

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007377.D
 Acq On : 03 Feb 2022 15:40
 Operator : SY/MD
 Sample : N1381-01
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(20-22)-02-01-22

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\82Y020222S.M
 Title : SW846 8260

Signal : TIC: VY007377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.198	381	390	399	rBV2	9190	24800	1.56%	0.142%
2	7.716	957	967	973	rBV	88714	210565	13.20%	1.202%
3	7.789	973	979	987	rVV	155739	349825	21.93%	1.997%
4	7.868	987	992	1001	rVB3	8348	21023	1.32%	0.120%
5	8.142	1029	1037	1050	rVB	79233	175827	11.02%	1.004%
6	8.417	1075	1082	1092	rVB6	8676	21512	1.35%	0.123%
7	8.691	1118	1127	1137	rBV	227532	470253	29.49%	2.685%
8	9.148	1194	1202	1213	rBV4	26799	78974	4.95%	0.451%
9	9.246	1213	1218	1225	rVB6	6964	16563	1.04%	0.095%
10	9.441	1243	1250	1260	rBV6	4833	16929	1.06%	0.097%
11	9.605	1266	1277	1286	rVB2	33354	71908	4.51%	0.411%
12	9.935	1324	1331	1337	rBV2	28075	54023	3.39%	0.308%
13	10.063	1346	1352	1363	rBV6	17894	40956	2.57%	0.234%
14	10.178	1363	1371	1387	rBV	383322	734772	46.07%	4.195%
15	10.343	1392	1398	1409	rVB2	50884	114724	7.19%	0.655%
16	10.477	1410	1420	1423	rBV4	18520	40225	2.52%	0.230%
17	10.520	1423	1427	1432	rVB	36355	60732	3.81%	0.347%
18	10.605	1432	1441	1448	rBV5	44137	117926	7.39%	0.673%
19	10.666	1448	1451	1456	rVB2	14316	20937	1.31%	0.120%
20	10.764	1462	1467	1470	rBV2	15447	32722	2.05%	0.187%
21	10.800	1470	1473	1479	rVB2	15768	26667	1.67%	0.152%
22	10.873	1479	1485	1491	rBV3	23979	54131	3.39%	0.309%
23	11.002	1502	1506	1510	rVB2	18660	24696	1.55%	0.141%
24	11.087	1514	1520	1525	rVV	223727	366352	22.97%	2.092%
25	11.142	1525	1529	1534	rVV4	66936	115196	7.22%	0.658%
26	11.191	1534	1537	1543	rVB5	24579	45260	2.84%	0.258%
27	11.294	1549	1554	1564	rVB5	43525	96057	6.02%	0.548%
28	11.404	1564	1572	1578	rBV8	22659	62332	3.91%	0.356%
29	11.489	1578	1586	1594	rBV	318757	556638	34.90%	3.178%
30	11.575	1598	1600	1604	rVV2	18155	27141	1.70%	0.155%
31	11.623	1604	1608	1613	rVB3	64160	97747	6.13%	0.558%
32	11.684	1613	1618	1621	rBV	64223	113286	7.10%	0.647%
33	11.751	1621	1629	1637	rVB5	102434	299789	18.80%	1.712%
34	11.837	1637	1643	1647	rBV5	33796	75097	4.71%	0.429%
35	11.898	1647	1653	1657	rBV	82602	136746	8.57%	0.781%
36	11.983	1662	1667	1674	rBV4	123495	286884	17.99%	1.638%

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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

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37	12.056	1674	1679	1682	rBV	89810	137438	8.62%	0.785%
38	12.087	1682	1684	1687	rVB	32945	32583	2.04%	0.186%
39	12.117	1687	1689	1693	rVB	55835	70428	4.42%	0.402%
40	12.196	1693	1702	1706	rBV5	144387	375393	23.54%	2.143%
41	12.300	1713	1719	1724	rBV3	181030	370473	23.23%	2.115%
42	12.392	1731	1734	1735	rBV2	19521	20815	1.31%	0.119%
43	12.422	1735	1739	1743	rVB2	112928	181115	11.36%	1.034%
44	12.489	1743	1750	1755	rBV2	884335	1594826	100.00%	9.106%
45	12.556	1755	1761	1768	rVB6	74372	197766	12.40%	1.129%
46	12.641	1768	1775	1782	rVB3	282350	577835	36.23%	3.299%
47	12.739	1782	1791	1796	rBV4	168172	481987	30.22%	2.752%
48	12.812	1796	1803	1810	rBV8	175082	494553	31.01%	2.824%
49	12.879	1811	1814	1819	rVB4	60429	95056	5.96%	0.543%
50	12.940	1820	1824	1830	rVB3	177543	324266	20.33%	1.851%
51	13.038	1831	1840	1842	rBV4	132605	324357	20.34%	1.852%
52	13.068	1842	1845	1849	rVB3	120204	193155	12.11%	1.103%
53	13.129	1850	1855	1858	rBV2	154083	253189	15.88%	1.446%
54	13.160	1858	1860	1863	rBV2	48102	54929	3.44%	0.314%
55	13.196	1863	1866	1870	rVB4	91580	129950	8.15%	0.742%
56	13.257	1871	1876	1878	rBV4	100389	184246	11.55%	1.052%
57	13.391	1894	1898	1901	rBV3	84743	148263	9.30%	0.847%
58	13.495	1912	1915	1918	rBV4	33323	57313	3.59%	0.327%
59	13.611	1930	1934	1937	rBV3	94529	150475	9.44%	0.859%
60	13.641	1937	1939	1943	rVB3	37573	50200	3.15%	0.287%
61	13.745	1950	1956	1968	rBV4	243392	583596	36.59%	3.332%
62	13.873	1969	1977	1982	rBV5	125002	360712	22.62%	2.060%
63	13.958	1987	1991	2005	rVB10	201980	554416	34.76%	3.165%
64	14.074	2005	2010	2013	rBV5	64091	132984	8.34%	0.759%
65	14.123	2014	2018	2026	rVV4	233072	497930	31.22%	2.843%
66	14.196	2027	2030	2035	rVB4	92828	167151	10.48%	0.954%
67	14.281	2035	2044	2053	rBV2	417468	1055192	66.16%	6.025%
68	14.391	2058	2062	2065	rBV	196573	326391	20.47%	1.864%
69	14.464	2070	2074	2080	rVB5	160145	322634	20.23%	1.842%
70	14.726	2114	2117	2123	rVB3	151749	245574	15.40%	1.402%
71	14.873	2133	2141	2145	rBV2	232390	463294	29.05%	2.645%
72	14.940	2149	2152	2156	rVB	172906	252924	15.86%	1.444%
73	14.995	2157	2161	2164	rBV2	136006	239534	15.02%	1.368%
74	15.086	2173	2176	2179	rBV4	39298	61635	3.86%	0.352%
75	15.269	2201	2206	2210	rBV3	185739	360275	22.59%	2.057%
76	15.446	2231	2235	2238	rBV4	45385	91801	5.76%	0.524%

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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

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Title : SW846 8260

77	16.470	2399	2403	2417	rVB7	88815	238479	14.95%	1.362%
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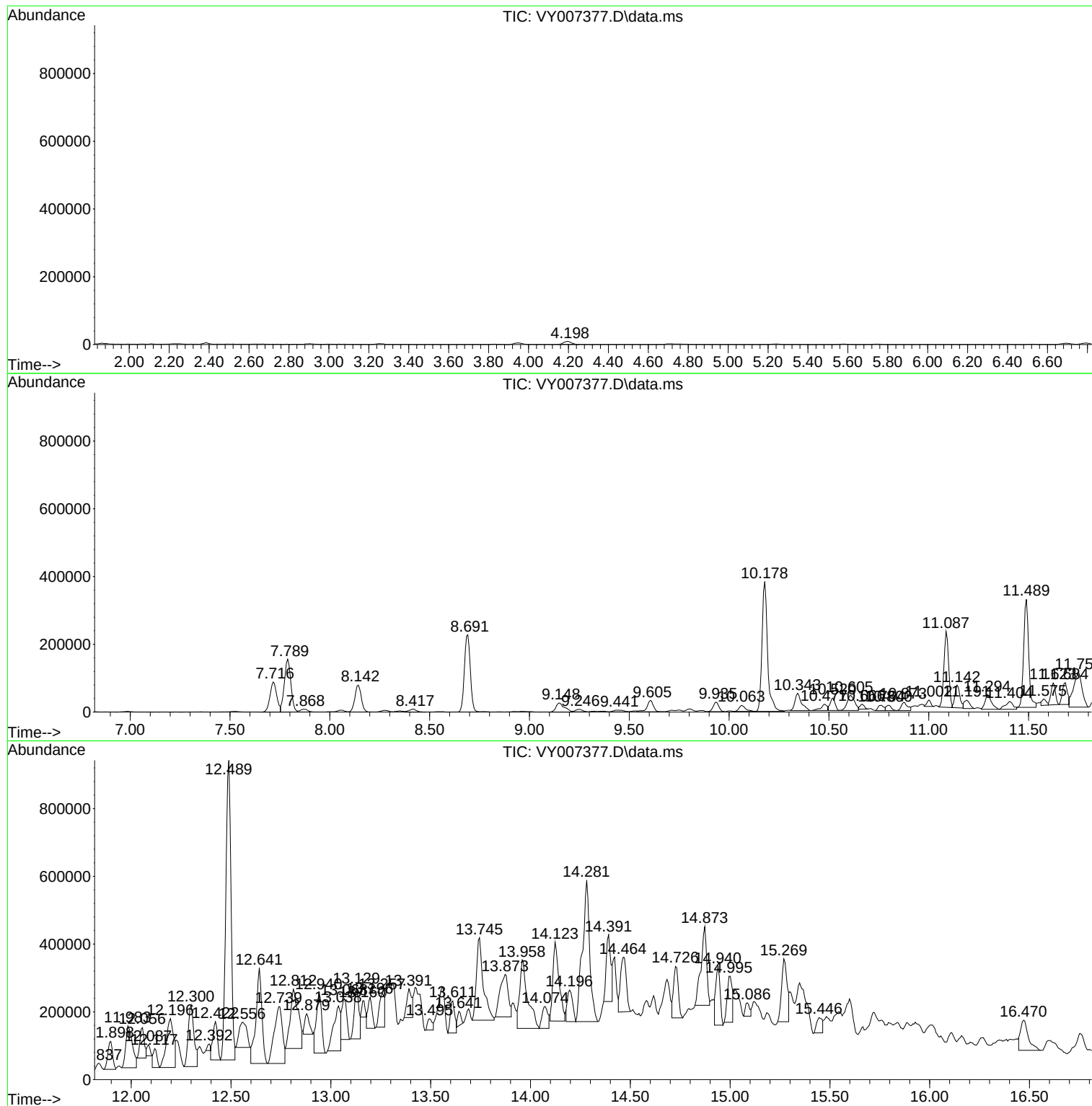
Sum of corrected areas: 17514348

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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



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MSVOA_Y
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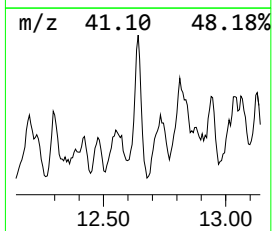
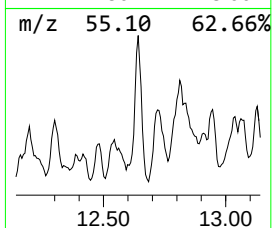
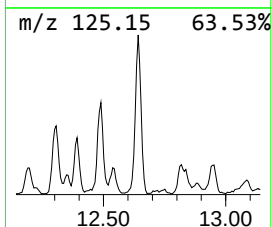
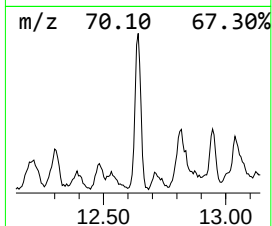
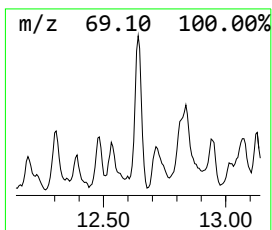
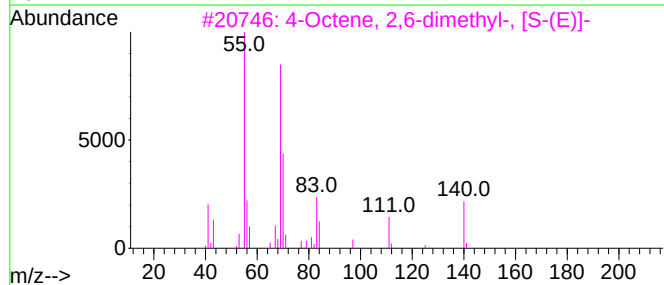
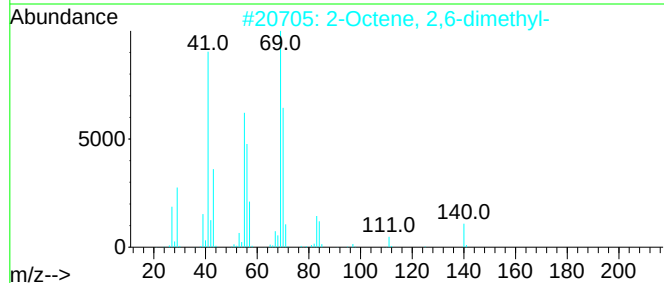
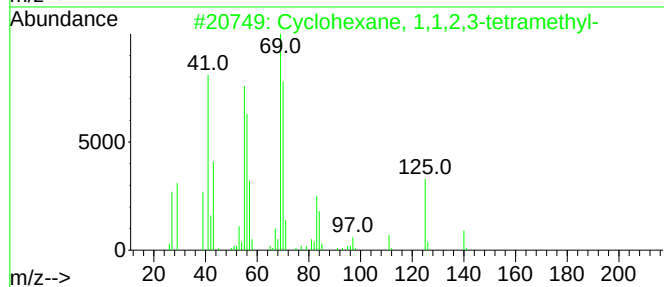
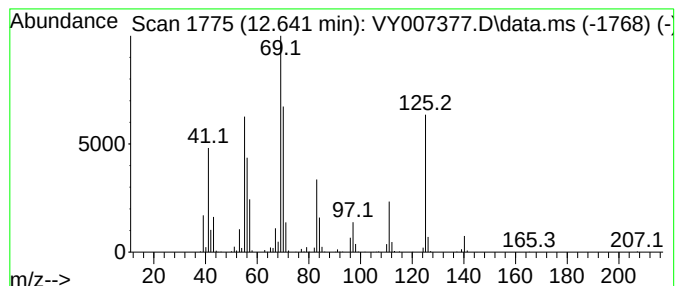
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	194.87 ug/l	577835	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5			3-Ethyl-4-octene	140	C10H20	019781-32-9	38



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

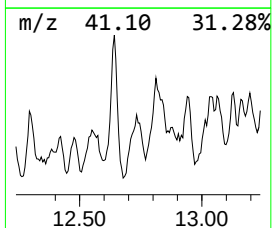
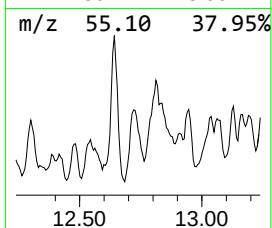
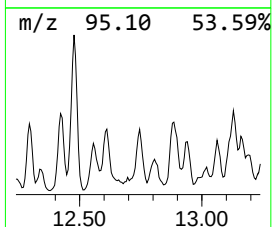
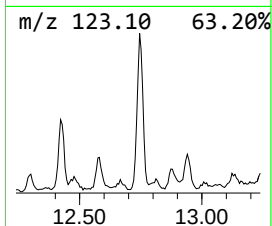
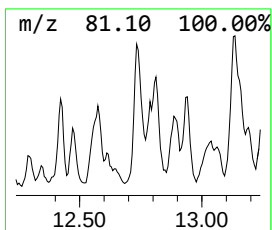
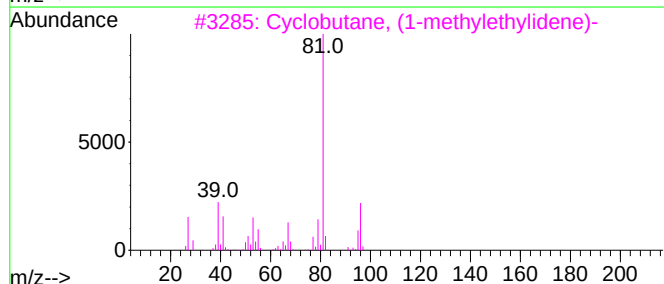
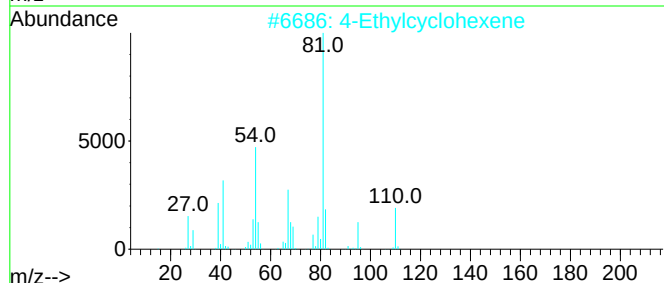
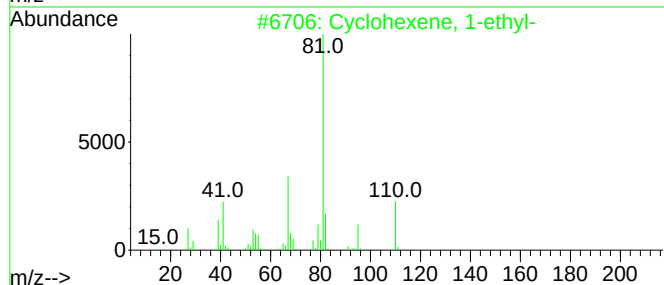
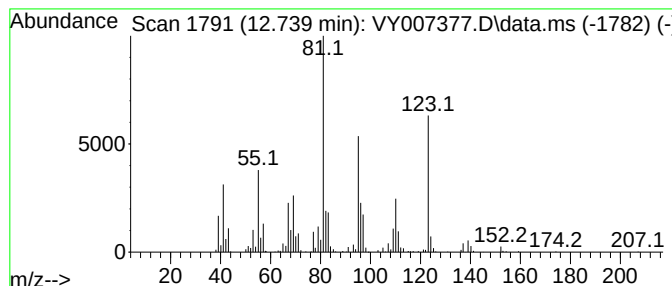
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.739 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	162.54 ug/l	481987	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	45
2			4-Ethylcyclohexene	110	C8H14	003742-42-5	38
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5			Hexahydroindole	123	C8H13N	018159-32-5	35



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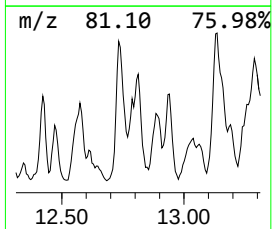
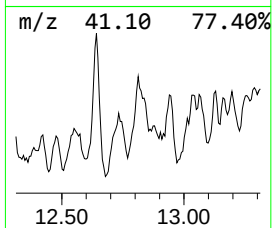
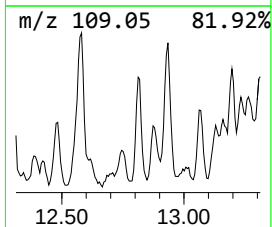
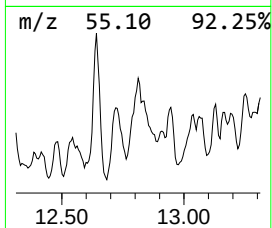
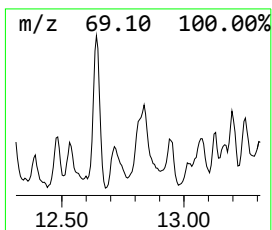
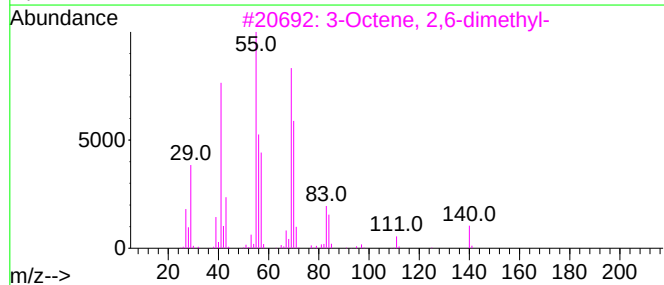
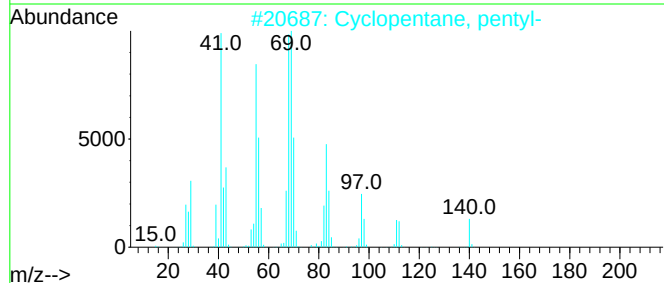
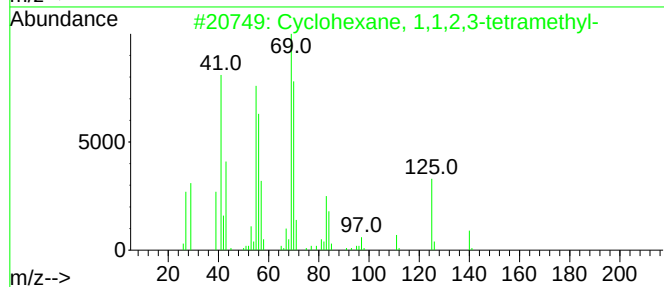
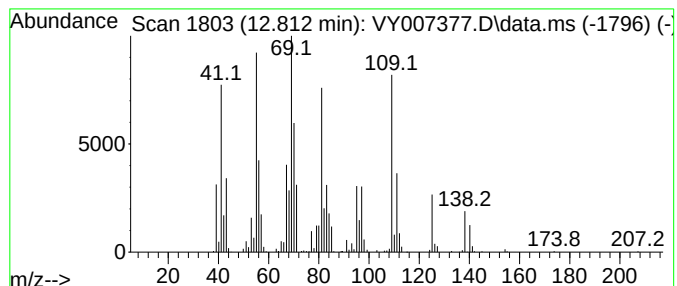
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.812 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	166.78 ug/l	494553	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	41
2			Cyclopentane, pentyl-	140	C10H20	003741-00-2	38
3			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	30
4			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	25
5			2,6-Octadiene	110	C8H14	004974-27-0	22



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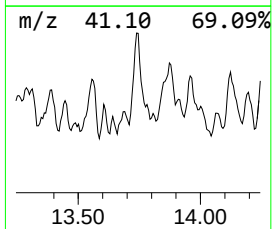
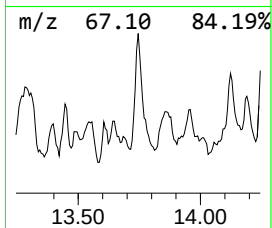
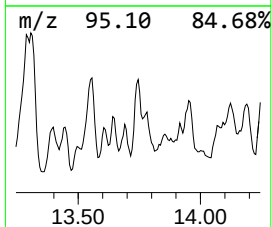
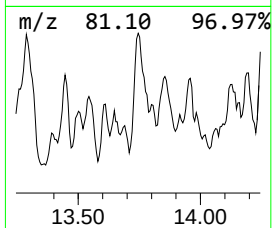
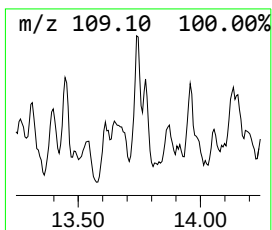
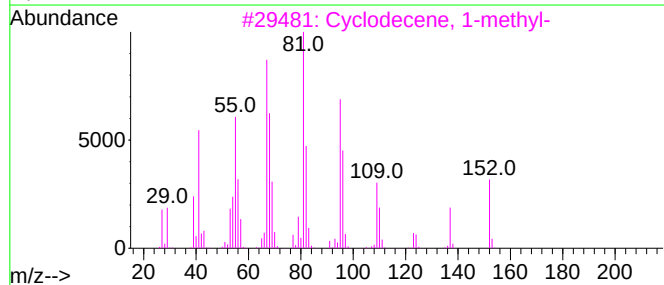
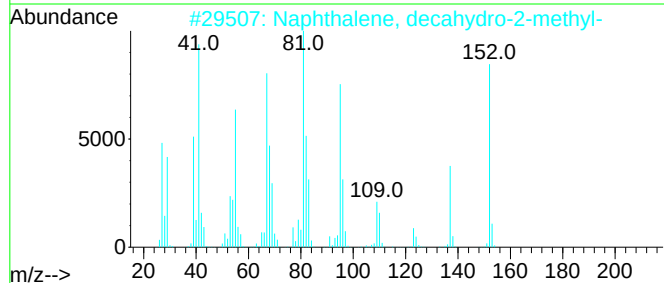
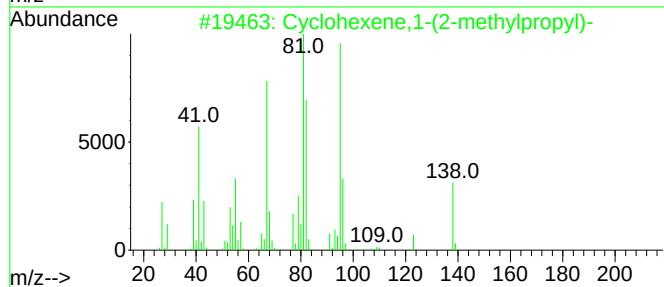
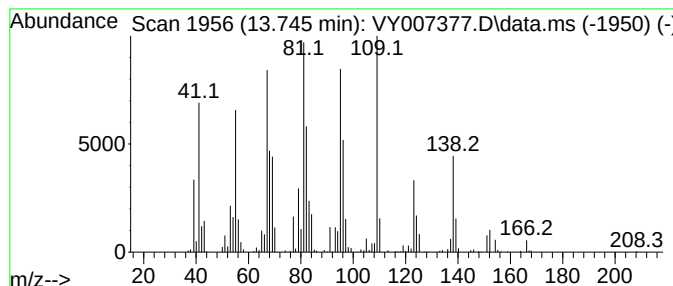
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexene,1-(2-methylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.745	196.81 ug/l	583596	1,4-Dichlorobenzene-d4			13.422
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexene,1-(2-methylpropyl)-		138	C10H18	003983-03-7	70
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	70
3	Cyclodecene, 1-methyl-		152	C11H20	066633-38-3	68
4	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	029606-79-9	64
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...		138	C9H14O	000513-20-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/soil
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

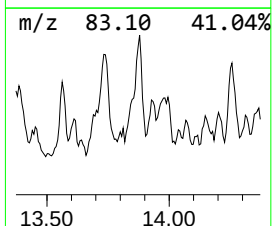
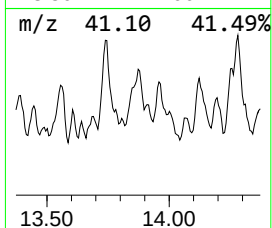
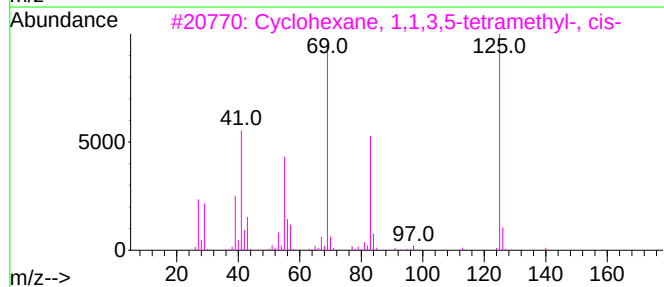
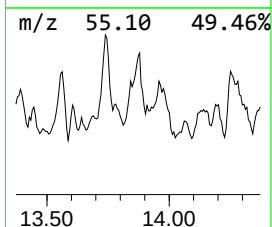
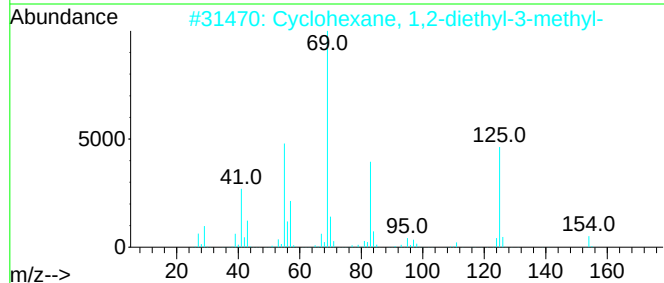
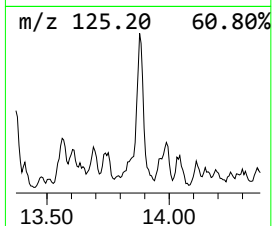
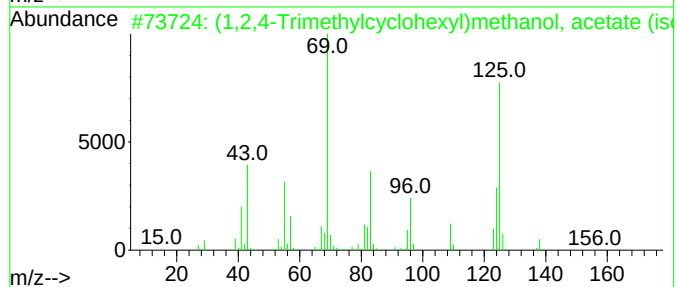
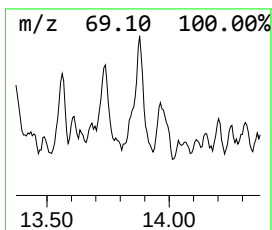
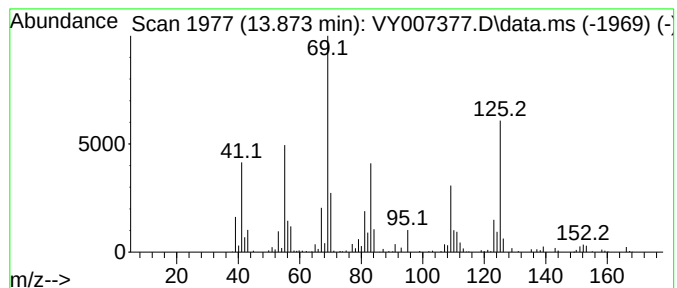
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Quant Title : SW846 8260

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

Peak Number 5 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	121.65 ug/l	360712	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	64
2			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	59
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
4			Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	53
5			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

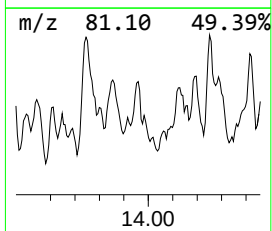
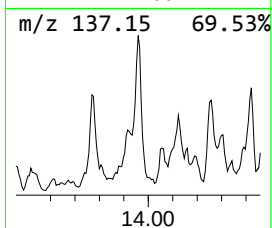
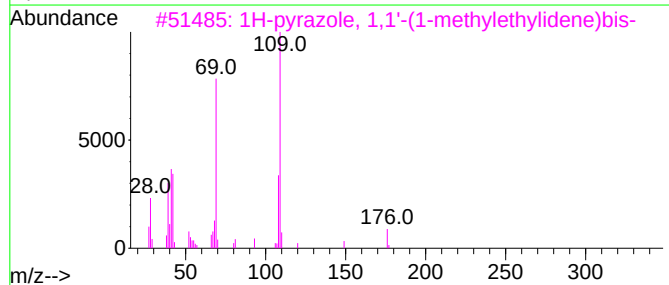
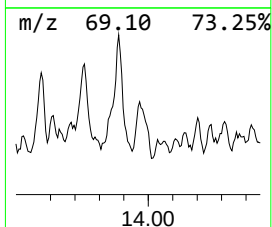
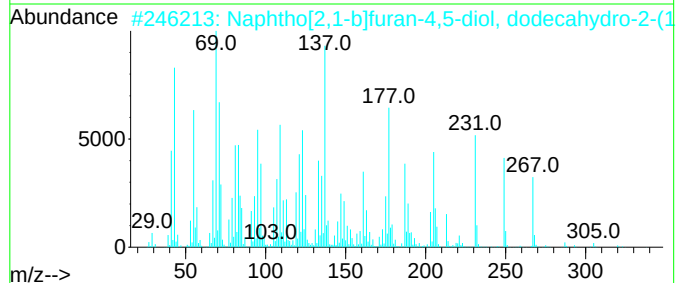
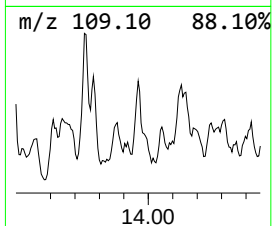
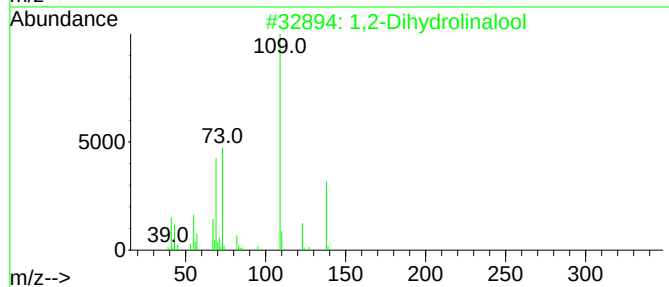
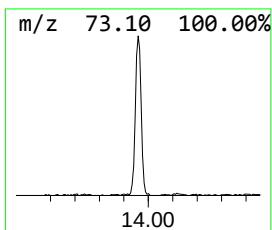
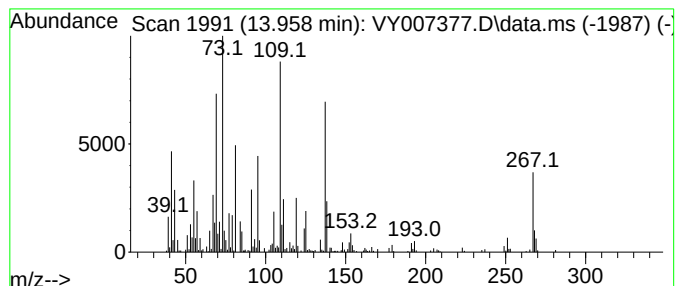
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.958 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.958	186.97 ug/l	554416	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dihydrolinalool	156	C10H20O	018479-51-1	43
2			Naphtho[2,1-b]furan-4,5-diol, do...	338	C20H34O4	1379769-85-3	43
3			1H-pyrazole, 1,1'-(1-methylethyl...	176	C9H12N4	1000404-73-3	35
4			5-Ethoxy-2-methyl-pyridine	137	C8H11NO	055270-48-9	25
5			4-Triethylsilylbut-1-en-3-yne	166	C10H18Si	001693-70-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

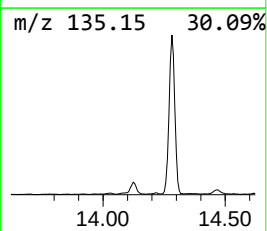
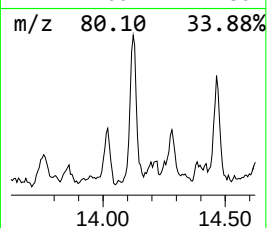
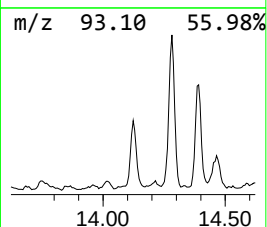
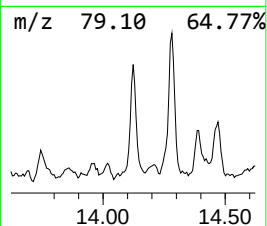
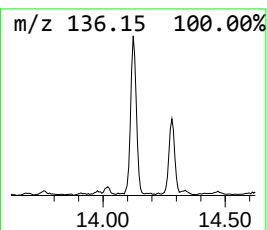
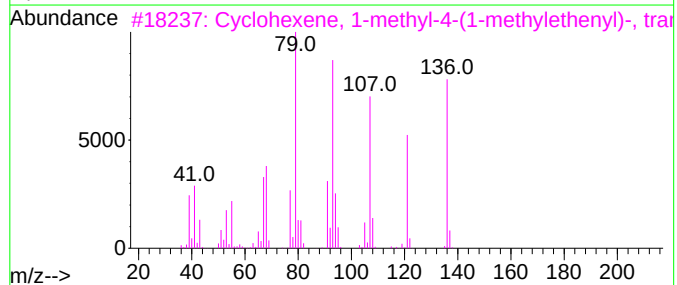
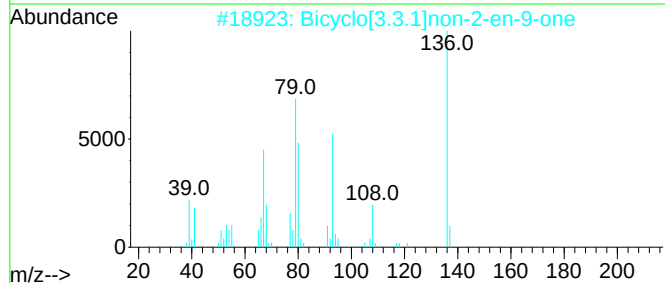
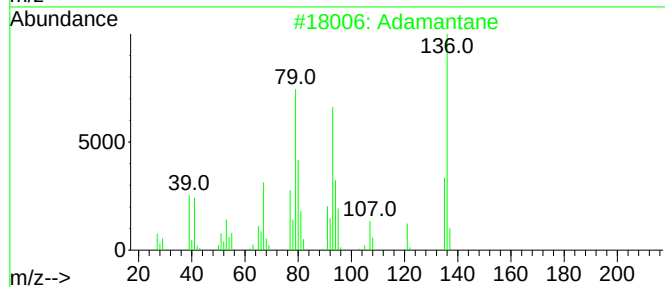
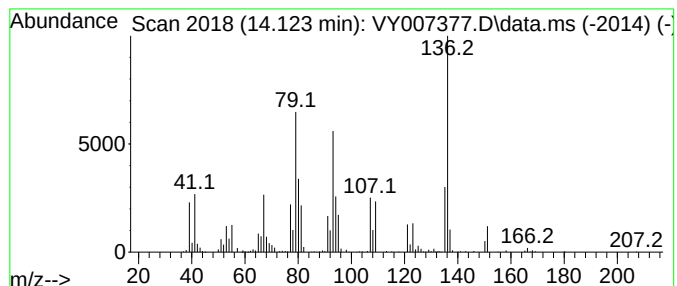
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 7 Adamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	167.92 ug/l	497930	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	96
2			Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	62
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	006876-12-6	58
4			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	58
5			1,4-Benzenediamine, 2,3-dimethyl-	136	C8H12N2	005306-96-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

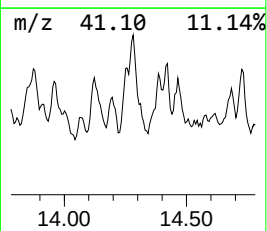
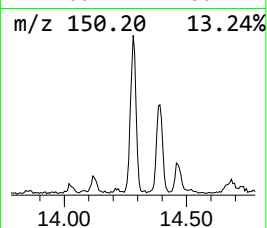
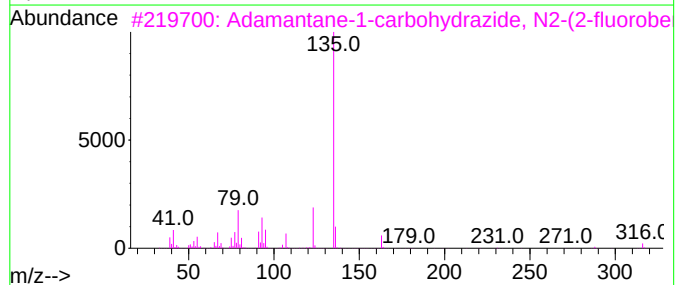
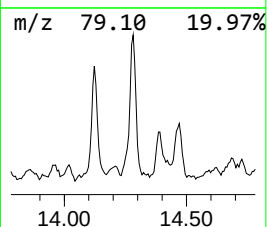
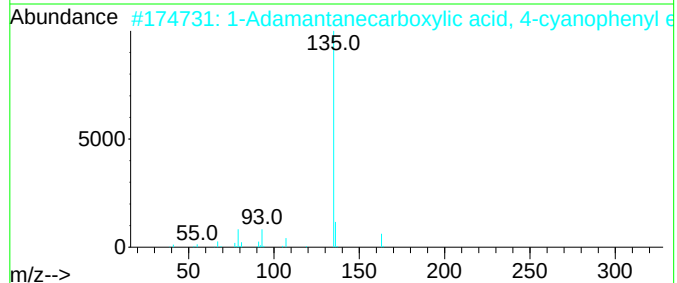
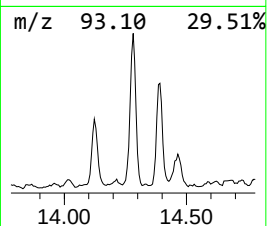
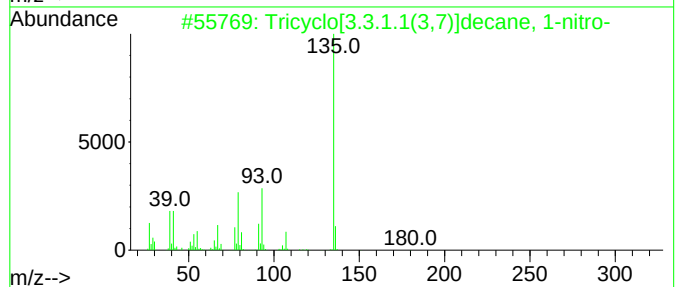
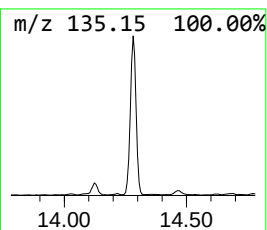
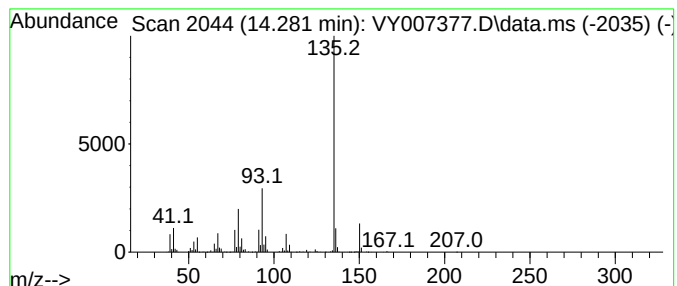
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Quant Title : SW846 8260

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

Peak Number 8 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.281	355.85 ug/l	1055190	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	86
2			1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1010307-66-3	80
3			Adamantane-1-carbohydrazide, N2-...	316	C18H21FN2O2	332037-11-3	80
4			1-Bromoadamantane	214	C10H15Br	000768-90-1	80
5			2-(Adamantan-1-yloxy)-6-chloropy...	263	C15H18ClNO	1000411-33-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

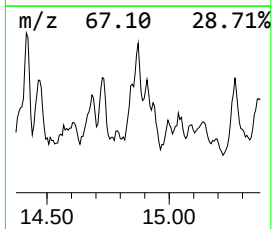
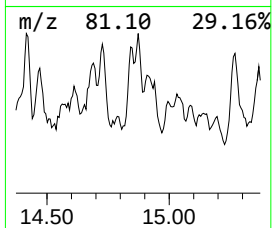
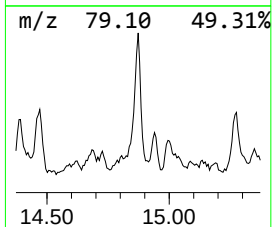
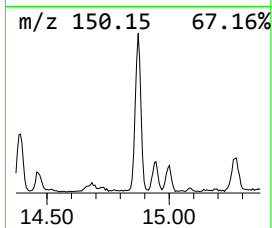
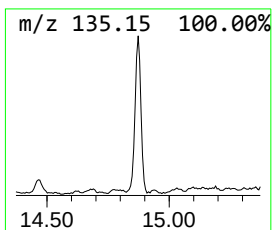
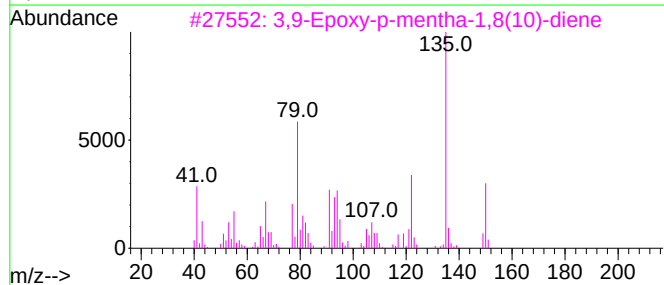
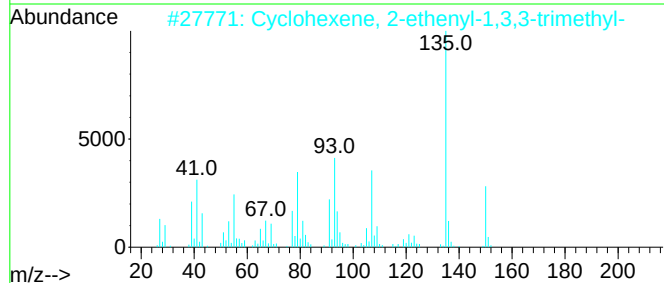
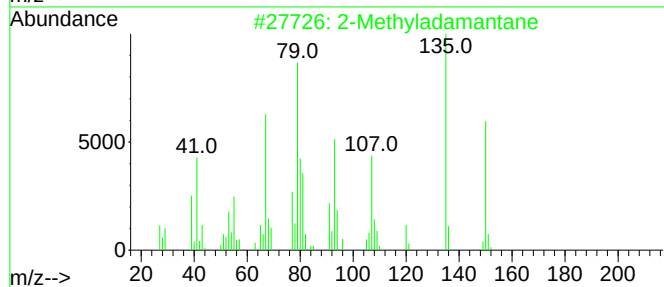
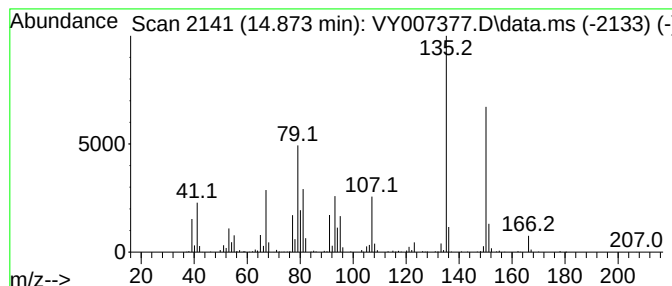
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 9 2-Methyladamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	156.24 ug/l	463294	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	91
2			Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	87
3			3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	81
4			Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	80
5			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007377.D
Acq On : 03 Feb 2022 15:40
Operator : SY/MD
Sample : N1381-01
Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,...	12.642	194.9	ug/l	577835	4	13.422	148263	50.0
unknown12.739	12.739	162.5	ug/l	481987	4	13.422	148263	50.0
unknown12.812	12.812	166.8	ug/l	494553	4	13.422	148263	50.0
Cyclohexene,1-(...	13.745	196.8	ug/l	583596	4	13.422	148263	50.0
(1,2,4-Trimethy...	13.873	121.7	ug/l	360712	4	13.422	148263	50.0
unknown13.958	13.958	187.0	ug/l	554416	4	13.422	148263	50.0
Adamantane	14.123	167.9	ug/l	497930	4	13.422	148263	50.0
Tricyclo[3.3.1....	14.281	355.9	ug/l	1055190	4	13.422	148263	50.0
2-Methyladamantane	14.873	156.2	ug/l	463294	4	13.422	148263	50.0