

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006967.D
 Acq On : 06 Dec 2021 17:41
 Operator : SY/MD
 Sample : M4887-12
 Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.040	34	36	39	rBV3	628	761	0.00%	0.002%
2	2.156	53	55	60	rBV3	757	1249	0.00%	0.004%
3	2.241	61	69	80	rVV	40394	72477	0.22%	0.206%
4	2.686	136	142	148	rBV	12931	27063	0.08%	0.077%
5	2.766	149	155	169	rVB2	22683	58107	0.18%	0.166%
6	2.900	174	177	178	rBV3	985	1062	0.00%	0.003%
7	3.247	232	234	236	rBV3	455	537	0.00%	0.002%
8	3.363	248	253	255	rBV3	300	405	0.00%	0.001%
9	3.723	309	312	314	rBV2	278	308	0.00%	0.001%
10	3.851	322	333	355	rBV2	34915	119287	0.37%	0.340%
11	4.192	378	389	400	rBV3	2183	6382	0.02%	0.018%
12	4.473	429	435	437	rBV4	771	1532	0.00%	0.004%
13	4.710	460	474	487	rVB3	7168	25347	0.08%	0.072%
14	4.905	504	506	508	rBV2	423	378	0.00%	0.001%
15	5.210	549	556	568	rBV4	1229	3682	0.01%	0.010%
16	5.448	591	595	596	rBV2	334	449	0.00%	0.001%
17	5.564	612	614	620	rBV3	265	568	0.00%	0.002%
18	5.735	636	642	652	rVB8	1574	4525	0.01%	0.013%
19	6.039	687	692	693	rBV	229	379	0.00%	0.001%
20	6.161	710	712	716	rVB	256	377	0.00%	0.001%
21	6.204	716	719	721	rBV	295	376	0.00%	0.001%
22	6.454	757	760	762	rBV2	279	357	0.00%	0.001%
23	6.759	807	810	813	rBV3	334	485	0.00%	0.001%
24	6.783	813	814	819	rVB3	416	449	0.00%	0.001%
25	6.881	822	830	837	rBV2	5387	16370	0.05%	0.047%
26	6.978	838	846	858	rVB3	18596	55444	0.17%	0.158%
27	7.253	889	891	894	rVB2	333	319	0.00%	0.001%
28	7.472	916	927	941	rVB	50195	131551	0.40%	0.375%
29	7.899	993	997	998	rVB2	267	326	0.00%	0.001%
30	8.106	1021	1031	1046	rBV3	110071	327442	1.00%	0.933%
31	8.234	1048	1052	1059	rVB3	862	1737	0.01%	0.005%
32	8.551	1100	1104	1107	rBV3	480	765	0.00%	0.002%
33	8.685	1118	1126	1136	rBV	101230	199425	0.61%	0.568%
34	8.935	1157	1167	1182	rBV	19442128	32670447	100.00%	93.075%
35	9.118	1190	1197	1205	rVV2	59646	117726	0.36%	0.335%
36	9.179	1205	1207	1212	rVB3	1446	1621	0.00%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
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37	9.271	1220	1222	1229	rVB3	339	595	0.00%	0.002%
38	9.886	1316	1323	1330	rBV	20459	35994	0.11%	0.103%
39	10.069	1348	1353	1357	rVB3	1220	1761	0.01%	0.005%
40	10.179	1363	1371	1377	rVV	81502	142569	0.44%	0.406%
41	10.246	1377	1382	1389	rVB2	3281	6029	0.02%	0.017%
42	10.435	1406	1413	1419	rBV2	11732	19678	0.06%	0.056%
43	10.520	1423	1427	1429	rBV3	316	466	0.00%	0.001%
44	10.575	1430	1436	1441	rBV2	10134	17781	0.05%	0.051%
45	10.642	1441	1447	1453	rVV	110677	179795	0.55%	0.512%
46	10.715	1453	1459	1466	rVV	122735	205793	0.63%	0.586%
47	10.789	1466	1471	1481	rVB3	17825	41225	0.13%	0.117%
48	10.941	1491	1496	1503	rBV	13575	22400	0.07%	0.064%
49	11.045	1511	1513	1517	rVB2	549	544	0.00%	0.002%
50	11.270	1546	1550	1552	rBV2	372	433	0.00%	0.001%
51	11.313	1552	1557	1563	rVB2	9613	16084	0.05%	0.046%
52	11.490	1578	1586	1592	rVV	71321	118835	0.36%	0.339%
53	11.532	1592	1593	1598	rVV2	315	395	0.00%	0.001%
54	11.581	1598	1601	1608	rVB4	1280	2318	0.01%	0.007%
55	11.691	1615	1619	1625	rBV2	3662	6998	0.02%	0.020%
56	11.849	1643	1645	1649	rVB3	403	519	0.00%	0.001%
57	11.898	1649	1653	1657	rBB2	325	355	0.00%	0.001%
58	12.020	1668	1673	1681	rVB2	10897	17512	0.05%	0.050%
59	12.239	1706	1709	1710	rBV2	375	343	0.00%	0.001%
60	12.331	1718	1724	1731	rVB3	4557	6991	0.02%	0.020%
61	12.489	1741	1750	1756	rBV	40140	68263	0.21%	0.194%
62	12.556	1756	1761	1768	rVB	37500	60313	0.18%	0.172%
63	12.617	1768	1771	1774	rBV4	620	1034	0.00%	0.003%
64	12.752	1791	1793	1794	rVV2	445	345	0.00%	0.001%
65	12.770	1794	1796	1798	rVV2	616	684	0.00%	0.002%
66	12.819	1798	1804	1810	rVB4	5988	11227	0.03%	0.032%
67	12.941	1821	1824	1825	rBV2	343	351	0.00%	0.001%
68	12.959	1825	1827	1830	rVV3	503	533	0.00%	0.002%
69	13.044	1836	1841	1842	rBV4	730	1010	0.00%	0.003%
70	13.063	1842	1844	1849	rVB3	1435	1853	0.01%	0.005%
71	13.111	1849	1852	1857	rBV2	1095	1534	0.00%	0.004%
72	13.184	1858	1864	1868	rVB3	3617	5778	0.02%	0.016%
73	13.276	1877	1879	1884	rVV3	1044	1285	0.00%	0.004%
74	13.422	1897	1903	1910	rBV	39845	62045	0.19%	0.177%
75	13.587	1928	1930	1932	rVB3	491	367	0.00%	0.001%
76	13.629	1932	1937	1940	rBV4	1967	4679	0.01%	0.013%

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77	13.715	1947	1951	1960	rBV2	19555	36246	0.11%	0.103%
78	13.812	1965	1967	1968	rBV2	485	315	0.00%	0.001%
79	13.959	1986	1991	1997	rVB3	9206	16690	0.05%	0.048%
80	14.044	2002	2005	2006	rBV2	572	594	0.00%	0.002%
81	14.075	2007	2010	2016	rVB5	2137	2874	0.01%	0.008%
82	14.160	2020	2024	2027	rVB4	2844	3731	0.01%	0.011%
83	14.294	2043	2046	2048	rVB3	1050	1135	0.00%	0.003%
84	14.331	2049	2052	2056	rVB4	2977	4323	0.01%	0.012%
85	14.373	2056	2059	2063	rBV5	1465	1782	0.01%	0.005%
86	14.416	2063	2066	2069	rVB2	1369	1522	0.00%	0.004%
87	14.465	2072	2074	2075	rVV2	785	554	0.00%	0.002%
88	14.483	2075	2077	2078	rVB2	955	609	0.00%	0.002%
89	14.611	2094	2098	2103	rBV7	3108	5043	0.02%	0.014%
90	14.666	2103	2107	2115	rVV2	8954	15415	0.05%	0.044%
91	14.727	2115	2117	2122	rVV5	1014	1548	0.00%	0.004%
92	15.026	2163	2166	2167	rBV3	1482	1291	0.00%	0.004%
93	15.087	2173	2176	2182	rVB5	4177	5798	0.02%	0.017%
94	15.233	2196	2200	2206	rVB2	8328	13901	0.04%	0.040%
95	15.312	2209	2213	2220	rBV6	3961	7561	0.02%	0.022%
96	15.471	2237	2239	2240	rBV	735	406	0.00%	0.001%
97	15.672	2271	2272	2273	rBV	1059	595	0.00%	0.002%
98	16.178	2354	2355	2356	rBV2	1140	785	0.00%	0.002%
99	16.281	2367	2372	2379	rVB2	8882	18194	0.06%	0.052%
100	16.483	2399	2405	2413	rVB2	20798	43880	0.13%	0.125%

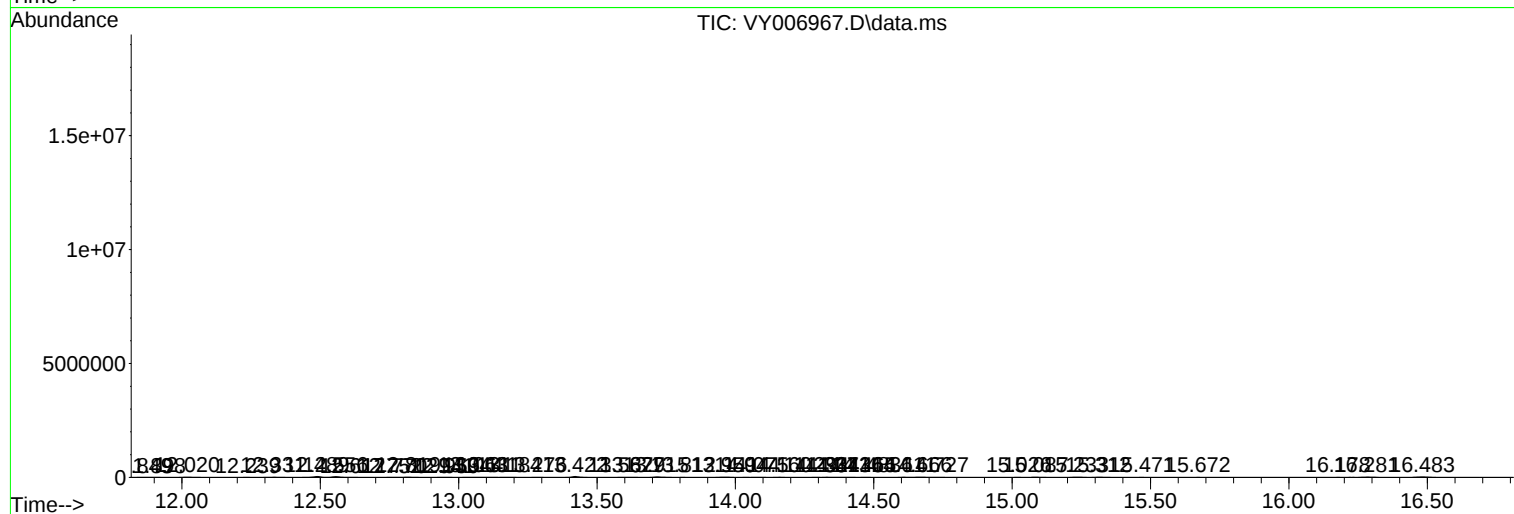
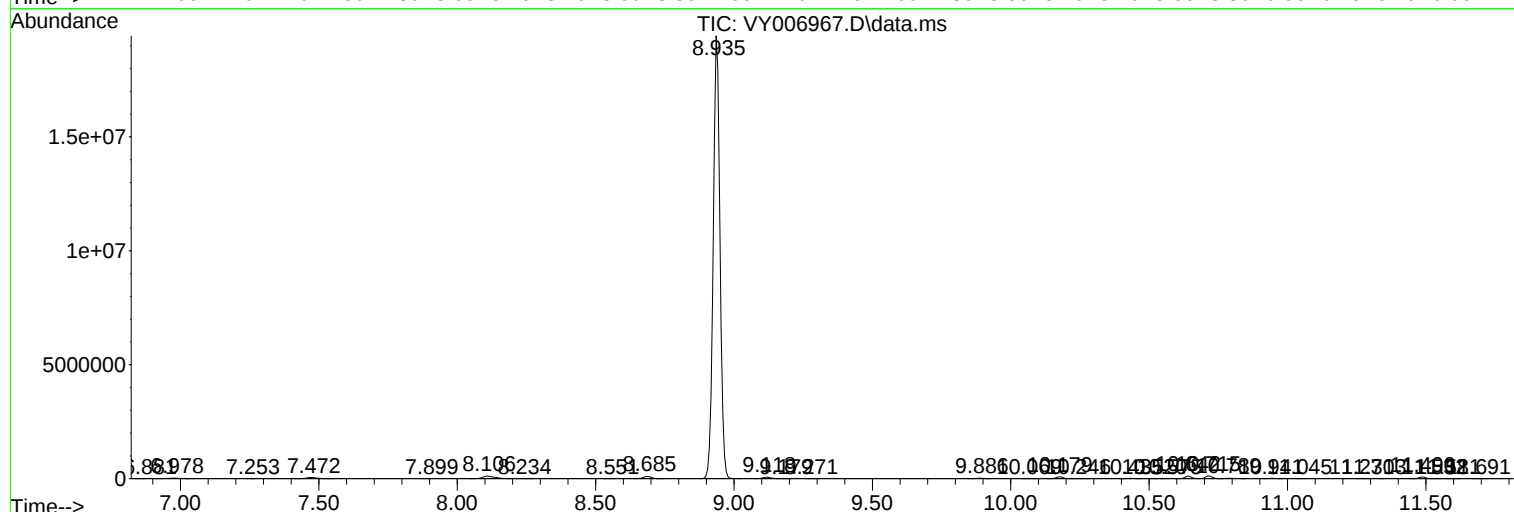
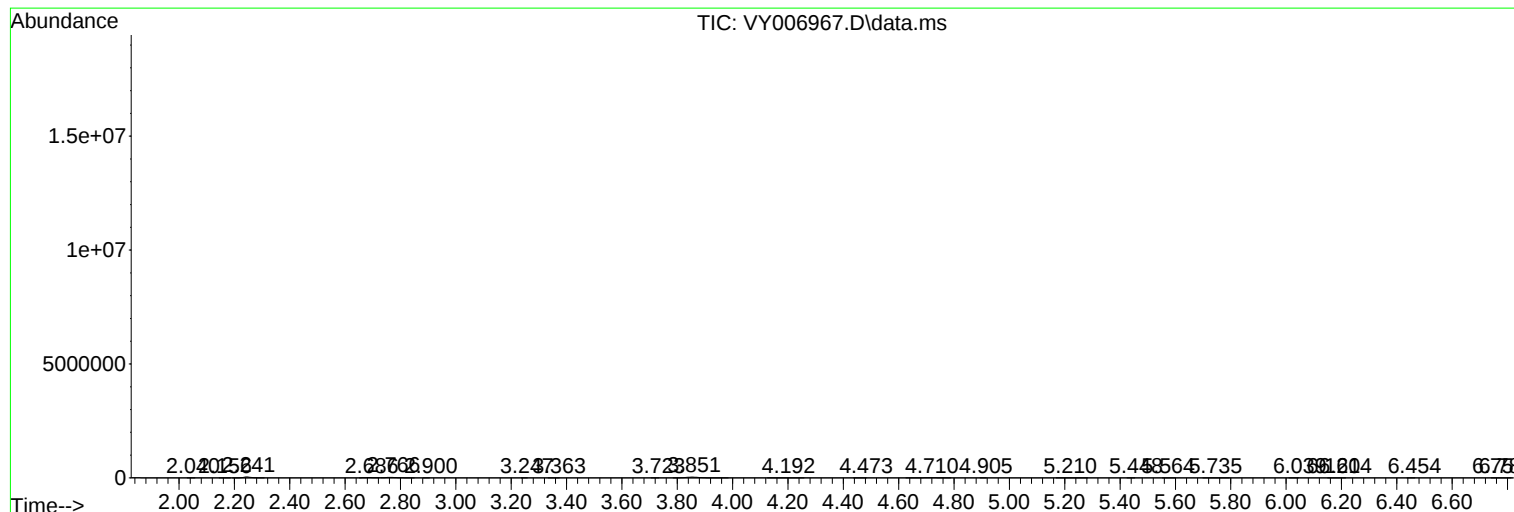
Sum of corrected areas: 35101221

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Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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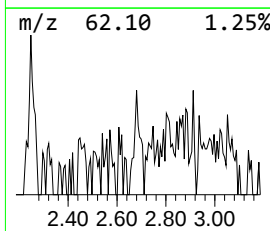
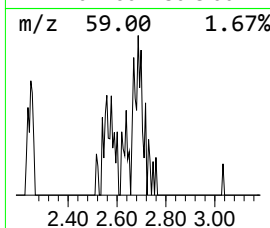
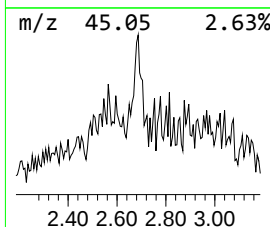
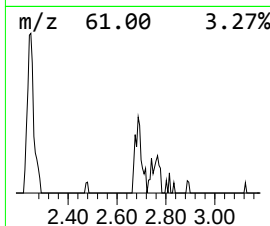
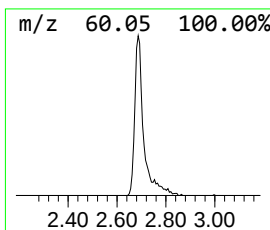
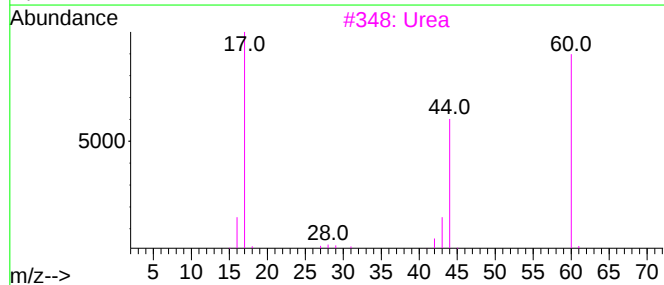
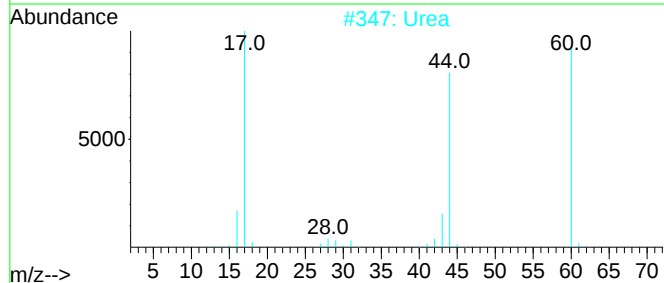
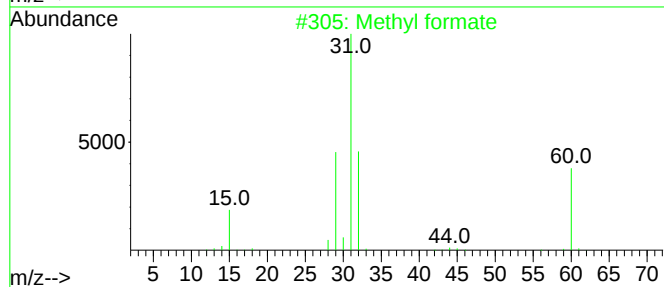
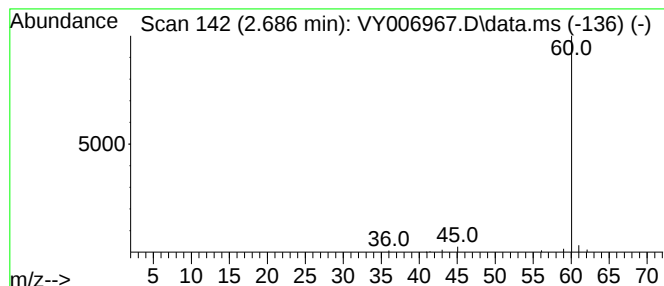
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.686	3.39 ug/L	27063	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl	formate	60	C2H4O2	000107-31-3	7	
2	Urea		60	CH4N2O	000057-13-6	5	
3	Urea		60	CH4N2O	000057-13-6	5	
4	Methyl	formate	60	C2H4O2	000107-31-3	4	
5	Methyl	formate	60	C2H4O2	000107-31-3	4	



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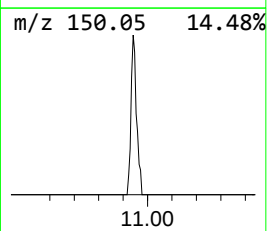
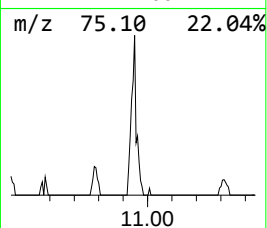
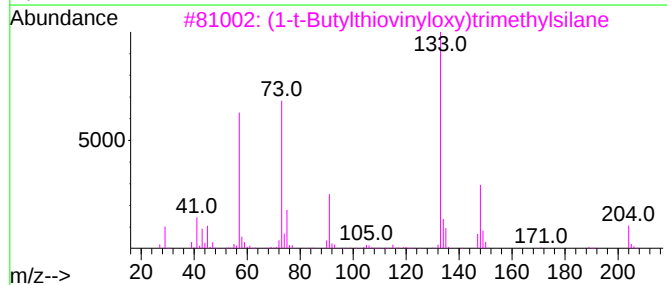
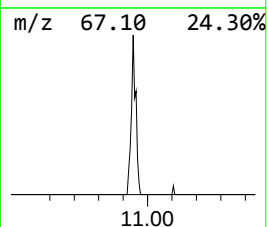
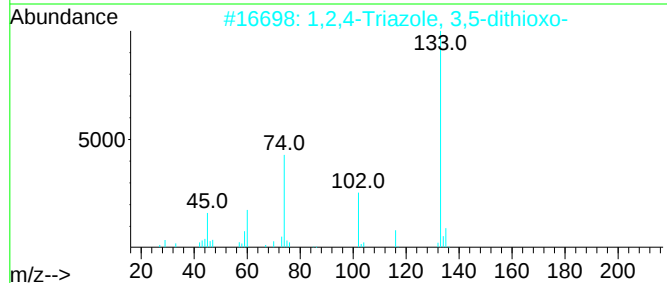
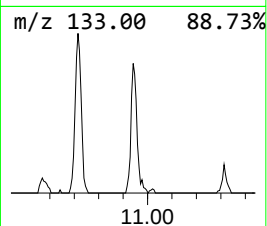
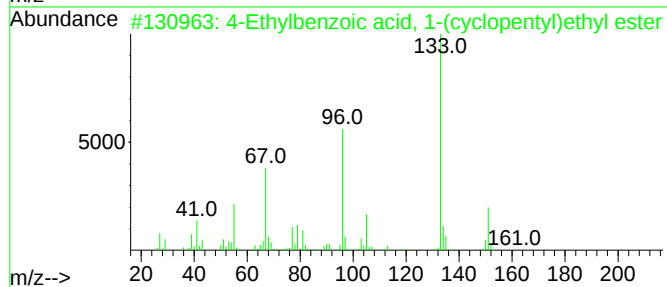
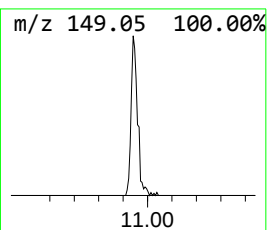
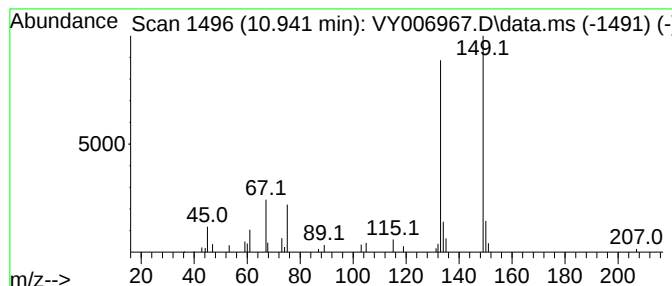
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.941	4.71 ug/L	22400	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbenzoic acid, 1-(cyclopentyl)ethyl ester	246	C16H22O2	1010293-32-2	32
2			1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	25
3			(1-t-Butylthiovinyl)oxy)trimethylsilyl-	204	C9H20OSi	063584-47-4	23
4			Butyl glycolate, TMS	204	C9H20O3Si	087826-84-4	17
5			4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	17



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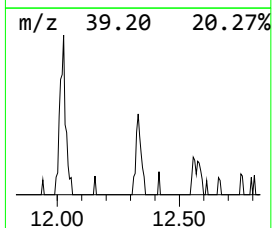
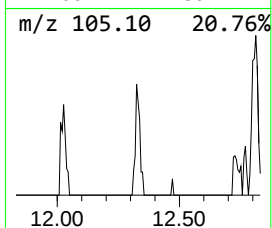
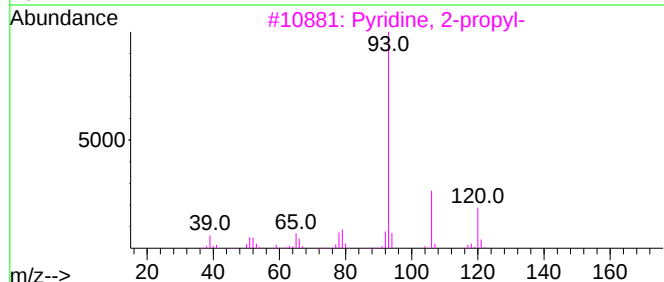
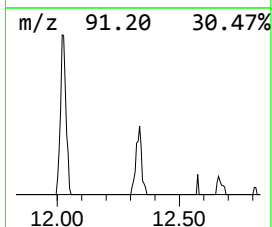
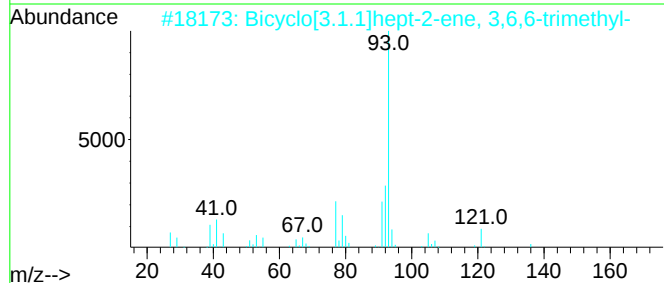
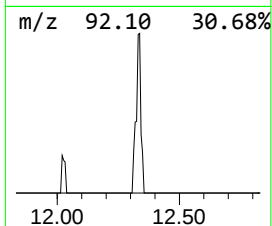
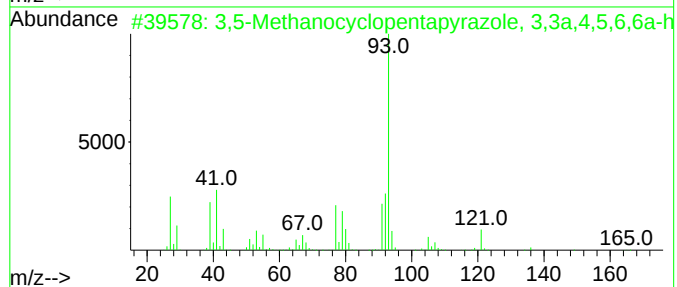
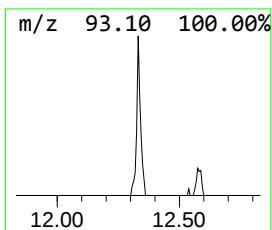
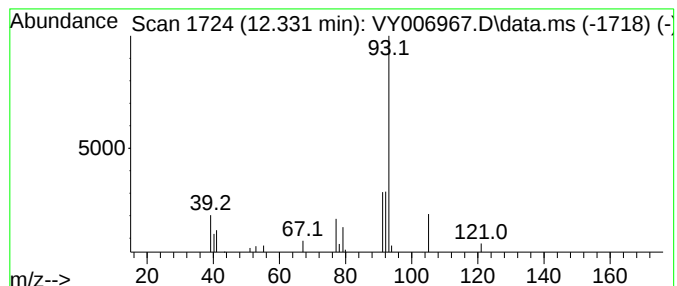
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3,5-Methanocyclopentapyrazo... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	1.47 ug/L	6991	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	72
2			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	64
3			Pyridine, 2-propyl-	121	C8H11N	000622-39-9	40
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	38
5			trans-.beta.-Ocimene	136	C10H16	003779-61-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

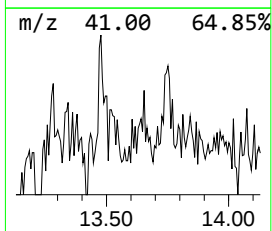
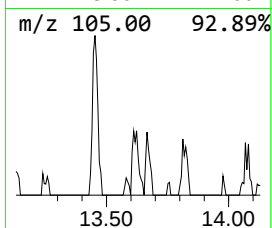
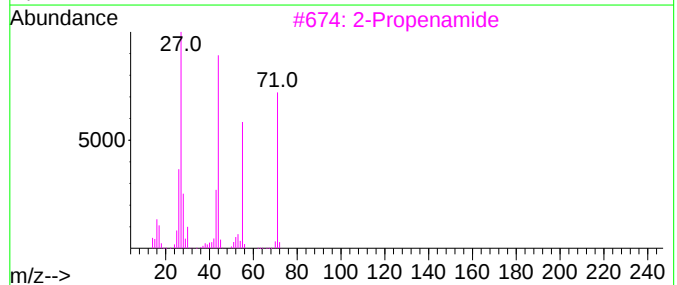
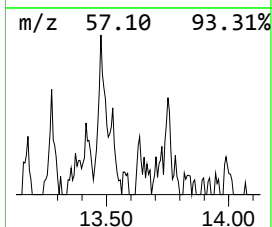
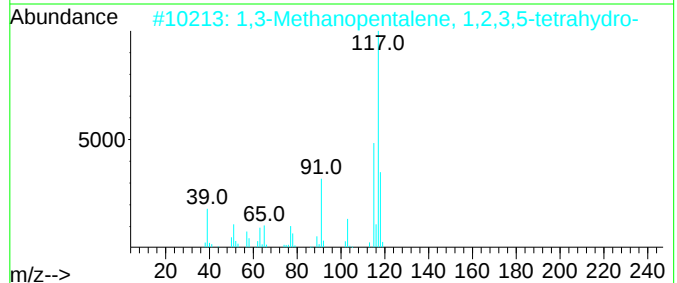
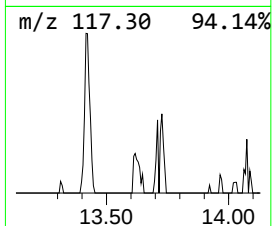
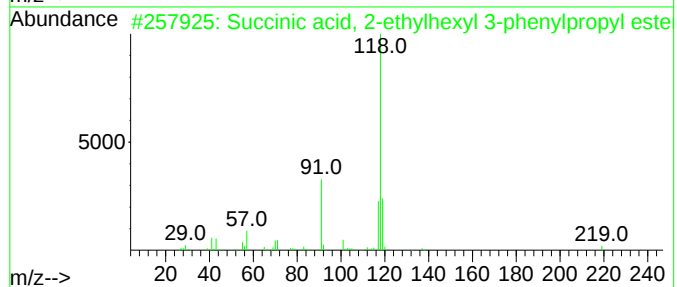
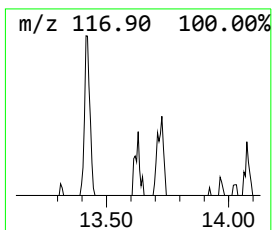
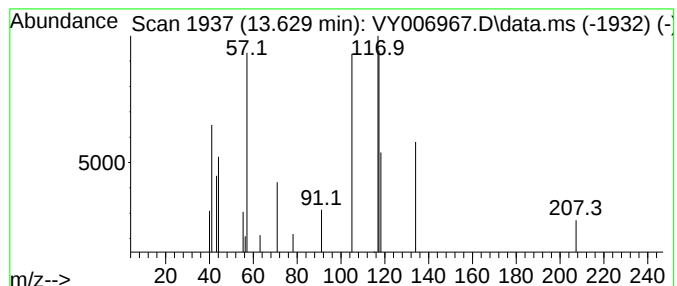
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	1.89 ug/L	4679	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, 2-ethylhexyl 3-ph...	348	C21H32O4	1010389-72-9	12
2			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9
3			2-Propenamide	71	C3H5NO	000079-06-1	9
4			3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	9
5			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

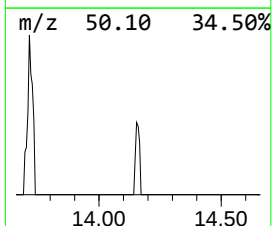
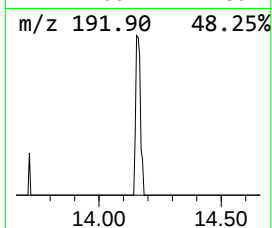
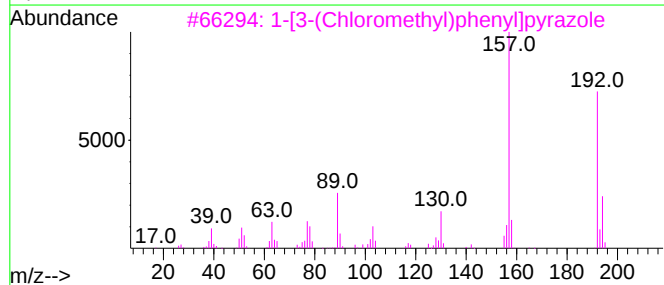
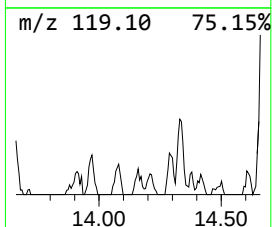
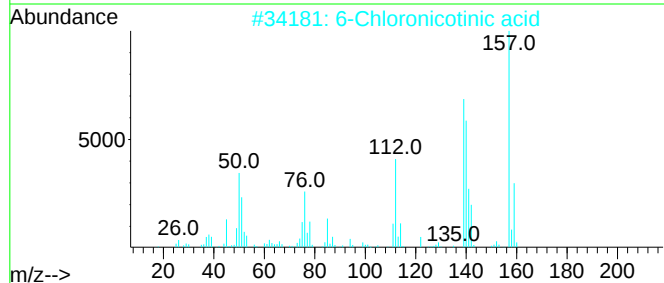
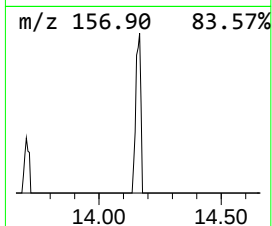
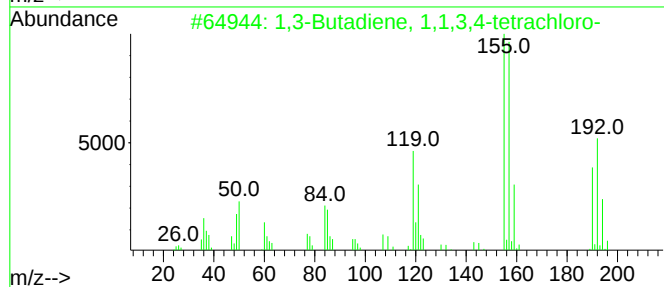
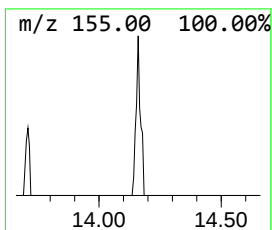
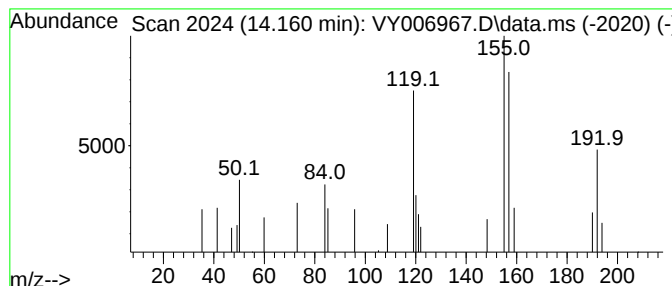
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.160	1.50 ug/L	3731	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiene, 1,1,3,4-tetrachloro-	190	C4H2Cl4	042769-38-0	32
2			6-Chloronicotinic acid	157	C6H4ClNO2	005326-23-8	11
3			1-[3-(Chloromethyl)phenyl]pyrazole	192	C10H9ClN2	1000411-33-0	10
4			3-Pyridinecarboxylic acid, 2-chl...	157	C6H4ClNO2	002942-59-8	10
5			Piperidin-2-one-5-carboxylic aci...	155	C7H9NO3	080658-33-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

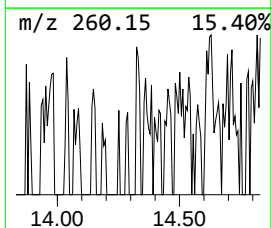
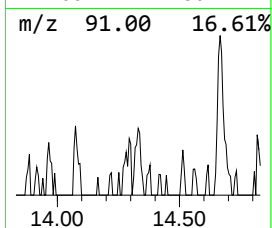
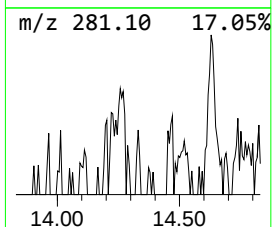
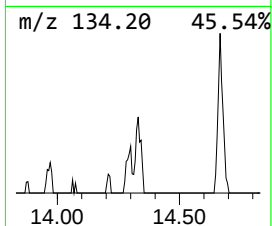
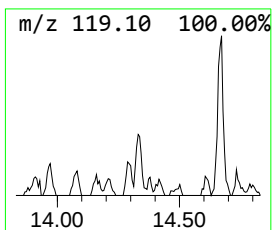
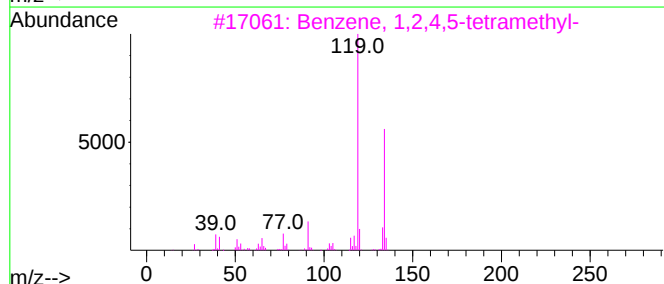
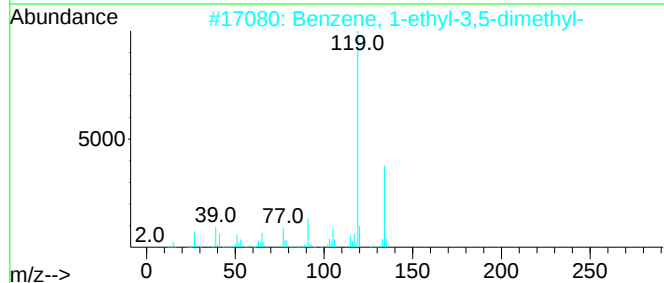
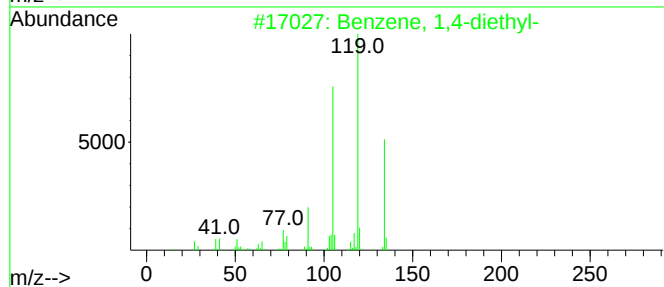
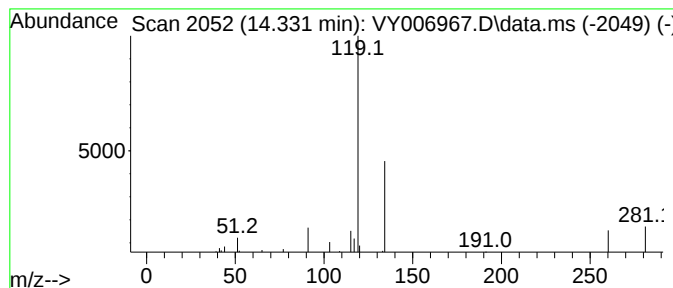
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	1.74 ug/L	4323	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

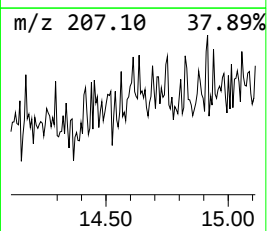
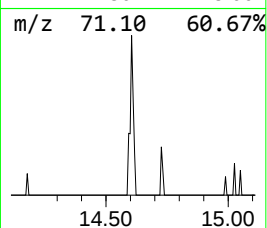
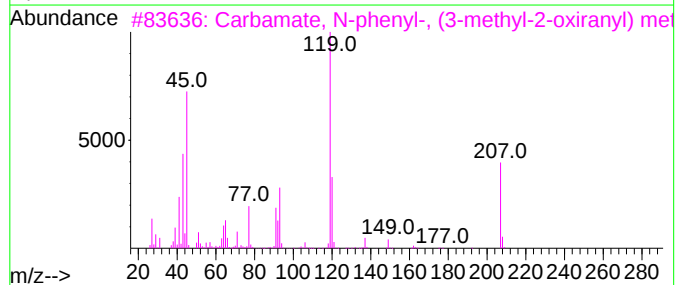
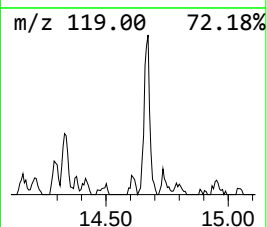
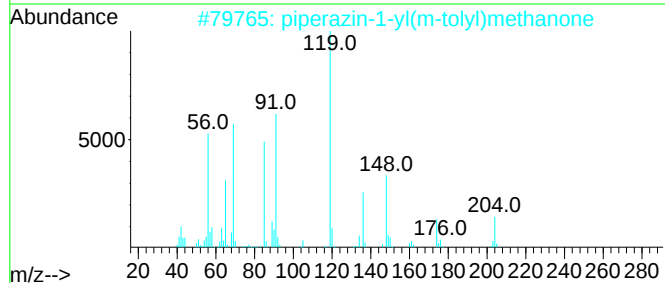
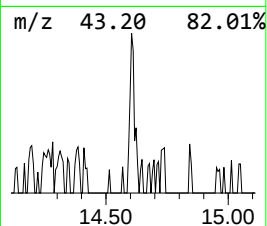
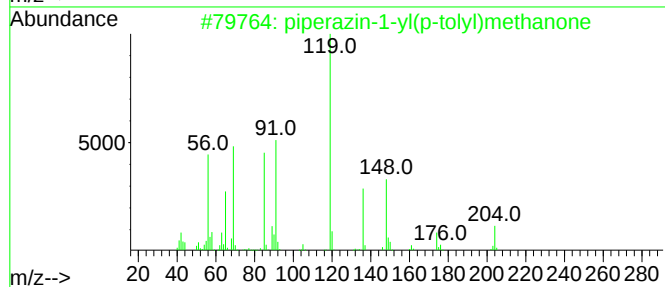
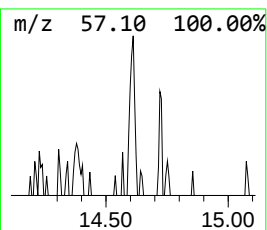
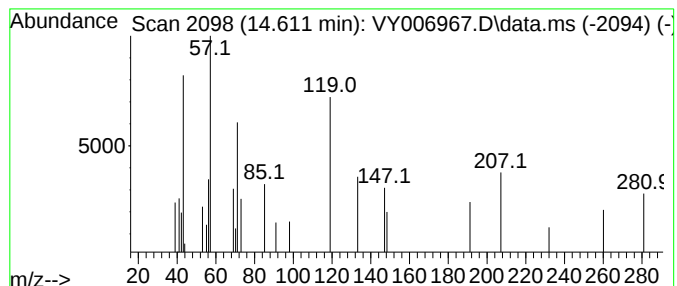
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	2.03 ug/L	5043	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			piperazin-1-yl(p-tolyl)methanone	204	C12H16N2O	1000455-18-2	12
2			piperazin-1-yl(m-tolyl)methanone	204	C12H16N2O	1000455-18-3	12
3			Carbamate, N-phenyl-, (3-methyl-...	207	C11H13NO3	137531-94-3	9
4			[1,2,4]Oxadiazin-6-one, 4,5-dihy...	232	C13H16N2O2	091757-28-7	9
5			Benzonitrile, 3-ethoxy-	147	C9H9NO	025117-75-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

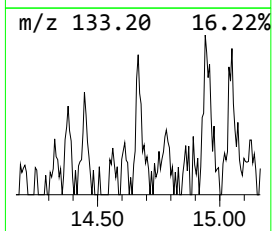
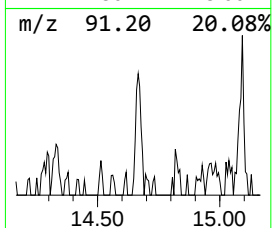
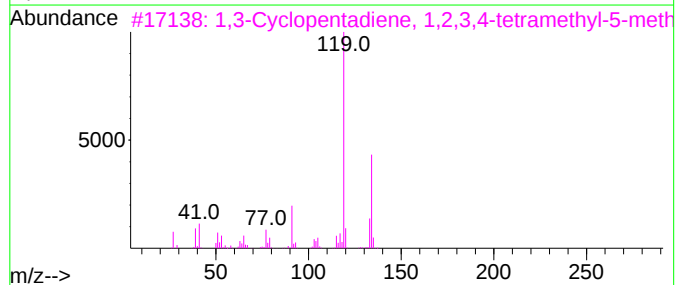
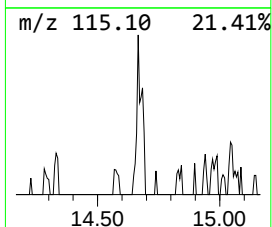
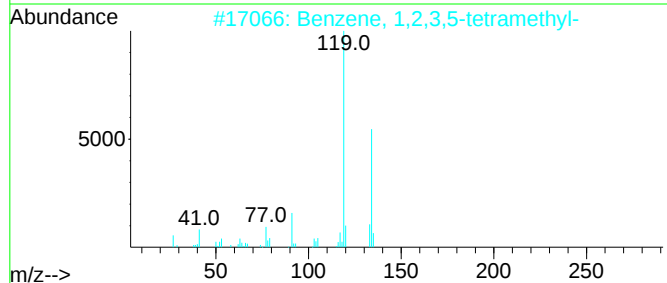
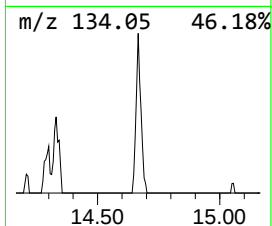
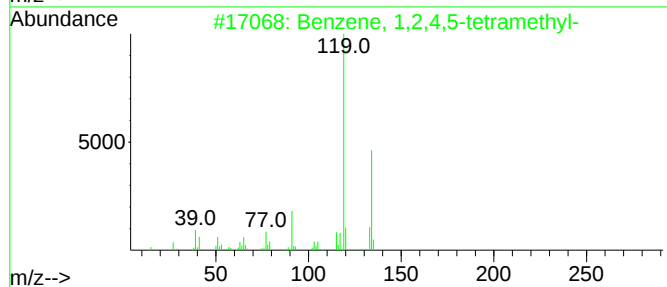
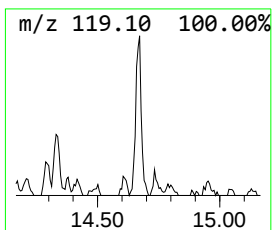
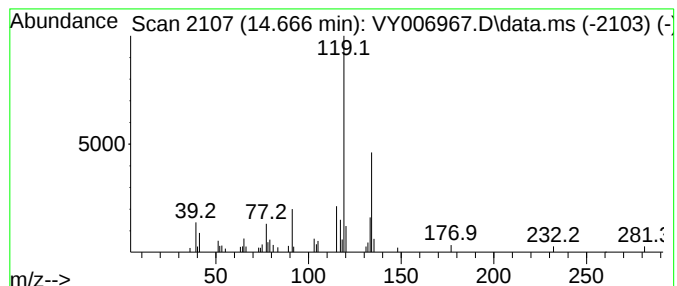
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	6.21 ug/L	15415	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

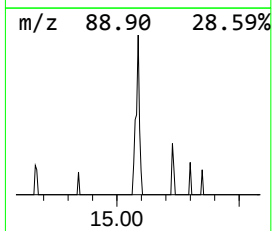
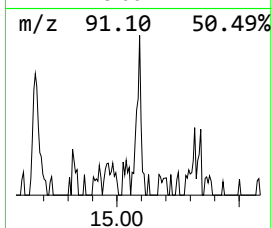
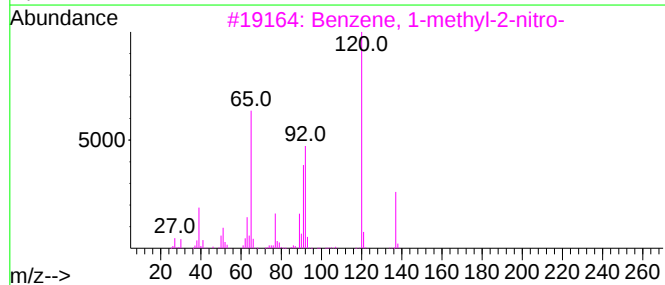
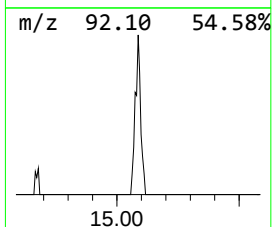
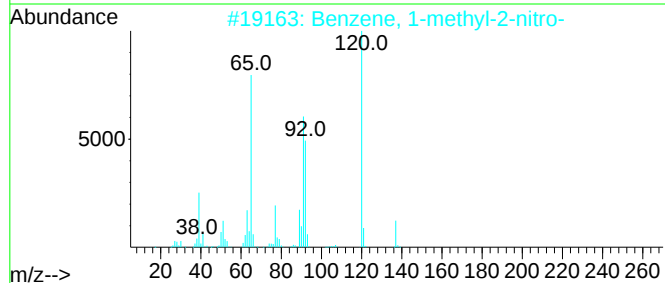
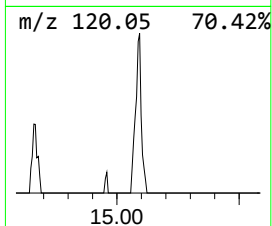
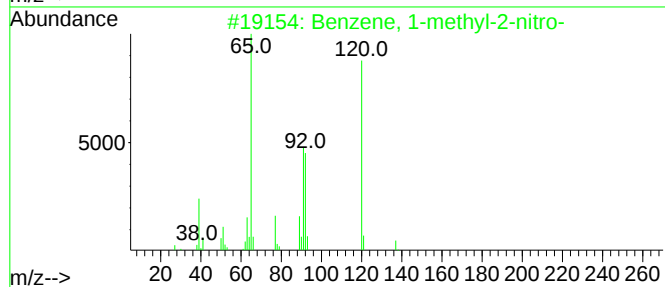
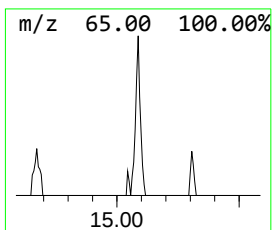
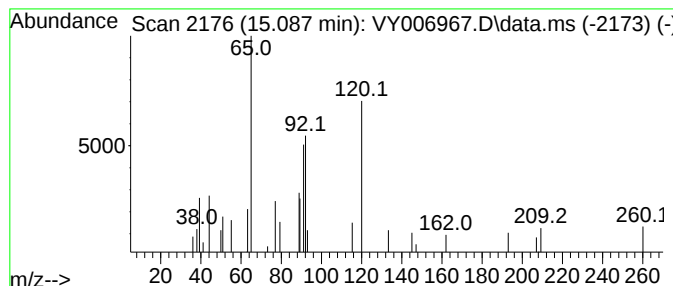
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-methyl-2-nitro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	2.34 ug/L	5798	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	64
2			Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	64
3			Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	50
4			Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	50
5			Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

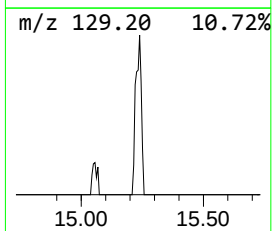
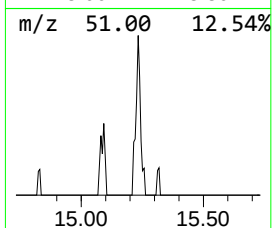
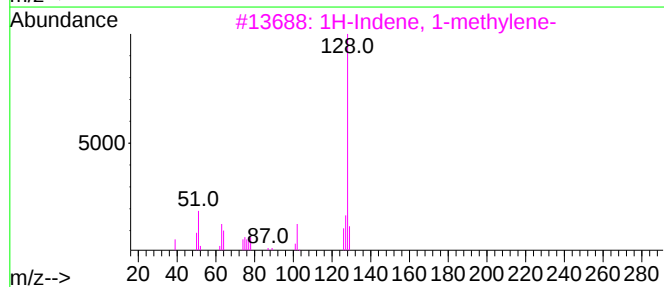
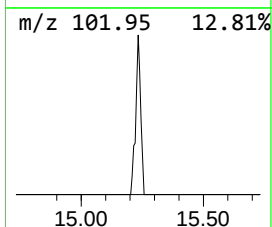
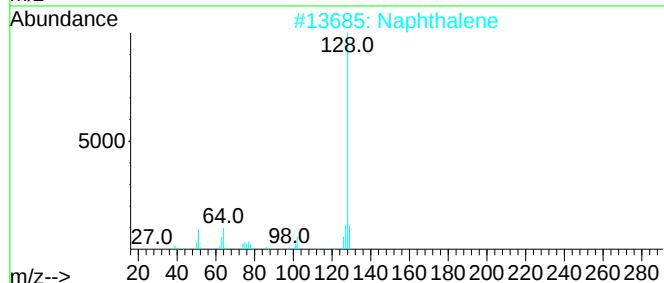
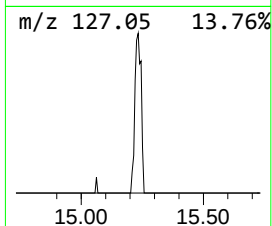
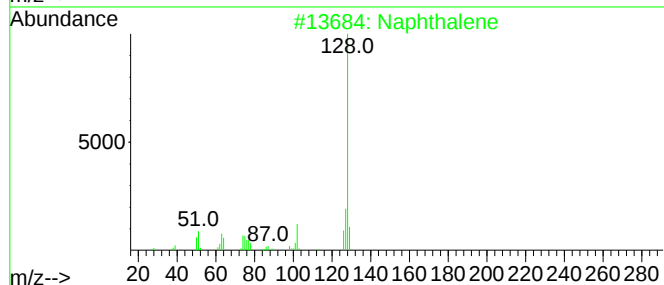
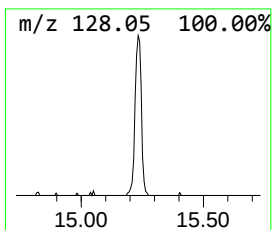
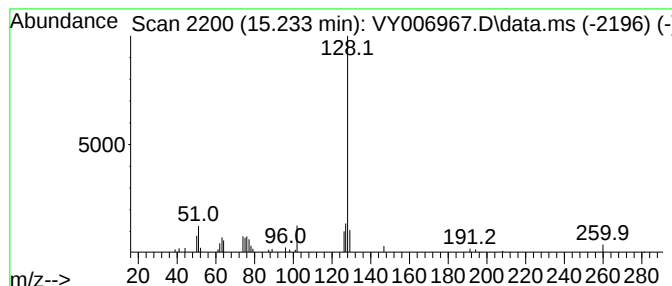
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	5.60 ug/L	13901	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	90
2			Naphthalene	128	C10H8	000091-20-3	90
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
4			Naphthalene	128	C10H8	000091-20-3	90
5			Azulene	128	C10H8	000275-51-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

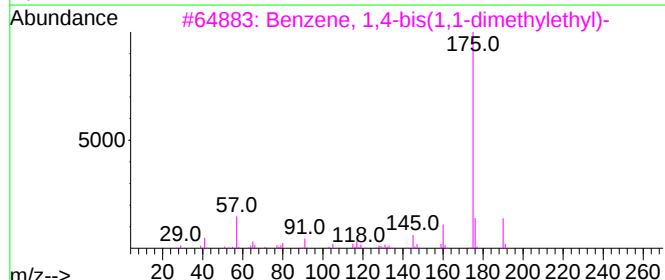
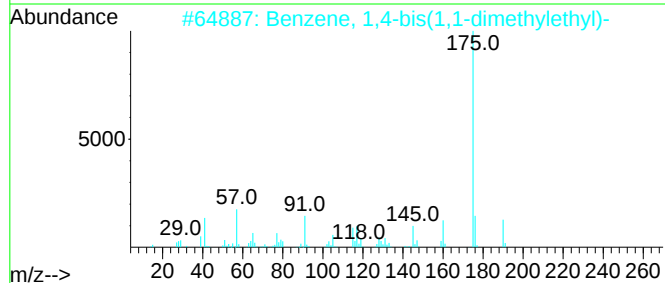
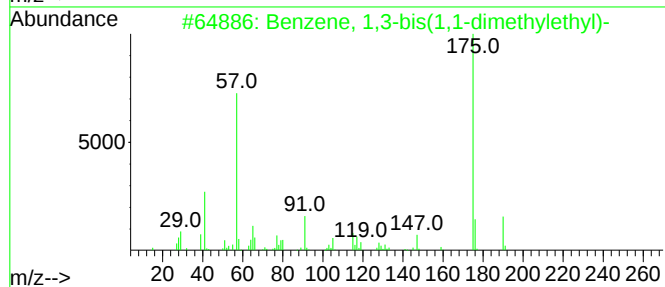
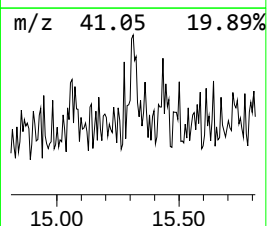
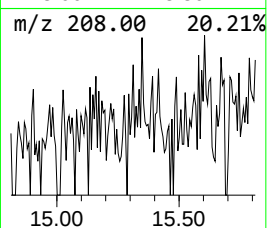
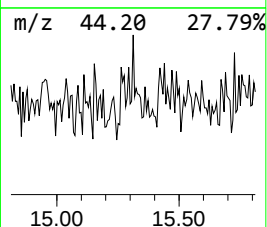
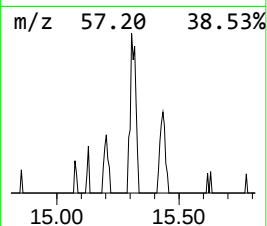
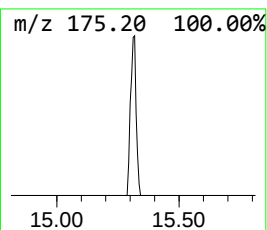
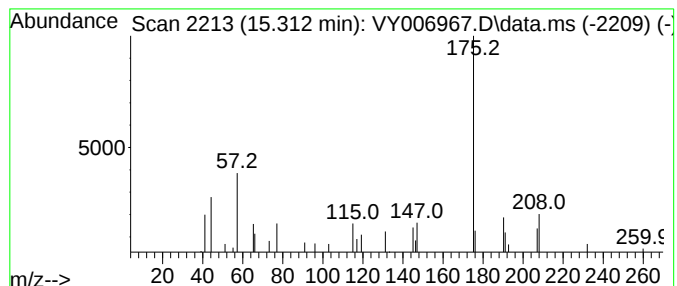
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	3.05 ug/L	7561	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	50
2			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50
4			Precocene I	190	C12H14O2	017598-02-6	49
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

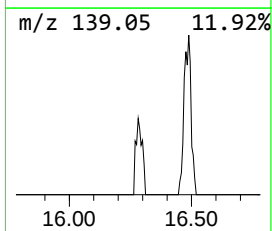
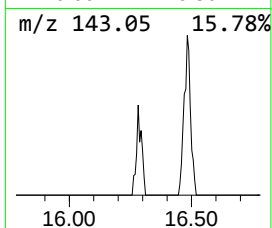
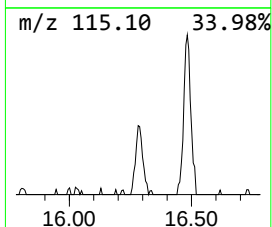
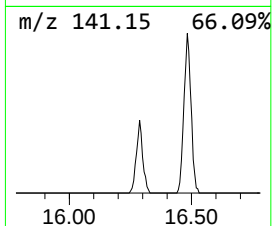
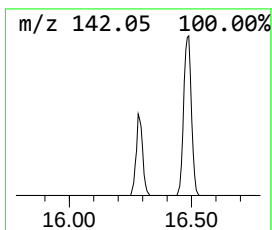
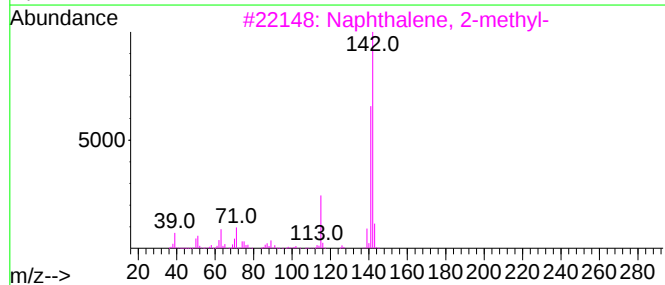
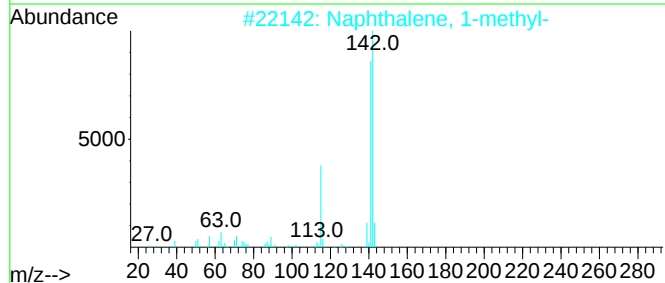
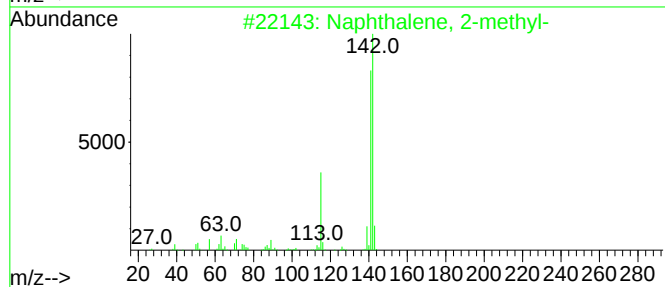
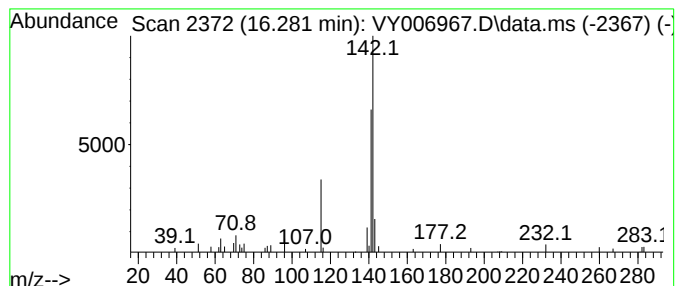
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	7.33 ug/L	18194	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006967.D
Acq On : 06 Dec 2021 17:41
Operator : SY/MD
Sample : M4887-12
Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

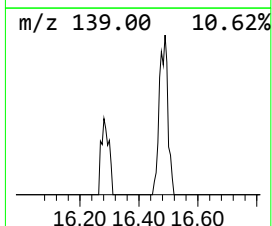
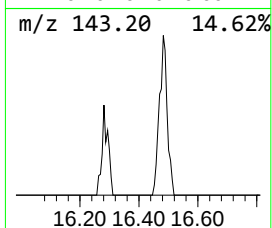
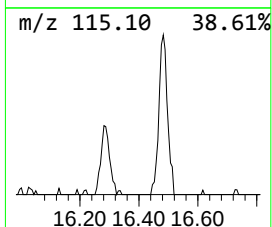
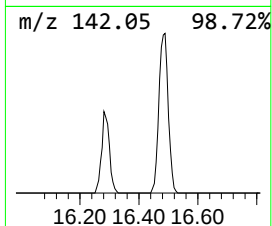
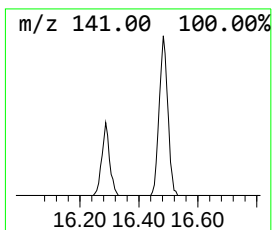
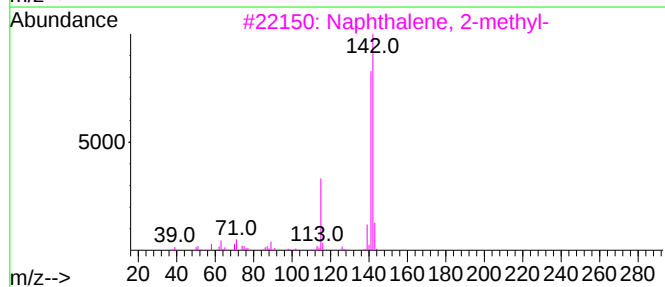
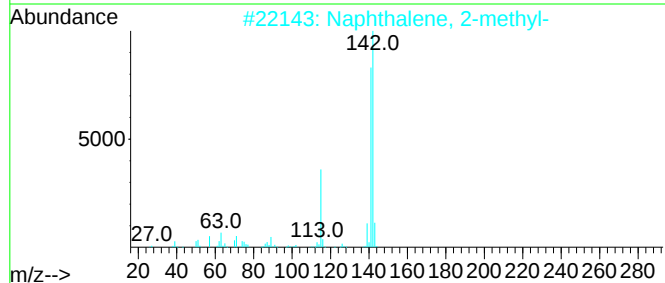
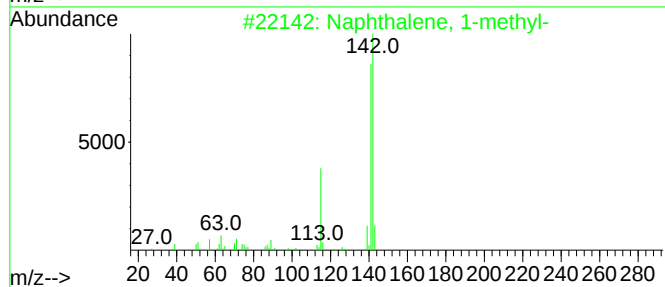
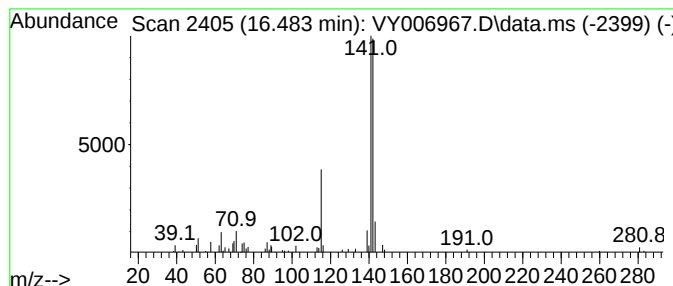
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	17.68 ug/L	43880	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006967.D
 Acq On : 06 Dec 2021 17:41
 Operator : SY/MD
 Sample : M4887-12
 Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.686	3.4	ug/L	27063	1	8.685	199425	25.0
unknown-02	10.941	4.7	ug/L	22400	2	11.490	118835	25.0
3,5-Methanocycl...	12.331	1.5	ug/L	6991	2	11.490	118835	25.0
unknown-03	13.630	1.9	ug/L	4679	3	13.422	62045	25.0
unknown-04	14.160	1.5	ug/L	3731	3	13.422	62045	25.0
Benzene, 1,4-di...	14.331	1.7	ug/L	4323	3	13.422	62045	25.0
unknown-05	14.611	2.0	ug/L	5043	3	13.422	62045	25.0
Benzene, 1,2,4,...	14.666	6.2	ug/L	15415	3	13.422	62045	25.0
Benzene, 1-meth...	15.086	2.3	ug/L	5798	3	13.422	62045	25.0
Azulene	15.233	5.6	ug/L	13901	3	13.422	62045	25.0
Benzene, 1,3-bi...	15.312	3.0	ug/L	7561	3	13.422	62045	25.0
Naphthalene, 2-...	16.281	7.3	ug/L	18194	3	13.422	62045	25.0
Naphthalene, 1-...	16.483	17.7	ug/L	43880	3	13.422	62045	25.0