

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071105.D
 Acq On : 01 Dec 2021 14:25
 Operator : VA/SY
 Sample : M4721-03
 Misc : 0.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-3

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_D\Method\82D112921S.M
 Title : SW846 8260

Signal : TIC: VD071105.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.320	64	68	73	rBV5	12135	21096	1.09%	0.091%
2	2.650	115	124	125	rBV3	15286	28118	1.46%	0.122%
3	2.809	144	151	158	rVB	190716	362546	18.77%	1.570%
4	4.714	467	475	488	rVB	61640	183074	9.48%	0.793%
5	4.967	506	518	529	rBV3	27712	93505	4.84%	0.405%
6	7.714	979	985	993	rBV6	10231	27158	1.41%	0.118%
7	7.914	1008	1019	1024	rBV2	244865	592975	30.70%	2.568%
8	7.979	1024	1030	1040	rVB	383129	873491	45.23%	3.782%
9	8.332	1081	1090	1099	rBV	209642	473529	24.52%	2.050%
10	8.861	1171	1180	1189	rBV	655620	1339986	69.38%	5.802%
11	10.338	1423	1431	1439	rBV	1066343	1931428	100.00%	8.363%
12	11.238	1575	1584	1590	rBV3	22995	44567	2.31%	0.193%
13	11.638	1645	1652	1665	rBV	1025551	1752056	90.71%	7.587%
14	11.885	1689	1694	1697	rBV5	11983	20332	1.05%	0.088%
15	12.149	1730	1739	1745	rBV5	36098	91971	4.76%	0.398%
16	12.261	1755	1758	1763	rVB3	21387	31452	1.63%	0.136%
17	12.349	1763	1773	1774	rBV6	42416	76629	3.97%	0.332%
18	12.373	1774	1777	1783	rVB3	52279	86233	4.46%	0.373%
19	12.461	1783	1792	1795	rBV9	24799	60198	3.12%	0.261%
20	12.532	1800	1804	1813	rVB9	23939	63957	3.31%	0.277%
21	12.626	1813	1820	1827	rBV	858477	1436499	74.37%	6.220%
22	12.708	1828	1834	1839	rBV7	27101	55141	2.85%	0.239%
23	12.791	1842	1848	1853	rVB3	131946	236097	12.22%	1.022%
24	12.849	1853	1858	1859	rBV3	28129	36222	1.88%	0.157%
25	12.955	1868	1876	1888	rBV8	87261	311192	16.11%	1.348%
26	13.049	1888	1892	1894	rBV5	12425	19803	1.03%	0.086%
27	13.091	1894	1899	1902	rBV5	54867	87296	4.52%	0.378%
28	13.138	1903	1907	1910	rBV5	22816	34807	1.80%	0.151%
29	13.179	1910	1914	1919	rBV3	114475	187894	9.73%	0.814%
30	13.273	1927	1930	1932	rBV3	25434	32872	1.70%	0.142%
31	13.308	1932	1936	1939	rVV4	39187	60916	3.15%	0.264%
32	13.355	1941	1944	1947	rVB3	35333	45763	2.37%	0.198%
33	13.496	1964	1968	1971	rVB3	67723	90885	4.71%	0.394%
34	13.567	1974	1980	1988	rVB	870196	1490554	77.17%	6.454%
35	13.638	1988	1992	1994	rBV3	54820	72211	3.74%	0.313%
36	13.708	1998	2004	2018	rBV4	144992	373094	19.32%	1.616%

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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

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37	13.885	2028	2034	2040	rBV2	413098	767719	39.75%	3.324%
38	13.990	2049	2052	2056	rBV4	85395	134747	6.98%	0.583%
39	14.208	2084	2089	2094	rBV3	223918	408385	21.14%	1.768%
40	14.273	2096	2100	2106	rVV4	188209	328424	17.00%	1.422%
41	14.343	2107	2112	2113	rBV4	95839	162798	8.43%	0.705%
42	14.390	2116	2120	2126	rVB5	385509	657197	34.03%	2.846%
43	14.508	2136	2140	2143	rBV3	256603	384207	19.89%	1.664%
44	14.555	2144	2148	2155	rVV7	402768	799805	41.41%	3.463%
45	14.714	2172	2175	2177	rBV2	84318	96154	4.98%	0.416%
46	14.749	2178	2181	2185	rBV3	131920	210025	10.87%	0.909%
47	14.808	2187	2191	2194	rVV4	243204	438250	22.69%	1.898%
48	14.855	2195	2199	2208	rVB4	568324	1314732	68.07%	5.693%
49	15.079	2234	2237	2242	rVB4	316859	487936	25.26%	2.113%
50	15.143	2244	2248	2251	rBV5	203887	357157	18.49%	1.547%
51	15.349	2278	2283	2290	rVB3	794704	1433221	74.21%	6.206%
52	15.596	2321	2325	2331	rVB6	241681	479208	24.81%	2.075%
53	15.655	2332	2335	2338	rBV5	162787	284145	14.71%	1.230%
54	15.761	2349	2353	2359	rVB4	408393	689355	35.69%	2.985%
55	16.326	2444	2449	2457	rVB	395573	753804	39.03%	3.264%
56	16.667	2503	2507	2511	rVB6	111495	180951	9.37%	0.784%

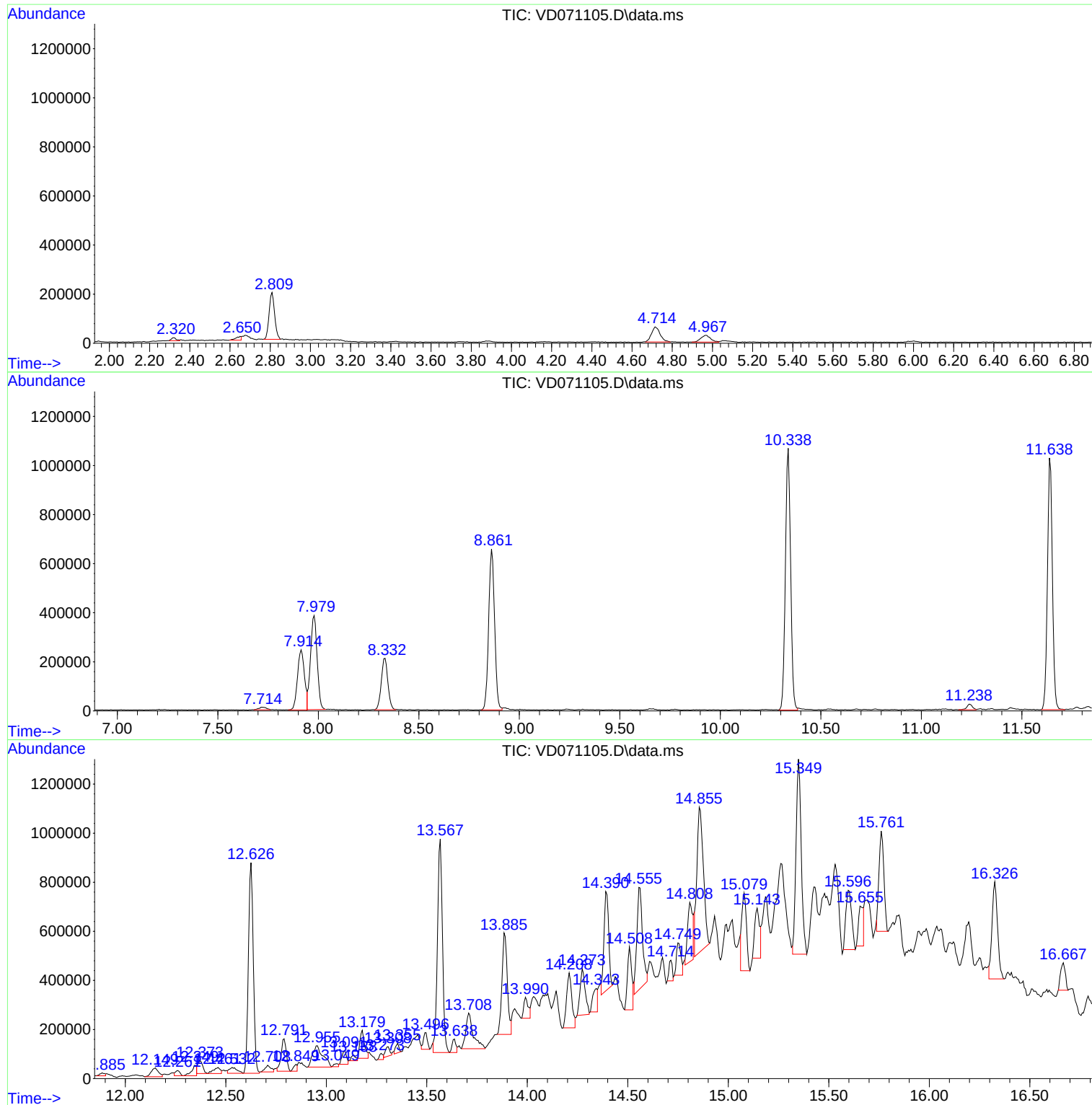
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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



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MSVOA_D
ClientSampleId :
SAMPLE-3

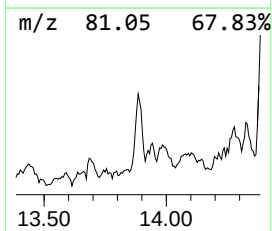
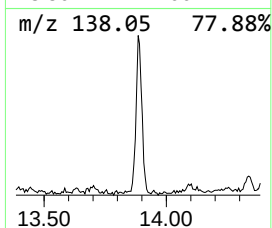
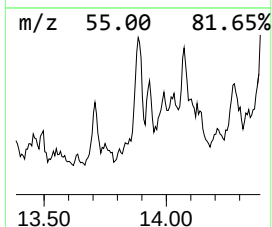
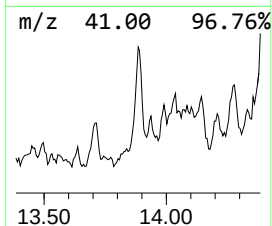
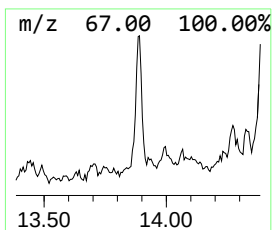
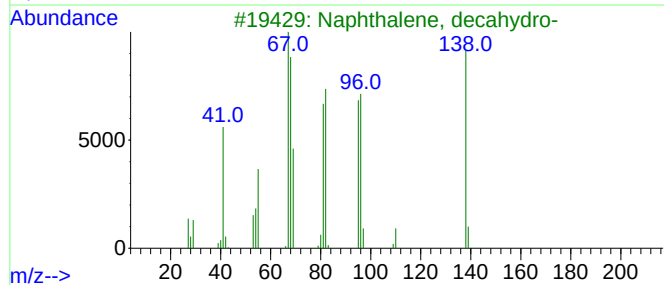
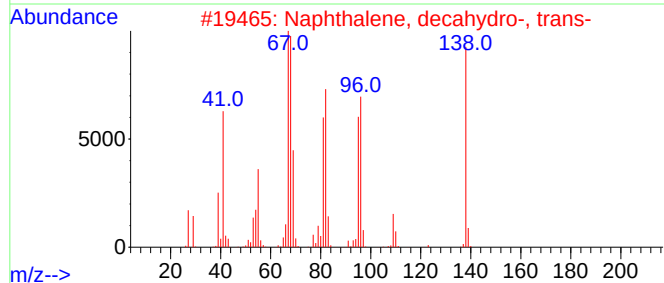
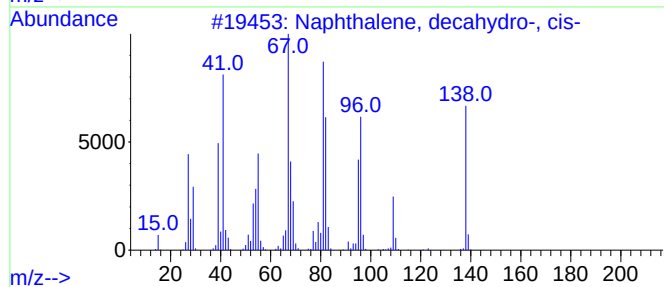
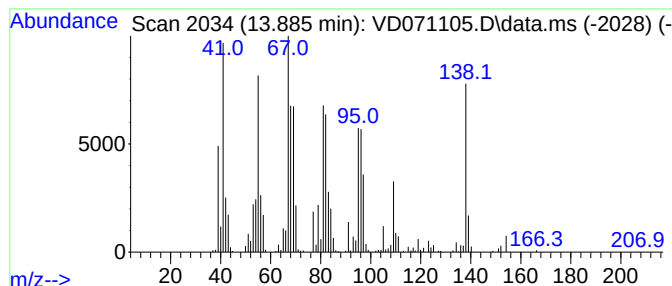
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	25.75 ug/l	767719	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
4			Spiro[4.5]decane	138	C10H18	000176-63-6	81
5			Cyclodecene	138	C10H18	003618-12-0	81



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Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

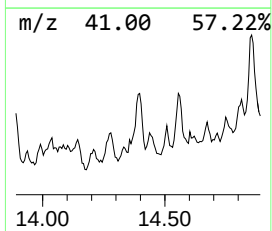
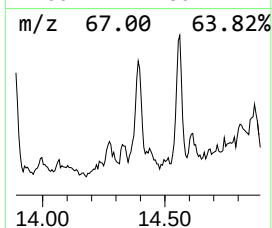
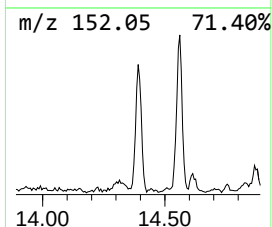
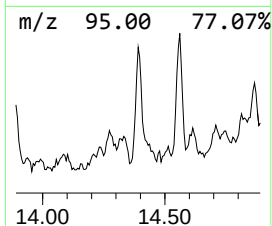
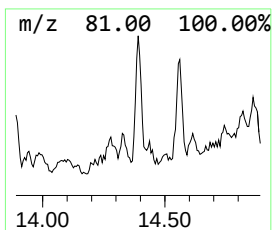
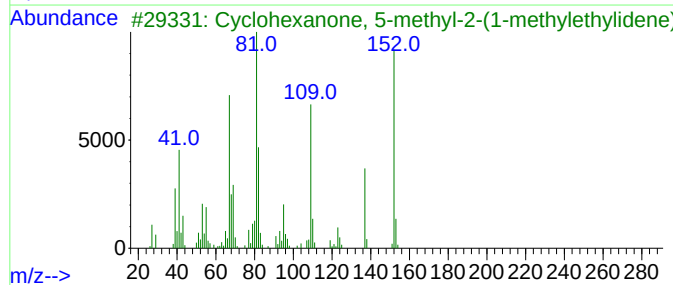
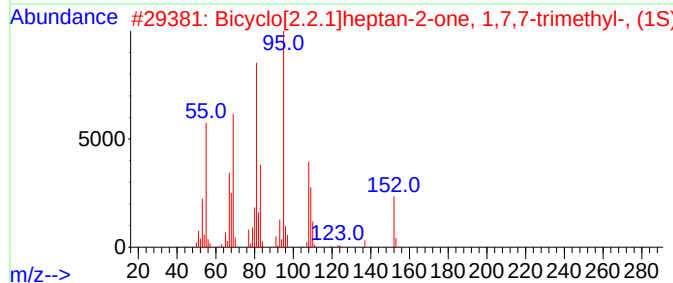
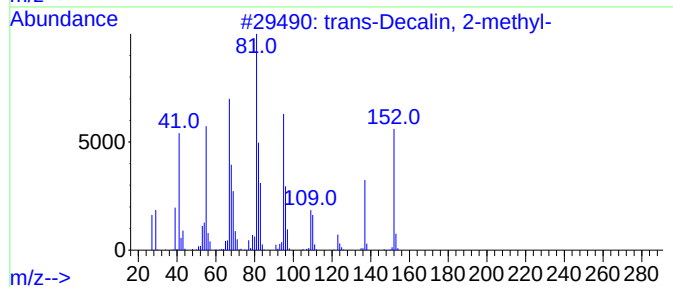
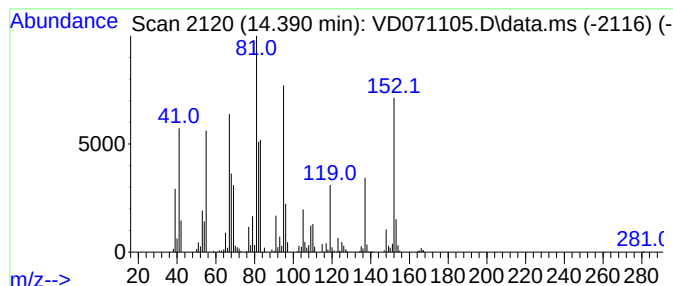
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	22.05 ug/l	657197	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
5			Pulegone	152	C10H16O	000089-82-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
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Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

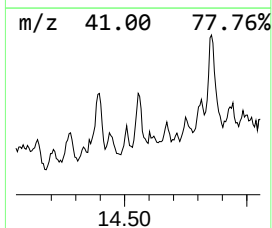
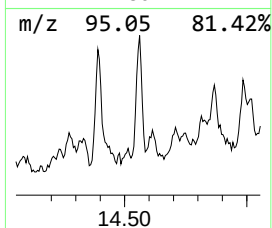
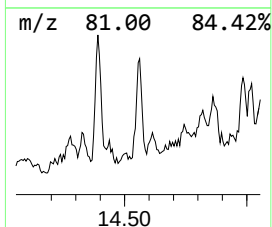
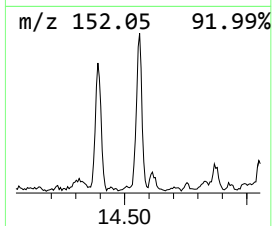
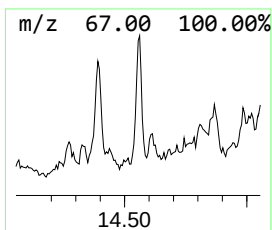
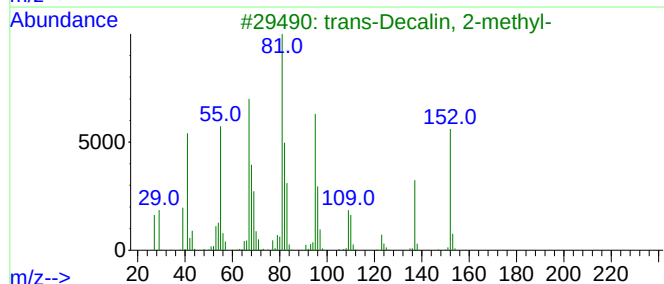
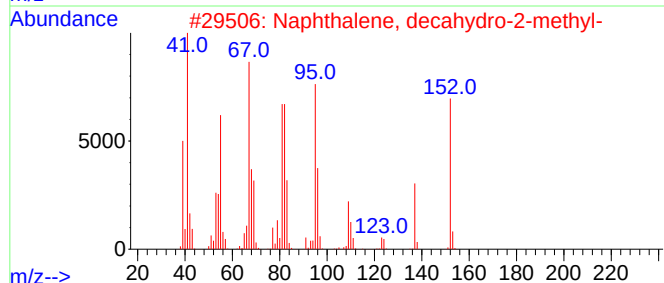
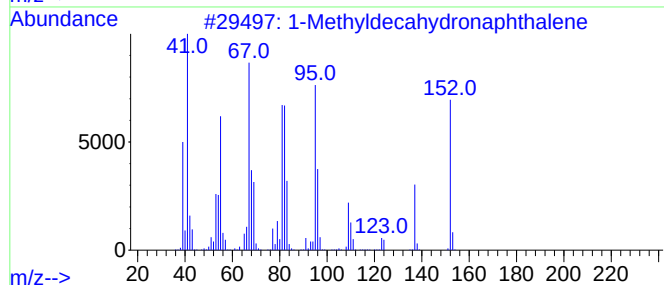
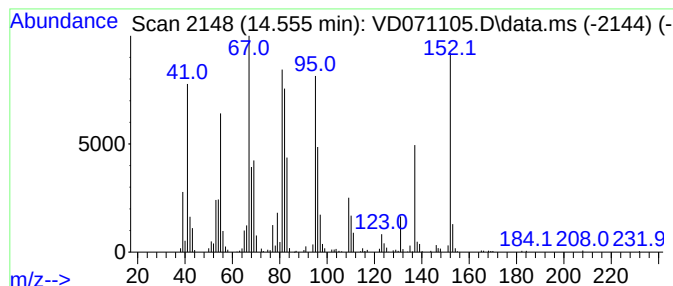
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Methyldecahydronaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	26.83 ug/l	799805	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	78



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Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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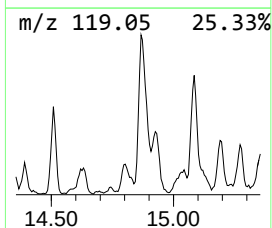
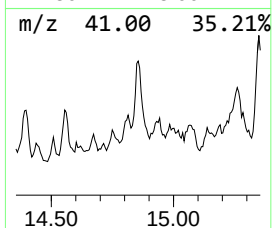
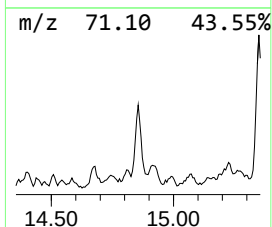
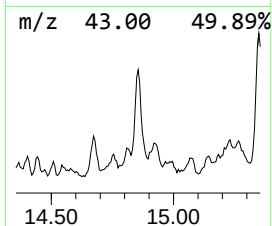
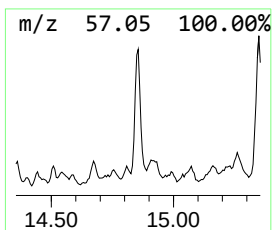
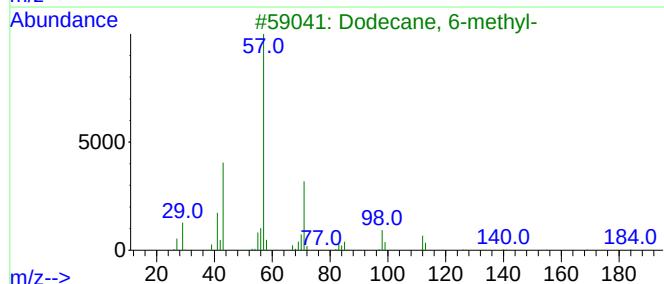
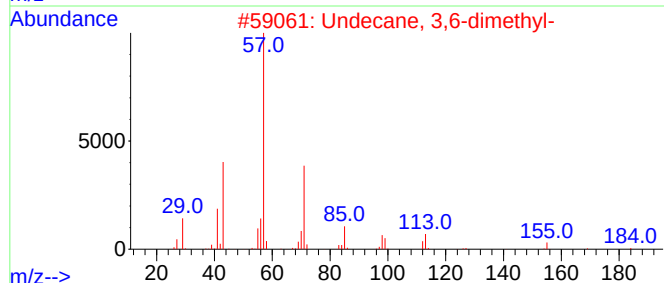
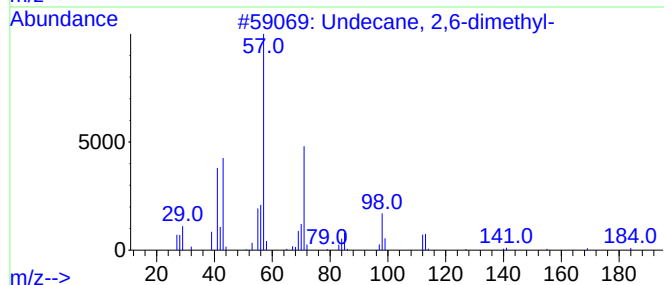
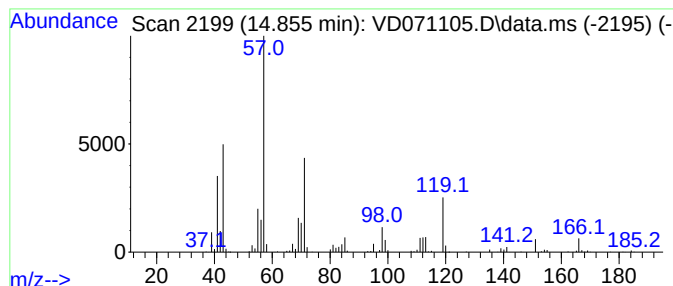
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	44.10 ug/l	1314730	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	92
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4			5-Ethyldecane	170	C12H26	017302-36-2	53
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	43



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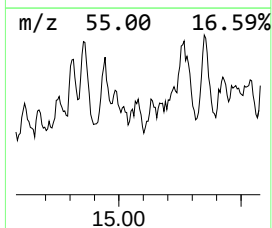
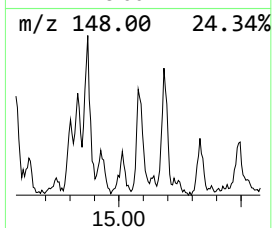
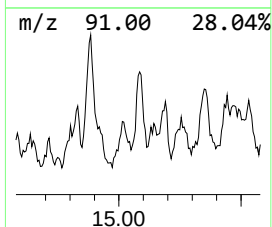
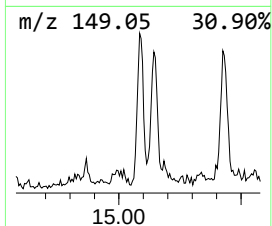
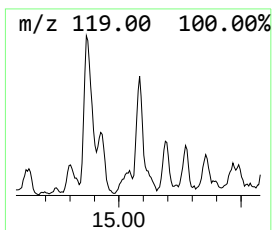
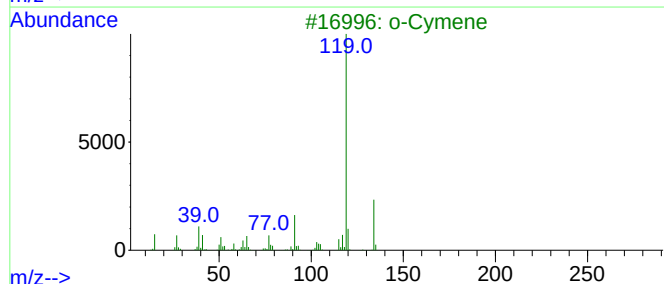
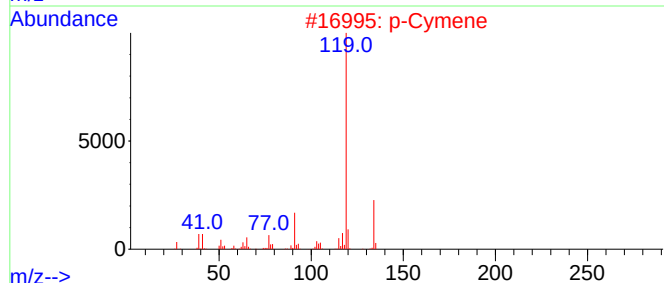
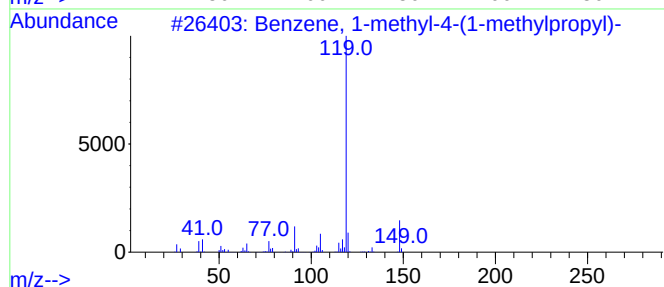
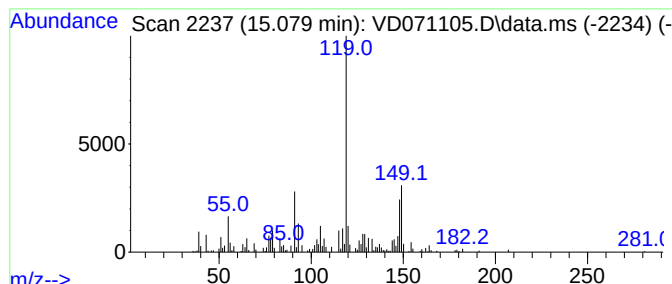
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.079	16.37 ug/l	487936	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2			p-Cymene	134	C10H14	000099-87-6	60
3			o-Cymene	134	C10H14	000527-84-4	60
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071105.D
Acq On : 01 Dec 2021 14:25
Operator : VA/SY
Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

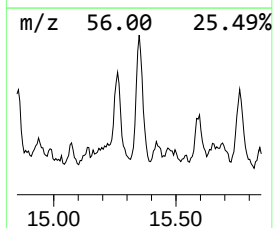
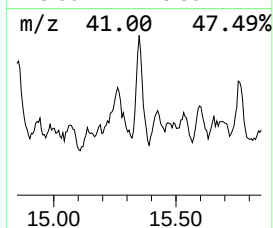
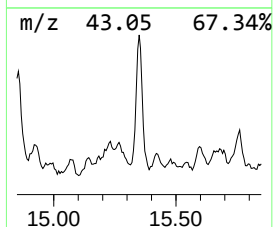
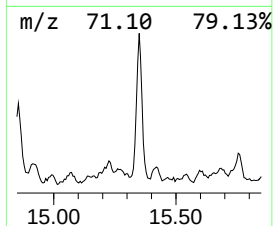
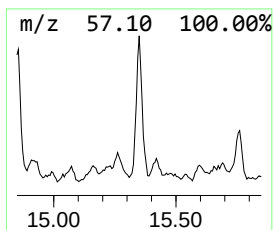
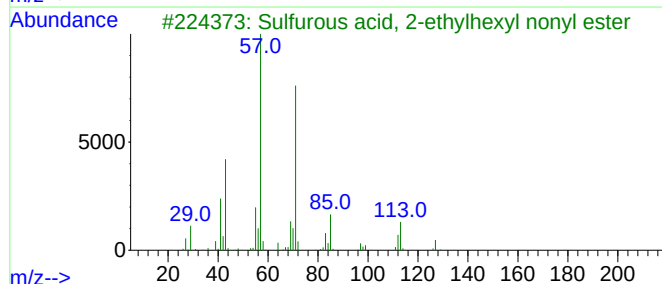
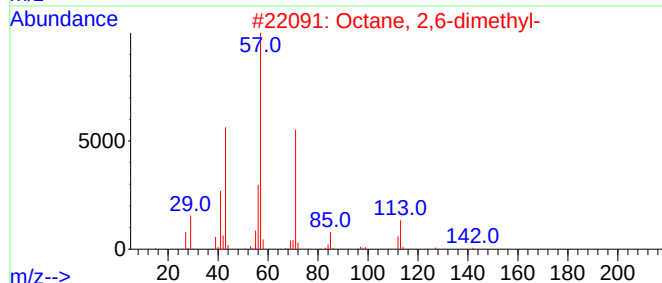
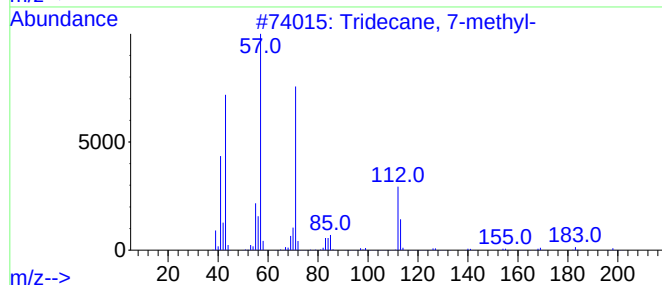
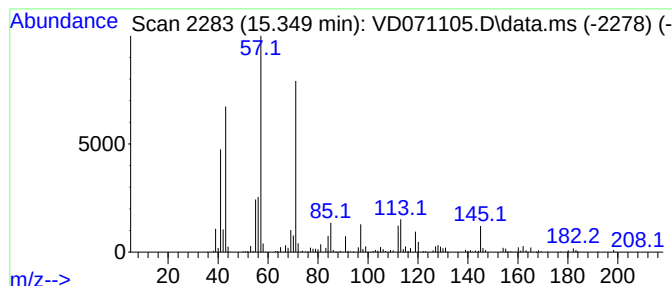
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	48.08 ug/l	1433220	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071105.D
Acq On : 01 Dec 2021 14:25
Operator : VA/SY
Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

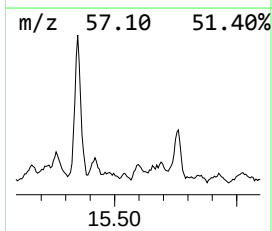
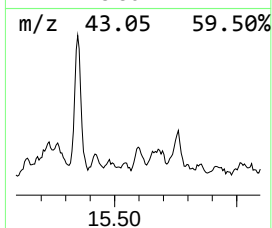
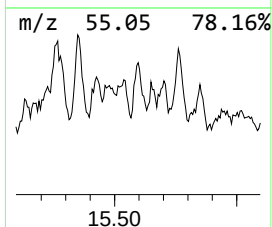
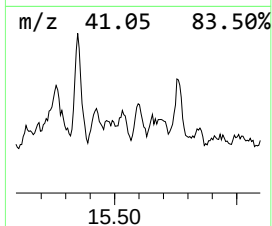
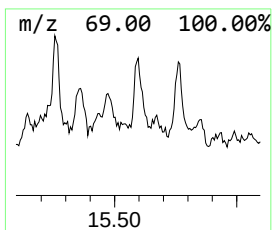
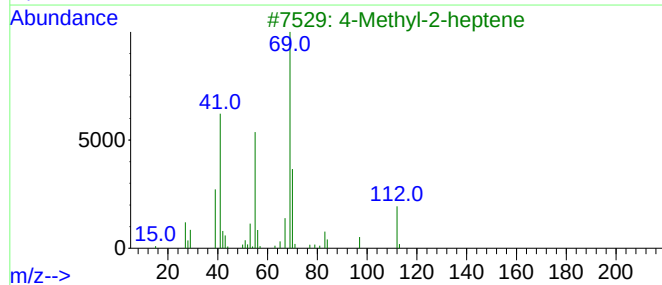
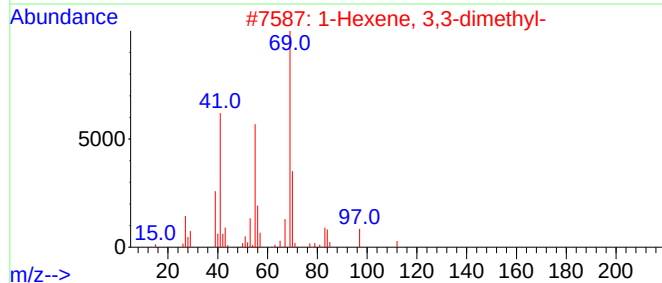
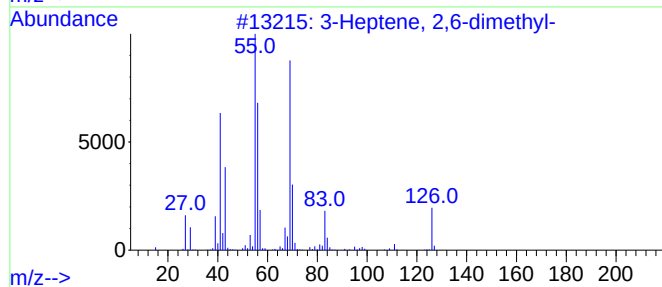
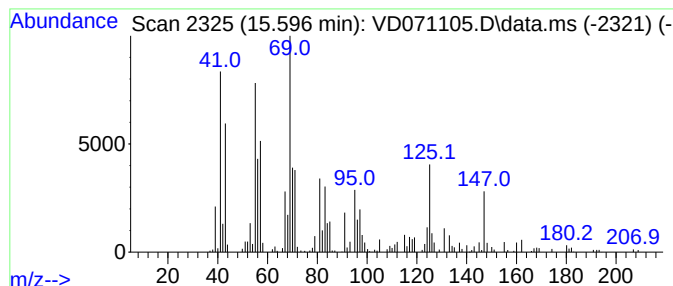
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.596 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.596	16.07 ug/l	479208	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
3			4-Methyl-2-heptene	112	C8H16	003404-56-6	38
4			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
5			2-Methyl-2-octene	126	C9H18	016993-86-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071105.D
Acq On : 01 Dec 2021 14:25
Operator : VA/SY
Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

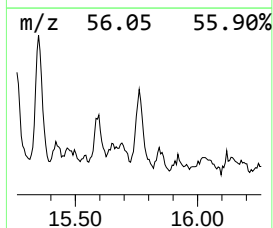
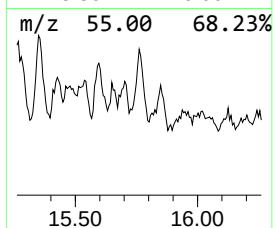
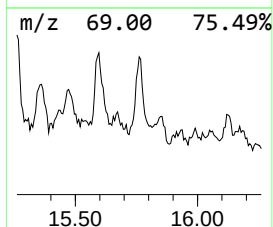
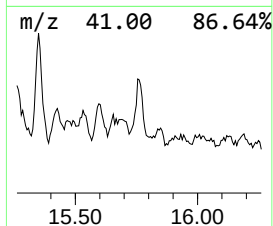
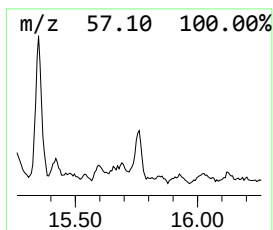
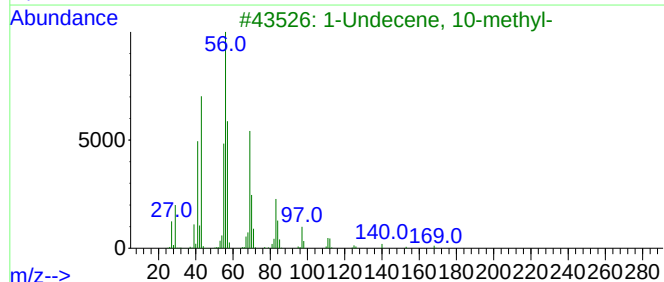
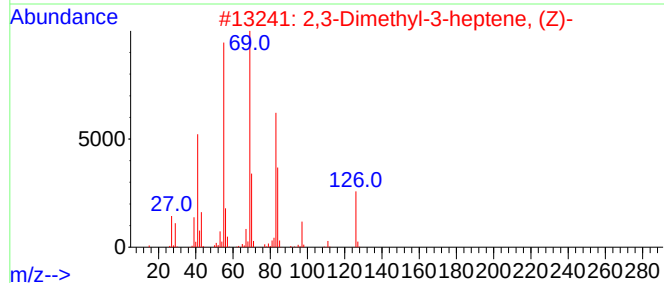
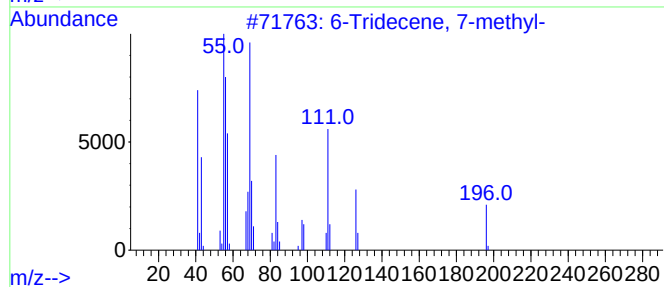
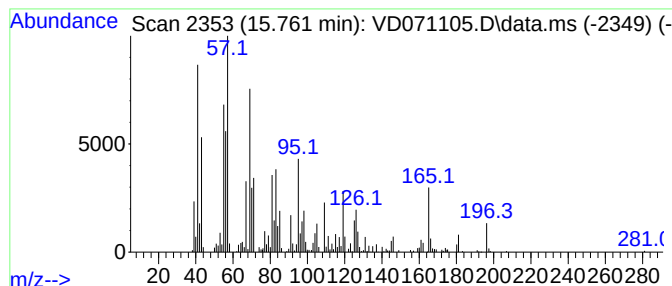
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 9 6-Tridecene, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	23.12 ug/l	689355	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	70
2			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	43
3			1-Undecene, 10-methyl-	168	C12H24	022370-55-4	42
4			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	38
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071105.D
Acq On : 01 Dec 2021 14:25
Operator : VA/SY
Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

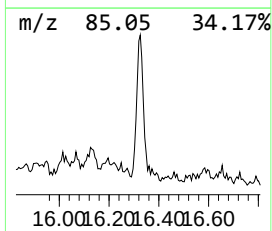
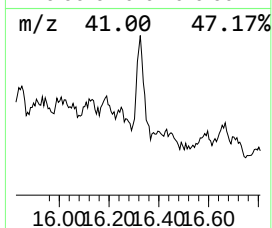
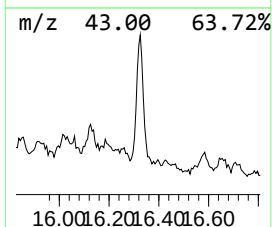
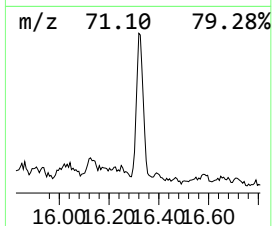
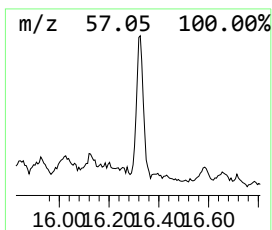
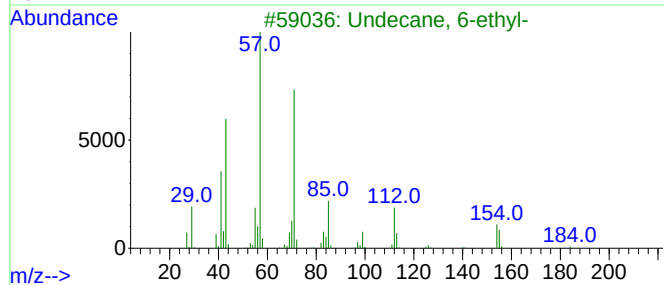
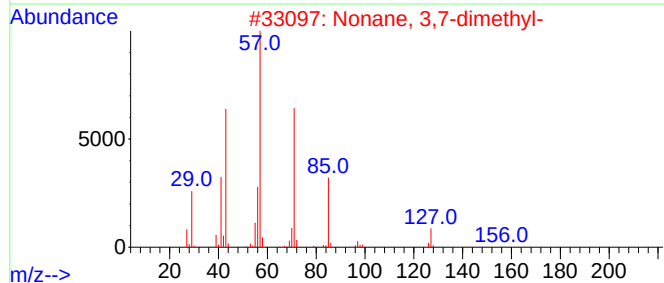
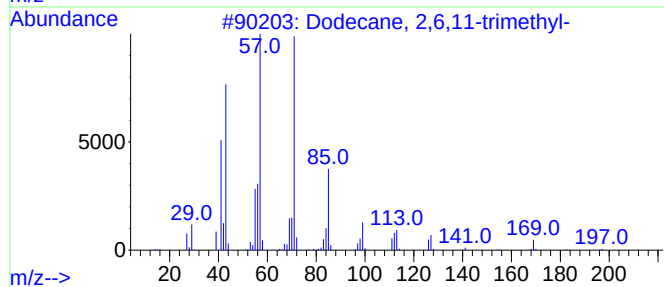
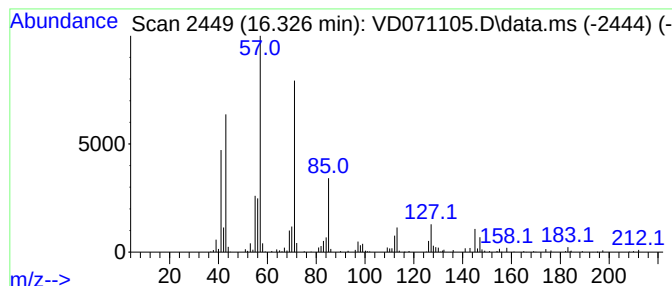
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	25.29 ug/l	753804	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071105.D
Acq On : 01 Dec 2021 14:25
Operator : VA/SY
Sample : M4721-03
Misc : 0.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.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...	13.885	25.8	ug/l	767719	4	13.567	1490550	50.0
trans-Decalin, ...	14.390	22.1	ug/l	657197	4	13.567	1490550	50.0
1-Methyldecahyd...	14.555	26.8	ug/l	799805	4	13.567	1490550	50.0
Undecane, 2,6-d...	14.855	44.1	ug/l	1314730	4	13.567	1490550	50.0
Benzene, 1-meth...	15.079	16.4	ug/l	487936	4	13.567	1490550	50.0
Tridecane, 7-me...	15.349	48.1	ug/l	1433220	4	13.567	1490550	50.0
unknown15.596	15.596	16.1	ug/l	479208	4	13.567	1490550	50.0
6-Tridecene, 7-...	15.761	23.1	ug/l	689355	4	13.567	1490550	50.0
Dodecane, 2,6,1...	16.326	25.3	ug/l	753804	4	13.567	1490550	50.0