

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009456.D
 Acq On : 06 Jul 2022 16:05
 Operator : KP/MD
 Sample : N3584-05
 Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21199

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\82Y062822S.M
 Title : SW846 8260

Signal : TIC: VY009456.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	379	390	402	rBV5	3317	11483	1.28%	0.130%
2	4.704	460	473	486	rBV2	29631	90814	10.14%	1.027%
3	4.942	499	512	528	rBV3	17709	67230	7.51%	0.760%
4	5.741	631	643	653	rBV4	6836	21795	2.43%	0.247%
5	6.972	834	845	858	rBV2	21482	68352	7.63%	0.773%
6	7.710	955	966	971	rBV2	110479	267428	29.86%	3.025%
7	7.783	971	978	988	rVB	243516	560273	62.55%	6.337%
8	7.990	1007	1012	1023	rVB2	6969	16157	1.80%	0.183%
9	8.136	1023	1036	1047	rVB	111636	265006	29.59%	2.998%
10	8.313	1054	1065	1075	rVB	6923	22844	2.55%	0.258%
11	8.539	1094	1102	1110	rBV3	10651	23244	2.60%	0.263%
12	8.685	1117	1126	1139	rBV	385829	754489	84.24%	8.534%
13	9.179	1199	1207	1213	rBV2	11799	23012	2.57%	0.260%
14	9.606	1271	1277	1286	rVB2	11894	25551	2.85%	0.289%
15	9.740	1291	1299	1307	rVV3	15564	34425	3.84%	0.389%
16	10.106	1354	1359	1363	rBV2	7069	9360	1.05%	0.106%
17	10.173	1363	1370	1378	rVV	452107	771122	86.10%	8.722%
18	10.234	1378	1380	1387	rVB	6475	10095	1.13%	0.114%
19	10.575	1431	1436	1441	rBV2	10841	19769	2.21%	0.224%
20	10.941	1489	1496	1504	rBV	37424	68252	7.62%	0.772%
21	11.319	1553	1558	1561	rVB7	5175	9590	1.07%	0.108%
22	11.483	1577	1585	1593	rBV	548087	895664	100.00%	10.131%
23	11.697	1615	1620	1623	rBV2	6727	12356	1.38%	0.140%
24	12.020	1670	1673	1679	rBV5	6075	13325	1.49%	0.151%
25	12.331	1720	1724	1729	rVB6	7710	12863	1.44%	0.145%
26	12.477	1741	1748	1755	rBV	320705	516309	57.65%	5.840%
27	12.630	1771	1773	1782	rVB9	9582	17803	1.99%	0.201%
28	12.727	1784	1789	1792	rBV5	5969	11158	1.25%	0.126%
29	12.800	1796	1801	1809	rBV8	23567	51024	5.70%	0.577%
30	13.123	1849	1854	1859	rBV6	10749	27581	3.08%	0.312%
31	13.178	1859	1863	1869	rVV9	9561	24014	2.68%	0.272%
32	13.422	1897	1903	1909	rVV	476778	731288	81.65%	8.272%
33	13.483	1909	1913	1918	rVB2	36276	56194	6.27%	0.636%
34	13.745	1951	1956	1961	rBV6	61347	106823	11.93%	1.208%
35	13.965	1988	1992	1999	rVB4	30929	51374	5.74%	0.581%
36	14.074	2006	2010	2014	rBV5	23438	39462	4.41%	0.446%

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Peak Location: TOP

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37	14.135	2016	2020	2026	rVB8	26818	51919	5.80%	0.587%
38	14.196	2026	2030	2035	rBV6	19883	47129	5.26%	0.533%
39	14.251	2035	2039	2042	rBV3	72974	128486	14.35%	1.453%
40	14.282	2042	2044	2049	rVB2	62734	93981	10.49%	1.063%
41	14.385	2057	2061	2063	rBV2	48341	69600	7.77%	0.787%
42	14.416	2063	2066	2070	rVB3	78533	111962	12.50%	1.266%
43	14.611	2094	2098	2102	rBV5	42156	60768	6.78%	0.687%
44	14.672	2103	2108	2114	rBV3	82965	194634	21.73%	2.202%
45	14.733	2114	2118	2123	rVB6	77423	130642	14.59%	1.478%
46	14.873	2133	2141	2145	rBV5	82501	191478	21.38%	2.166%
47	14.940	2148	2152	2156	rVB4	118735	166558	18.60%	1.884%
48	15.001	2159	2162	2165	rBV2	40663	58402	6.52%	0.661%
49	15.269	2202	2206	2211	rBV4	97004	184990	20.65%	2.092%
50	15.440	2230	2234	2237	rBV6	47484	89787	10.02%	1.016%
51	16.470	2398	2403	2412	rVB5	297420	660484	73.74%	7.471%
52	16.598	2419	2424	2438	rVB8	160389	512894	57.26%	5.801%
53	16.763	2446	2451	2455	rVB3	199900	379547	42.38%	4.293%

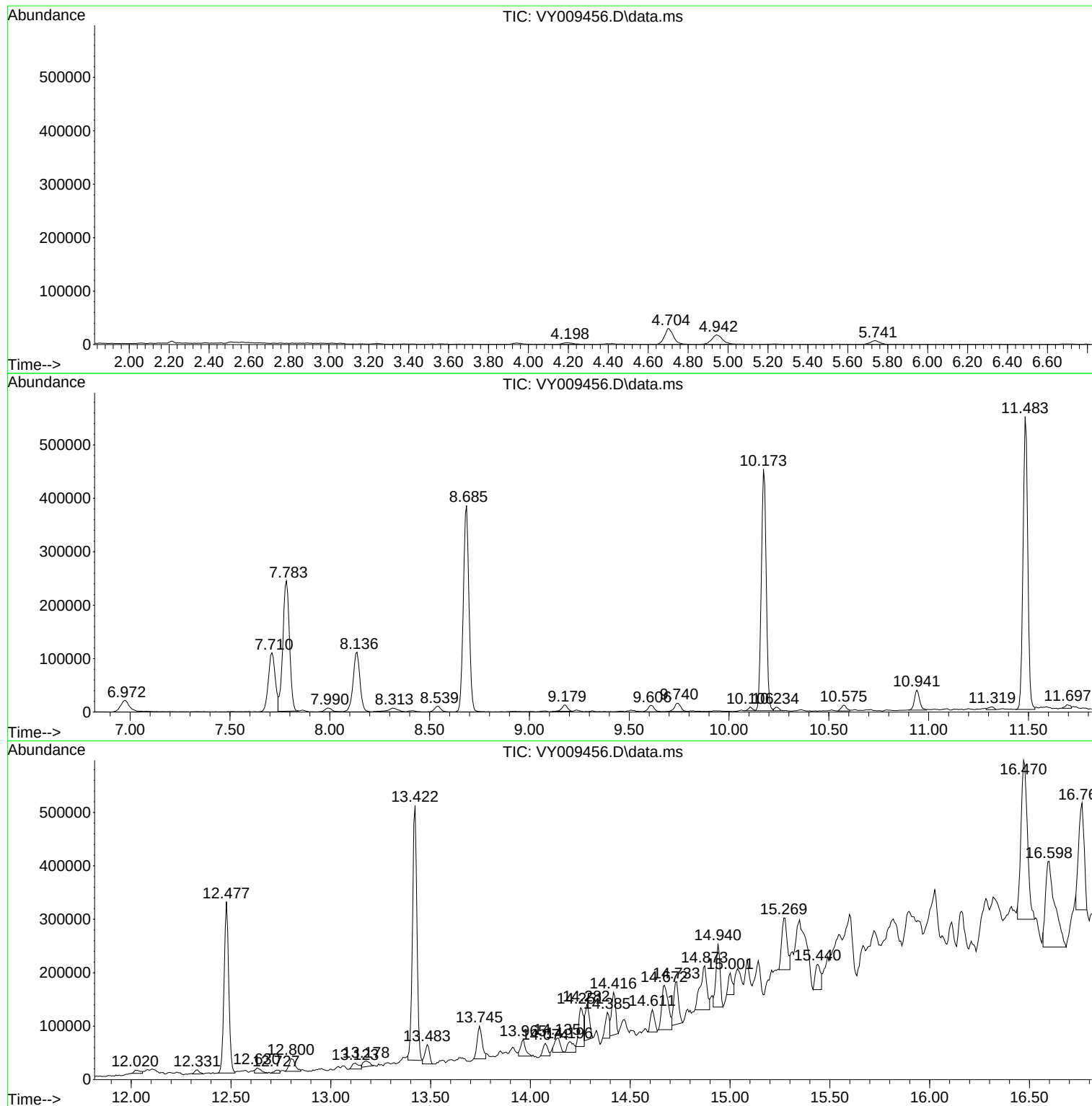
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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



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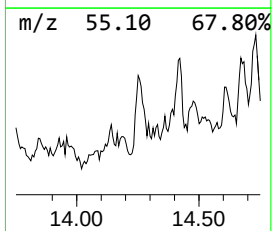
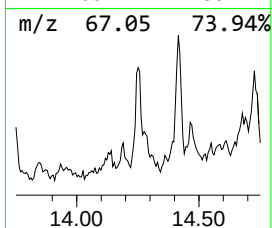
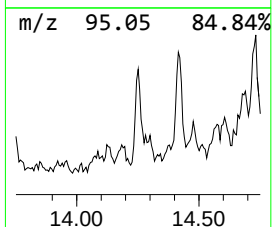
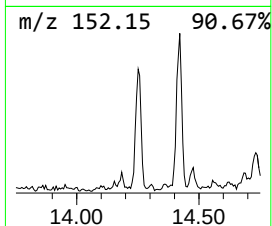
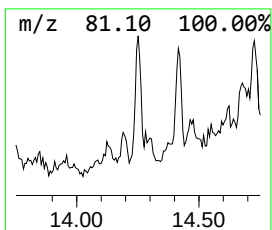
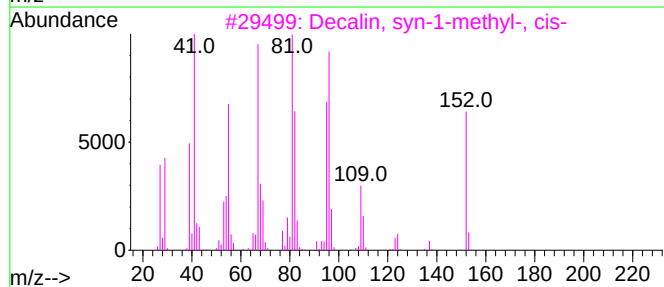
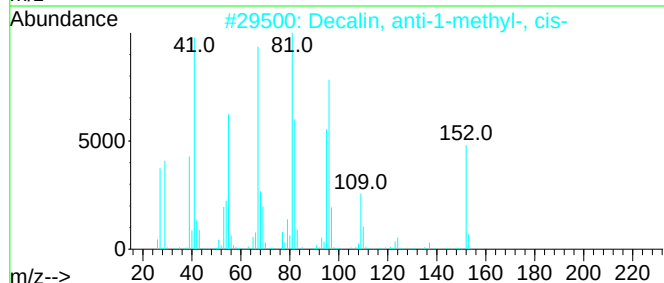
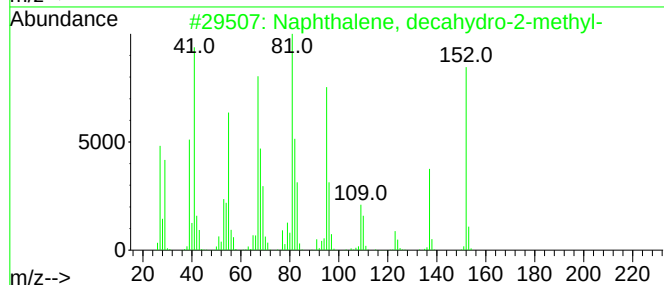
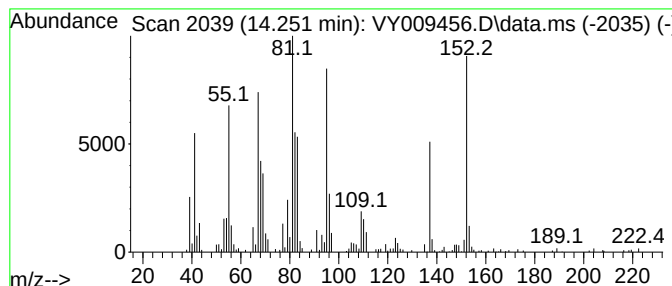
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	8.78 ug/l	128486	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	76
3			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	68
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58



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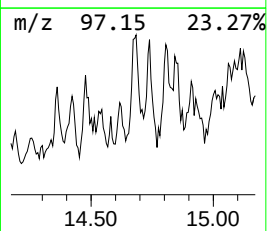
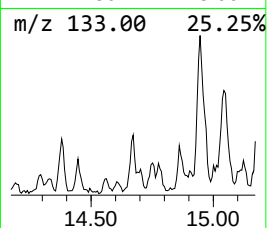
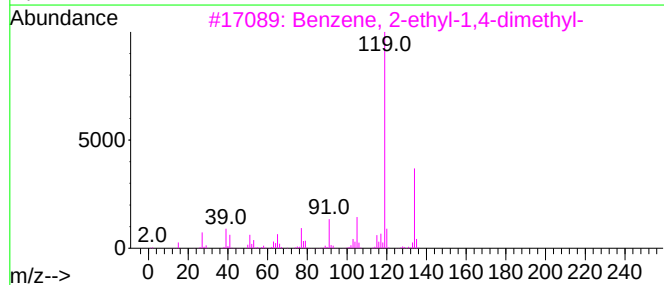
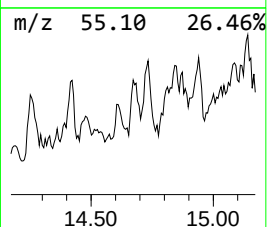
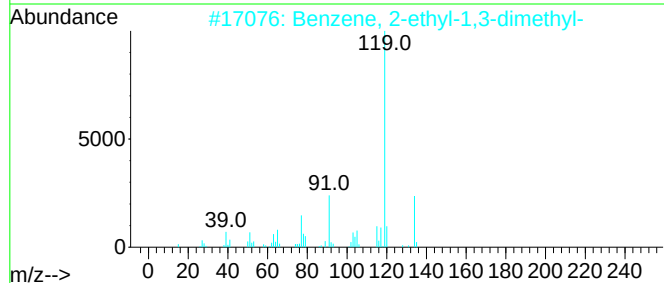
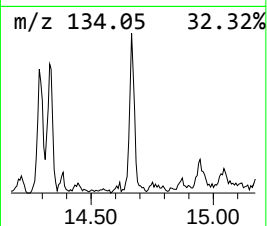
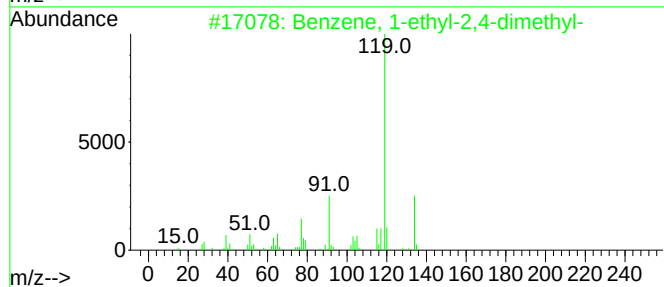
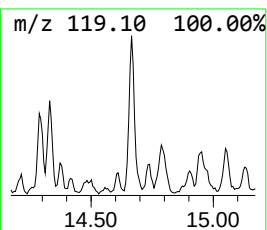
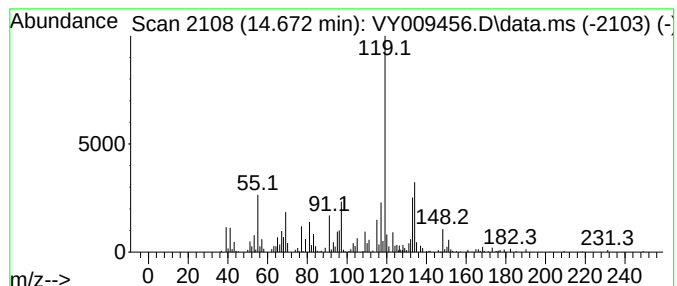
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	13.31 ug/l	194634	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	45
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	45
5			o-Cymene	134	C10H14	000527-84-4	45



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Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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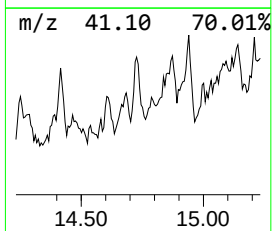
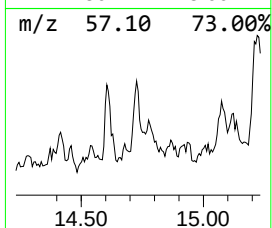
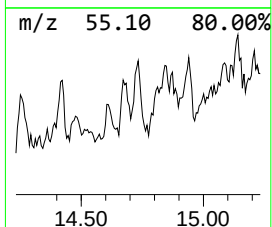
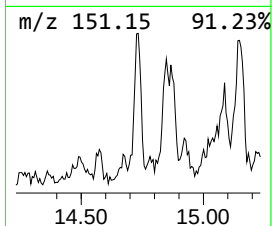
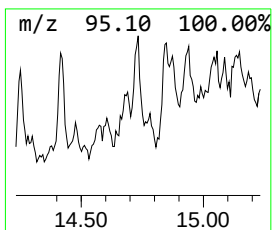
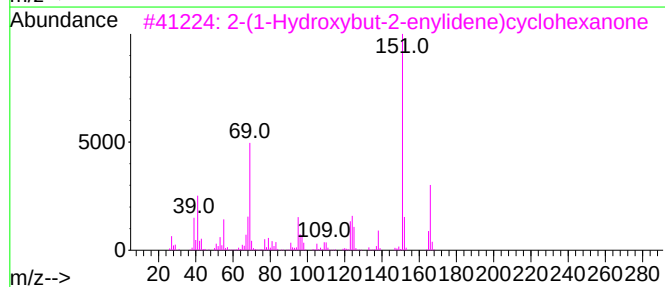
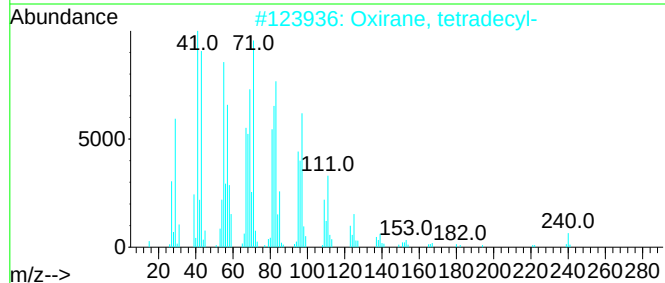
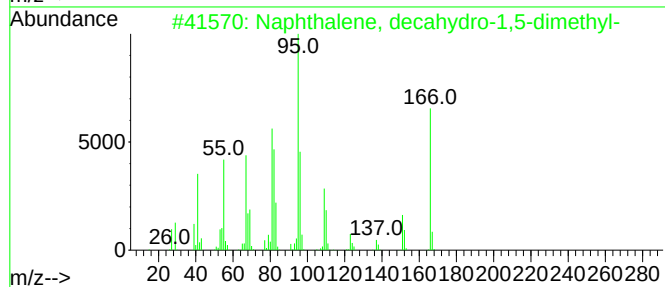
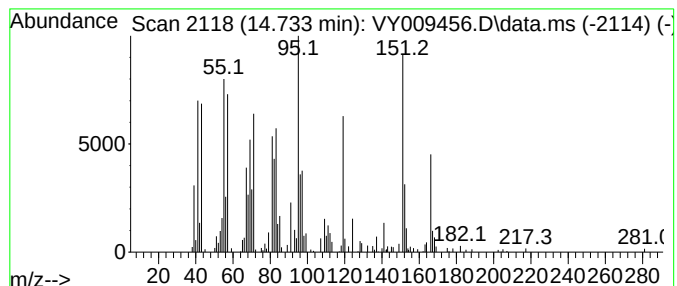
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.733 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	8.93 ug/l	130642	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	38
2			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	30
3			2-(1-Hydroxybut-2-enylidene)cycl...	166	C10H14O2	1000186-18-9	30
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
5			Trichloroacetic acid, undec-2-en...	314	C13H21Cl3O2	1000299-26-1	25



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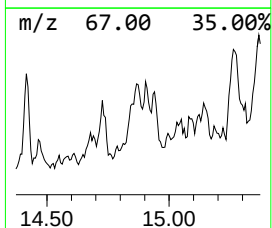
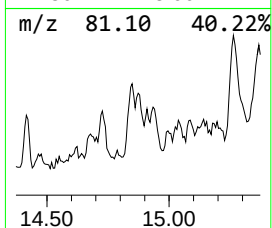
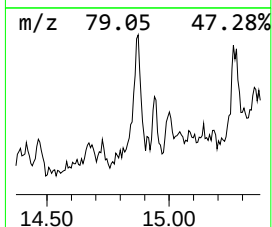
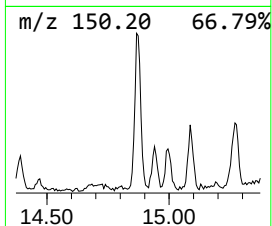
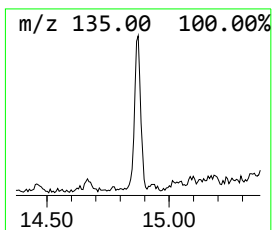
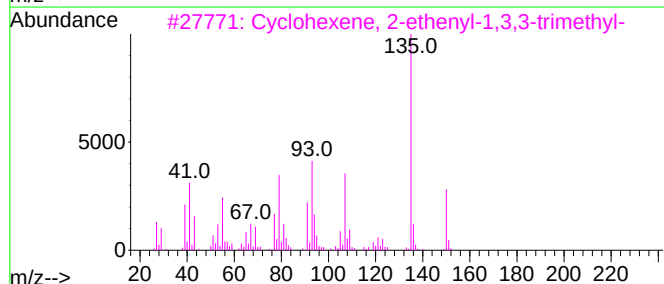
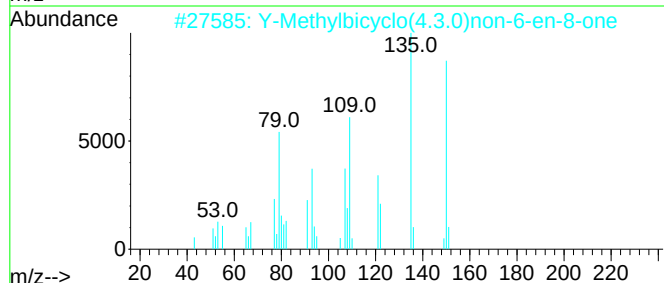
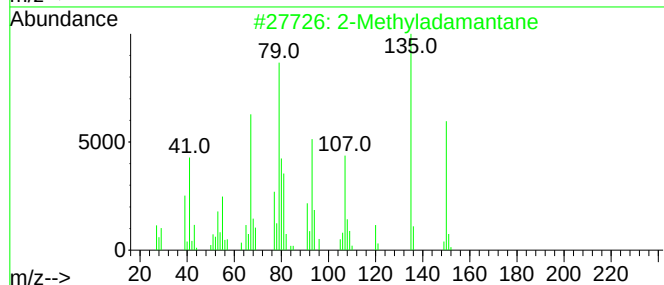
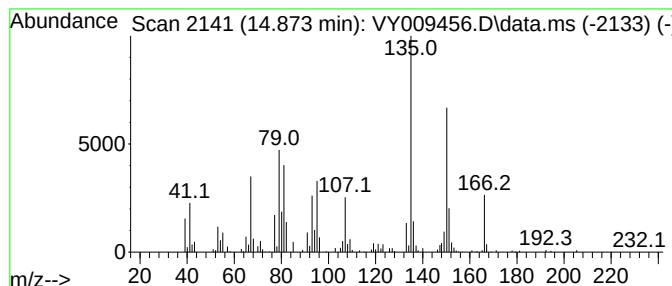
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Quant Title : SW846 8260

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

Peak Number 5 2-Methyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	13.09 ug/l	191478	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	89
2			Y-Methylbicyclo(4.3.0)non-6-en-8...	150	C10H14O	1000424-65-9	70
3			Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	70
4			Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	58
5			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58



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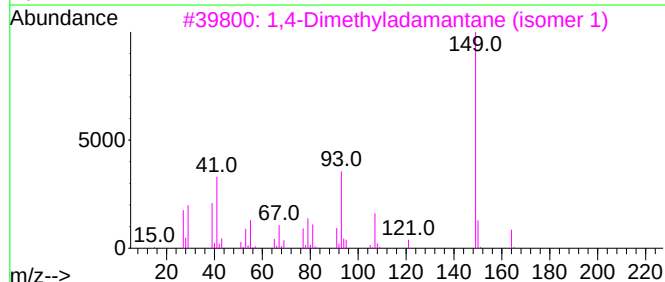
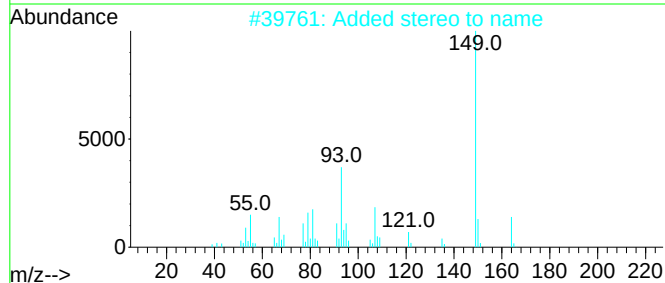
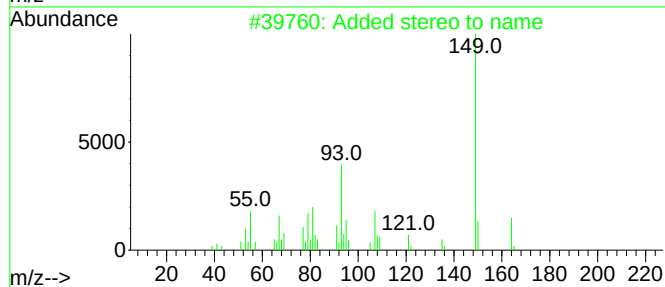
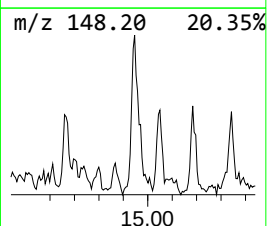
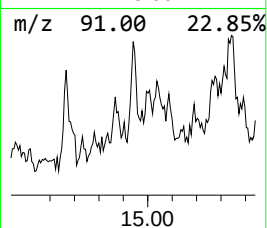
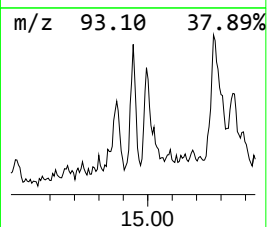
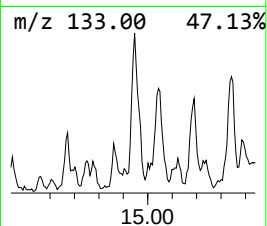
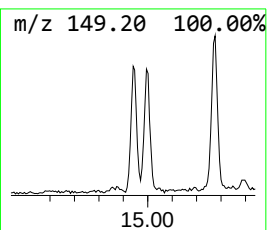
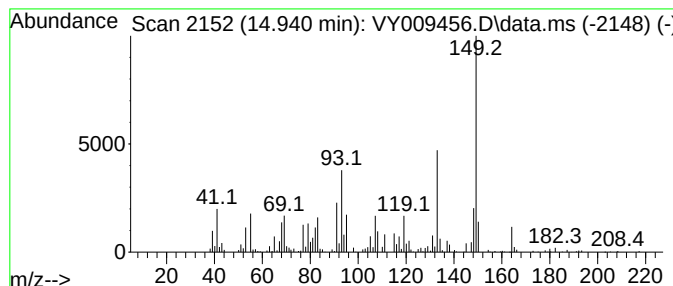
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Quant Title : SW846 8260

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

Peak Number 6 1,4-Dimethyladamantane (iso... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	11.39 ug/l	166558	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	64
2	Added stereo to name			164	C12H20	024145-89-9	64
3	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	53
4	m-Tolyl isothiocyanate			149	C8H7NS	000621-30-7	50
5	Benzene, 2-methoxy-4-methyl-1-(1...			164	C11H16O	001076-56-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009456.D
Acq On : 06 Jul 2022 16:05
Operator : KP/MD
Sample : N3584-05
Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

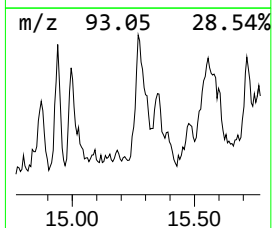
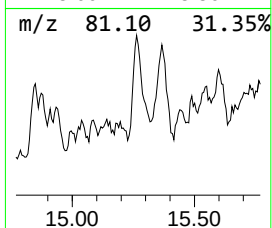
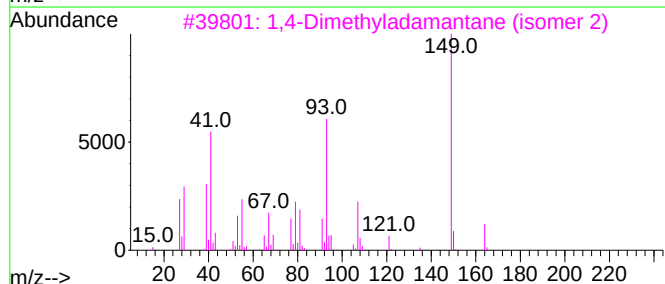
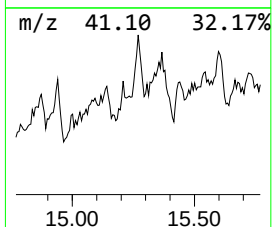
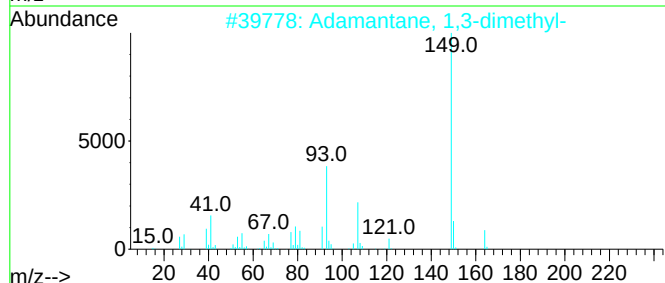
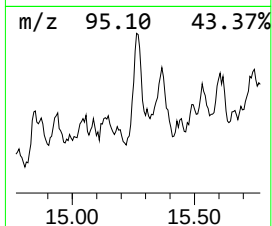
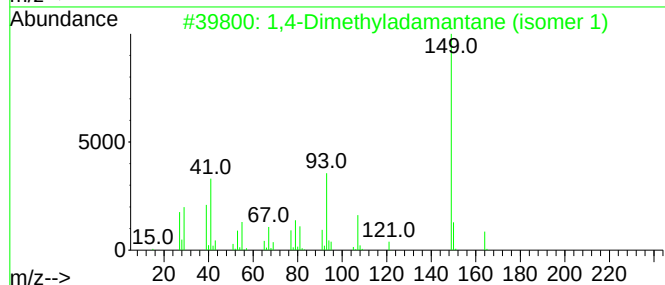
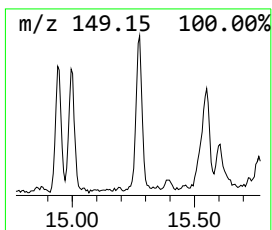
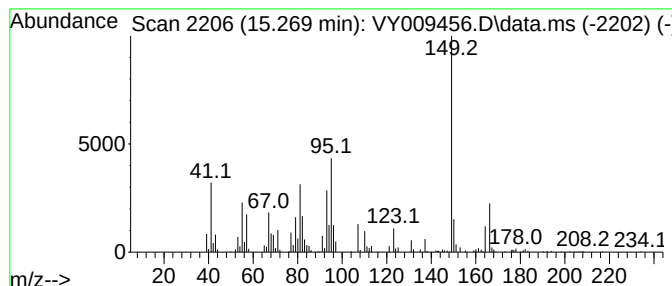
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.269 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.269	12.65 ug/l	184990	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	46
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	43
3			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	43
4			Phthalic acid, propyl trans-dec-...	346	C21H30O4	1000360-49-8	43
5			2,4,7-Trioxabicyclo[4.4.0]dec-9-...	374	C23H34O4	1000161-14-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009456.D
Acq On : 06 Jul 2022 16:05
Operator : KP/MD
Sample : N3584-05
Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

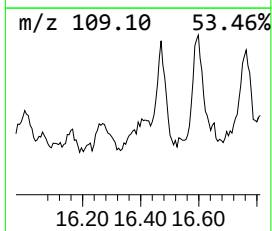
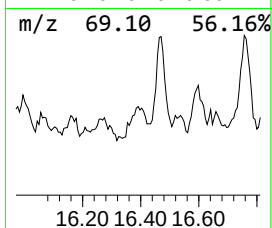
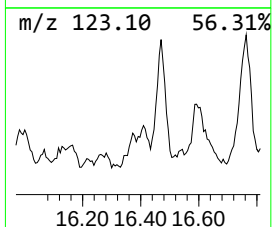
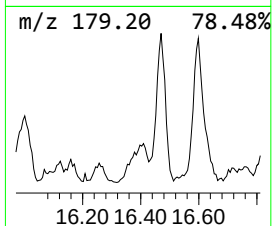
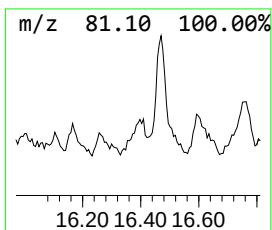
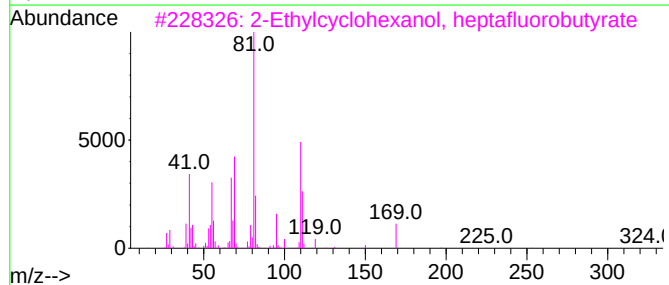
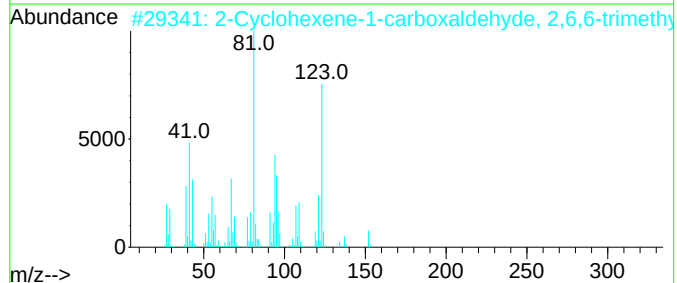
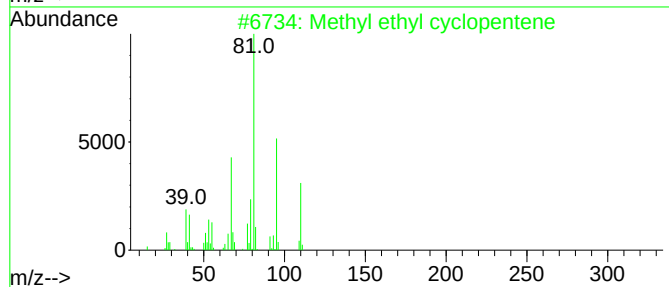
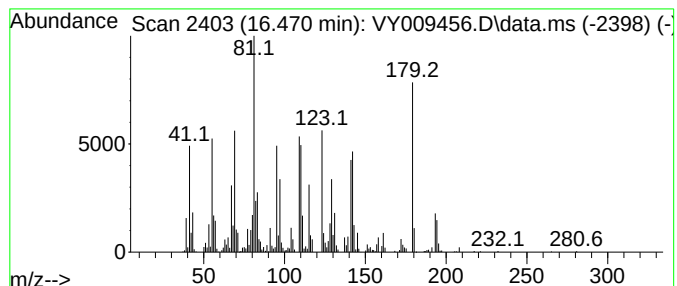
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Quant Title : SW846 8260

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

Peak Number 8 unknown16.470 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	45.16 ug/l	660484	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	25
2			2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	22
3			2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	18
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
5			trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009456.D
Acq On : 06 Jul 2022 16:05
Operator : KP/MD
Sample : N3584-05
Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

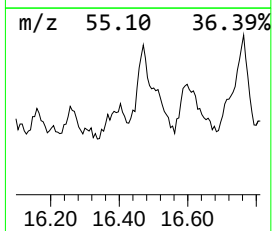
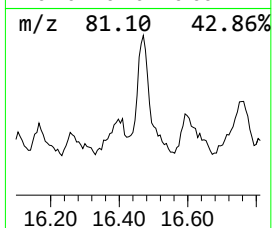
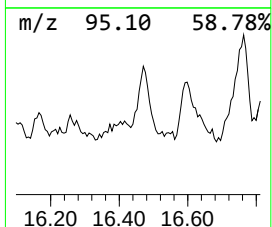
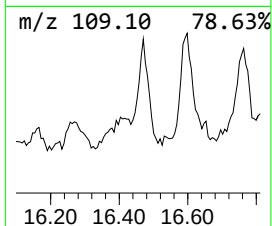
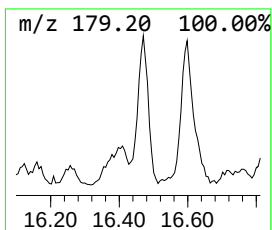
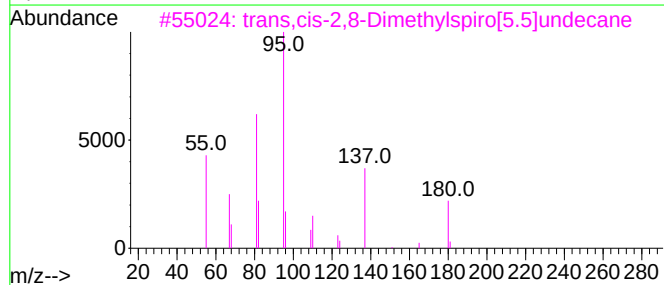
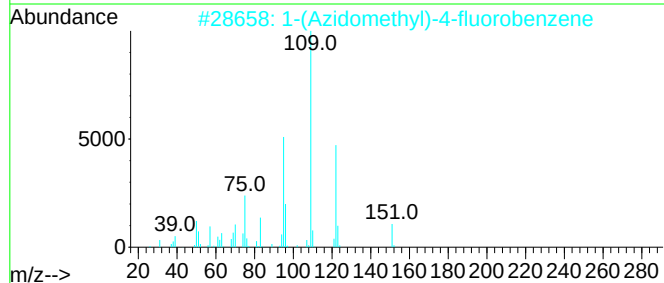
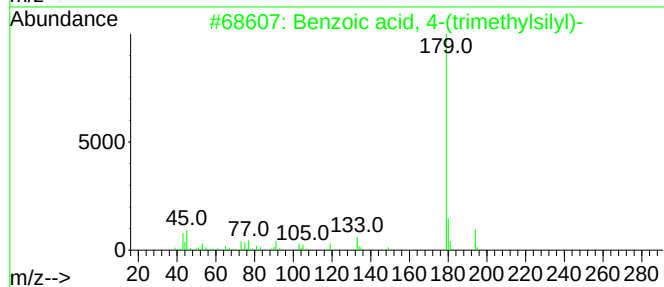
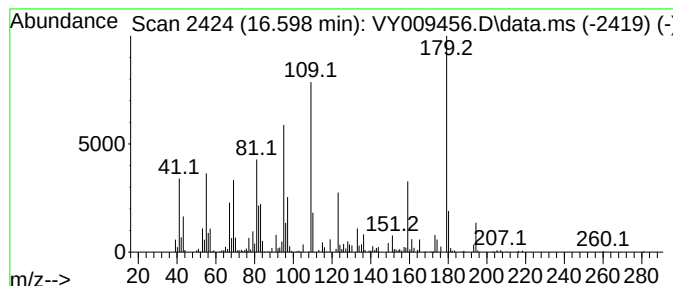
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown16.598 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	35.07 ug/l	512894	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	25
2			1-(Azidomethyl)-4-fluorobenzene	151	C7H6FN3	159979-96-1	25
3			trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	25
4			1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	22
5			1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009456.D
Acq On : 06 Jul 2022 16:05
Operator : KP/MD
Sample : N3584-05
Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

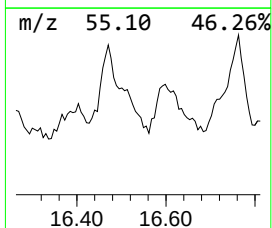
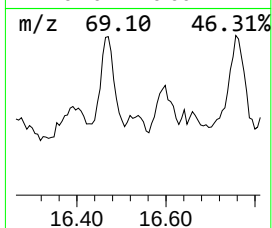
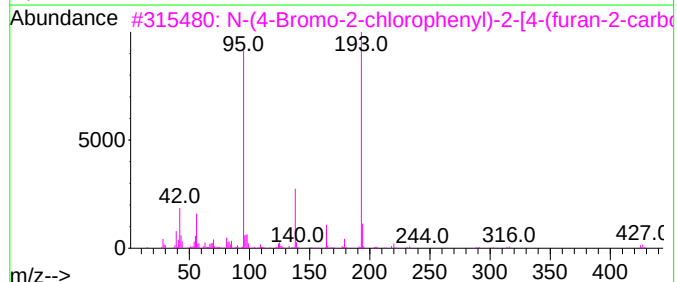
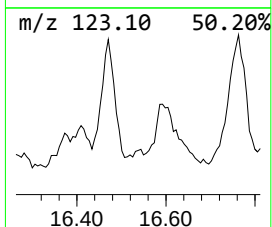
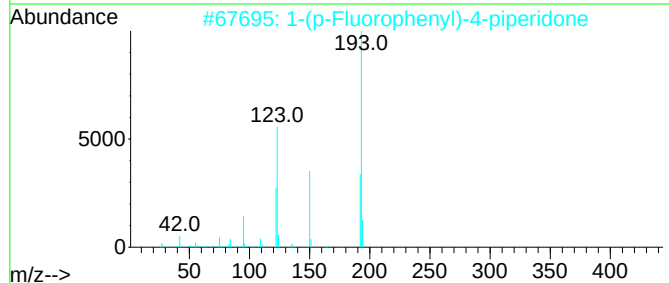
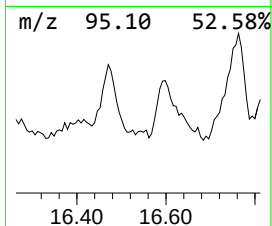
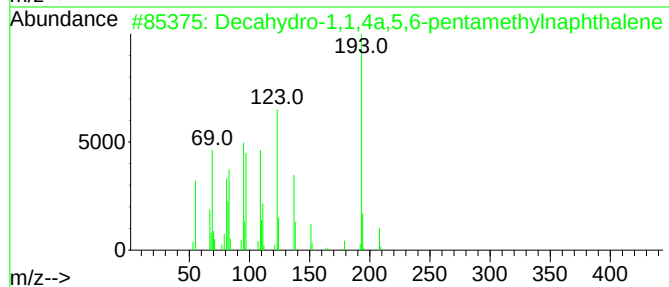
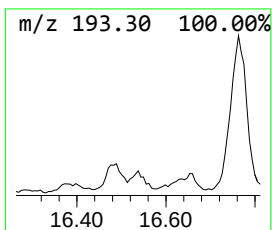
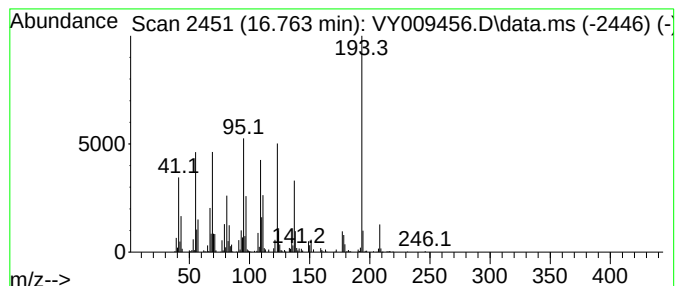
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 10 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	25.95 ug/l	379547	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	58
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3			N-(4-Bromo-2-chlorophenyl)-2-[4-...	425	C17H17BrClN3O3	1000482-48-9	35
4			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	27
5			6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009456.D
Acq On : 06 Jul 2022 16:05
Operator : KP/MD
Sample : N3584-05
Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.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
Naphthalene, de...	14.251	8.8	ug/l	128486	4	13.422	731288	50.0
Benzene, 1-ethy...	14.672	13.3	ug/l	194634	4	13.422	731288	50.0
unknown14.733	14.733	8.9	ug/l	130642	4	13.422	731288	50.0
2-Methyladamantane	14.873	13.1	ug/l	191478	4	13.422	731288	50.0
1,4-Dimethylada...	14.940	11.4	ug/l	166558	4	13.422	731288	50.0
unknown15.269	15.269	12.7	ug/l	184990	4	13.422	731288	50.0
unknown16.470	16.470	45.2	ug/l	660484	4	13.422	731288	50.0
unknown16.598	16.598	35.1	ug/l	512894	4	13.422	731288	50.0
Decahydro-1,1,4...	16.763	25.9	ug/l	379547	4	13.422	731288	50.0