

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006324.D
 Acq On : 24 Oct 2018 17:17
 Operator : SY/AP
 Sample : J5635-22
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F8

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\SOM2WLM100918S.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	1.953	5	8	17	rVB2	11125	20447	1.32%	0.209%
2	2.093	29	31	37	rVB2	1978	3028	0.19%	0.031%
3	2.172	37	44	45	rBV5	1086	2180	0.14%	0.022%
4	2.355	65	74	82	rBV	38479	78918	5.08%	0.808%
5	2.452	88	90	96	rVB4	1405	1731	0.11%	0.018%
6	2.891	156	162	174	rVB	27037	69841	4.50%	0.715%
7	3.720	294	298	299	rBV3	962	1213	0.08%	0.012%
8	3.861	315	321	329	rVB7	1393	3535	0.23%	0.036%
9	4.013	335	346	356	rVV	66796	175512	11.30%	1.797%
10	4.123	356	364	377	rVB2	17118	46391	2.99%	0.475%
11	4.373	397	405	419	rVB3	3741	12037	0.77%	0.123%
12	4.507	426	427	433	rVB3	549	683	0.04%	0.007%
13	4.909	484	493	504	rBV2	6748	20744	1.34%	0.212%
14	5.787	632	637	641	rVB4	738	1618	0.10%	0.017%
15	5.940	652	662	663	rBV4	1189	2285	0.15%	0.023%
16	6.177	699	701	703	rVV3	571	647	0.04%	0.007%
17	7.086	840	850	857	rBV2	18398	52673	3.39%	0.539%
18	7.537	923	924	932	rVB5	581	1007	0.06%	0.010%
19	7.653	932	943	953	rBV	89730	217680	14.01%	2.229%
20	7.872	976	979	982	rVV4	388	524	0.03%	0.005%
21	8.165	1024	1027	1029	rBV2	371	521	0.03%	0.005%
22	8.207	1031	1034	1036	rVV3	783	949	0.06%	0.010%
23	8.281	1036	1046	1063	rVB2	178329	552290	35.55%	5.655%
24	8.592	1094	1097	1098	rVV2	1457	1800	0.12%	0.018%
25	8.634	1100	1104	1108	rVV3	2967	6815	0.44%	0.070%
26	8.689	1111	1113	1123	rVV5	3132	7250	0.47%	0.074%
27	8.756	1123	1124	1131	rVB5	906	1709	0.11%	0.017%
28	8.848	1131	1139	1147	rBV	204452	398080	25.63%	4.076%
29	9.043	1166	1171	1173	rBV3	1432	2205	0.14%	0.023%
30	9.067	1173	1175	1177	rVV3	568	588	0.04%	0.006%
31	9.280	1202	1210	1218	rBV	120657	251569	16.20%	2.576%
32	9.671	1270	1274	1275	rBV4	629	798	0.05%	0.008%
33	9.713	1279	1281	1282	rBV	1192	702	0.05%	0.007%
34	9.994	1325	1327	1328	rBV2	1303	1017	0.07%	0.010%

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35	10.036	1328	1334	1341	rVV	58307	105606	6.80%	1.081%
36	10.189	1356	1359	1361	rBV4	536	714	0.05%	0.007%
37	10.329	1374	1382	1388	rBV	251527	436269	28.09%	4.467%
38	10.402	1388	1394	1403	rVV4	35098	78008	5.02%	0.799%
39	10.518	1403	1413	1417	rVV	20193	47183	3.04%	0.483%
40	10.579	1417	1423	1428	rVV4	47456	92834	5.98%	0.951%
41	10.628	1428	1431	1436	rVB4	6216	9594	0.62%	0.098%
42	10.695	1436	1442	1449	rBV3	16273	28542	1.84%	0.292%
43	10.780	1452	1456	1462	rVB5	5376	9327	0.60%	0.095%
44	10.933	1474	1481	1493	rBV	69186	122064	7.86%	1.250%
45	11.067	1502	1503	1508	rVB2	675	722	0.05%	0.007%
46	11.183	1518	1522	1527	rVV4	1917	3117	0.20%	0.032%
47	11.225	1527	1529	1531	rBV2	696	710	0.05%	0.007%
48	11.347	1546	1549	1552	rVB3	546	529	0.03%	0.005%
49	11.414	1552	1560	1568	rVB7	2341	6087	0.39%	0.062%
50	11.512	1572	1576	1582	rBV4	1520	2857	0.18%	0.029%
51	11.634	1589	1596	1603	rBV	254777	427234	27.50%	4.374%
52	11.847	1622	1631	1635	rBV5	5885	12202	0.79%	0.125%
53	11.926	1642	1644	1647	rVB4	698	554	0.04%	0.006%
54	12.067	1663	1667	1671	rBV5	639	1098	0.07%	0.011%
55	12.170	1674	1684	1692	rVB6	8856	18857	1.21%	0.193%
56	12.262	1692	1699	1703	rVB5	1410	2915	0.19%	0.030%
57	12.310	1703	1707	1708	rBV2	608	833	0.05%	0.009%
58	12.347	1708	1713	1714	rBV3	954	1629	0.10%	0.017%
59	12.469	1726	1733	1742	rBV2	107451	178853	11.51%	1.831%
60	12.548	1744	1746	1747	rVV2	1227	1103	0.07%	0.011%
61	12.603	1750	1755	1762	rVB2	12218	29170	1.88%	0.299%
62	12.701	1764	1771	1777	rBV	85378	146451	9.43%	1.499%
63	12.762	1777	1781	1785	rBV4	4475	7480	0.48%	0.077%
64	12.902	1794	1804	1807	rBV3	15275	30912	1.99%	0.317%
65	12.951	1807	1812	1821	rVB2	31289	64379	4.14%	0.659%
66	13.036	1821	1826	1831	rVB7	5356	11417	0.73%	0.117%
67	13.109	1831	1838	1844	rBV4	6166	20610	1.33%	0.211%
68	13.200	1845	1853	1861	rVB	47204	88423	5.69%	0.905%
69	13.310	1865	1871	1877	rBV	18181	27885	1.80%	0.286%
70	13.414	1877	1888	1893	rBV2	102756	211518	13.62%	2.166%
71	13.505	1897	1903	1908	rBV	126886	217419	14.00%	2.226%

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72	13.585	1908	1916	1932	rVB3	646231	1553356	100.00%	15.905%
73	13.725	1934	1939	1942	rBV	41810	67332	4.33%	0.689%
74	13.774	1942	1947	1950	rBV2	54363	93702	6.03%	0.959%
75	13.859	1956	1961	1969	rBV2	112017	249639	16.07%	2.556%
76	13.963	1973	1978	1983	rVB4	76628	124923	8.04%	1.279%
77	14.084	1993	1998	2000	rBV2	32974	53229	3.43%	0.545%
78	14.206	2012	2018	2023	rBV3	35200	72940	4.70%	0.747%
79	14.261	2023	2027	2030	rBV	39799	66341	4.27%	0.679%
80	14.426	2050	2054	2057	rBV	72042	107903	6.95%	1.105%
81	14.469	2057	2061	2064	rVV	80266	123811	7.97%	1.268%
82	14.511	2064	2068	2076	rVV3	126618	249929	16.09%	2.559%
83	14.578	2076	2079	2087	rVB	47041	77778	5.01%	0.796%
84	14.651	2087	2091	2095	rBV3	25728	48170	3.10%	0.493%
85	14.731	2101	2104	2109	rBV2	43722	62092	4.00%	0.636%
86	14.798	2111	2115	2124	rVB4	28304	61367	3.95%	0.628%
87	15.078	2156	2161	2167	rBV3	14125	34513	2.22%	0.353%
88	15.139	2167	2171	2176	rVB2	39857	64948	4.18%	0.665%
89	15.267	2188	2192	2194	rBV4	5153	9243	0.60%	0.095%
90	15.353	2202	2206	2213	rVB4	11958	25983	1.67%	0.266%
91	15.420	2214	2217	2222	rBV5	6967	12080	0.78%	0.124%
92	15.566	2237	2241	2247	rVB4	12280	23106	1.49%	0.237%
93	15.822	2280	2283	2286	rBV4	10303	17252	1.11%	0.177%
94	15.962	2302	2306	2311	rBV2	14653	32767	2.11%	0.335%
95	16.188	2335	2343	2346	rBV	255596	459579	29.59%	4.706%
96	16.230	2346	2350	2356	rVB	354284	609396	39.23%	6.240%
97	16.365	2368	2372	2375	rBV4	4049	6820	0.44%	0.070%
98	16.432	2375	2383	2390	rVV	317464	598699	38.54%	6.130%
99	16.511	2390	2396	2405	rVV	180075	335319	21.59%	3.433%
100	16.615	2406	2413	2429	rVB	68612	140415	9.04%	1.438%

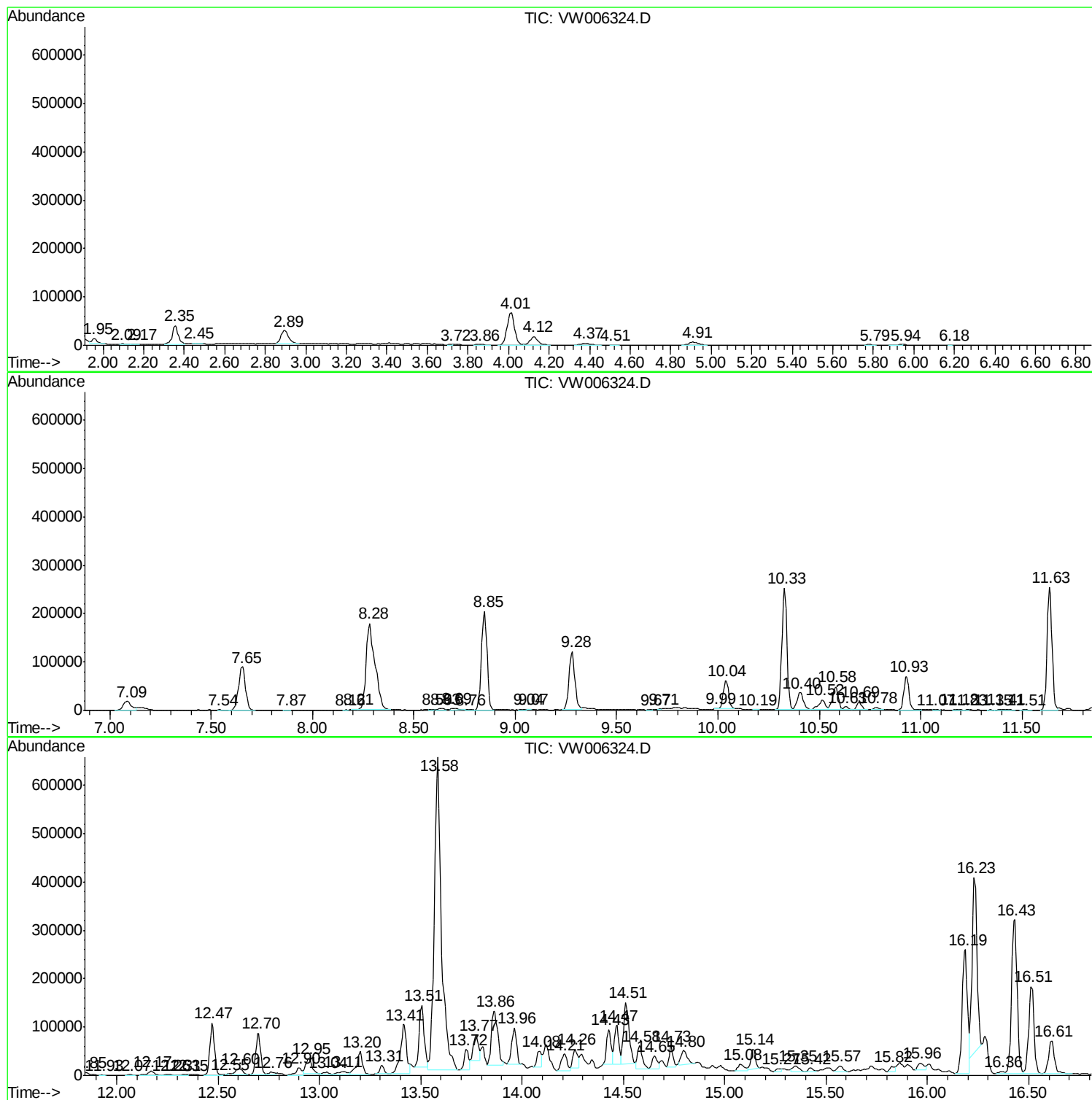
Sum of corrected areas: 9766724

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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Instrument :
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ClientSampled :
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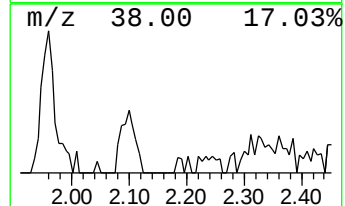
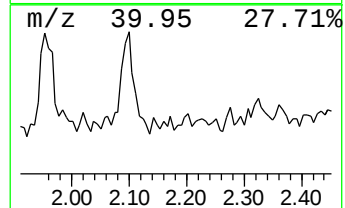
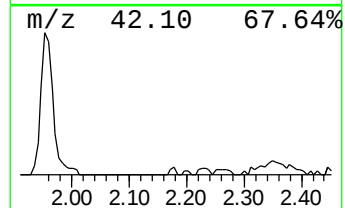
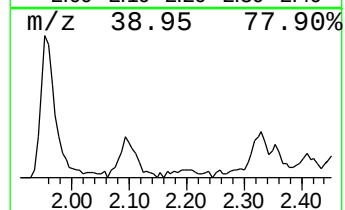
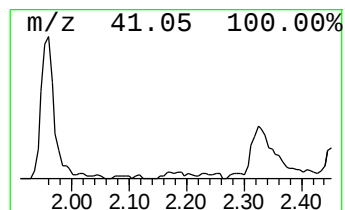
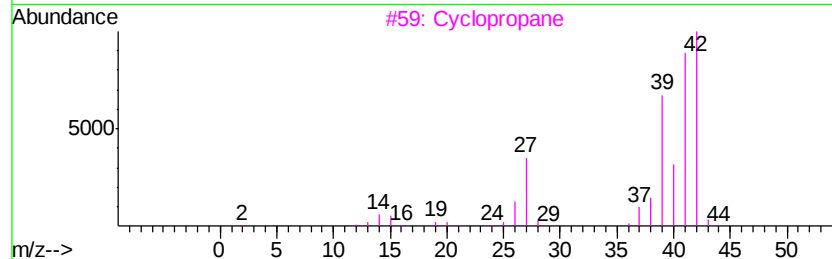
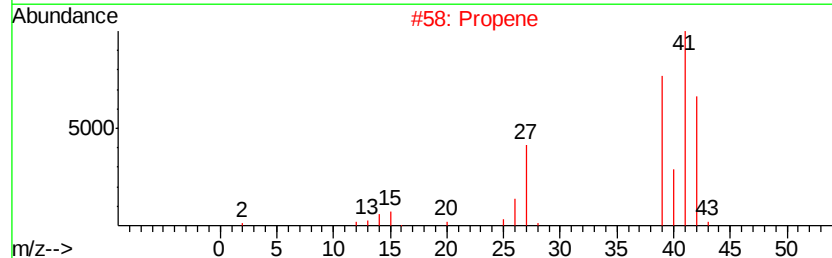
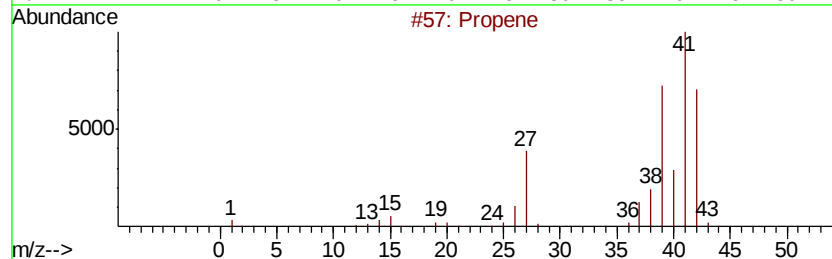
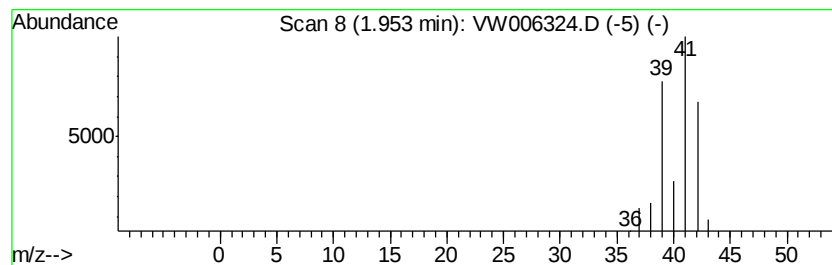
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	1.28 ug/L	20447	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene			42	C3H6	000115-07-1	90
2	Propene			42	C3H6	000115-07-1	56
3	Cyclopropane			42	C3H6	000075-19-4	43
4	Cyclopropane			42	C3H6	000075-19-4	10
5	Cyclopropane			42	C3H6	000075-19-4	4



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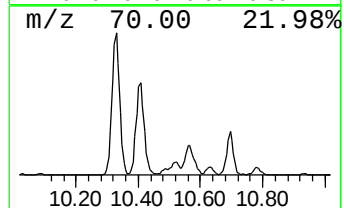
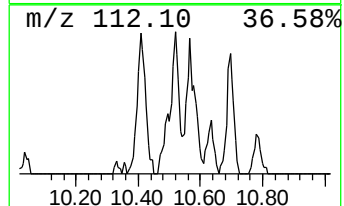
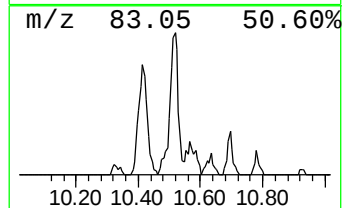
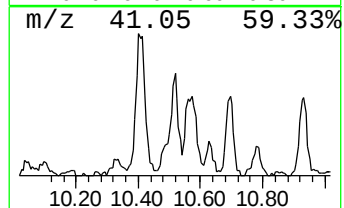
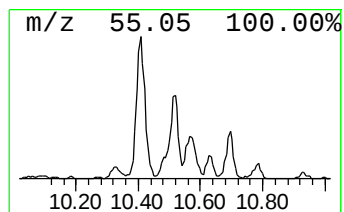
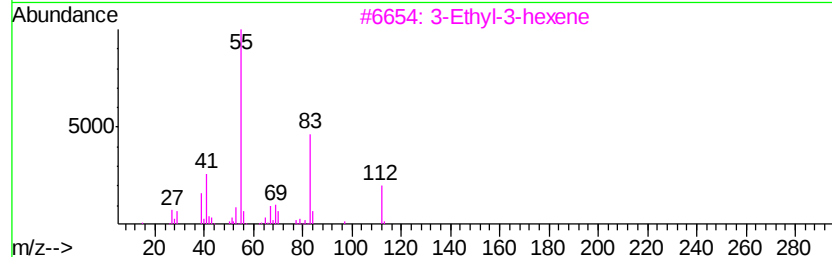
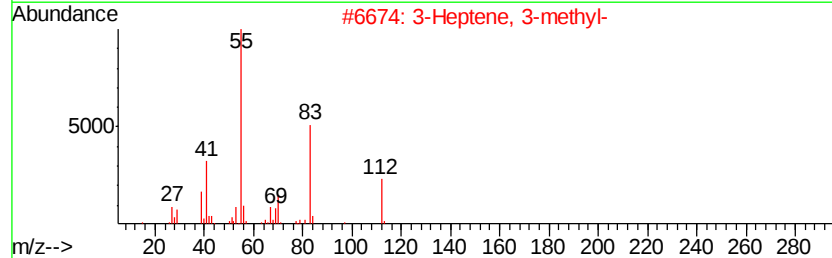
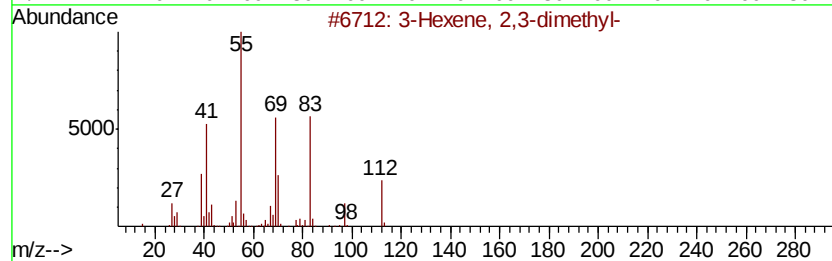
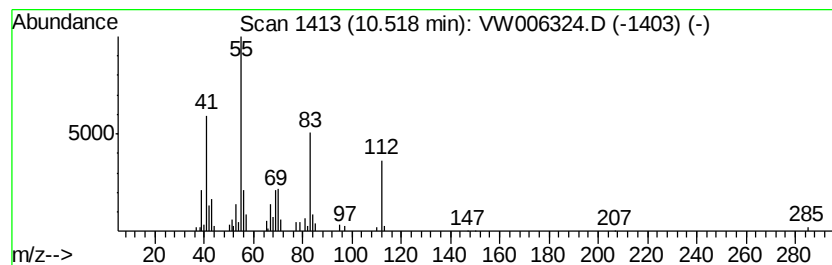
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic10.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.52	2.76 ug/L	47183	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	76
2	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	64
3	3-Ethyl-3-hexene	112	C8H16	016789-51-8	64
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	64
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	62



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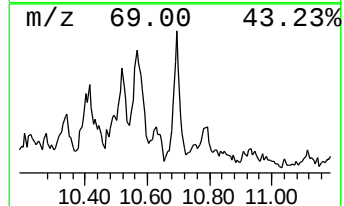
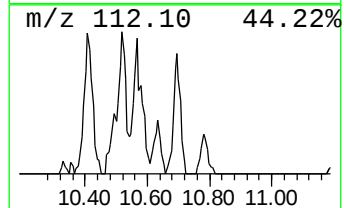
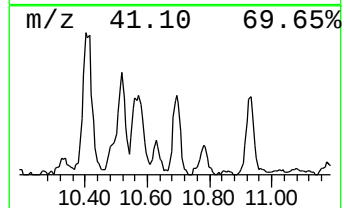
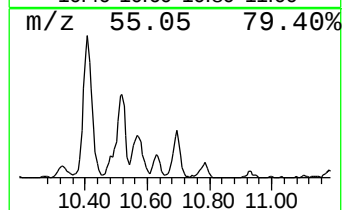
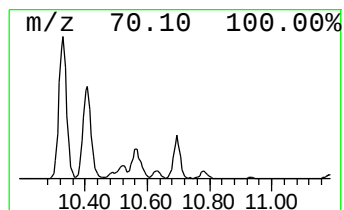
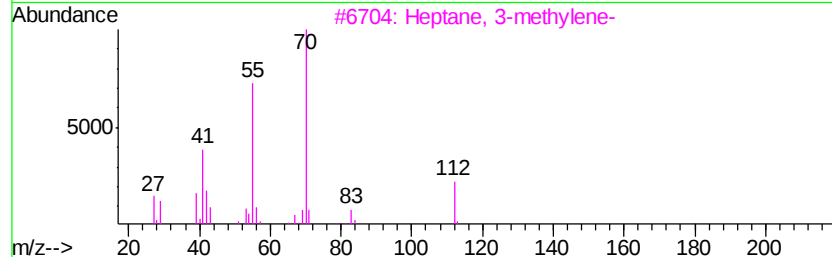
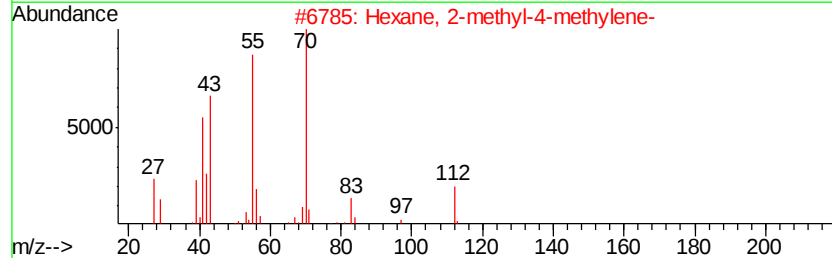
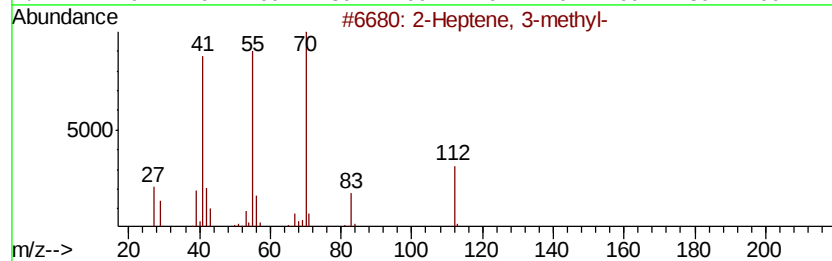
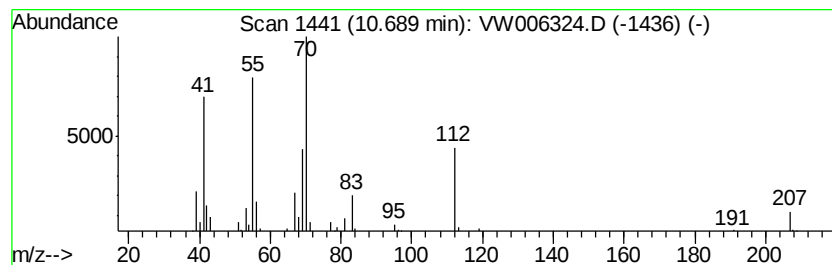
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Quant Title : VOC Analysis

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Peak Number 4 (DEL) Alkane: Cyclic10.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	1.67 ug/L	28542	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-		112	C8H16	003404-75-9	76
2	Hexane, 2-methyl-4-methylene-		112	C8H16	003404-80-6	59
3	Heptane, 3-methylene-		112	C8H16	001632-16-2	58
4	3-Octene, (E)-		112	C8H16	014919-01-8	43
5	Heptane, 3-methylene-		112	C8H16	001632-16-2	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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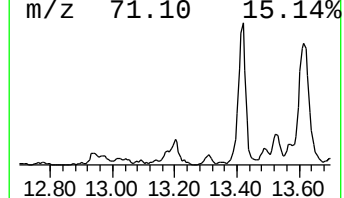
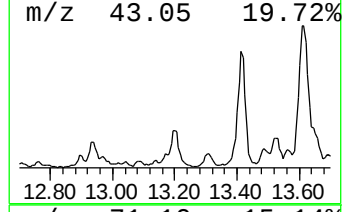
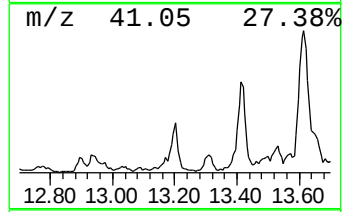
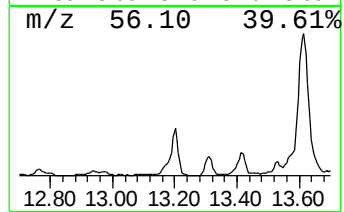
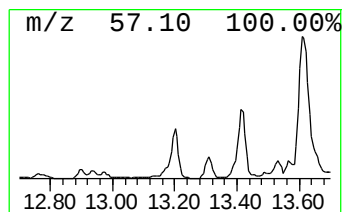
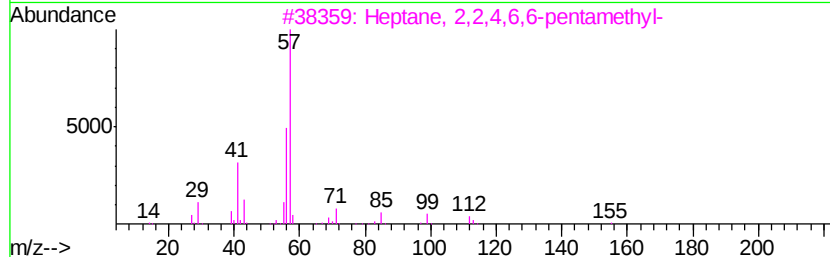
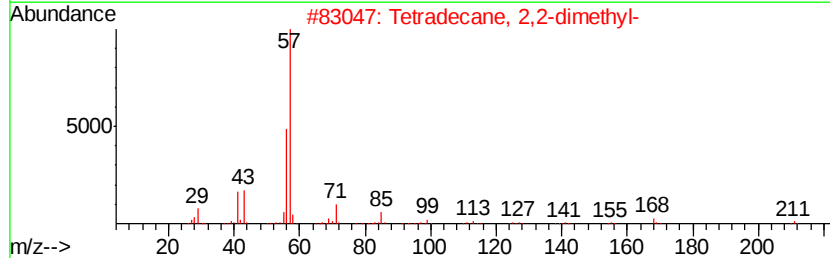
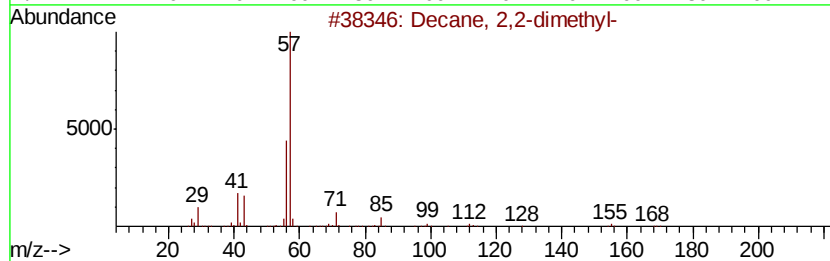
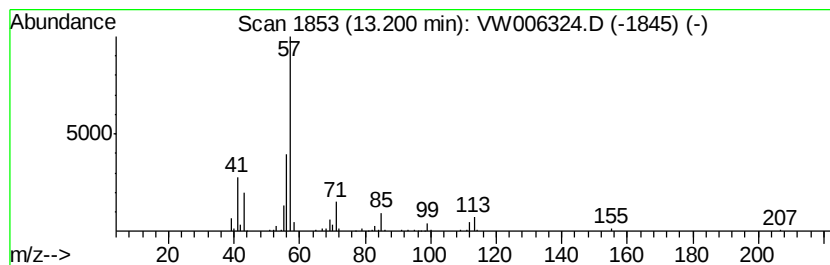
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	1.42 ug/L	88423	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
3		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

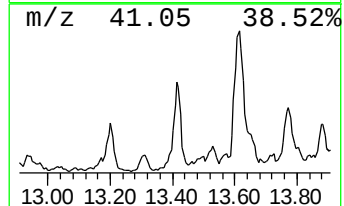
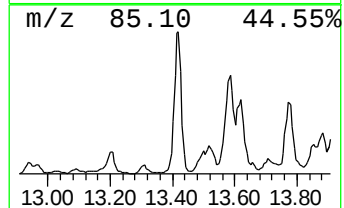
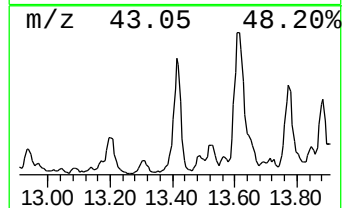
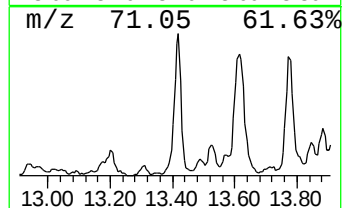
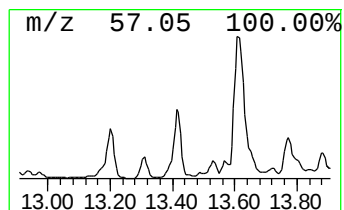
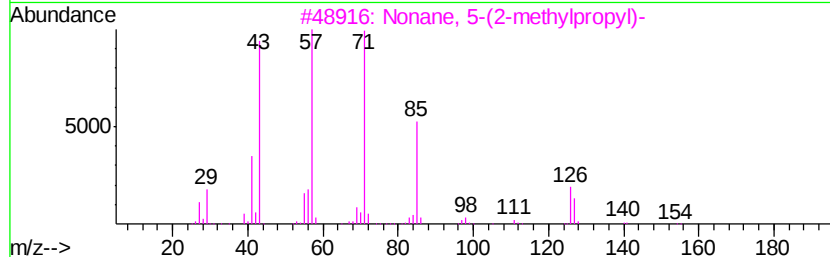
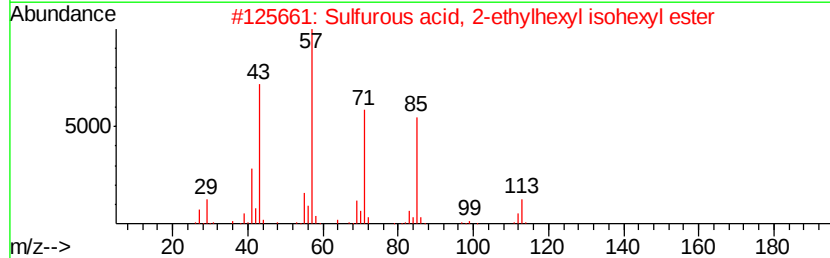
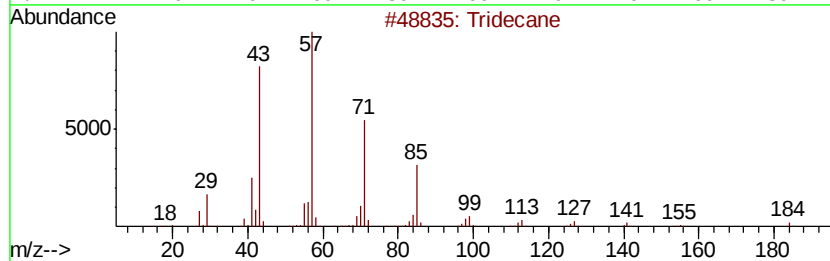
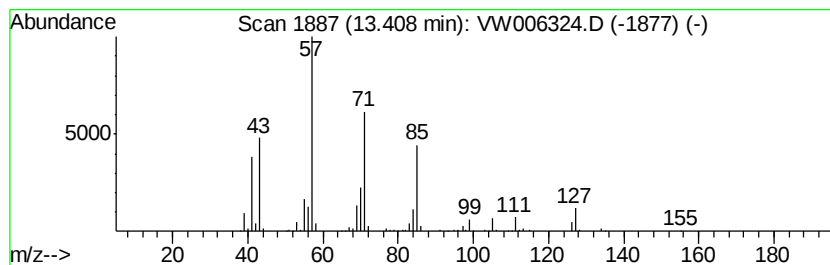
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.41	3.40 ug/L	211518	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
4	Decane, 5-propyl-	184	C13H28	017312-62-8	47
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40F8

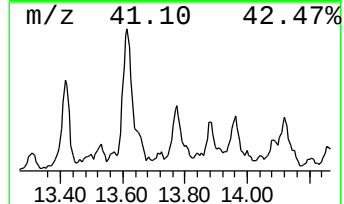
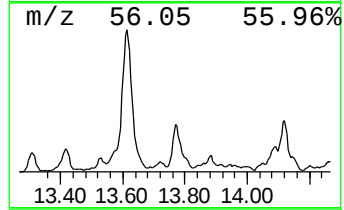
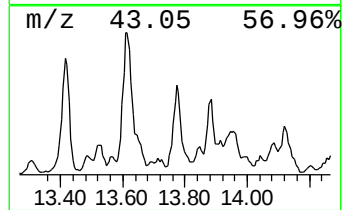
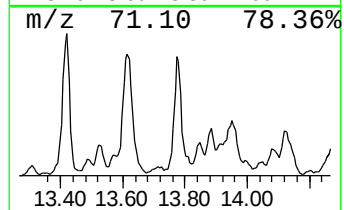
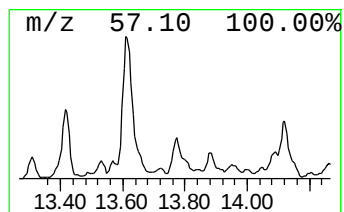
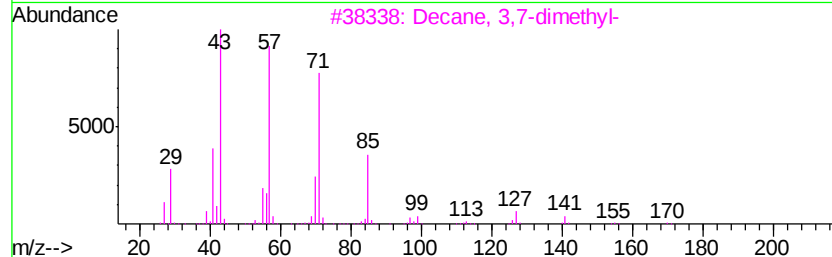
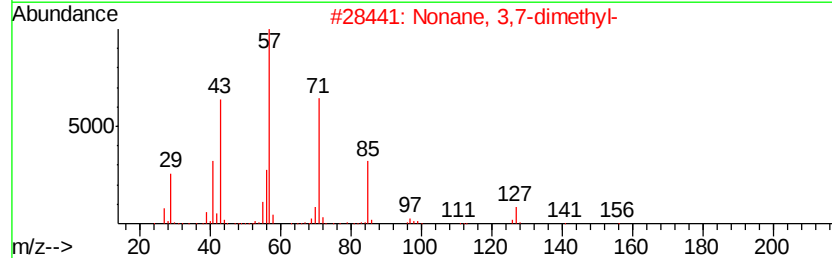
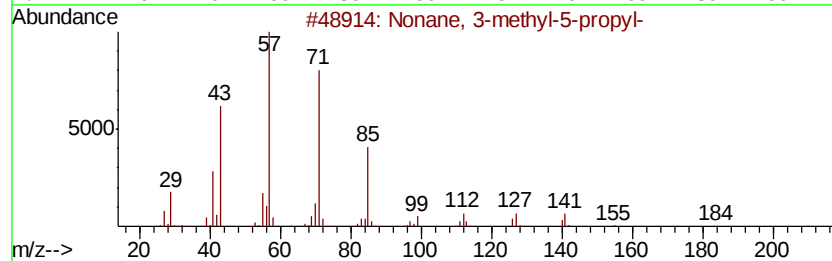
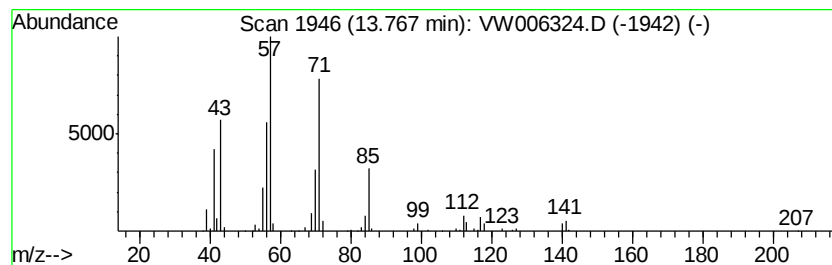
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	1.51 ug/L	93702	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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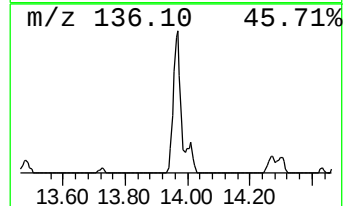
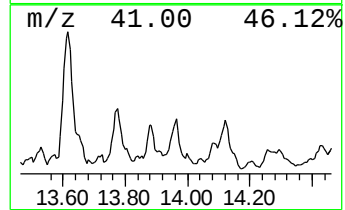
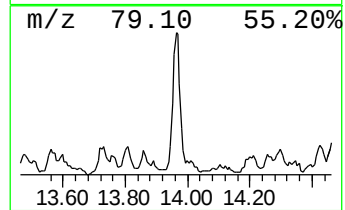
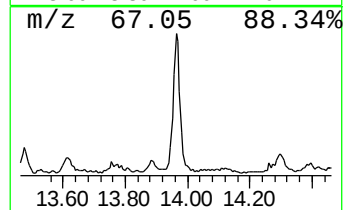
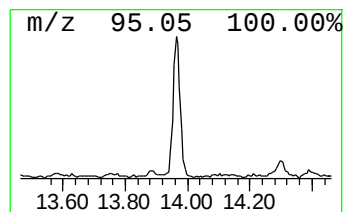
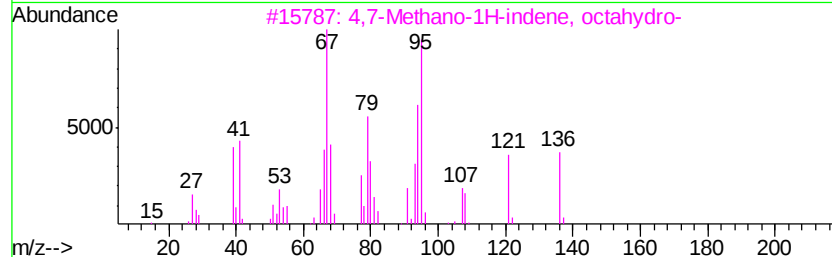
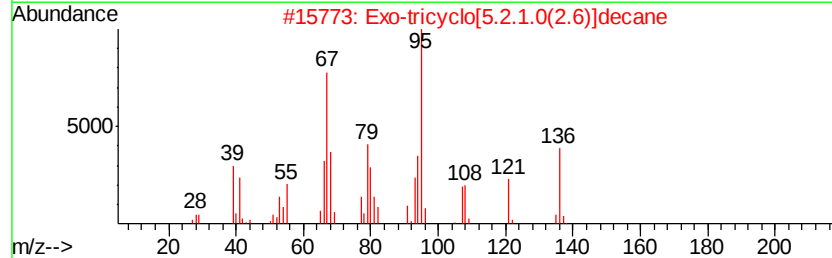
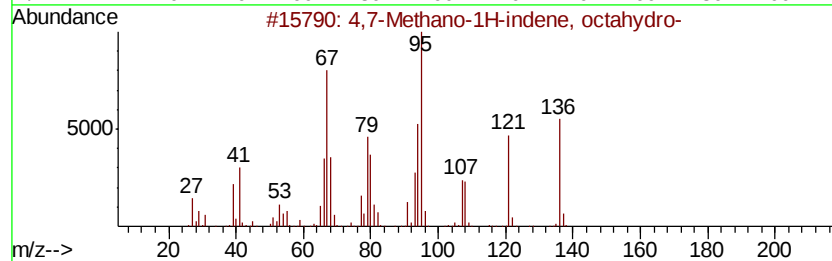
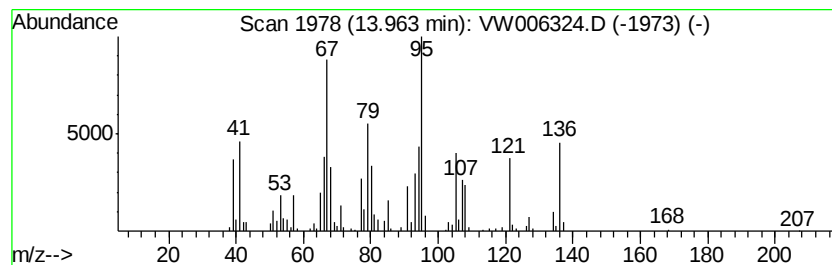
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Quant Title : VOC Analysis

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

Peak Number 8 4,7-Methano-1H-indene, octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.01 ug/L	124923	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95
2		Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	93
3		4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	93
4		4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	93
5		Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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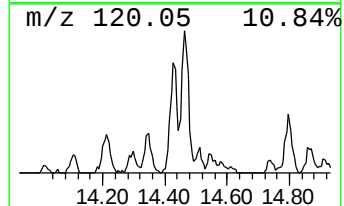
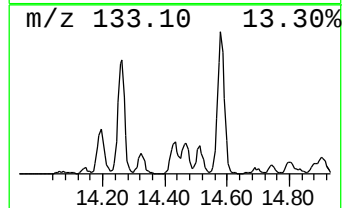
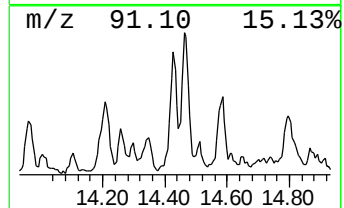
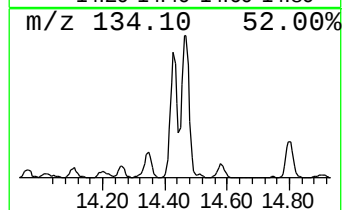
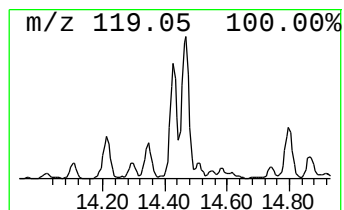
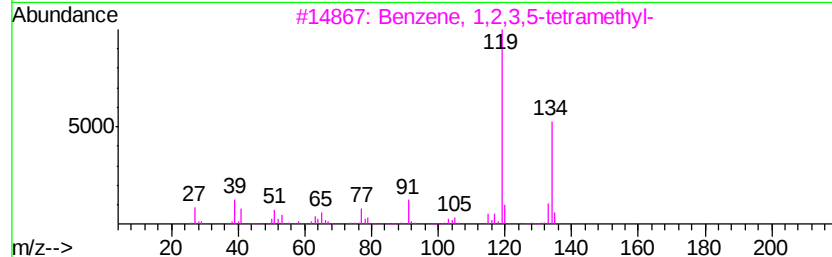
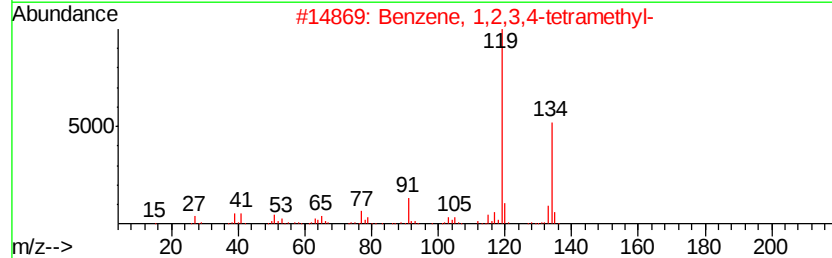
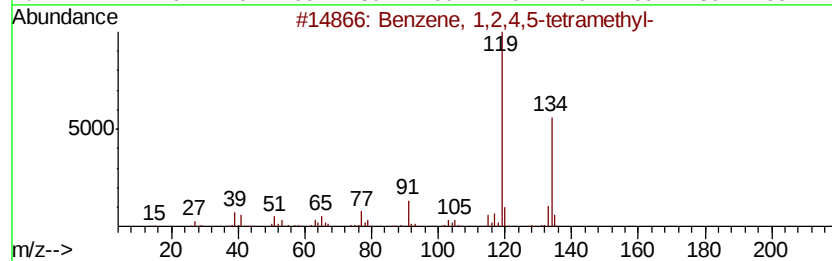
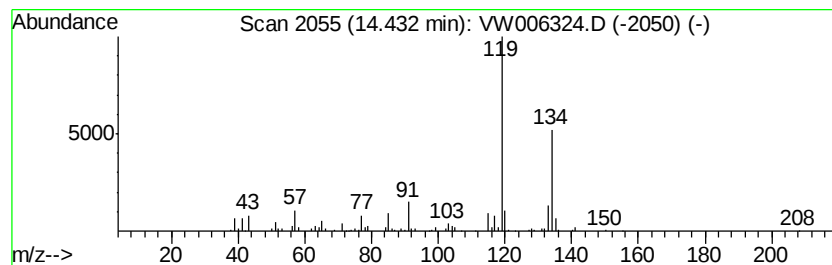
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	1.74 ug/L	107903	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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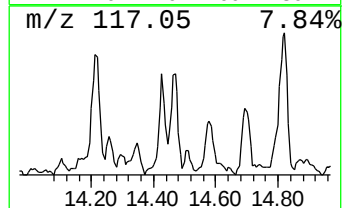
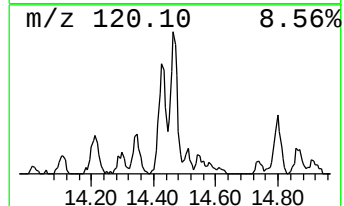
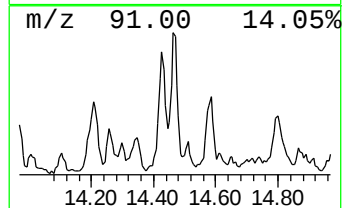
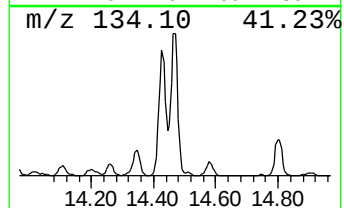
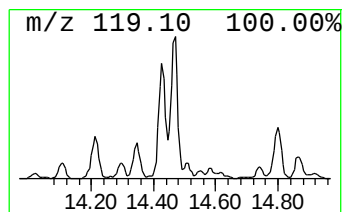
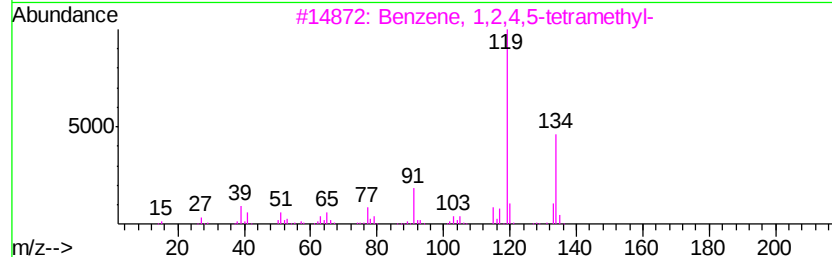
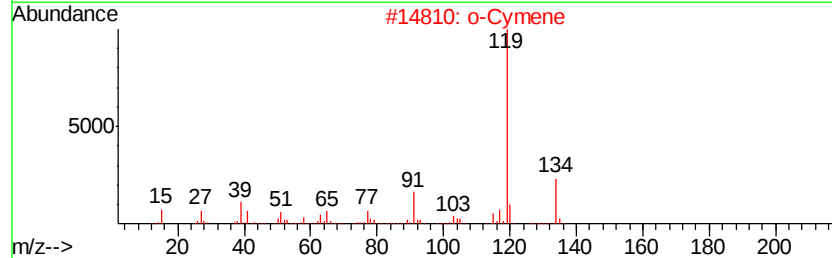
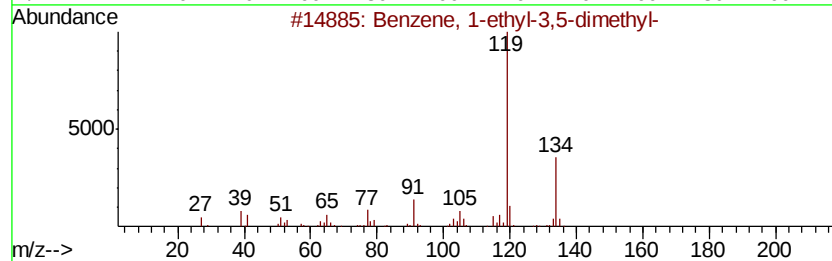
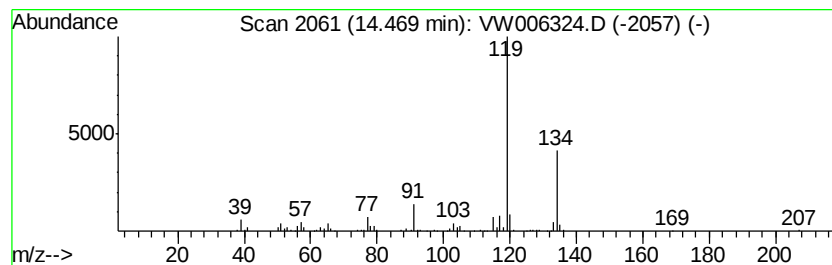
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	1.99 ug/L	123811	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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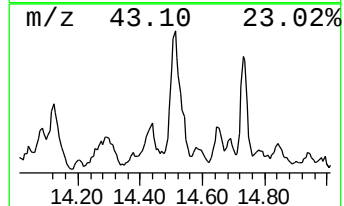
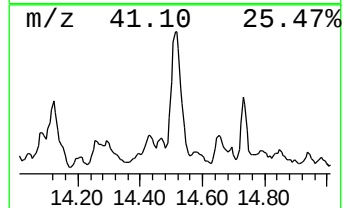
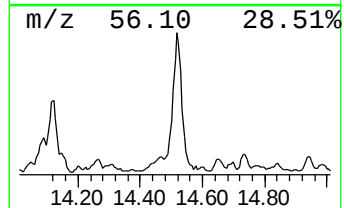
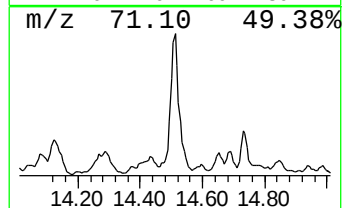
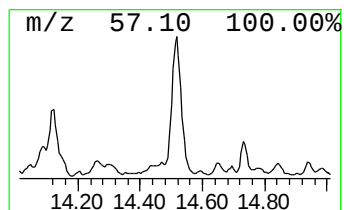
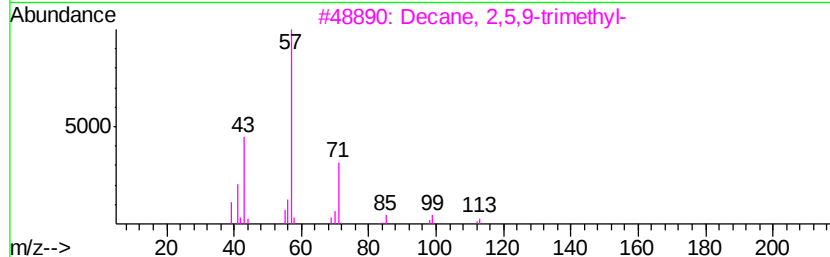
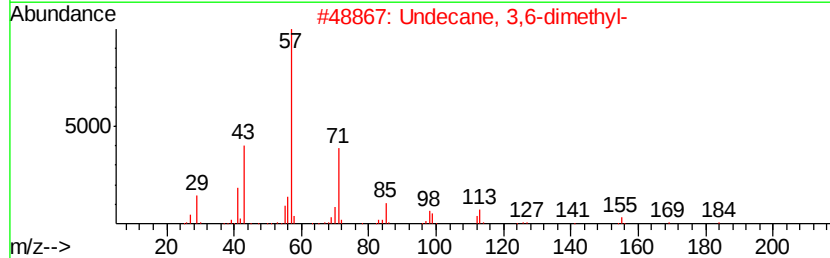
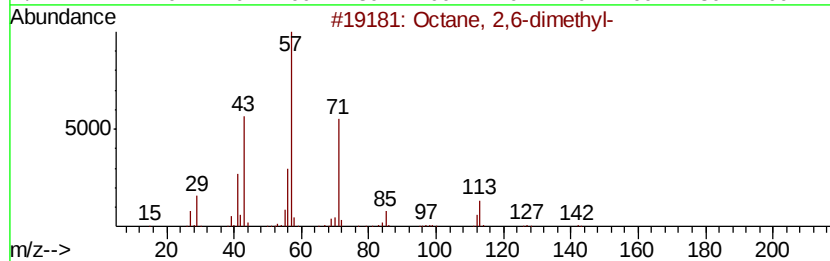
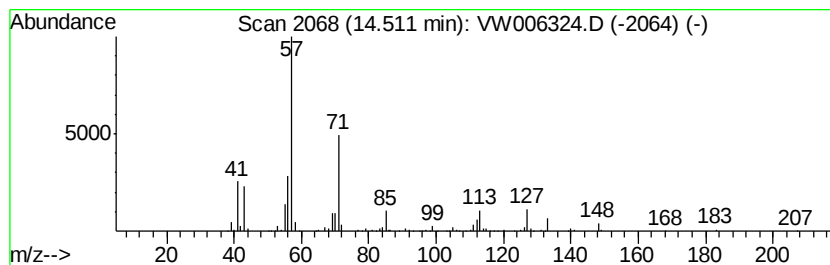
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.02 ug/L	249929	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40F8

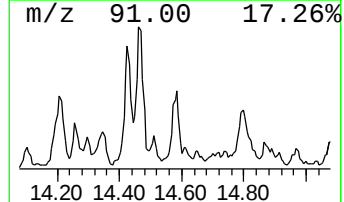
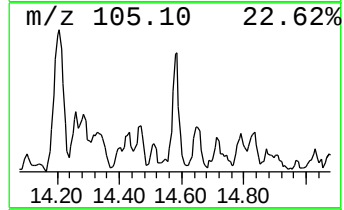
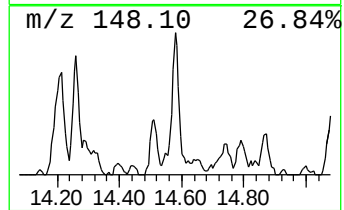
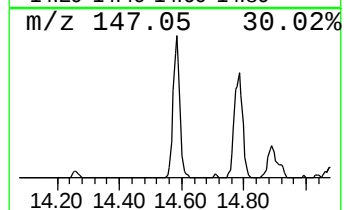
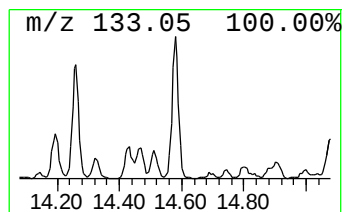
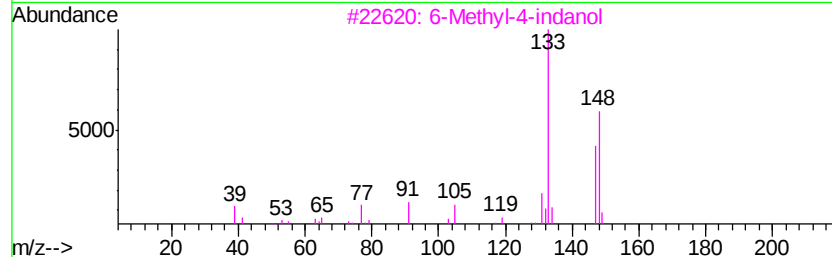
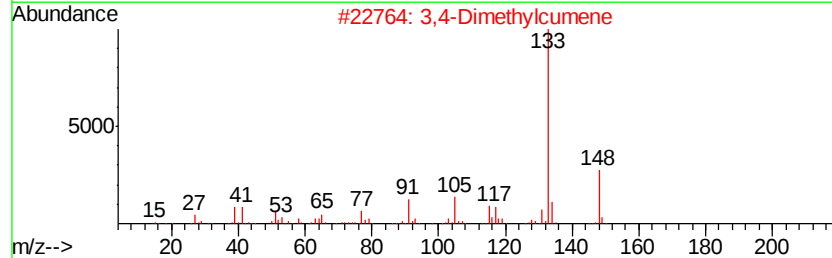
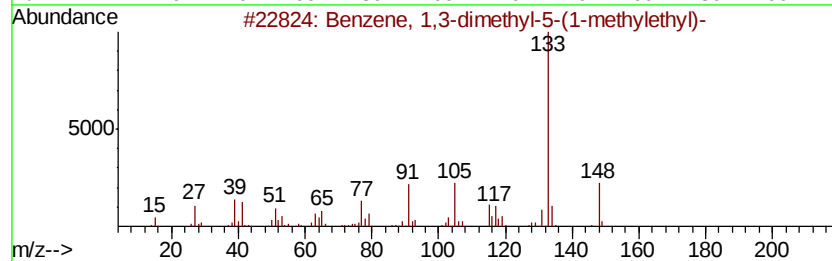
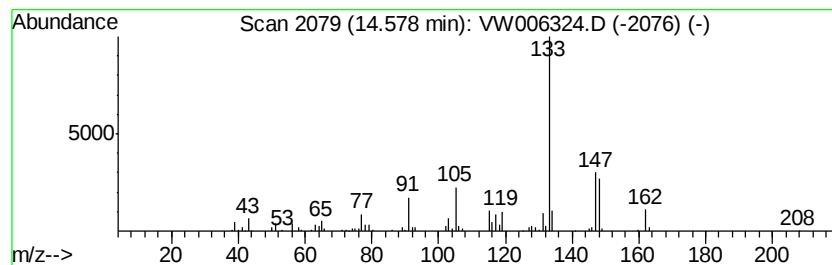
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	1.25 ug/L	77778	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
3		6-Methyl-4-indanol	148	C10H12O	020294-32-0	72
4		1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68
5		Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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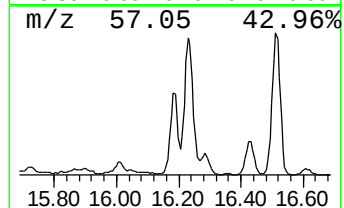
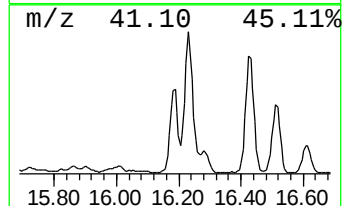
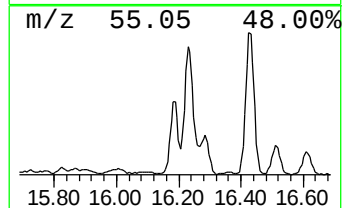
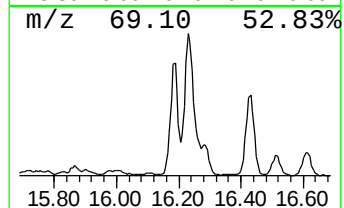
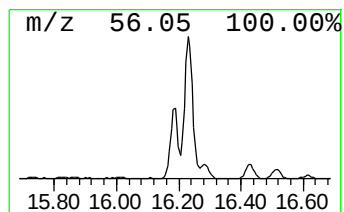
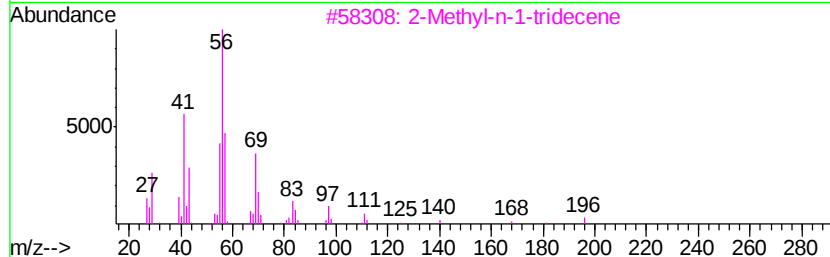
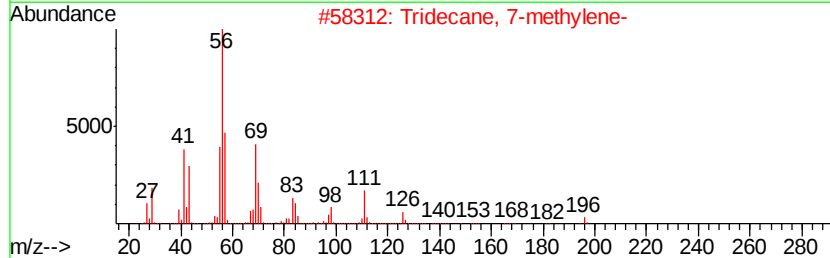
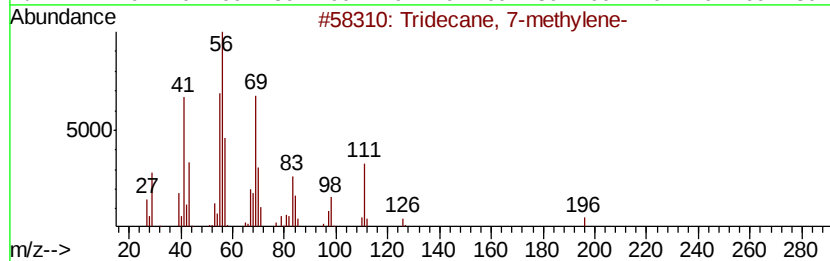
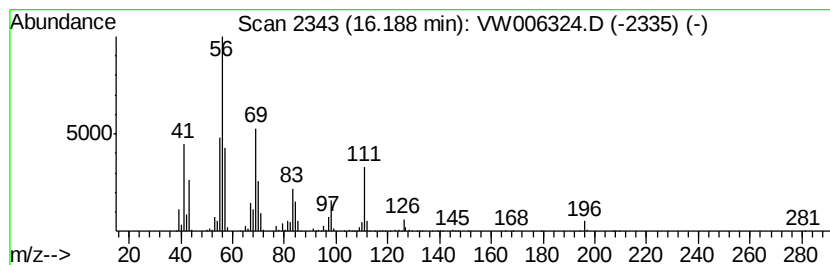
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic16.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	7.40 ug/L	459579	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	96
2		Tridecane, 7-methylene-	196	C14H28	019780-80-4	94
3		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	83
4		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	72
5		Azetidine-2-one, 3-hexyl-3-methyl-	169	C10H19NO	105037-97-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

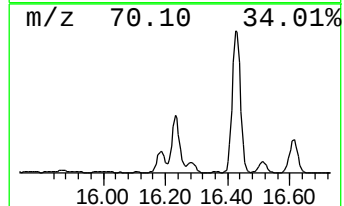
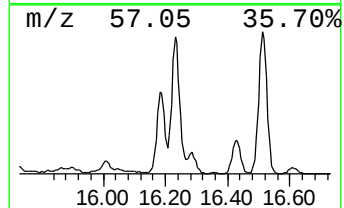
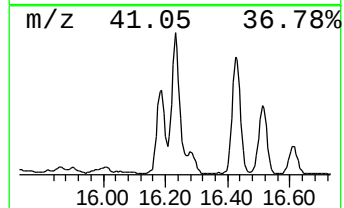
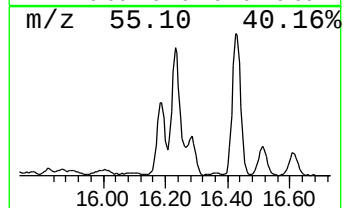
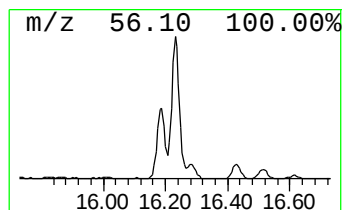
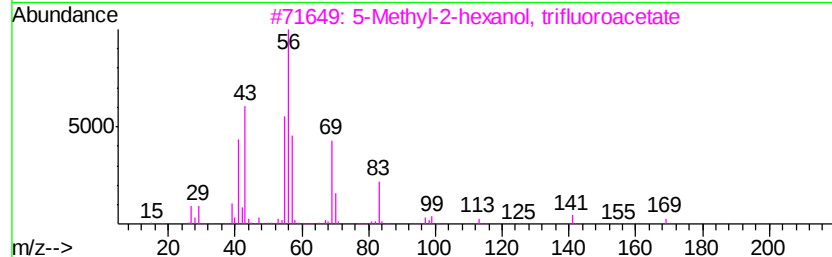
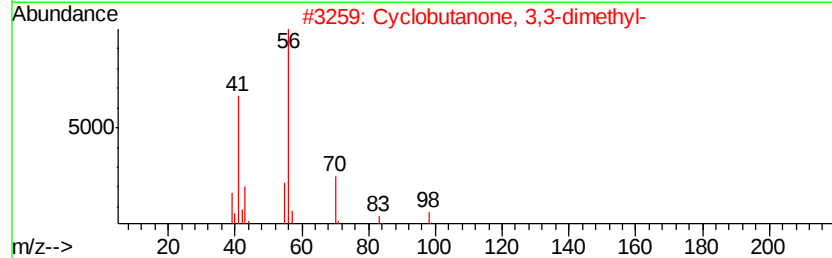
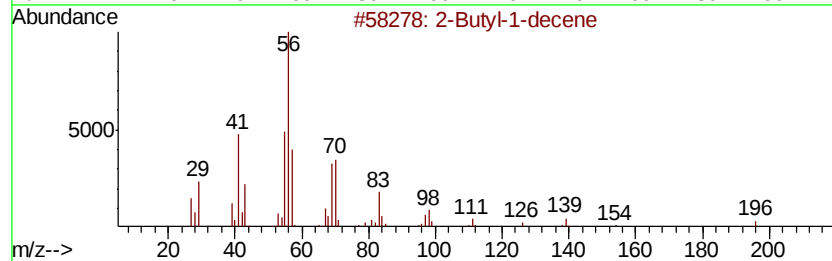
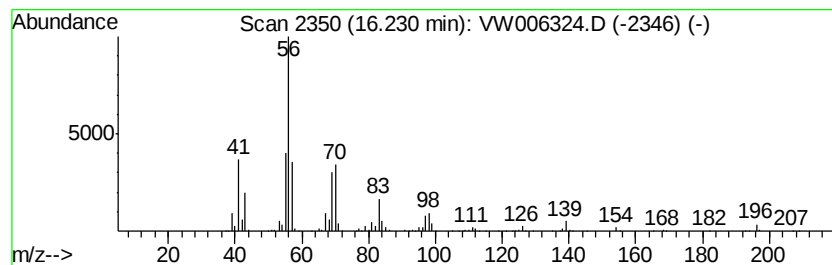
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic16.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.23	9.81 ug/L	609396	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1-decene	196	C14H28	051655-65-3	95
2	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
3	5-Methyl-2-hexanol, trifluoroacetate...	212	C9H15F3O2	1000364-20-2	53
4	Undecane, 5-methylene-	168	C12H24	005698-48-6	50
5	1-Decene, 9-methyl-	154	C11H22	061142-78-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

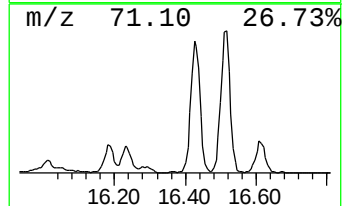
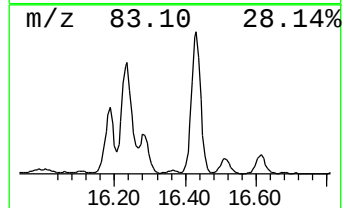
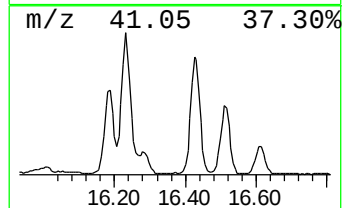
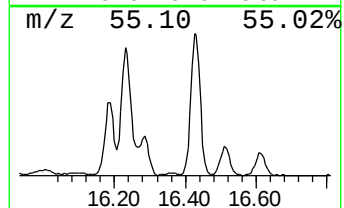
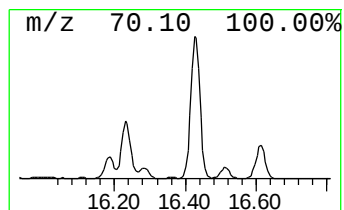
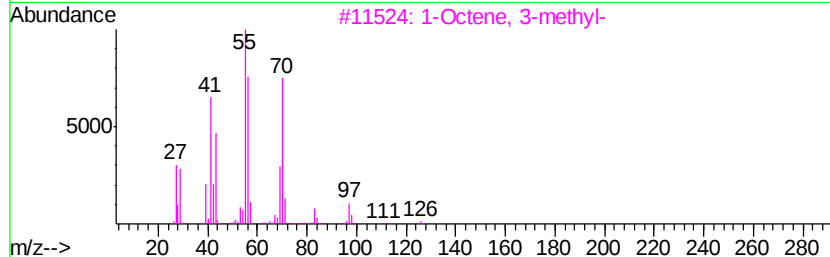
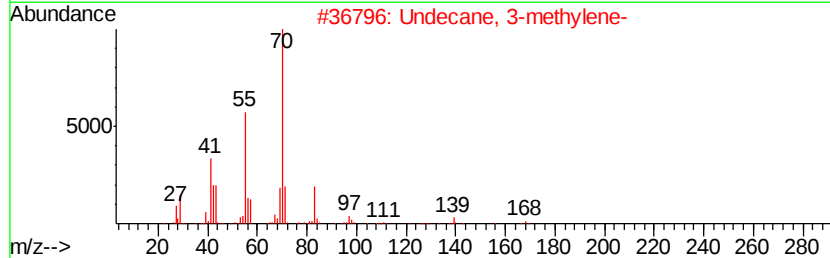
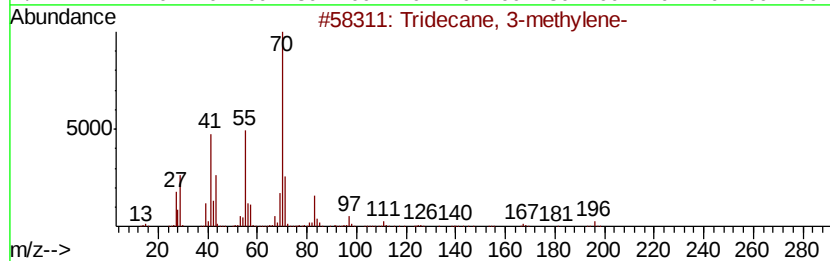
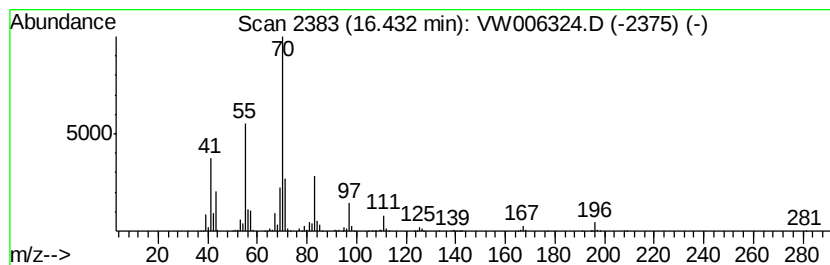
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic16.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.43	9.64 ug/L	598699	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	87
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	72
3	1-Octene, 3-methyl-	126	C9H18	013151-08-1	59
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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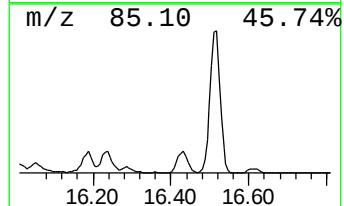
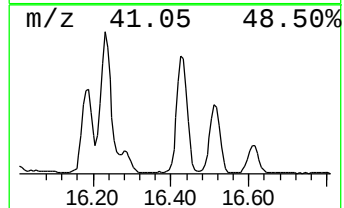
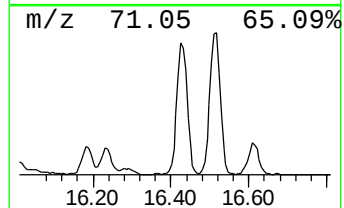
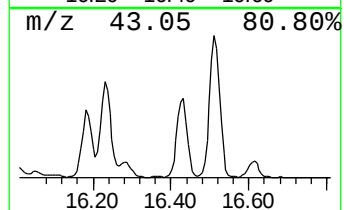
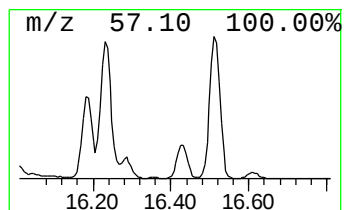
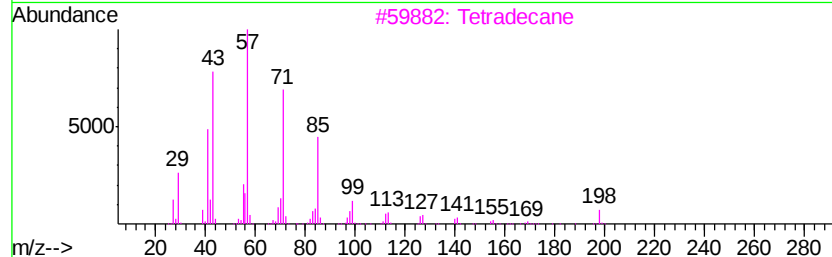
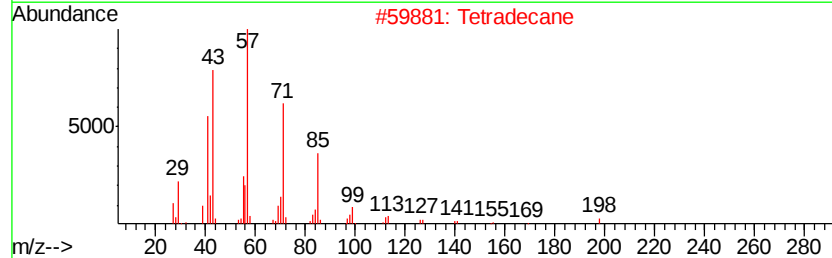
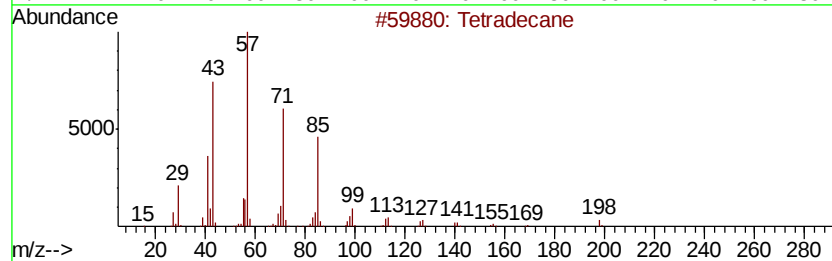
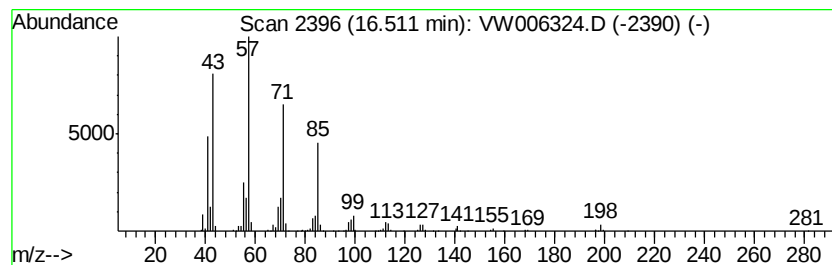
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.40 ug/L	335319	1,4-Dichlorobenzene-d4	13.57

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	97
4		Tetradecane	198	C14H30	000629-59-4	87
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006324.D
Acq On : 24 Oct 2018 17:17
Operator : SY/AP
Sample : J5635-22
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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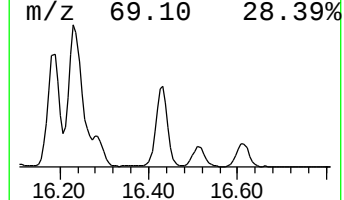
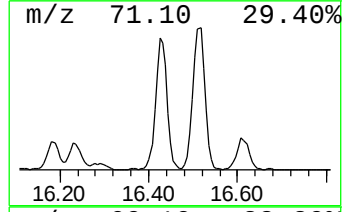
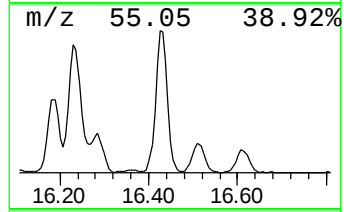
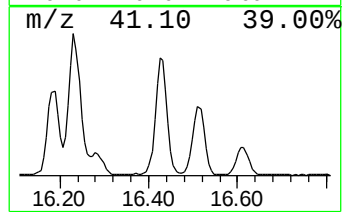
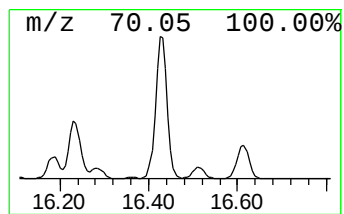
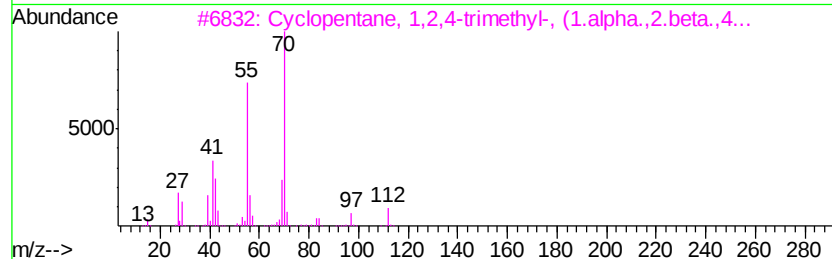
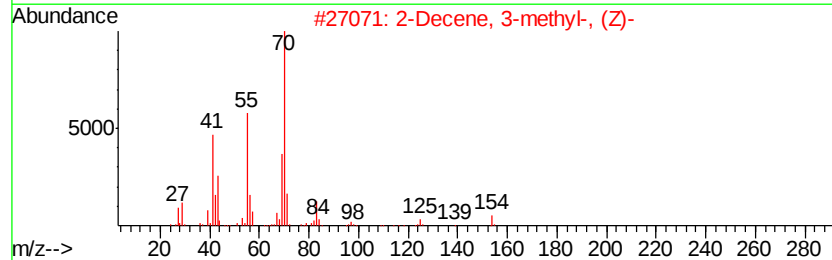
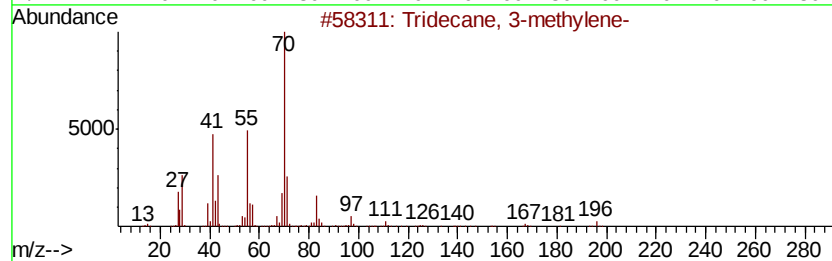
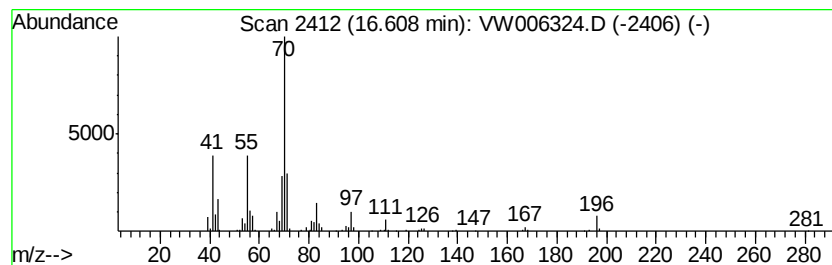
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic16.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.26 ug/L	140415	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	87
2		2-Decene, 3-methyl-, (Z)-	154	C11H22	074630-26-5	59
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	53
4		2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	50
5		Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006324.D
 Acq On : 24 Oct 2018 17:17
 Operator : SY/AP
 Sample : J5635-22
 Misc : 5.13G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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: Cyc...	1.95	1.3	ug/L	20447	1	8.85	398080	25.0
(DEL) Alkane: Cyc...	10.52	2.8	ug/L	47183	2	11.63	427234	25.0
(DEL) Alkane: Cyc...	10.69	1.7	ug/L	28542	2	11.63	427234	25.0
(DEL) Alkane: Str...	13.20	1.4	ug/L	88423	3	13.57	1553360	25.0
(DEL) Alkane: Str...	13.41	3.4	ug/L	211518	3	13.57	1553360	25.0
(DEL) Alkane: Str...	13.77	1.5	ug/L	93702	3	13.57	1553360	25.0
4,7-Methano-1H-in...	13.96	2.0	ug/L	124923	3	13.57	1553360	25.0
Benzene, 1,2,4,5-...	14.43	1.7	ug/L	107903	3	13.57	1553360	25.0
Benzene, 1-ethyl-...	14.47	2.0	ug/L	123811	3	13.57	1553360	25.0
(DEL) Alkane: Str...	14.51	4.0	ug/L	249929	3	13.57	1553360	25.0
Benzene, 1,3-dime...	14.58	1.3	ug/L	77778	3	13.57	1553360	25.0
(DEL) Alkane: Cyc...	16.19	7.4	ug/L	459579	3	13.57	1553360	25.0
(DEL) Alkane: Cyc...	16.23	9.8	ug/L	609396	3	13.57	1553360	25.0
(DEL) Alkane: Cyc...	16.43	9.6	ug/L	598699	3	13.57	1553360	25.0
(DEL) Alkane: Str...	16.51	5.4	ug/L	335319	3	13.57	1553360	25.0
(DEL) Alkane: Cyc...	16.61	2.3	ug/L	140415	3	13.57	1553360	25.0