

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012117.D
 Acq On : 09 Jan 2023 17:44
 Operator : KP/MD
 Sample : 01067-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7822

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\82Y010623S.M
 Title : SW846 8260

Signal : TIC: VY012117.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	37	42	47	rBV	14995	19272	2.22%	0.271%
2	4.716	464	475	488	rBV2	15699	47345	5.46%	0.666%
3	4.942	498	512	520	rBV5	2423	9208	1.06%	0.129%
4	5.753	636	645	654	rVB3	3463	10833	1.25%	0.152%
5	6.972	832	845	858	rBV	25845	78662	9.07%	1.106%
6	7.716	957	967	973	rBV	125394	300508	34.65%	4.225%
7	7.789	973	979	992	rVB	217704	487948	56.26%	6.860%
8	8.142	1024	1037	1048	rBV2	123595	297241	34.27%	4.179%
9	8.691	1118	1127	1139	rBV	327404	636510	73.39%	8.948%
10	10.179	1363	1371	1378	rBV	518866	867256	100.00%	12.192%
11	10.246	1378	1382	1389	rVB	8680	15615	1.80%	0.220%
12	10.581	1430	1437	1445	rBV2	23941	41891	4.83%	0.589%
13	10.947	1490	1497	1506	rBV	35522	62856	7.25%	0.884%
14	11.319	1547	1558	1564	rBV	11377	18340	2.11%	0.258%
15	11.489	1579	1586	1598	rBV	476719	778048	89.71%	10.938%
16	11.697	1614	1620	1626	rBV	13370	22983	2.65%	0.323%
17	12.032	1669	1675	1682	rBV	9411	15859	1.83%	0.223%
18	12.483	1742	1749	1757	rBV2	401946	639894	73.78%	8.996%
19	12.739	1784	1791	1797	rBV3	4017	9301	1.07%	0.131%
20	12.818	1799	1804	1811	rVB2	12090	22786	2.63%	0.320%
21	13.123	1849	1854	1859	rBV	13954	22625	2.61%	0.318%
22	13.190	1859	1865	1870	rVB8	4634	10147	1.17%	0.143%
23	13.428	1893	1904	1913	rVV	456651	741977	85.55%	10.431%
24	13.623	1930	1936	1938	rBV5	10456	16200	1.87%	0.228%
25	13.666	1939	1943	1950	rVB	10395	19108	2.20%	0.269%
26	13.745	1950	1956	1960	rBV7	17772	34369	3.96%	0.483%
27	13.916	1982	1984	1988	rVB2	8444	9422	1.09%	0.132%
28	13.971	1988	1993	2002	rVB4	27818	52107	6.01%	0.733%
29	14.080	2006	2011	2015	rBV4	22083	40930	4.72%	0.575%
30	14.129	2015	2019	2027	rVB6	24161	48195	5.56%	0.678%
31	14.215	2027	2033	2037	rBV7	22768	50000	5.77%	0.703%
32	14.257	2037	2040	2041	rBV	20653	23630	2.72%	0.332%
33	14.288	2041	2045	2050	rVB3	53085	84484	9.74%	1.188%
34	14.336	2050	2053	2057	rVB	25535	33201	3.83%	0.467%
35	14.391	2057	2062	2065	rBV2	49884	85031	9.80%	1.195%
36	14.465	2070	2074	2080	rVB6	31675	67490	7.78%	0.949%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

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\82Y010623S.M

Title : SW846 8260

37	14.617	2096	2099	2103	rVB3	21301	27267	3.14%	0.383%
38	14.678	2103	2109	2115	rBV4	71853	172611	19.90%	2.427%
39	14.733	2116	2118	2124	rVB6	32122	43727	5.04%	0.615%
40	14.788	2124	2127	2130	rBV5	15223	25987	3.00%	0.365%
41	14.836	2131	2135	2138	rBV3	45090	79127	9.12%	1.112%
42	14.873	2138	2141	2147	rVB	81630	130242	15.02%	1.831%
43	14.946	2148	2153	2157	rBV3	98961	169278	19.52%	2.380%
44	15.001	2158	2162	2165	rBV2	55598	94726	10.92%	1.332%
45	15.281	2203	2208	2215	rBV6	80680	240913	27.78%	3.387%
46	15.726	2277	2281	2286	rVB4	90531	152834	17.62%	2.149%
47	16.117	2341	2345	2349	rBV6	32976	61077	7.04%	0.859%
48	16.226	2359	2363	2371	rBV3	91596	194177	22.39%	2.730%

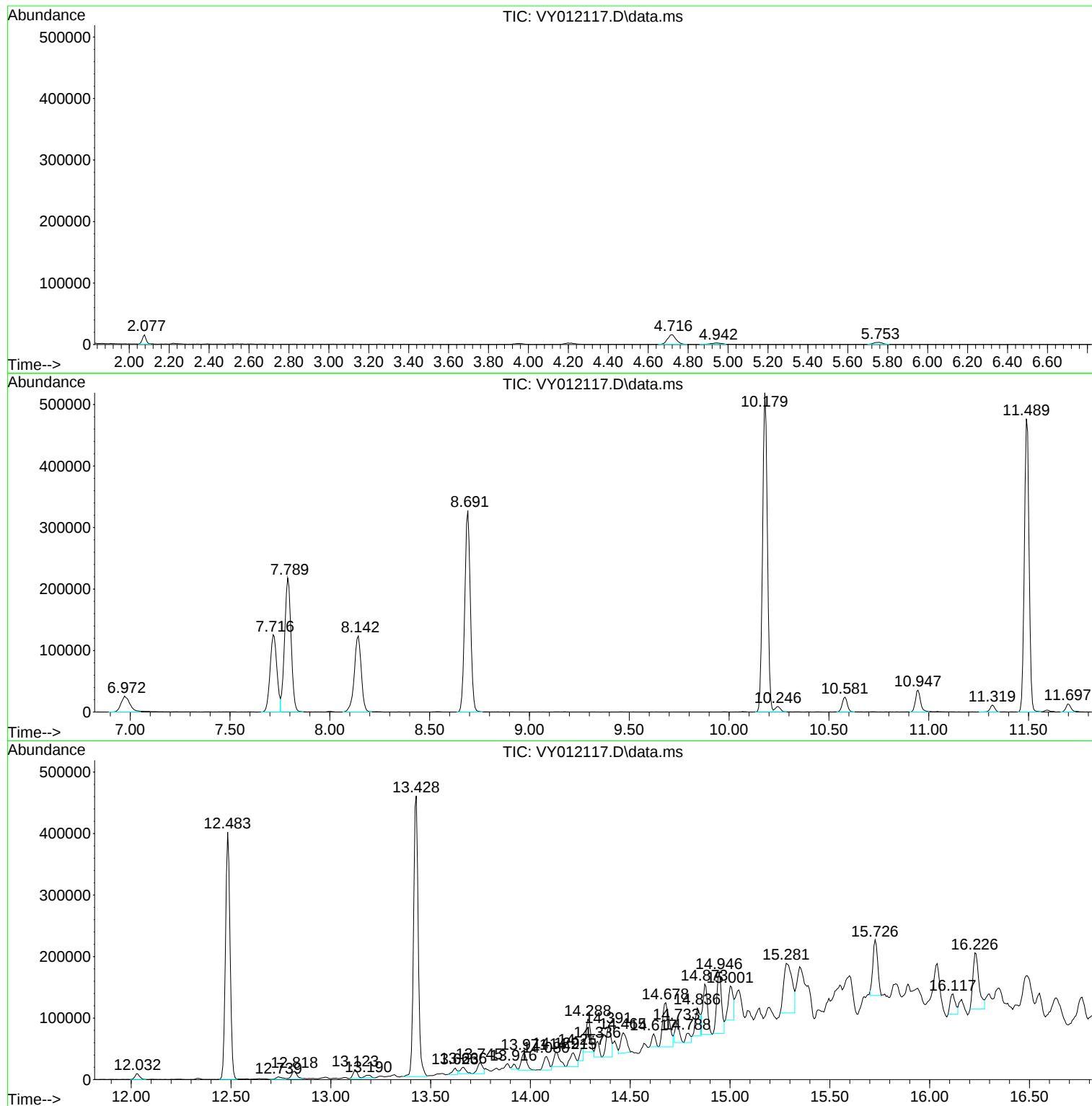
Sum of corrected areas: 7113238

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

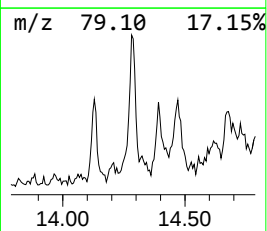
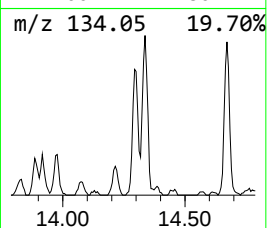
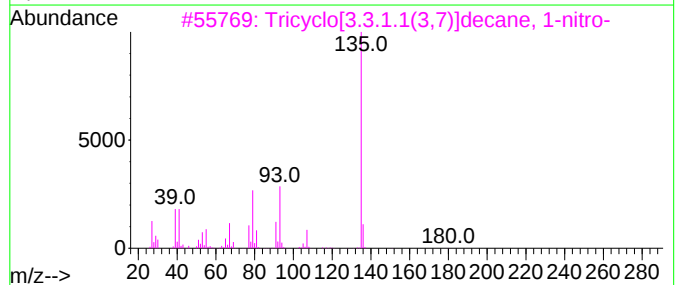
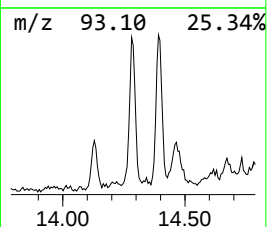
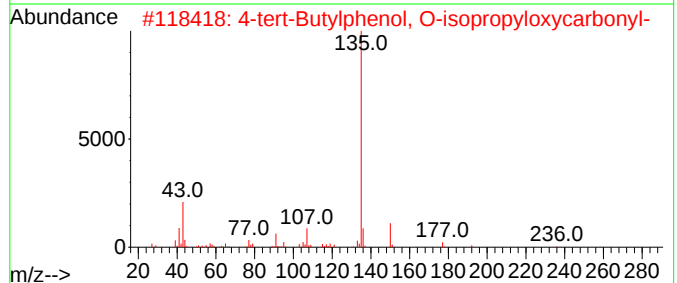
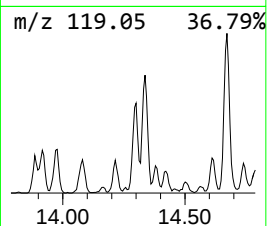
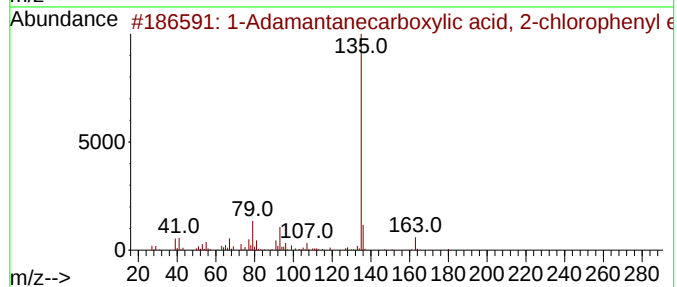
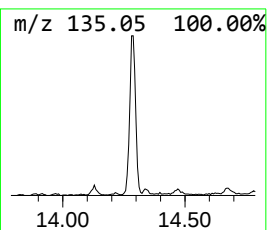
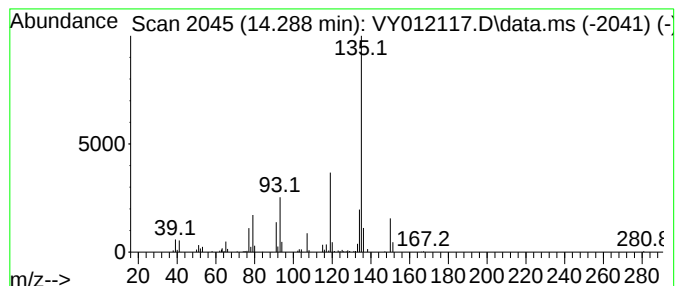
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Adamantanecarboxylic acid... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.288	5.69 ug/l	84484	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Adamantanecarboxylic acid, 2-c...	290	C17H19ClO2	1000293-75-4	52
2			4-tert-Butylphenol, O-isopropyl...	236	C14H20O3	1201410-82-3	47
3			Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	47
4			Adamantan-1-ylaminoacetic acid	209	C12H19NO2	1000316-74-7	47
5			1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

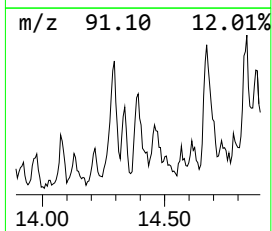
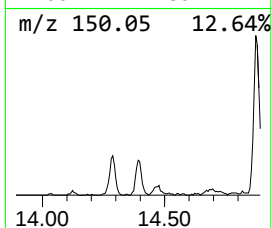
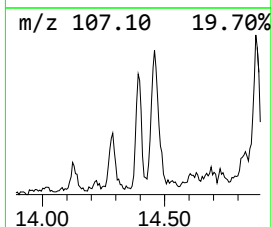
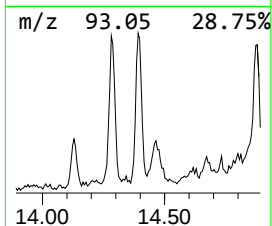
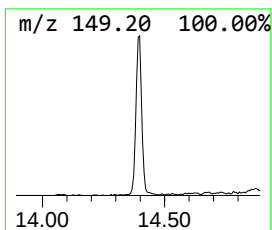
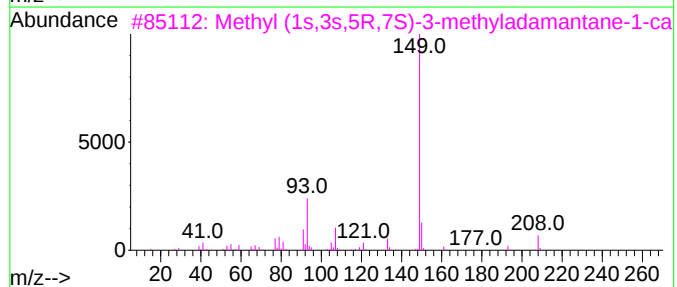
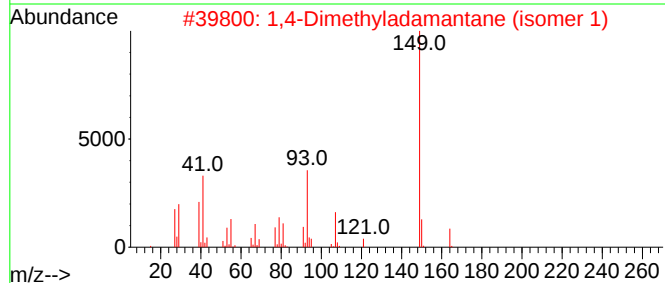
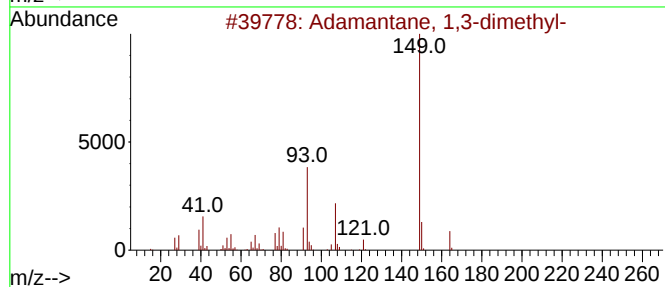
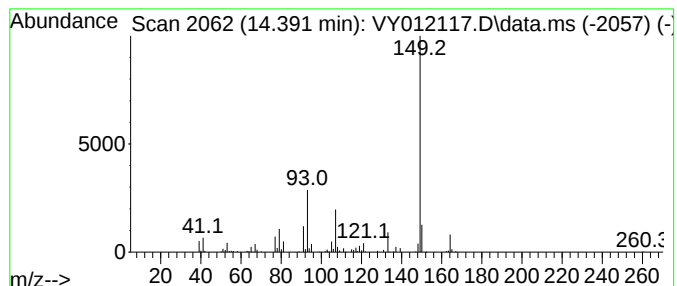
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.391	5.73 ug/l	85031	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	87
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	80
3			Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	64
4			Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	53
5			4-benzoxazolol, 2-methyl-, aceta...	191	C10H9NO3	1000395-96-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

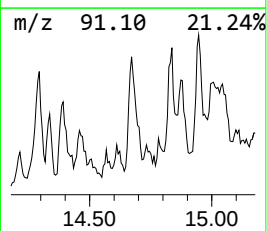
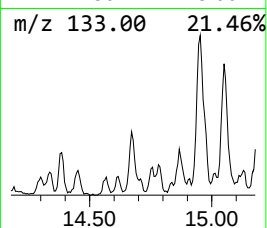
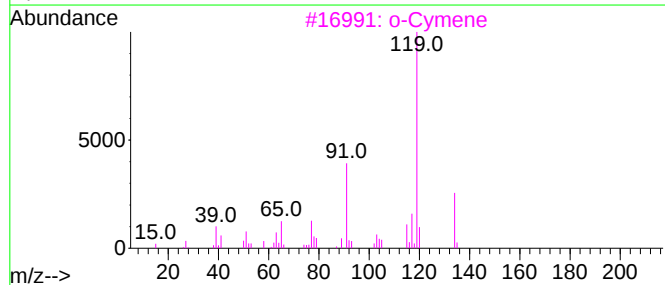
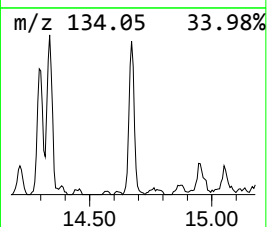
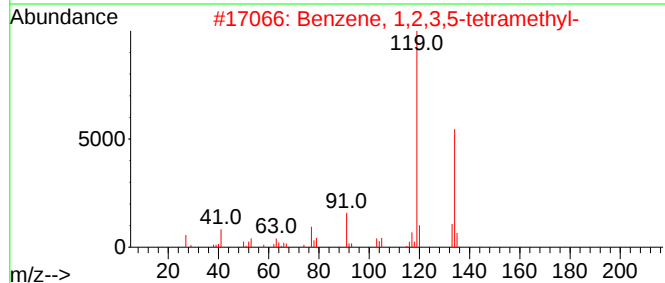
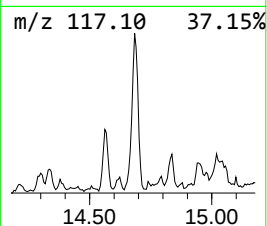
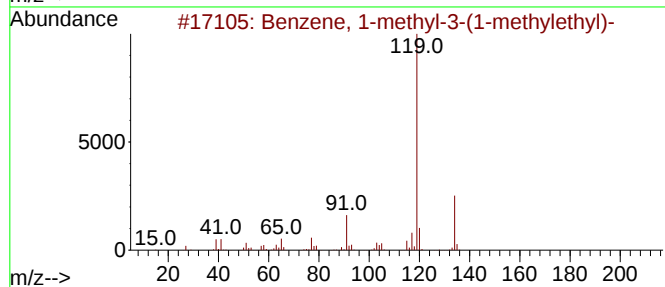
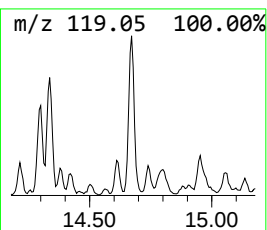
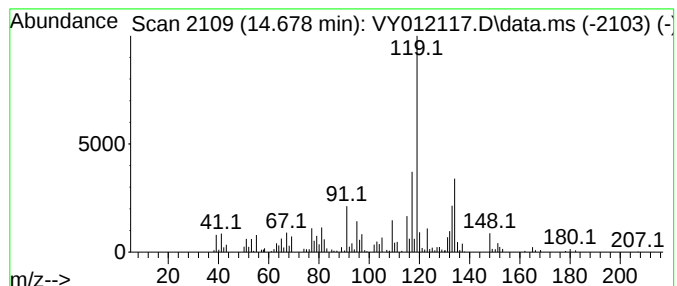
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	11.63 ug/l	172611	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3			o-Cymene	134	C10H14	000527-84-4	60
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	58
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

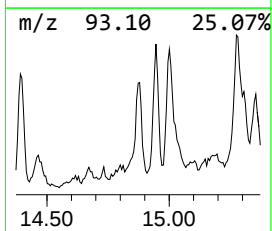
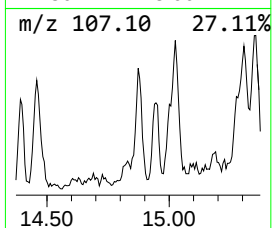
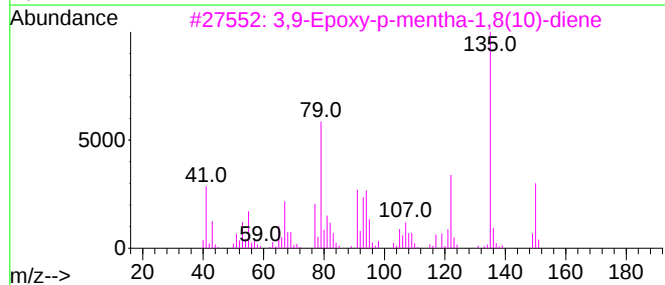
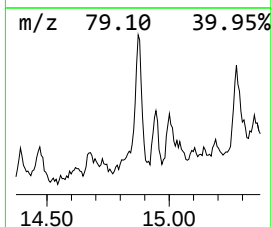
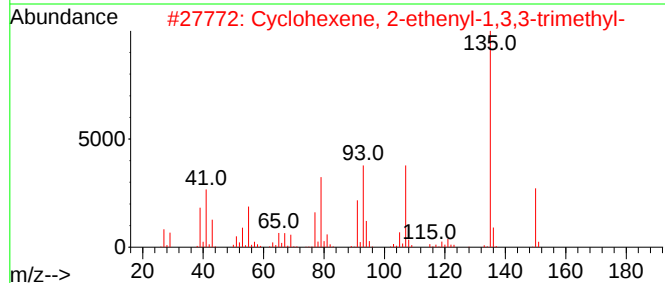
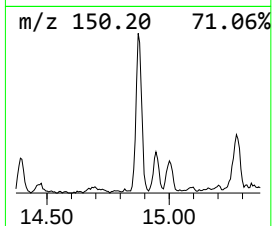
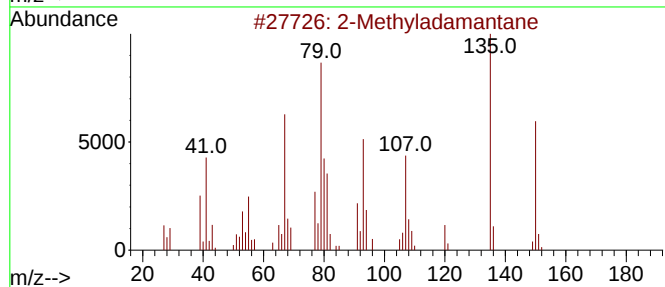
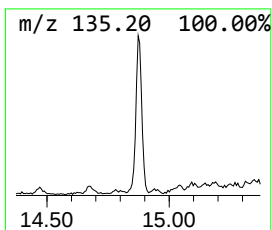
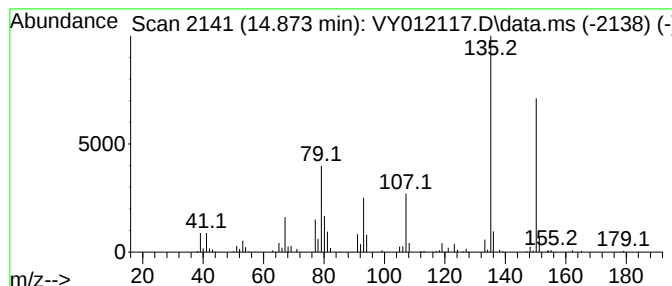
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Methyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	8.78 ug/l	130242	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	87
2			Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	80
3			3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	74
4			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
5			1-Adamantanemethylamine	165	C11H19N	017768-41-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

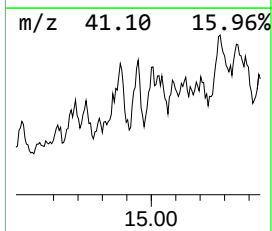
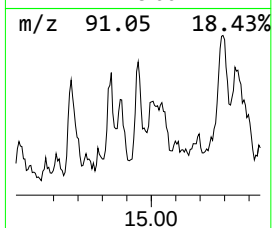
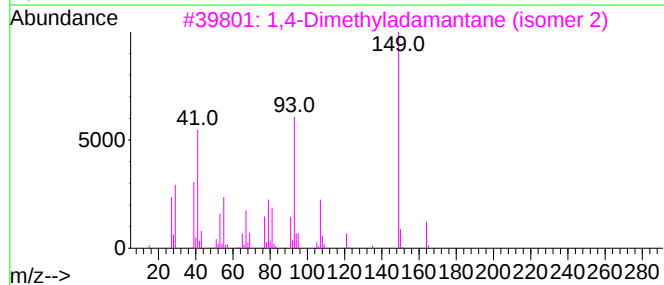
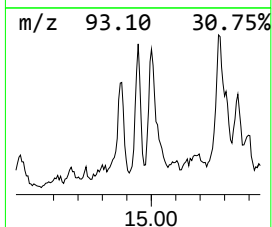
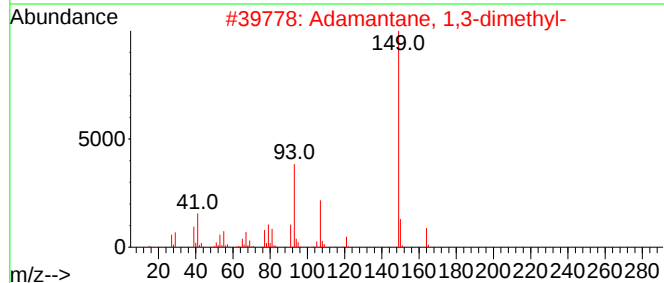
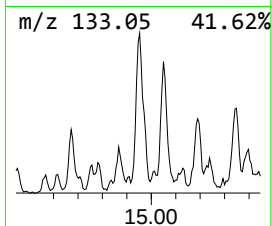
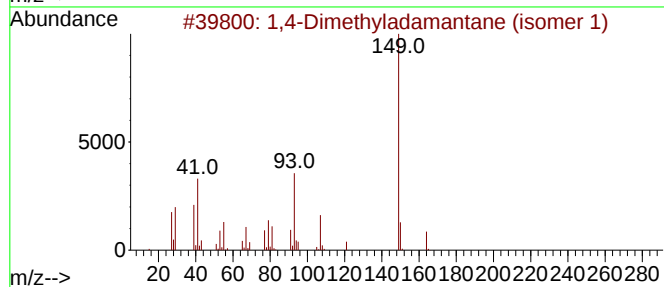
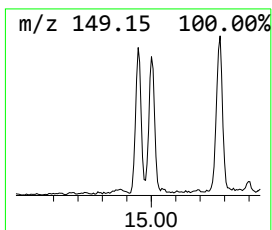
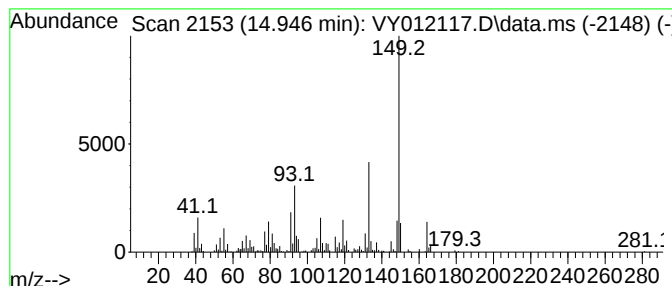
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 6 1,4-Dimethyladamantane (iso... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	11.41 ug/l	169278	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	64
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	64
3			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	58
4			Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	53
5			Added stereo to name	164	C12H20	024145-89-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

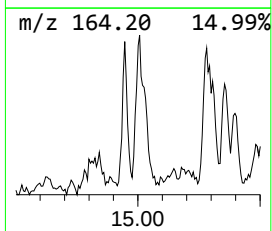
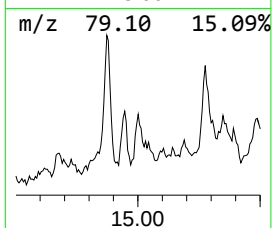
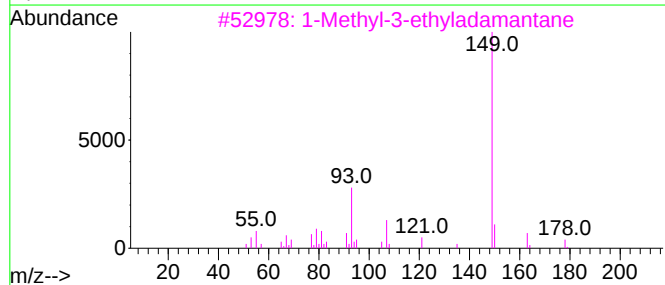
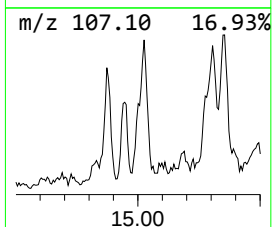
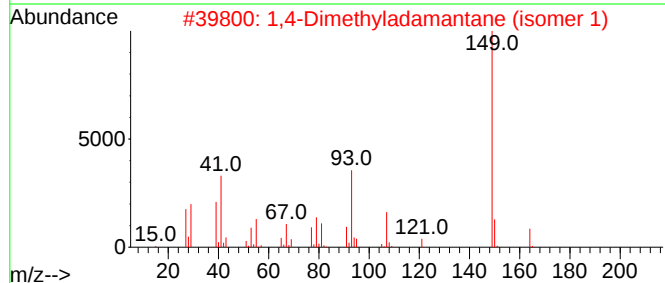
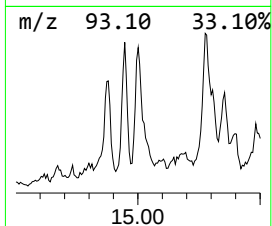
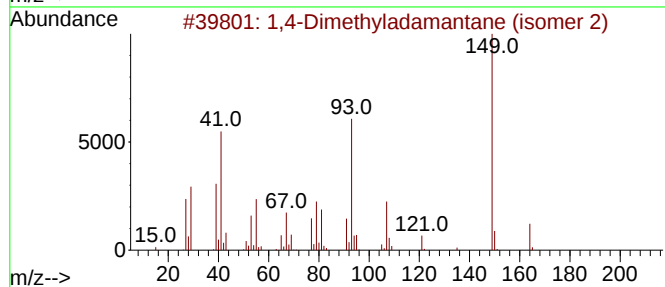
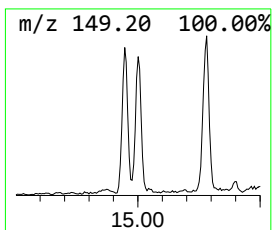
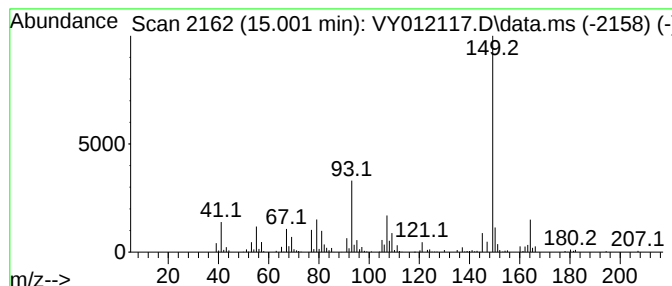
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 7 1,4-Dimethyladamantane (iso... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.001	6.38 ug/l	94726	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	91
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	87
3			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64
4			3-Methyl-1-adamantanecarboxylic ...	194	C12H18O2	1000504-38-9	64
5			Pyridine, pentamethyl-	149	C10H15N	003748-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

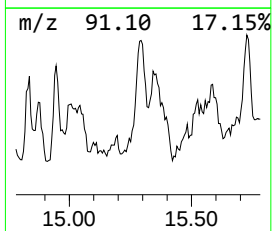
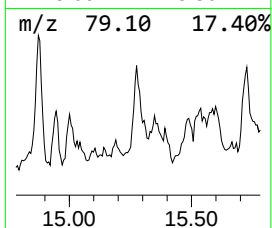
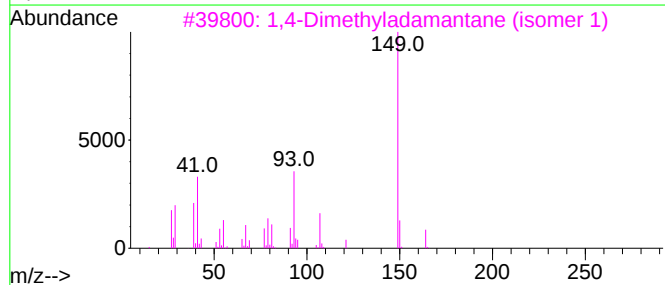
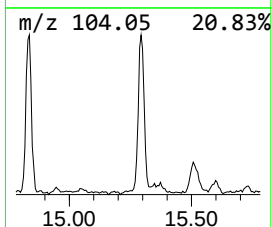
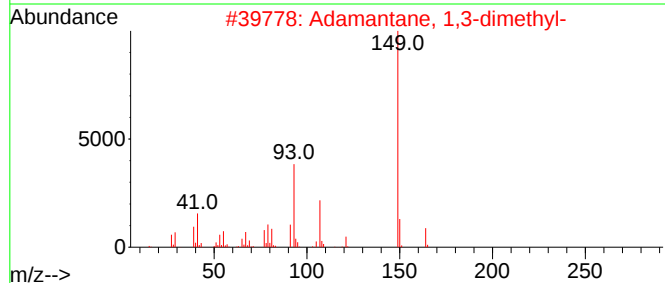
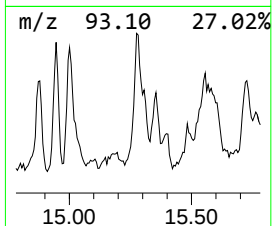
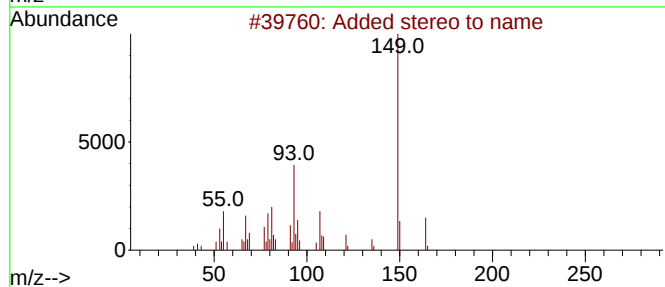
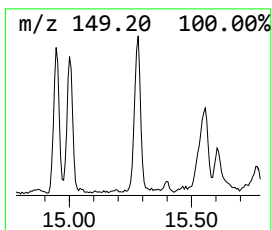
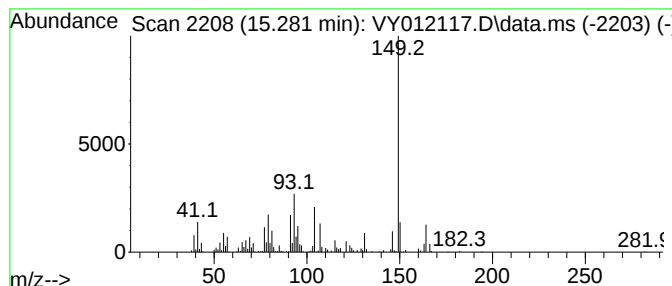
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 8 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	16.23 ug/l	240913	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	89
2	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	58
3	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	53
4	Tricyclo[4.3.1.1(3,8)]undecane-3...			208	C13H2002	031061-61-7	53
5	1,4-Dimethyladamantane (isomer 2)			164	C12H20	1000460-67-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

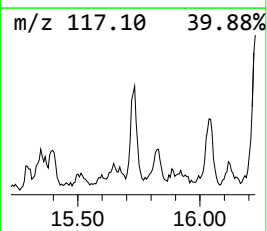
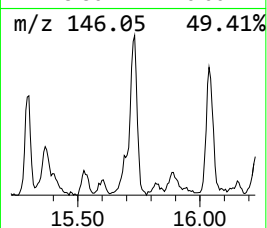
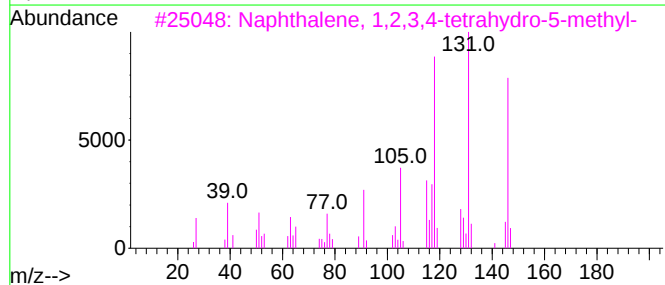
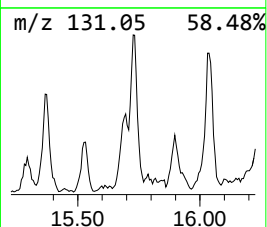
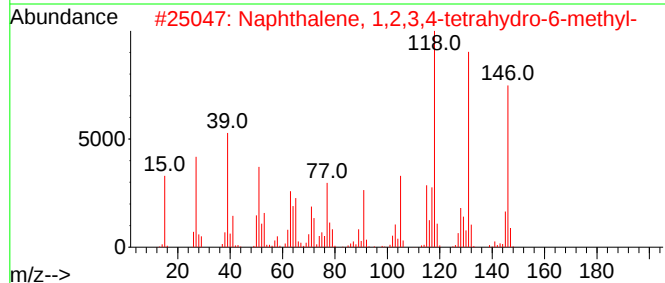
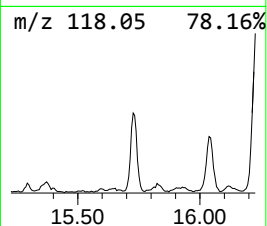
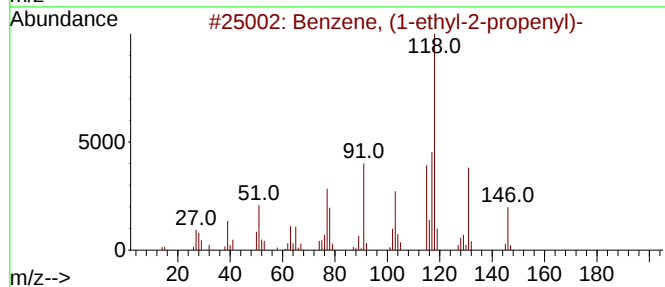
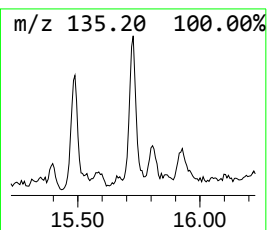
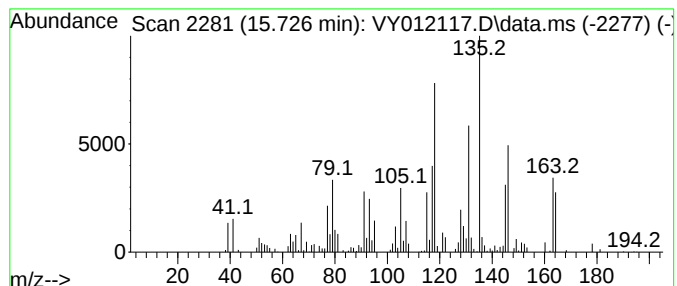
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	10.30 ug/l	152834	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
4			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	45
5			3-Phenylthiane	178	C11H14S	040324-32-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

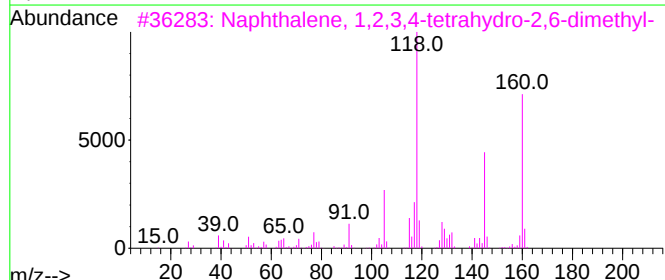
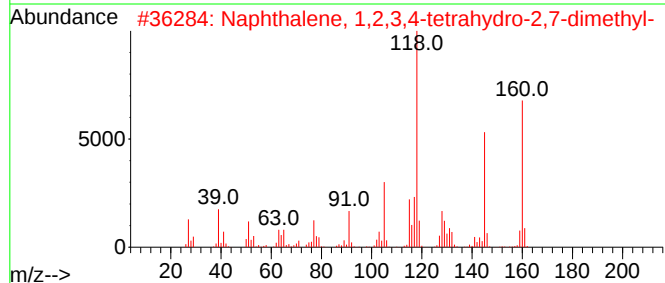
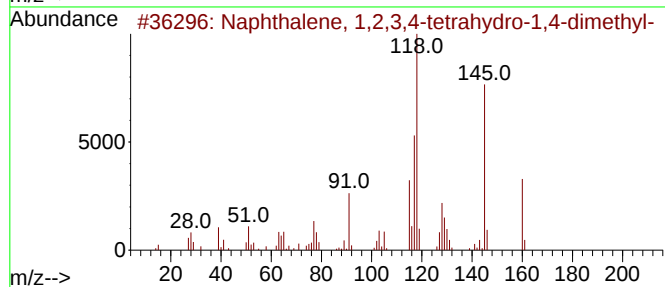
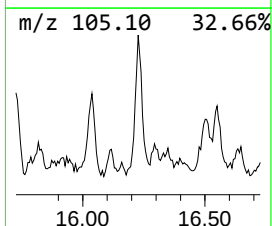
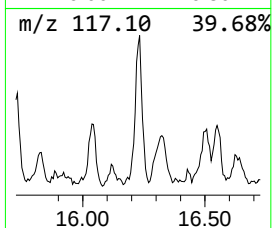
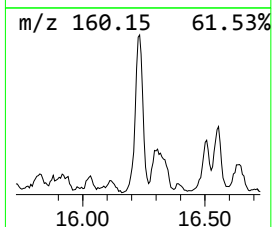
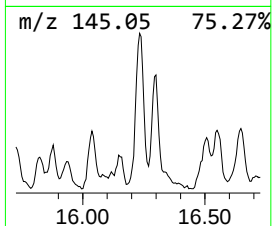
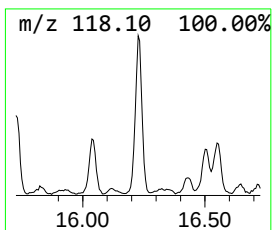
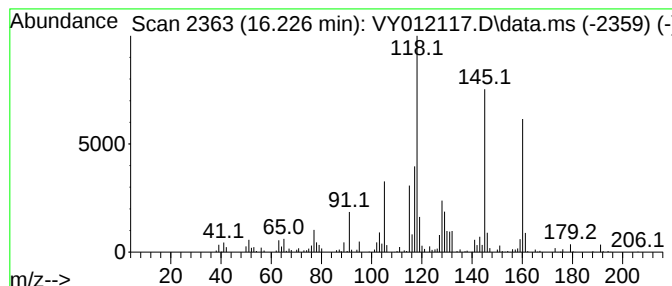
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	13.09 ug/l	194177	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	90
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
5			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012117.D
Acq On : 09 Jan 2023 17:44
Operator : KP/MD
Sample : 01067-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
7822

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.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
1-Adamantanecar...	14.288	5.7	ug/l	84484	4	13.428	741977	50.0
Adamantane, 1,3...	14.391	5.7	ug/l	85031	4	13.428	741977	50.0
Benzene, 1-meth...	14.678	11.6	ug/l	172611	4	13.428	741977	50.0
2-Methyladamantane	14.873	8.8	ug/l	130242	4	13.428	741977	50.0
1,4-Dimethylada...	14.946	11.4	ug/l	169278	4	13.428	741977	50.0
1,4-Dimethylada...	15.001	6.4	ug/l	94726	4	13.428	741977	50.0
Tricyclo[4.3.1....	15.281	16.2	ug/l	240913	4	13.428	741977	50.0
Benzene, (1-eth...	15.727	10.3	ug/l	152834	4	13.428	741977	50.0
Naphthalene, 1,...	16.226	13.1	ug/l	194177	4	13.428	741977	50.0