

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073049.D
 Acq On : 16 May 2022 22:00
 Operator : VA/SY
 Sample : N2809-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

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\82D050222S.M
 Title : SW846 8260

Signal : TIC: VD073049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.173	885	893	903	rBV2	21983	60693	4.98%	0.418%
2	7.909	1010	1018	1023	rBV2	16496	41287	3.39%	0.284%
3	7.967	1023	1028	1038	rVB3	29931	74292	6.09%	0.512%
4	8.179	1059	1064	1070	rBV6	10490	23689	1.94%	0.163%
5	8.320	1080	1088	1098	rVB2	19032	44023	3.61%	0.303%
6	8.450	1102	1110	1117	rBV4	10014	24425	2.00%	0.168%
7	8.532	1117	1124	1129	rVV6	7121	18086	1.48%	0.125%
8	8.597	1129	1135	1143	rVB6	11590	24926	2.04%	0.172%
9	8.856	1171	1179	1187	rBV2	37218	71156	5.83%	0.490%
10	9.350	1249	1263	1269	rBV3	49980	127930	10.49%	0.881%
11	9.620	1300	1309	1315	rVB8	11372	27555	2.26%	0.190%
12	9.761	1328	1333	1338	rVB6	12894	23664	1.94%	0.163%
13	10.097	1381	1390	1396	rBV8	14505	43553	3.57%	0.300%
14	10.332	1422	1430	1435	rBV	99989	205817	16.87%	1.418%
15	10.509	1453	1460	1471	rVB	23254	61990	5.08%	0.427%
16	10.667	1483	1487	1496	rVB4	33255	67224	5.51%	0.463%
17	10.767	1498	1504	1509	rVV9	20702	38749	3.18%	0.267%
18	10.944	1529	1534	1539	rBV3	24915	42994	3.52%	0.296%
19	11.044	1543	1551	1558	rBV3	19820	48191	3.95%	0.332%
20	11.114	1560	1563	1566	rBV5	10103	14930	1.22%	0.103%
21	11.185	1570	1575	1579	rVV	39136	59583	4.89%	0.410%
22	11.232	1579	1583	1589	rVB2	55131	97263	7.97%	0.670%
23	11.338	1597	1601	1606	rVB5	21541	35133	2.88%	0.242%
24	11.438	1615	1618	1625	rVB5	38036	69224	5.68%	0.477%
25	11.514	1627	1631	1635	rBV5	26675	46552	3.82%	0.321%
26	11.632	1646	1651	1656	rBV	65488	122972	10.08%	0.847%
27	11.732	1665	1668	1671	rVB4	14878	16021	1.31%	0.110%
28	11.767	1671	1674	1678	rVB6	17673	21939	1.80%	0.151%
29	11.814	1678	1682	1683	rBV4	16822	17476	1.43%	0.120%
30	11.879	1689	1693	1697	rVB3	30705	41984	3.44%	0.289%
31	12.061	1717	1724	1725	rBV5	23101	42079	3.45%	0.290%
32	12.161	1731	1741	1749	rBV7	87064	313739	25.72%	2.161%
33	12.255	1753	1757	1762	rVB2	94536	146456	12.01%	1.009%
34	12.344	1762	1772	1773	rBV5	82280	167444	13.73%	1.153%
35	12.373	1775	1777	1788	rVB4	81534	154063	12.63%	1.061%
36	12.514	1797	1801	1804	rBV4	25799	39061	3.20%	0.269%

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Integrator: RTE

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37	12.620	1814	1819	1823	rBV2	74019	127580	10.46%	0.879%
38	12.785	1843	1847	1853	rVB3	111424	200986	16.48%	1.385%
39	12.867	1855	1861	1865	rBV6	67995	161634	13.25%	1.113%
40	12.944	1867	1874	1879	rVB3	228319	501520	41.12%	3.455%
41	13.085	1894	1898	1901	rBV5	71358	122452	10.04%	0.844%
42	13.167	1909	1912	1918	rVB	264428	381220	31.26%	2.626%
43	13.232	1920	1923	1925	rBV3	28777	36635	3.00%	0.252%
44	13.297	1931	1934	1938	rBV3	65363	90395	7.41%	0.623%
45	13.350	1939	1943	1947	rBV3	80454	142102	11.65%	0.979%
46	13.455	1953	1961	1964	rBV6	195508	401920	32.95%	2.769%
47	13.491	1964	1967	1971	rVB3	134778	186418	15.28%	1.284%
48	13.561	1976	1979	1981	rVV3	91388	114527	9.39%	0.789%
49	13.591	1981	1984	1988	rVB	140119	192230	15.76%	1.324%
50	13.626	1988	1990	1997	rVB5	63994	99412	8.15%	0.685%
51	13.702	1999	2003	2008	rBV6	77571	141912	11.64%	0.978%
52	13.750	2008	2011	2015	rVB5	51237	69142	5.67%	0.476%
53	13.802	2015	2020	2027	rBV3	52280	96131	7.88%	0.662%
54	13.879	2028	2033	2038	rBV2	511317	872477	71.53%	6.010%
55	13.926	2038	2041	2046	rVV4	60860	82289	6.75%	0.567%
56	14.038	2056	2060	2067	rVB6	108179	192061	15.75%	1.323%
57	14.097	2067	2070	2074	rVB3	141300	178589	14.64%	1.230%
58	14.138	2074	2077	2083	rVB2	193473	321526	26.36%	2.215%
59	14.208	2083	2089	2094	rBV4	170731	319618	26.20%	2.202%
60	14.267	2095	2099	2105	rVB5	137641	254612	20.88%	1.754%
61	14.332	2106	2110	2111	rBV4	83803	118104	9.68%	0.814%
62	14.391	2111	2120	2125	rBV6	376963	859593	70.48%	5.921%
63	14.508	2136	2140	2143	rBV5	124344	161341	13.23%	1.111%
64	14.549	2143	2147	2153	rVV5	234003	392990	32.22%	2.707%
65	14.738	2174	2179	2184	rVB2	363197	544410	44.64%	3.750%
66	14.802	2186	2190	2194	rVV3	307935	587583	48.17%	4.048%
67	14.849	2194	2198	2206	rVB2	688549	1219689	100.00%	8.402%
68	15.073	2233	2236	2241	rVB6	118619	164428	13.48%	1.133%
69	15.267	2265	2269	2277	rVB5	247982	620493	50.87%	4.274%
70	15.349	2277	2283	2289	rBV	466402	830508	68.09%	5.721%
71	15.579	2318	2322	2331	rVB7	162392	355074	29.11%	2.446%
72	15.661	2332	2336	2338	rBV5	56867	100119	8.21%	0.690%
73	15.761	2348	2353	2359	rVB4	173550	340170	27.89%	2.343%
74	16.320	2444	2448	2457	rVB2	96985	194831	15.97%	1.342%
75	16.673	2502	2508	2519	rVB6	76128	263710	21.62%	1.817%

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Integrator: RTE

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Title : SW846 8260

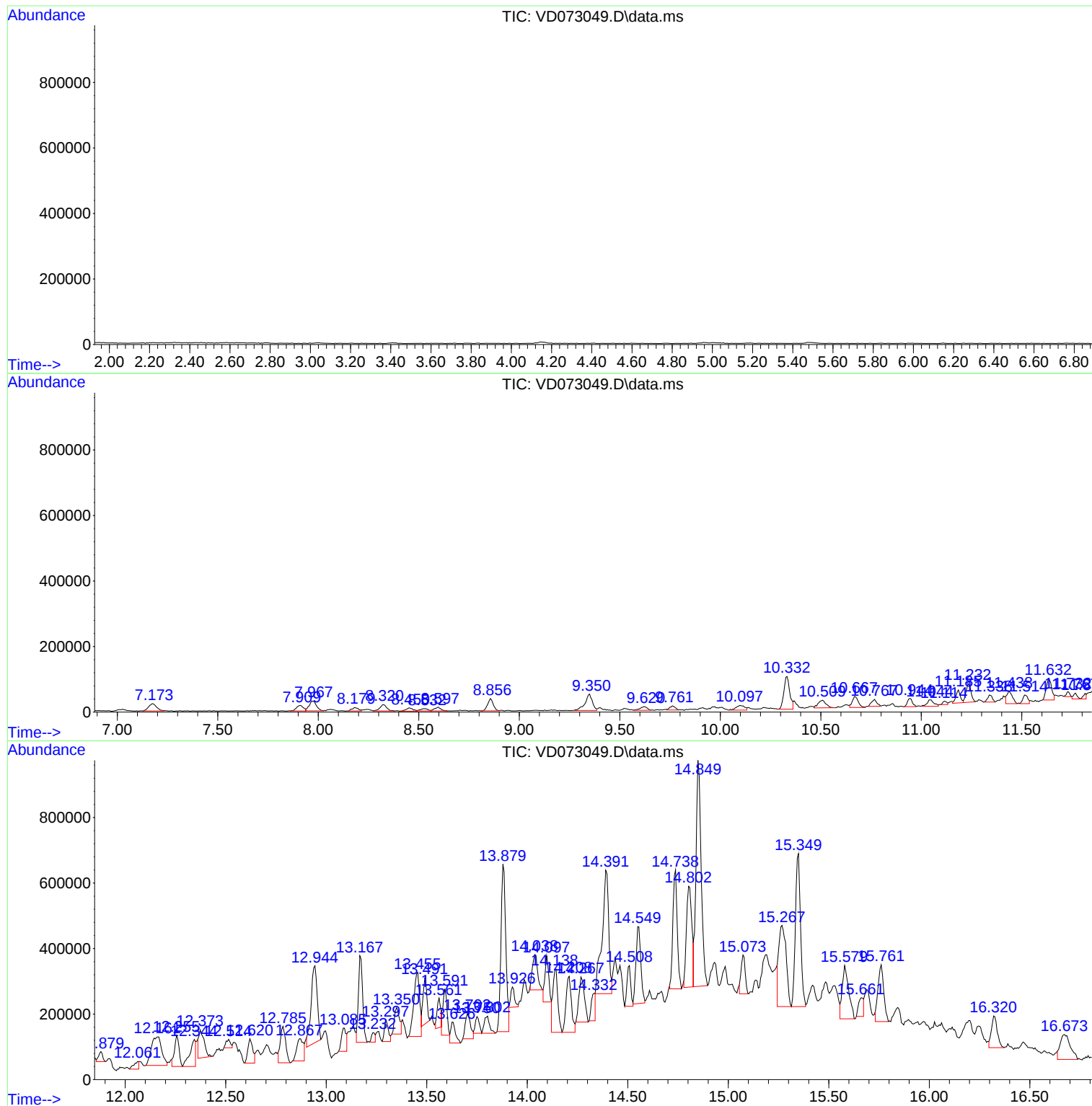
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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



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Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

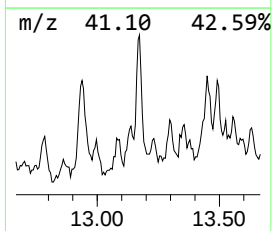
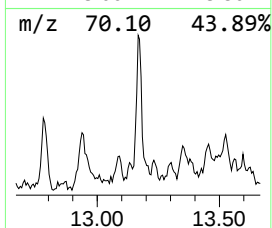
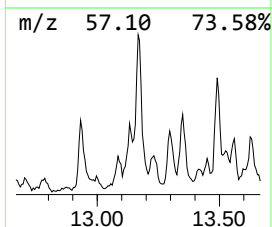
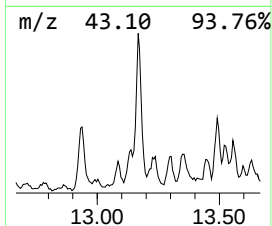
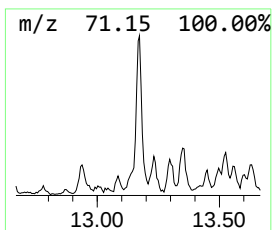
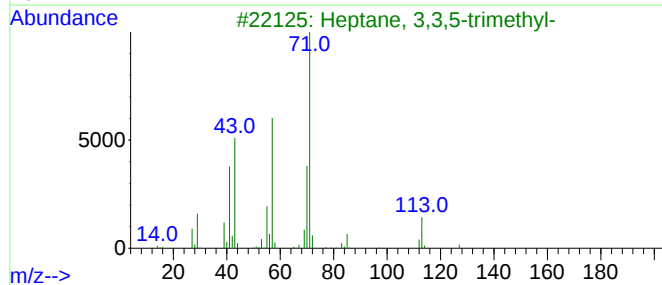
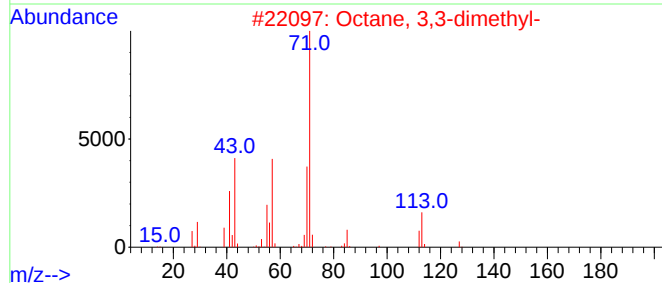
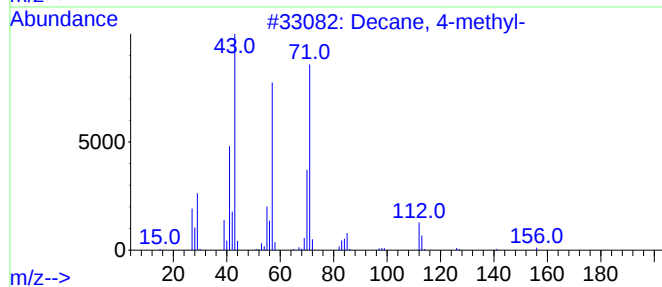
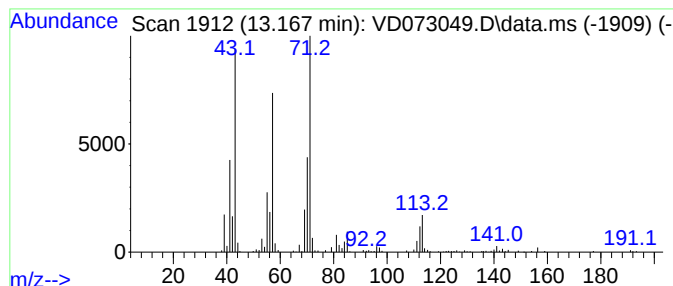
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.167	166.43 ug/l	381220	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59



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Instrument :
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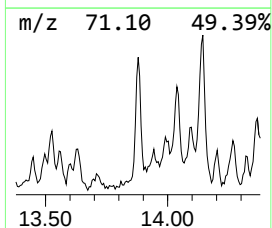
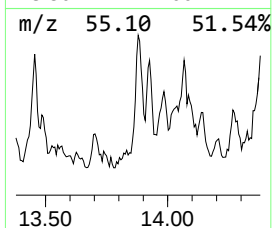
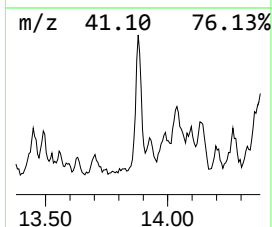
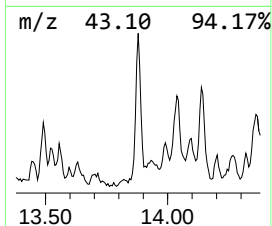
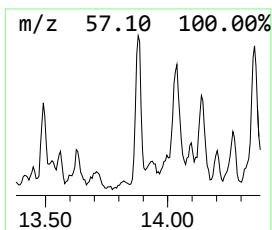
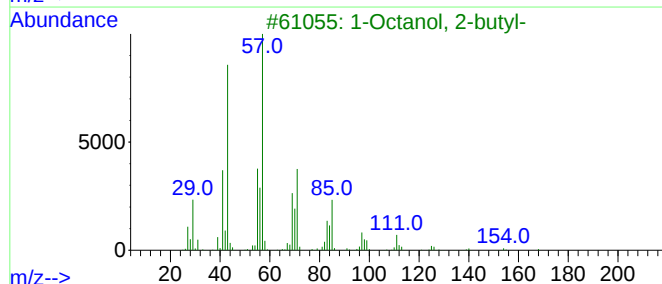
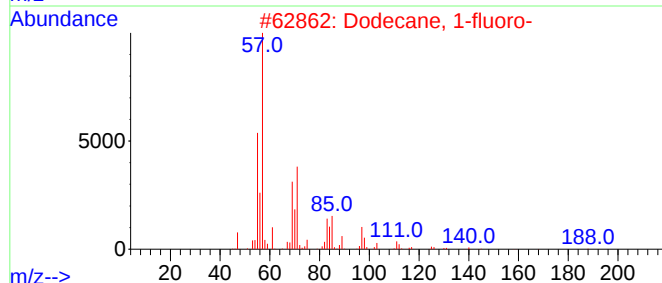
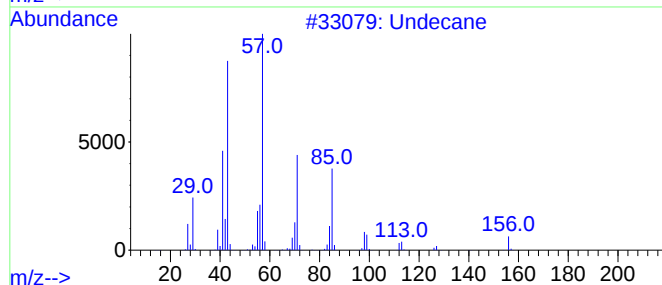
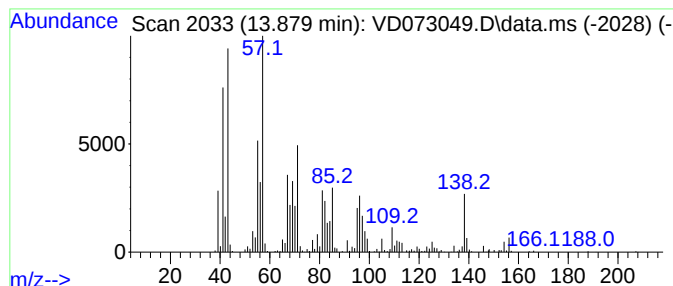
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	380.90 ug/l	872477	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	50
2	Dodecane, 1-fluoro-			188	C12H25F	000334-68-9	46
3	1-Octanol, 2-butyl-			186	C12H26O	003913-02-8	46
4	Cyclononane, 2-hydroxy-			156	C9H16O2	000496-83-3	38
5	Isopulegol			154	C10H18O	000089-79-2	38



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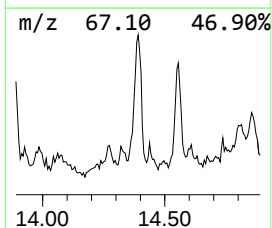
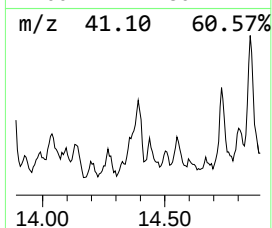
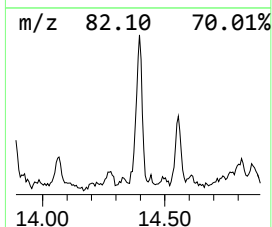
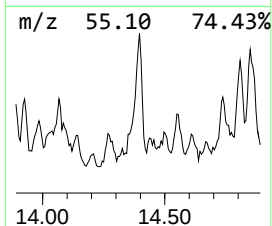
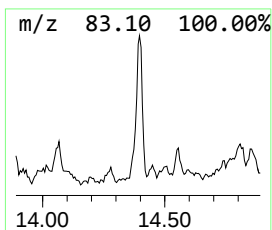
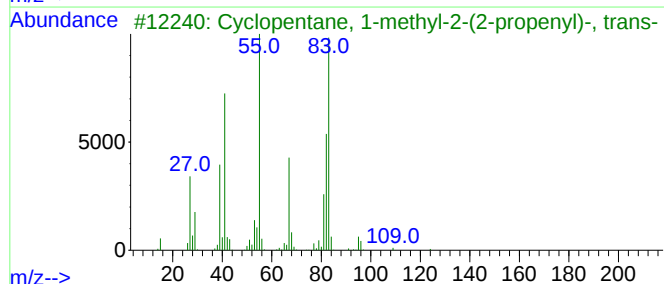
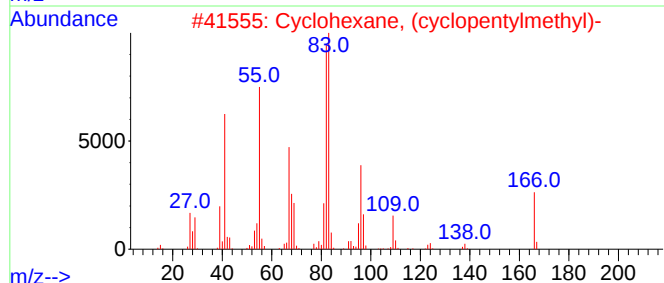
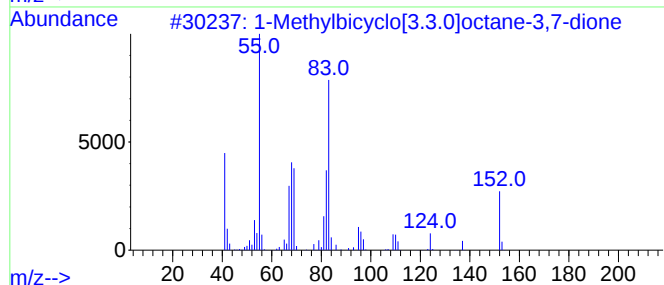
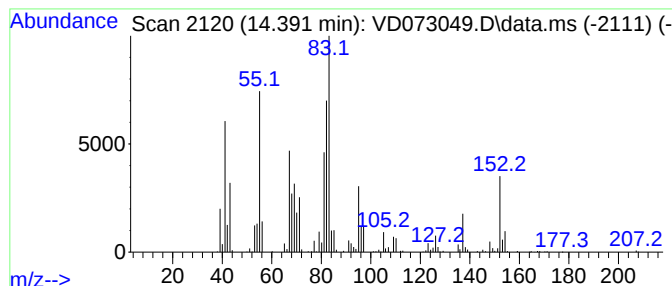
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Quant Title : SW846 8260

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

Peak Number 3 1-Methylbicyclo[3.3.0]octan... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.391	375.28 ug/l	859593	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	80
2			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	53
3			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	52
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



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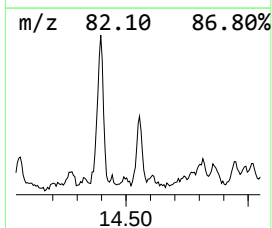
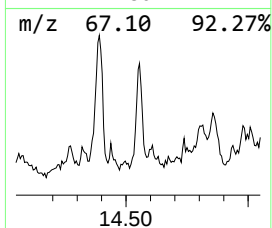
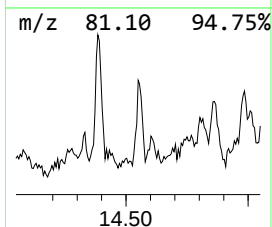
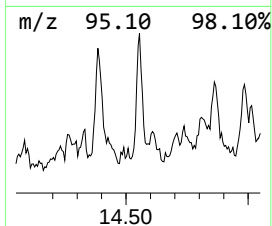
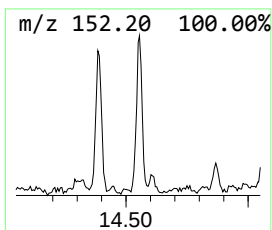
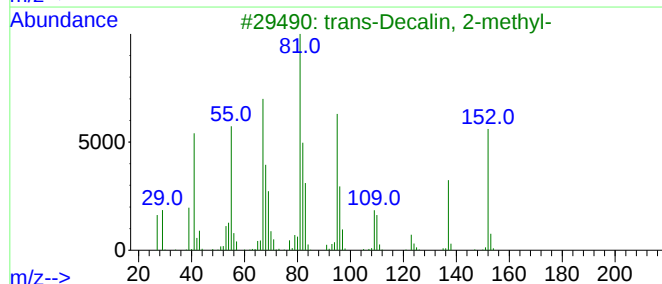
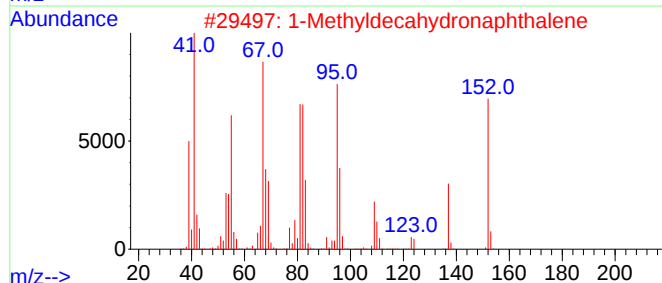
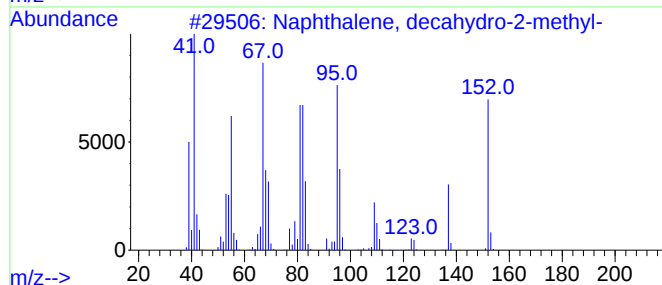
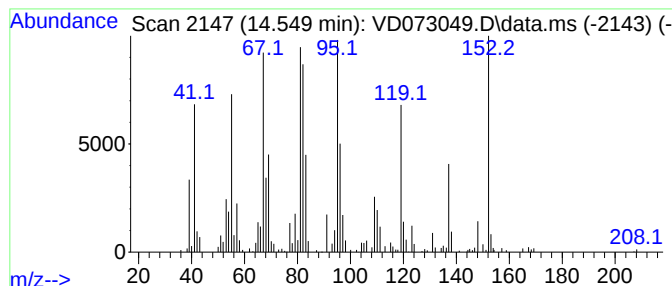
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.550	171.57 ug/l	392990	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
5			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

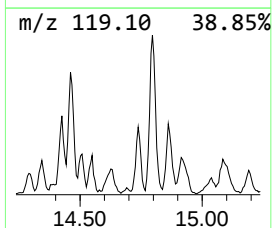
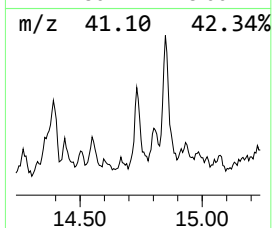
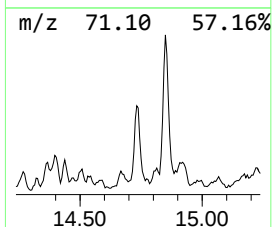
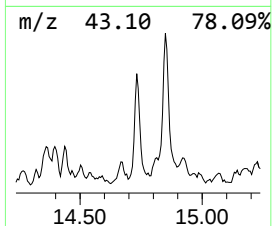
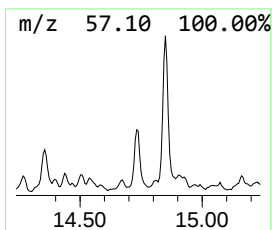
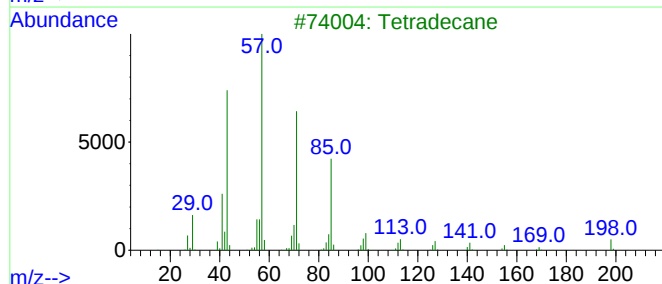
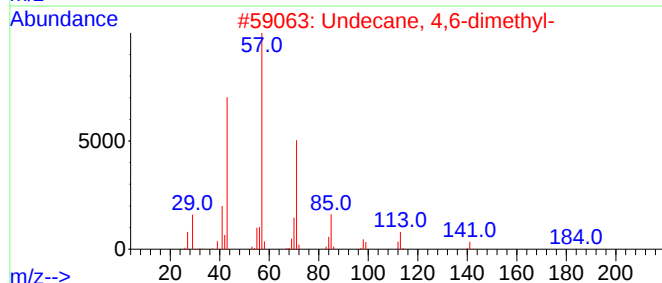
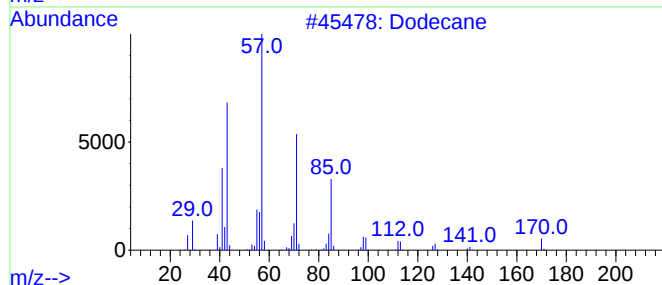
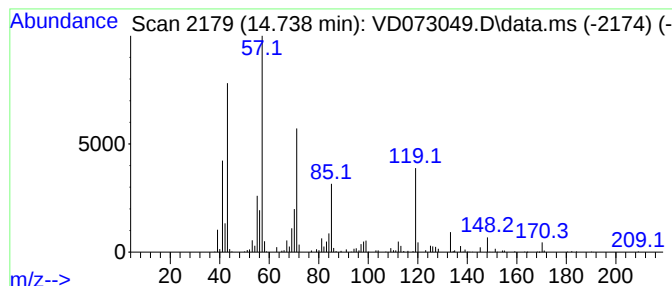
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	237.68 ug/l	544410	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	78
2			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49
3			Tetradecane	198	C14H30	000629-59-4	47
4			Hexadecane	226	C16H34	000544-76-3	46
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

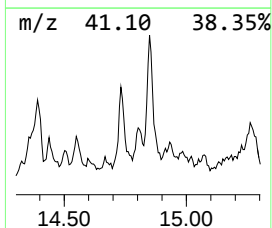
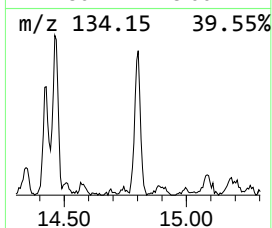
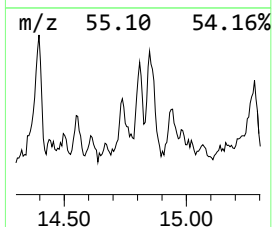
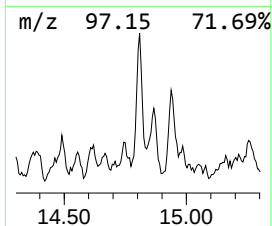
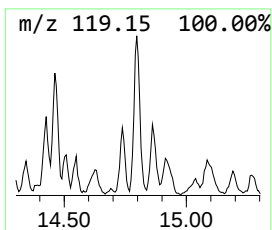
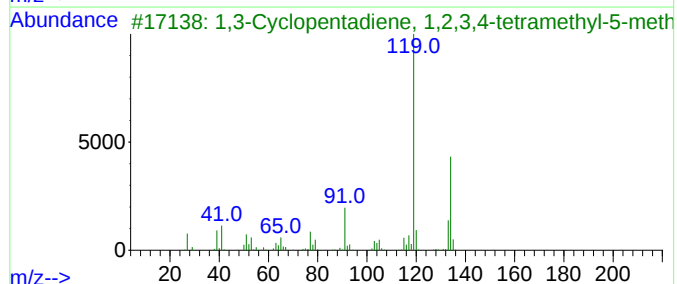
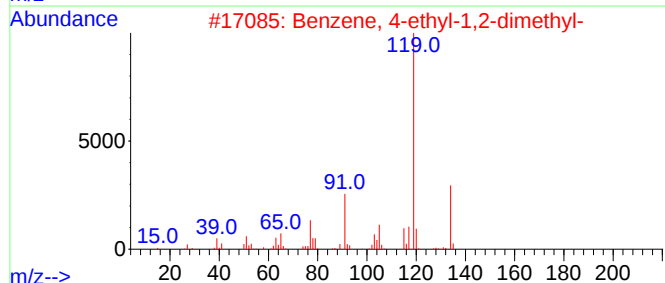
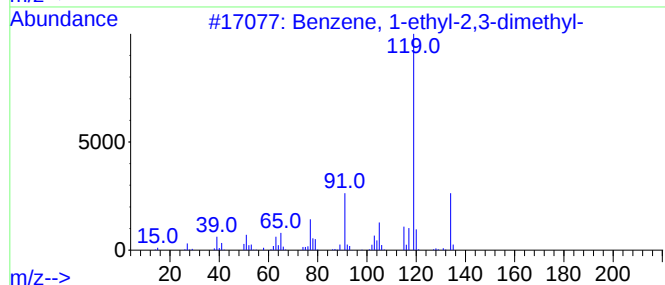
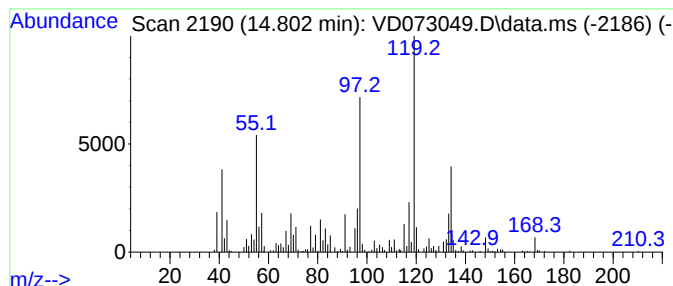
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.802	256.53 ug/l	587583	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53
4			p-Cymene	134	C10H14	000099-87-6	49
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

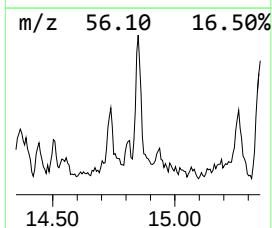
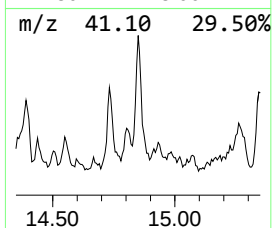
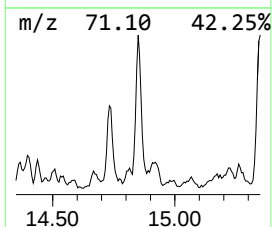
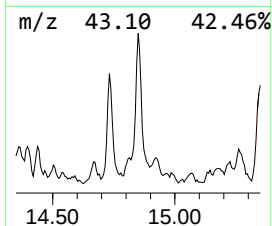
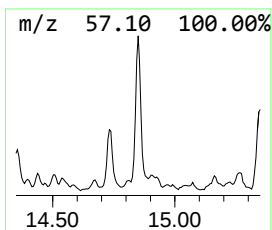
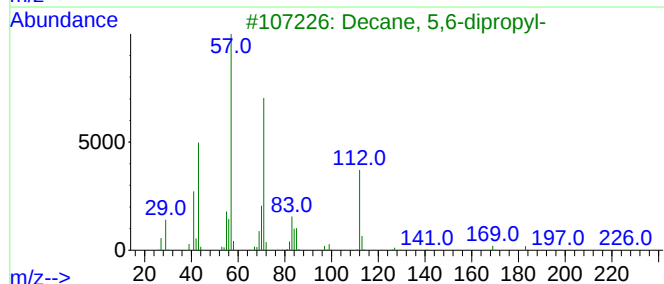
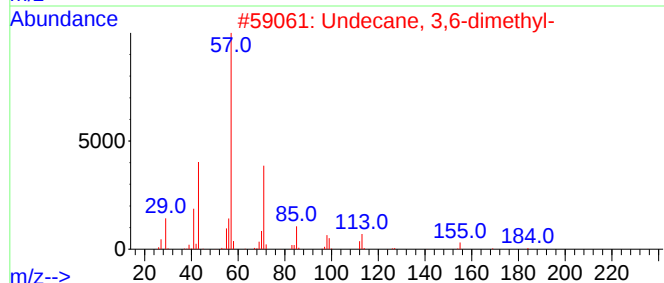
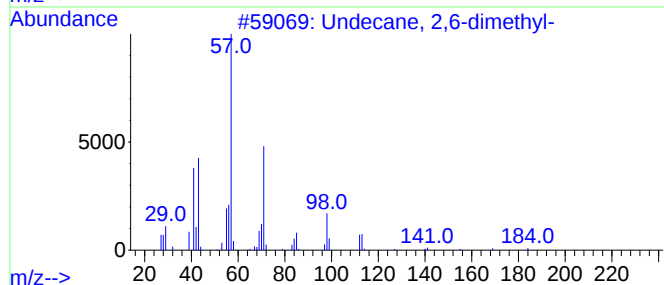
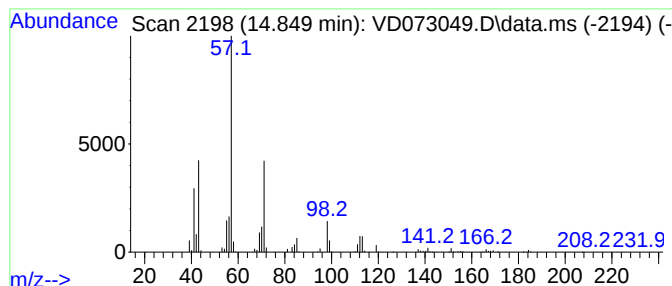
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.850	532.49 ug/l	1219690	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

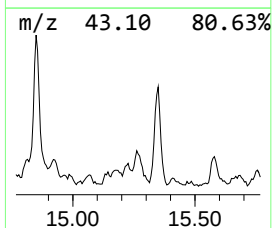
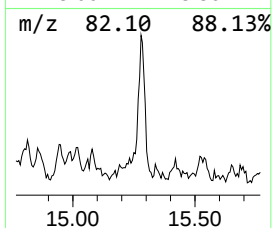
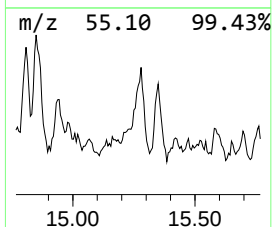
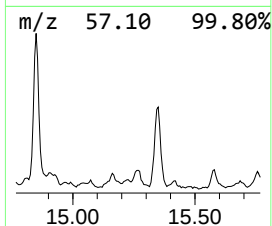
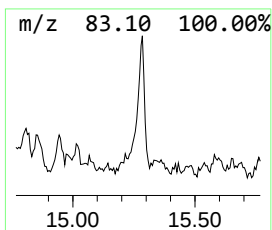
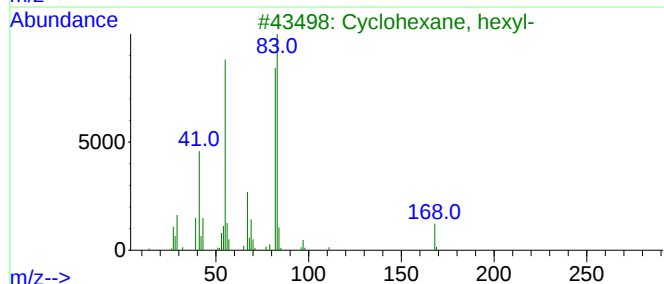
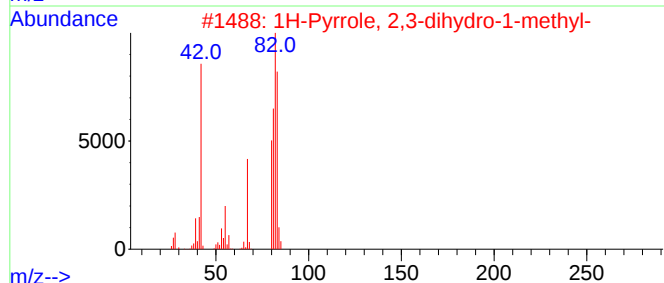
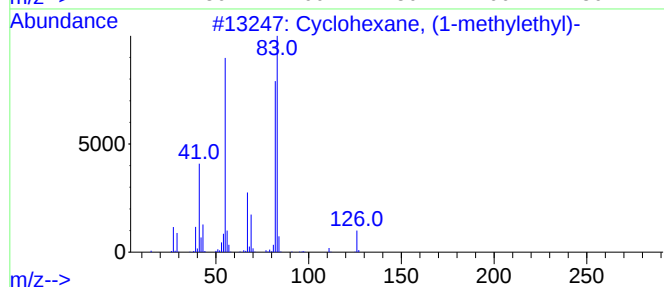
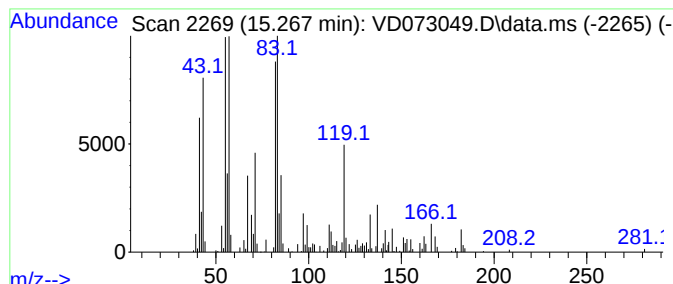
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.267 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.267	270.89 ug/l	620493	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	43
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
4			n-Tridecylcyclohexane	266	C19H38	006006-33-3	38
5			Heptylcyclohexane	182	C13H26	005617-41-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

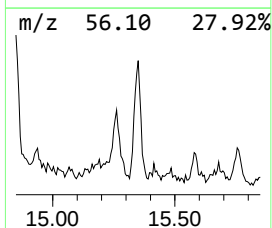
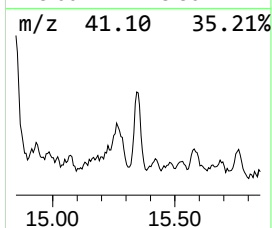
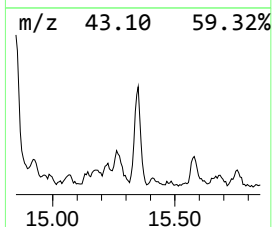
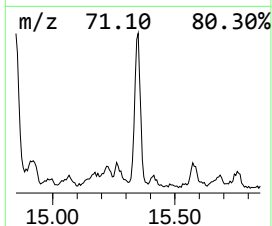
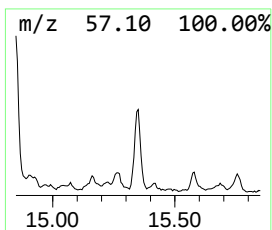
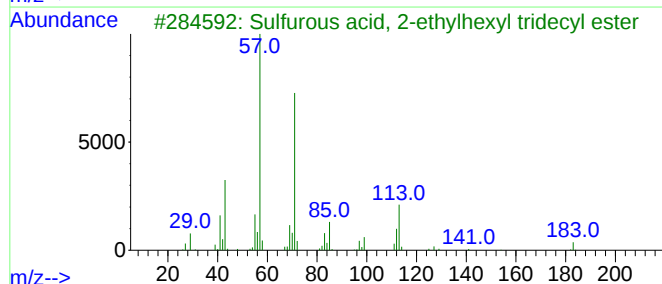
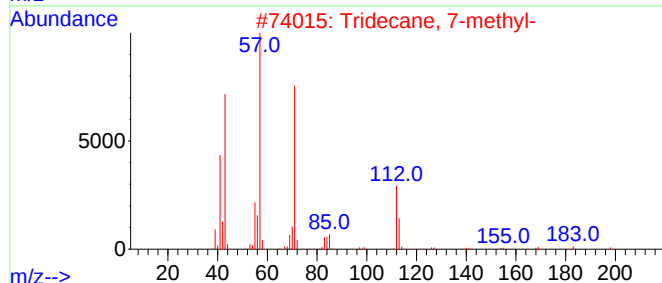
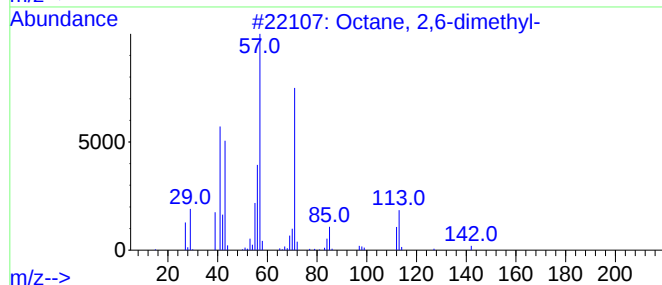
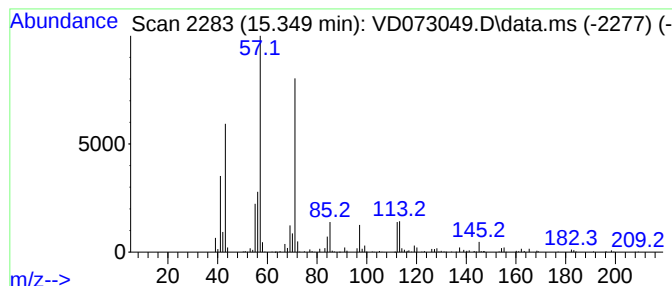
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.350	362.58 ug/l	830508	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-TP-5R

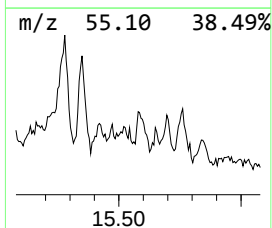
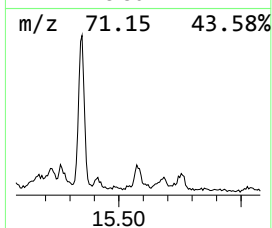
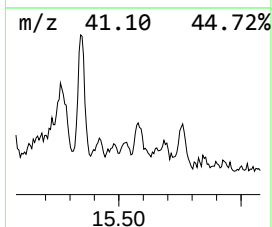
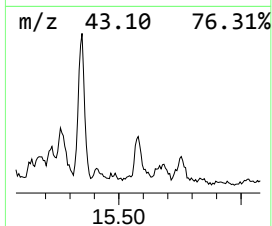
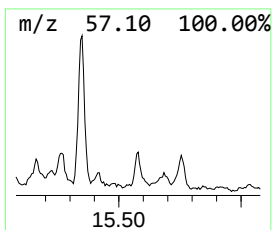
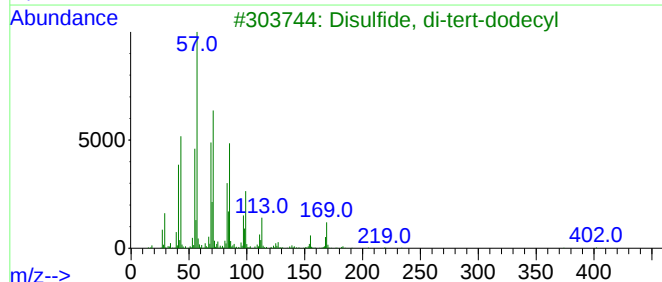
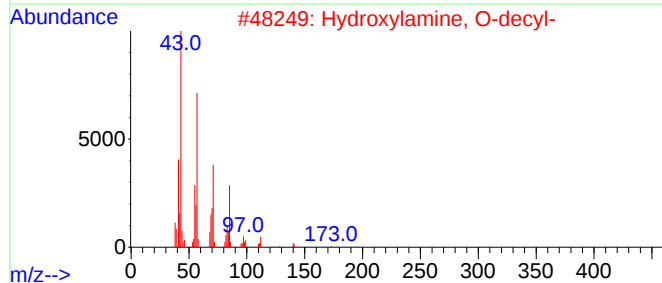
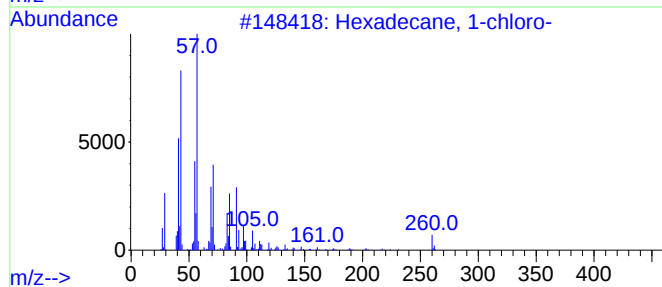
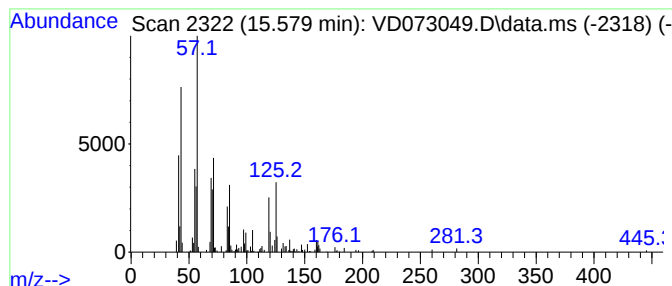
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Quant Title : SW846 8260

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

Peak Number 10 Hexadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	155.02 ug/l	355074	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64
2			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
3			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	47
4			Tridecane	184	C13H28	000629-50-5	46
5			1-Tetradecene	196	C14H28	001120-36-1	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073049.D
Acq On : 16 May 2022 22:00
Operator : VA/SY
Sample : N2809-04
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.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
Decane, 4-methyl-	13.167	166.4	ug/l	381220	4	13.561	114527	50.0
Undecane	13.879	380.9	ug/l	872477	4	13.561	114527	50.0
1-Methylbicyclo...	14.391	375.3	ug/l	859593	4	13.561	114527	50.0
Naphthalene, de...	14.550	171.6	ug/l	392990	4	13.561	114527	50.0
Dodecane	14.738	237.7	ug/l	544410	4	13.561	114527	50.0
Benzene, 1-ethy...	14.802	256.5	ug/l	587583	4	13.561	114527	50.0
Undecane, 2,6-d...	14.850	532.5	ug/l	1219690	4	13.561	114527	50.0
unknown15.267	15.267	270.9	ug/l	620493	4	13.561	114527	50.0
Octane, 2,6-dim...	15.350	362.6	ug/l	830508	4	13.561	114527	50.0
Hexadecane, 1-c...	15.579	155.0	ug/l	355074	4	13.561	114527	50.0