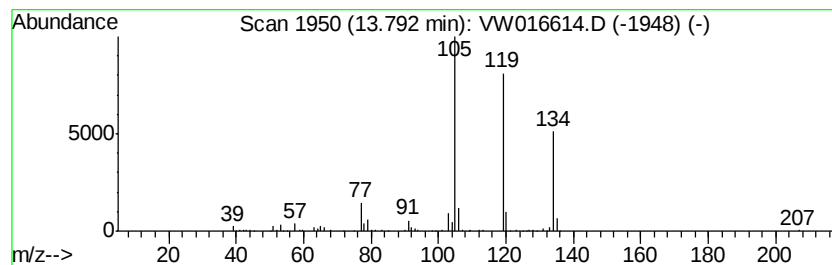
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.23 ug/L	374218	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	91
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

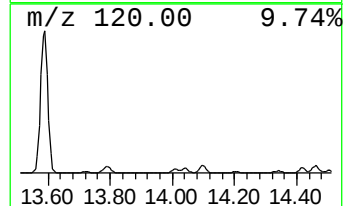
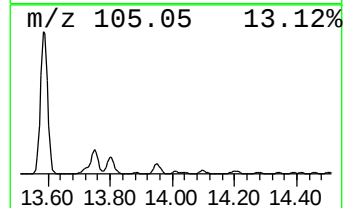
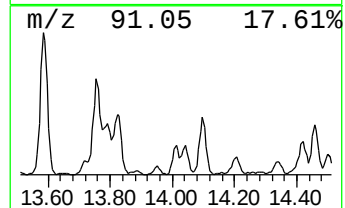
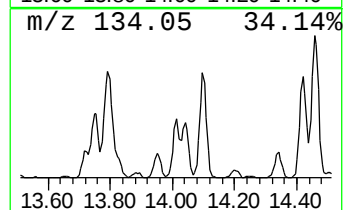
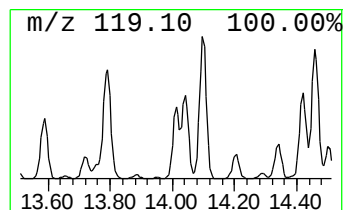
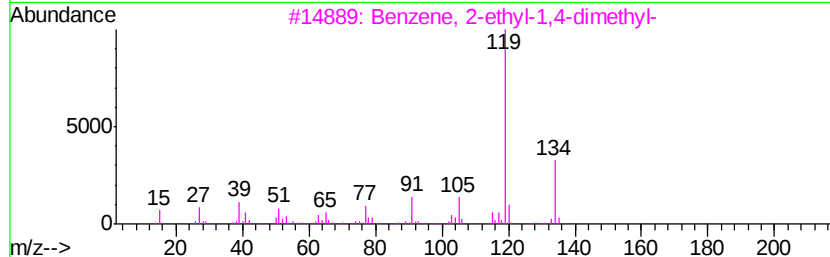
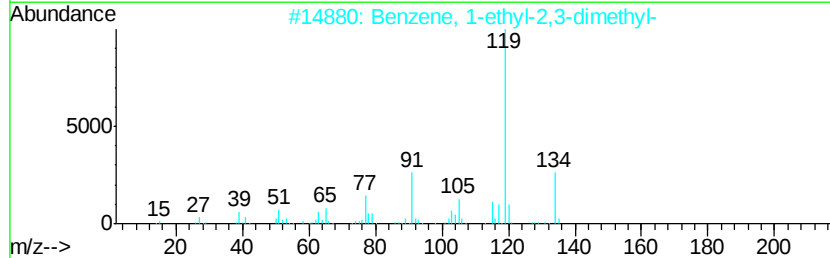
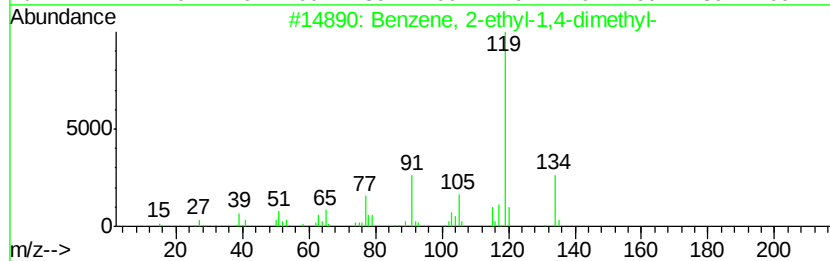
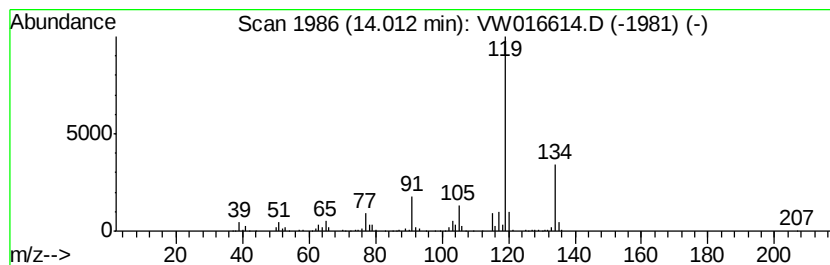
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.52 ug/L	180231	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-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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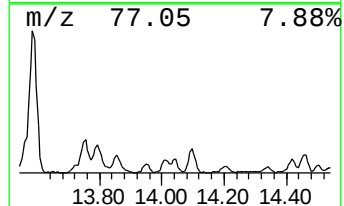
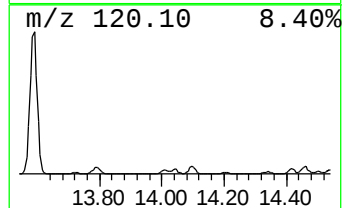
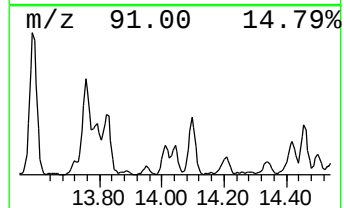
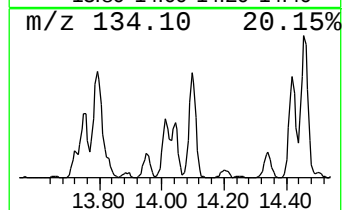
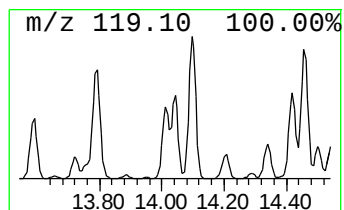
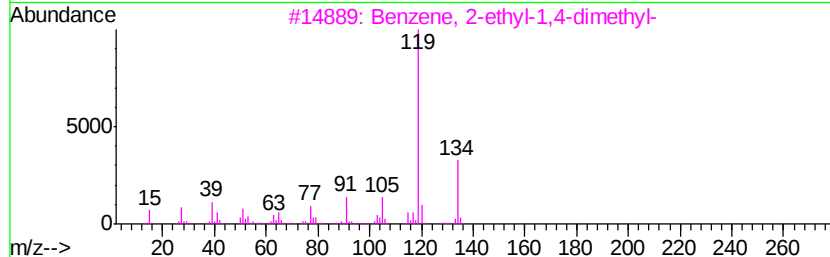
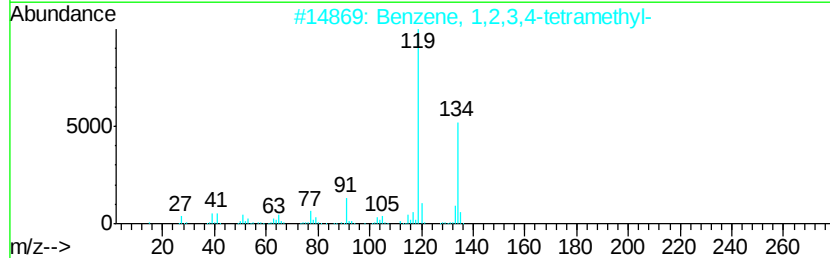
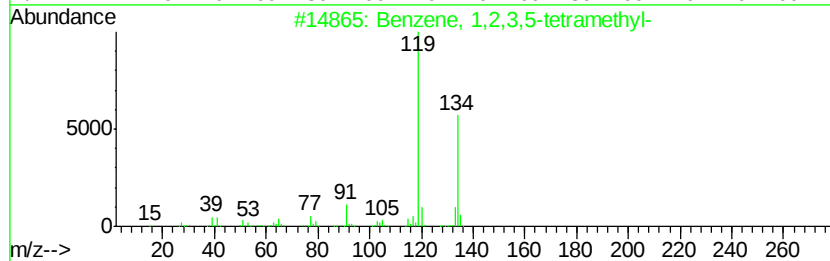
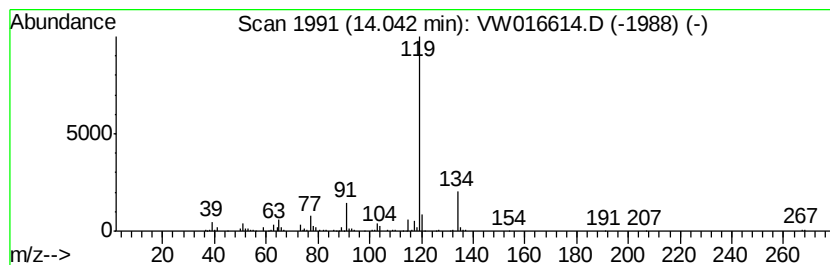
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.66 ug/L	190499	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	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

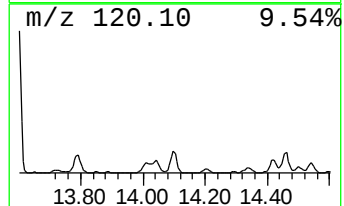
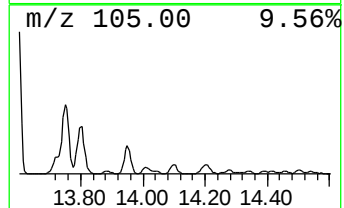
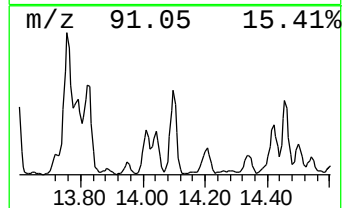
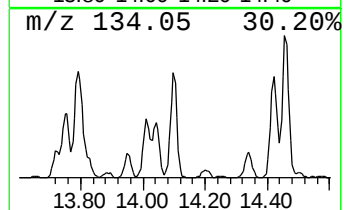
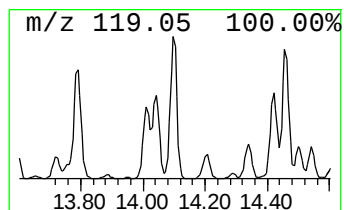
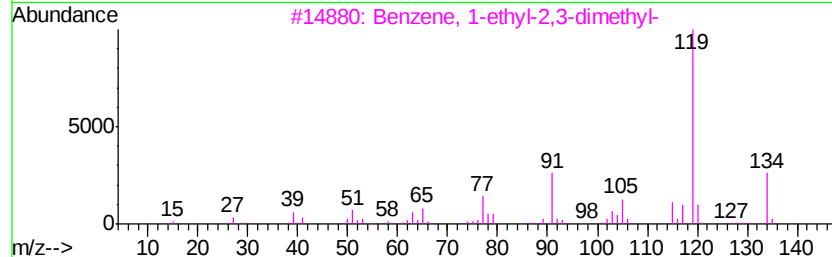
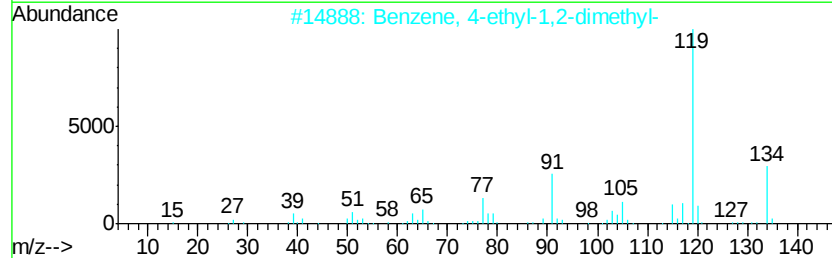
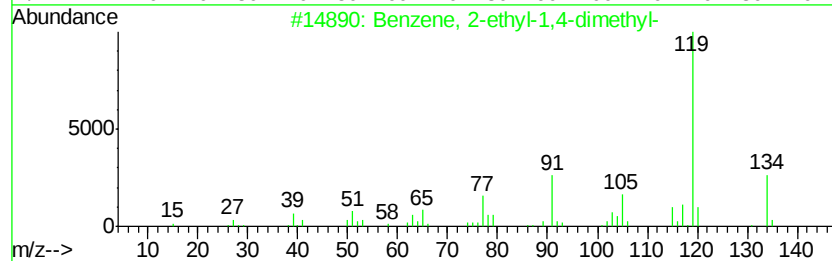
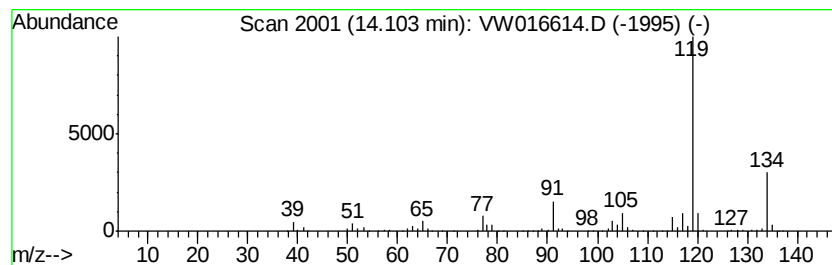
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.63 ug/L	403029	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

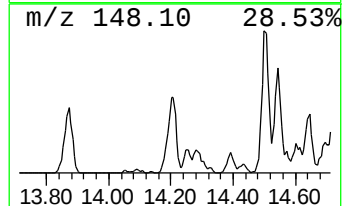
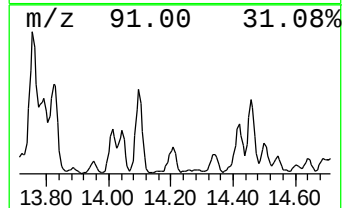
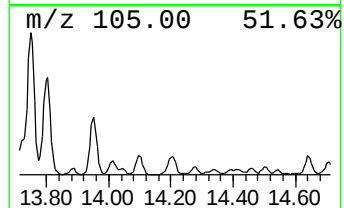
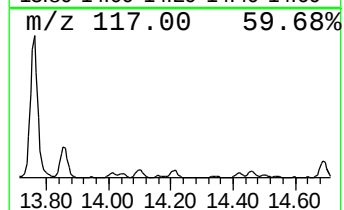
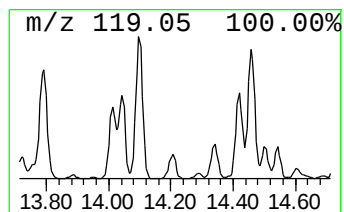
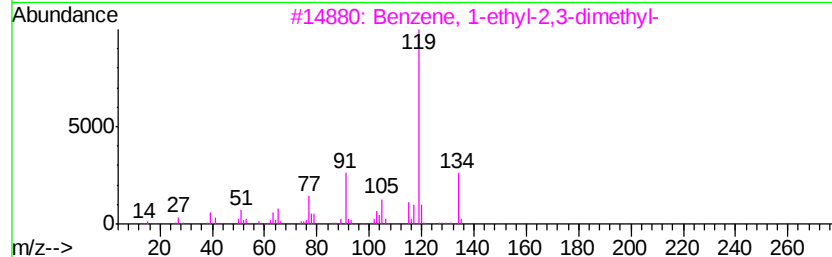
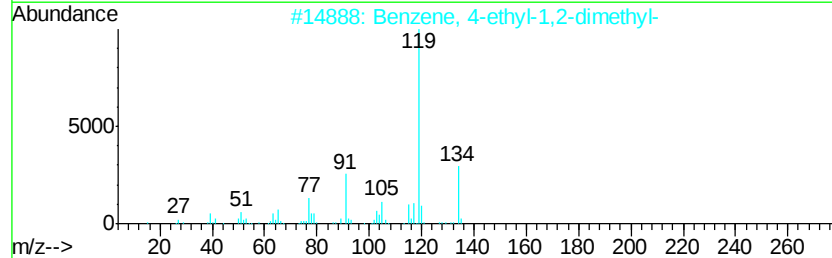
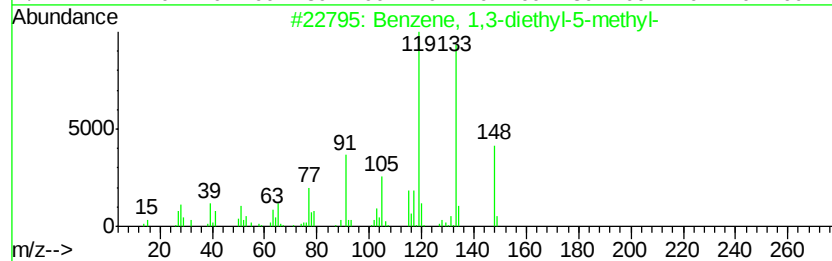
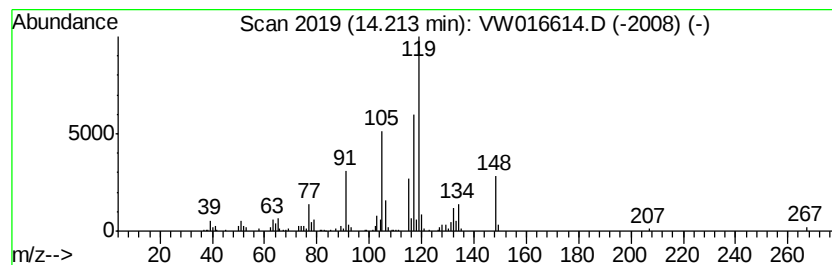
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.76 ug/L	126089	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	50
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5		o-Cymene	134	C10H14	000527-84-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

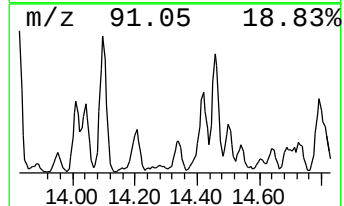
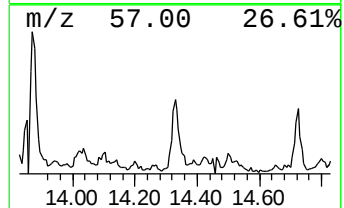
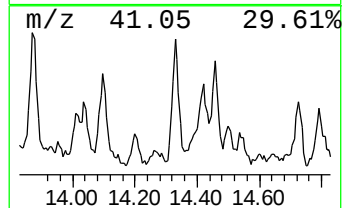
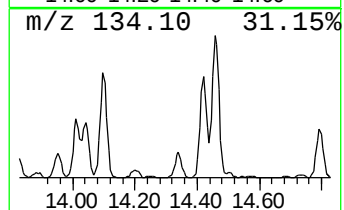
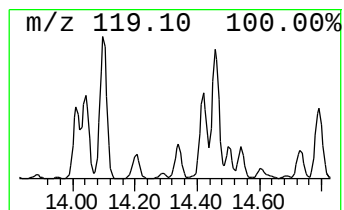
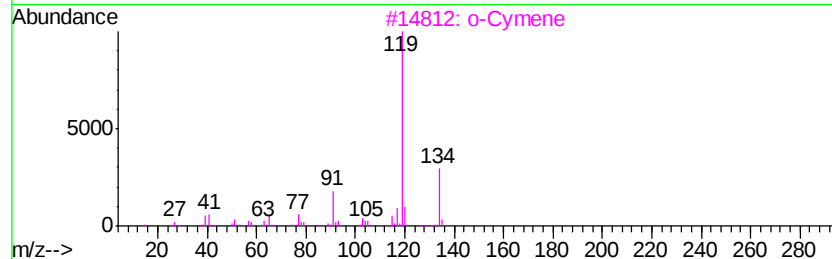
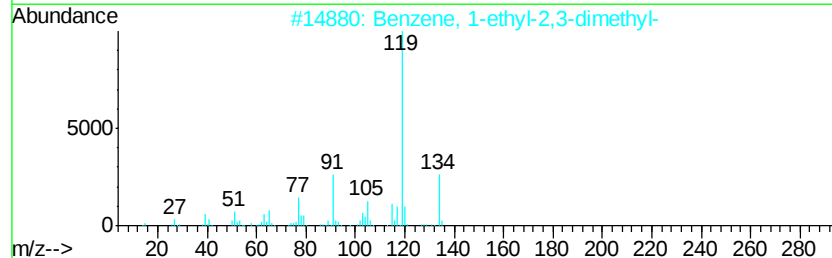
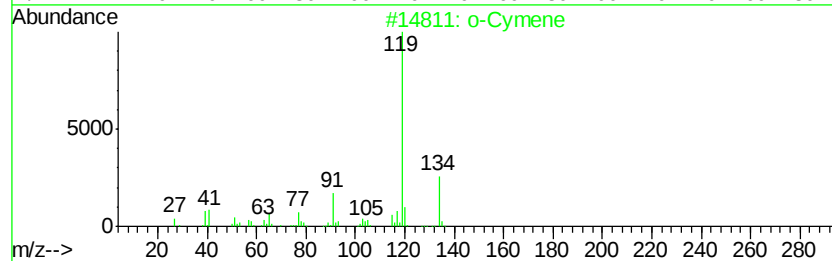
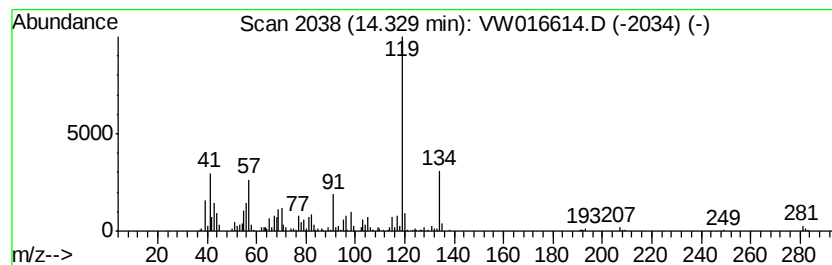
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Quant Title : VOC Analysis

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

Peak Number 20 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.78 ug/L	127523	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		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

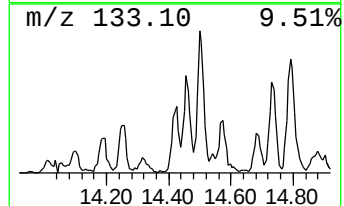
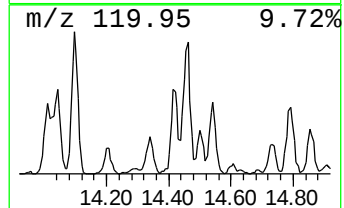
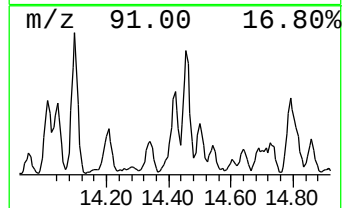
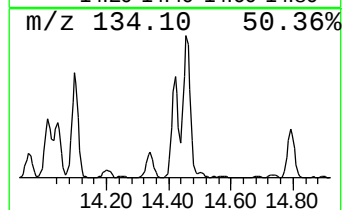
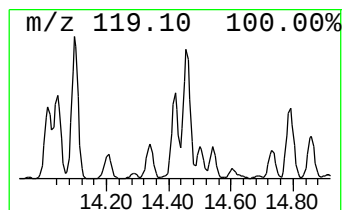
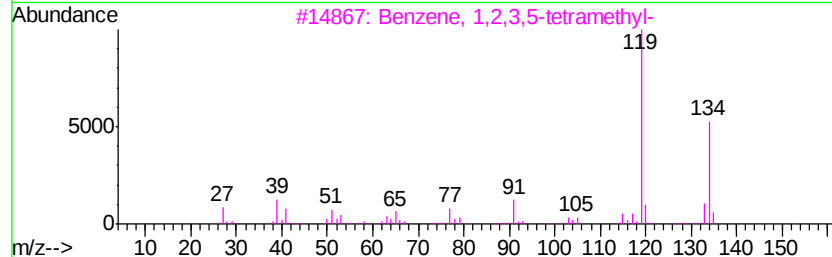
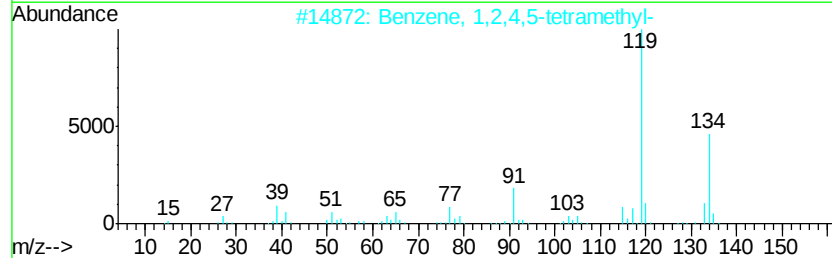
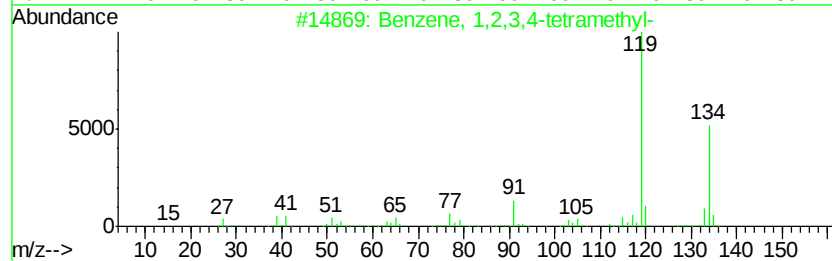
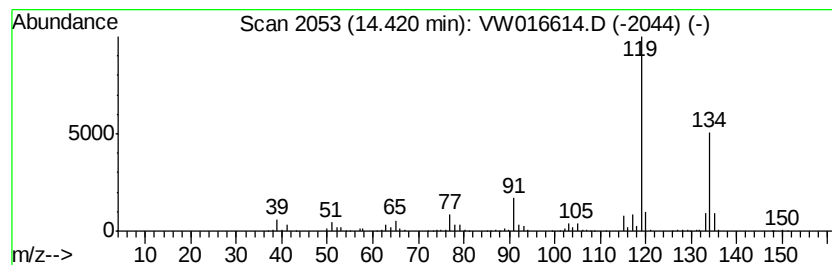
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.73 ug/L	266623	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

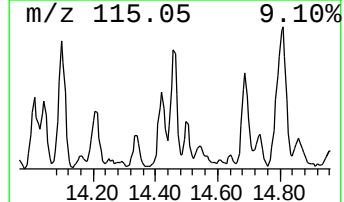
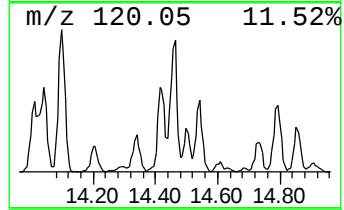
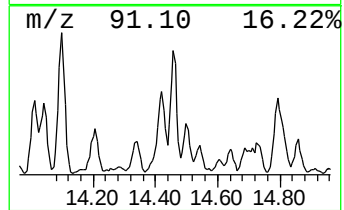
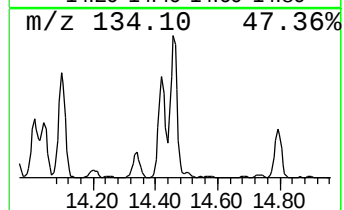
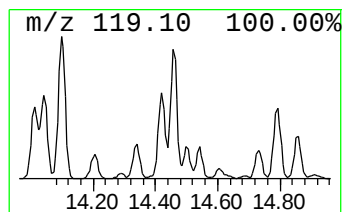
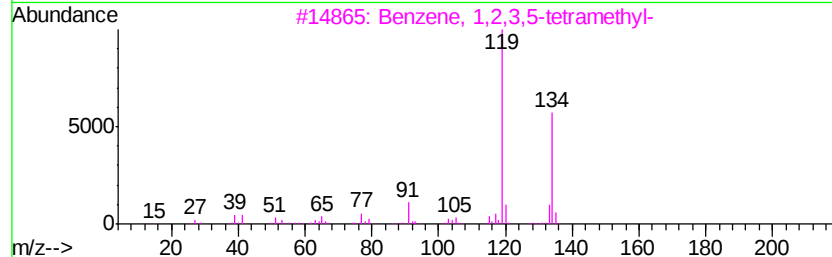
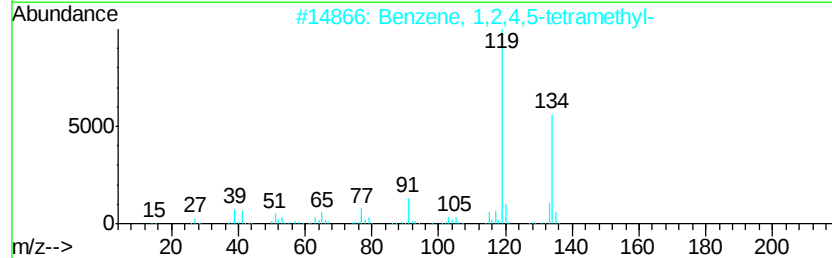
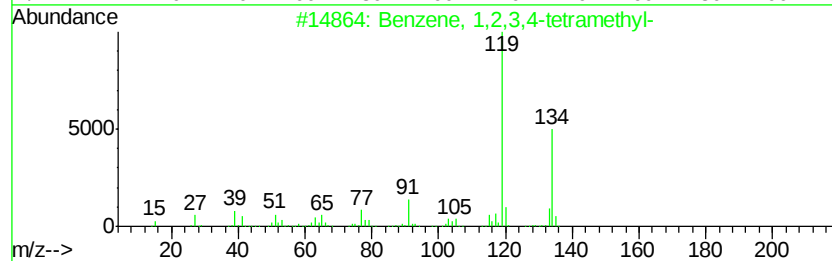
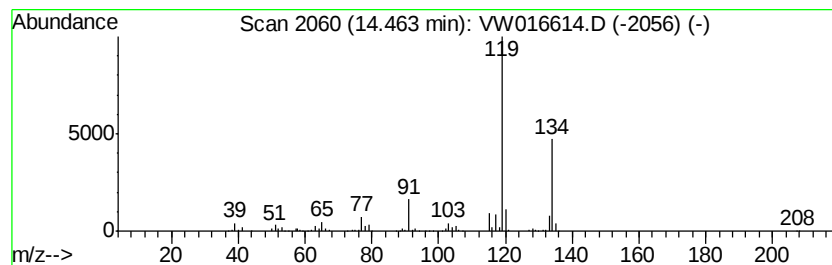
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.48 ug/L	320796	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	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

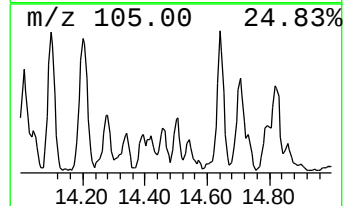
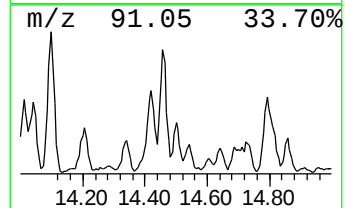
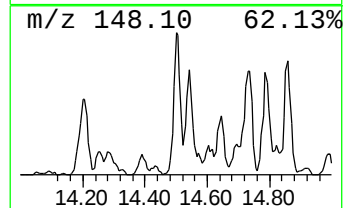
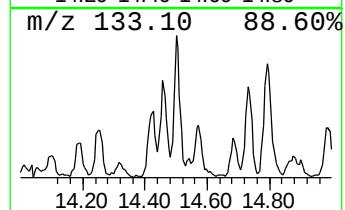
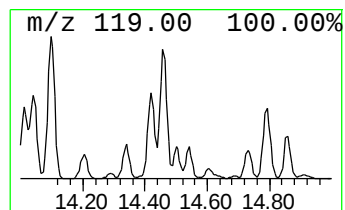
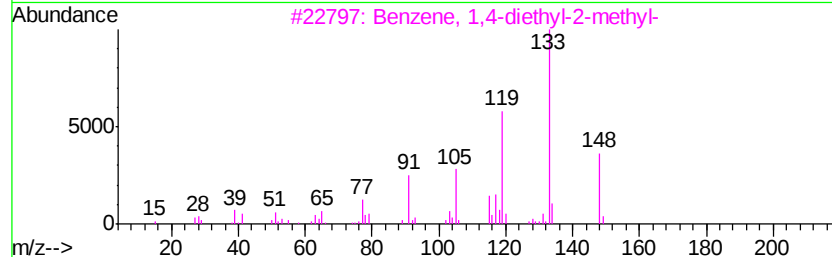
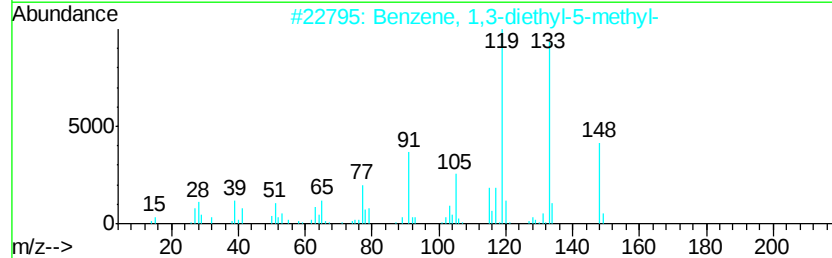
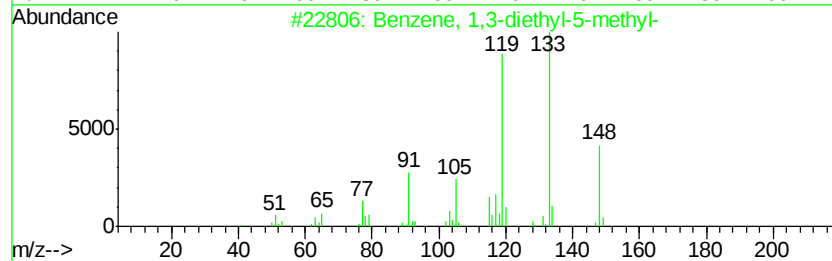
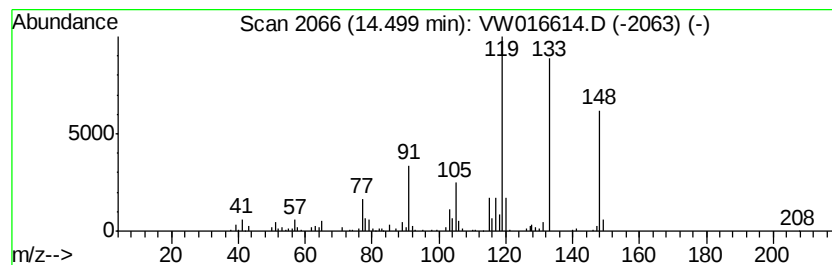
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	1.53 ug/L	109725	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	91
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	59
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

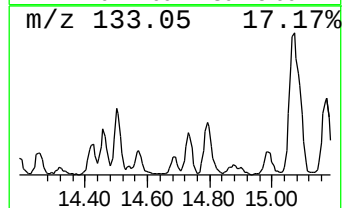
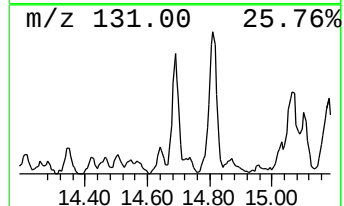
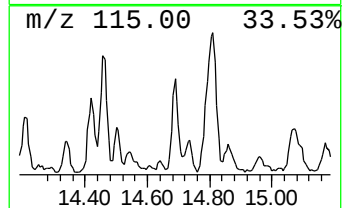
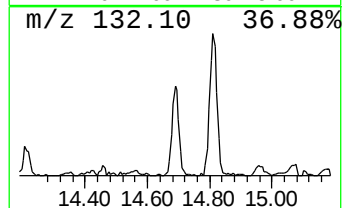
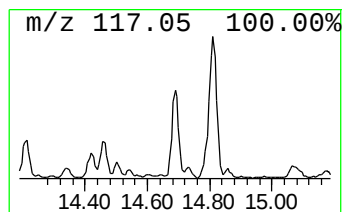
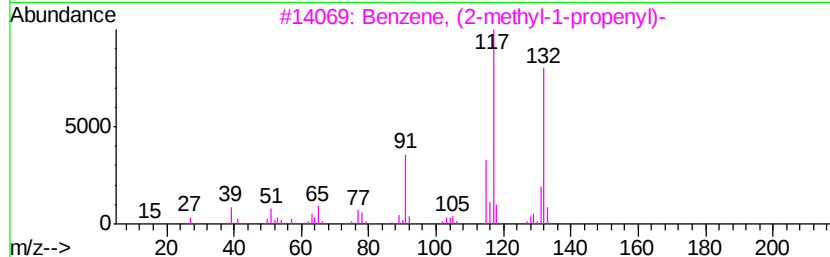
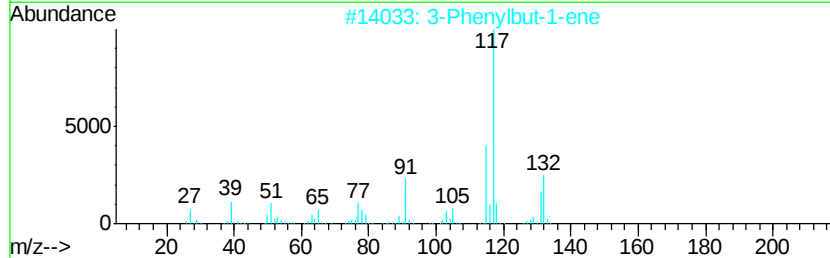
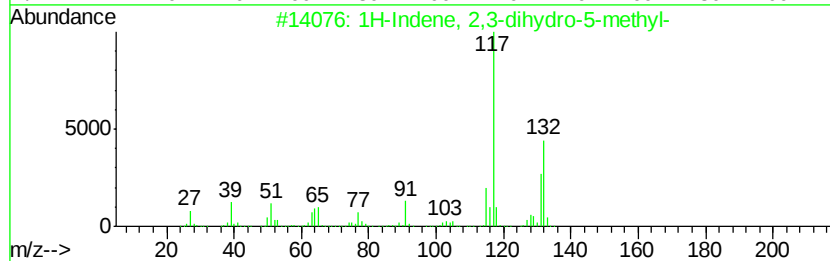
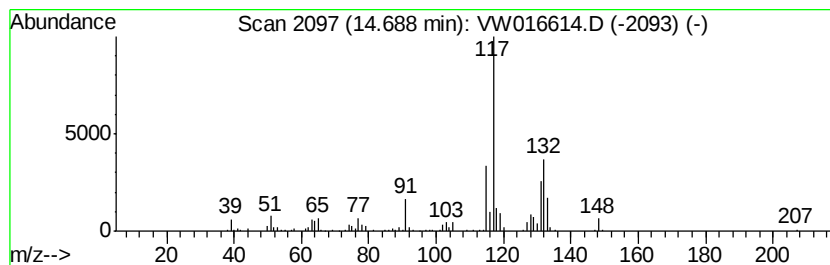
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Quant Title : VOC Analysis

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

Peak Number 24 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.30 ug/L	93015	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

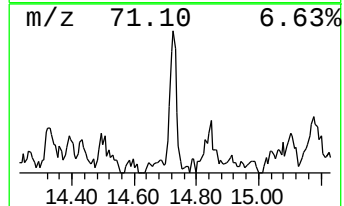
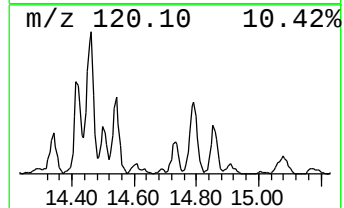
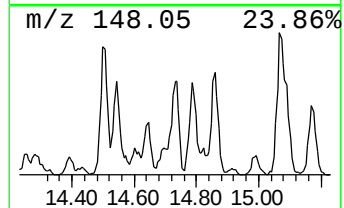
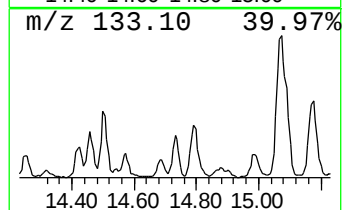
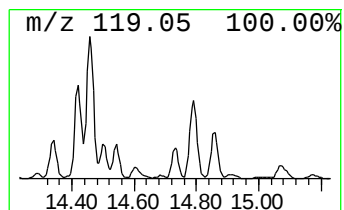
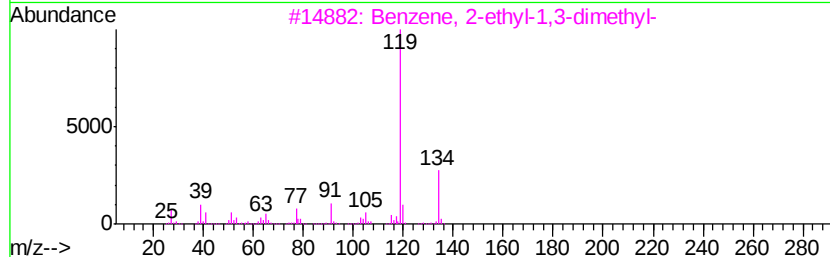
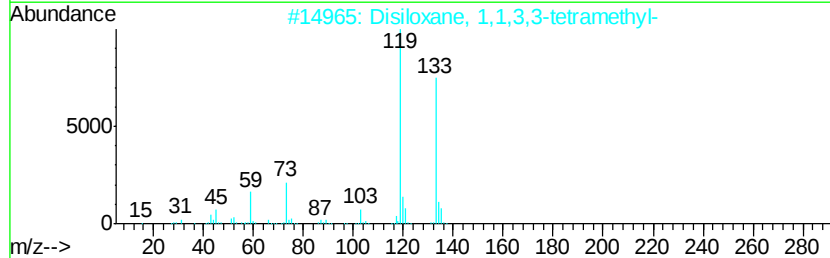
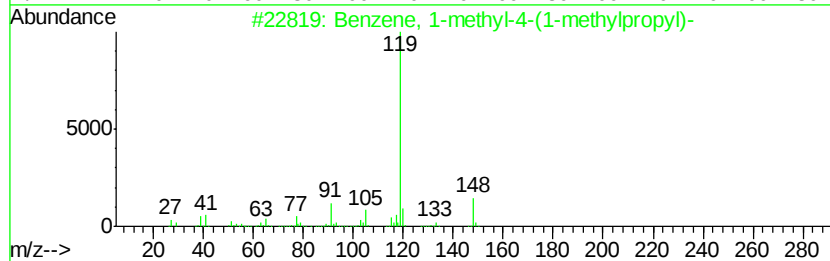
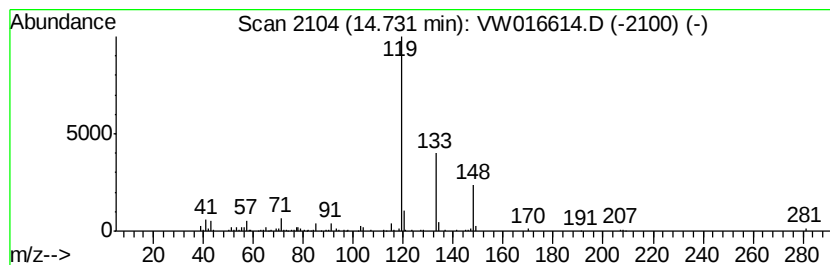
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	1.50 ug/L	107061	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
2			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	50
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
4			m-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-56-9	38
5			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

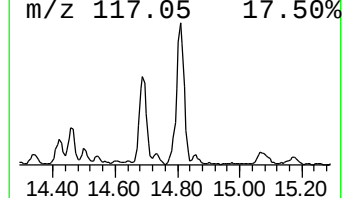
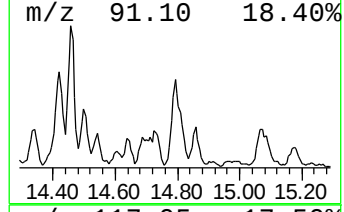
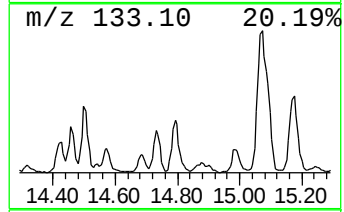
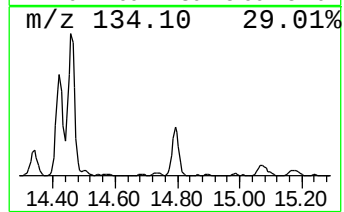
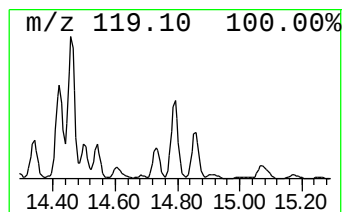
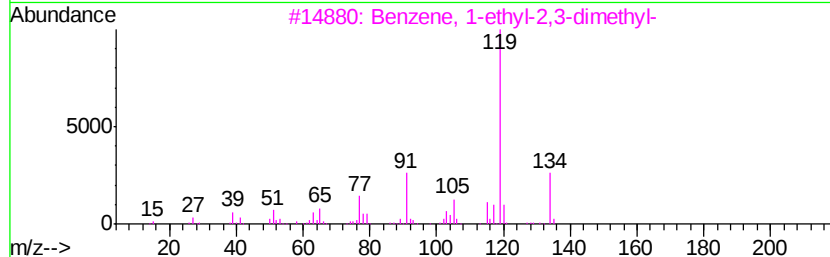
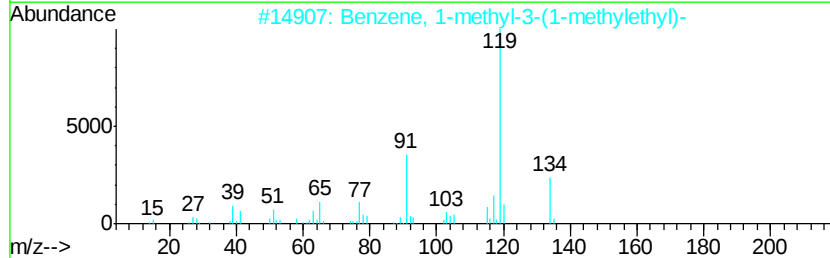
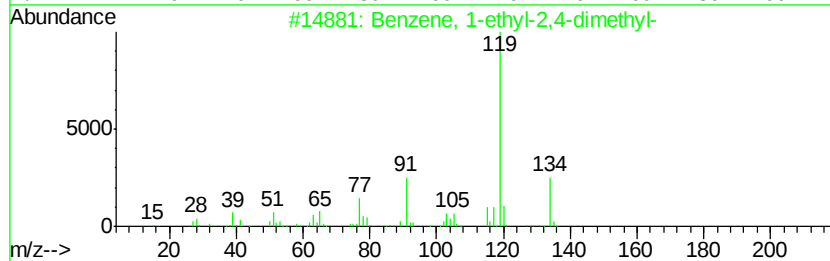
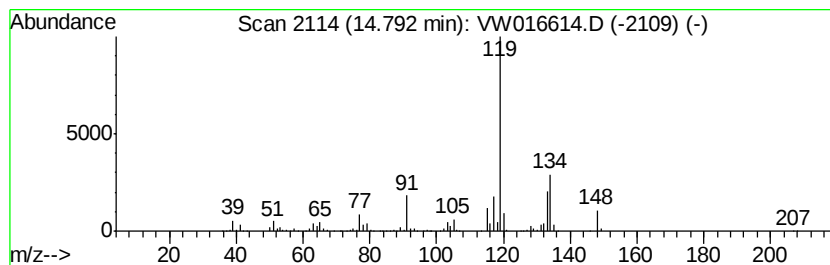
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.72 ug/L	337938	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	76
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5		o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

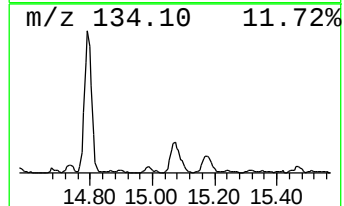
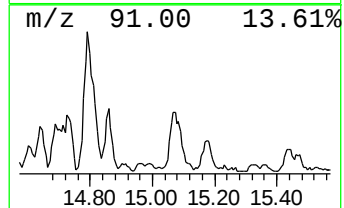
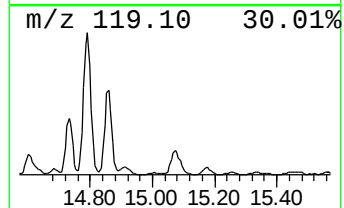
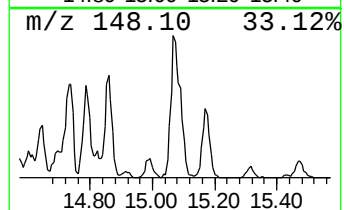
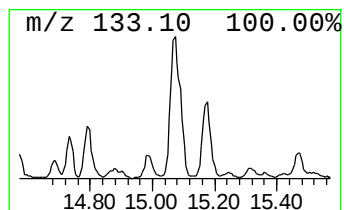
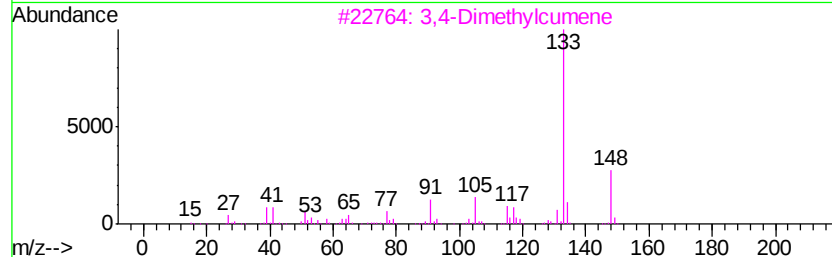
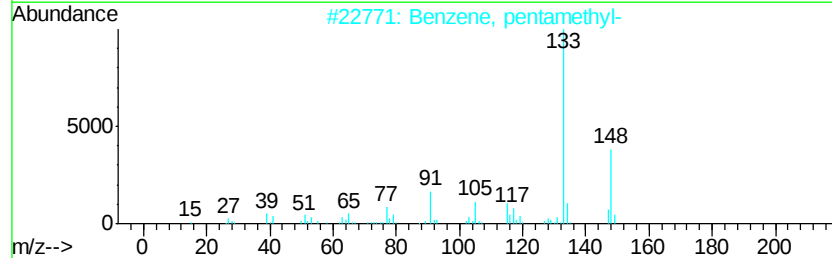
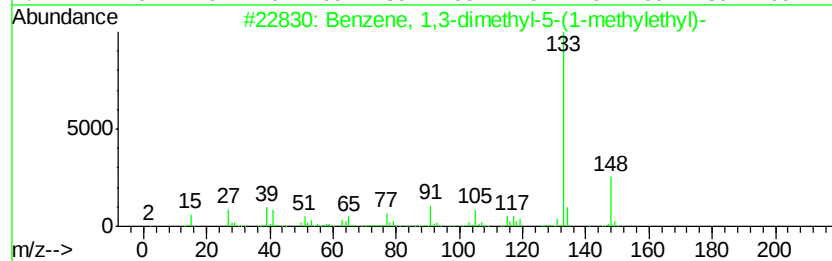
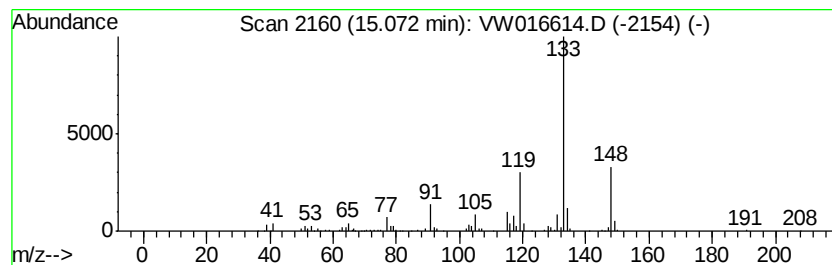
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.31 ug/L	165505	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016614.D
Acq On : 22 Sep 2020 16:41
Operator : SY/VA
Sample : L4109-04
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W8

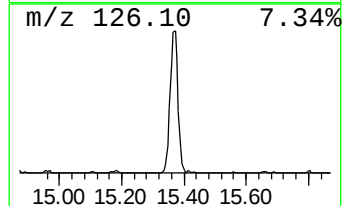
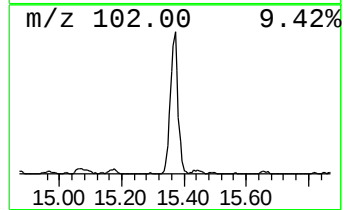
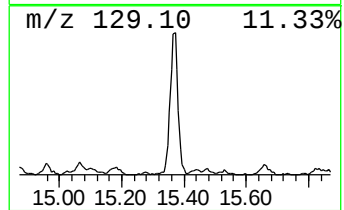
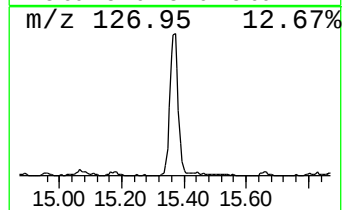
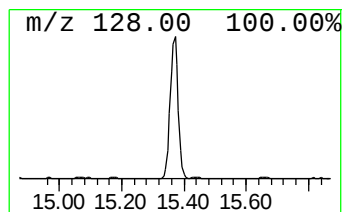
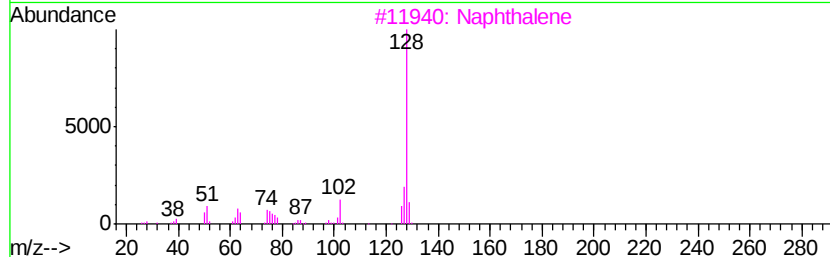
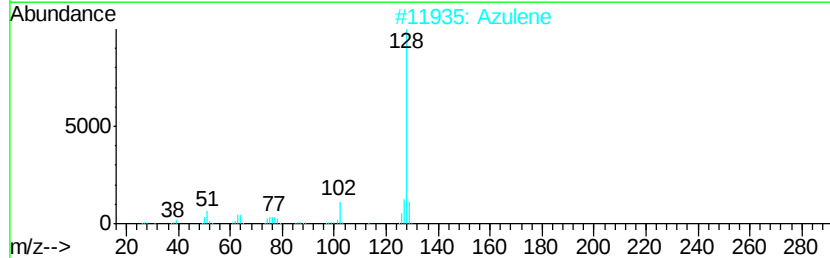
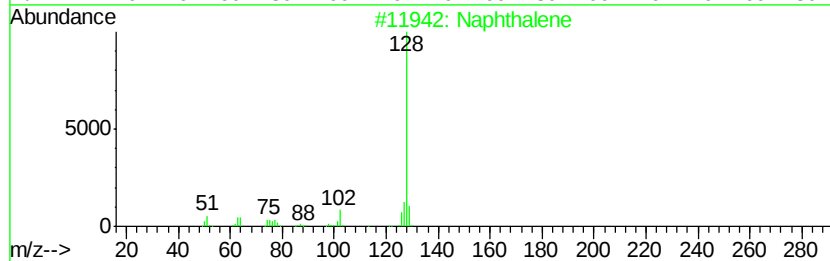
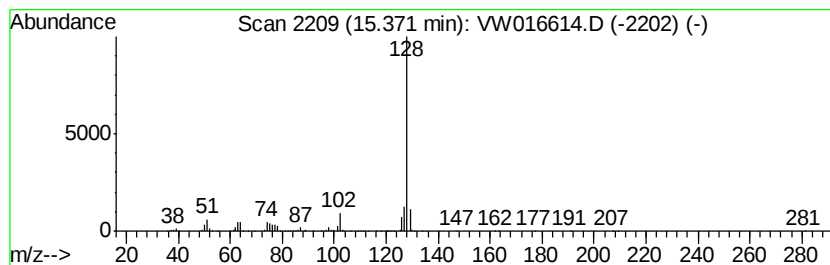
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 28 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.25 ug/L	303886	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	95
2		Azulene	128	C10H8	000275-51-4	94
3		Naphthalene	128	C10H8	000091-20-3	91
4		Naphthalene	128	C10H8	000091-20-3	91
5		Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
 Data File : VW016614.D
 Acq On : 22 Sep 2020 16:41
 Operator : SY/VA
 Sample : L4109-04
 Misc : 6.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W8

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...	5.95	181.7	ug/L	11274500	1	8.85	1551530	25.0
Butane, 2,3-dimet...	6.30	1.4	ug/L	84435	1	8.85	1551530	25.0
(DEL) Alkane: Str...	6.73	7.1	ug/L	442188	1	8.85	1551530	25.0
(DEL) Alkane: Str...	6.88	3.1	ug/L	190472	1	8.85	1551530	25.0
(DEL) Alkane: Cyc...	6.99	68.6	ug/L	4256390	1	8.85	1551530	25.0
Benzene, propyl-	12.80	12.6	ug/L	904359	3	13.56	1788260	25.0
Benzene, 1-ethyl-...	12.87	57.8	ug/L	4134340	3	13.56	1788260	25.0
Benzene, 1-ethyl-...	12.90	18.0	ug/L	1287640	3	13.56	1788260	25.0
Mesitylene	12.94	26.9	ug/L	1922480	3	13.56	1788260	25.0
4-Heptanone, 2,6-...	13.04	196.7	ug/L	14067800	3	13.56	1788260	25.0
Benzene, 1,2,4-tr...	13.10	23.2	ug/L	1659290	3	13.56	1788260	25.0
Benzene, 1,2,3-tr...	13.26	95.0	ug/L	6792170	3	13.56	1788260	25.0
Benzene, 1-etheny...	13.76	12.7	ug/L	906140	3	13.56	1788260	25.0
Benzene, 1,3-diet...	13.79	5.2	ug/L	374218	3	13.56	1788260	25.0
Benzene, 2-ethyl-...	14.01	2.5	ug/L	180231	3	13.56	1788260	25.0
Benzene, 1,2,3,5-...	14.04	2.7	ug/L	190499	3	13.56	1788260	25.0
Benzene, 1-ethyl-...	14.10	5.6	ug/L	403029	3	13.56	1788260	25.0
Benzene, 1,3-diet...	14.21	1.8	ug/L	126089	3	13.56	1788260	25.0
o-Cymene	14.33	1.8	ug/L	127523	3	13.56	1788260	25.0
Benzene, 1,2,3,4-...	14.42	3.7	ug/L	266623	3	13.56	1788260	25.0
Benzene, 1-ethyl-...	14.46	4.5	ug/L	320796	3	13.56	1788260	25.0
Benzene, 2,4-diet...	14.50	1.5	ug/L	109725	3	13.56	1788260	25.0
1H-Indene, 2,3-di...	14.69	1.3	ug/L	93015	3	13.56	1788260	25.0
Benzene, 1-methyl...	14.73	1.5	ug/L	107061	3	13.56	1788260	25.0
Benzene, 1-ethyl-...	14.79	4.7	ug/L	337938	3	13.56	1788260	25.0
Benzene, 1,3-dime...	15.07	2.3	ug/L	165505	3	13.56	1788260	25.0
Azulene	15.37	4.3	ug/L	303886	3	13.56	1788260	25.0