

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003909.D
 Acq On : 12 Jan 2021 18:26
 Operator : SY/MD
 Sample : M1075-01
 Misc : 5.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

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\82Y011221S.M

Title : SW846 8260

Signal : TIC: VY003909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	247	257	272	rBV2	25873	77221	5.61%	0.810%
2	4.722	468	476	484	rBV3	5869	18081	1.31%	0.190%
3	7.722	957	968	974	rBV	119629	283373	20.58%	2.971%
4	7.795	974	980	991	rVB	194330	434132	31.53%	4.551%
5	8.143	1028	1037	1047	rBV2	129819	296659	21.54%	3.110%
6	8.691	1118	1127	1136	rBV	312890	621063	45.10%	6.511%
7	10.179	1364	1371	1379	rBV	517434	898608	65.25%	9.420%
8	11.490	1580	1586	1593	rVB	482619	781702	56.77%	8.195%
9	12.331	1718	1724	1730	rBV	301904	498417	36.19%	5.225%
10	12.477	1742	1748	1755	rVB	410159	647290	47.00%	6.786%
11	12.581	1762	1765	1770	rVB5	13523	18853	1.37%	0.198%
12	12.806	1799	1802	1808	rVB6	10650	22093	1.60%	0.232%
13	12.886	1809	1815	1821	rBV	855057	1377076	100.00%	14.436%
14	13.117	1850	1853	1864	rVB2	31754	66021	4.79%	0.692%
15	13.337	1882	1889	1896	rBV8	15254	34021	2.47%	0.357%
16	13.422	1896	1903	1914	rVB	545265	848434	61.61%	8.894%
17	13.623	1931	1936	1940	rBV2	30716	56025	4.07%	0.587%
18	13.751	1952	1957	1960	rBV	46902	67196	4.88%	0.704%
19	13.800	1961	1965	1973	rVB2	23095	46853	3.40%	0.491%
20	13.965	1989	1992	1996	rVB2	10490	13915	1.01%	0.146%
21	14.562	2085	2090	2093	rBV4	12853	21969	1.60%	0.230%
22	14.605	2093	2097	2102	rVB	79259	104864	7.61%	1.099%
23	14.678	2103	2109	2114	rVV4	30972	63062	4.58%	0.661%
24	14.727	2114	2117	2123	rVB2	22397	37272	2.71%	0.391%
25	14.824	2130	2133	2139	rVB3	14202	21585	1.57%	0.226%
26	14.934	2147	2151	2155	rBV4	12067	18546	1.35%	0.194%
27	15.050	2161	2170	2174	rBV6	22975	56743	4.12%	0.595%
28	15.129	2180	2183	2190	rVB3	24879	40453	2.94%	0.424%
29	15.227	2190	2199	2206	rBV	224339	449699	32.66%	4.714%
30	15.288	2206	2209	2212	rVV4	16099	21788	1.58%	0.228%
31	15.336	2212	2217	2224	rVV6	24847	57951	4.21%	0.608%
32	15.428	2227	2232	2239	rVB	184106	287708	20.89%	3.016%
33	15.531	2241	2249	2254	rBV7	26067	72217	5.24%	0.757%
34	15.599	2254	2260	2265	rVB4	21590	41867	3.04%	0.439%
35	15.684	2266	2274	2276	rBV7	16385	34864	2.53%	0.365%
36	15.720	2276	2280	2286	rVB4	45110	80416	5.84%	0.843%

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37	15.879	2301	2306	2310	rBV4	24794	50089	3.64%	0.525%
38	15.958	2317	2319	2323	rVB4	13703	15845	1.15%	0.166%
39	16.019	2323	2329	2330	rBV3	41295	68362	4.96%	0.717%
40	16.086	2336	2340	2346	rVB7	28565	55252	4.01%	0.579%
41	16.153	2346	2351	2355	rBV2	31577	54095	3.93%	0.567%
42	16.220	2357	2362	2367	rBV2	44650	83730	6.08%	0.878%
43	16.287	2367	2373	2378	rVV	117730	209320	15.20%	2.194%
44	16.354	2379	2384	2395	rVB	168050	298153	21.65%	3.126%
45	16.483	2398	2405	2411	rBV	76102	186361	13.53%	1.954%

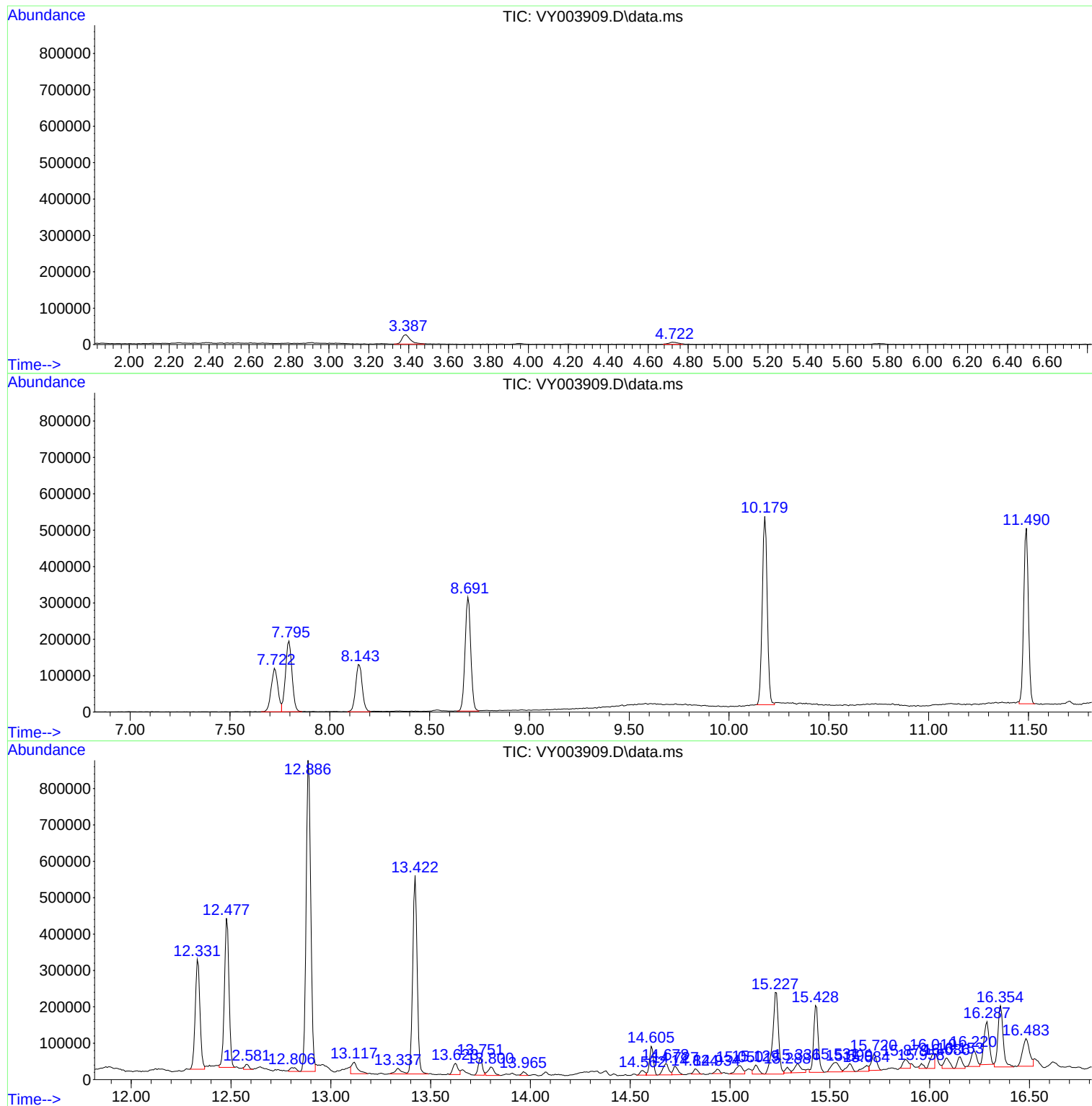
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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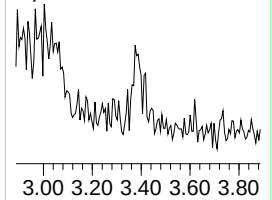
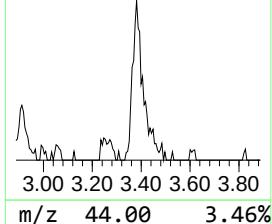
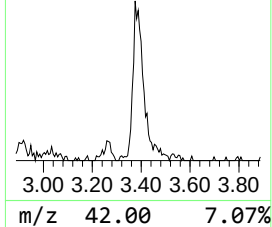
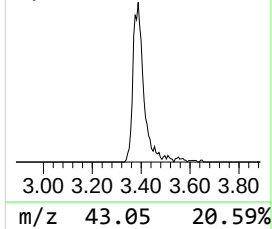
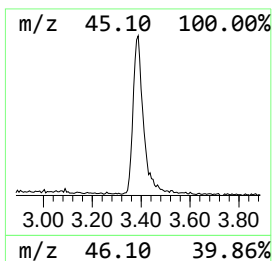
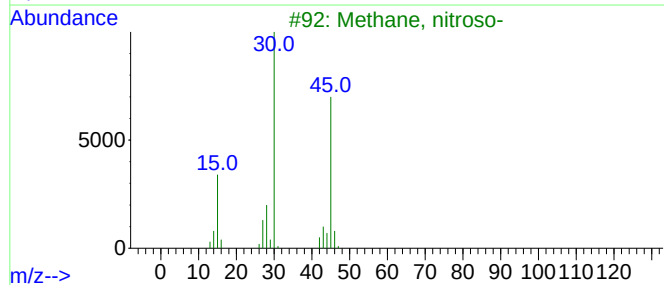
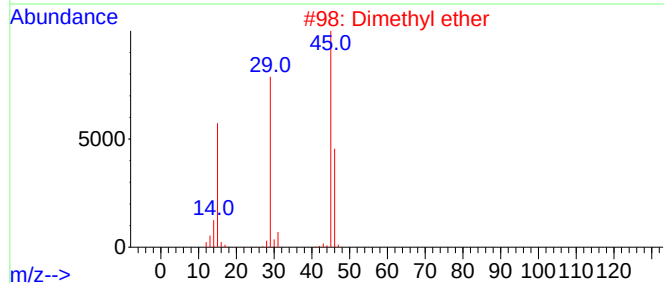
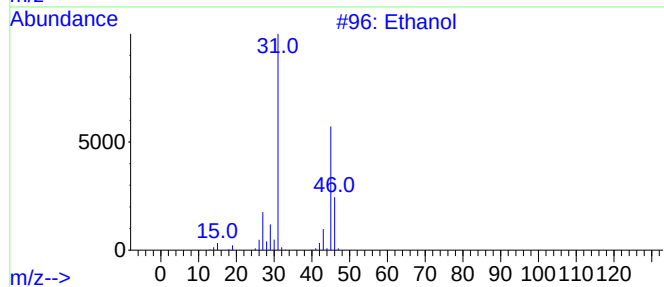
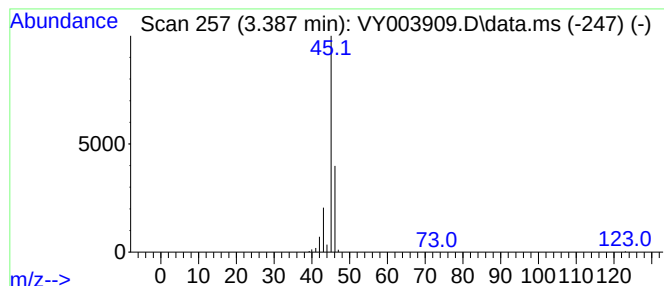
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	8.89 ug/l	77221	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol	46	C2H6O	000064-17-5	74
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Methane, nitroso-	45	CH3NO	000865-40-7	4
4			Formic acid	46	CH2O2	000064-18-6	4
5			Propanedioic acid, dihydroxy-	136	C3H4O6	000560-27-0	4



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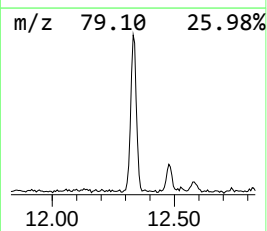
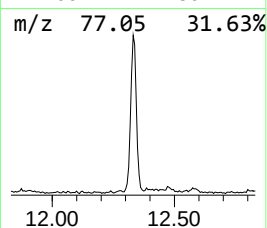
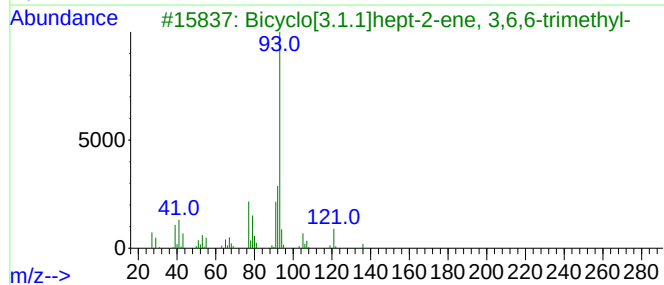
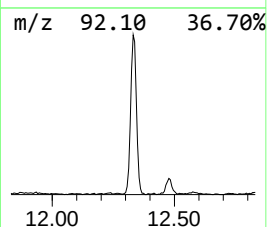
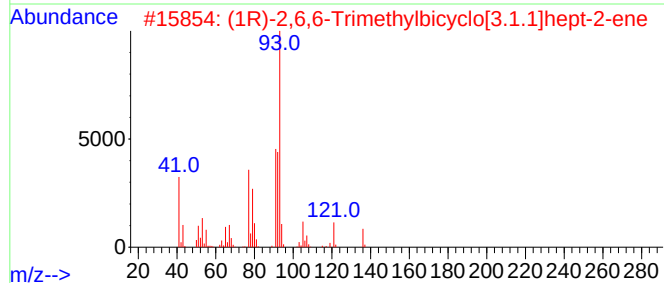
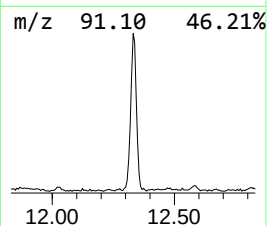
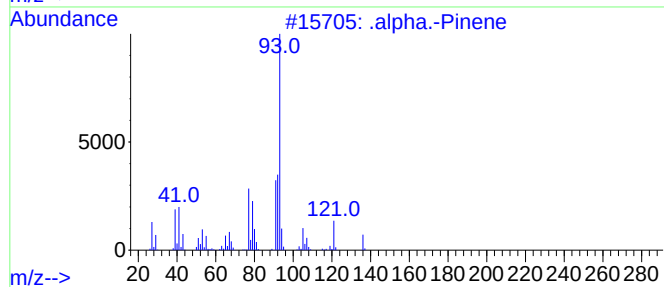
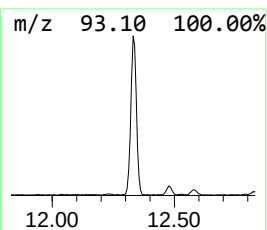
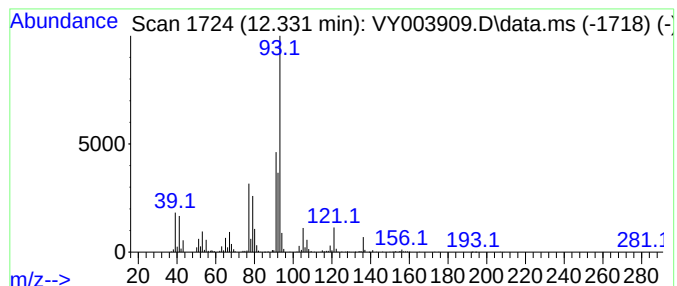
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	31.88 ug/l	498417	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	96
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
5			3-Carene	136	C10H16	013466-78-9	90



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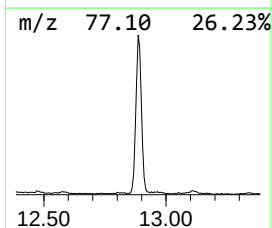
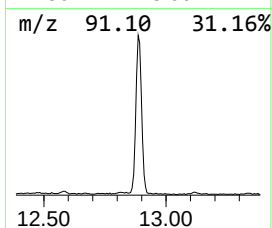
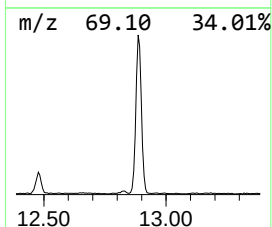
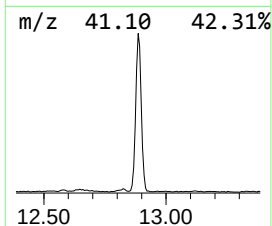
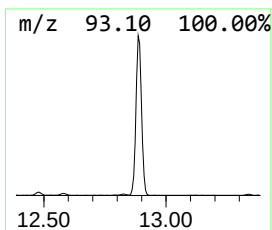
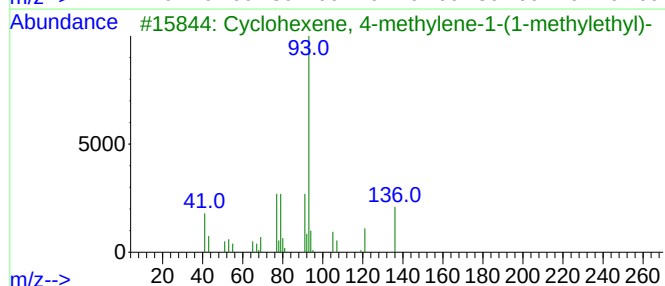
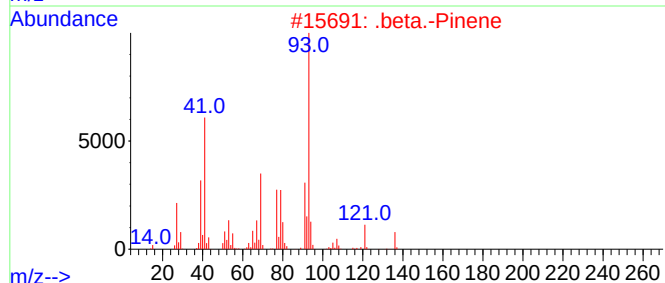
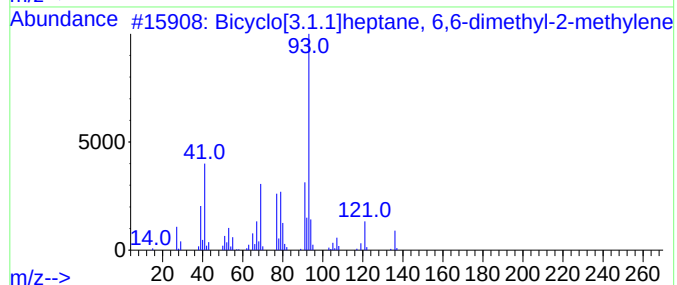
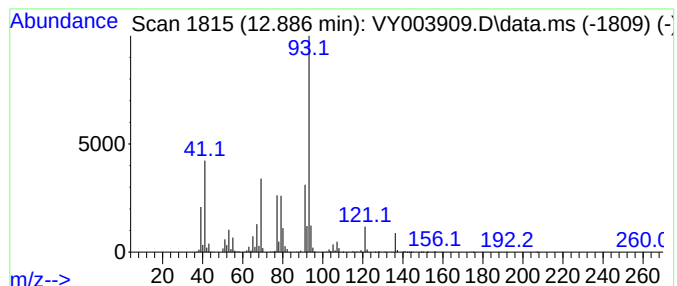
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	81.15 ug/l	1377080	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5			.alpha.-Pinene	136	C10H16	000080-56-8	90



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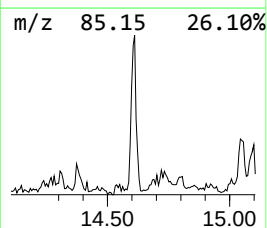
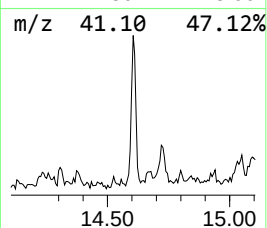
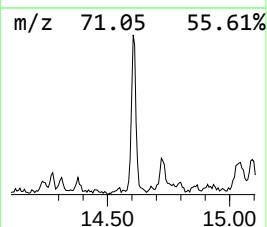
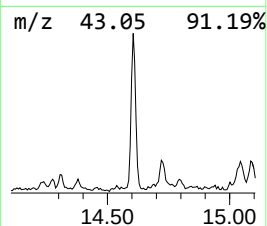
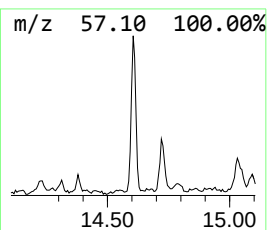
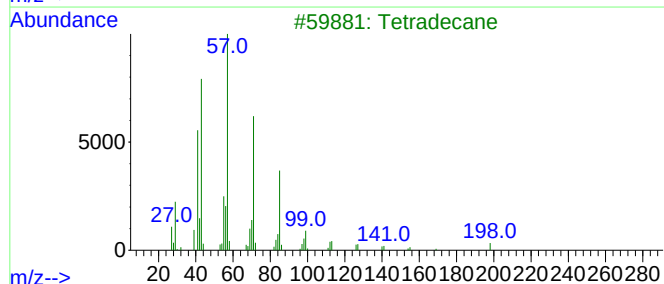
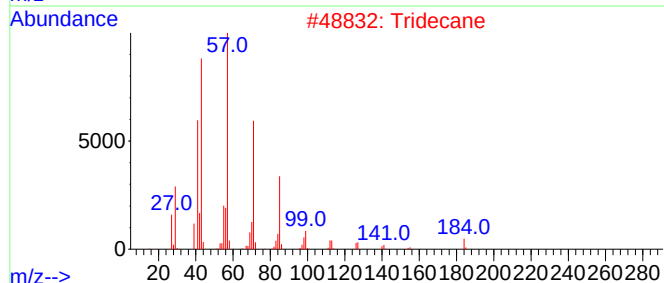
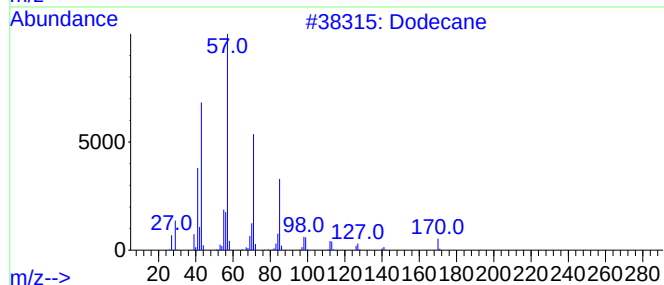
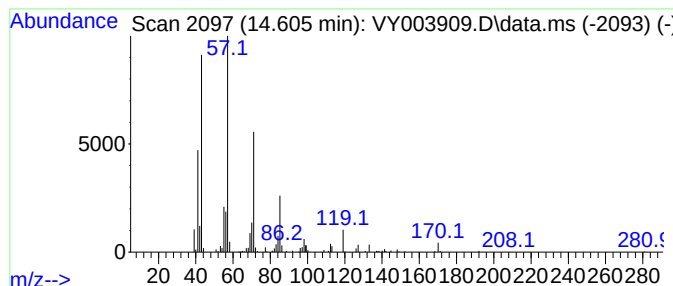
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Peak Number 4 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.605	6.18 ug/l	104864	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Tridecane	184	C13H28	000629-50-5	72
3			Tetradecane	198	C14H30	000629-59-4	58
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5			Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	53



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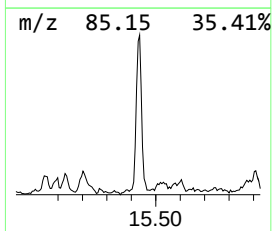
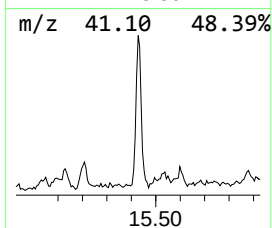
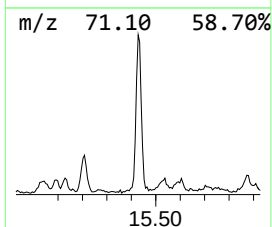
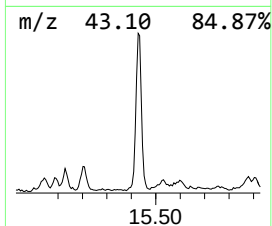
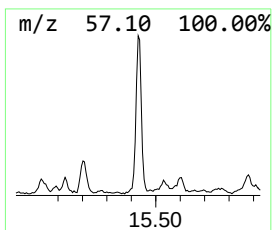
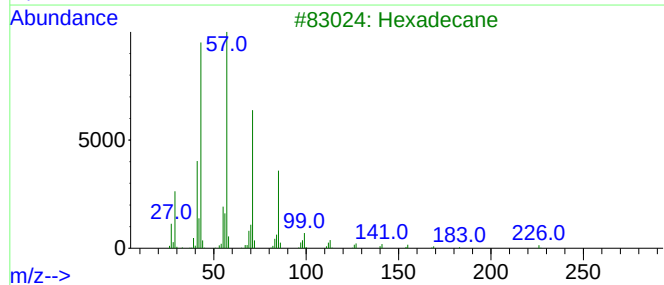
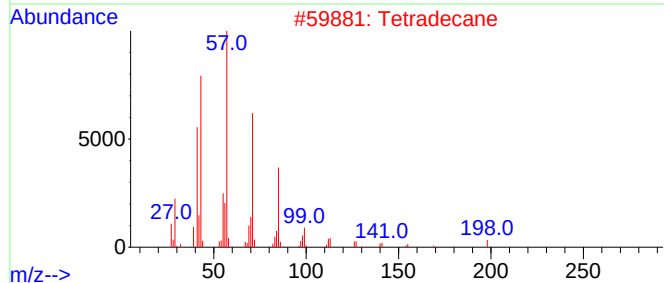
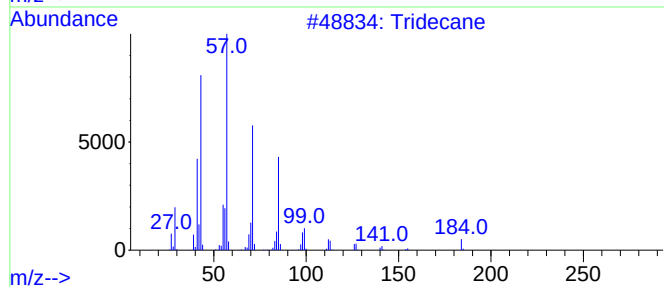
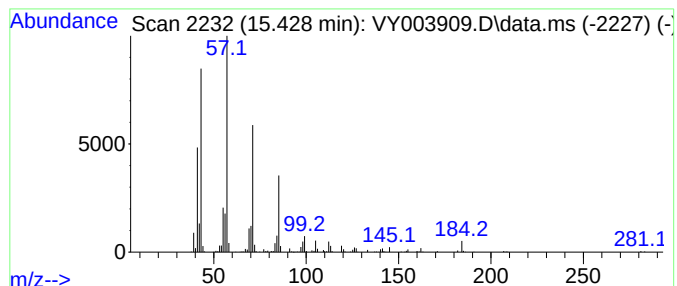
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	16.96 ug/l	287708	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	87
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003909.D
Acq On : 12 Jan 2021 18:26
Operator : SY/MD
Sample : M1075-01
Misc : 5.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

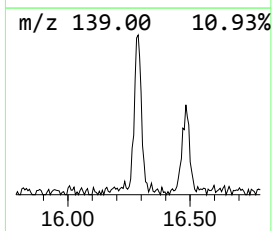
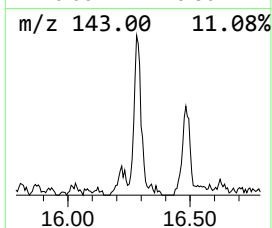
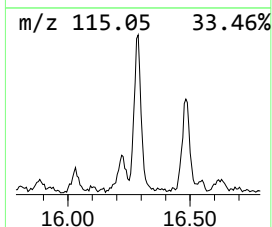
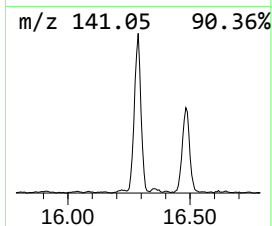
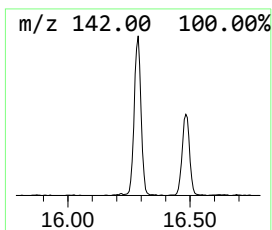
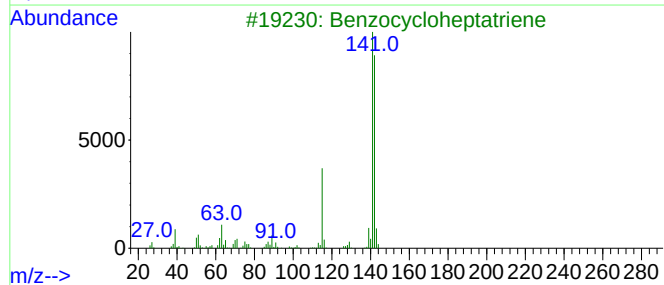
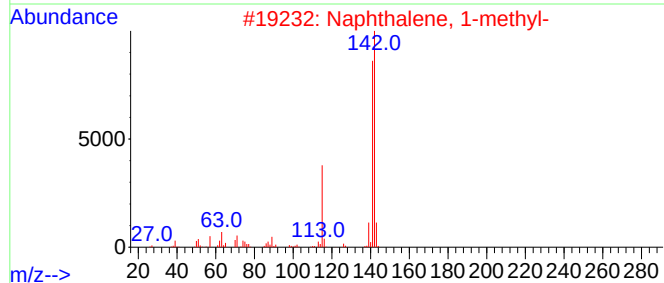
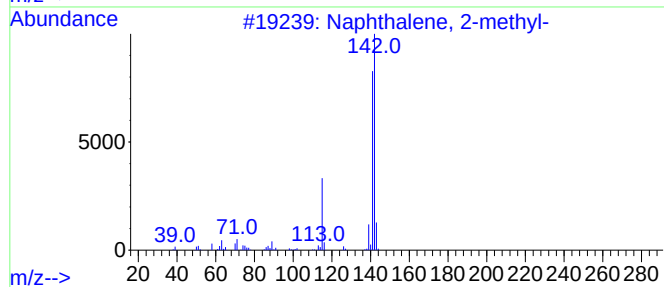
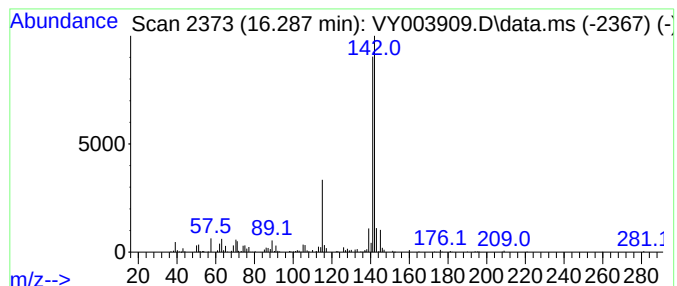
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	12.34 ug/l	209320	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003909.D
Acq On : 12 Jan 2021 18:26
Operator : SY/MD
Sample : M1075-01
Misc : 5.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

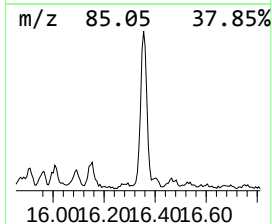
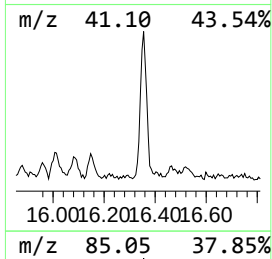
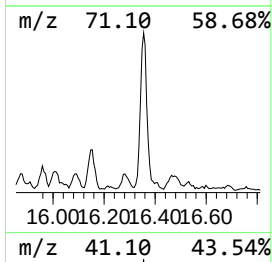
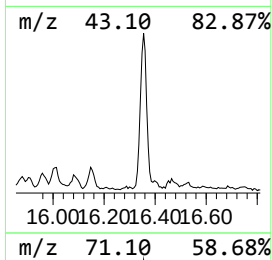
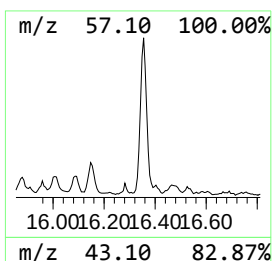
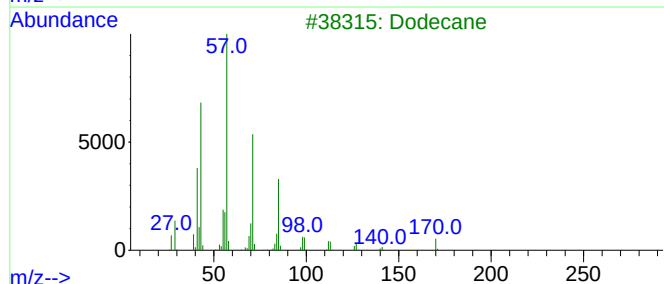
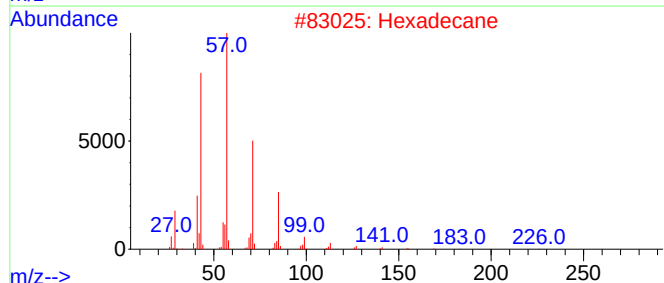
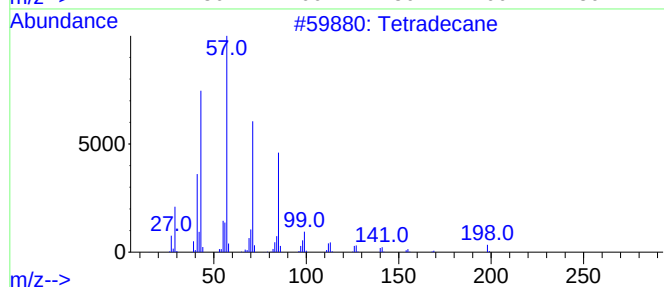
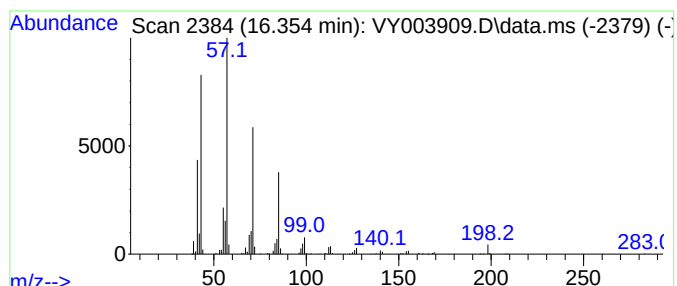
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.355	17.57 ug/l	298153	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Hexadecane	226	C16H34	000544-76-3	87
3			Dodecane	170	C12H26	000112-40-3	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003909.D
Acq On : 12 Jan 2021 18:26
Operator : SY/MD
Sample : M1075-01
Misc : 5.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

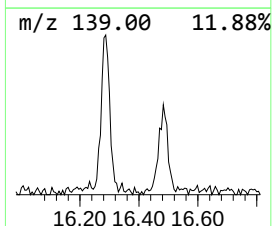
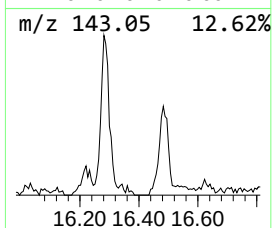
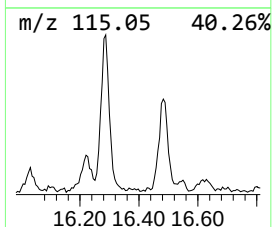
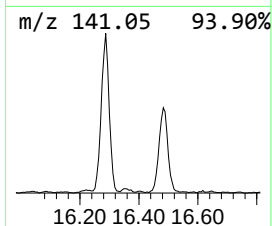
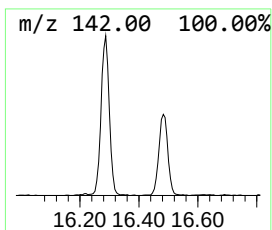
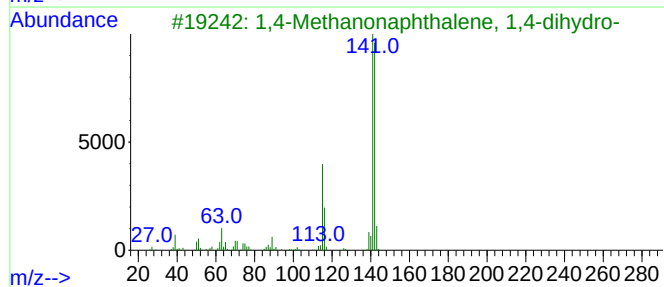
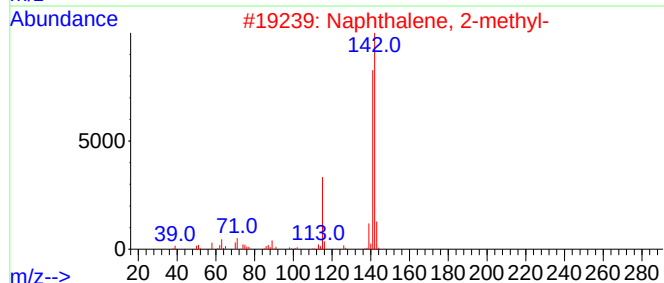
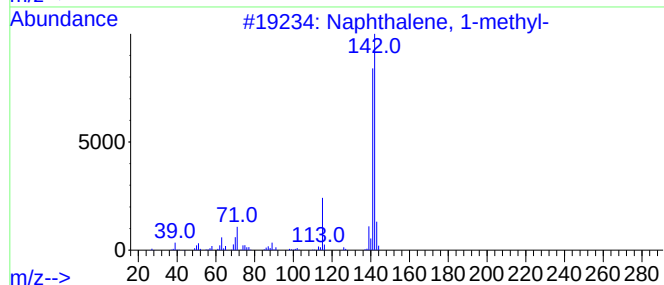
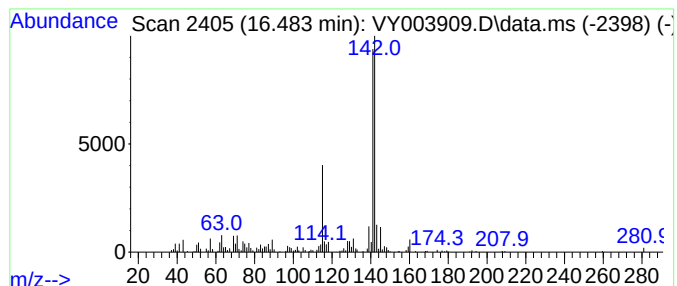
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	10.98 ug/l	186361	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003909.D
Acq On : 12 Jan 2021 18:26
Operator : SY/MD
Sample : M1075-01
Misc : 5.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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.alpha.-Pinene	12.331	31.9	ug/l	498417	3	11.490	781702	50.0
Bicyclo[3.1.1]h...	12.886	81.2	ug/l	1377080	4	13.422	848434	50.0
Dodecane	14.605	6.2	ug/l	104864	4	13.422	848434	50.0
Tridecane	15.428	17.0	ug/l	287708	4	13.422	848434	50.0
Benzocyclohepta...	16.287	12.3	ug/l	209320	4	13.422	848434	50.0
Tetradecane	16.355	17.6	ug/l	298153	4	13.422	848434	50.0
Naphthalene, 1-...	16.483	11.0	ug/l	186361	4	13.422	848434	50.0