

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013649.D
 Acq On : 08 May 2023 15:12
 Operator : KP/MD
 Sample : 02652-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLAY-LINER

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: VY013649.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	59	65	75	rBV2	13889	28618	2.38%	0.310%
2	4.710	464	474	487	rBV2	34368	109916	9.13%	1.189%
3	5.747	631	644	654	rBV6	6411	21685	1.80%	0.235%
4	6.978	835	846	859	rBV3	15506	54948	4.56%	0.594%
5	7.716	955	967	973	rBV	178289	434613	36.08%	4.701%
6	7.789	973	979	993	rVB	278742	647477	53.75%	7.004%
7	8.136	1024	1036	1048	rBV	174727	392331	32.57%	4.244%
8	8.685	1115	1126	1141	rBV	437435	890432	73.93%	9.632%
9	10.179	1363	1371	1380	rBV	713488	1204500	100.00%	13.029%
10	10.581	1426	1437	1444	rBV	15213	29011	2.41%	0.314%
11	10.941	1490	1496	1502	rBV	31117	51007	4.23%	0.552%
12	11.489	1578	1586	1600	rBV	658433	1080651	89.72%	11.689%
13	12.477	1740	1748	1759	rBV	496125	813259	67.52%	8.797%
14	12.812	1796	1803	1814	rBV5	11387	27026	2.24%	0.292%
15	13.422	1896	1903	1911	rBV	557808	854488	70.94%	9.243%
16	13.745	1951	1956	1962	rBV7	25357	51254	4.26%	0.554%
17	13.867	1968	1976	1980	rBV10	9135	28338	2.35%	0.307%
18	13.965	1987	1992	1998	rVB2	22367	38862	3.23%	0.420%
19	14.074	2005	2010	2014	rBV8	12329	23736	1.97%	0.257%
20	14.135	2014	2020	2025	rBV9	17305	42575	3.53%	0.461%
21	14.208	2026	2032	2035	rBV8	15763	36521	3.03%	0.395%
22	14.251	2035	2039	2042	rBV2	56830	92514	7.68%	1.001%
23	14.391	2055	2062	2064	rBV4	42016	89211	7.41%	0.965%
24	14.422	2064	2067	2070	rVB3	55966	78900	6.55%	0.853%
25	14.617	2095	2099	2103	rBV5	28749	44190	3.67%	0.478%
26	14.672	2104	2108	2113	rVV4	46579	107649	8.94%	1.164%
27	14.733	2113	2118	2123	rVB4	78609	147993	12.29%	1.601%
28	14.849	2133	2137	2138	rBV4	55440	71729	5.96%	0.776%
29	14.940	2149	2152	2157	rVB2	99959	142332	11.82%	1.540%
30	15.001	2158	2162	2164	rBV2	63399	98255	8.16%	1.063%
31	15.275	2202	2207	2211	rBV4	140096	299226	24.84%	3.237%
32	15.440	2231	2234	2238	rBV4	57467	101962	8.47%	1.103%
33	16.470	2399	2403	2413	rVB5	276293	581247	48.26%	6.287%
34	16.598	2420	2424	2437	rVB8	168686	528462	43.87%	5.716%

Sum of corrected areas: 9244918

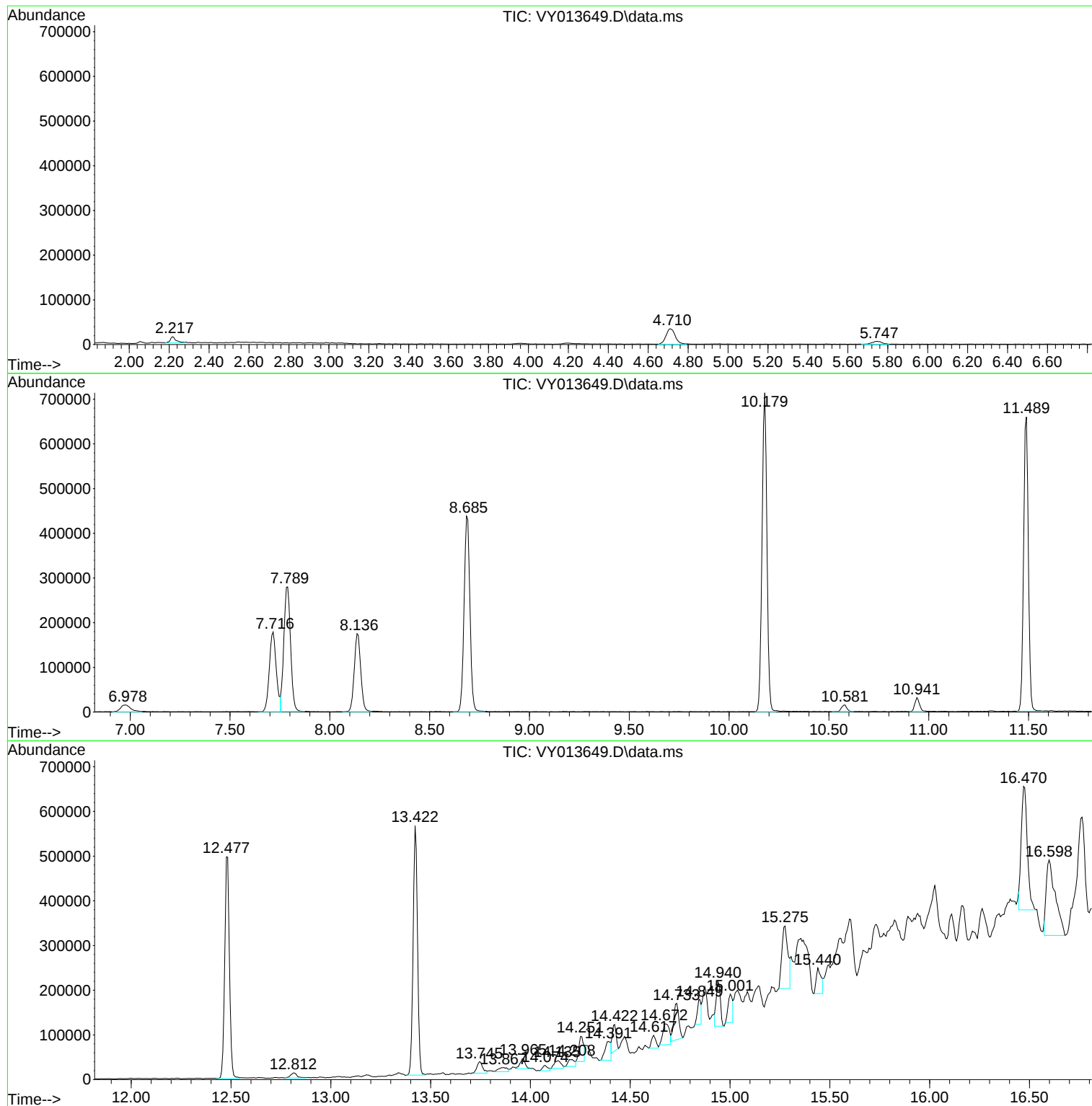
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

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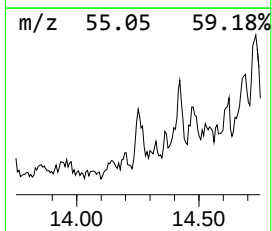
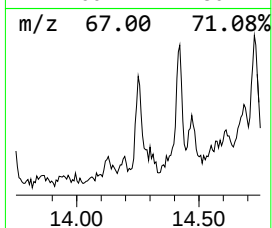
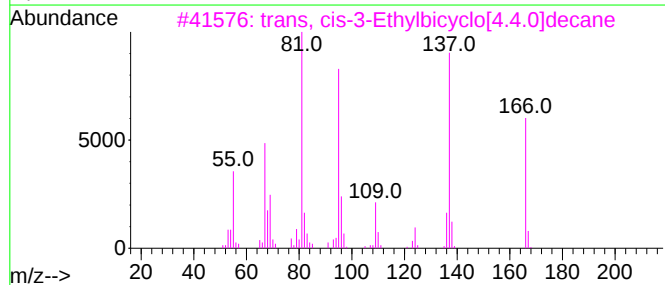
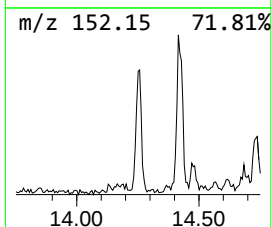
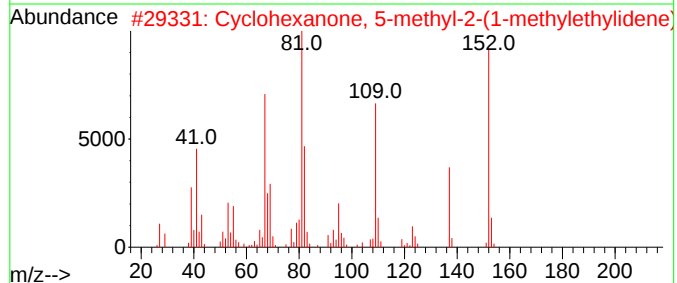
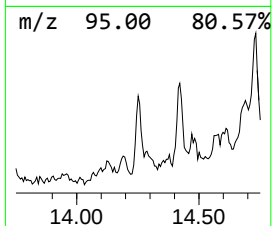
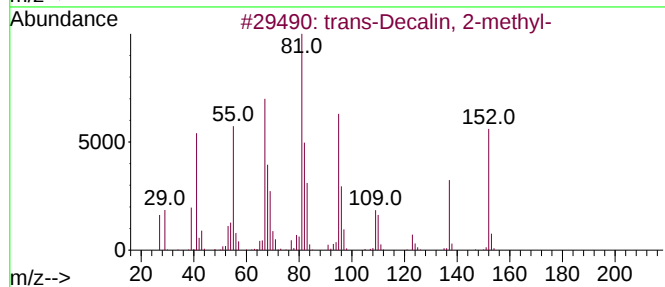
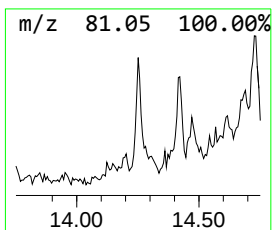
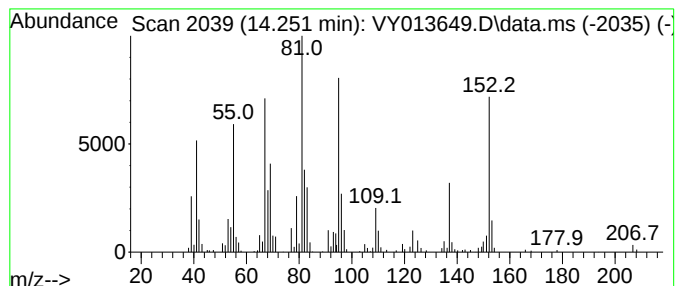
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	5.41 ug/l	92514	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
3			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	76
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	62
5			4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	62



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MSVOA_Y
ClientSampleId :
CLAY-LINER

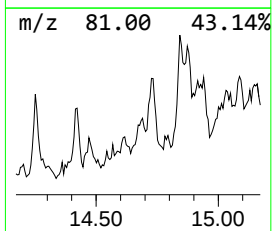
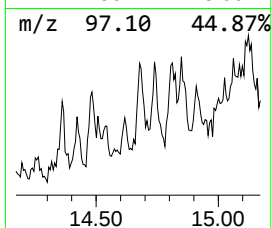
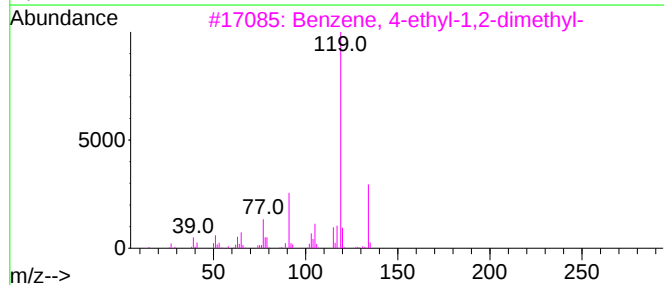
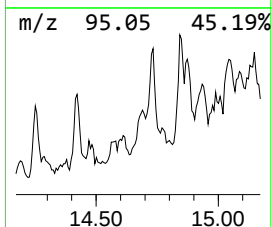
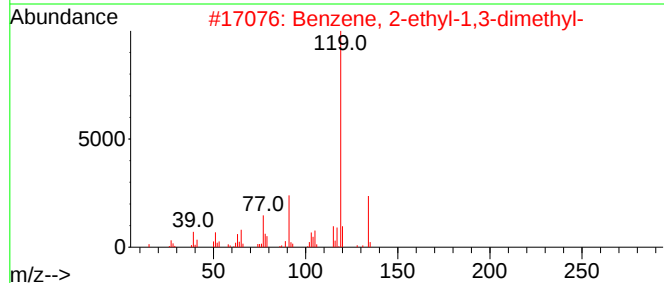
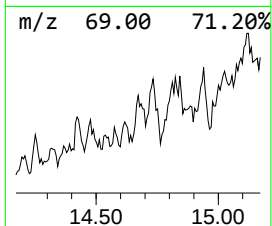
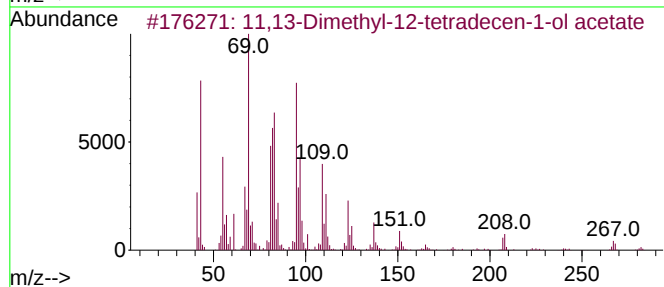
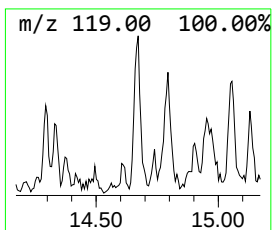
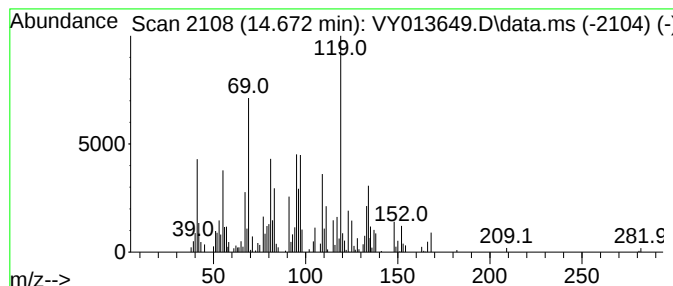
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 3 11,13-Dimethyl-12-tetradec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	6.30 ug/l	107649	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	50
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30



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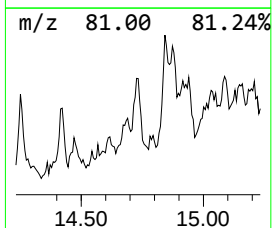
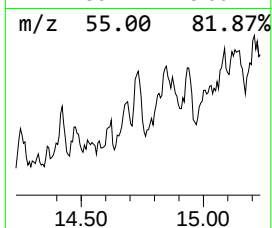
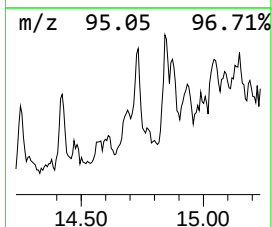
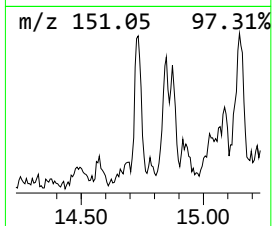
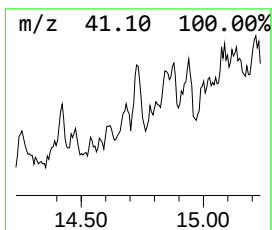
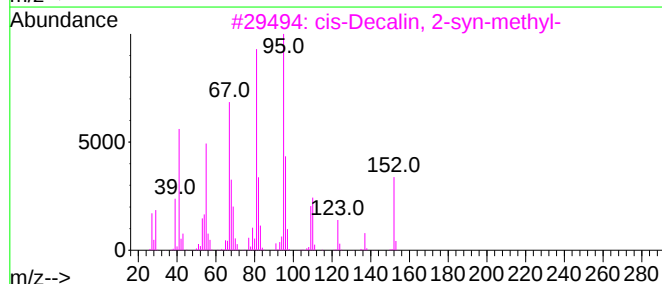
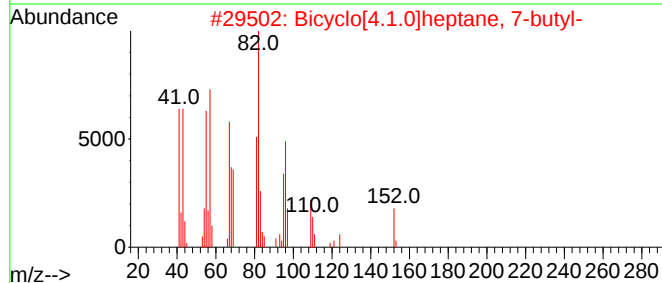
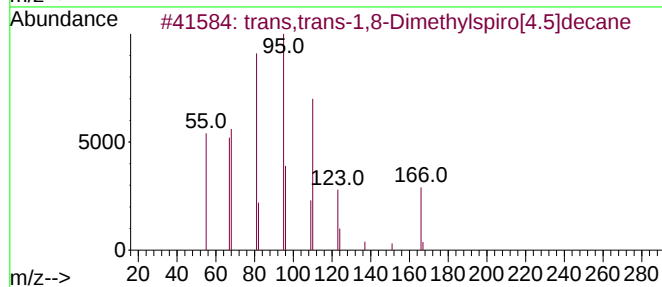
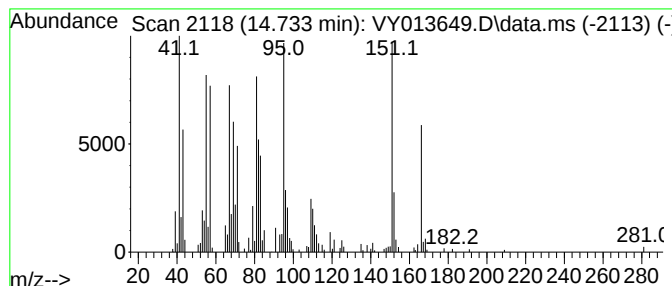
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 4 trans,trans-1,8-Dimethylspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	8.66 ug/l	147993	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans-1,8-Dimethylspiro[4.5]decane	166	C12H22	1000111-72-8	58
2			Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	53
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
5			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	46



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CLAY-LINER

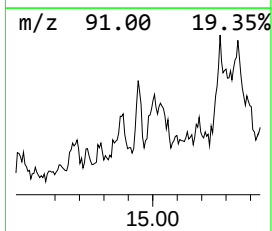
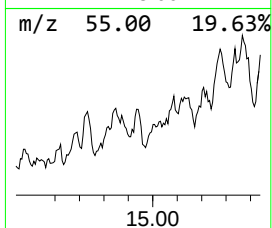
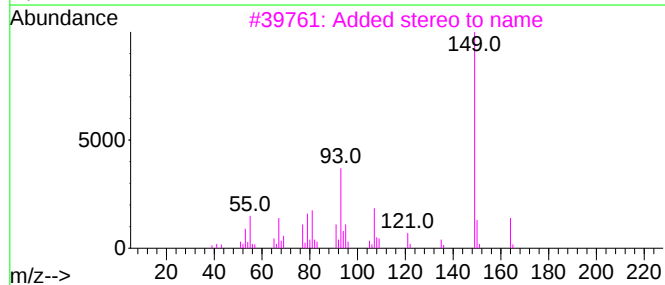
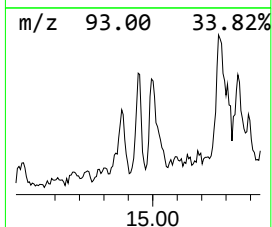
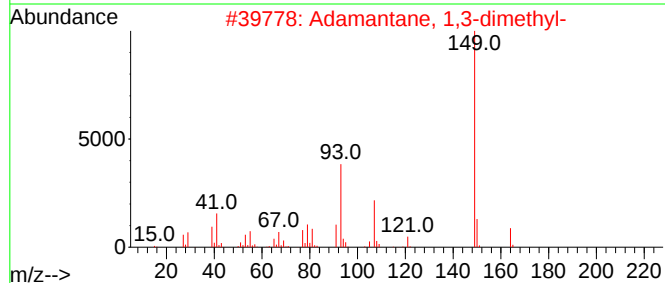
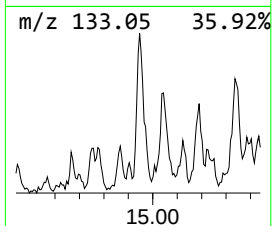
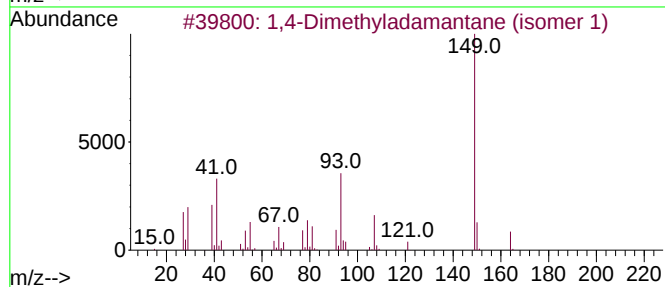
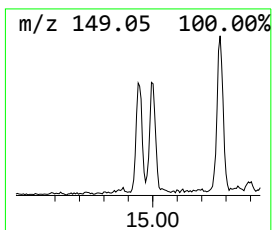
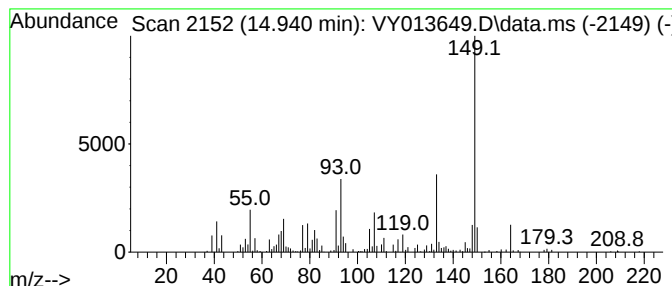
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 5 1,4-Dimethyladamantane (iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	8.33 ug/l	142332	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	68
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	68
3			Added stereo to name	164	C12H20	024145-89-9	59
4			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	59
5			3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	53



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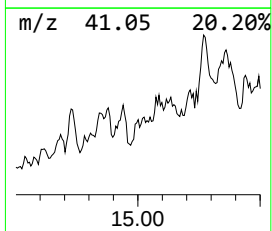
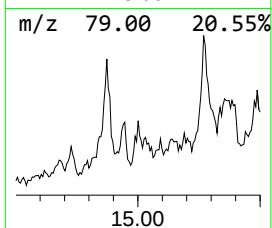
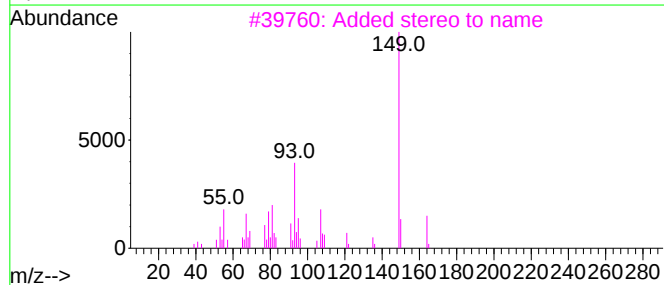
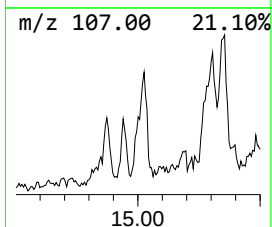
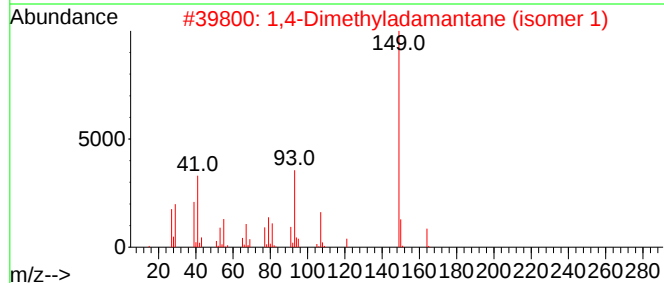
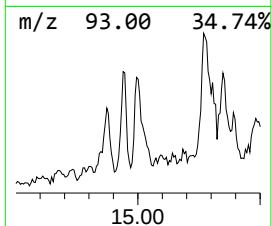
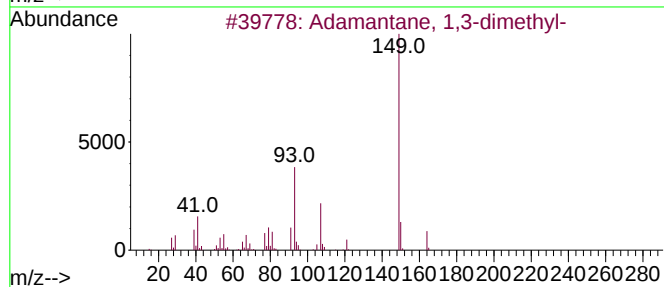
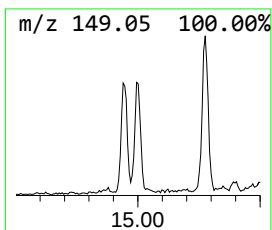
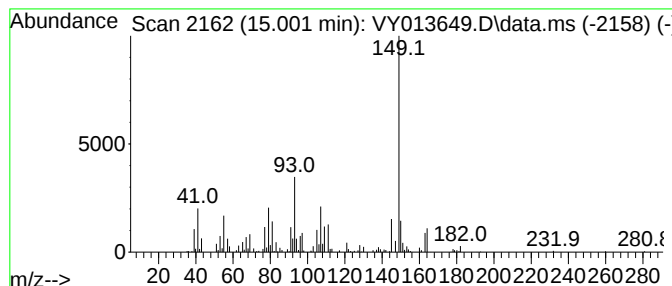
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 6 Adamantane, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.001	5.75 ug/l	98255	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	76
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	76
3			Added stereo to name	164	C12H20	024145-88-8	68
4			Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	53
5			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	50



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Operator : KP/MD
Sample : 02652-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

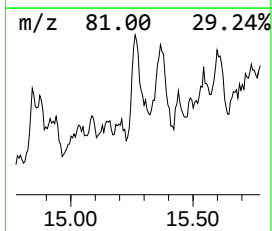
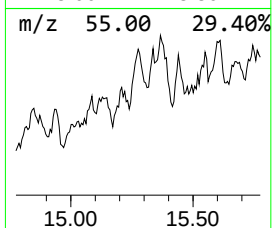
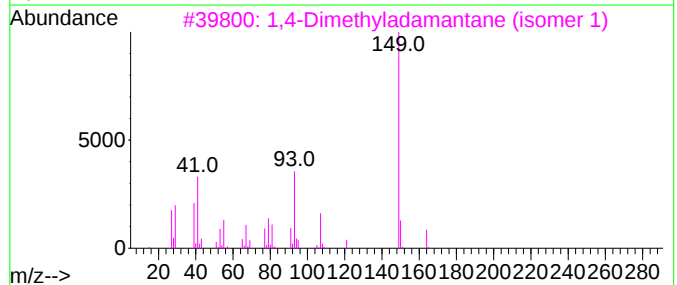
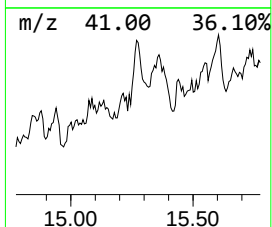
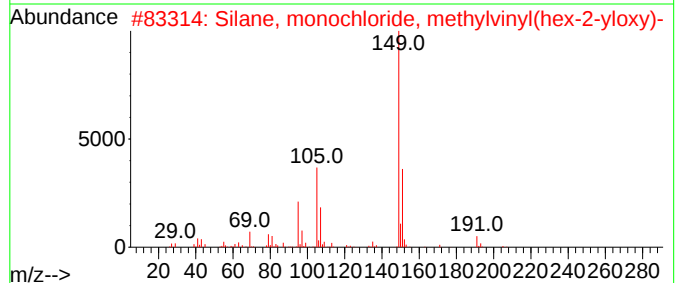
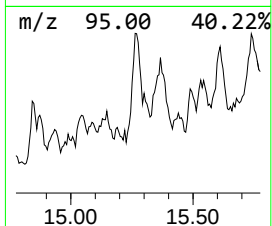
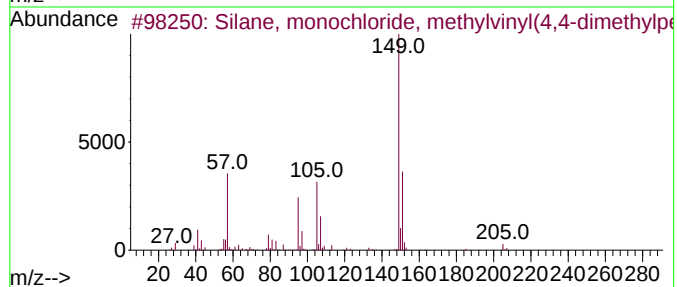
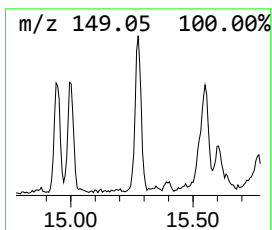
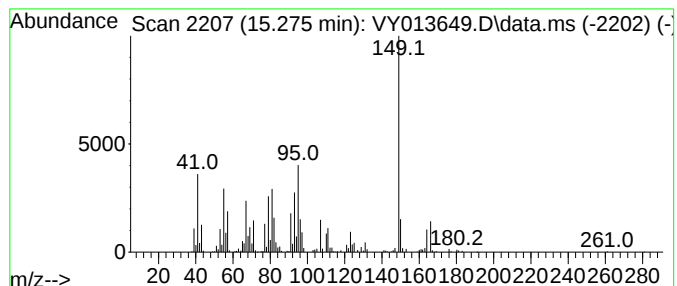
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Quant Title : SW846 8260

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

Peak Number 7 Silane, monochloride, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	17.51 ug/l	299226	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, monochloride, methylviny...	220	C10H21ClOSi	1000420-81-3	50
2			Silane, monochloride, methylviny...	206	C9H19ClOSi	1000421-59-5	47
3			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	46
4			Added stereo to name	164	C12H20	024145-89-9	46
5			Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013649.D
Acq On : 08 May 2023 15:12
Operator : KP/MD
Sample : 02652-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

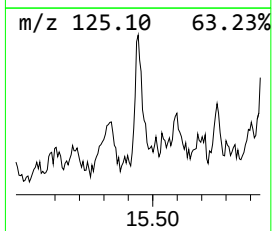
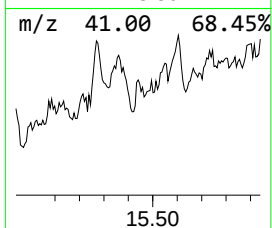
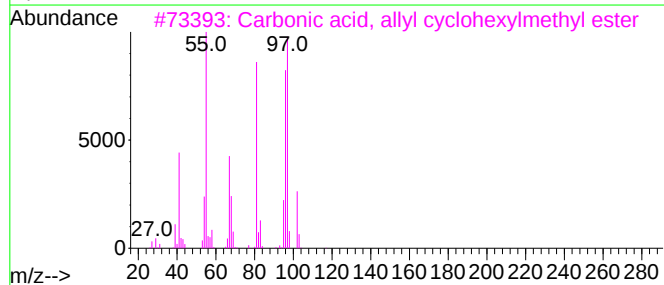
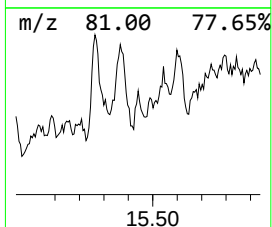
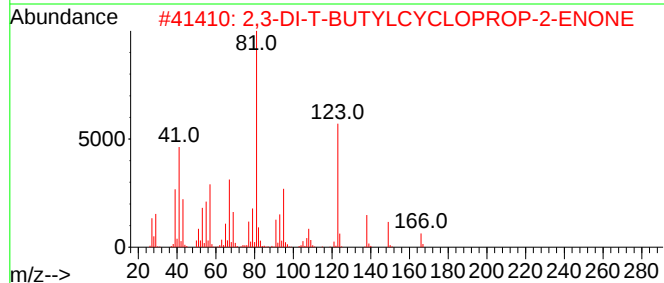
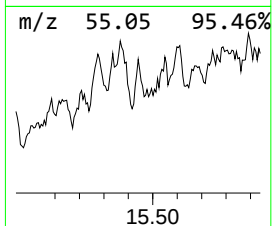
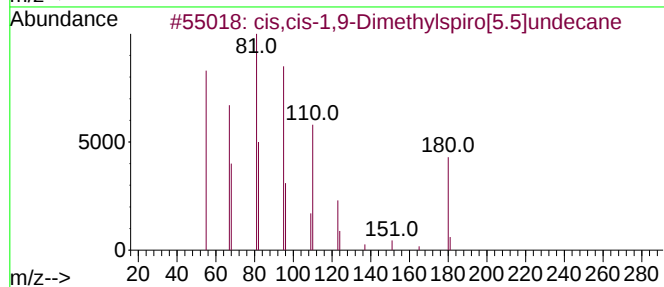
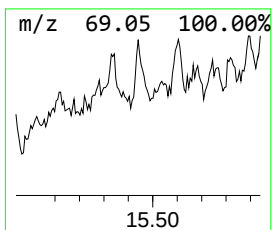
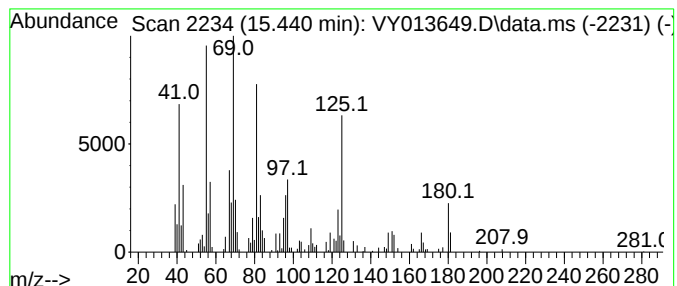
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.440 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	5.97 ug/l	101962	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	38
2			2,3-DI-T-BUTYLCYCLOPROP-2-ENONE	166	C11H18O	019985-79-6	30
3			Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	27
4			1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	27
5			Cyclohexene,3-hexyl-	166	C12H22	015232-78-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013649.D
Acq On : 08 May 2023 15:12
Operator : KP/MD
Sample : 02652-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

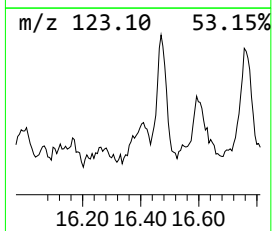
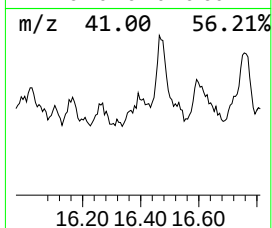
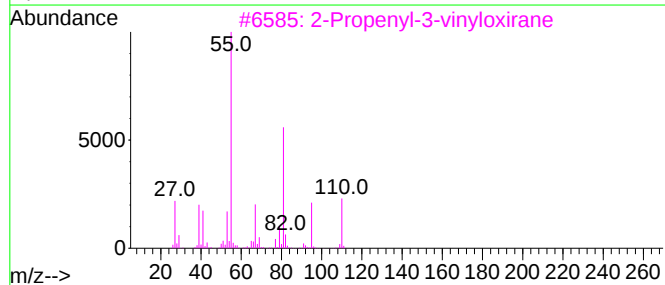
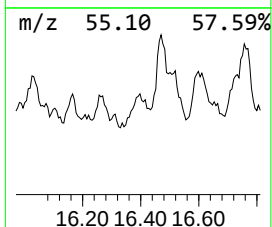
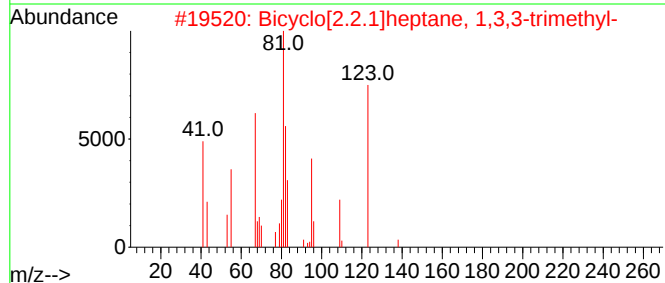
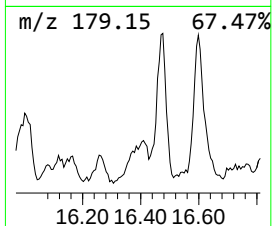
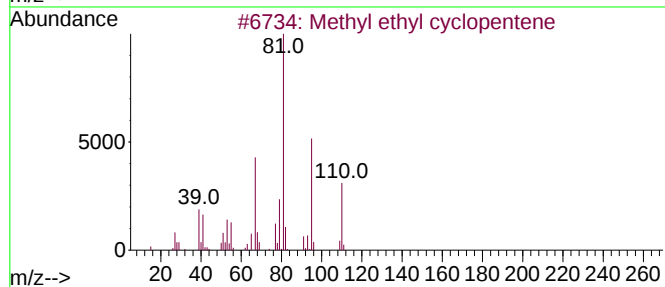
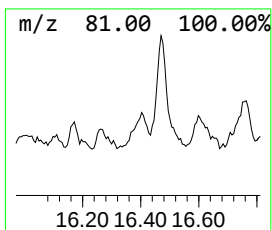
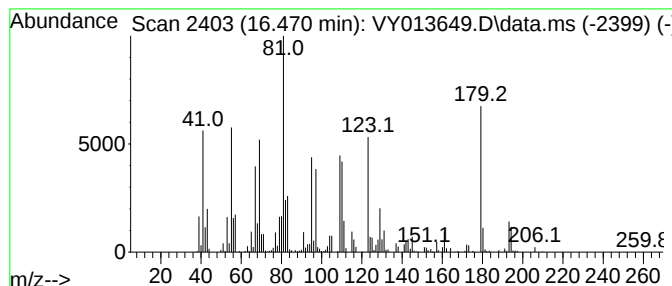
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown16.470 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	34.01 ug/l	581247	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	43
2			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43
3			2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	38
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
5			Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013649.D
Acq On : 08 May 2023 15:12
Operator : KP/MD
Sample : 02652-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

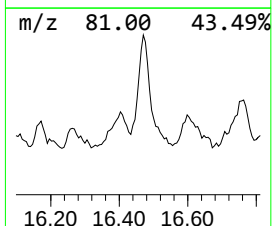
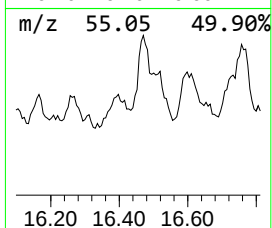
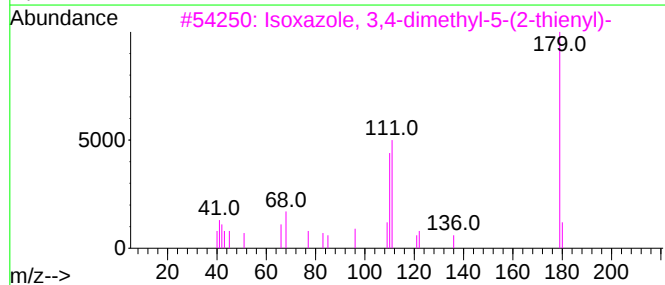
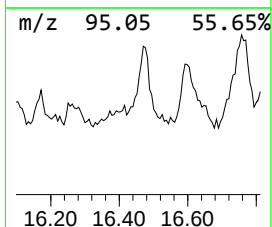
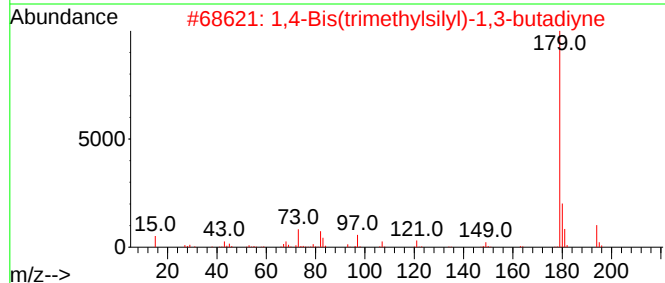
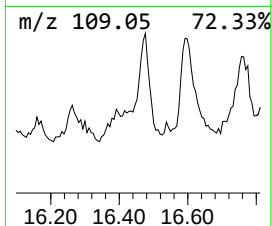
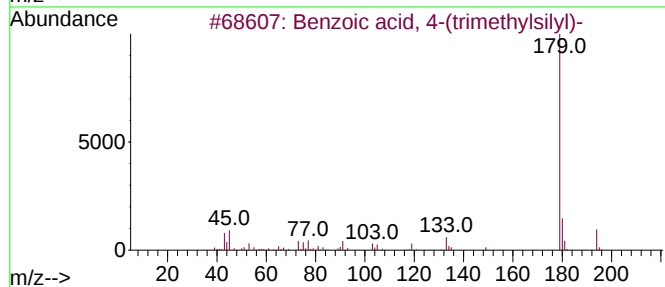
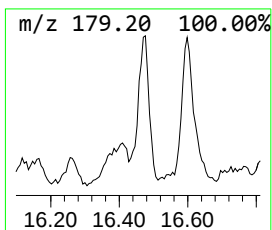
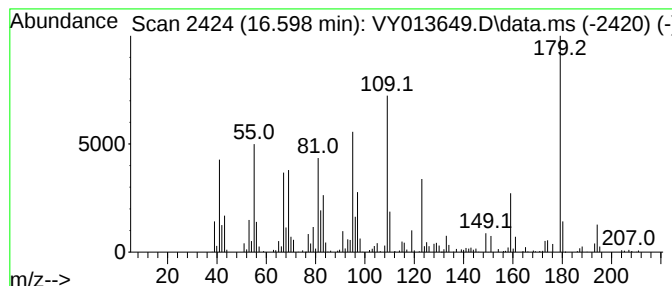
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.598 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	30.92 ug/l	528462	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 4-(trimethylsilyl)-	194	C10H14O2Si	015290-29-6	27
2			1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	27
3			Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	27
4			ethanimidamide, N-(4-nitrophenyl)-	179	C8H9N3O2	1010404-80-7	25
5			2-(2-Hydroxy-2-methyl-3-oxobutyl...	222	C12H18N2O2	075792-92-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013649.D
Acq On : 08 May 2023 15:12
Operator : KP/MD
Sample : 02652-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.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
trans-Decalin, ...	14.251	5.4	ug/l	92514	4	13.422	854488	50.0
11,13-Dimethyl-...	14.672	6.3	ug/l	107649	4	13.422	854488	50.0
trans,trans-1,8...	14.733	8.7	ug/l	147993	4	13.422	854488	50.0
1,4-Dimethylada...	14.940	8.3	ug/l	142332	4	13.422	854488	50.0
Adamantane, 1,3...	15.001	5.8	ug/l	98255	4	13.422	854488	50.0
Silane, monochl...	15.275	17.5	ug/l	299226	4	13.422	854488	50.0
unknown15.440	15.440	6.0	ug/l	101962	4	13.422	854488	50.0
unknown16.470	16.470	34.0	ug/l	581247	4	13.422	854488	50.0
unknown16.598	16.598	30.9	ug/l	528462	4	13.422	854488	50.0