

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007468.D
 Acq On : 10 Feb 2022 13:50
 Operator : SY/MD
 Sample : N1457-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-1140

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: VY007468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	87	93	105	rBV	13104	24683	3.84%	0.515%
2	3.948	339	349	364	rBV	33700	92170	14.35%	1.923%
3	4.204	381	391	402	rBV2	6554	21814	3.40%	0.455%
4	6.984	840	847	858	rBV2	2501	7337	1.14%	0.153%
5	7.722	958	968	974	rBV2	93841	222213	34.59%	4.636%
6	7.795	974	980	989	rVV	141450	317859	49.48%	6.632%
7	8.143	1029	1037	1051	rVB	88161	198702	30.93%	4.146%
8	8.325	1058	1067	1076	rVB3	4850	12516	1.95%	0.261%
9	8.691	1119	1127	1138	rBV	239587	459610	71.54%	9.589%
10	9.618	1272	1279	1286	rVB6	3438	7218	1.12%	0.151%
11	9.746	1294	1300	1306	rBV2	3570	7557	1.18%	0.158%
12	10.179	1364	1371	1380	rBV	370356	642417	100.00%	13.403%
13	10.935	1490	1495	1503	rVB4	8898	15333	2.39%	0.320%
14	11.489	1580	1586	1598	rVB	362480	589002	91.69%	12.289%
15	12.209	1697	1704	1713	rVB9	5965	18628	2.90%	0.389%
16	12.483	1742	1749	1758	rBV	285084	457973	71.29%	9.555%
17	12.642	1772	1775	1784	rVB7	6910	14402	2.24%	0.300%
18	12.806	1798	1802	1807	rBV7	7752	16094	2.51%	0.336%
19	12.953	1822	1826	1829	rBV6	4594	6829	1.06%	0.142%
20	13.007	1830	1835	1837	rBV5	4250	7154	1.11%	0.149%
21	13.038	1837	1840	1844	rBV	13828	20143	3.14%	0.420%
22	13.172	1858	1862	1868	rBV8	6253	12079	1.88%	0.252%
23	13.367	1889	1894	1896	rBV6	8372	14555	2.27%	0.304%
24	13.428	1897	1904	1910	rVB	340707	532393	82.87%	11.108%
25	13.568	1923	1927	1931	rBV6	8472	10419	1.62%	0.217%
26	13.611	1931	1934	1942	rVB2	10944	20570	3.20%	0.429%
27	13.696	1942	1948	1950	rBV6	5632	12505	1.95%	0.261%
28	13.745	1951	1956	1961	rBV7	34930	61382	9.55%	1.281%
29	13.879	1971	1978	1980	rBV6	10877	25713	4.00%	0.536%
30	13.971	1989	1993	1996	rVB6	13430	20747	3.23%	0.433%
31	14.013	1998	2000	2005	rVB3	18050	21446	3.34%	0.447%
32	14.074	2007	2010	2013	rBV5	11681	13365	2.08%	0.279%
33	14.141	2016	2021	2026	rBV7	16479	33034	5.14%	0.689%
34	14.202	2027	2031	2034	rBV6	13867	21985	3.42%	0.459%
35	14.257	2034	2040	2054	rVB8	45502	111781	17.40%	2.332%
36	14.422	2063	2067	2071	rVB4	52586	70806	11.02%	1.477%

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Integrator: RTE

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37	14.617	2096	2099	2103	rBV6	11344	16768	2.61%	0.350%
38	14.684	2106	2110	2113	rVV5	25581	44940	7.00%	0.938%
39	14.727	2113	2117	2124	rVB2	73782	122608	19.09%	2.558%
40	14.849	2133	2137	2139	rBV3	21807	31415	4.89%	0.655%
41	15.007	2159	2163	2166	rBV4	17619	34287	5.34%	0.715%
42	15.123	2178	2182	2190	rVB6	32891	77571	12.07%	1.618%
43	15.214	2193	2197	2202	rVB	59624	79324	12.35%	1.655%
44	15.275	2203	2207	2212	rBV6	20594	39241	6.11%	0.819%
45	15.446	2231	2235	2242	rBV9	15053	34607	5.39%	0.722%
46	15.605	2258	2261	2267	rVB4	44901	78971	12.29%	1.648%
47	16.153	2347	2351	2357	rVB2	32320	57123	8.89%	1.192%
48	16.470	2399	2403	2410	rBV8	18234	33669	5.24%	0.702%

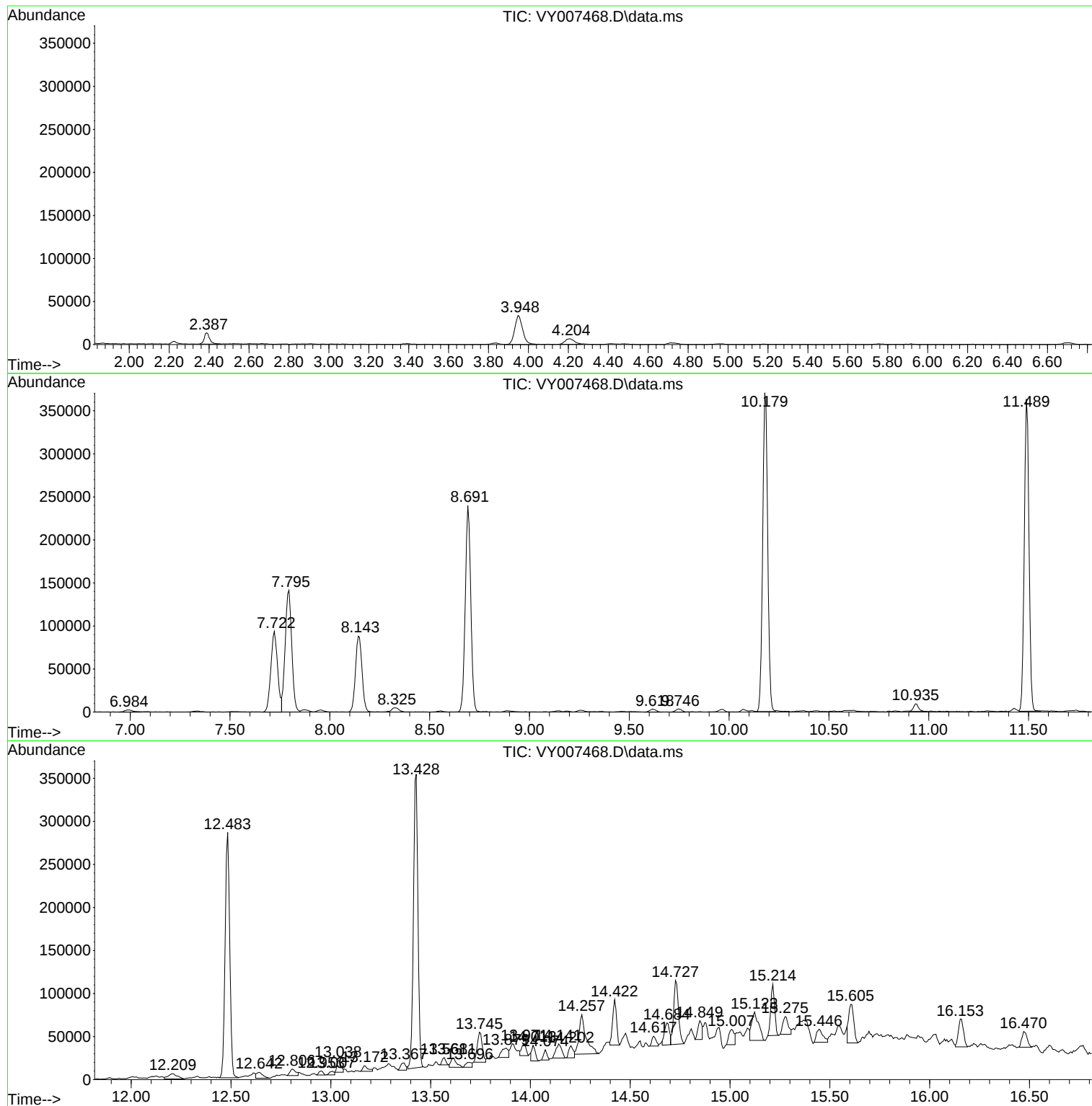
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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



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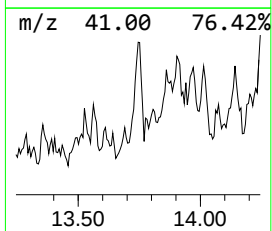
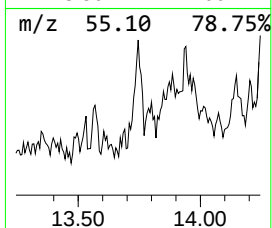
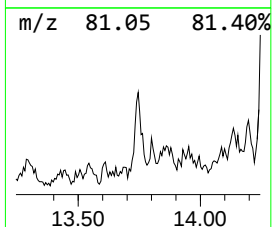
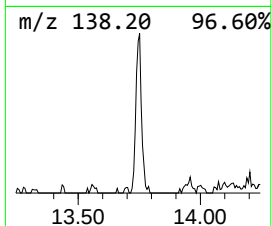
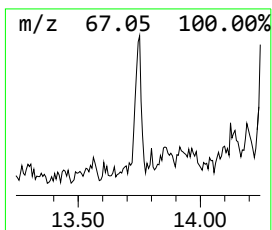
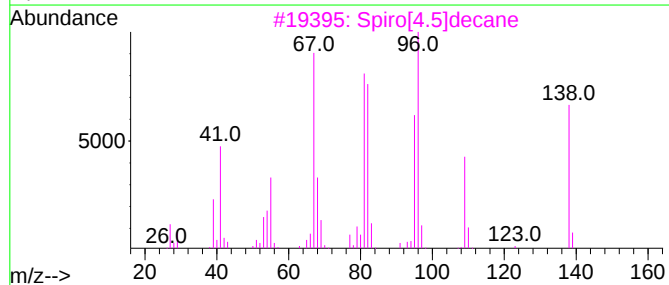
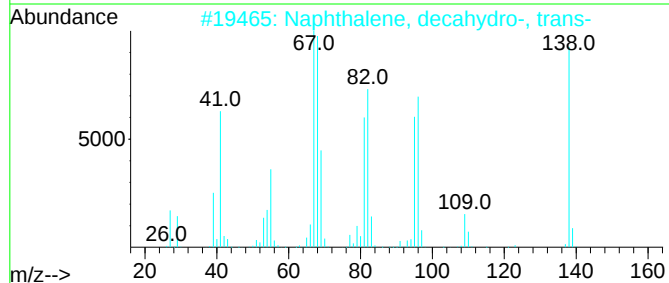
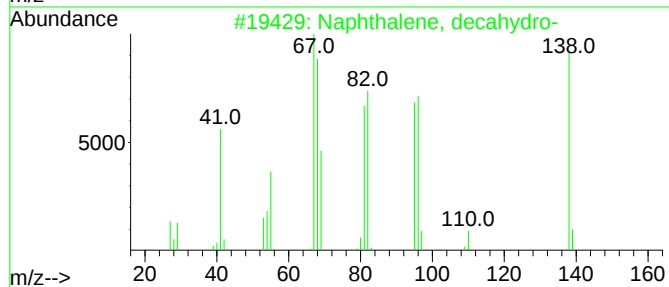
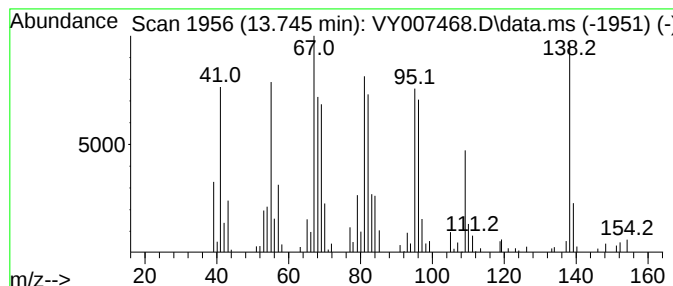
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	5.76 ug/l	61382	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3			Spiro[4.5]decane	138	C10H18	000176-63-6	81
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5			Cyclodecene	138	C10H18	003618-12-0	68



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

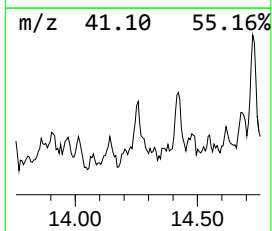
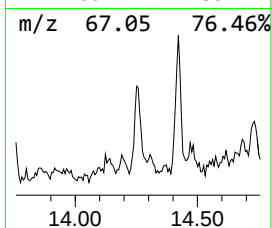
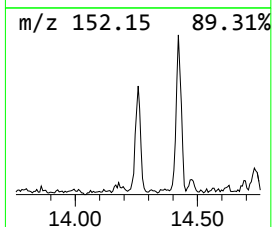
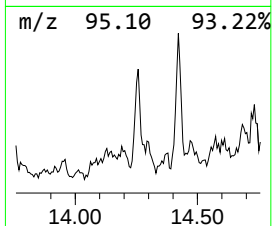
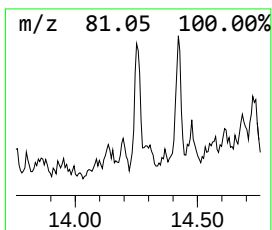
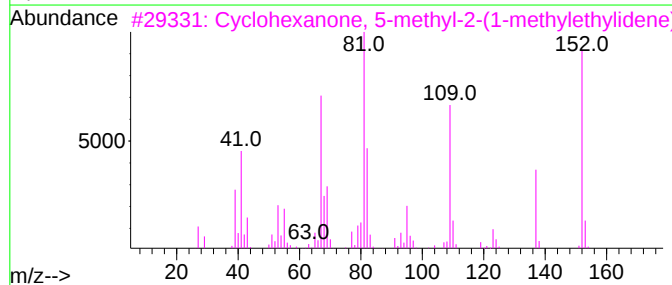
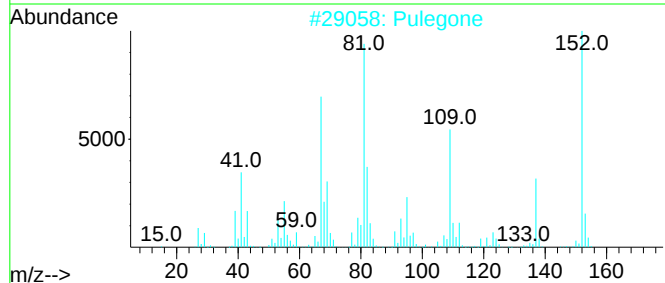
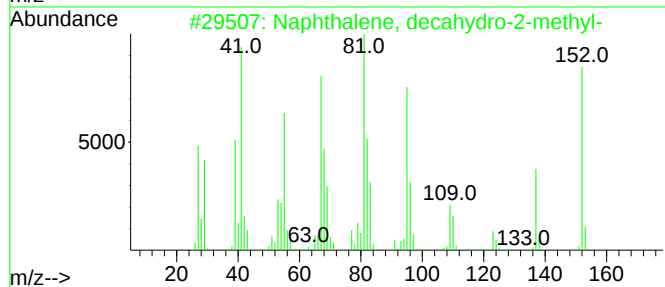
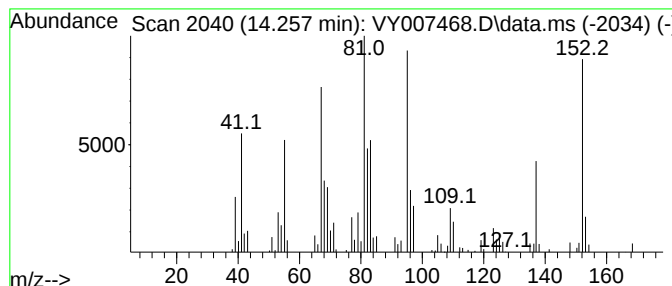
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	10.50 ug/l	111781	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			Pulegone	152	C10H16O	000089-82-7	83
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	83
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70



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Misc : 5.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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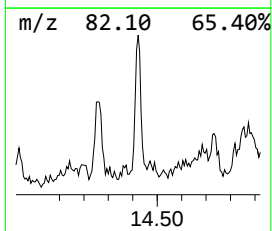
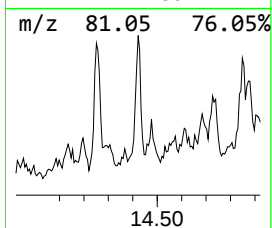
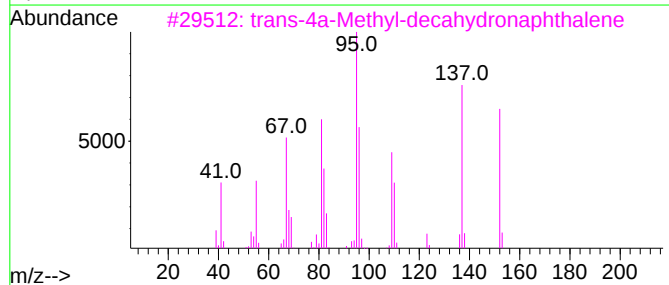
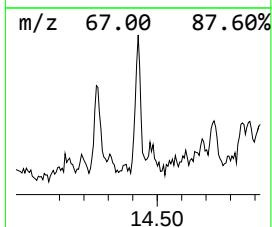
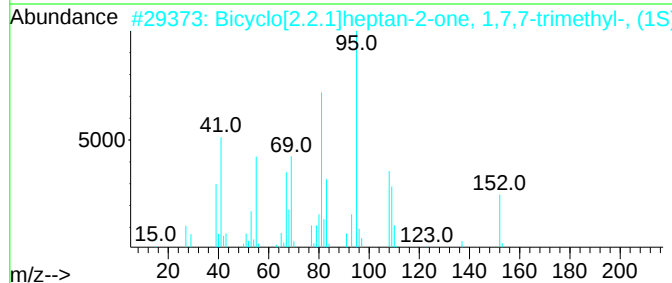
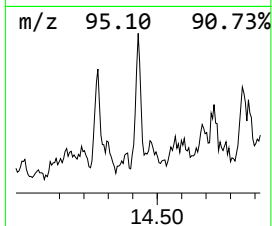
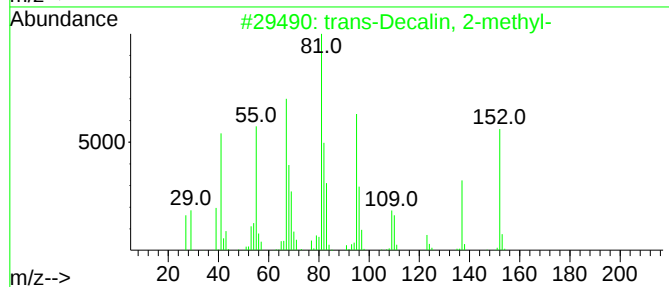
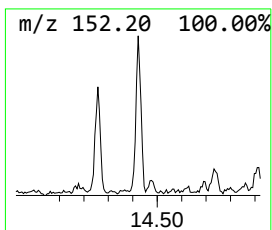
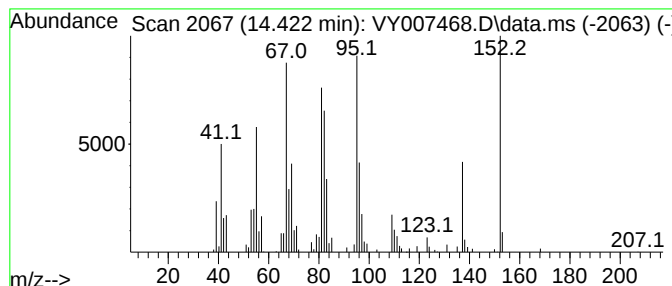
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	6.65 ug/l	70806	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	58
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49



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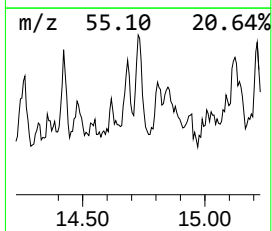
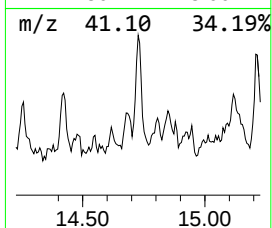
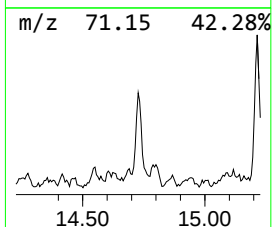
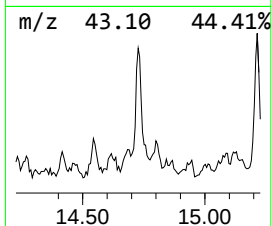
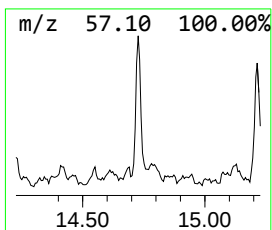
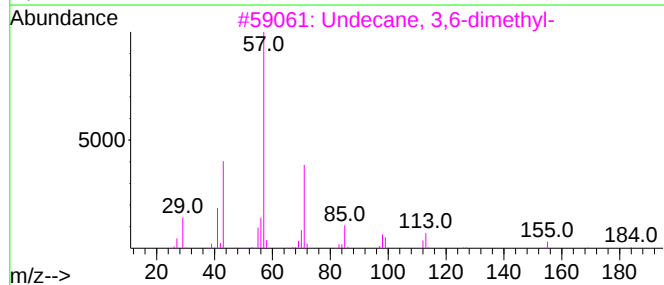
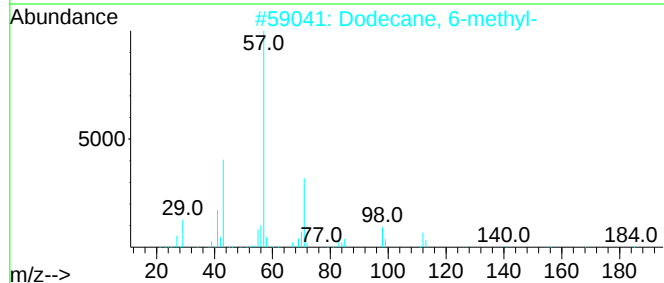
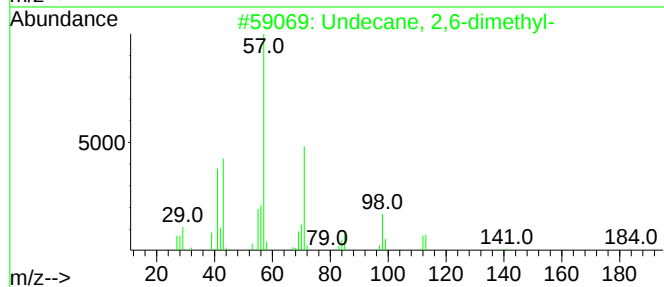
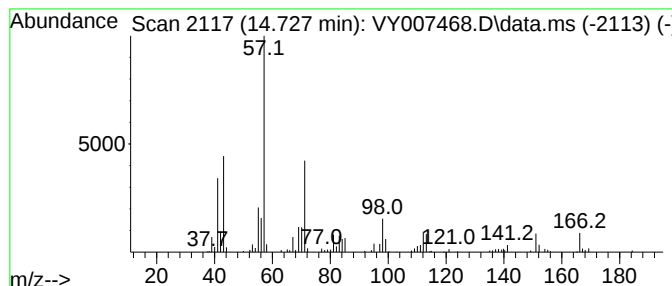
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	11.51 ug/l	122608	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
5			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	53



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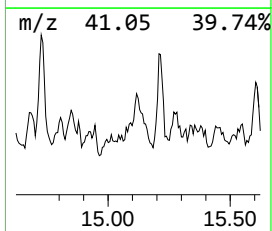
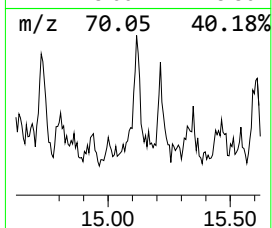
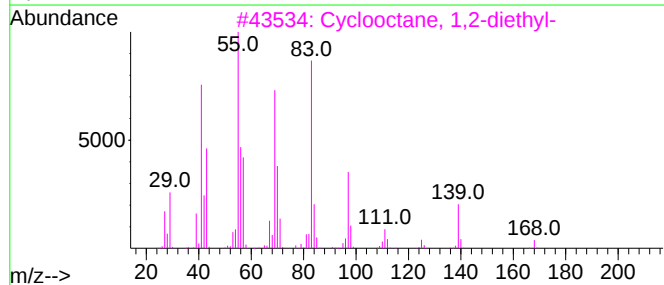
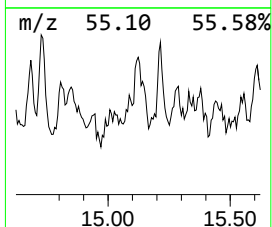
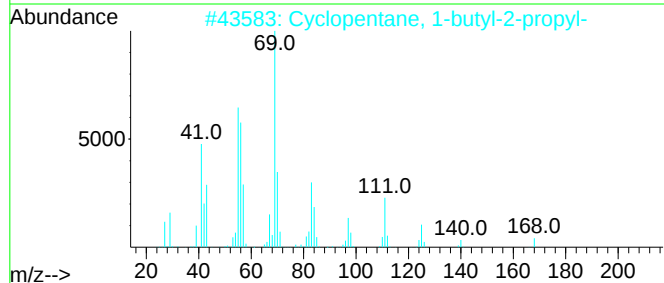
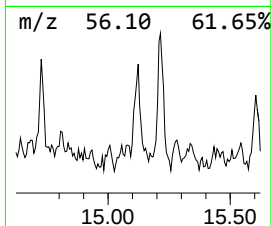
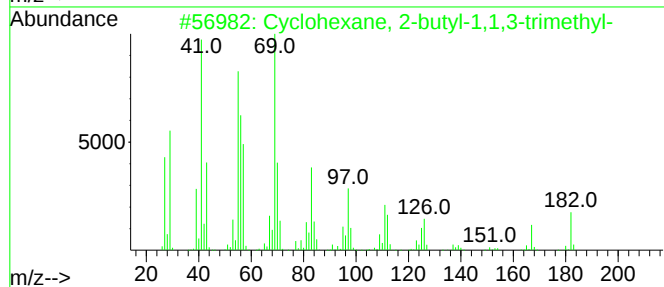
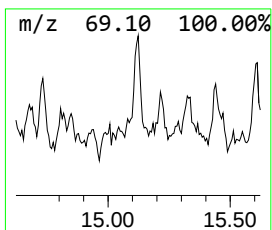
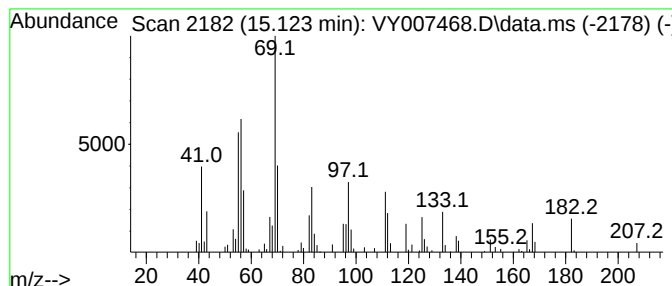
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	7.29 ug/l	77571	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	74
3			Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64
4			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	62
5			2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007468.D
Acq On : 10 Feb 2022 13:50
Operator : SY/MD
Sample : N1457-01
Misc : 5.05g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

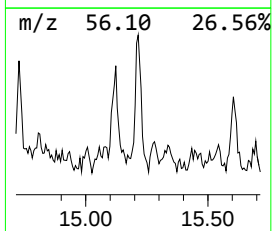
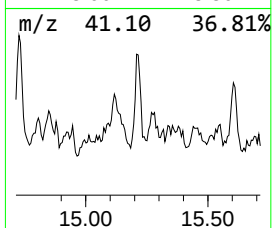
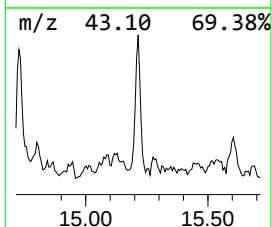
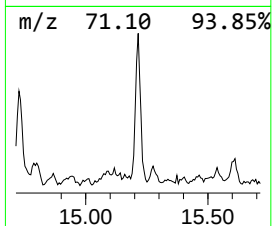
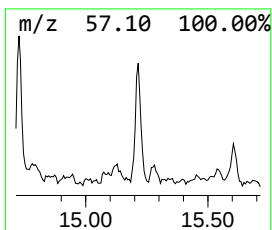
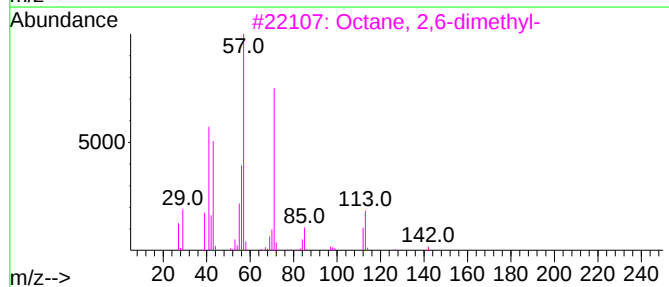
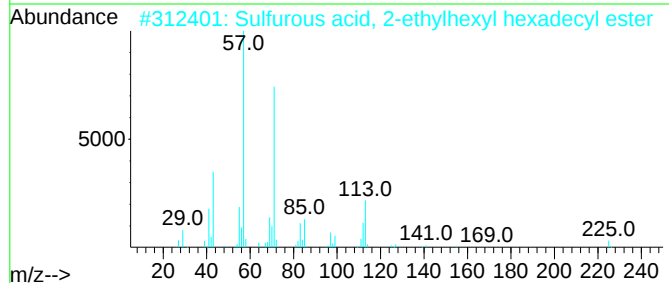
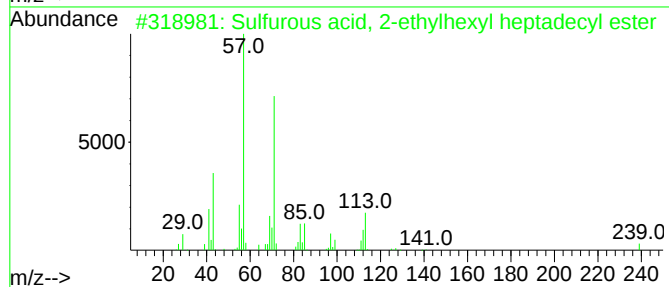
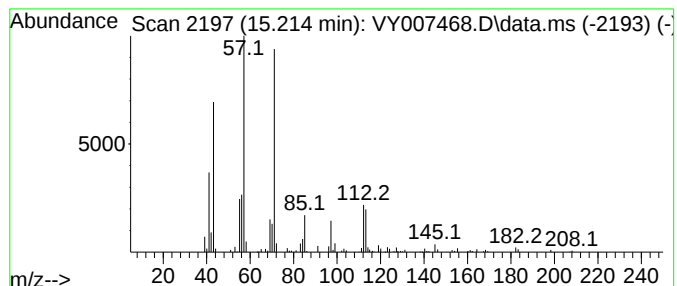
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Quant Title : SW846 8260

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

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	7.45 ug/l	79324	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007468.D
Acq On : 10 Feb 2022 13:50
Operator : SY/MD
Sample : N1457-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

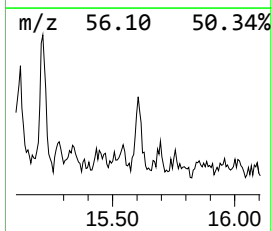
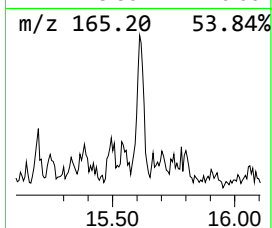
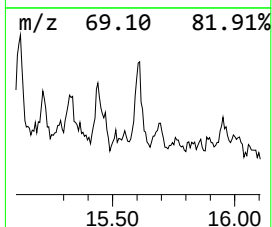
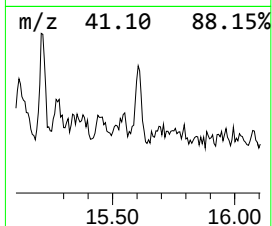
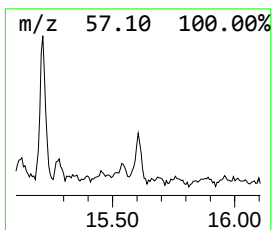
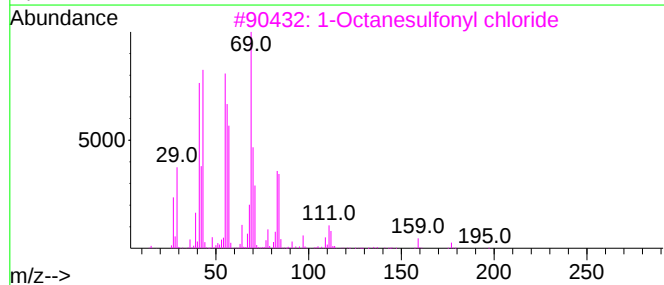
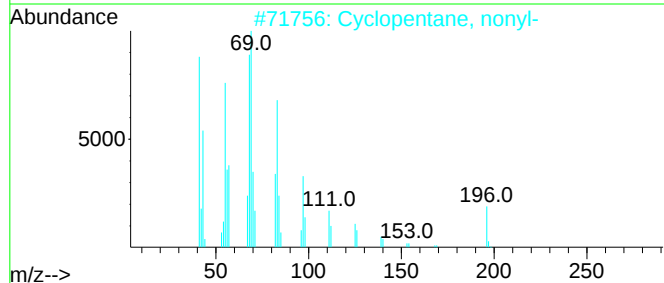
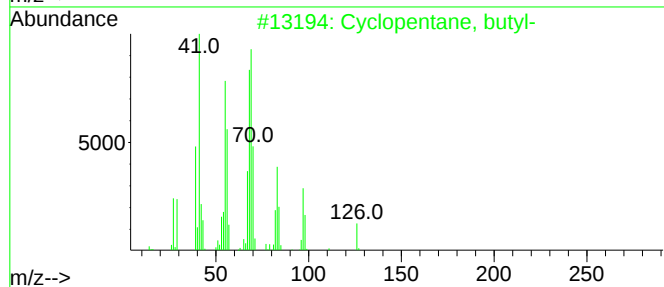
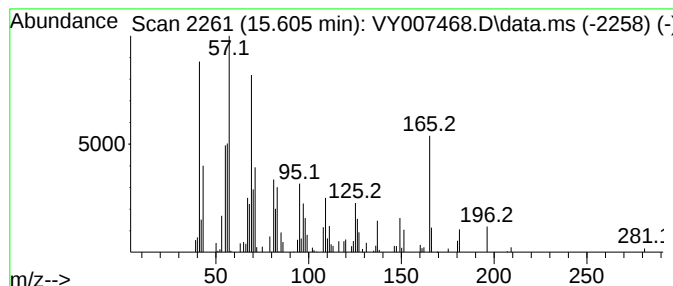
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.605	7.42 ug/l	78971	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	60
2			Cyclopentane, nonyl-	196	C14H28	002882-98-6	38
3			1-Octanesulfonyl chloride	212	C8H17ClO2S	007795-95-1	35
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	35
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007468.D
Acq On : 10 Feb 2022 13:50
Operator : SY/MD
Sample : N1457-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

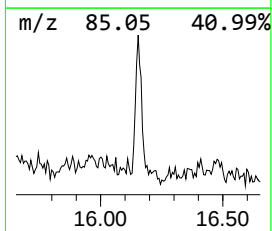
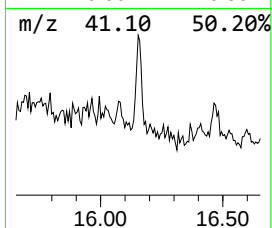
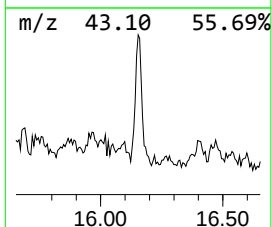
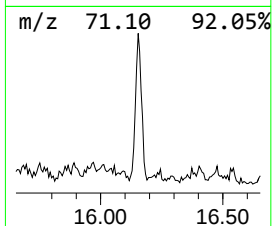
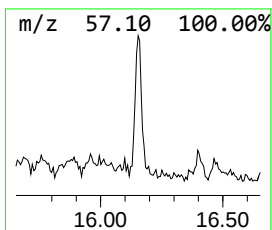
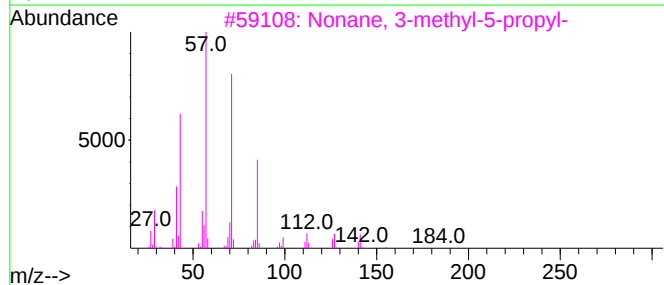
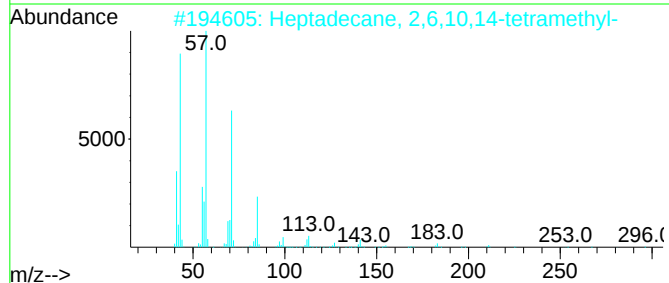
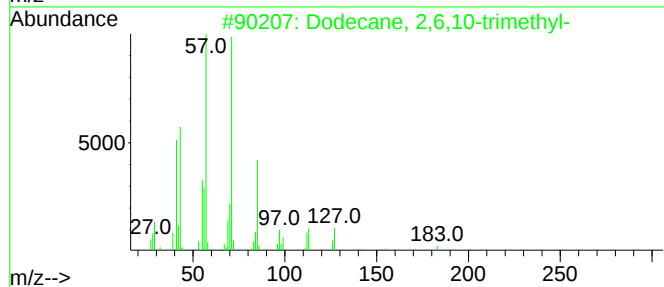
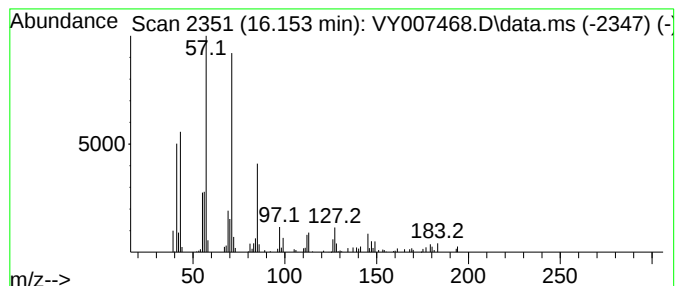
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.153	5.36 ug/l	57123	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007468.D
Acq On : 10 Feb 2022 13:50
Operator : SY/MD
Sample : N1457-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

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
Naphthalene, de...	13.745	5.8	ug/l	61382	4	13.428	532393	50.0
Naphthalene, de...	14.257	10.5	ug/l	111781	4	13.428	532393	50.0
trans-Decalin, ...	14.422	6.7	ug/l	70806	4	13.428	532393	50.0
Undecane, 2,6-d...	14.727	11.5	ug/l	122608	4	13.428	532393	50.0
Cyclohexane, 2-...	15.123	7.3	ug/l	77571	4	13.428	532393	50.0
Sulfurous acid,...	15.214	7.5	ug/l	79324	4	13.428	532393	50.0
Cyclopentane, b...	15.605	7.4	ug/l	78971	4	13.428	532393	50.0
Dodecane, 2,6,1...	16.153	5.4	ug/l	57123	4	13.428	532393	50.0