

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014846.D
 Acq On : 03 Feb 2020 20:27
 Operator : SY/VA
 Sample : L1323-13
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT51

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\SOM2WLM020320S.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	2.154	39	41	46	rBV3	9289	14222	2.04%	0.141%
2	2.355	69	74	79	rBV	17552	32347	4.64%	0.322%
3	2.879	156	160	173	rVB2	33910	73843	10.58%	0.734%
4	2.989	176	178	180	rVB3	1881	1602	0.23%	0.016%
5	3.019	180	183	186	rBV4	1940	1990	0.29%	0.020%
6	3.074	190	192	195	rVB3	1416	1212	0.17%	0.012%
7	3.172	206	208	212	rVB4	1256	1147	0.16%	0.011%
8	3.300	227	229	233	rVB5	922	1271	0.18%	0.013%
9	3.361	237	239	241	rBV3	1302	1135	0.16%	0.011%
10	3.471	254	257	260	rBV5	997	1120	0.16%	0.011%
11	3.574	273	274	278	rBV4	1078	1353	0.19%	0.013%
12	3.678	288	291	294	rVV4	1355	2205	0.32%	0.022%
13	3.715	296	297	300	rVB2	1384	933	0.13%	0.009%
14	4.019	336	347	359	rBV2	49047	133191	19.09%	1.325%
15	4.135	359	366	372	rVV3	3395	8051	1.15%	0.080%
16	4.373	400	405	406	rBV4	1303	1849	0.27%	0.018%
17	4.391	406	408	411	rVV4	1217	1552	0.22%	0.015%
18	4.477	421	422	425	rBV2	903	948	0.14%	0.009%
19	4.605	440	443	446	rBV5	1056	1073	0.15%	0.011%
20	4.824	475	479	482	rVB5	944	1471	0.21%	0.015%
21	4.855	482	484	485	rBV2	1251	954	0.14%	0.009%
22	4.867	485	486	488	rVV2	1341	1368	0.20%	0.014%
23	4.915	488	494	507	rVB4	10457	34274	4.91%	0.341%
24	5.013	507	510	513	rBV3	1193	1365	0.20%	0.014%
25	5.080	516	521	524	rBV5	1029	1522	0.22%	0.015%
26	5.123	524	528	529	rBV4	979	1390	0.20%	0.014%
27	5.153	529	533	535	rVV5	1831	3174	0.45%	0.032%
28	5.202	539	541	546	rVB5	1085	1543	0.22%	0.015%
29	5.257	546	550	552	rBV3	1076	1667	0.24%	0.017%
30	5.379	567	570	574	rVB4	1256	1732	0.25%	0.017%
31	5.452	578	582	589	rVB5	1282	2606	0.37%	0.026%
32	5.537	592	596	597	rBV3	880	976	0.14%	0.010%
33	5.763	629	633	635	rBV5	1538	2004	0.29%	0.020%
34	5.812	640	641	644	rVB3	907	873	0.13%	0.009%

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 Title : VOC Analysis

35	5.848	644	647	648	rBV	896	969	0.14%	0.010%
36	5.940	654	662	664	rBV6	3105	7077	1.01%	0.070%
37	6.159	697	698	702	rBV4	1285	1193	0.17%	0.012%
38	6.226	707	709	712	rVB4	1035	995	0.14%	0.010%
39	6.275	714	717	719	rVB4	1059	1110	0.16%	0.011%
40	6.293	719	720	722	rBV2	908	881	0.13%	0.009%
41	6.318	722	724	726	rVB3	1087	899	0.13%	0.009%
42	6.354	726	730	735	rVB5	1166	1677	0.24%	0.017%
43	6.397	735	737	739	rVB3	1184	915	0.13%	0.009%
44	6.421	739	741	744	rVB4	979	997	0.14%	0.010%
45	6.452	744	746	747	rBV2	1031	903	0.13%	0.009%
46	6.580	762	767	769	rBV5	737	1410	0.20%	0.014%
47	6.836	807	809	810	rBV2	1524	979	0.14%	0.010%
48	6.879	814	816	819	rBV4	1048	1158	0.17%	0.012%
49	6.927	822	824	829	rBB5	994	1740	0.25%	0.017%
50	6.982	829	833	836	rBV6	1244	1877	0.27%	0.019%
51	7.129	841	857	870	rBV3	66640	252816	36.24%	2.515%
52	7.324	886	889	891	rBV5	1590	1864	0.27%	0.019%
53	7.342	891	892	894	rVB2	1233	892	0.13%	0.009%
54	7.385	898	899	901	rBV2	1727	1140	0.16%	0.011%
55	7.494	914	917	921	rBV6	1773	2099	0.30%	0.021%
56	7.537	921	924	926	rBV4	1834	2025	0.29%	0.020%
57	7.555	926	927	929	rVV2	1231	934	0.13%	0.009%
58	7.647	934	942	951	rVV2	74029	186273	26.70%	1.853%
59	7.738	955	957	960	rVB3	2011	1817	0.26%	0.018%
60	7.775	960	963	965	rBV4	1824	2444	0.35%	0.024%
61	7.811	967	969	970	rBV2	1858	927	0.13%	0.009%
62	7.909	983	985	988	rBV4	1839	1472	0.21%	0.015%
63	8.275	1036	1045	1058	rBV2	154610	484547	69.46%	4.819%
64	8.427	1068	1070	1073	rBV4	3109	3307	0.47%	0.033%
65	8.842	1130	1138	1147	rBV	156709	328540	47.09%	3.268%
66	9.274	1202	1209	1218	rBV	110119	229911	32.96%	2.287%
67	10.037	1329	1334	1340	rBV2	54739	103447	14.83%	1.029%
68	10.323	1375	1381	1387	rBV	208526	361985	51.89%	3.600%
69	10.579	1420	1423	1428	rVB3	36480	54893	7.87%	0.546%
70	10.701	1439	1443	1449	rVB	54038	90434	12.96%	0.899%
71	10.927	1475	1480	1484	rBV	87108	158824	22.77%	1.580%

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72	11.061	1499	1502	1508	rBV2	38723	56103	8.04%	0.558%
73	11.628	1590	1595	1607	rVB	234066	441003	63.21%	4.386%
74	12.609	1751	1756	1763	rBV	102400	248403	35.61%	2.471%
75	12.688	1766	1769	1776	rVB	122581	202605	29.04%	2.015%
76	13.298	1860	1869	1882	rBV4	127333	568547	81.50%	5.655%
77	13.554	1906	1911	1919	rVB	188841	324039	46.45%	3.223%
78	13.853	1954	1960	1968	rBV2	204269	479777	68.77%	4.772%
79	14.066	1992	1995	2002	rVB4	46914	102938	14.76%	1.024%
80	14.200	2013	2017	2021	rBV4	21236	38953	5.58%	0.387%
81	14.347	2037	2041	2043	rBV4	37183	58167	8.34%	0.579%
82	14.383	2043	2047	2051	rVV2	108585	179034	25.66%	1.781%
83	14.426	2051	2054	2056	rVV3	30149	37895	5.43%	0.377%
84	14.456	2056	2059	2062	rVV	35138	41612	5.96%	0.414%
85	14.499	2062	2066	2069	rVV4	58981	95569	13.70%	0.951%
86	14.548	2069	2074	2079	rVB6	99058	184057	26.38%	1.831%
87	14.737	2101	2105	2108	rBV5	31031	49773	7.13%	0.495%
88	14.792	2109	2114	2118	rVV2	154001	284960	40.85%	2.834%
89	14.841	2118	2122	2130	rVB	247592	458712	65.75%	4.562%
90	15.170	2170	2176	2180	rBV8	73140	182914	26.22%	1.819%
91	15.322	2196	2201	2204	rBV	303652	502149	71.98%	4.994%
92	15.365	2204	2208	2217	rVB	368524	697624	100.00%	6.939%
93	15.633	2247	2252	2253	rBV4	70165	100578	14.42%	1.000%
94	15.731	2263	2268	2275	rVB3	115110	216088	30.97%	2.149%
95	16.170	2336	2340	2344	rBV5	53715	95679	13.71%	0.952%
96	16.218	2344	2348	2353	rVB3	90810	154629	22.17%	1.538%
97	16.285	2354	2359	2367	rVB	211082	381320	54.66%	3.793%
98	16.444	2379	2385	2396	rVB	229216	518558	74.33%	5.158%
99	16.535	2398	2400	2407	rVV2	42234	70363	10.09%	0.700%
100	16.645	2409	2418	2429	rVB3	187134	648679	92.98%	6.452%

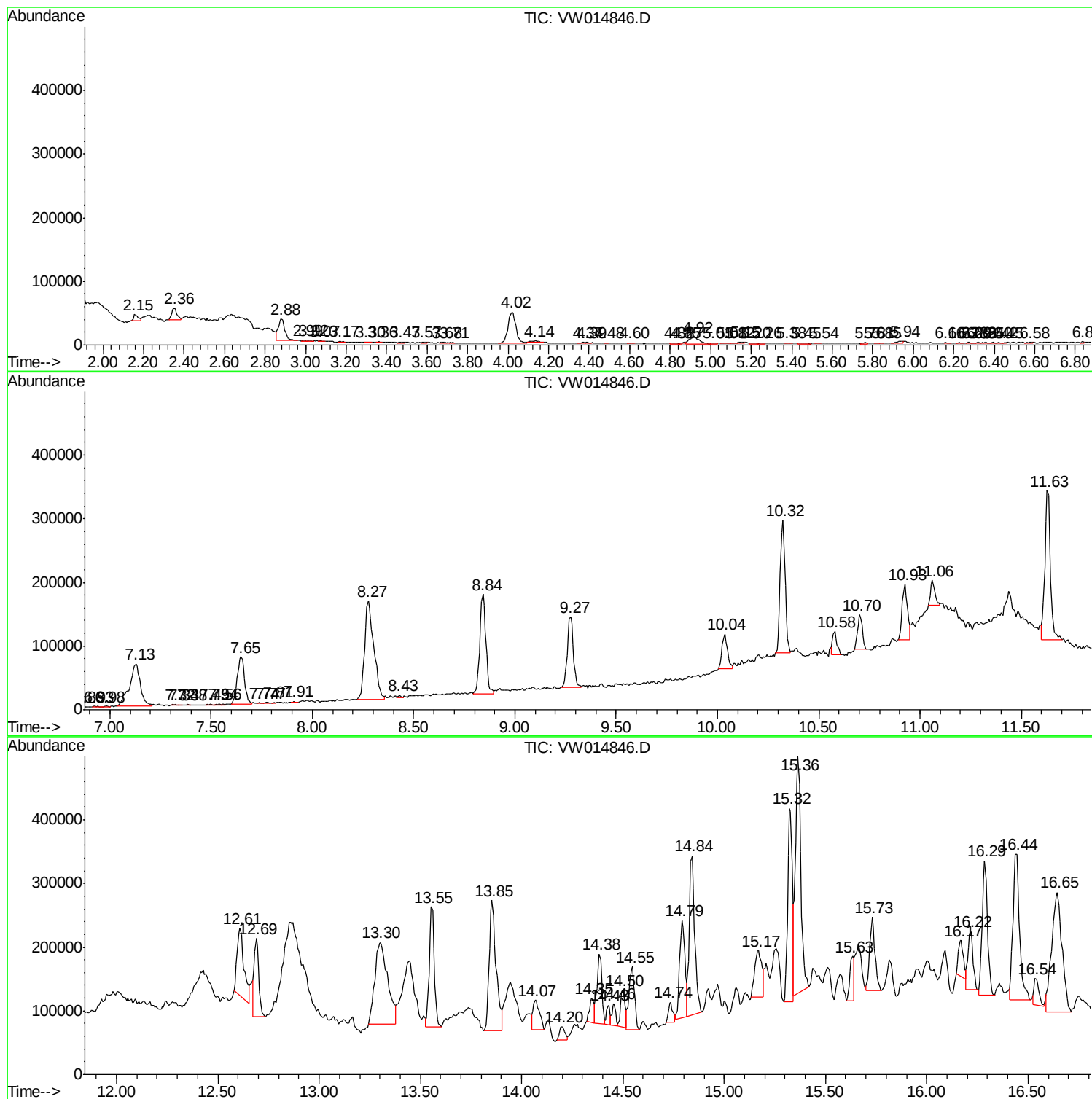
Sum of corrected areas: 10054062

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



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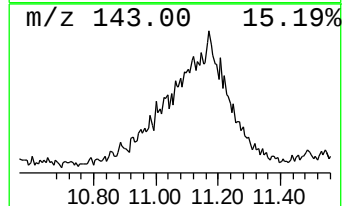
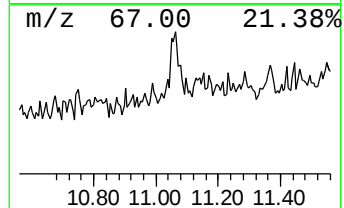
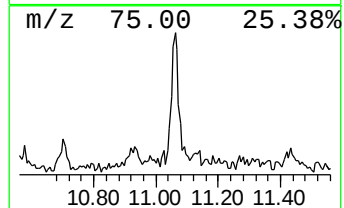
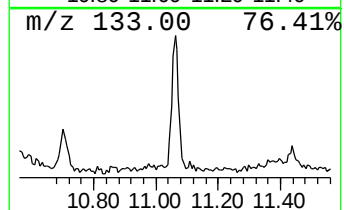
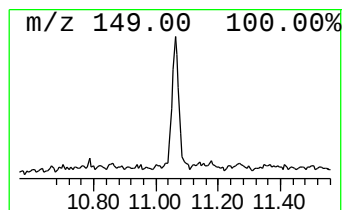
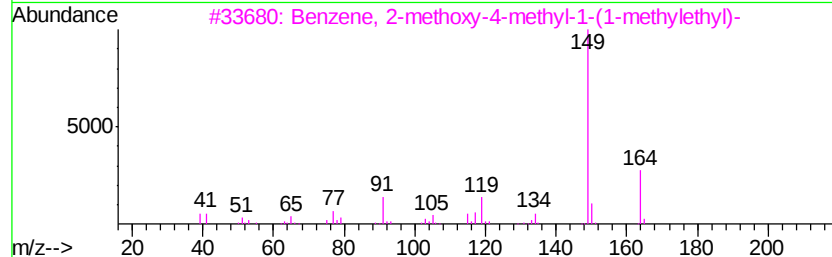
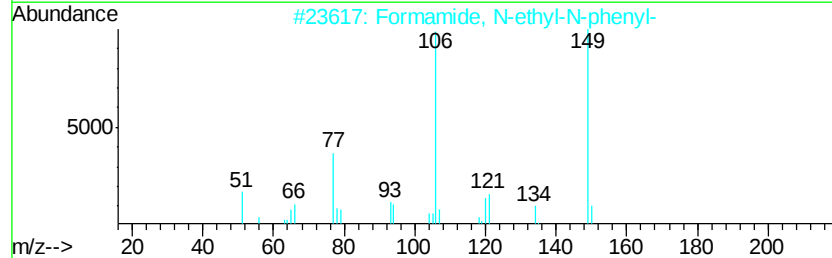
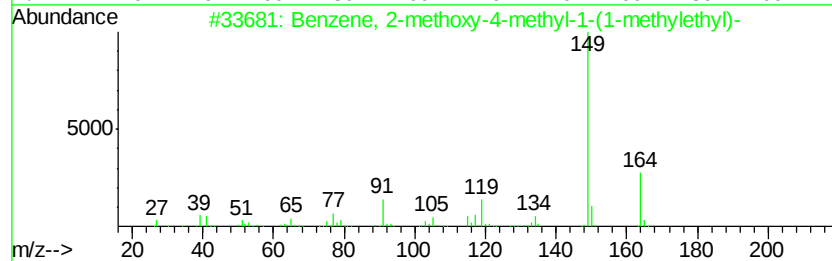
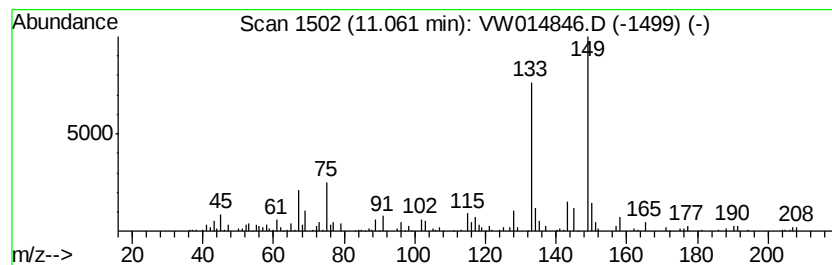
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.18 ug/L	56103	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-methoxy-4-methyl-1-(1-methylethyl)-	164	C11H16O	001076-56-8	27
2		Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	27
3		Benzene, 2-methoxy-4-methyl-1-(1-methylethyl)-	164	C11H16O	001076-56-8	27
4		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	27
5		(1-t-Butylthiovinloxy)trimethyl-	204	C9H20OSi	063584-47-4	27



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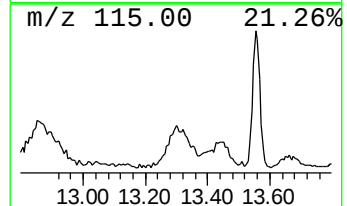
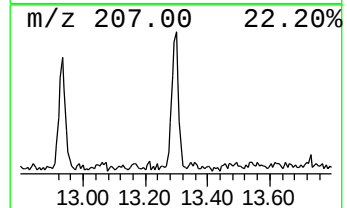
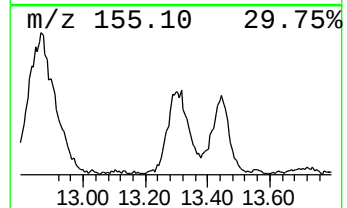
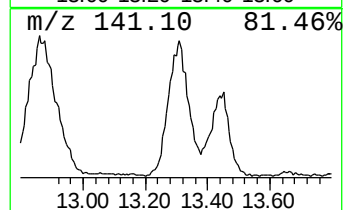
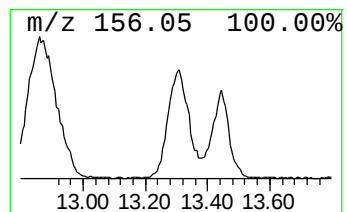
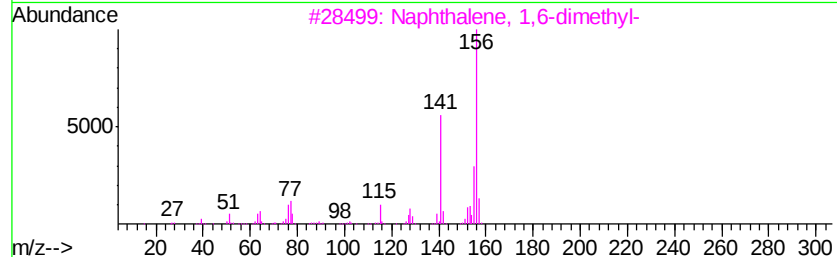
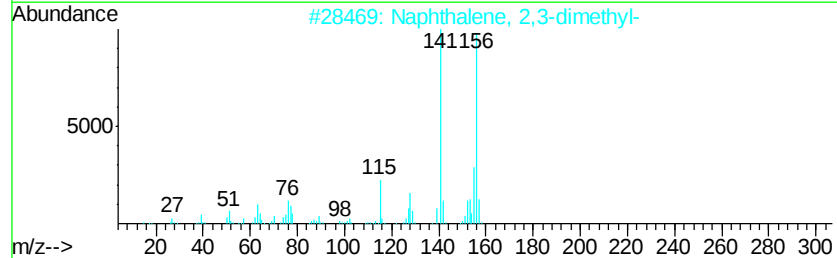
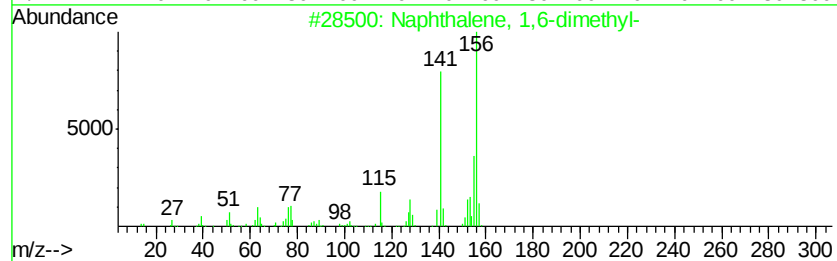
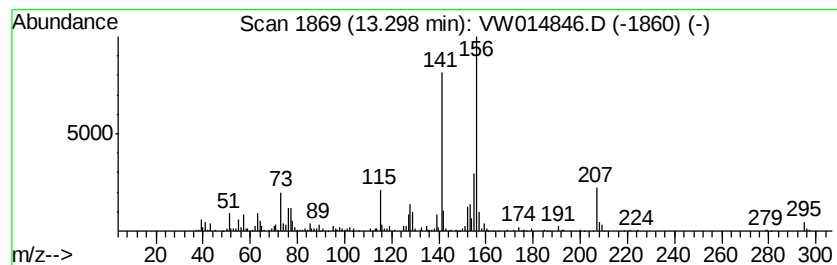
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	43.86 ug/L	568547	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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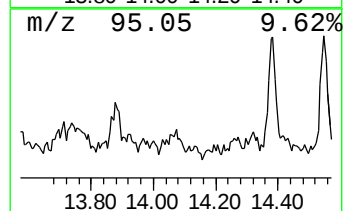
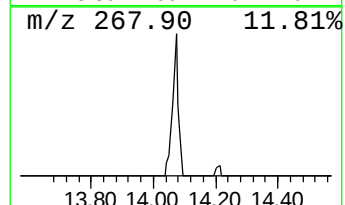
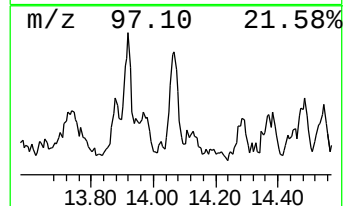
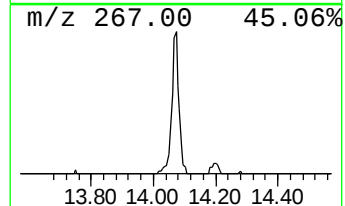
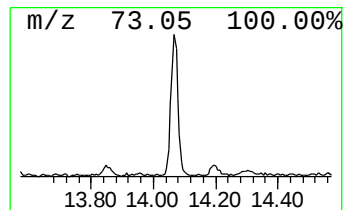
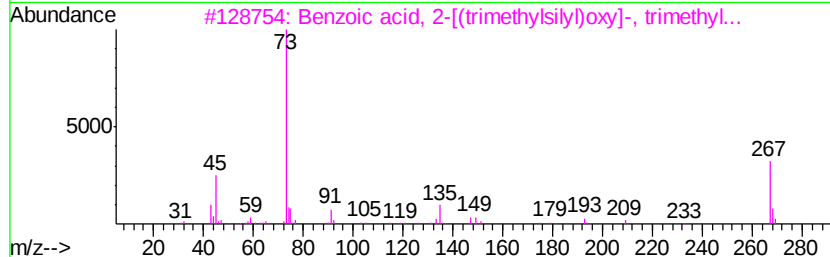
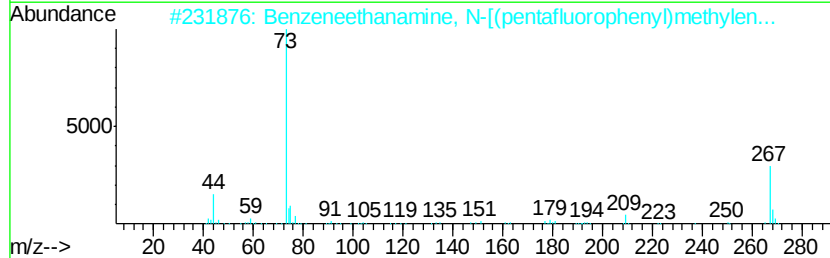
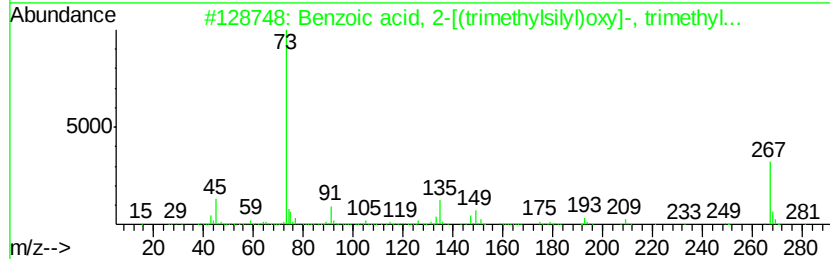
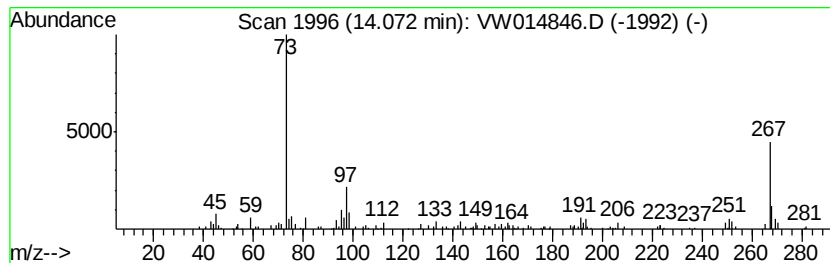
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Peak Number 6 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	7.94 ug/L	102938	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	37
2		Benzenethanamine, N-[(pentafluorophenyl)methyl]...	475	C21H26F5N02Si2	055429-85-1	37
3		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	23
4		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	23
5		11H-Dibenzo[b,e][1,4]diazepin-11-one	267	C16H17N3O	013450-73-2	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

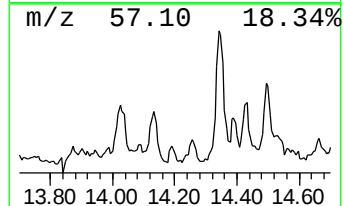
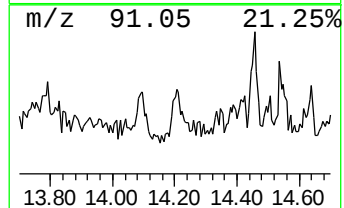
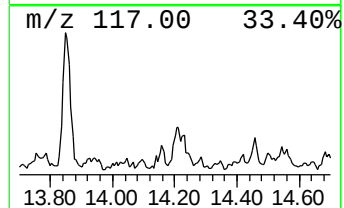
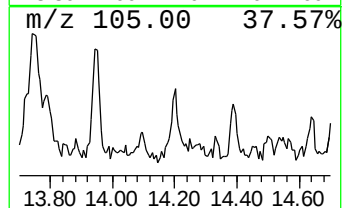
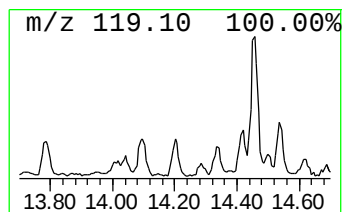
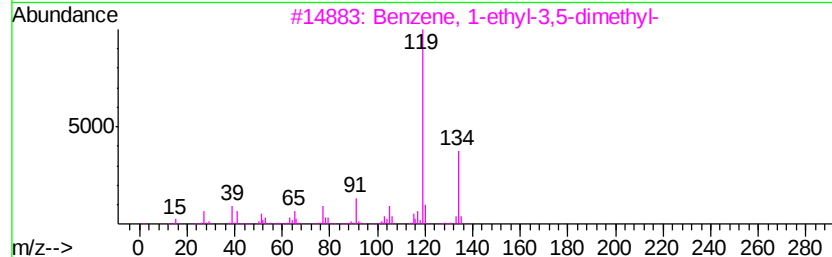
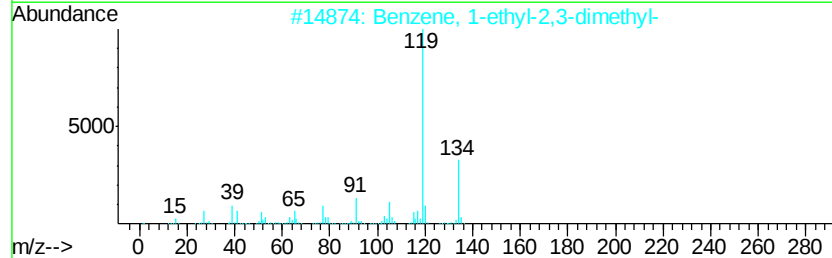
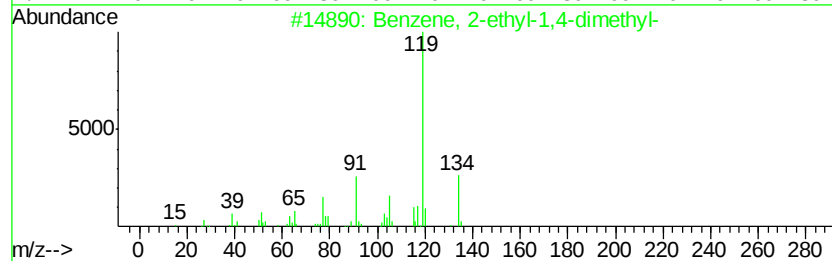
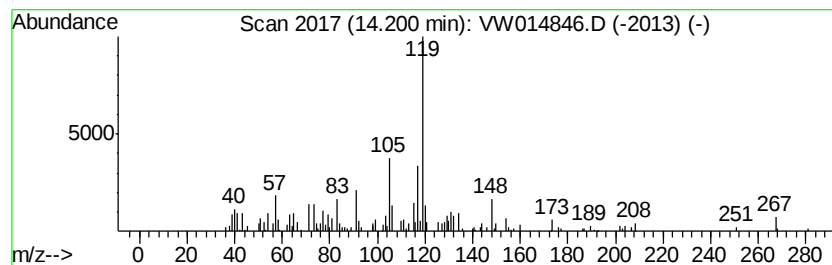
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.01 ug/L	38953	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

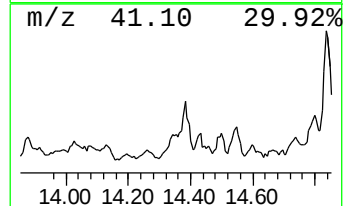
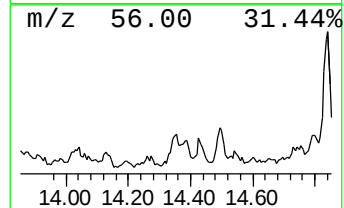
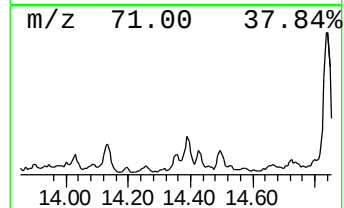
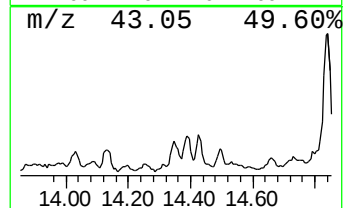
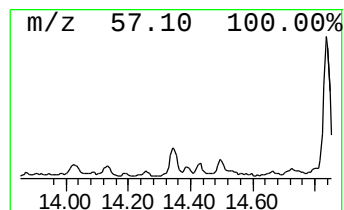
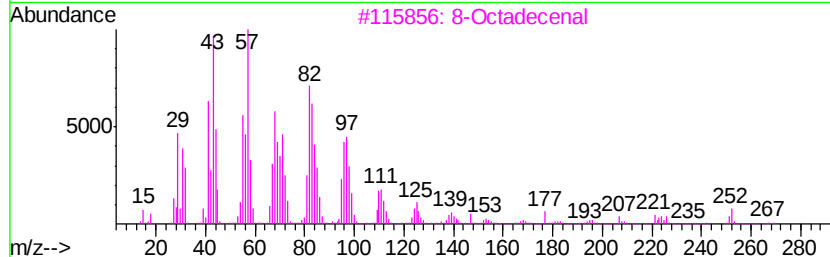
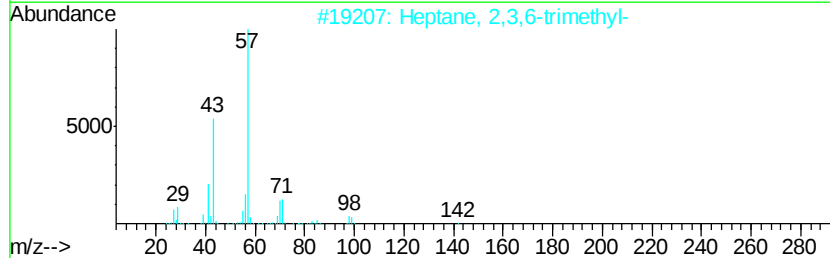
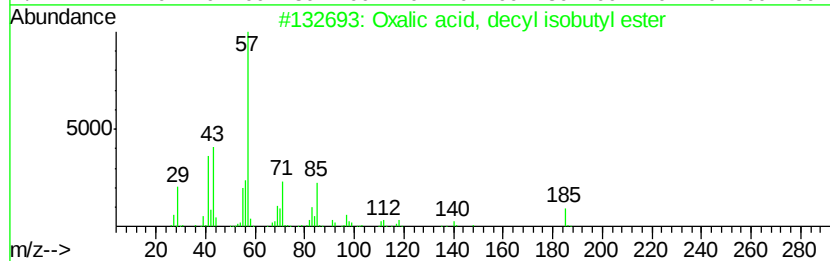
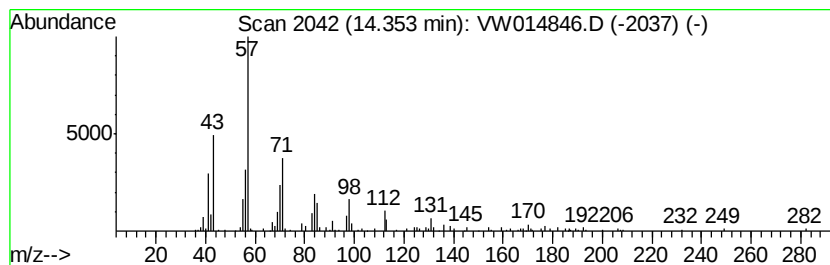
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Quant Title : VOC Analysis

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

Peak Number 8 Oxalic acid, decyl isobutyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.49 ug/L	58167	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, decyl isobutyl ester	286	C16H30O4	1000309-37-5	53
2		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3		8-Octadecenal	266	C18H34O	056554-94-0	53
4		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	53
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

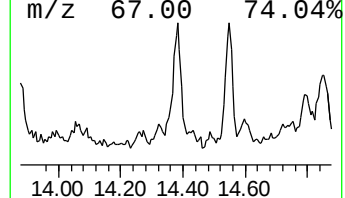
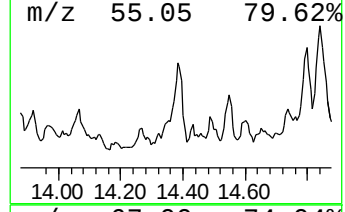
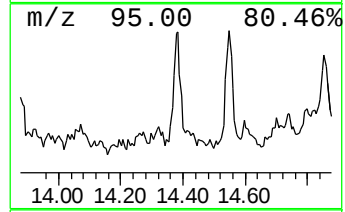
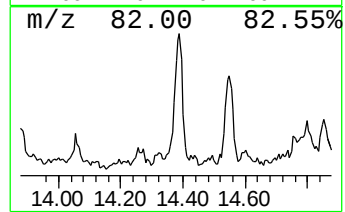
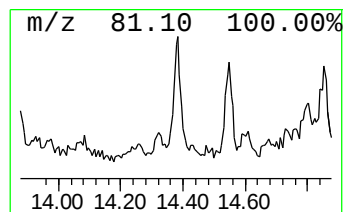
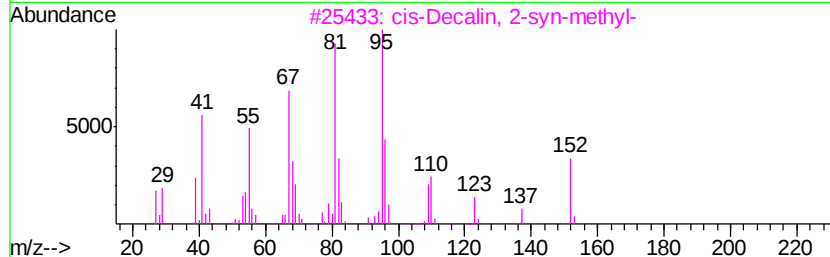
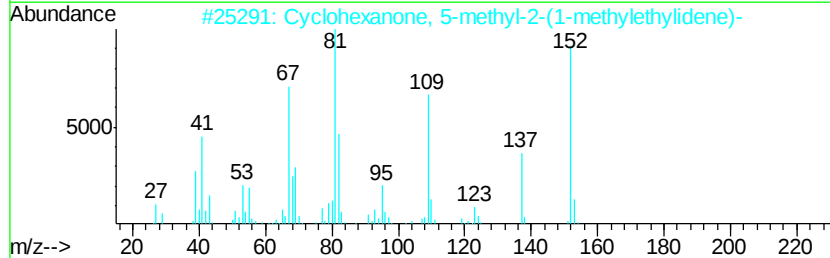
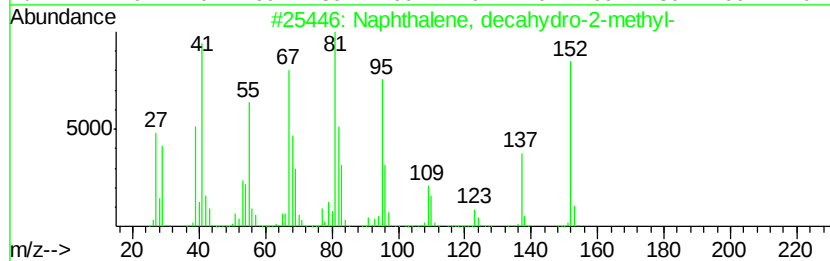
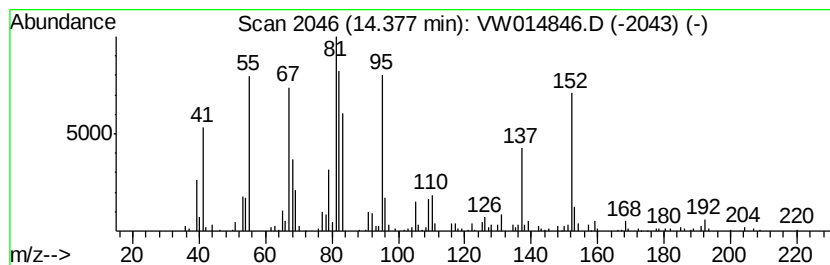
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	13.81 ug/L	179034	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
4		Pulegone	152	C10H16O	000089-82-7	53
5		Pulegone	152	C10H16O	000089-82-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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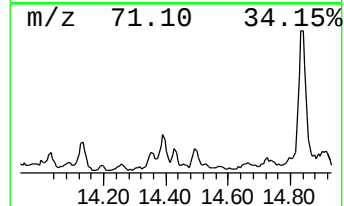
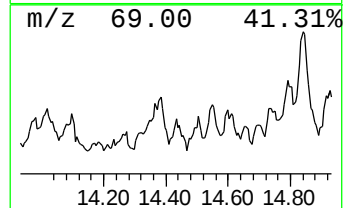
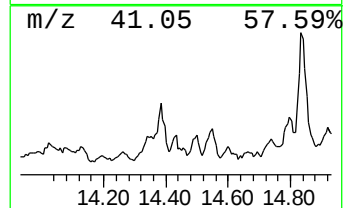
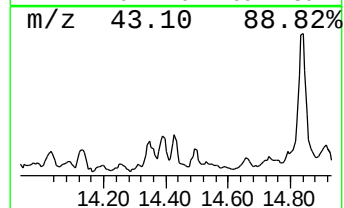
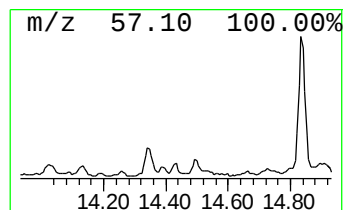
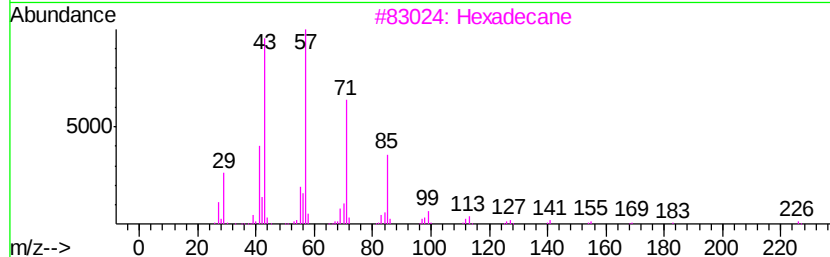
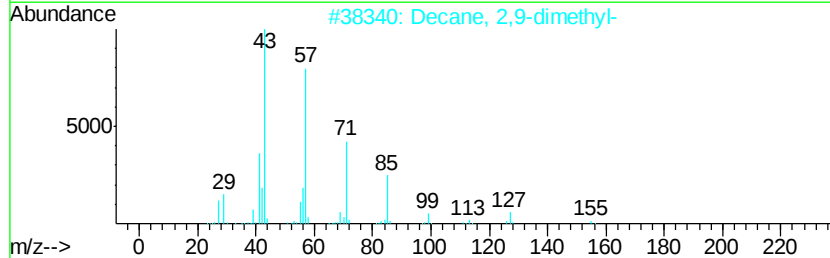
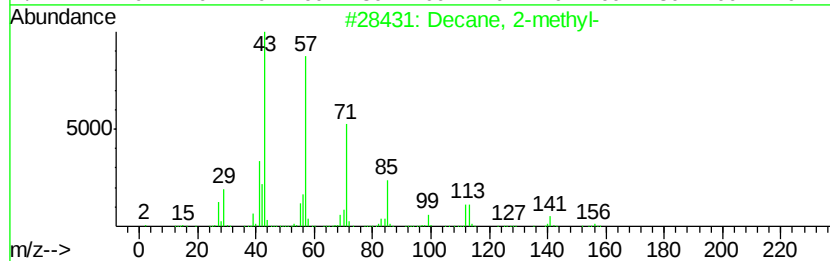
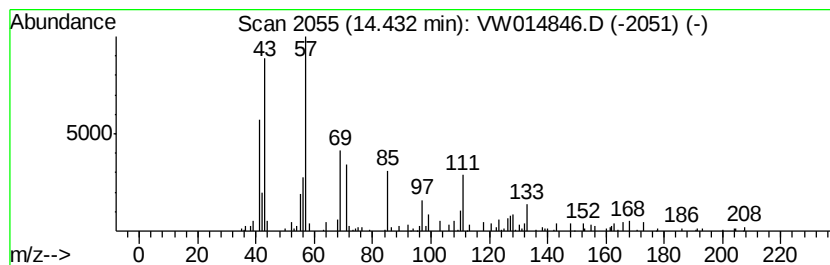
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.92 ug/L	37895	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	74
2			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3			Hexadecane	226	C16H34	000544-76-3	59
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
5			Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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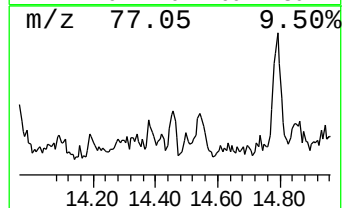
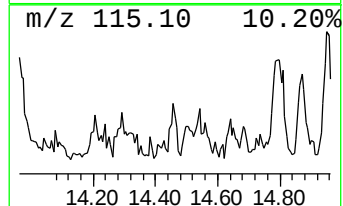
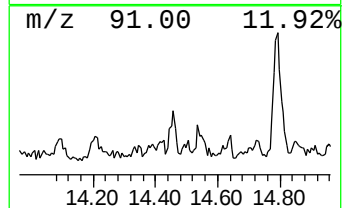
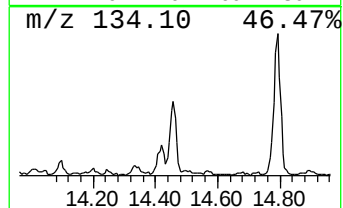
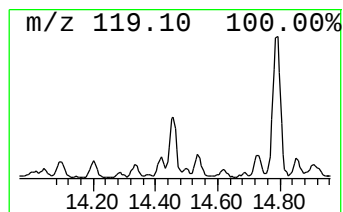
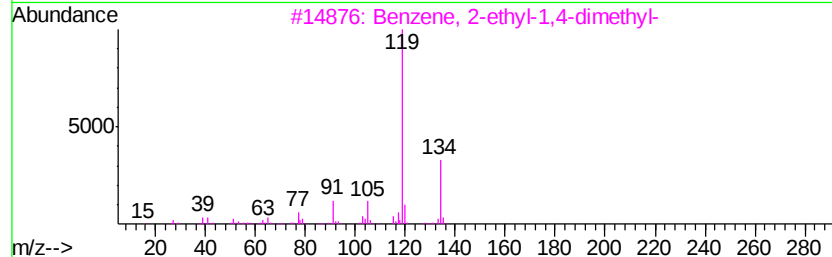
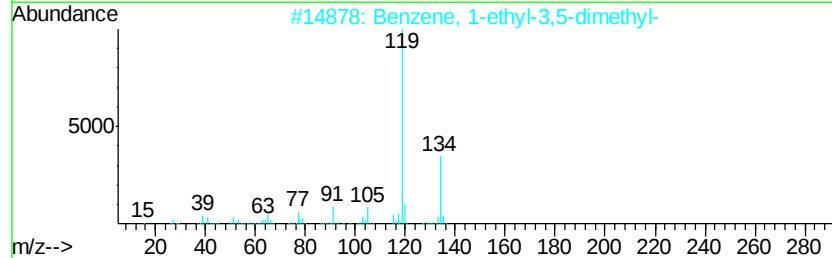
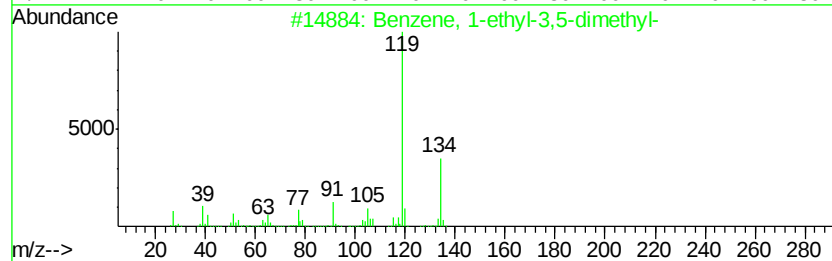
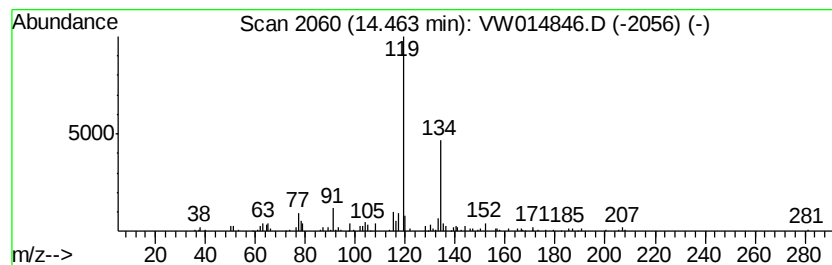
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.21 ug/L	41612	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4		p-Cymene	134	C10H14	000099-87-6	83
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

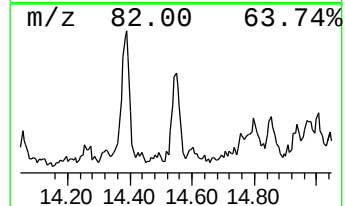
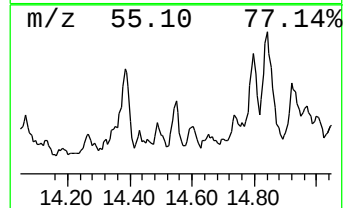
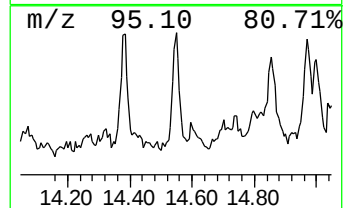
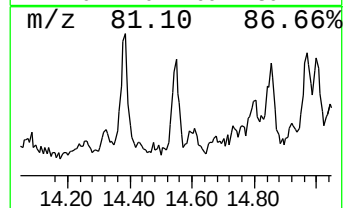
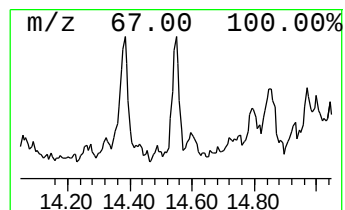
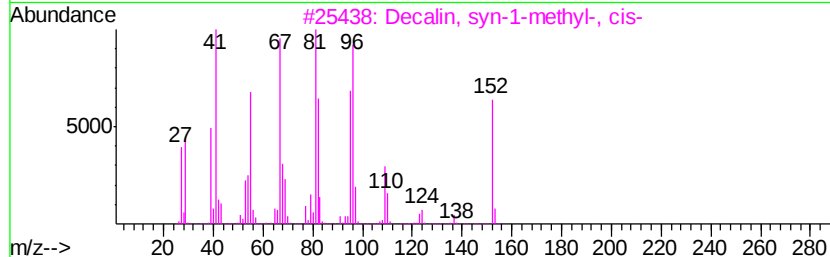
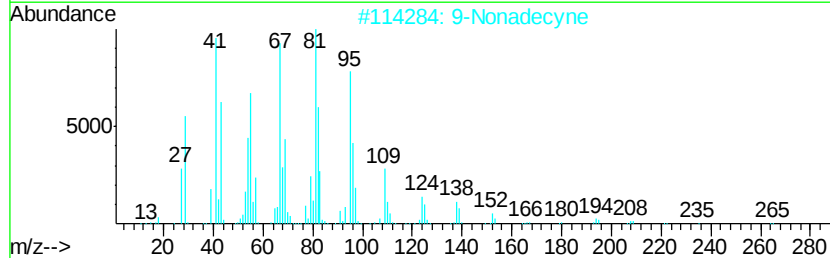
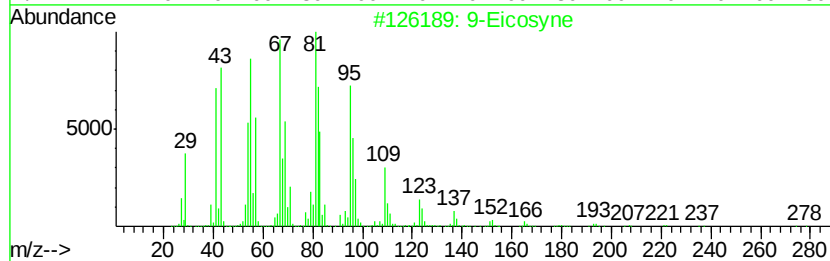
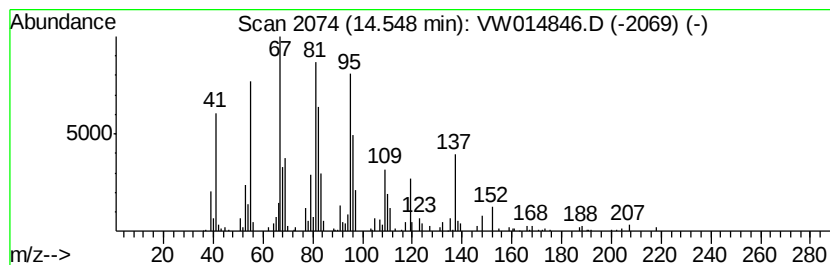
Instrument :
MSVOA_W
ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 13 9-Eicosyne Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	14.20 ug/L	184057	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Eicosyne	278 C20H38	071899-38-2	72
2	9-Nonadecyne	264 C19H36	106073-69-2	72
3	Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1	64
4	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	58
5	E-1,6-Undecadiene	152 C11H20	1000245-71-2	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

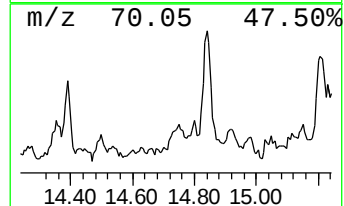
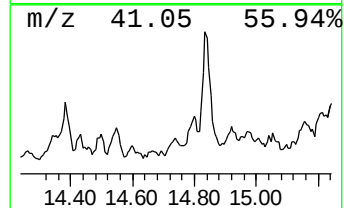
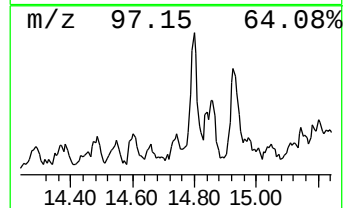
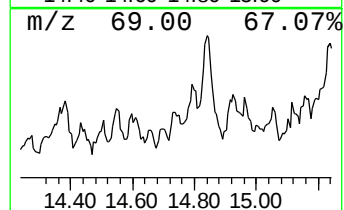
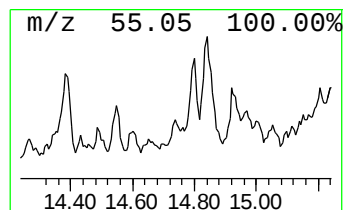
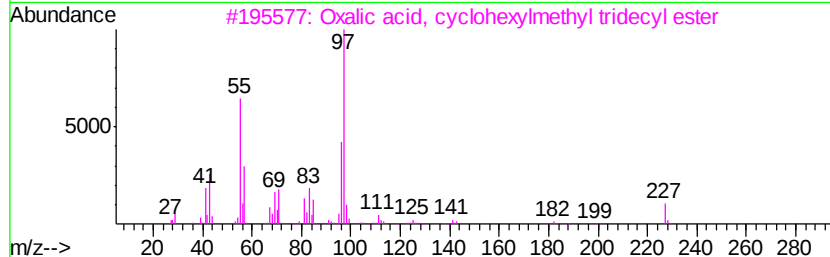
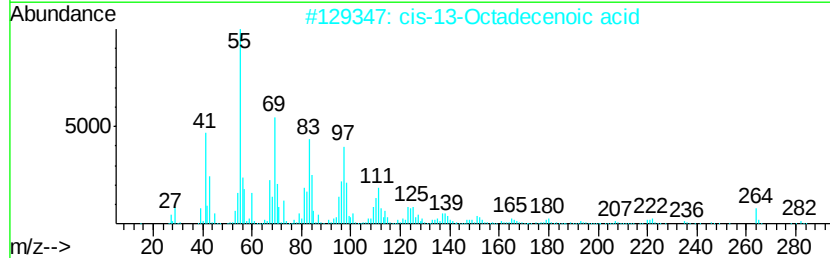
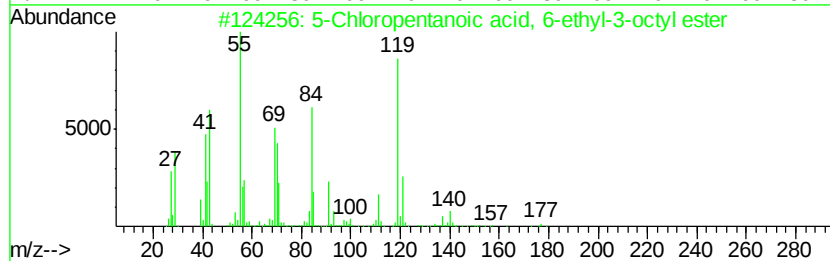
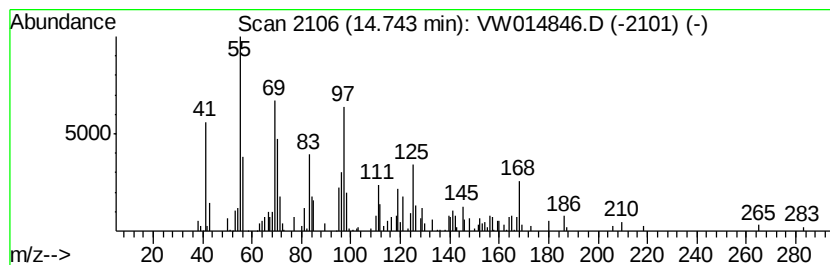
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.84 ug/L	49773	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Chloropentanoic acid, 6-ethyl-...	276	C15H29ClO2	1000293-37-9	35
2		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	27
3		Oxalic acid, cyclohexylmethyl tr...	368	C22H40O4	1000309-69-1	22
4		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	22
5		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

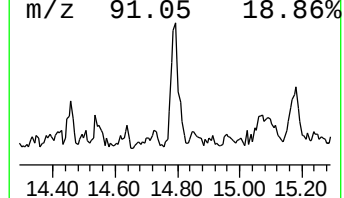
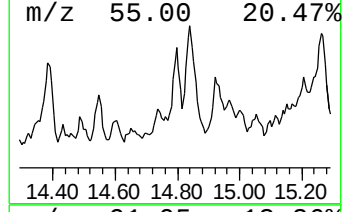
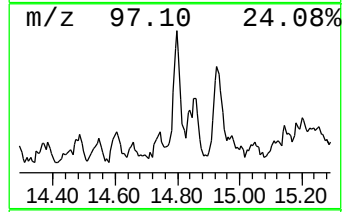
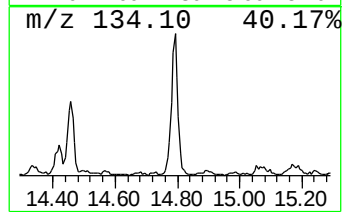
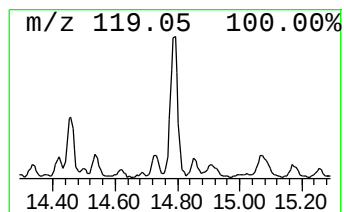
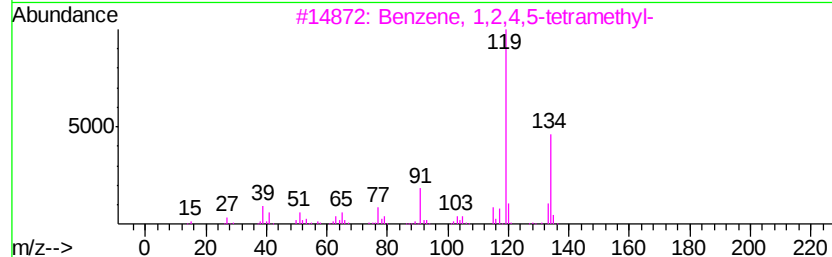
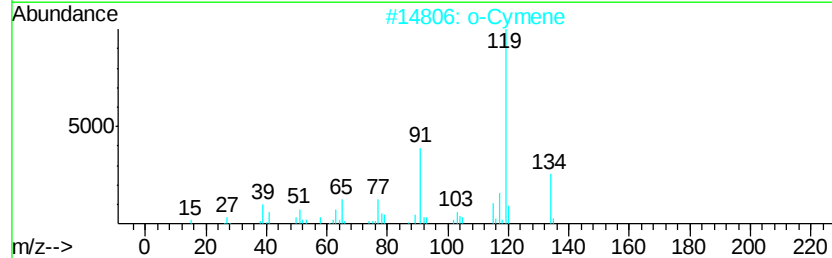
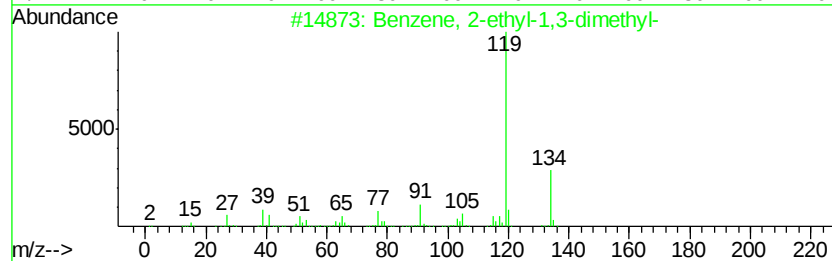
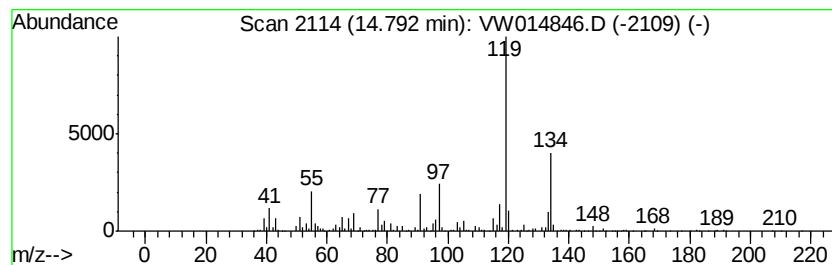
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	21.99 ug/L	284960	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

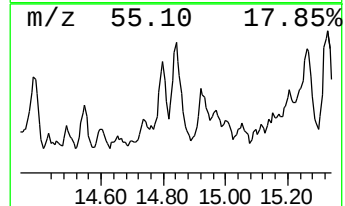
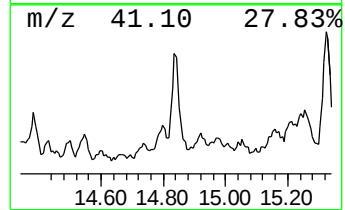
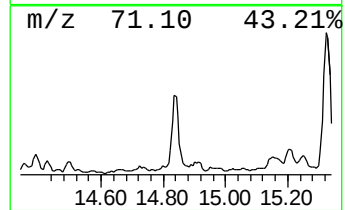
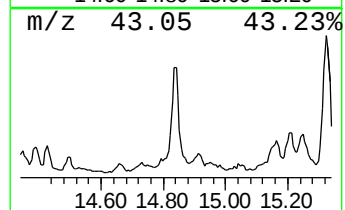
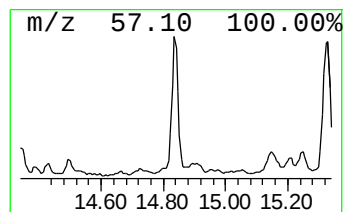
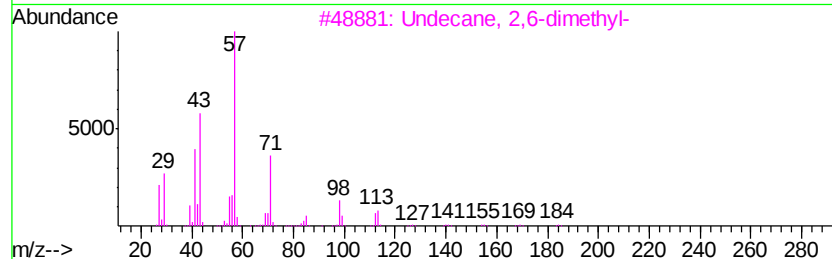
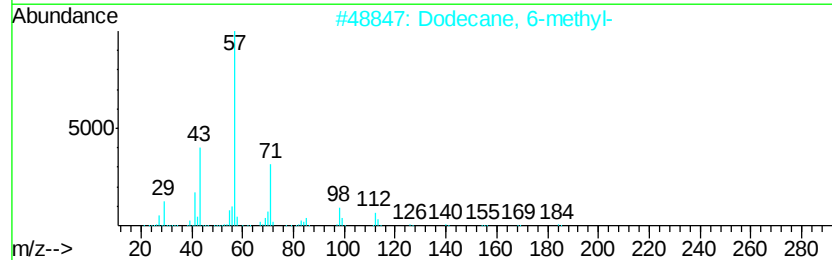
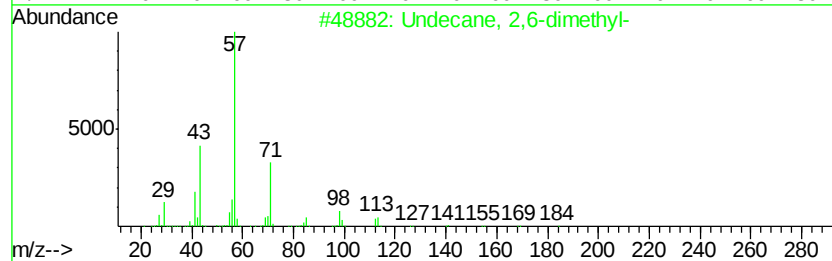
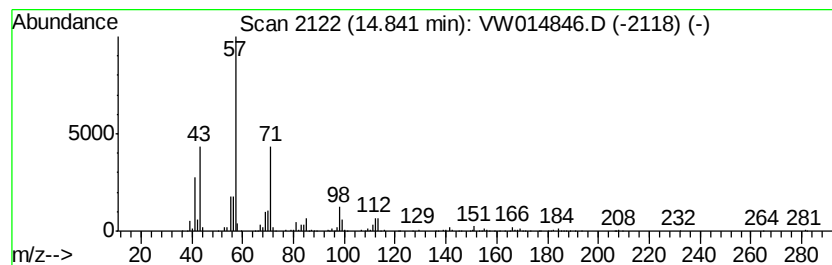
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	35.39 ug/L	458712	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

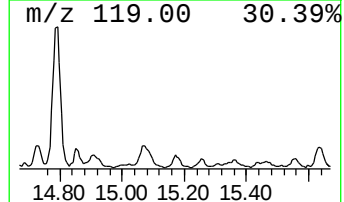
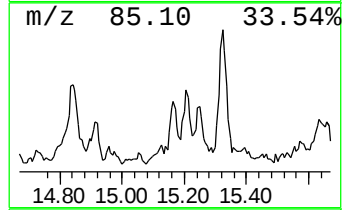
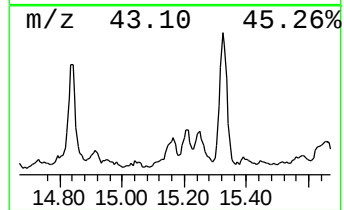
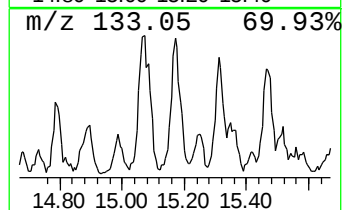
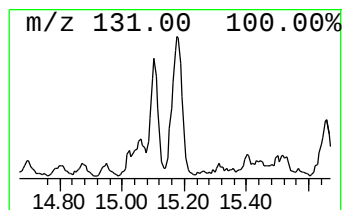
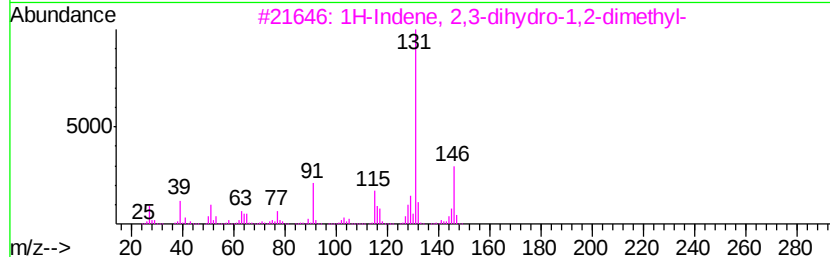
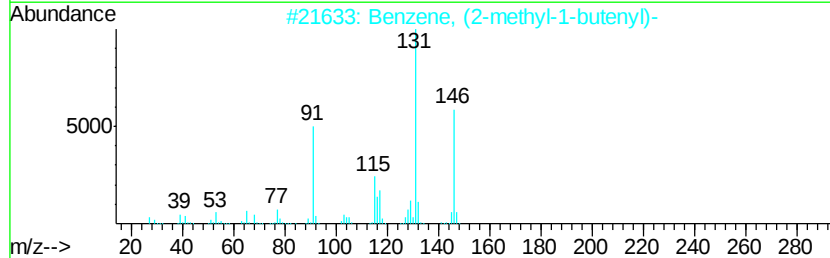
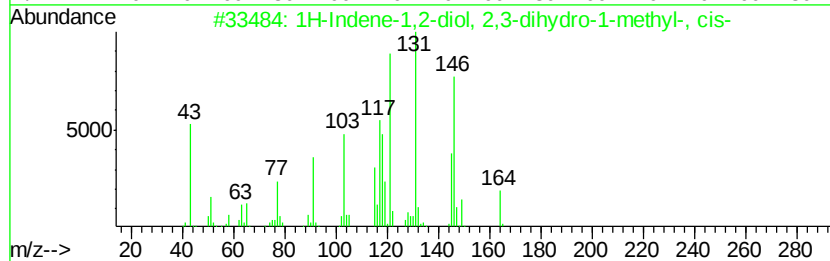
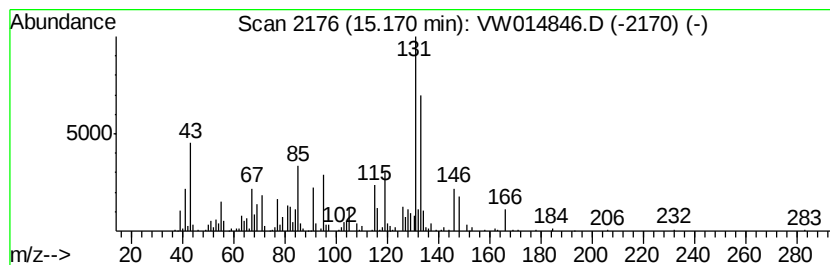
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Quant Title : VOC Analysis

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

Peak Number 17 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	14.11 ug/L	182914	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-1,2-diol, 2,3-dihydro-...	164	C10H12O2	056588-29-5	50
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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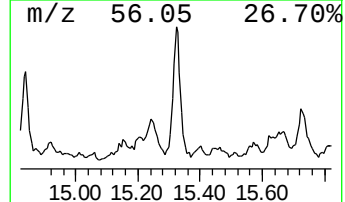
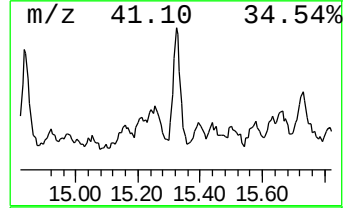
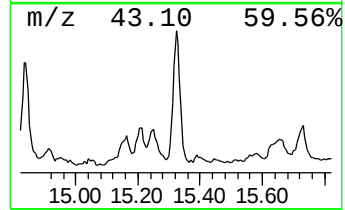
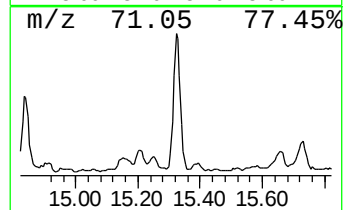
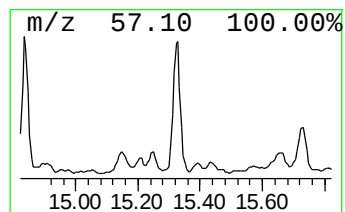
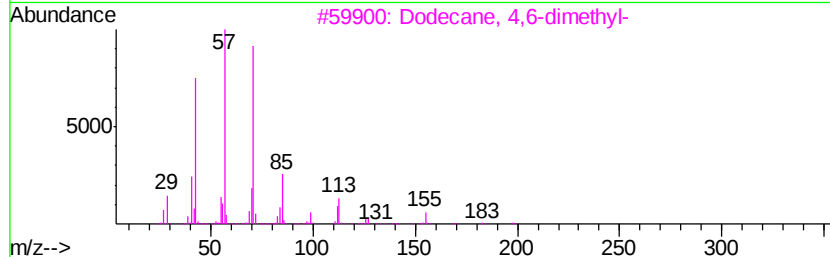
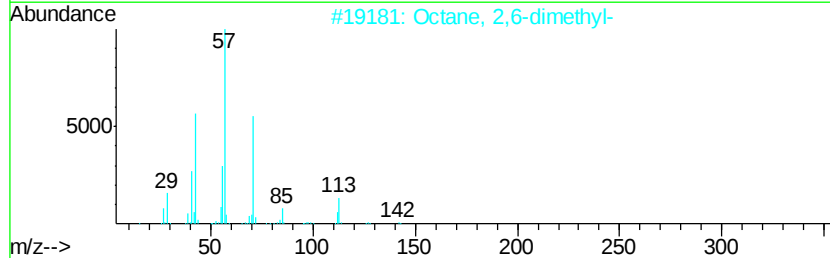
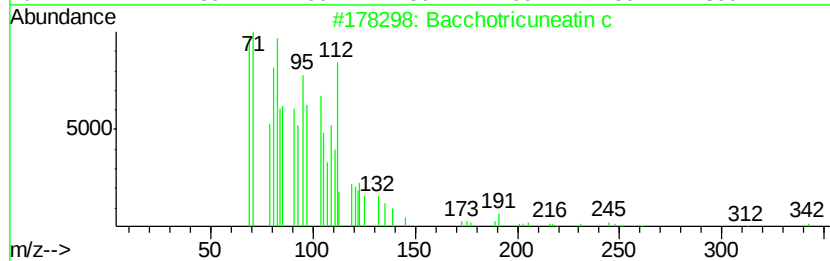
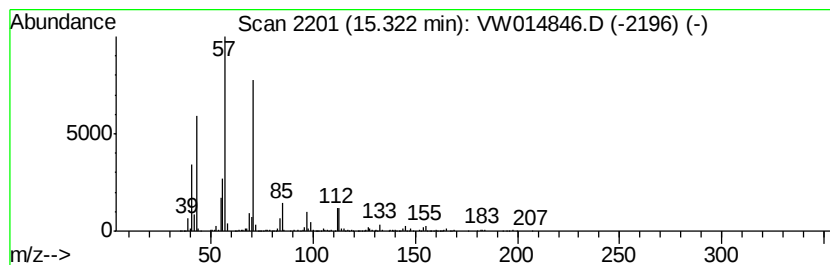
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Quant Title : VOC Analysis

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	38.74 ug/L	502149	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014846.D
 Acq On : 03 Feb 2020 20:27
 Operator : SY/VA
 Sample : L1323-13
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

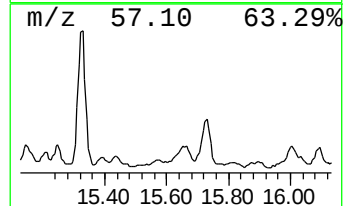
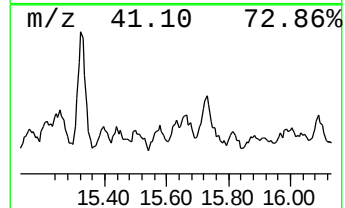
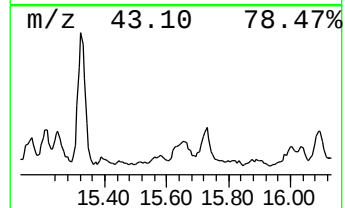
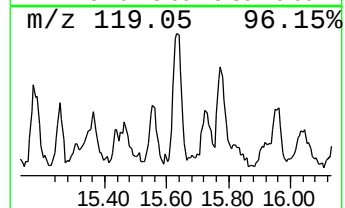
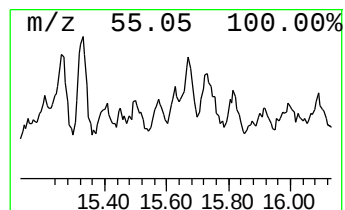
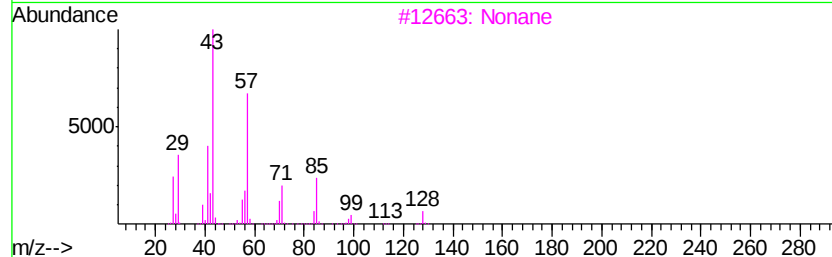
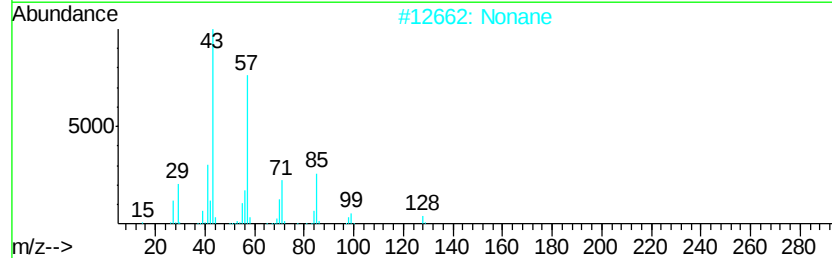
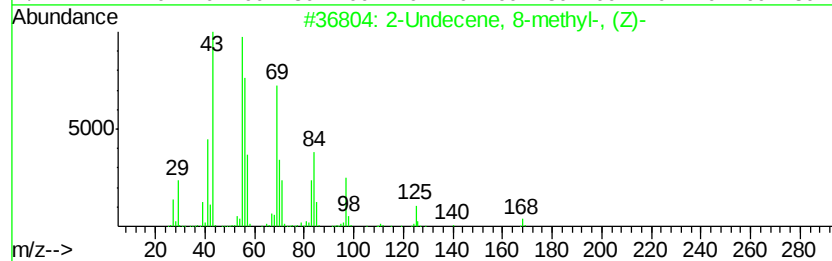
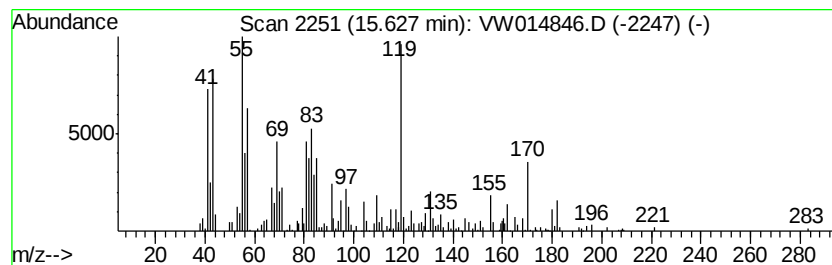
Instrument :
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 ClientSampleId :
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 Quant Title : VOC Analysis

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

 Peak Number 20 (DEL) Alkane: Cyclic15.63 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.	
15.63	7.76 ug/L	100578	1,4-Dichlorobenzene-d4			13.56	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Undecene, 8-methyl-, (Z)-	168	C12H24		074630-44-7	25
2	Nonane		128	C9H20		000111-84-2	18
3	Nonane		128	C9H20		000111-84-2	18
4	Benzene, (1,1-dimethylbutyl)-		162	C12H18		001985-57-5	15
5	o-Cymene		134	C10H14		000527-84-4	15



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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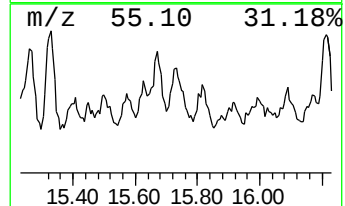
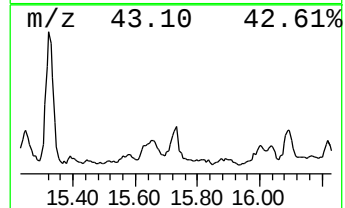
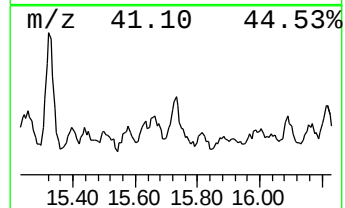
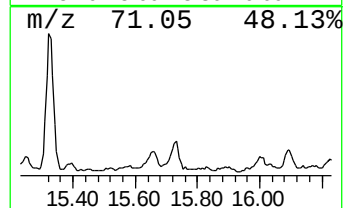
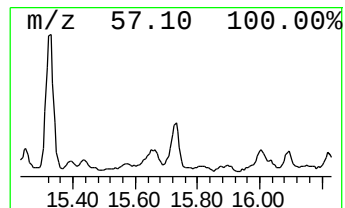
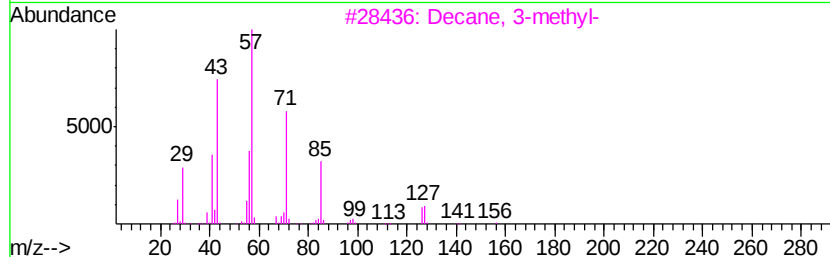
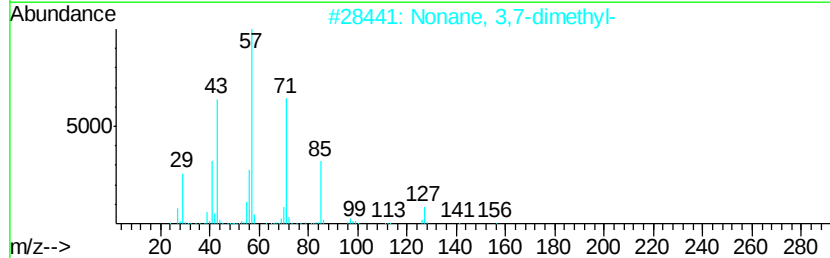
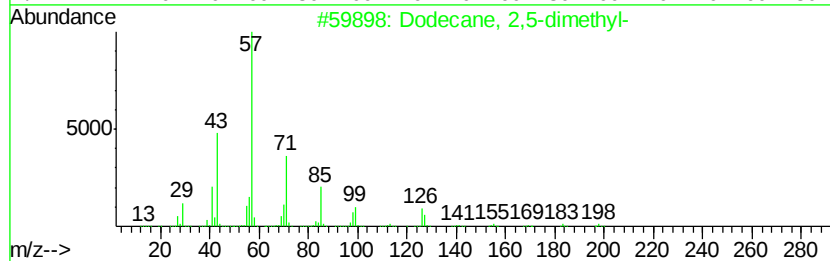
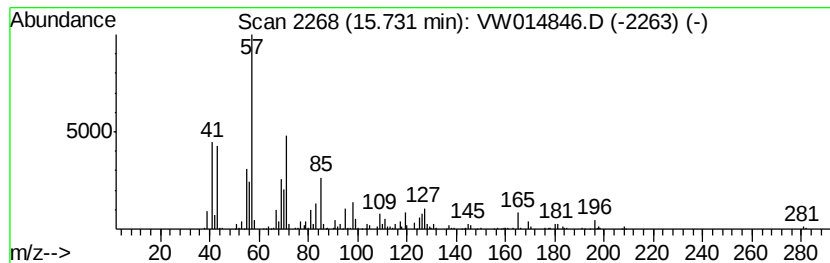
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	16.67 ug/L	216088	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	68
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3			Decane, 3-methyl-	156	C11H24	013151-34-3	50
4			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	47
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

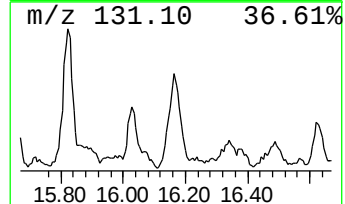
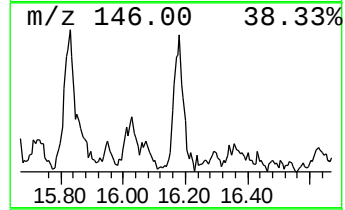
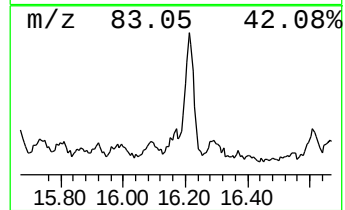
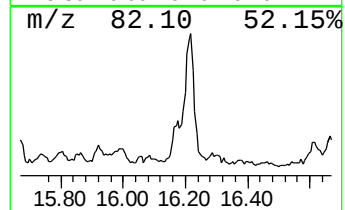
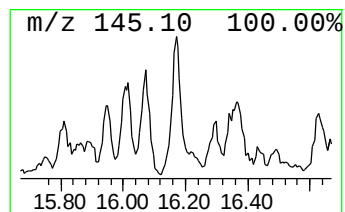
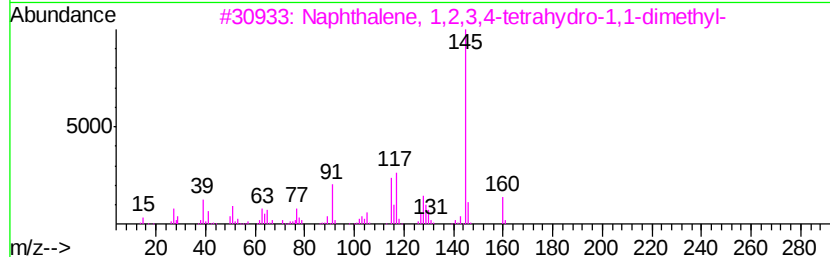
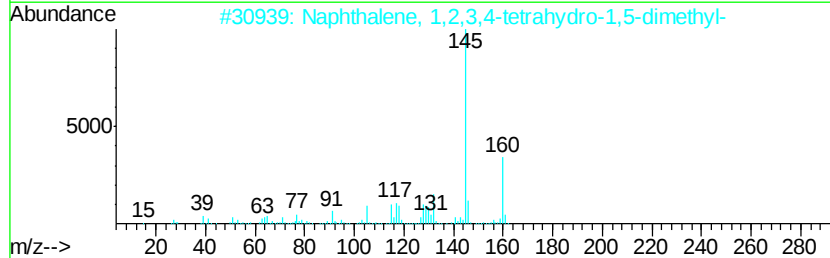
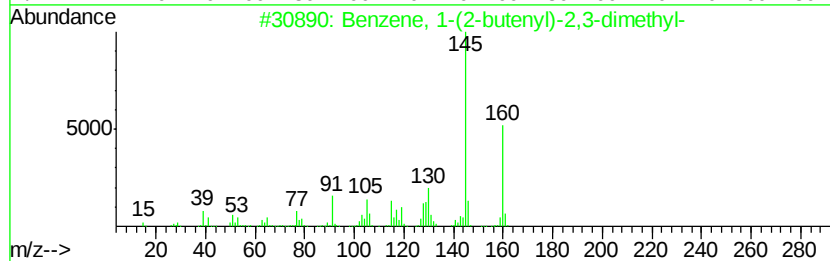
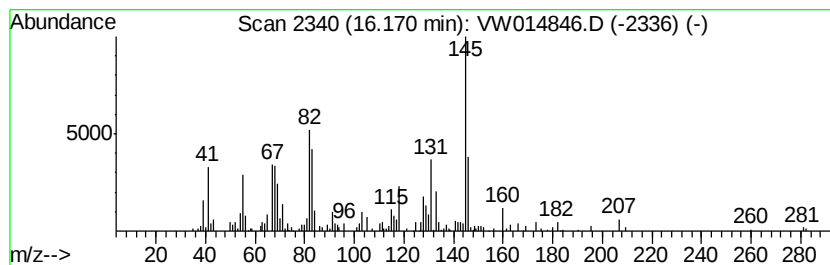
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	7.38 ug/L	95679	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	38
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	38
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	38
5		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

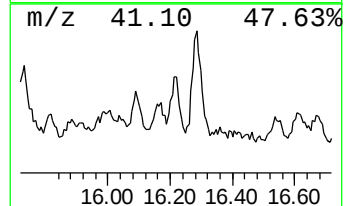
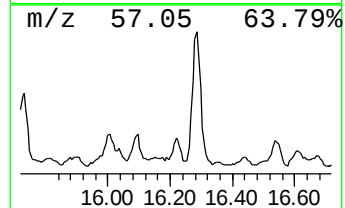
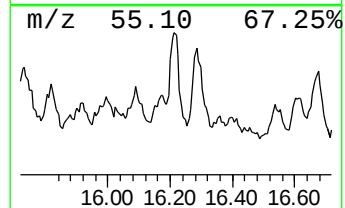
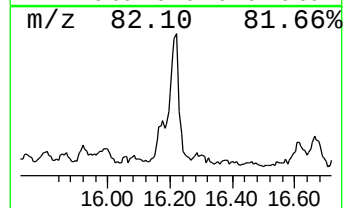
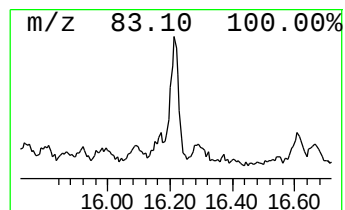
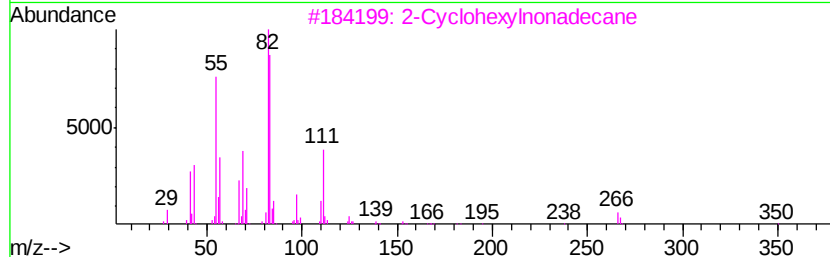
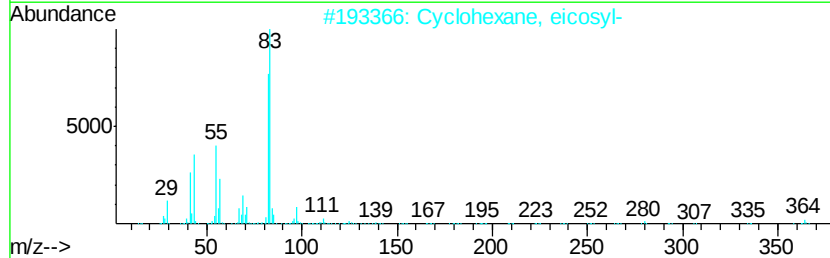
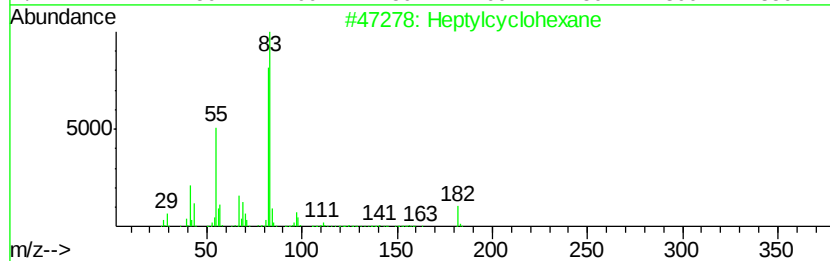
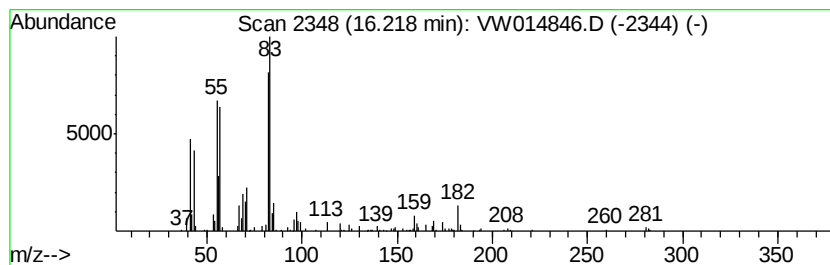
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic16.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	11.93 ug/L	154629	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	72
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
3		2-Cyclohexylnonadecane	350	C25H50	1000357-24-9	50
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

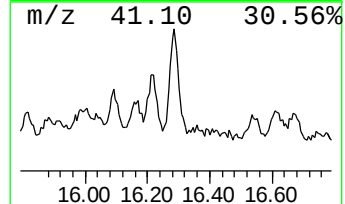
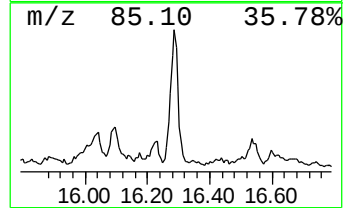
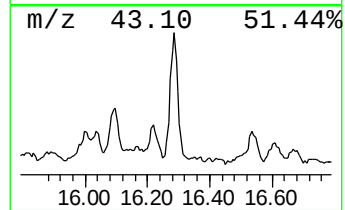
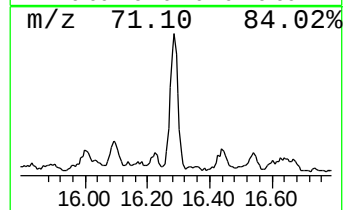
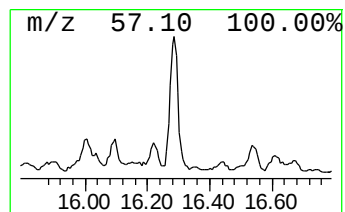
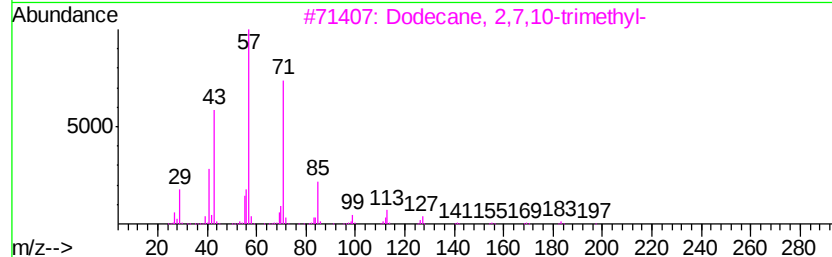
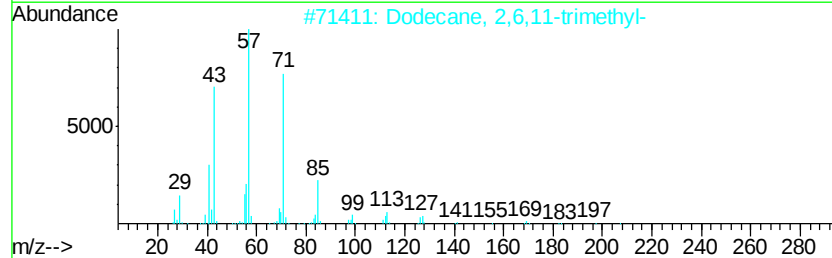
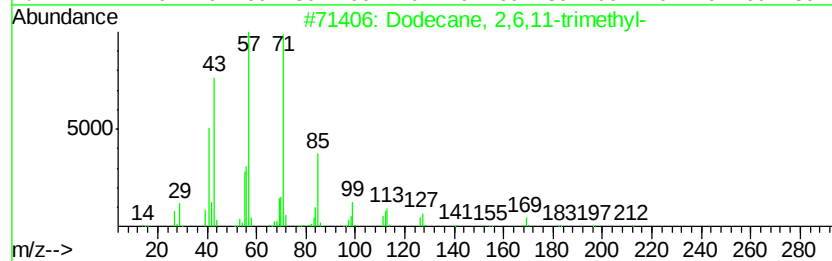
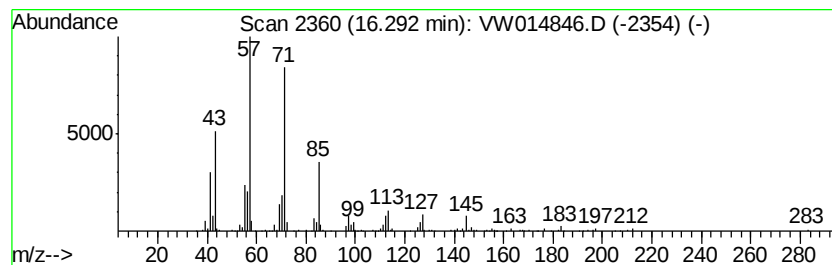
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	29.42 ug/L	381320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	94
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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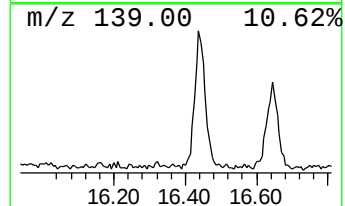
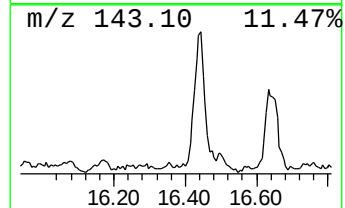
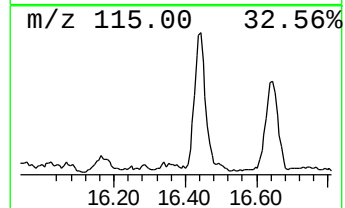
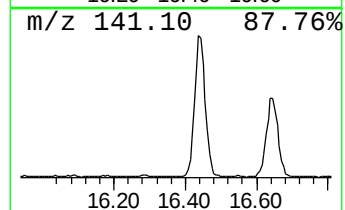
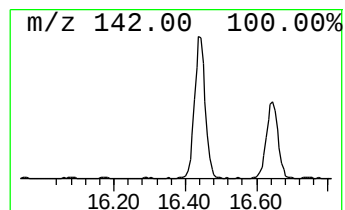
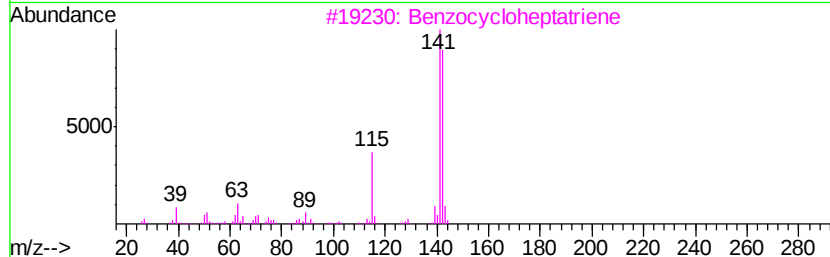
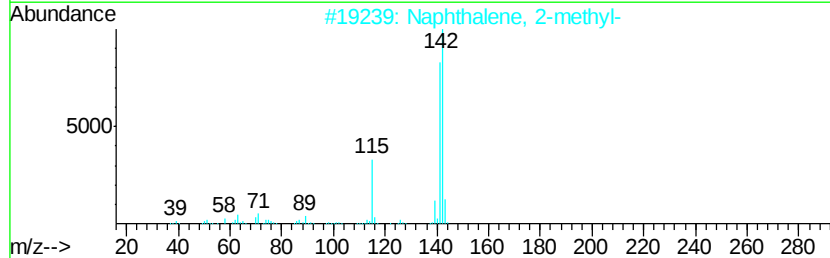
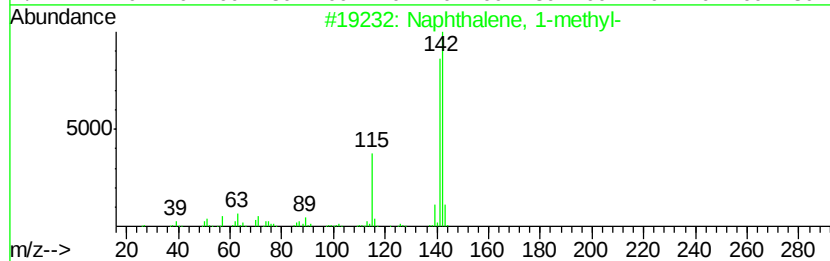
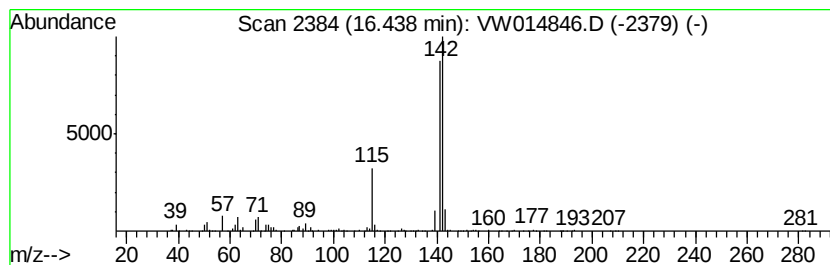
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Quant Title : VOC Analysis

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

Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	40.01 ug/L	518558	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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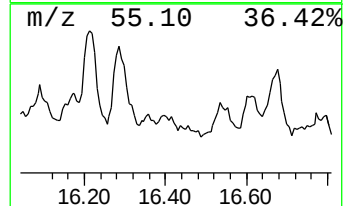
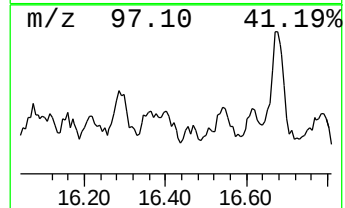
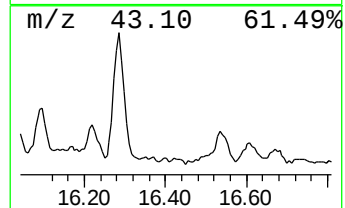
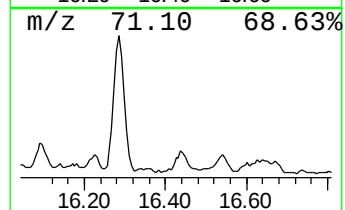
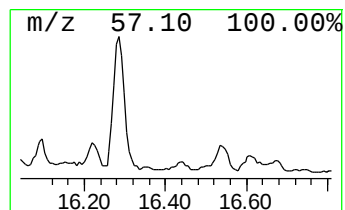
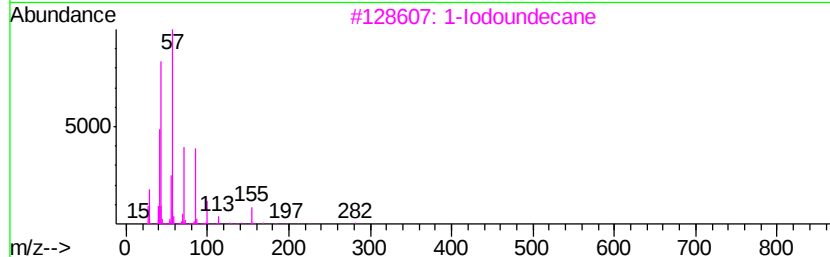
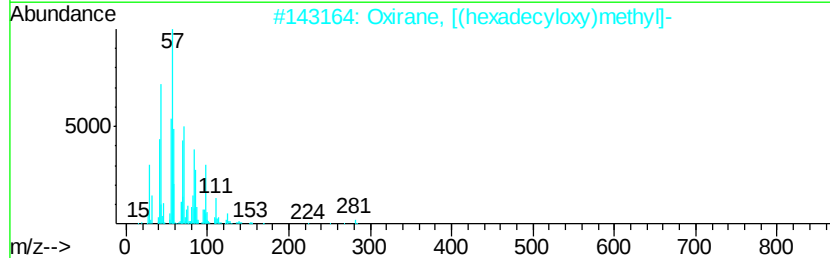
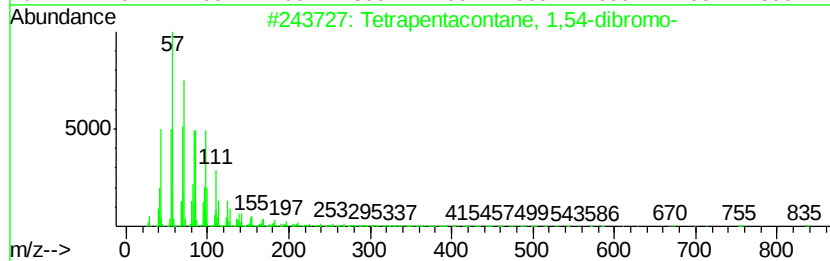
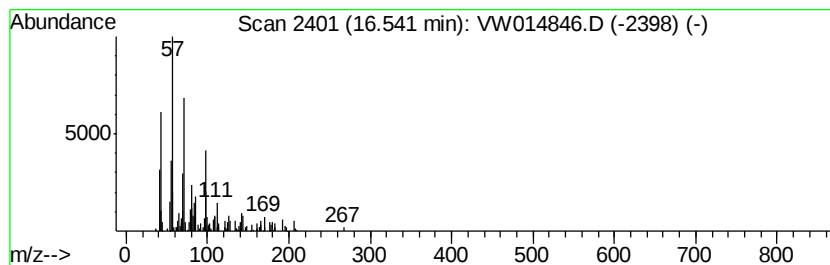
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 26 Tetrapentacontane, 1,54-dib... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	5.43 ug/L	70363	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	59
2		Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	50
3		1-Iodoundecane	282	C11H23I	004282-44-4	46
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	43
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
 Data File : VW014846.D
 Acq On : 03 Feb 2020 20:27
 Operator : SY/VA
 Sample : L1323-13
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.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
unknown-01	11.06	3.2	ug/L	56103	2	11.63	441003	25.0
Naphthalene, 1,6-...	13.30	43.9	ug/L	568547	3	13.56	324039	25.0
unknown-02	14.07	7.9	ug/L	102938	3	13.56	324039	25.0
Benzene, 2-ethyl-...	14.20	3.0	ug/L	38953	3	13.56	324039	25.0
Oxalic acid, decy...	14.35	4.5	ug/L	58167	3	13.56	324039	25.0
Naphthalene, deca...	14.38	13.8	ug/L	179034	3	13.56	324039	25.0
(DEL) Alkane: Str...	14.43	2.9	ug/L	37895	3	13.56	324039	25.0
Benzene, 1-ethyl-...	14.46	3.2	ug/L	41612	3	13.56	324039	25.0
9-Eicosyne	14.55	14.2	ug/L	184057	3	13.56	324039	25.0
unknown-03	14.74	3.8	ug/L	49773	3	13.56	324039	25.0
Benzene, 2-ethyl-...	14.79	22.0	ug/L	284960	3	13.56	324039	25.0
(DEL) Alkane: Str...	14.84	35.4	ug/L	458712	3	13.56	324039	25.0
1H-Indene-1,2-dio...	15.17	14.1	ug/L	182914	3	13.56	324039	25.0
Bacchotricuneatin c	15.32	38.7	ug/L	502149	3	13.56	324039	25.0
(DEL) Alkane: Cyc...	15.63	7.8	ug/L	100578	3	13.56	324039	25.0
(DEL) Alkane: Str...	15.73	16.7	ug/L	216088	3	13.56	324039	25.0
unknown-04	16.17	7.4	ug/L	95679	3	13.56	324039	25.0
(DEL) Alkane: Cyc...	16.22	11.9	ug/L	154629	3	13.56	324039	25.0
(DEL) Alkane: Str...	16.29	29.4	ug/L	381320	3	13.56	324039	25.0
Naphthalene, 1-me...	16.44	40.0	ug/L	518558	3	13.56	324039	25.0
Tetrapentacontane...	16.54	5.4	ug/L	70363	3	13.56	324039	25.0