

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013642.D
 Acq On : 21 Oct 2019 18:12
 Operator : SY/VA
 Sample : K5422-10
 Misc : 5.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC1

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\SOM2WLM101819S.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	2.355	68	74	87	rVB	81167	166176	13.33%	1.744%
2	2.806	146	148	150	rBV3	1010	1070	0.09%	0.011%
3	2.891	154	162	179	rVV	67056	165883	13.31%	1.741%
4	3.184	208	210	214	rVB3	435	406	0.03%	0.004%
5	3.294	226	228	229	rBV2	416	430	0.03%	0.005%
6	3.330	232	234	237	rBV2	374	478	0.04%	0.005%
7	3.379	237	242	243	rBV3	962	1230	0.10%	0.013%
8	3.568	268	273	274	rBV	365	469	0.04%	0.005%
9	3.672	288	290	295	rVB	503	392	0.03%	0.004%
10	3.867	318	322	325	rBV4	507	877	0.07%	0.009%
11	3.891	325	326	331	rVB2	720	547	0.04%	0.006%
12	4.019	335	347	360	rVV	148021	461905	37.06%	4.849%
13	4.135	361	366	373	rVV	8314	22510	1.81%	0.236%
14	4.202	376	377	384	rVV2	2919	4528	0.36%	0.048%
15	4.391	399	408	417	rVV2	5046	15842	1.27%	0.166%
16	4.476	420	422	428	rVB3	243	384	0.03%	0.004%
17	4.617	443	445	449	rVB2	582	619	0.05%	0.006%
18	4.921	481	495	515	rBV2	57729	211282	16.95%	2.218%
19	5.080	519	521	526	rVB2	290	359	0.03%	0.004%
20	5.202	536	541	542	rBV2	302	399	0.03%	0.004%
21	5.214	542	543	551	rVB2	606	886	0.07%	0.009%
22	5.293	551	556	557	rBV2	250	375	0.03%	0.004%
23	5.726	624	627	630	rBV2	386	412	0.03%	0.004%
24	5.757	630	632	635	rBV2	378	416	0.03%	0.004%
25	5.933	652	661	671	rBV5	4375	13934	1.12%	0.146%
26	6.092	685	687	690	rBV	313	387	0.03%	0.004%
27	6.275	713	717	718	rVV2	400	493	0.04%	0.005%
28	6.817	803	806	807	rBV	418	517	0.04%	0.005%
29	6.976	831	832	835	rBV2	332	365	0.03%	0.004%
30	7.086	841	850	857	rBV	23491	70580	5.66%	0.741%
31	7.647	931	942	953	rBV	211411	504706	40.50%	5.298%
32	7.720	953	954	956	rVV2	712	415	0.03%	0.004%
33	7.829	968	972	973	rBV2	349	350	0.03%	0.004%
34	7.860	973	977	980	rBV2	364	554	0.04%	0.006%

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 Title : VOC Analysis

35	7.945	988	991	997	rVB4	771	1380	0.11%	0.014%
36	8.274	1034	1045	1063	rBV2	446656	1246243	100.00%	13.082%
37	8.488	1078	1080	1083	rVB2	765	627	0.05%	0.007%
38	8.555	1088	1091	1093	rBV3	371	428	0.03%	0.004%
39	8.573	1093	1094	1099	rVB3	665	491	0.04%	0.005%
40	8.689	1108	1113	1115	rBV4	699	1038	0.08%	0.011%
41	8.713	1115	1117	1119	rVB2	574	432	0.03%	0.005%
42	8.841	1130	1138	1151	rBV	374730	738954	59.29%	7.757%
43	9.079	1171	1177	1181	rVV5	1248	2805	0.23%	0.029%
44	9.274	1200	1209	1227	rVV	288179	578882	46.45%	6.076%
45	9.451	1236	1238	1242	rVB2	428	449	0.04%	0.005%
46	9.585	1254	1260	1261	rBV4	929	1596	0.13%	0.017%
47	9.610	1261	1264	1268	rVB4	1162	1921	0.15%	0.020%
48	9.750	1281	1287	1295	rVB3	3840	6807	0.55%	0.071%
49	9.847	1301	1303	1305	rBV	427	431	0.03%	0.005%
50	9.890	1305	1310	1314	rBV5	3148	5983	0.48%	0.063%
51	9.951	1314	1320	1327	rBV6	6922	14161	1.14%	0.149%
52	10.036	1327	1334	1339	rBV	95630	178014	14.28%	1.869%
53	10.207	1356	1362	1367	rBV4	8695	19061	1.53%	0.200%
54	10.323	1373	1381	1390	rBV	658666	1227723	98.51%	12.887%
55	10.451	1397	1402	1403	rBV4	3726	5218	0.42%	0.055%
56	10.500	1403	1410	1417	rVB4	30027	74028	5.94%	0.777%
57	10.579	1417	1423	1427	rBV2	58838	106901	8.58%	1.122%
58	10.664	1432	1437	1446	rVB2	53893	99487	7.98%	1.044%
59	10.756	1446	1452	1459	rBV3	30917	64072	5.14%	0.673%
60	10.847	1464	1467	1472	rVB5	2783	4075	0.33%	0.043%
61	10.926	1472	1480	1489	rBV	97892	181872	14.59%	1.909%
62	11.061	1500	1502	1504	rVB3	772	665	0.05%	0.007%
63	11.109	1507	1510	1512	rBV4	877	995	0.08%	0.010%
64	11.146	1513	1516	1517	rBV3	1941	2095	0.17%	0.022%
65	11.231	1525	1530	1535	rVB3	4650	7507	0.60%	0.079%
66	11.280	1535	1538	1543	rVB4	1340	2280	0.18%	0.024%
67	11.341	1543	1548	1553	rBV4	1653	3328	0.27%	0.035%
68	11.378	1553	1554	1557	rBV3	521	462	0.04%	0.005%
69	11.506	1571	1575	1577	rBV3	1459	1920	0.15%	0.020%
70	11.628	1586	1595	1609	rBV	432274	768424	61.66%	8.066%
71	11.762	1614	1617	1620	rVB4	1275	1468	0.12%	0.015%

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72	11.835	1621	1629	1631	rBV7	4319	8462	0.68%	0.089%
73	11.877	1633	1636	1648	rVB7	4496	10490	0.84%	0.110%
74	11.981	1648	1653	1654	rBV4	1899	3253	0.26%	0.034%
75	11.999	1654	1656	1658	rBV	1334	1069	0.09%	0.011%
76	12.060	1663	1666	1671	rVB4	4379	6098	0.49%	0.064%
77	12.134	1671	1678	1685	rBV7	10986	27193	2.18%	0.285%
78	12.249	1691	1697	1702	rVB2	28424	46608	3.74%	0.489%
79	12.359	1702	1715	1723	rBV5	26434	76944	6.17%	0.808%
80	12.688	1763	1769	1776	rBV	154370	262898	21.10%	2.760%
81	12.780	1780	1784	1790	rVB2	21263	36733	2.95%	0.386%
82	12.859	1790	1797	1801	rBV5	11213	27396	2.20%	0.288%
83	12.938	1803	1810	1816	rBV6	23440	64823	5.20%	0.680%
84	13.042	1823	1827	1830	rBV5	11204	19908	1.60%	0.209%
85	13.078	1830	1833	1836	rVB4	16225	20824	1.67%	0.219%
86	13.127	1836	1841	1843	rBV3	15621	24387	1.96%	0.256%
87	13.164	1843	1847	1853	rVB	36096	57912	4.65%	0.608%
88	13.292	1865	1868	1872	rVB	13511	19085	1.53%	0.200%
89	13.341	1872	1876	1879	rBV3	16304	24699	1.98%	0.259%
90	13.554	1906	1911	1919	rVB	325035	539415	43.28%	5.662%
91	13.694	1930	1934	1938	rBV4	17456	26516	2.13%	0.278%
92	13.853	1954	1960	1968	rBV	272914	542431	43.53%	5.694%
93	14.188	2012	2015	2019	rBV5	9469	16585	1.33%	0.174%
94	14.261	2024	2027	2033	rVB6	15269	27819	2.23%	0.292%
95	14.383	2045	2047	2052	rVB3	54302	72129	5.79%	0.757%
96	14.548	2071	2074	2079	rVB2	33524	49969	4.01%	0.525%
97	14.798	2112	2115	2117	rBV2	23364	29672	2.38%	0.311%
98	14.840	2118	2122	2129	rVB	95895	158962	12.76%	1.669%
99	15.322	2197	2201	2208	rVB	118655	199296	15.99%	2.092%
100	16.285	2354	2359	2367	rVB	65519	122596	9.84%	1.287%

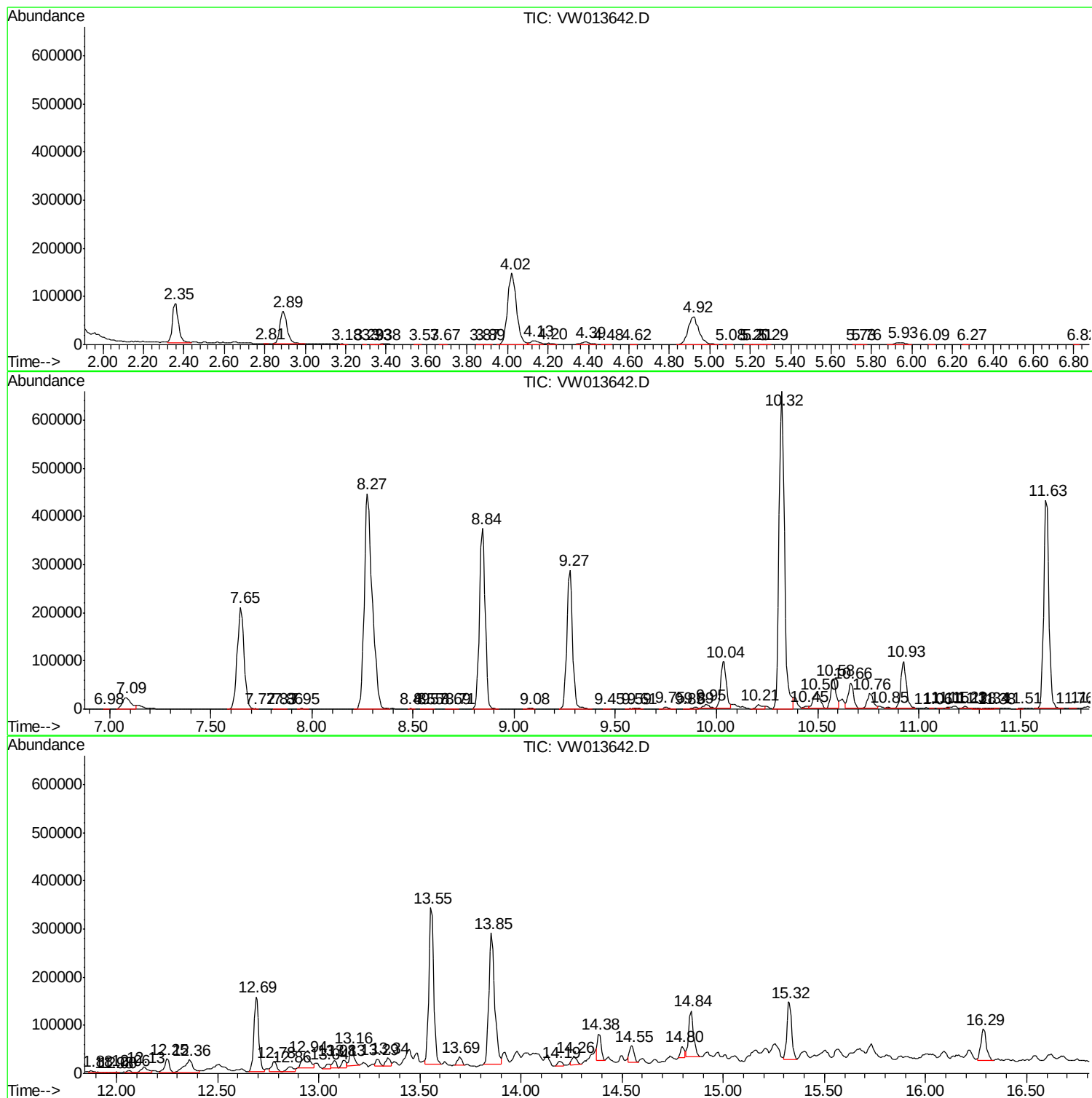
Sum of corrected areas: 9526571

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Quant Title : VOC Analysis

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



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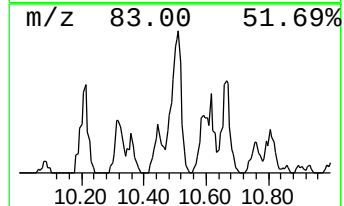
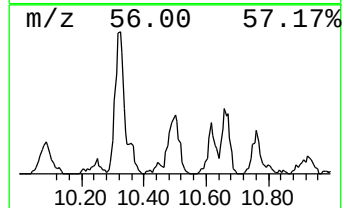
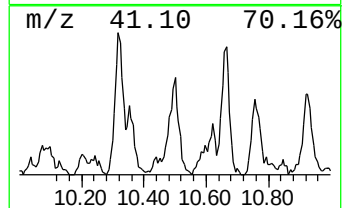
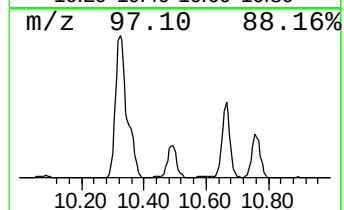
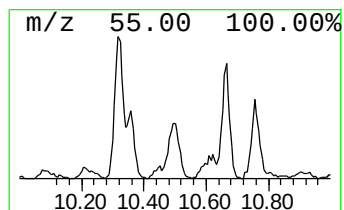
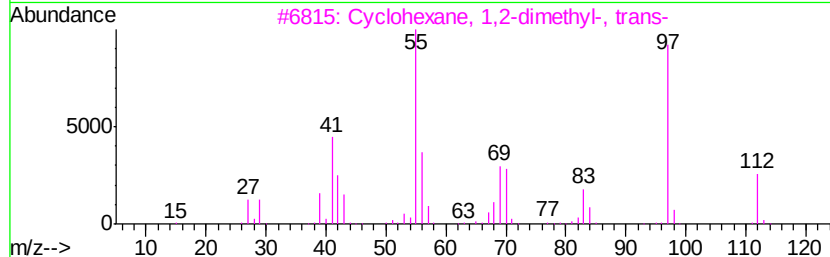
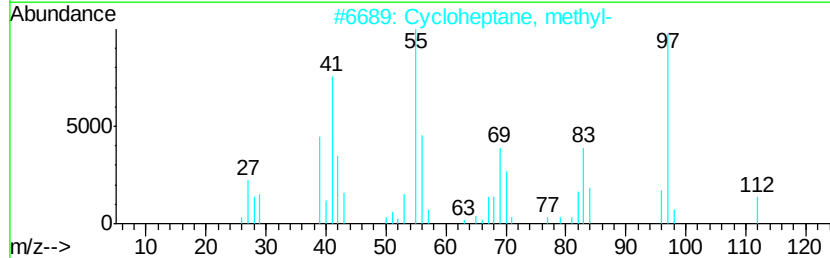
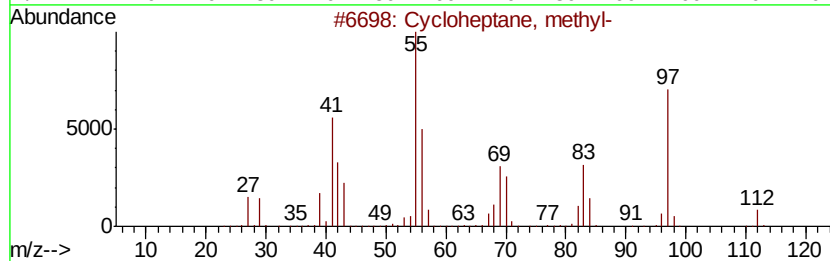
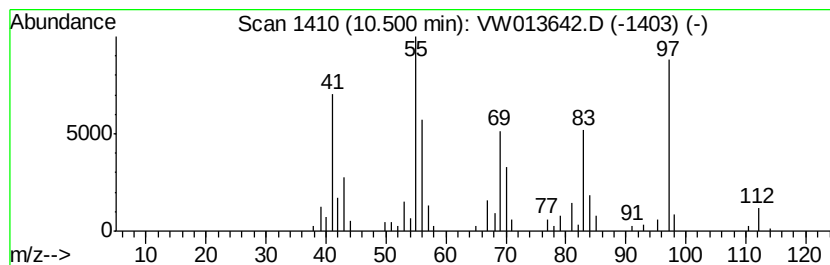
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic10.50 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.50	2.41 ug/L	74028	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloheptane, methyl-	112	C8H16	004126-78-7	91
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	80
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58
4		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	52
5		1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	49



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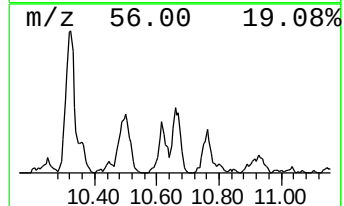
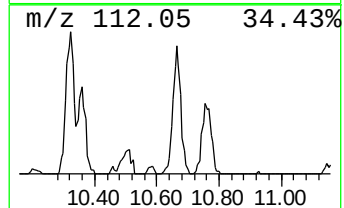
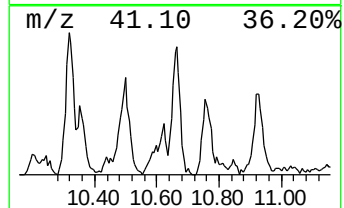
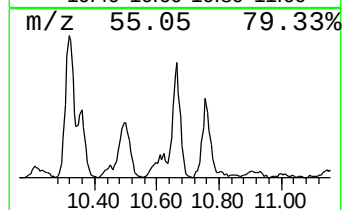
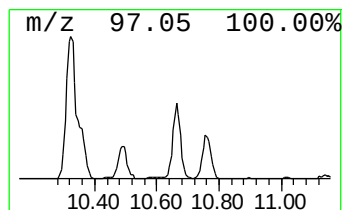
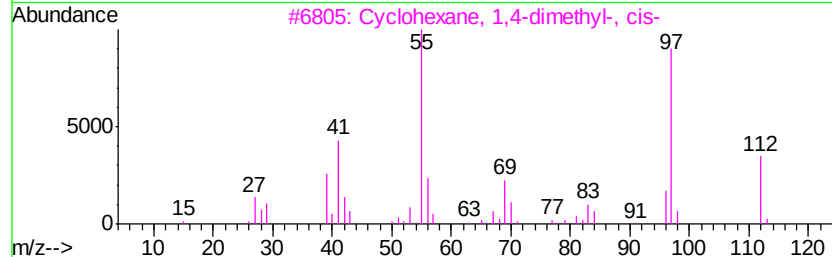
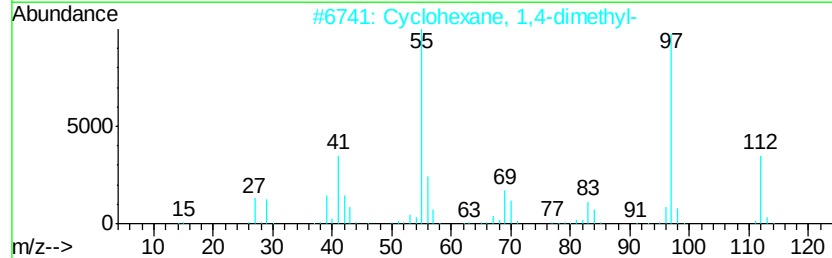
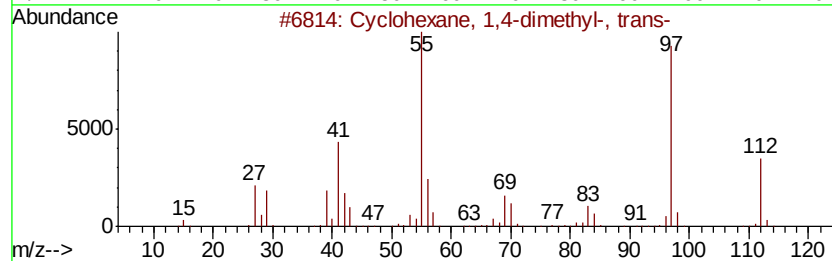
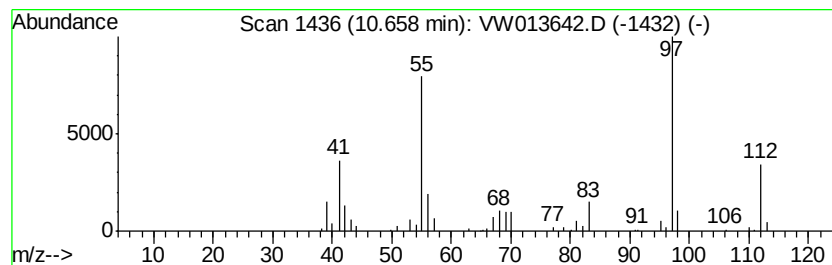
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic10.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	3.24 ug/L	99487	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	80
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80



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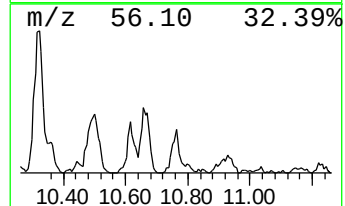
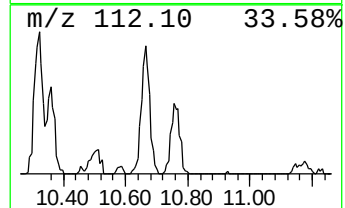
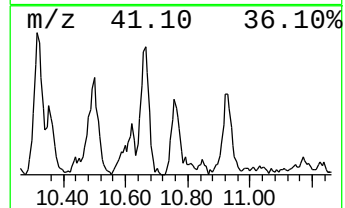
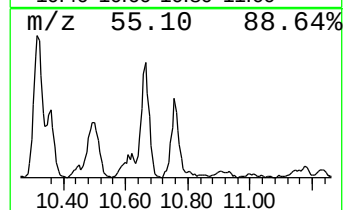
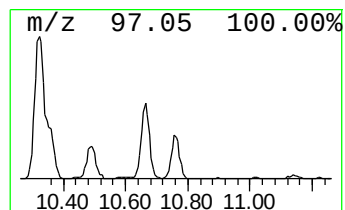
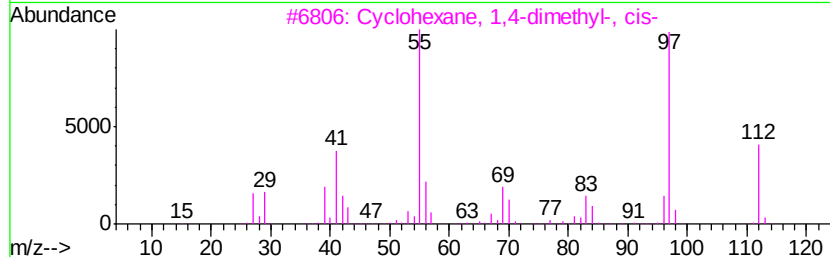
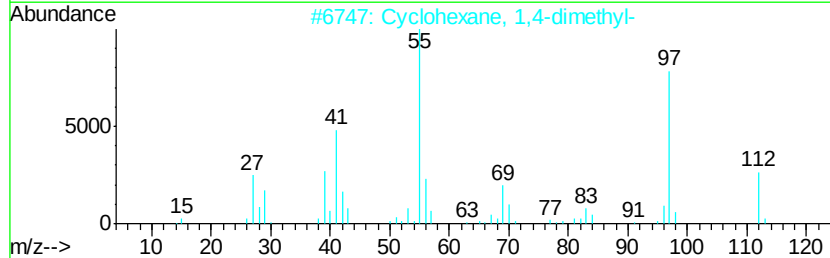
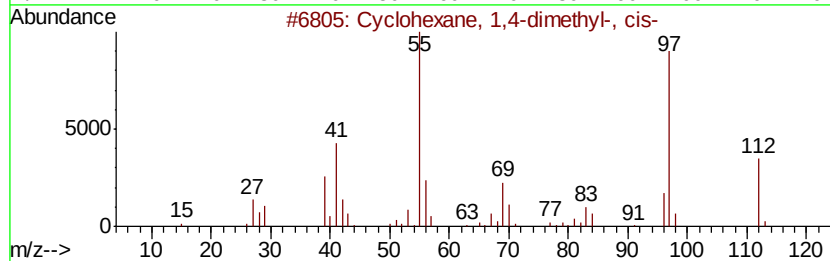
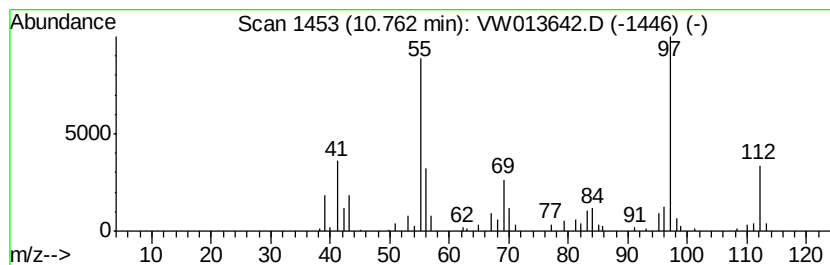
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Quant Title : VOC Analysis

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Peak Number 4 (DEL) Alkane: Cyclic10.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.76	2.08 ug/L	64072	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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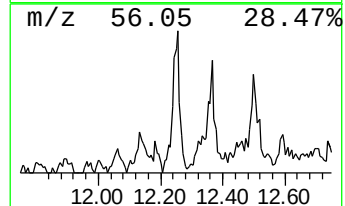
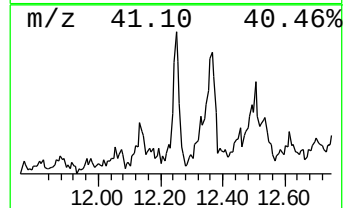
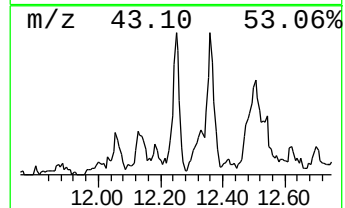
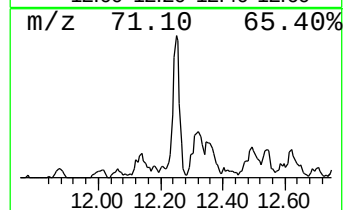
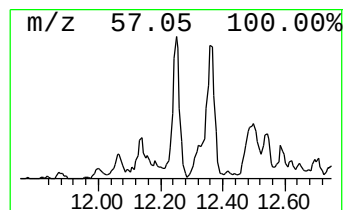
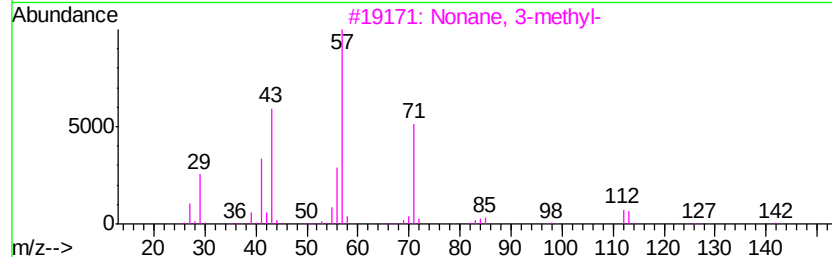
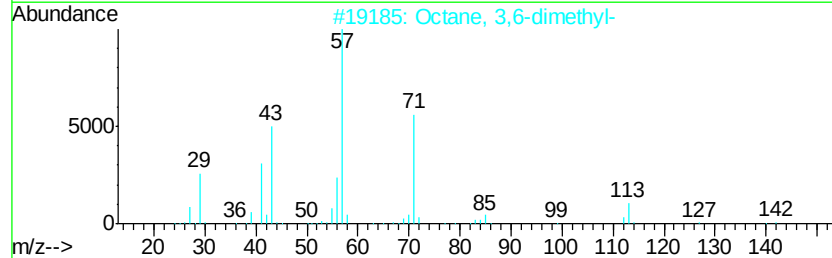
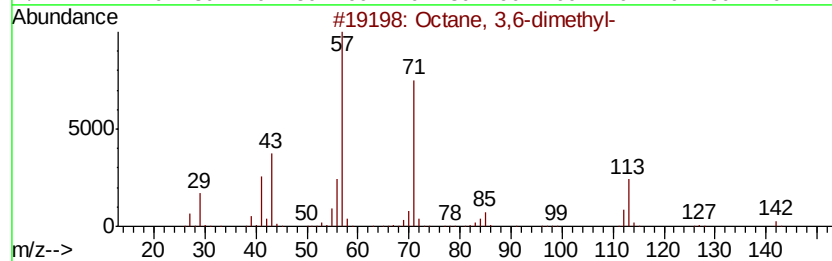
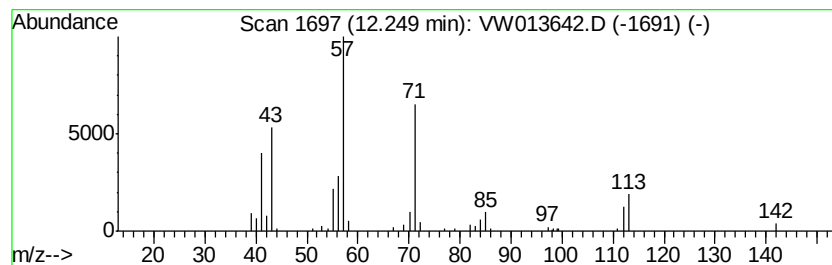
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	1.52 ug/L	46608	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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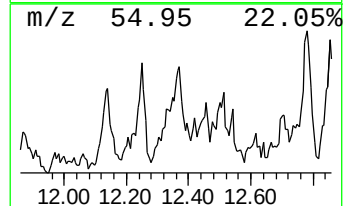
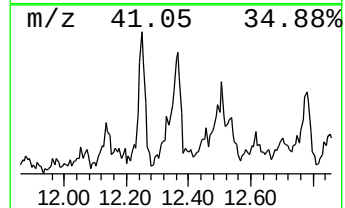
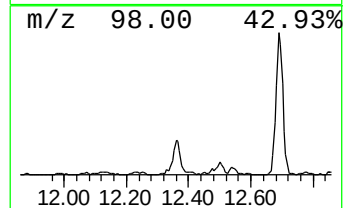
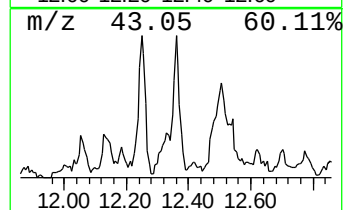
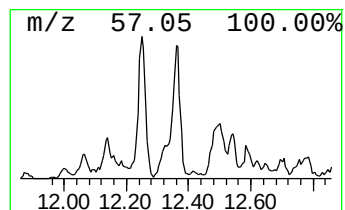
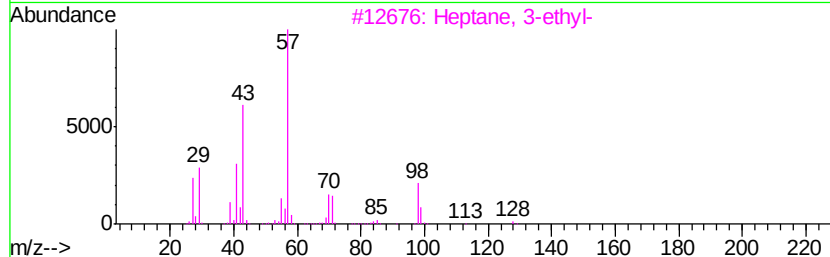
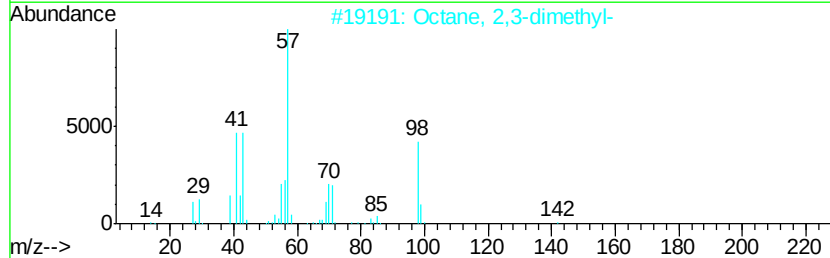
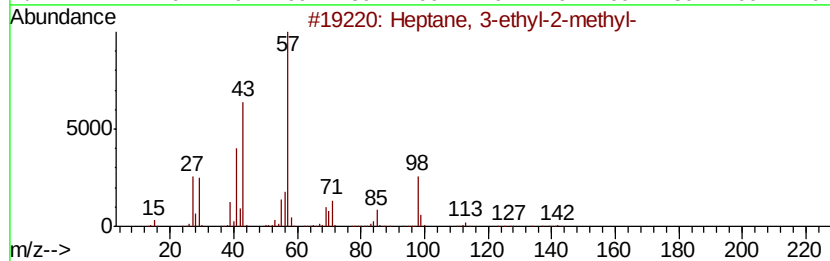
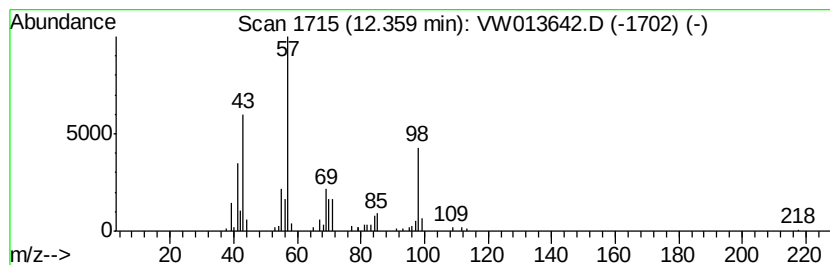
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.50 ug/L	76944	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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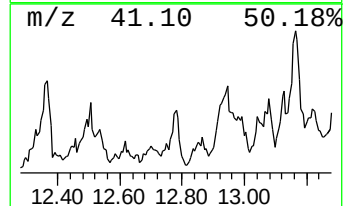
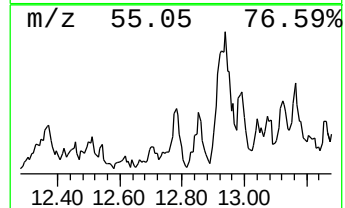
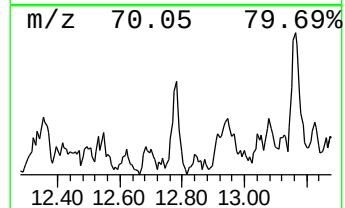
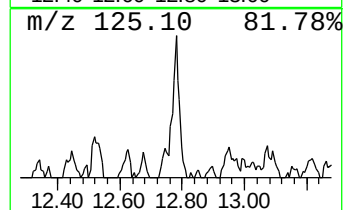
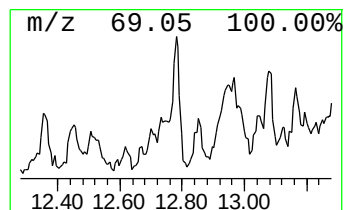
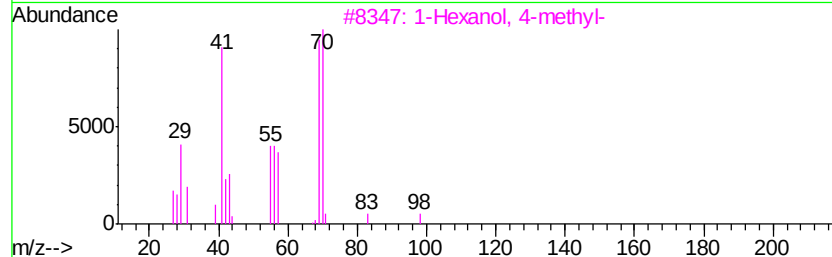
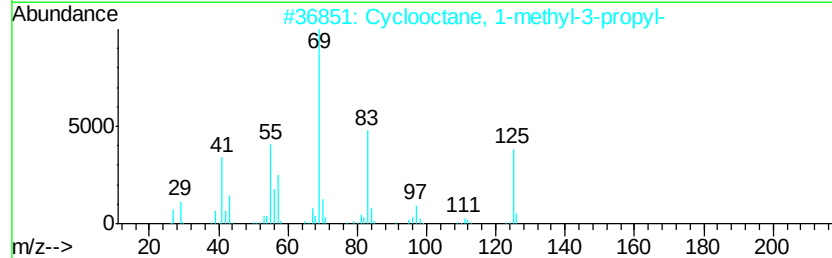
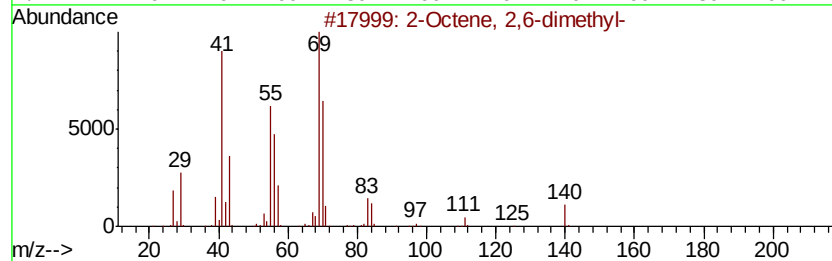
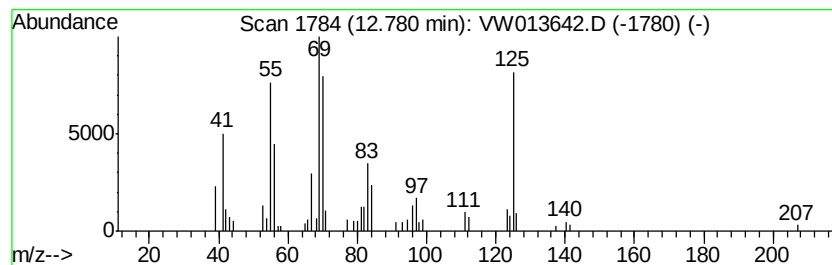
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic12.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.70 ug/L	36733	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
3			1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	43
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	42
5			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

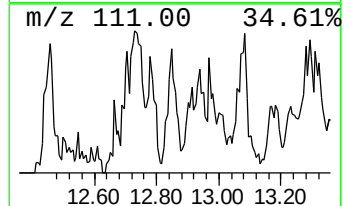
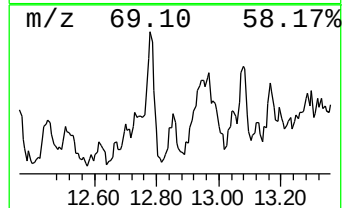
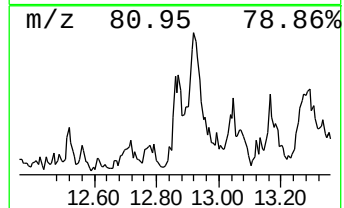
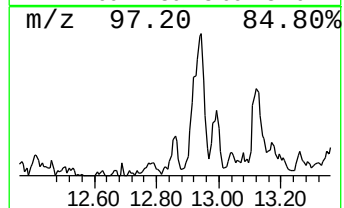
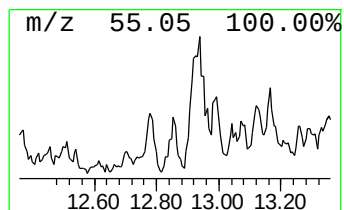
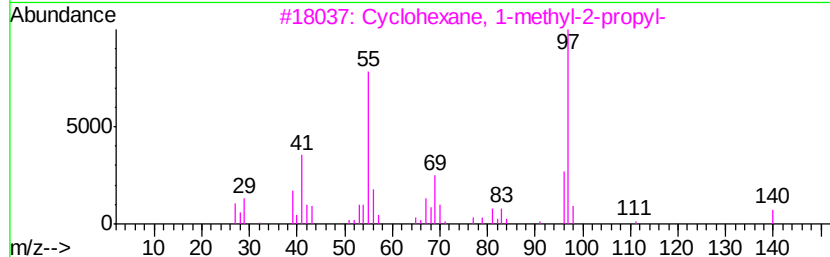
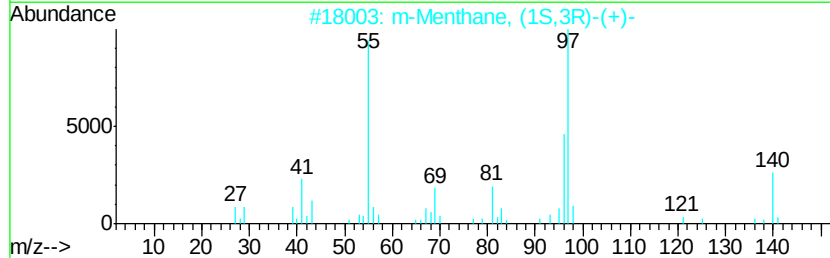
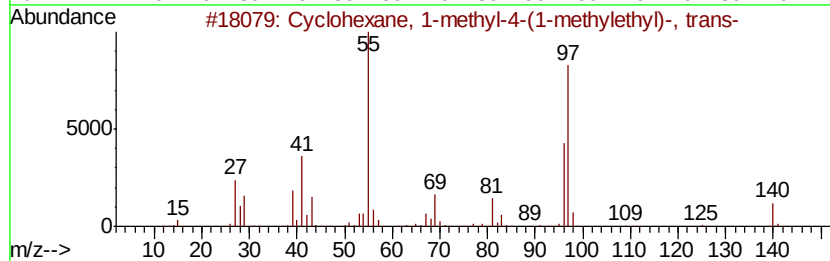
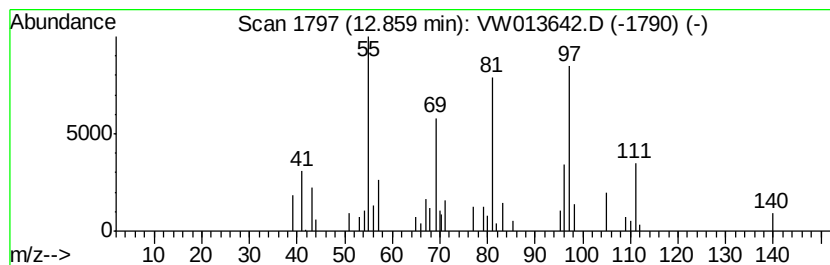
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic12.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.86	1.27 ug/L	27396	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	43
2		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	43
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
4		Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	38
5		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

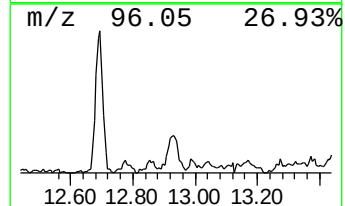
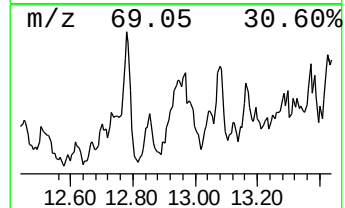
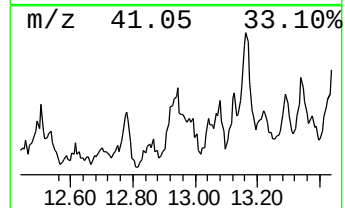
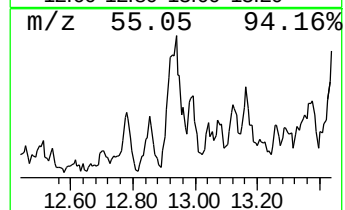
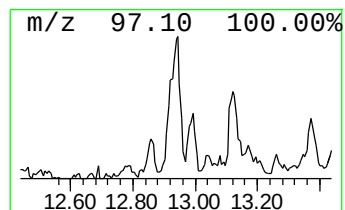
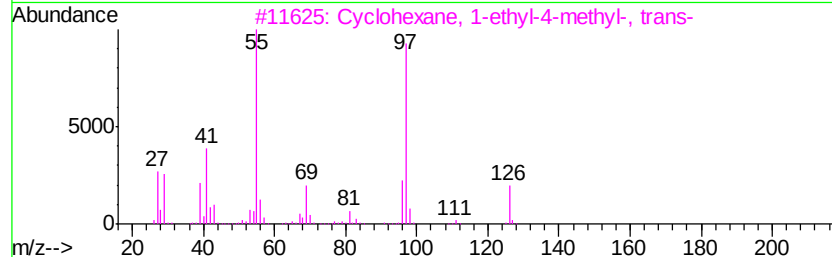
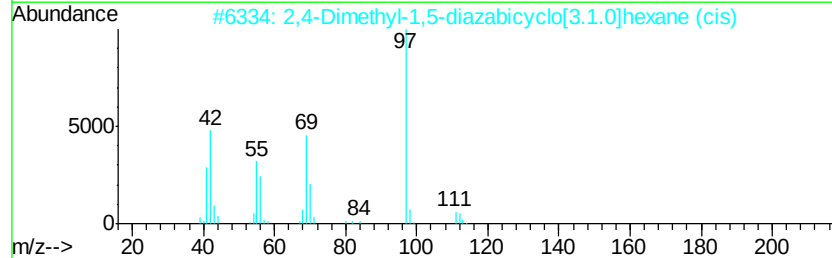
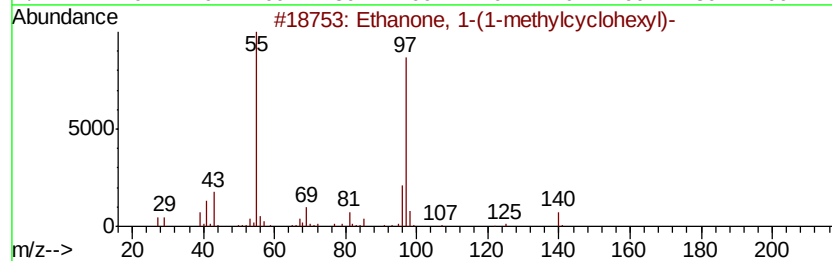
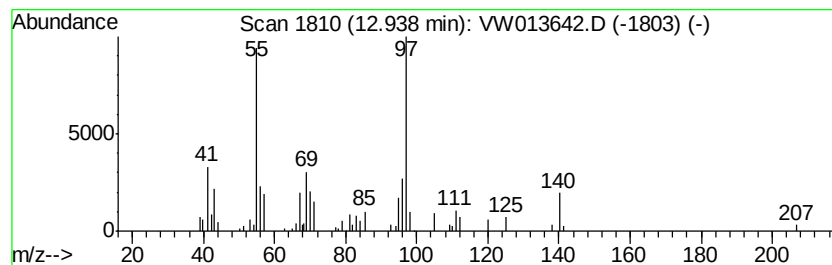
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 9 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.00 ug/L	64823	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2	50
2	2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane	112 C6H12N2	100463-01-2	49
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0	47
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7	47
5	Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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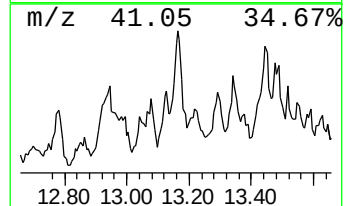
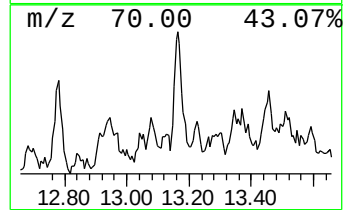
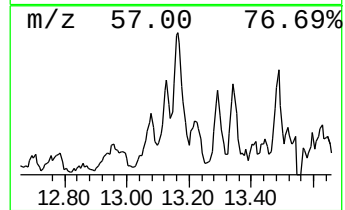
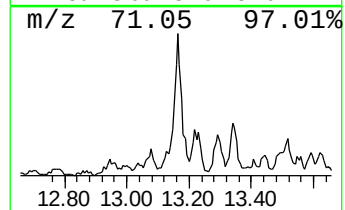
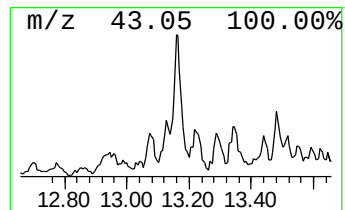
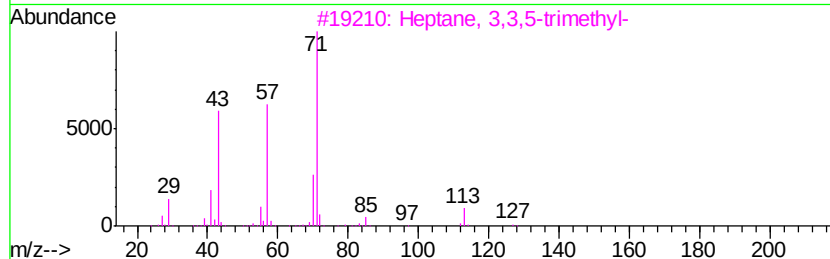
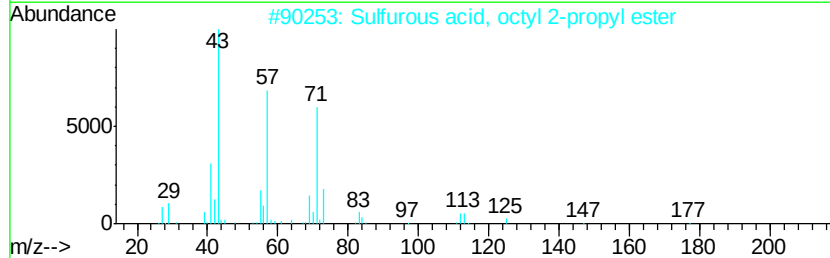
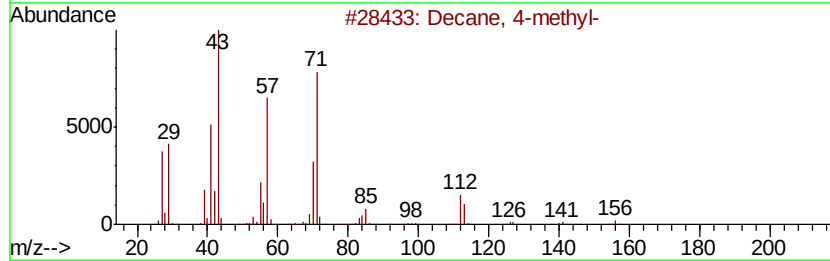
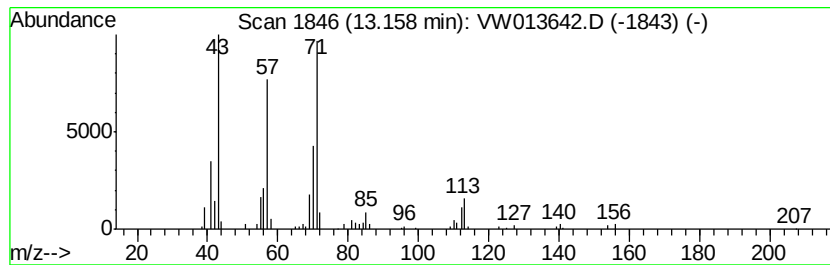
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.68 ug/L	57912	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	72
2		Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	53
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4		Octane, 4-bromo-	192	C8H17Br	000999-06-4	50
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
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Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

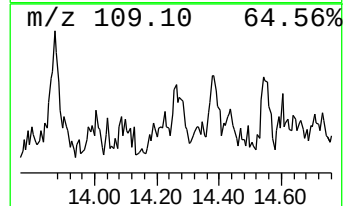
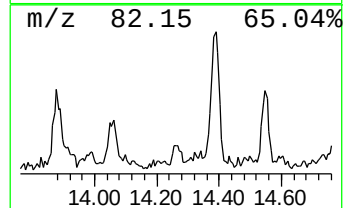
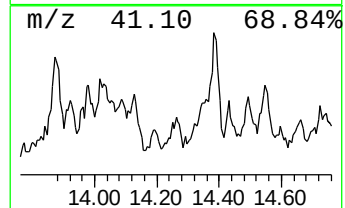
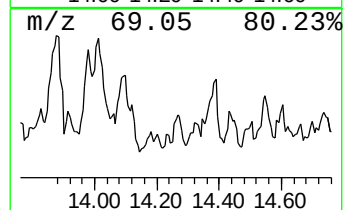
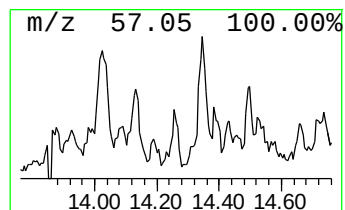
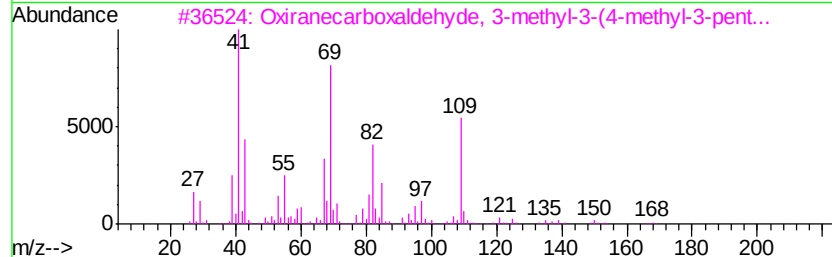
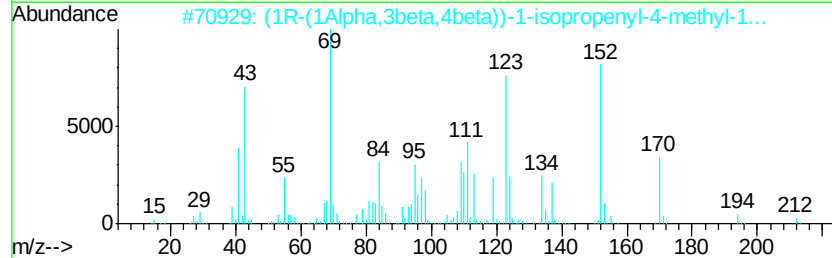
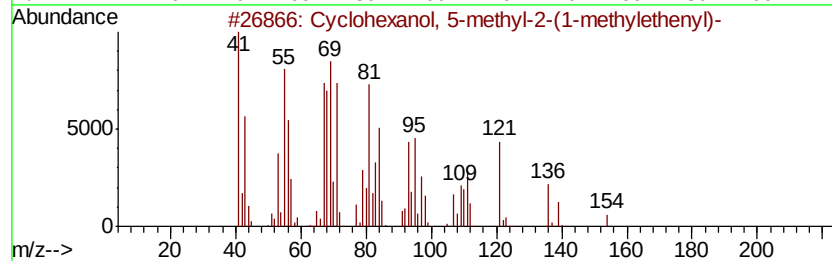
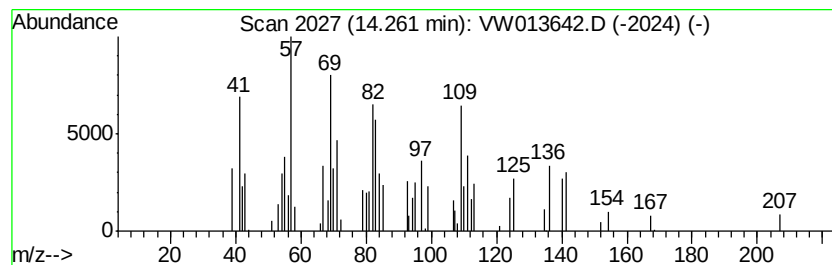
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ClientSampleId :
C0AC1

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Quant Title : VOC Analysis

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

Peak Number 11 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.29 ug/L	27819	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanol, 5-methyl-2-(1-meth...	154 C10H18O	007786-67-6 49
2		(1R-(1Alpha,3beta,4beta))-1-isop...	212 C12H20O3	057211-60-6 47
3		Oxiranecarboxaldehyde, 3-methyl-...	168 C10H16O2	016996-12-6 38
4		1,1,4-Trimethylcyclohexane	126 C9H18	007094-27-1 27
5		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-31-8 14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

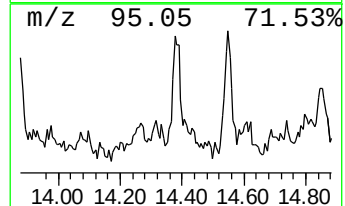
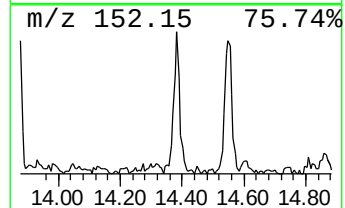
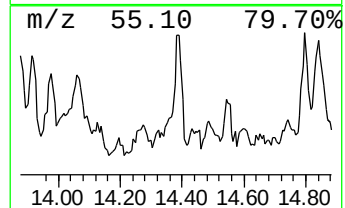
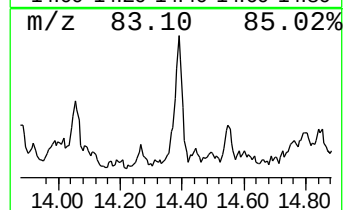
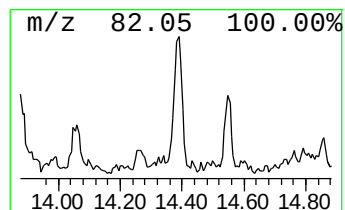
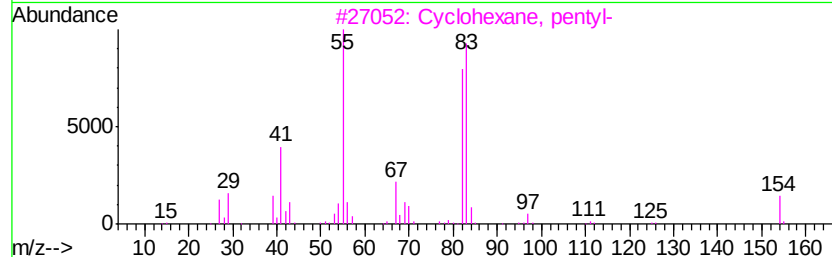
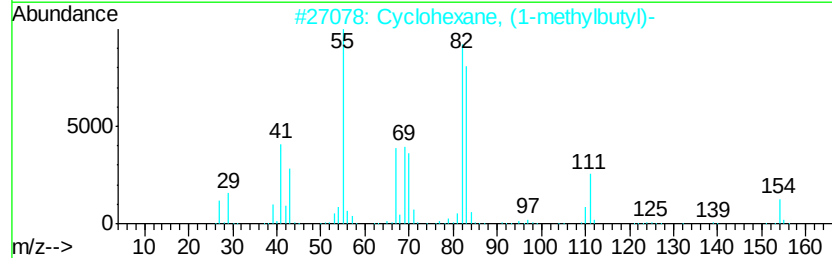
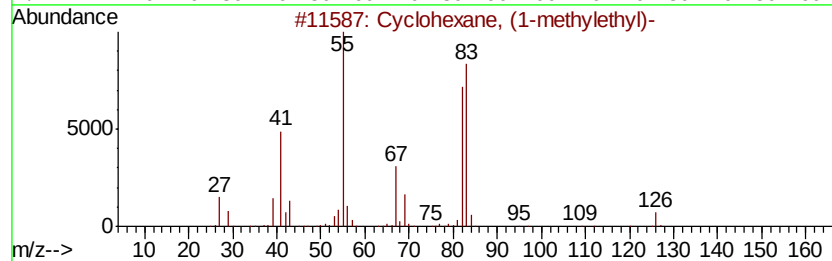
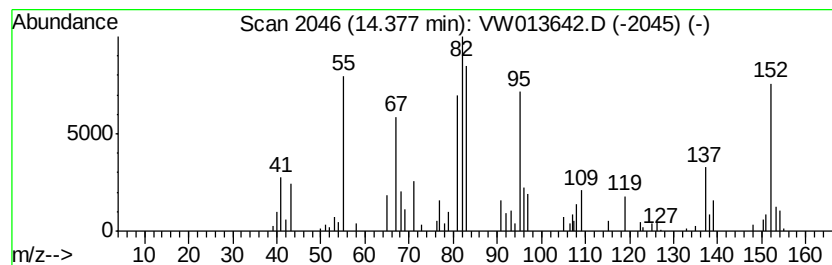
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic14.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.38	3.34 ug/L	72129	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	47
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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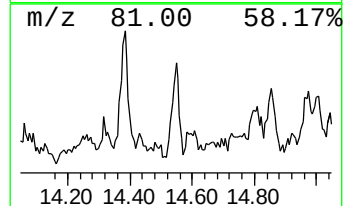
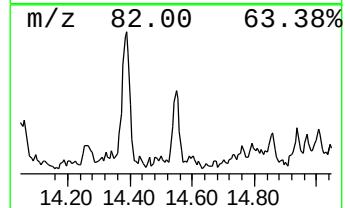
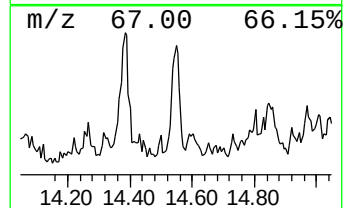
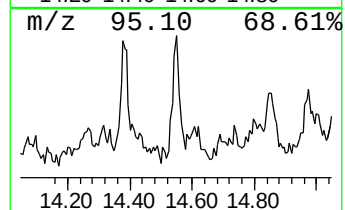
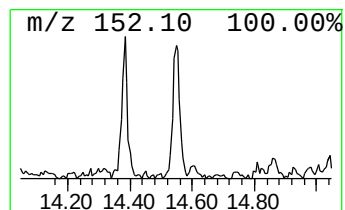
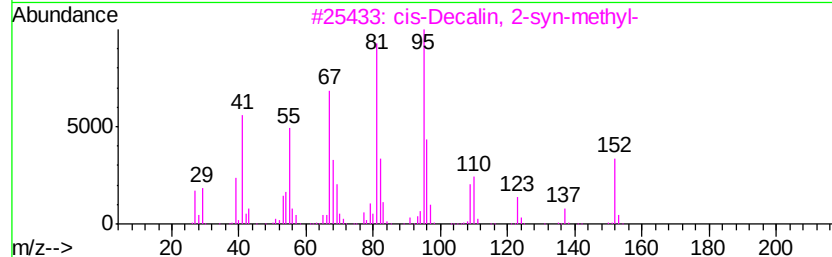
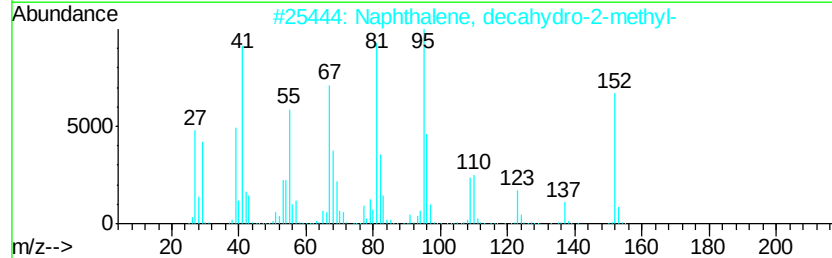
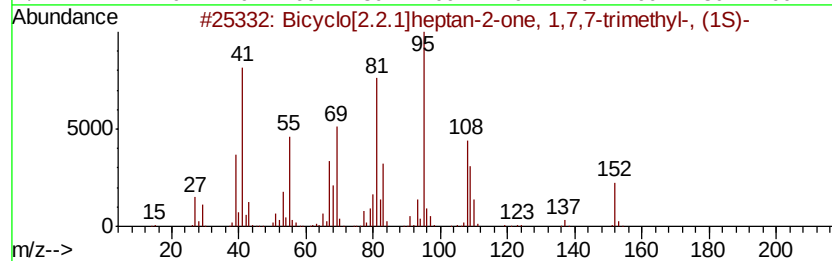
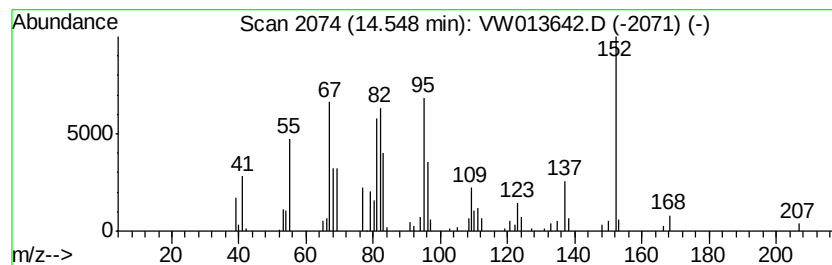
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Quant Title : VOC Analysis

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

Peak Number 13 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.32 ug/L	49969	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	58
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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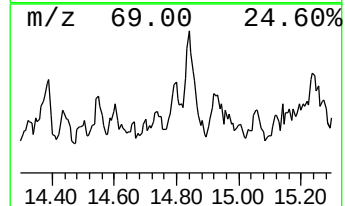
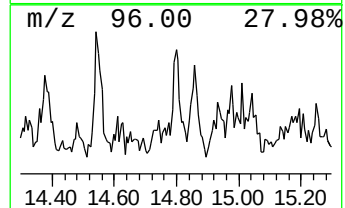
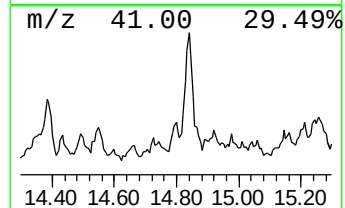
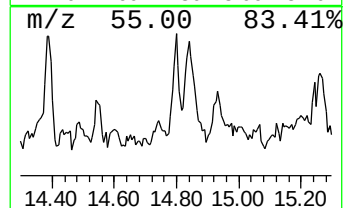
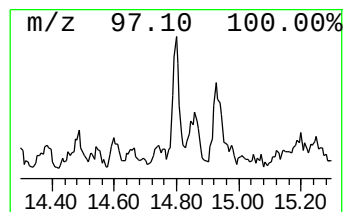
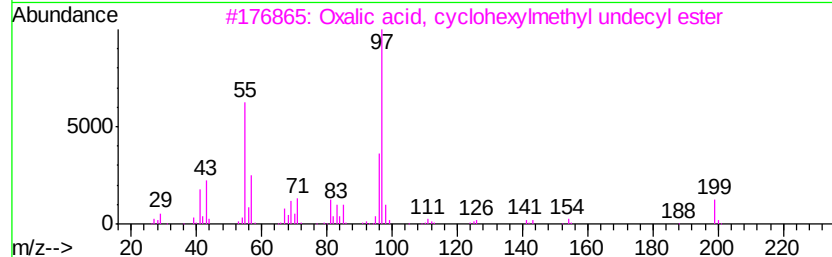
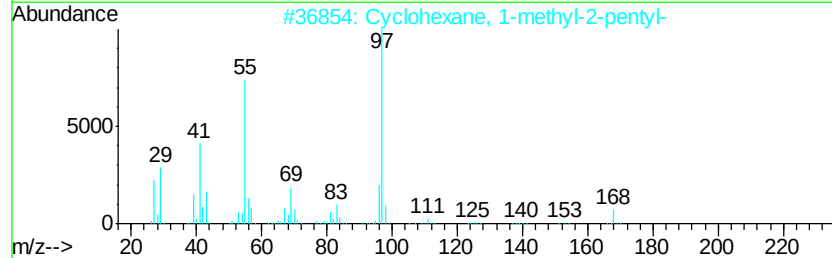
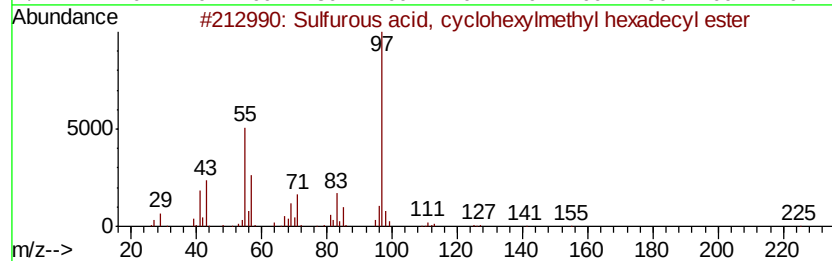
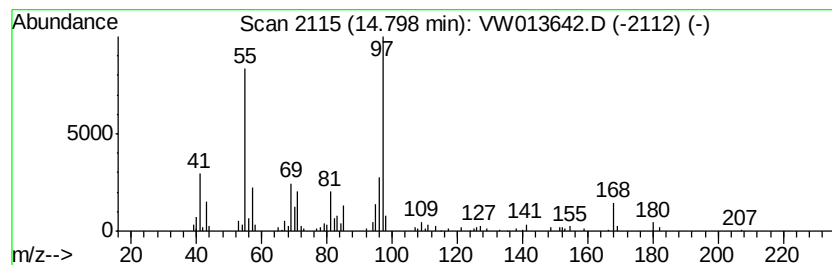
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 14 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.38 ug/L	29672	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethvl...	402	C23H46O3S	1000309-22-4	64
2		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
3		Oxalic acid, cvclohexylmethvl un...	340	C20H36O4	1000309-68-8	59
4		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
5		Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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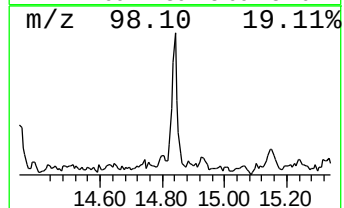
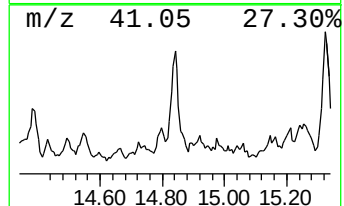
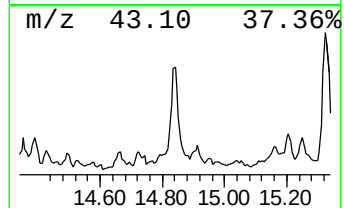
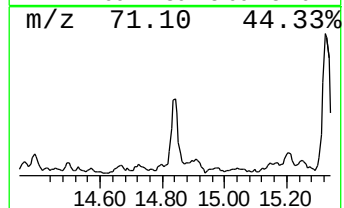
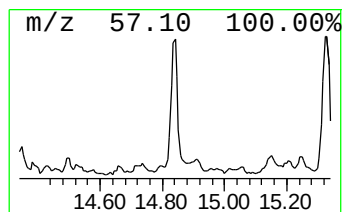
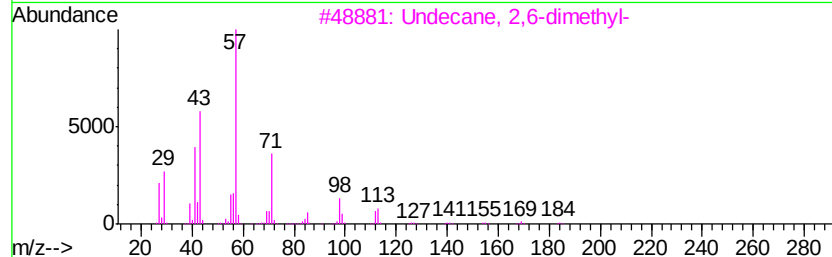
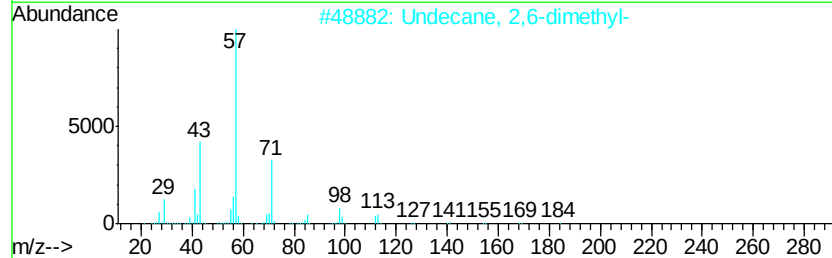
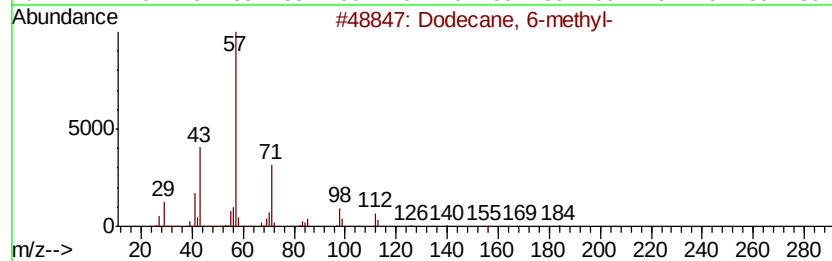
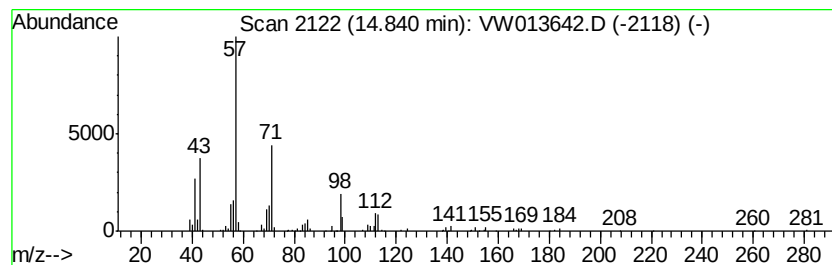
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.37 ug/L	158962	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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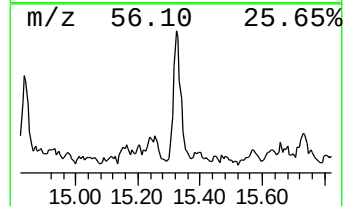
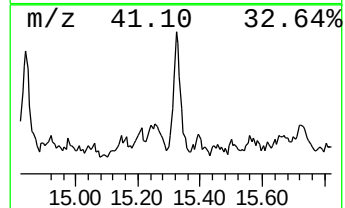
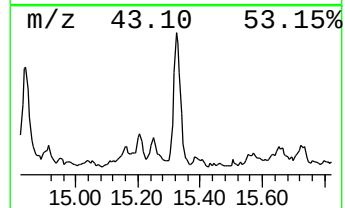
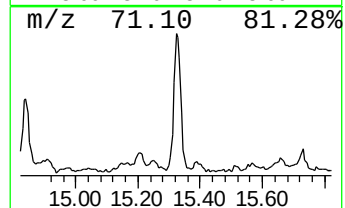
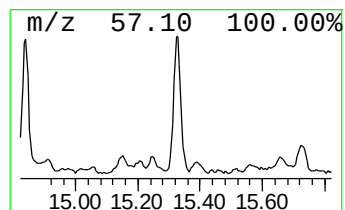
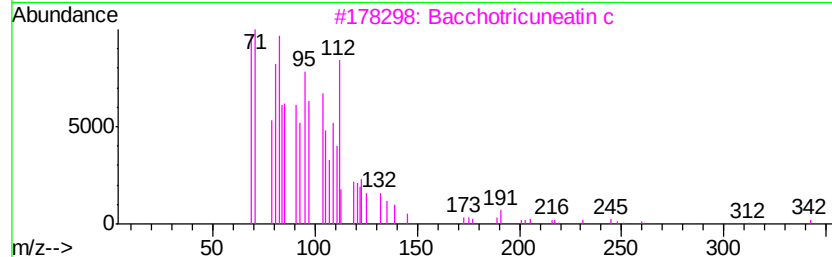
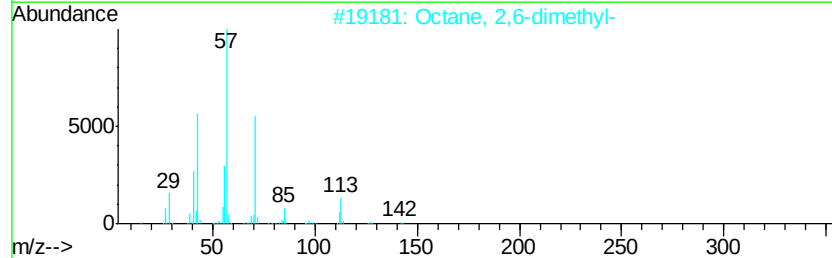
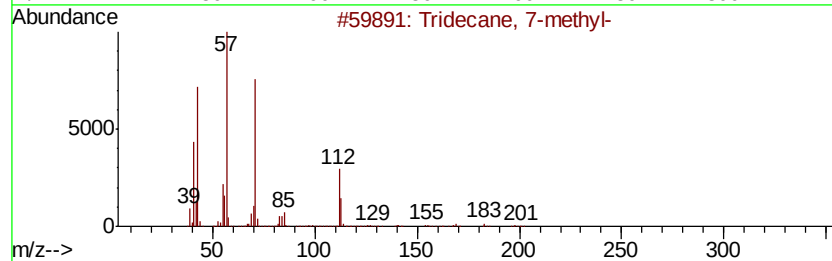
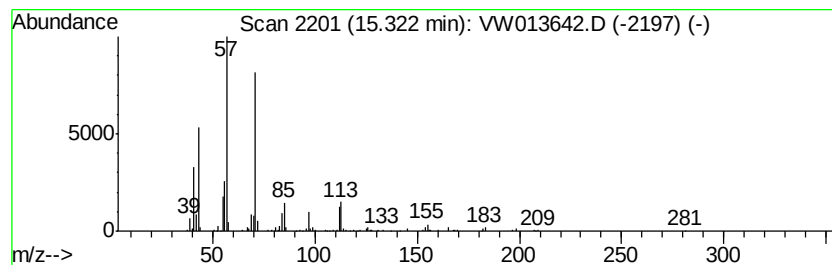
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	9.24 ug/L	199296	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4		Decane, 2-methyl-	156	C11H24	006975-98-0	72
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013642.D
Acq On : 21 Oct 2019 18:12
Operator : SY/VA
Sample : K5422-10
Misc : 5.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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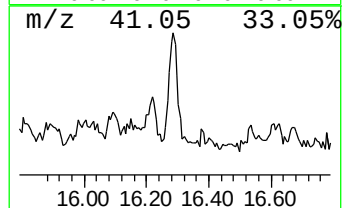
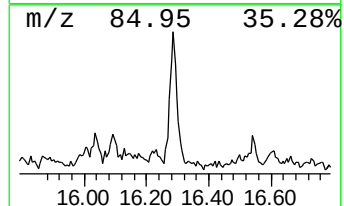
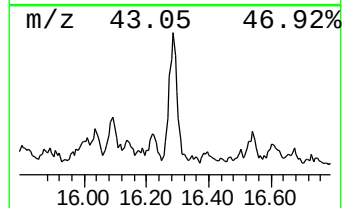
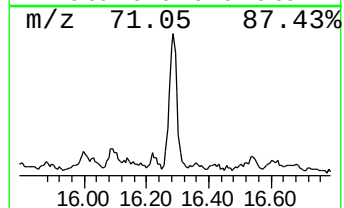
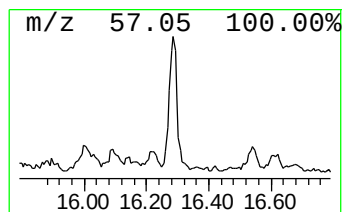
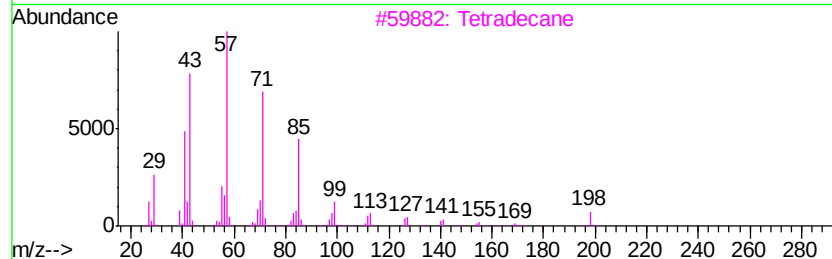
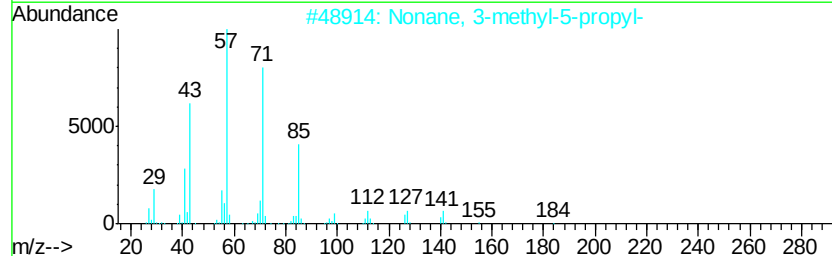
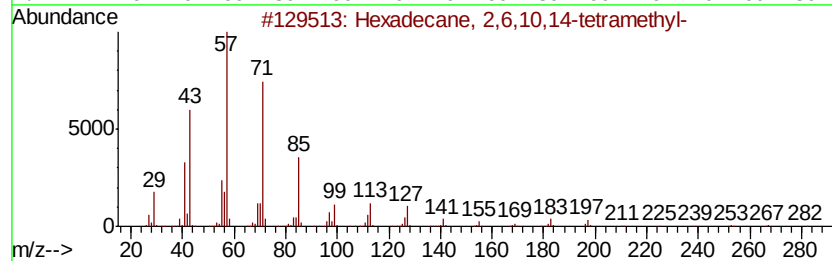
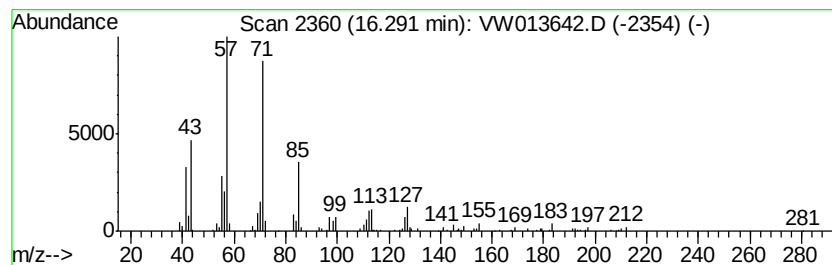
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	5.68 ug/L	122596	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Tetracosane	338	C24H50	000646-31-1	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
 Data File : VW013642.D
 Acq On : 21 Oct 2019 18:12
 Operator : SY/VA
 Sample : K5422-10
 Misc : 5.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.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...	10.50	2.4	ug/L	74028	2	11.63	768424	25.0
(DEL) Alkane: Cyc...	10.66	3.2	ug/L	99487	2	11.63	768424	25.0
(DEL) Alkane: Cyc...	10.76	2.1	ug/L	64072	2	11.63	768424	25.0
(DEL) Alkane: Str...	12.25	1.5	ug/L	46608	2	11.63	768424	25.0
(DEL) Alkane: Str...	12.36	2.5	ug/L	76944	2	11.63	768424	25.0
(DEL) Alkane: Cyc...	12.78	1.7	ug/L	36733	3	13.55	539415	25.0
(DEL) Alkane: Cyc...	12.86	1.3	ug/L	27396	3	13.55	539415	25.0
Ethanone, 1-(1-me...	12.94	3.0	ug/L	64823	3	13.55	539415	25.0
(DEL) Alkane: Str...	13.16	2.7	ug/L	57912	3	13.55	539415	25.0
unknown-01	14.26	1.3	ug/L	27819	3	13.55	539415	25.0
(DEL) Alkane: Cyc...	14.38	3.3	ug/L	72129	3	13.55	539415	25.0
Bicyclo[2.2.1]hep...	14.55	2.3	ug/L	49969	3	13.55	539415	25.0
Sulfurous acid, c...	14.80	1.4	ug/L	29672	3	13.55	539415	25.0
(DEL) Alkane: Str...	14.84	7.4	ug/L	158962	3	13.55	539415	25.0
(DEL) Alkane: Str...	15.32	9.2	ug/L	199296	3	13.55	539415	25.0
(DEL) Alkane: Str...	16.29	5.7	ug/L	122596	3	13.55	539415	25.0