

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014847.D
 Acq On : 03 Feb 2020 20:53
 Operator : SY/VA
 Sample : L1323-14
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT52

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	2.349	69	73	79	rBV2	41377	66505	1.01%	0.296%
2	2.885	156	161	168	rVB	41341	82698	1.26%	0.369%
3	3.342	234	236	240	rVB4	1678	1722	0.03%	0.008%
4	3.477	254	258	260	rBV5	1401	1745	0.03%	0.008%
5	3.684	290	292	295	rBV3	1160	1417	0.02%	0.006%
6	3.806	310	312	315	rVB3	1179	1064	0.02%	0.005%
7	3.848	317	319	320	rVB2	1221	682	0.01%	0.003%
8	3.861	320	321	323	rVB2	1299	826	0.01%	0.004%
9	4.007	334	345	357	rVB	84992	229764	3.50%	1.024%
10	4.123	358	364	365	rBV2	5222	6945	0.11%	0.031%
11	4.239	379	383	384	rVB2	999	1002	0.02%	0.004%
12	4.257	384	386	388	rBV3	627	742	0.01%	0.003%
13	4.391	402	408	411	rBV7	1385	3094	0.05%	0.014%
14	4.422	411	413	415	rVB3	1015	805	0.01%	0.004%
15	4.513	425	428	431	rVB4	912	1178	0.02%	0.005%
16	4.543	431	433	436	rBV4	559	653	0.01%	0.003%
17	4.611	441	444	449	rBV5	972	1602	0.02%	0.007%
18	4.653	449	451	453	rVB2	746	655	0.01%	0.003%
19	4.720	459	462	465	rVB4	804	925	0.01%	0.004%
20	4.751	465	467	469	rBV2	679	636	0.01%	0.003%
21	4.769	469	470	474	rVV3	586	595	0.01%	0.003%
22	4.915	481	494	507	rVB2	17521	52107	0.79%	0.232%
23	5.001	507	508	512	rBV3	569	699	0.01%	0.003%
24	5.129	526	529	530	rBV2	1124	1200	0.02%	0.005%
25	5.379	565	570	571	rBV3	846	1066	0.02%	0.005%
26	5.476	584	586	589	rBV2	724	780	0.01%	0.003%
27	5.525	592	594	598	rVB2	674	836	0.01%	0.004%
28	5.568	598	601	603	rVB3	681	875	0.01%	0.004%
29	5.720	625	626	629	rBV3	690	718	0.01%	0.003%
30	5.751	629	631	633	rBV3	672	769	0.01%	0.003%
31	5.787	636	637	642	rVB4	1233	1125	0.02%	0.005%
32	5.927	655	660	661	rBV3	2721	4089	0.06%	0.018%
33	6.031	673	677	681	rBV4	754	1064	0.02%	0.005%
34	6.068	681	683	688	rVB3	805	1202	0.02%	0.005%

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 Title : VOC Analysis

35	6.116	688	691	692	rBV4	607	763	0.01%	0.003%
36	6.135	692	694	698	rVB3	842	625	0.01%	0.003%
37	6.190	700	703	704	rBV2	819	827	0.01%	0.004%
38	6.299	720	721	723	rVB	1238	625	0.01%	0.003%
39	6.318	723	724	726	rBV	1005	641	0.01%	0.003%
40	6.348	728	729	732	rBV2	819	768	0.01%	0.003%
41	6.610	769	772	775	rBV3	627	852	0.01%	0.004%
42	6.641	775	777	779	rVB2	734	636	0.01%	0.003%
43	6.683	782	784	787	rBV3	435	598	0.01%	0.003%
44	6.720	787	790	794	rVB4	804	1098	0.02%	0.005%
45	6.854	811	812	816	rBV4	995	1464	0.02%	0.007%
46	6.897	816	819	821	rBV3	1043	1171	0.02%	0.005%
47	6.945	825	827	828	rVB2	1144	650	0.01%	0.003%
48	7.080	838	849	852	rBV2	40117	97756	1.49%	0.436%
49	7.134	853	858	871	rVV2	88921	251855	3.83%	1.122%
50	7.232	871	874	875	rVV3	2784	3399	0.05%	0.015%
51	7.256	875	878	887	rVB3	5232	11862	0.18%	0.053%
52	7.415	903	904	907	rBV3	476	644	0.01%	0.003%
53	7.519	919	921	922	rVB	912	638	0.01%	0.003%
54	7.531	922	923	926	rBV3	767	811	0.01%	0.004%
55	7.647	932	942	953	rVB	132854	322939	4.91%	1.439%
56	7.738	955	957	962	rVB4	1183	1456	0.02%	0.006%
57	7.781	962	964	966	rBV3	700	887	0.01%	0.004%
58	7.897	981	983	987	rVB2	655	752	0.01%	0.003%
59	7.933	987	989	990	rBV2	1186	1029	0.02%	0.005%
60	7.951	990	992	996	rVB4	626	926	0.01%	0.004%
61	8.031	1003	1005	1008	rBV	936	1217	0.02%	0.005%
62	8.055	1008	1009	1012	rBV2	864	760	0.01%	0.003%
63	8.079	1012	1013	1016	rVB2	764	644	0.01%	0.003%
64	8.122	1018	1020	1023	rBV3	971	989	0.02%	0.004%
65	8.274	1031	1045	1061	rBV2	261151	839072	12.77%	3.739%
66	8.488	1078	1080	1086	rVB6	1420	1868	0.03%	0.008%
67	8.543	1086	1089	1091	rBV4	820	1066	0.02%	0.005%
68	8.604	1098	1099	1101	rBV2	920	713	0.01%	0.003%
69	8.841	1128	1138	1147	rBV	216934	438546	6.67%	1.954%
70	8.970	1156	1159	1161	rBV2	1013	1312	0.02%	0.006%
71	9.043	1168	1171	1172	rBV3	1327	1768	0.03%	0.008%

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72	9.146	1185	1188	1191	rBV4	780	1006	0.02%	0.004%
73	9.274	1200	1209	1219	rBV	200569	407229	6.20%	1.815%
74	9.427	1229	1234	1235	rBV5	1506	2170	0.03%	0.010%
75	9.500	1244	1246	1248	rBV3	973	1053	0.02%	0.005%
76	9.671	1270	1274	1277	rVB6	2271	3872	0.06%	0.017%
77	10.036	1327	1334	1344	rBV	94946	174023	2.65%	0.776%
78	10.207	1358	1362	1366	rBV7	5343	8842	0.13%	0.039%
79	10.323	1374	1381	1388	rBV	341577	595464	9.06%	2.654%
80	10.384	1388	1391	1398	rVB	6966	12697	0.19%	0.057%
81	10.579	1417	1423	1431	rBV	64675	112061	1.71%	0.499%
82	10.701	1436	1443	1451	rBV	59809	114923	1.75%	0.512%
83	10.920	1474	1479	1490	rBV	136721	249693	3.80%	1.113%
84	11.061	1498	1502	1514	rVB	55602	98486	1.50%	0.439%
85	11.439	1560	1564	1570	rVB3	25166	44140	0.67%	0.197%
86	11.628	1589	1595	1605	rVB	336715	578149	8.80%	2.577%
87	12.603	1750	1755	1763	rBV	96505	169598	2.58%	0.756%
88	12.688	1764	1769	1777	rVB	198251	323664	4.92%	1.442%
89	13.292	1866	1868	1875	rVB3	36003	57179	0.87%	0.255%
90	13.554	1906	1911	1920	rVB	319644	519851	7.91%	2.317%
91	13.853	1954	1960	1967	rBV	349594	619249	9.42%	2.760%
92	13.938	1969	1974	1984	rVB	110765	207528	3.16%	0.925%
93	14.066	1991	1995	2003	rVB	49939	97521	1.48%	0.435%
94	14.792	2110	2114	2118	rBV3	81704	137453	2.09%	0.613%
95	14.840	2119	2122	2124	rBV	66799	91942	1.40%	0.410%
96	14.950	2136	2140	2147	rVB	193556	334909	5.10%	1.493%
97	15.365	2197	2208	2216	rBV	3724341	6572182	100.00%	29.290%
98	16.285	2356	2359	2366	rVB3	72701	122861	1.87%	0.548%
99	16.438	2377	2384	2397	rVB	2734249	5740891	87.35%	25.585%
100	16.645	2410	2418	2428	rVB	1156922	2574321	39.17%	11.473%

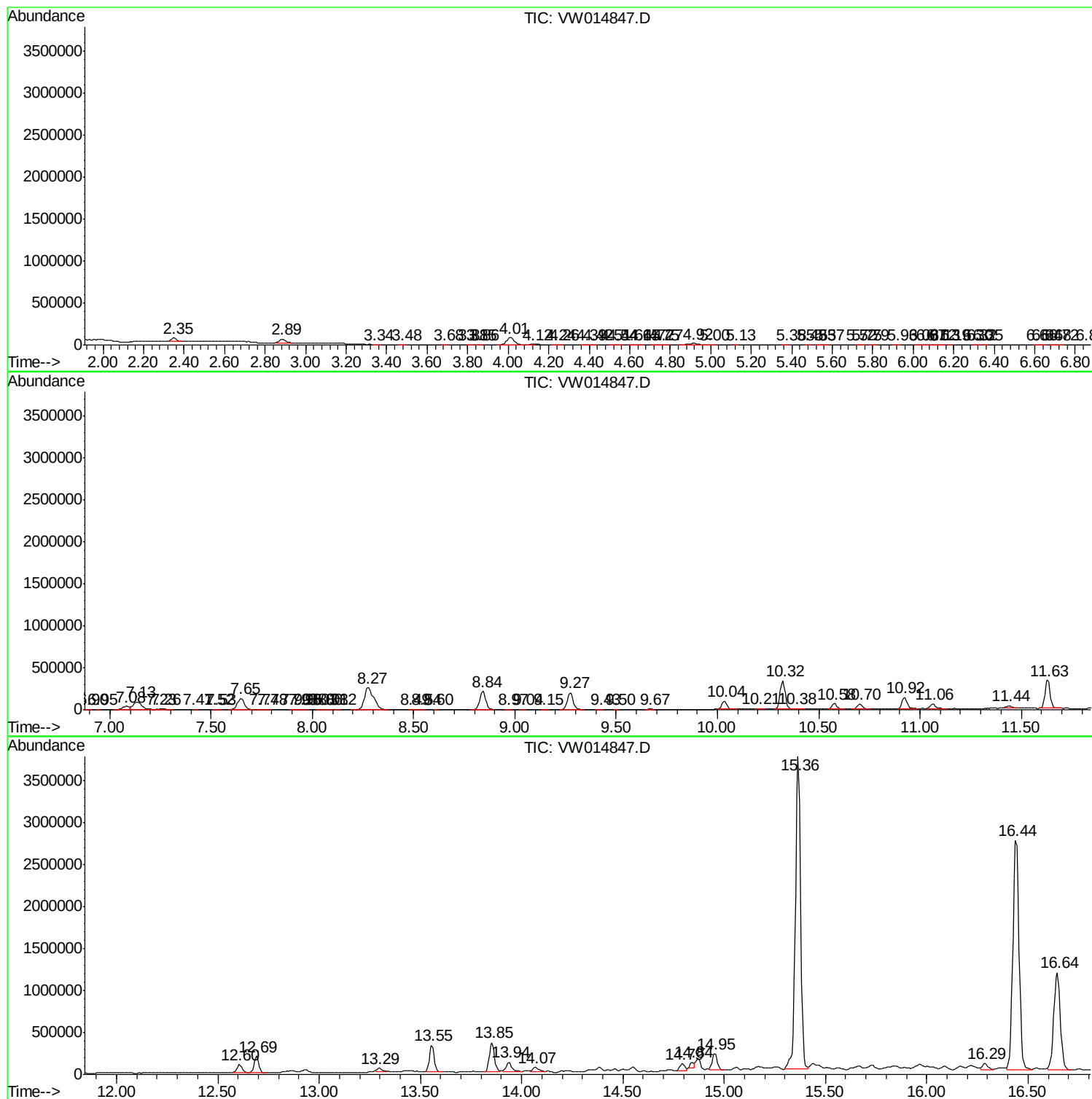
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



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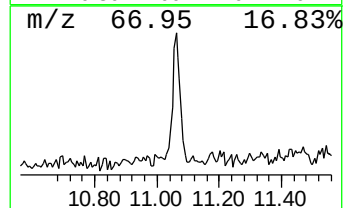
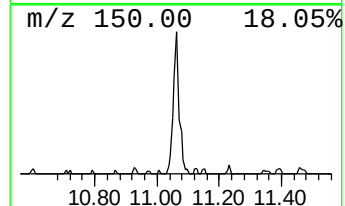
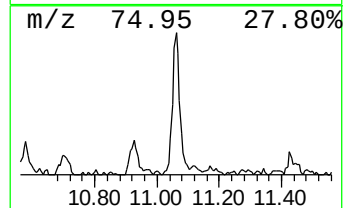
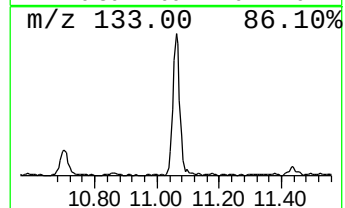
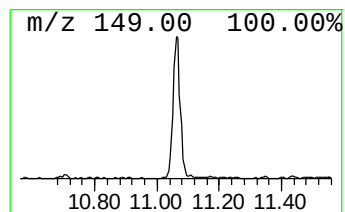
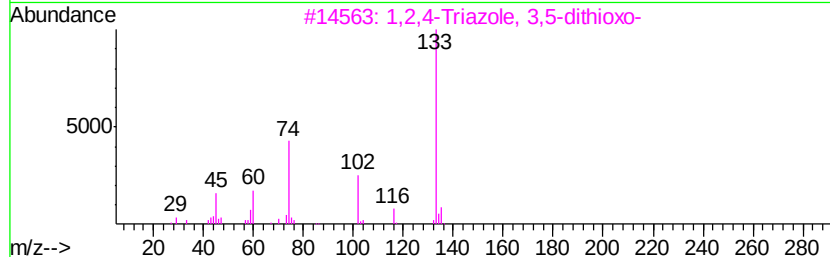
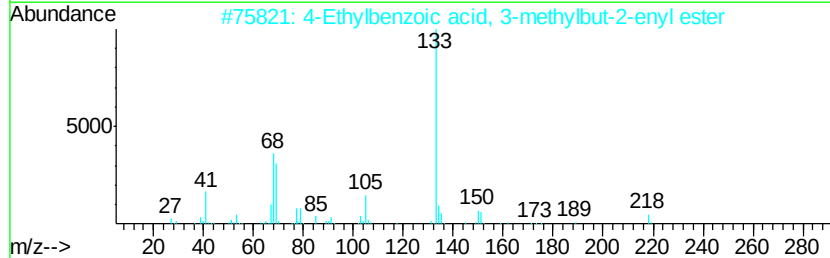
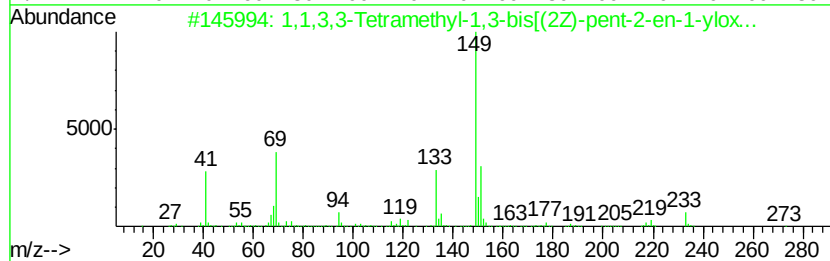
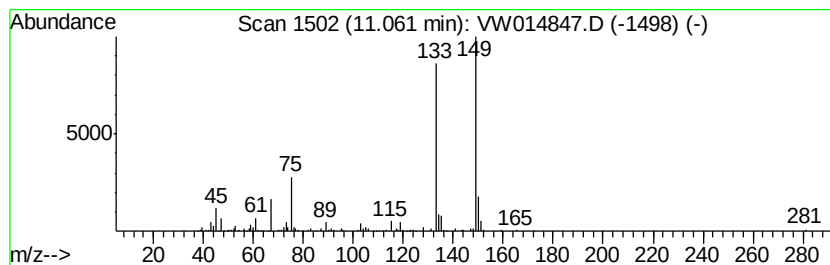
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	4.26 ug/L	98486	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,3,3-Tetramethyl-1,3-bis[(2Z)...	302	C14H30O3Si2	1000352-70-7	37
2		4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	35
3		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
4		Furazan-3-carboxylic acid, 4-am...	275	C13H13N3O4	296244-74-1	27
5		Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27



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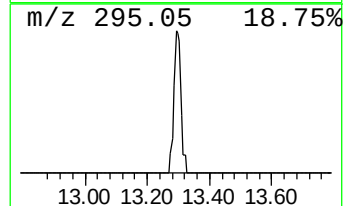
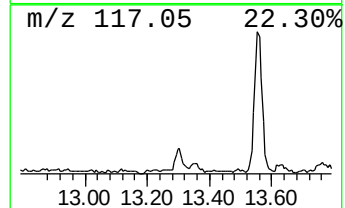
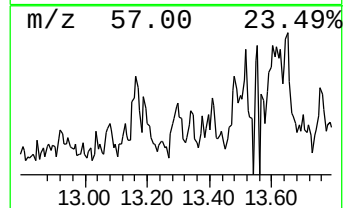
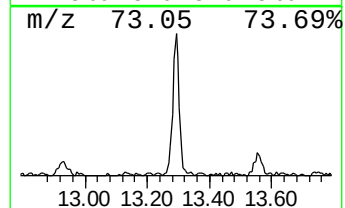
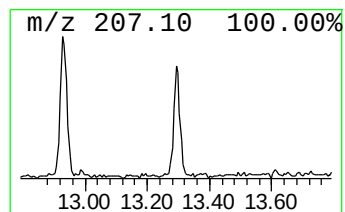
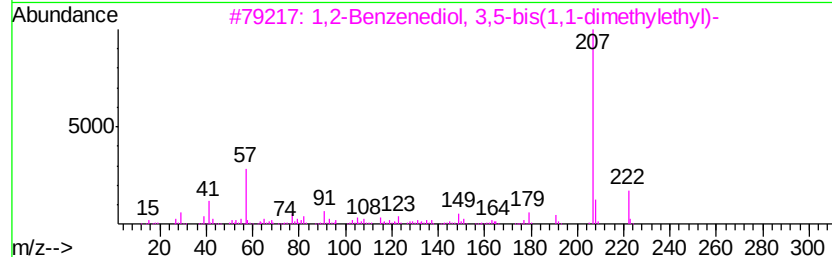
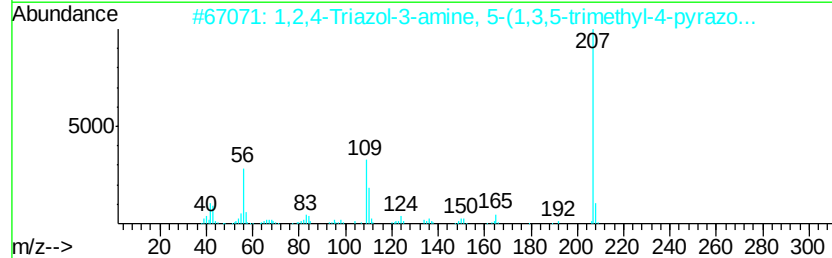
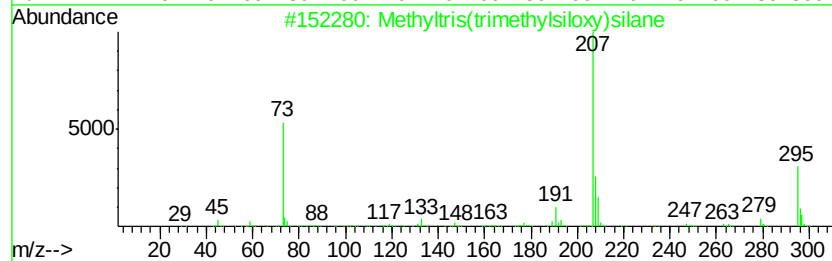
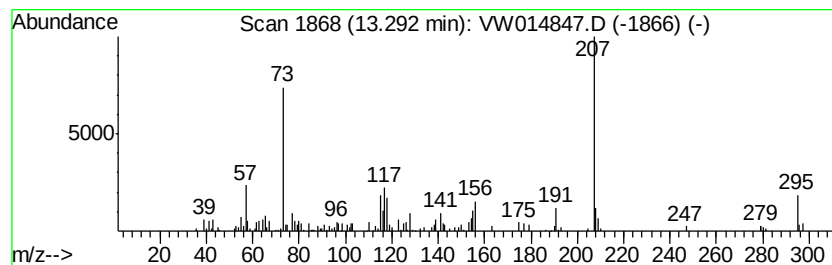
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 7 Methyltris(trimethylsiloxy)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.75 ug/L	57179	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	53
2		1,2,4-Triazol-3-amine, 5-(1,3,5-...	207	C8H13N7	1000264-16-7	43
3		1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	43
4		Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	42
5		2-Ethylacridine	207	C15H13N	055751-83-2	37



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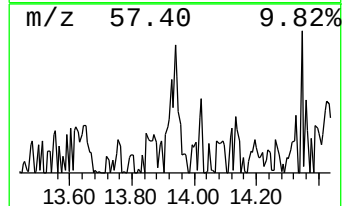
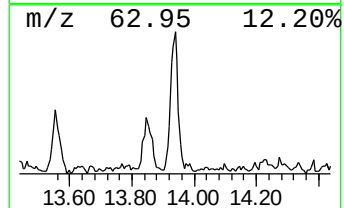
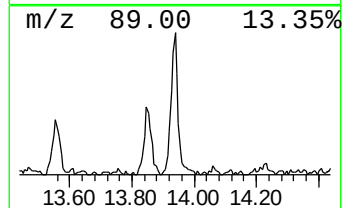
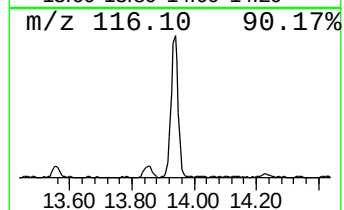
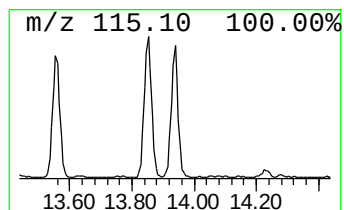
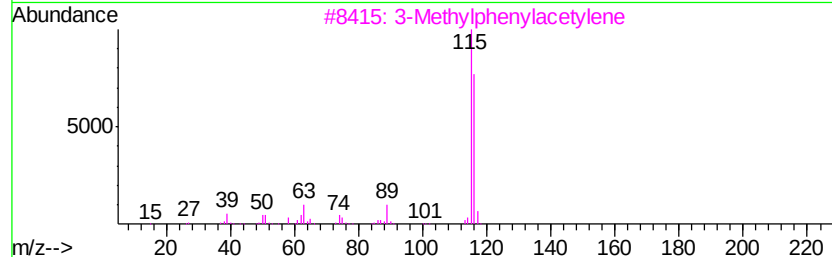
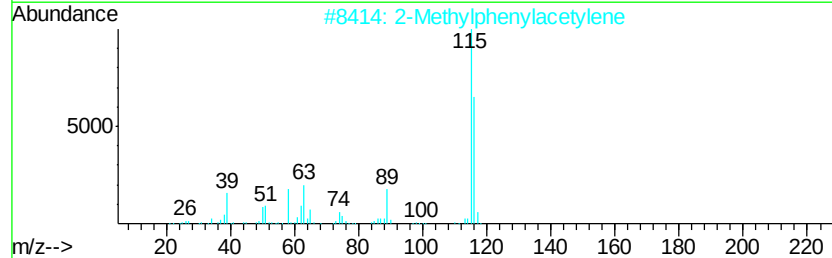
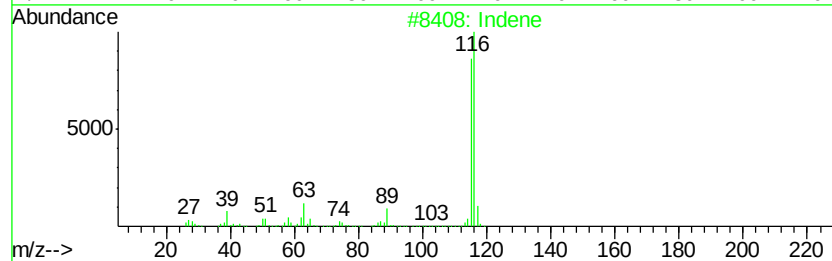
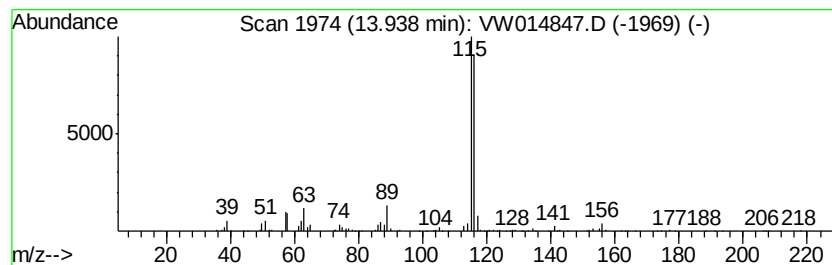
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	9.98 ug/L	207528	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indene	116 C9H8	000095-13-6	93
2	2-Methylphenylacetylene	116 C9H8	000766-47-2	91
3	3-Methylphenylacetylene	116 C9H8	000766-82-5	90
4	Benzene, 1-propynyl-	116 C9H8	000673-32-5	90
5	Benzene, 1-propynyl-	116 C9H8	000673-32-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

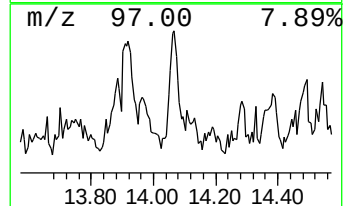
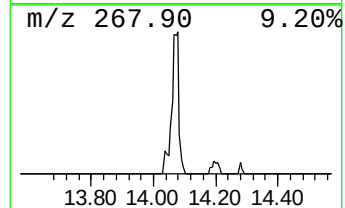
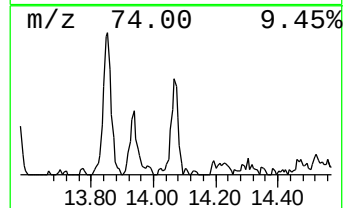
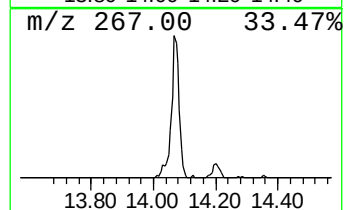
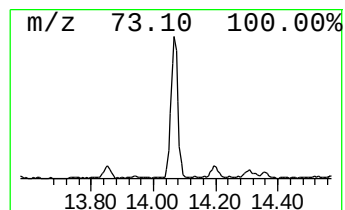
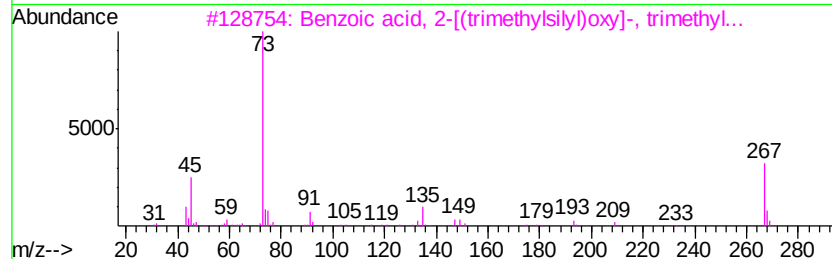
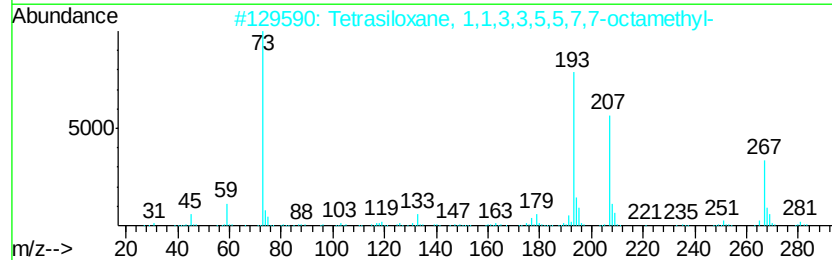
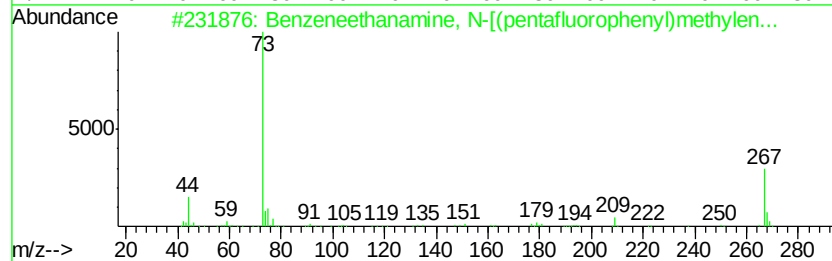
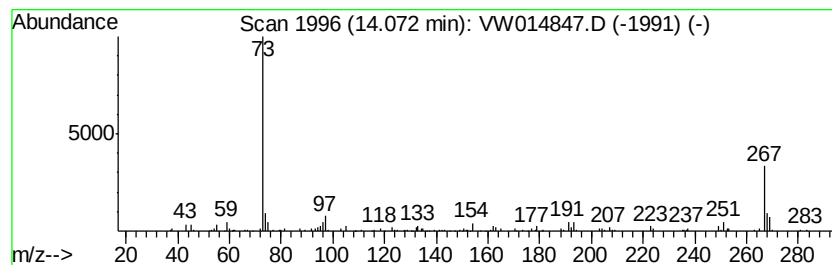
Instrument :
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ClientSampleId :
GAT52

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 9 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.69 ug/L	97521	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenethanamine, N-[(pentafluoro...	475 C21H26F5N02Si2	055429-85-1 40
2		Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282 C8H26O3Si4	001000-05-1 36
3		Benzoic acid, 2-[(trimethylsilyl...	282 C13H22O3Si2	003789-85-3 28
4		Benzoic acid, 2-[(trimethylsilyl...	282 C13H22O3Si2	003789-85-3 28
5		Benzoic acid, 2-[(trimethylsilyl...	282 C13H22O3Si2	003789-85-3 28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT52

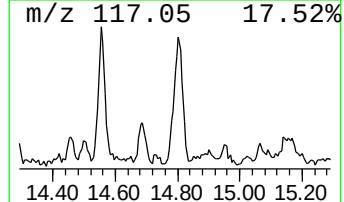
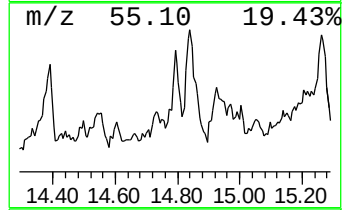
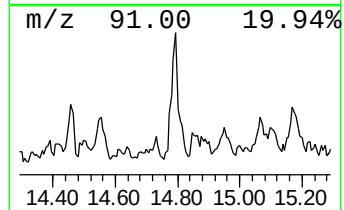
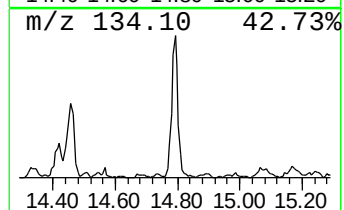
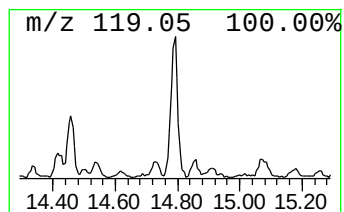
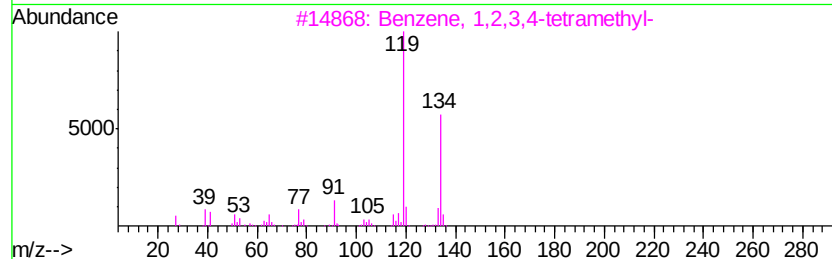
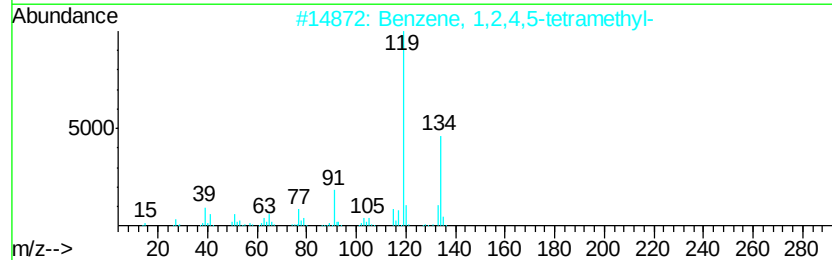
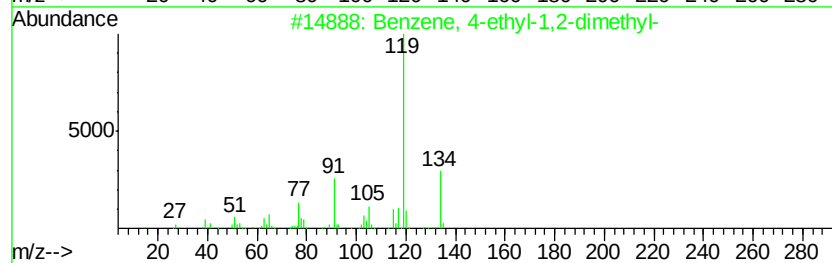
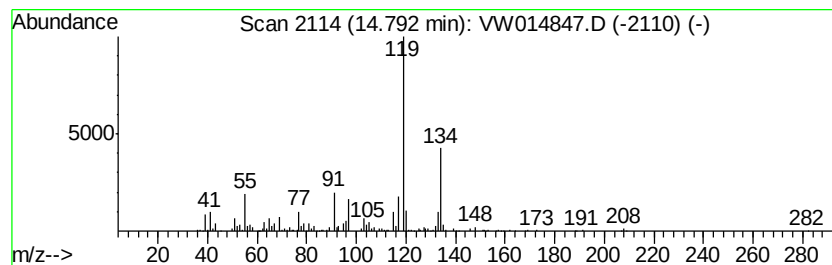
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	6.61 ug/L	137453	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT52

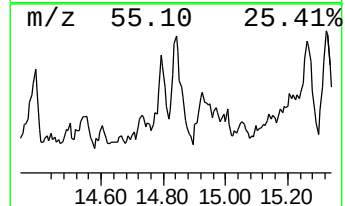
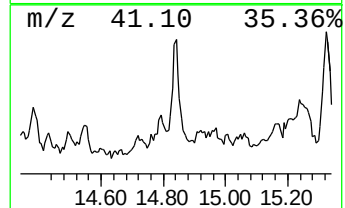
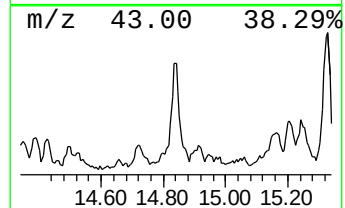
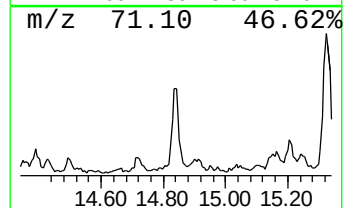
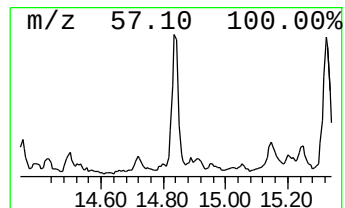
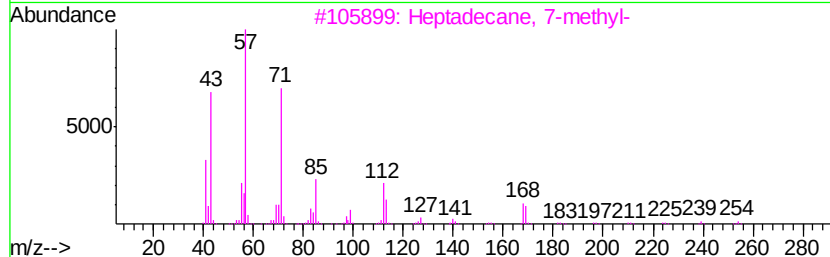
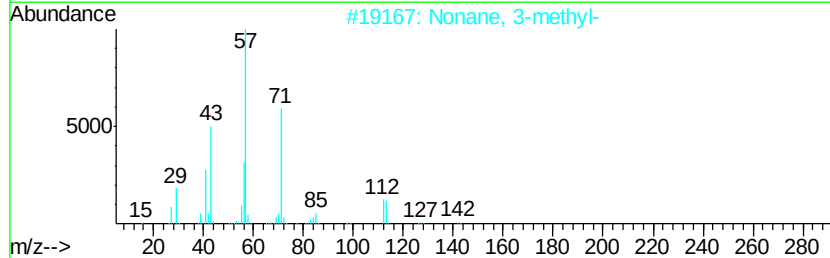
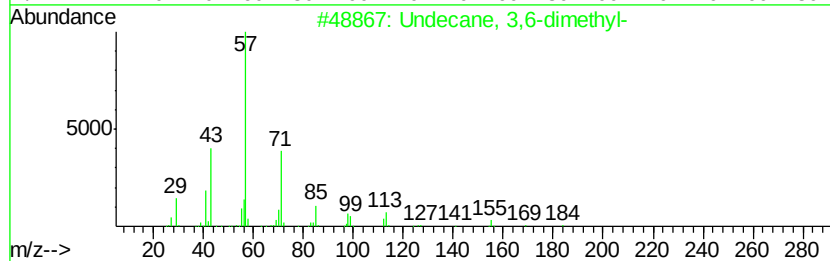
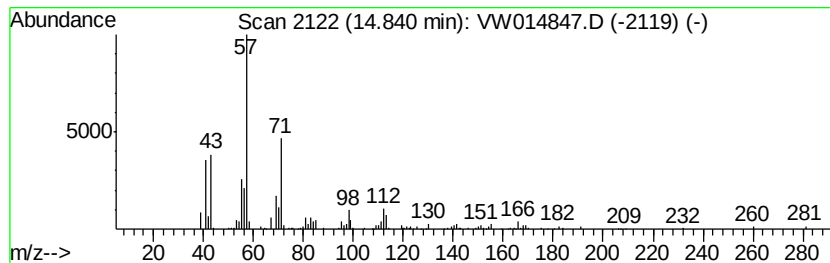
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.42 ug/L	91942	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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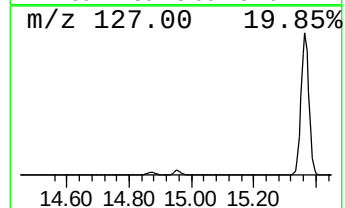
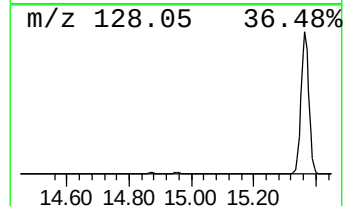
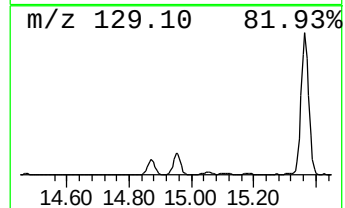
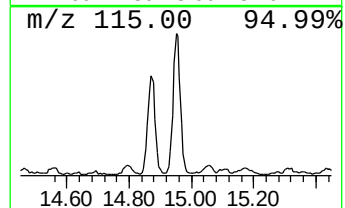
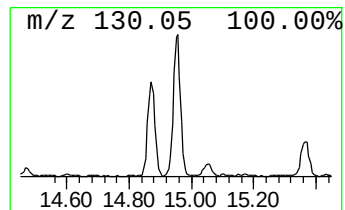
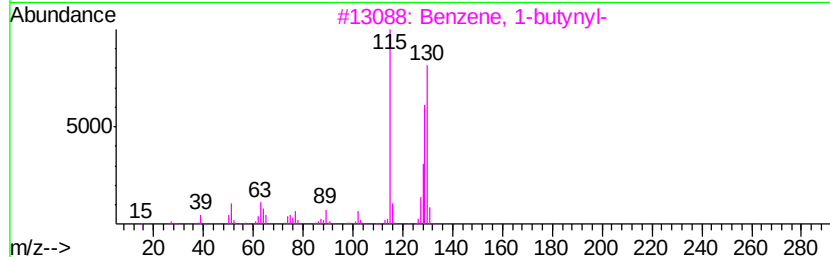
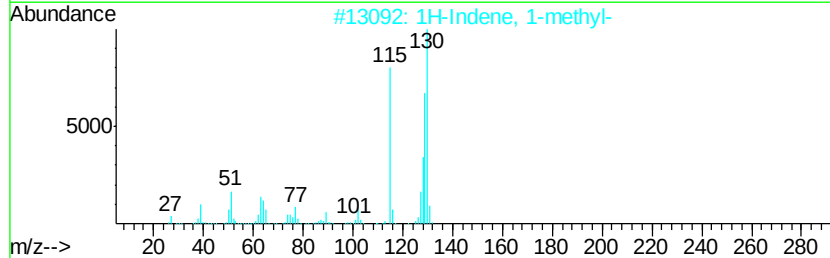
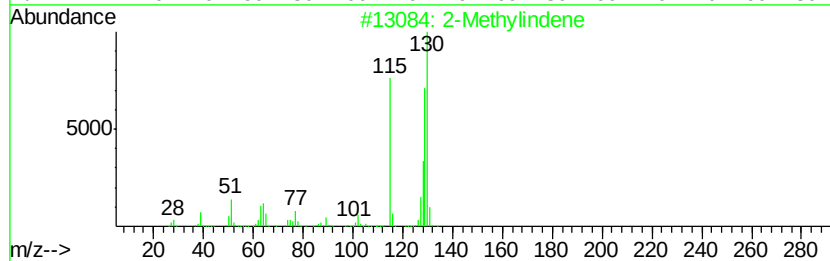
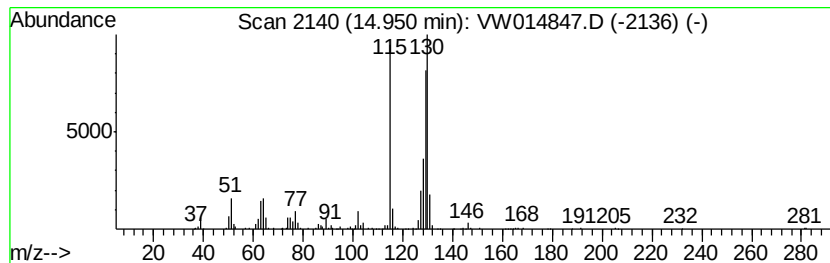
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Quant Title : VOC Analysis

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

Peak Number 12 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	16.11 ug/L	334909	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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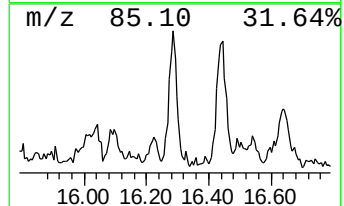
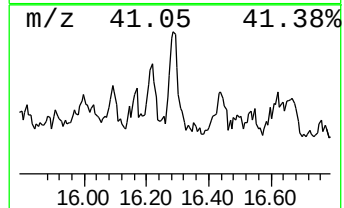
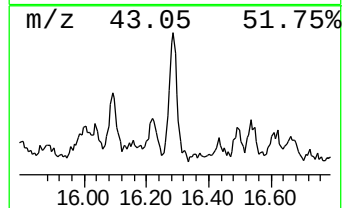
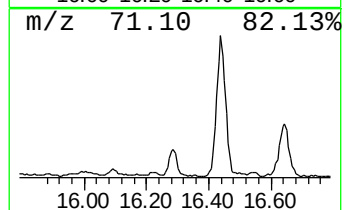
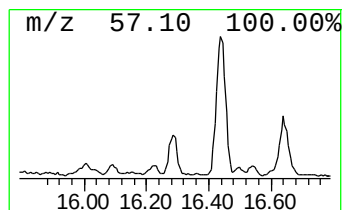
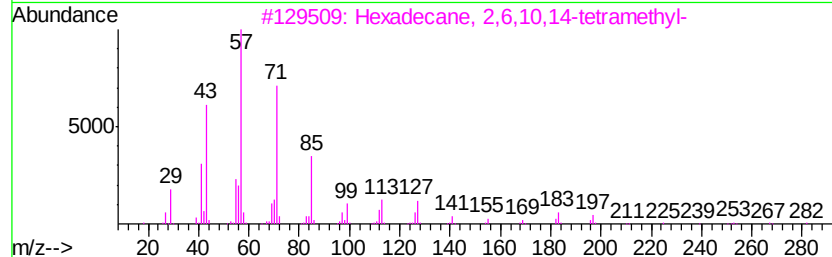
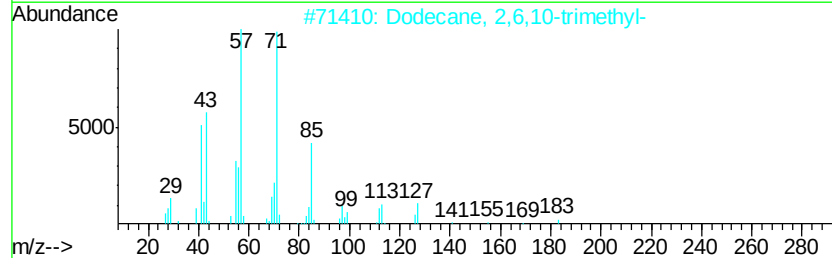
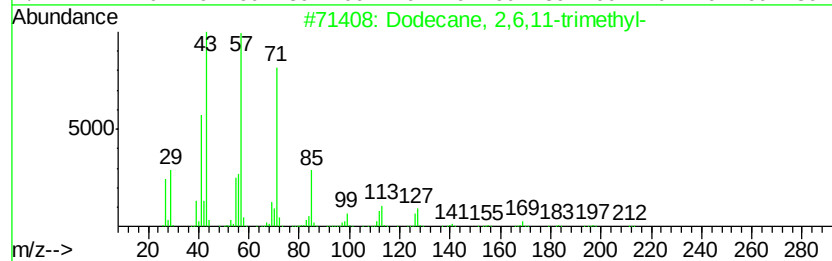
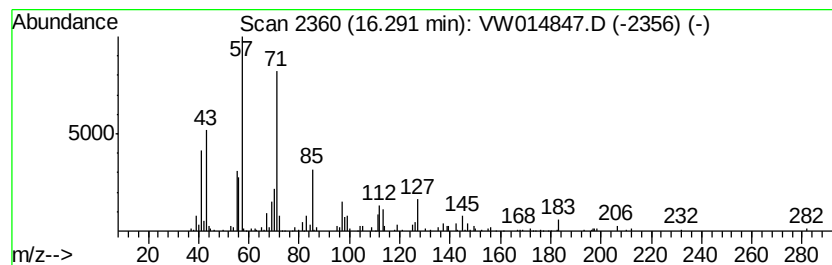
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	5.91 ug/L	122861	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	87
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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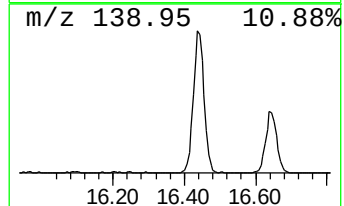
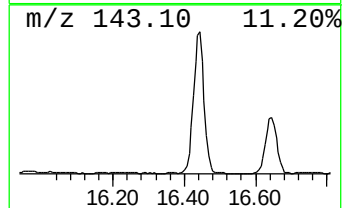
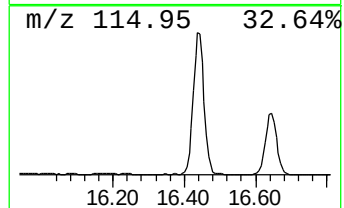
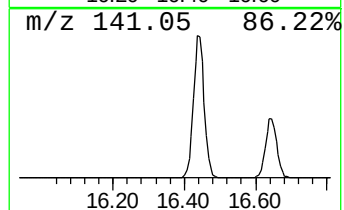
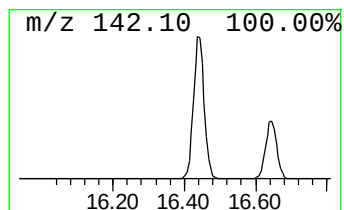
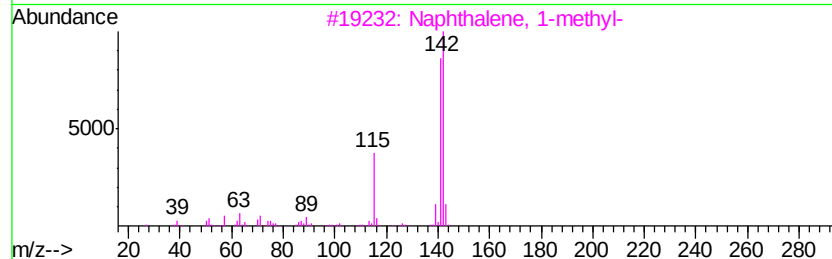
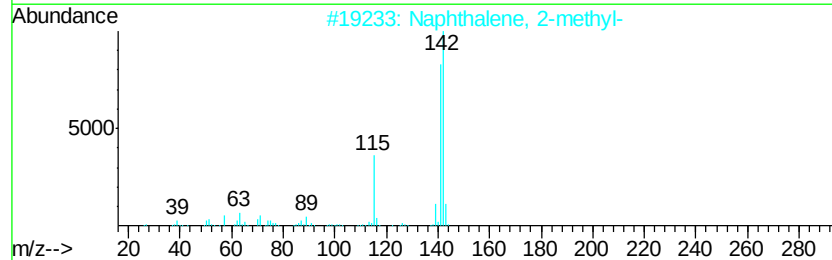
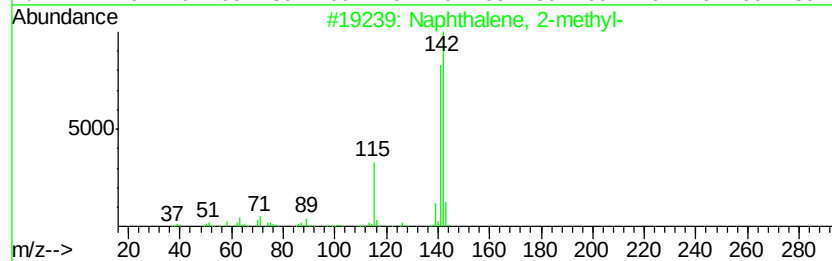
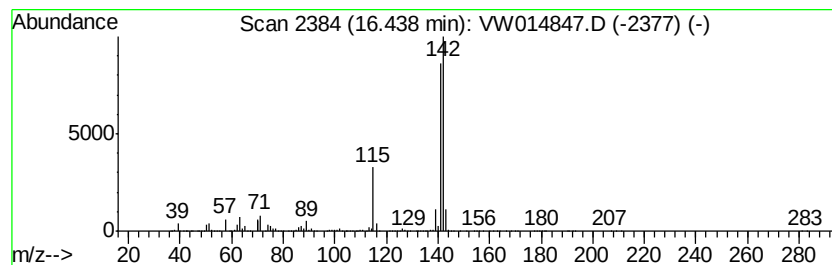
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	276.08 ug/L	5740890	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT52

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	4.3	ug/L	98486	2	11.63	578149	25.0
Methyltris(trimet...	13.29	2.8	ug/L	57179	3	13.55	519851	25.0
Indene	13.94	10.0	ug/L	207528	3	13.55	519851	25.0
unknown-02	14.07	4.7	ug/L	97521	3	13.55	519851	25.0
Benzene, 4-ethyl-...	14.79	6.6	ug/L	137453	3	13.55	519851	25.0
(DEL) Alkane: Str...	14.84	4.4	ug/L	91942	3	13.55	519851	25.0
2-Methylindene	14.95	16.1	ug/L	334909	3	13.55	519851	25.0
(DEL) Alkane: Str...	16.29	5.9	ug/L	122861	3	13.55	519851	25.0
Naphthalene, 1-me...	16.44	276.1	ug/L	5740890	3	13.55	519851	25.0