

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013422.D
 Acq On : 25 Apr 2023 02:40
 Operator : KP/MD
 Sample : 02427-03
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230306-28-4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82Y042423S.M
 Title : SW846 8260

Signal : TIC: VY013422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	63	65	71	rVB4	1513	2405	3.39%	2.010%
2	2.503	108	112	114	rBV2	564	719	1.01%	0.601%
3	2.619	128	131	133	rBV	663	732	1.03%	0.612%
4	2.723	144	148	152	rBV4	527	810	1.14%	0.677%
5	3.284	237	240	246	rBV3	470	822	1.16%	0.687%
6	6.082	697	699	703	rBV3	435	852	1.20%	0.712%
7	8.112	1029	1032	1037	rBV3	591	1028	1.45%	0.859%
8	8.496	1091	1095	1097	rBV2	561	795	1.12%	0.664%
9	8.911	1158	1163	1166	rBV2	479	830	1.17%	0.694%
10	9.630	1278	1281	1284	rBV3	492	725	1.02%	0.606%
11	10.581	1435	1437	1440	rBV2	713	802	1.13%	0.670%
12	10.819	1474	1476	1480	rBV3	722	1133	1.60%	0.947%
13	11.270	1547	1550	1551	rBV	728	892	1.26%	0.746%
14	11.770	1629	1632	1636	rBV3	575	723	1.02%	0.604%
15	12.123	1688	1690	1692	rBV3	1387	1187	1.67%	0.992%
16	12.227	1705	1707	1711	rVB4	1622	1468	2.07%	1.227%
17	12.380	1730	1732	1734	rBV3	983	951	1.34%	0.795%
18	12.416	1736	1738	1741	rVB4	1192	1302	1.84%	1.088%
19	12.636	1772	1774	1776	rBV2	871	805	1.14%	0.673%
20	12.788	1796	1799	1802	rBV4	912	1150	1.62%	0.961%
21	12.892	1815	1816	1817	rBV2	1125	725	1.02%	0.606%
22	12.946	1823	1825	1831	rVB5	2149	3158	4.46%	2.640%
23	13.087	1845	1848	1849	rBV3	806	803	1.13%	0.671%
24	13.135	1854	1856	1858	rBV2	1155	1173	1.66%	0.980%
25	13.355	1891	1892	1895	rBV3	1012	1184	1.67%	0.990%
26	13.416	1897	1902	1903	rBV5	2319	3216	4.54%	2.688%
27	13.763	1956	1959	1962	rBV4	1468	2464	3.48%	2.059%
28	13.904	1979	1982	1983	rBV3	1321	1508	2.13%	1.260%
29	13.952	1989	1990	1993	rVB3	1080	904	1.28%	0.756%
30	14.251	2036	2039	2041	rVB4	1136	1190	1.68%	0.995%
31	14.336	2051	2053	2056	rVB3	1214	1048	1.48%	0.876%
32	14.373	2056	2059	2060	rBV3	942	819	1.16%	0.685%
33	14.525	2082	2084	2085	rBV2	1167	1108	1.56%	0.926%
34	14.733	2109	2118	2129	rVB3	23540	70866	100.00%	59.232%
35	14.861	2136	2139	2142	rBV3	1021	1288	1.82%	1.077%
36	14.891	2142	2144	2147	rBV3	851	968	1.37%	0.809%

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37	15.031	2165	2167	2169	rVB2	1360	936	1.32%	0.782%
38	15.050	2169	2170	2174	rBV4	865	1026	1.45%	0.858%
39	15.294	2208	2210	2212	rBV2	1063	828	1.17%	0.692%
40	15.330	2212	2216	2218	rVB3	1043	1442	2.03%	1.205%
41	15.507	2243	2245	2247	rVB2	1197	1010	1.43%	0.844%
42	15.562	2252	2254	2256	rVB2	1123	897	1.27%	0.750%
43	16.403	2390	2392	2396	rBV4	755	949	1.34%	0.793%

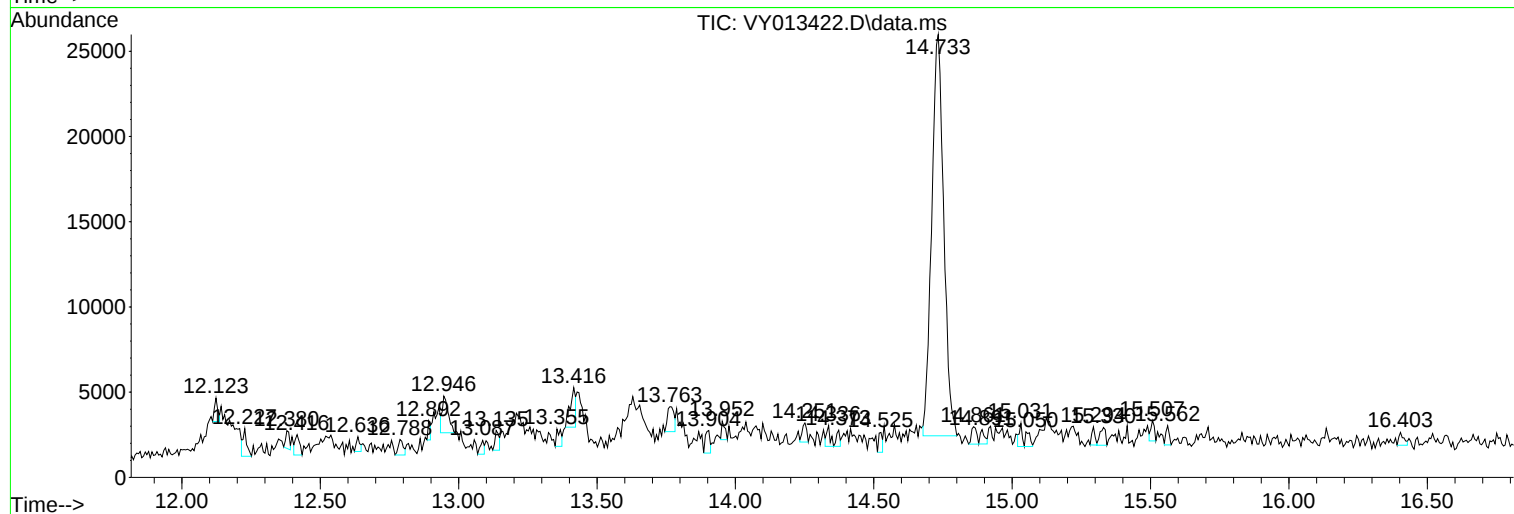
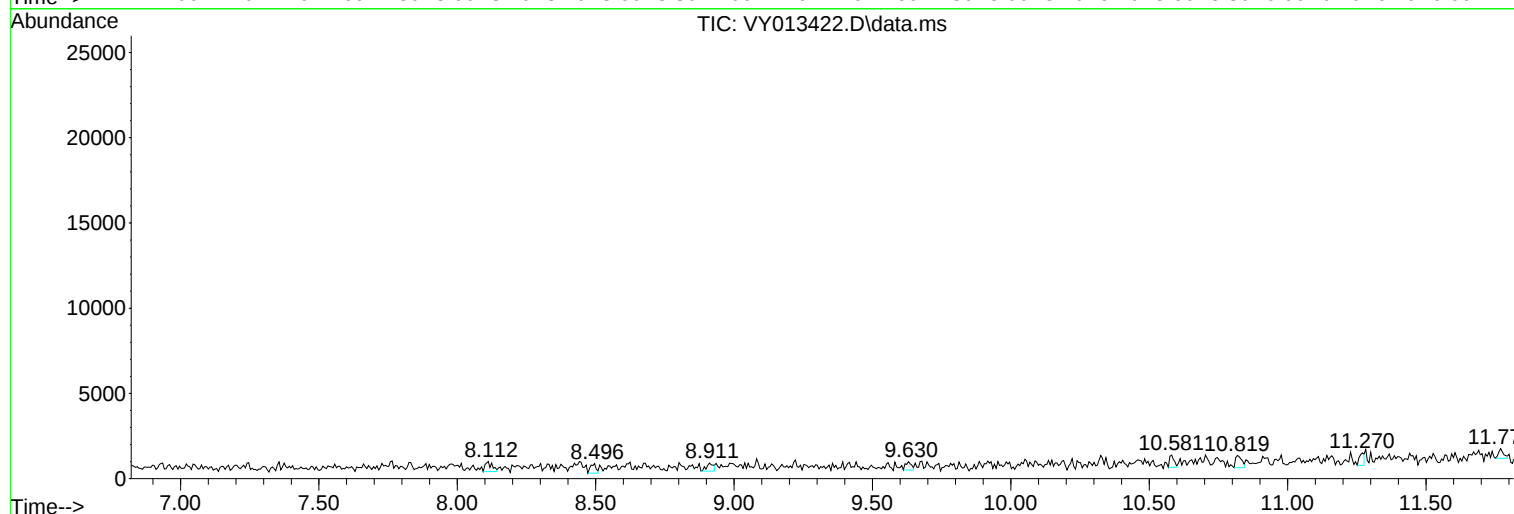
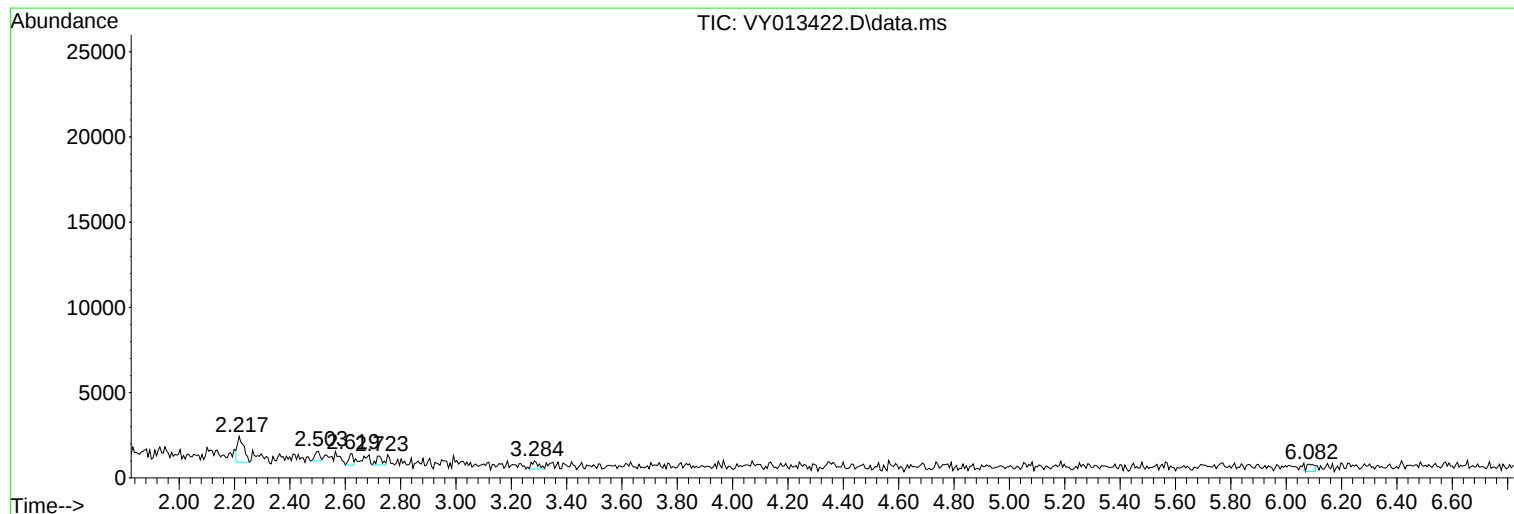
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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



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20230306-28-4

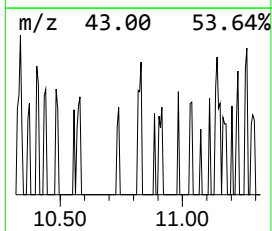
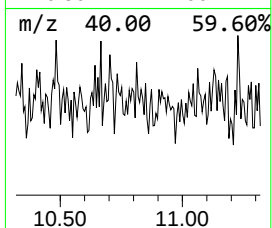
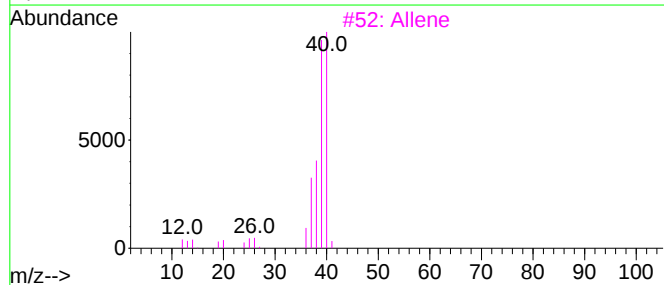
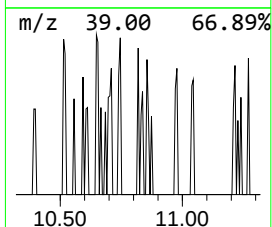
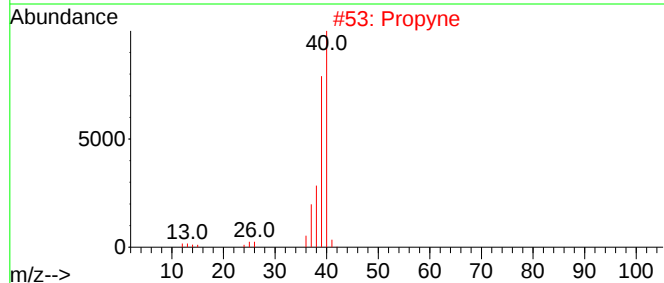
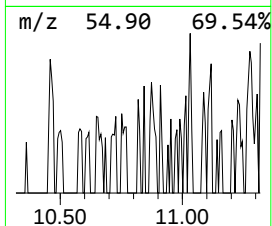
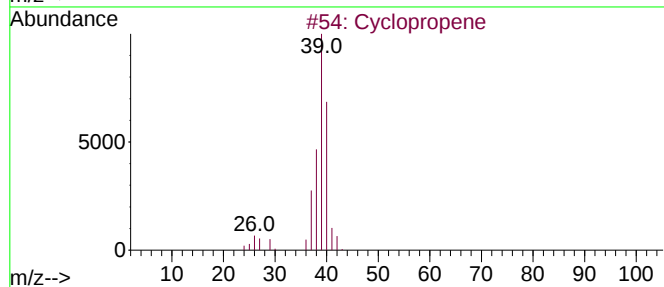
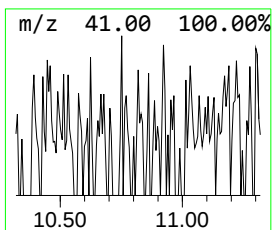
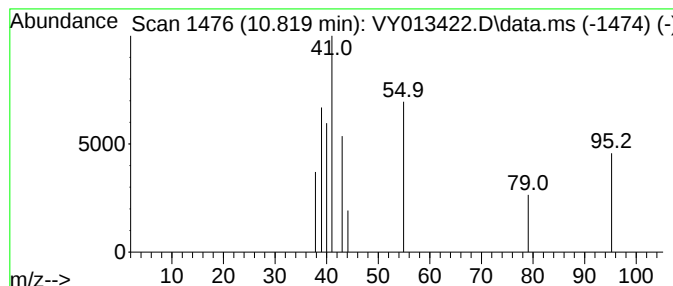
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown10.819 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.819	78.35 ug/l	1133	Chlorobenzene-d5	11.672

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropene	40	C3H4	002781-85-3	37
2			Propyne	40	C3H4	000074-99-7	5
3			Allene	40	C3H4	000463-49-0	5
4			Acetonitrile, 2,2'-iminobis-	95	C4H5N3	000628-87-5	4
5			2-Pentyn-1-ol	84	C5H8O	006261-22-9	4



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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230306-28-4

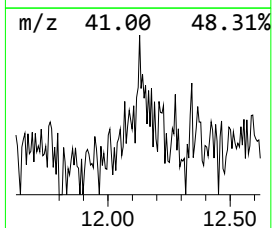
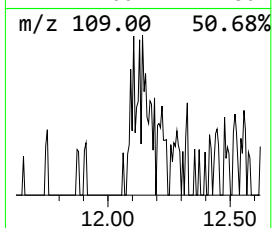
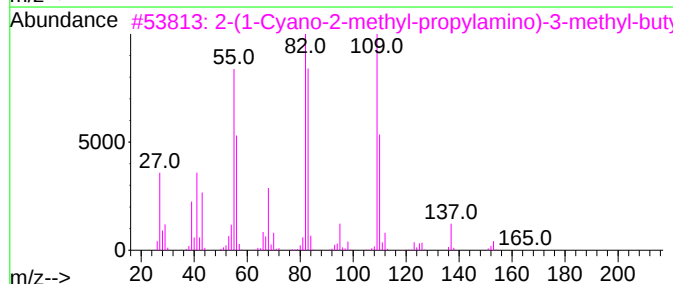
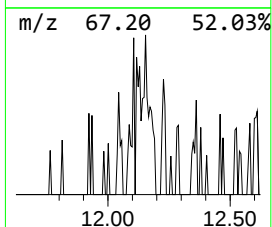
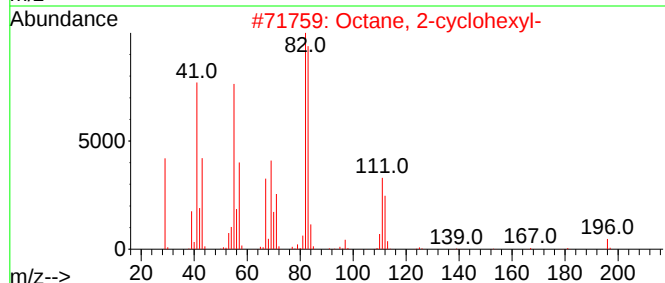
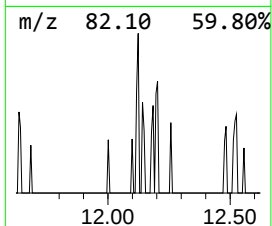
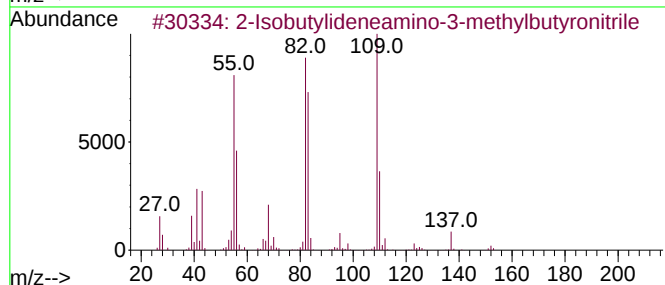
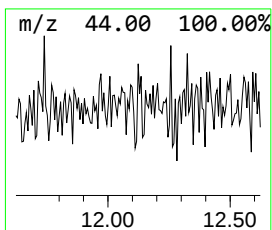
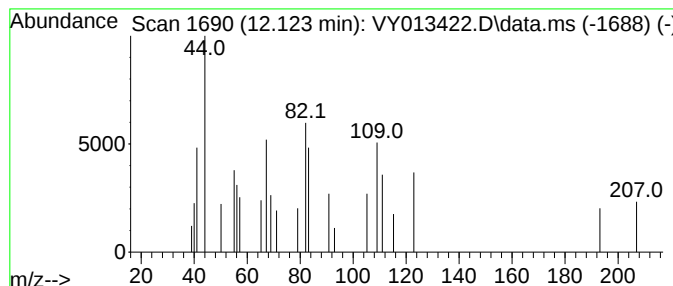
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown12.124 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	82.09 ug/l	1187	Chlorobenzene-d5	11.672

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isobutylideneamino-3-methylbut...	152	C9H16N2	125213-17-4	22		
2	Octane, 2-cyclohexyl-	196	C14H28	002883-05-8	14		
3	2-(1-Cyano-2-methyl-propylamino)...	179	C10H17N3	1000185-89-8	12		
4	Heptafluorobutyric acid, cyclohe...	296	C10H11F7O2	904037-20-3	12		
5	Dodecane, 2-cyclohexyl-	252	C18H36	013151-82-1	10		



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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230306-28-4

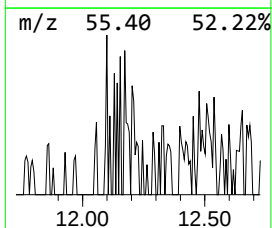
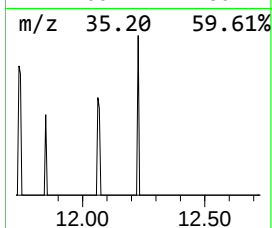
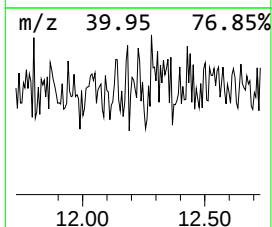
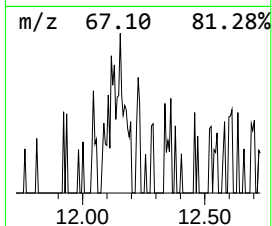
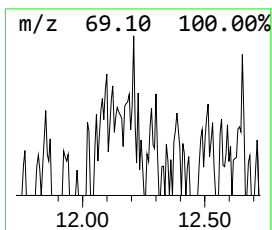
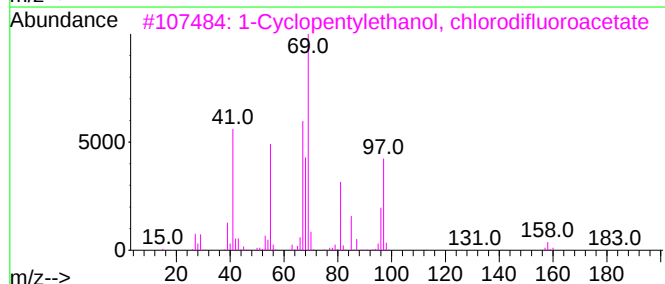
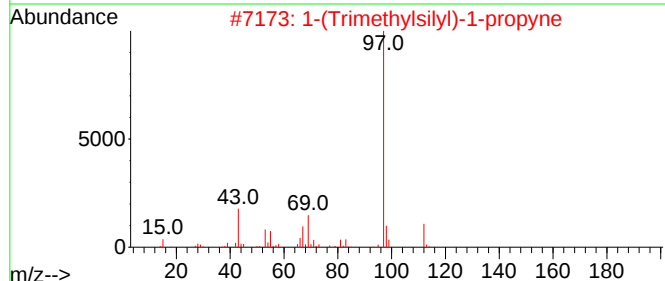
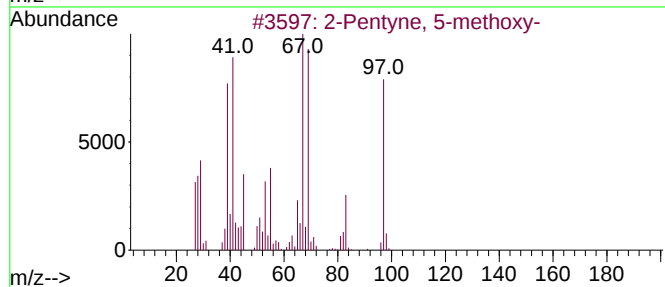
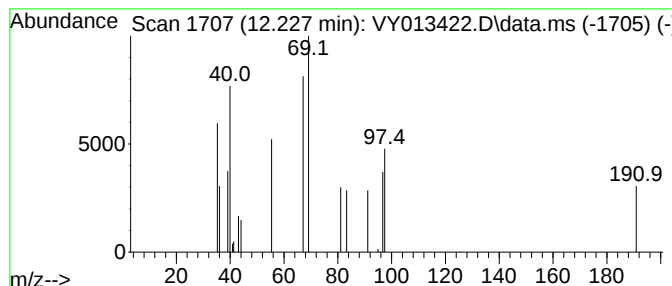
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown12.227 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	101.52 ug/l	1468	Chlorobenzene-d5	11.672

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentyne, 5-methoxy-	98	C6H10O	062108-18-3	32	
2	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	9	
3	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	9	
4	1-Hexacosanol	382	C26H54O	000506-52-5	9	
5	1-Dodecyn-4-ol	182	C12H22O	074646-36-9	9	



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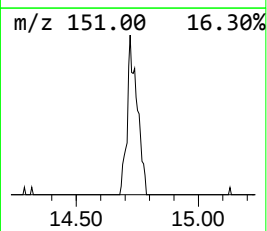
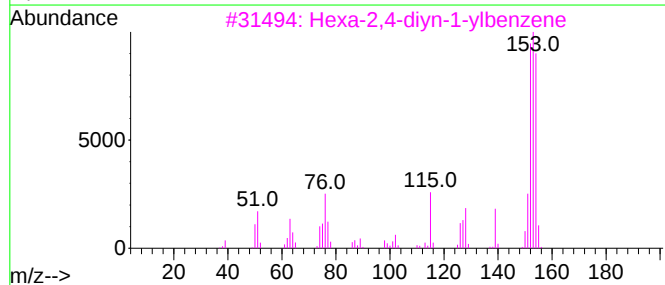
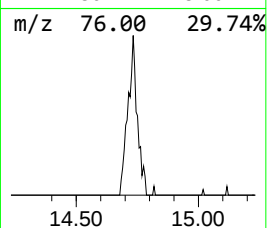
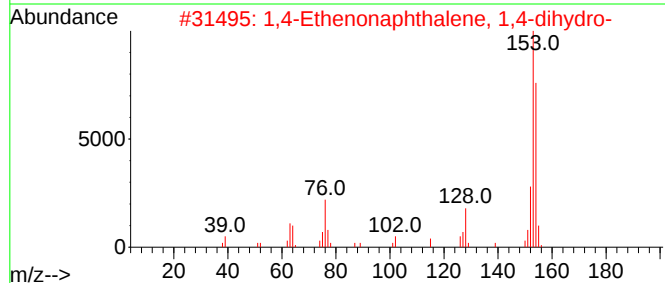
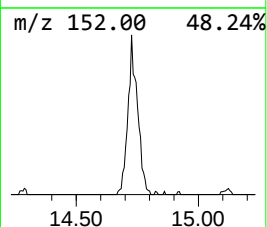
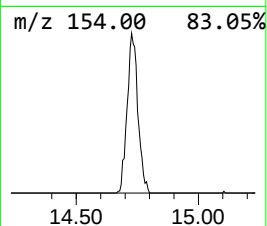
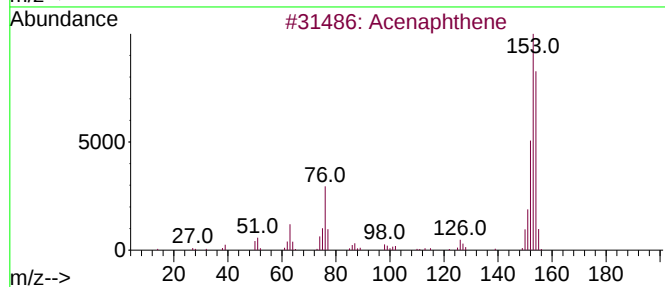
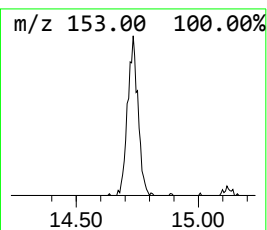
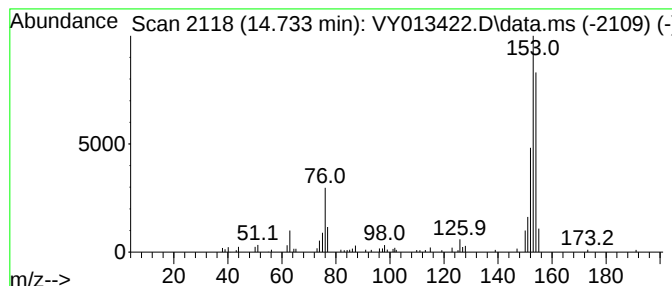
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	1101.77 ug/l	70866	1,4-Dichlorobenzene-d4	13.501

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	89
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	58
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown12.124	12.124	82.1	ug/l	1187	1	11.672	723	50.0
unknown12.227	12.227	101.5	ug/l	1468	1	11.672	723	50.0
Acenaphthene	14.733	1101.8	ug/l	70866	2	13.501	3216	50.0