

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073711.D
 Acq On : 25 Jun 2022 16:00
 Operator : VA/SY
 Sample : N3454-11
 Misc : 3.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-GR

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\82D062322S.M
 Title : SW846 8260

Signal : TIC: VD073711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.908	1009	1018	1023	rBV2	226124	551467	6.61%	0.414%
2	7.973	1023	1029	1041	rVB	347428	761971	9.13%	0.573%
3	8.326	1077	1089	1099	rBV	216864	480799	5.76%	0.361%
4	8.855	1170	1179	1189	rBV	561154	1123777	13.46%	0.845%
5	10.332	1422	1430	1442	rBV	893017	1638992	19.64%	1.232%
6	10.496	1451	1458	1470	rVB2	66998	143068	1.71%	0.108%
7	10.632	1470	1481	1483	rBV	112487	217295	2.60%	0.163%
8	10.673	1483	1488	1498	rVB	266814	500542	6.00%	0.376%
9	10.767	1498	1504	1508	rBV3	47599	94837	1.14%	0.071%
10	10.814	1508	1512	1517	rVB3	61651	104119	1.25%	0.078%
11	10.908	1523	1528	1540	rVB3	61817	163797	1.96%	0.123%
12	11.120	1558	1564	1566	rBV	212213	345406	4.14%	0.260%
13	11.149	1566	1569	1576	rVB3	192917	322276	3.86%	0.242%
14	11.237	1576	1584	1589	rBV	1108344	2051213	24.57%	1.542%
15	11.290	1589	1593	1596	rVV2	203237	295518	3.54%	0.222%
16	11.331	1596	1600	1606	rVB	227094	389372	4.66%	0.293%
17	11.437	1612	1618	1628	rVB	810651	1581139	18.94%	1.188%
18	11.531	1628	1634	1642	rVB5	37755	96368	1.15%	0.072%
19	11.631	1642	1651	1657	rBV	921708	1919933	23.00%	1.443%
20	11.767	1668	1674	1679	rBV	836162	1417693	16.98%	1.066%
21	11.826	1679	1684	1688	rVV	585997	1028709	12.32%	0.773%
22	11.902	1691	1697	1704	rVB3	859464	1858488	22.27%	1.397%
23	11.979	1704	1710	1716	rBV2	539955	1298407	15.56%	0.976%
24	12.043	1716	1721	1729	rVB	604275	1251288	14.99%	0.940%
25	12.143	1729	1738	1744	rBV3	2161832	5155060	61.76%	3.875%
26	12.202	1744	1748	1750	rBV	398195	639469	7.66%	0.481%
27	12.231	1750	1753	1761	rVB4	861633	1602051	19.19%	1.204%
28	12.367	1763	1776	1781	rBV	2892136	7648294	91.63%	5.749%
29	12.449	1781	1790	1800	rBV5	1238826	3453357	41.37%	2.596%
30	12.531	1800	1804	1807	rBV2	222648	273120	3.27%	0.205%
31	12.567	1807	1810	1814	rVB	567380	743802	8.91%	0.559%
32	12.620	1814	1819	1824	rVB2	1546752	2630839	31.52%	1.977%
33	12.708	1824	1834	1838	rBV8	1448728	4269450	51.15%	3.209%
34	12.784	1842	1847	1854	rVB2	4599201	8346922	100.00%	6.274%
35	12.873	1854	1862	1869	rBV6	1484521	4455665	53.38%	3.349%
36	12.955	1869	1876	1885	rBV6	1870419	5998608	71.87%	4.509%

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37	13.084	1894	1898	1902	rVB2	1242432	1773116	21.24%	1.333%
38	13.126	1902	1905	1909	rBV4	526822	748878	8.97%	0.563%
39	13.196	1909	1917	1925	rVB8	970360	3148095	37.72%	2.366%
40	13.267	1925	1929	1931	rBV2	989873	1450569	17.38%	1.090%
41	13.296	1931	1934	1938	rVV3	669585	940679	11.27%	0.707%
42	13.384	1946	1949	1952	rBV4	471936	651379	7.80%	0.490%
43	13.437	1953	1958	1964	rVB4	1130402	2599976	31.15%	1.954%
44	13.484	1964	1966	1972	rBV6	384644	550258	6.59%	0.414%
45	13.631	1987	1991	1996	rBV4	480929	1083324	12.98%	0.814%
46	13.702	1997	2003	2007	rVB4	1598816	2912417	34.89%	2.189%
47	13.825	2020	2024	2026	rBV4	511220	824495	9.88%	0.620%
48	13.878	2028	2033	2039	rVB2	3513370	6256024	74.95%	4.702%
49	13.990	2048	2052	2054	rBV4	910072	1535255	18.39%	1.154%
50	14.196	2084	2087	2091	rVB2	425693	553992	6.64%	0.416%
51	14.267	2095	2099	2105	rVB4	1256043	2213978	26.52%	1.664%
52	14.325	2105	2109	2113	rVB3	756479	1075879	12.89%	0.809%
53	14.384	2114	2119	2124	rBV3	2264647	4070668	48.77%	3.060%
54	14.555	2142	2148	2152	rBV4	2472698	4180601	50.09%	3.142%
55	14.672	2164	2168	2171	rBV	718351	1092810	13.09%	0.821%
56	14.749	2178	2181	2186	rVB4	606539	795796	9.53%	0.598%
57	14.808	2187	2191	2194	rBV	1134459	1795060	21.51%	1.349%
58	14.855	2195	2199	2205	rVB3	2437901	4418019	52.93%	3.321%
59	15.137	2243	2247	2250	rBV2	695209	1040237	12.46%	0.782%
60	15.261	2265	2268	2277	rVB5	1041660	2650226	31.75%	1.992%
61	15.349	2277	2283	2289	rVB	4752841	8093987	96.97%	6.084%
62	15.420	2290	2295	2299	rBV4	970599	1858262	22.26%	1.397%
63	15.590	2321	2324	2331	rBV4	684714	1469130	17.60%	1.104%
64	15.755	2348	2352	2361	rVB5	1884987	3877013	46.45%	2.914%
65	16.319	2443	2448	2457	rVB	2289712	4531883	54.29%	3.406%

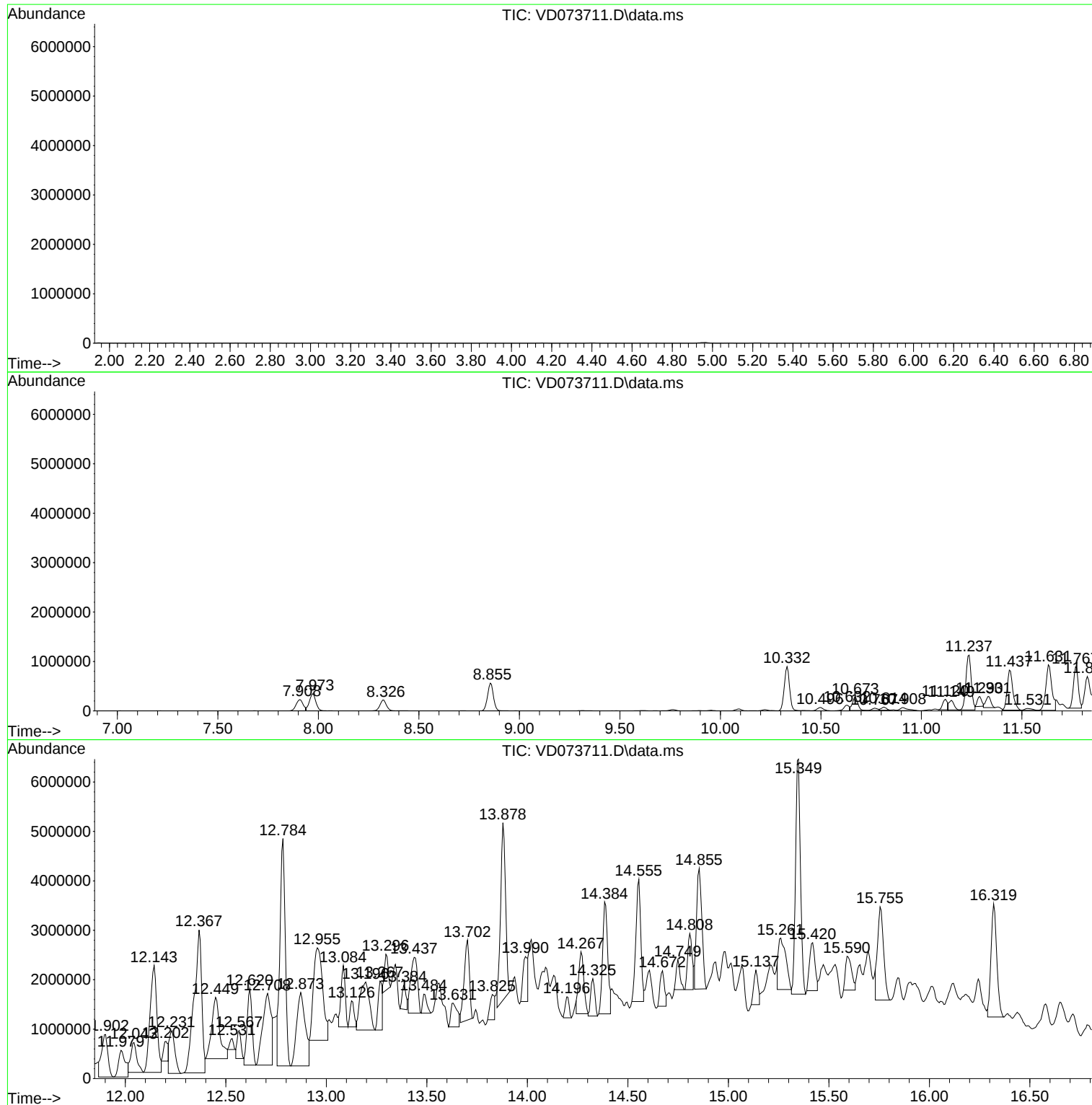
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

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



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MSVOA_D
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WC-14A-3-3-GR

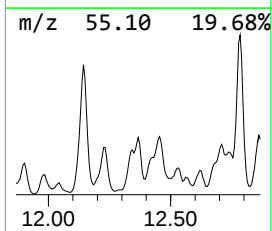
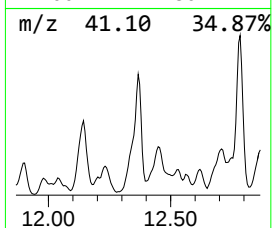
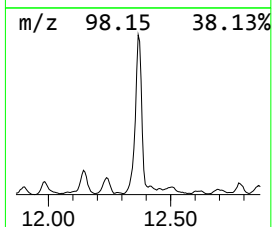
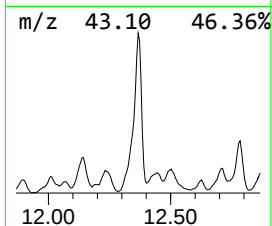
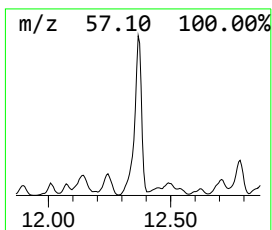
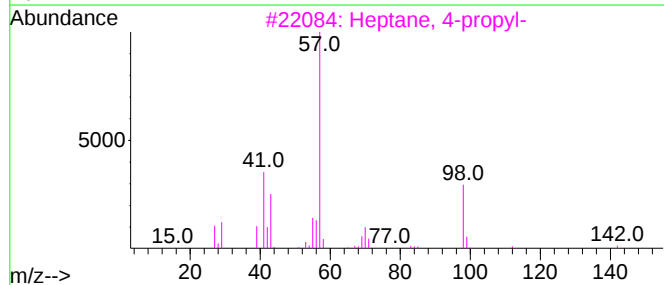
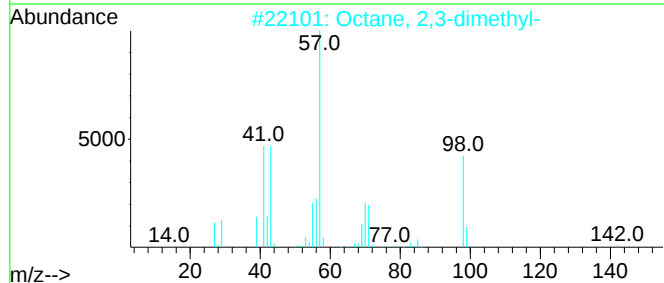
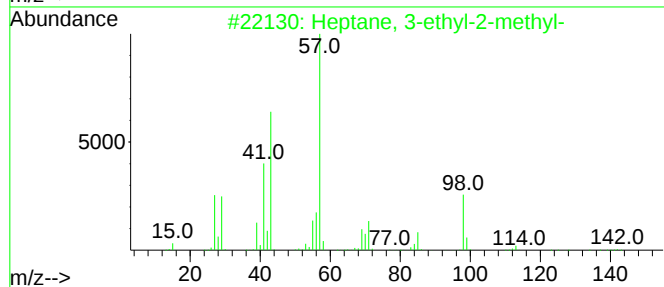
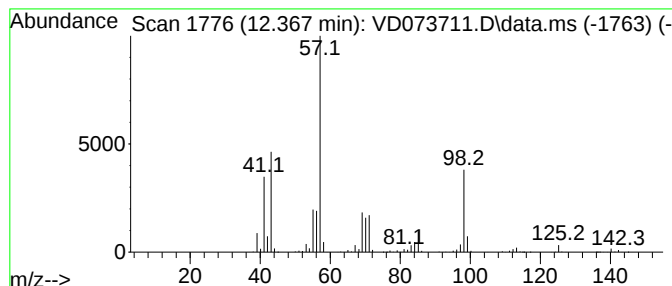
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	199.18 ug/l	7648290	Chlorobenzene-d5	11.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	53



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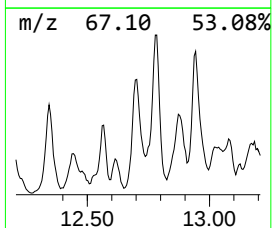
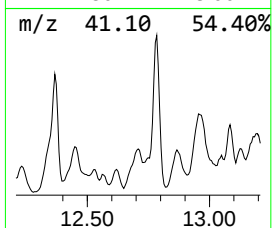
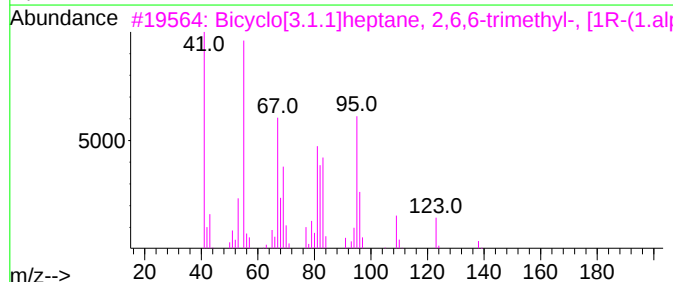
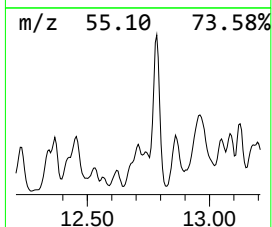
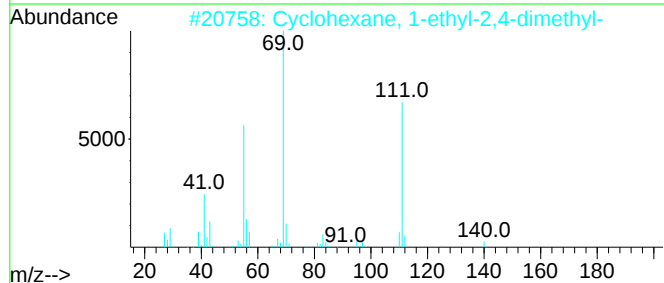
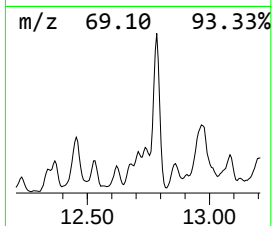
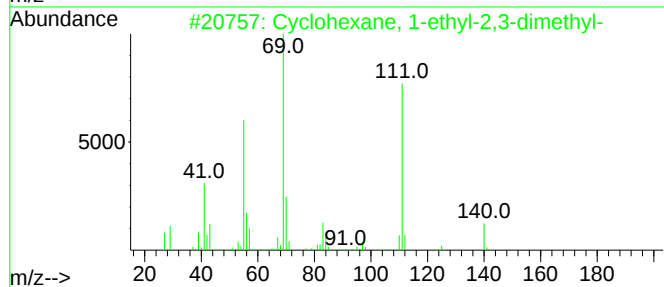
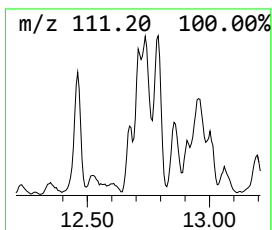
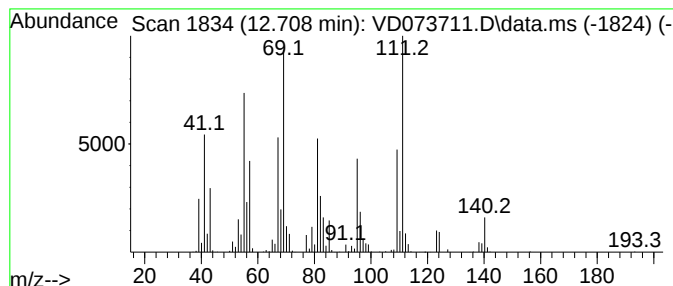
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1-ethyl-2,3-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.708	197.05 ug/l	4269450	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	55
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	55
3			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	51
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	38



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ClientSampleId :
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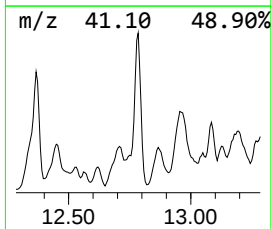
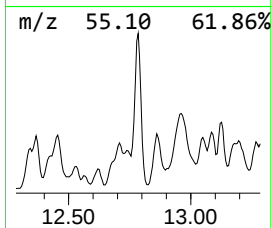
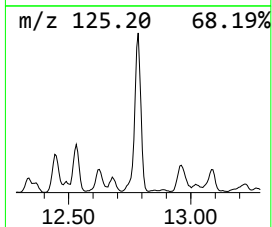
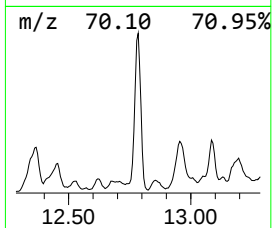
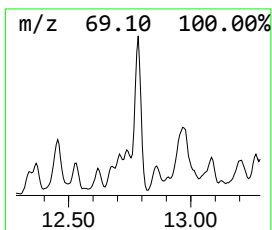
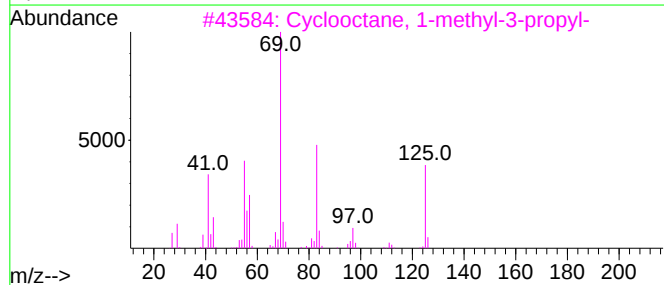
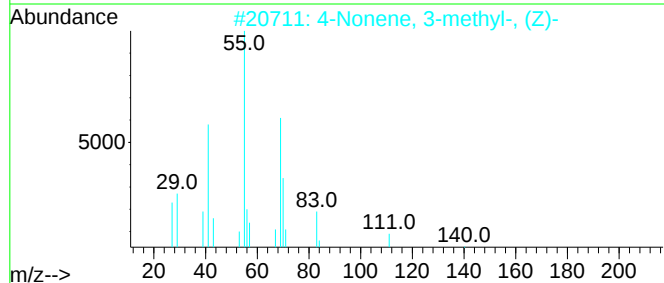
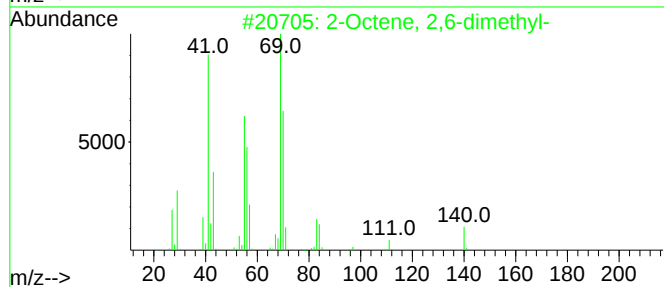
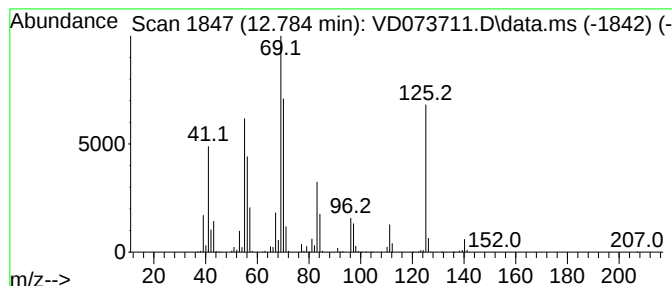
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Quant Title : SW846 8260

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

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.784	385.25 ug/l	8346920	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
2			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	58
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
5			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46



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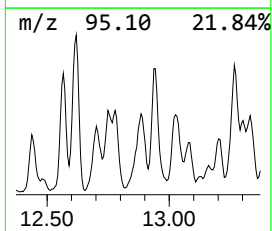
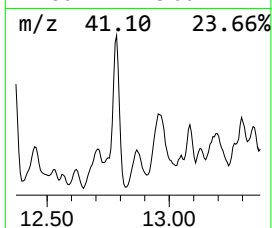
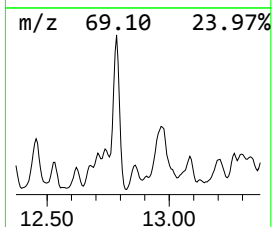
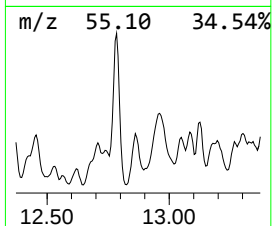
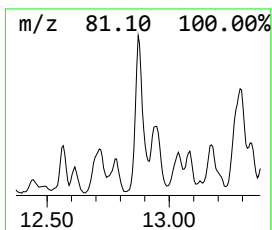
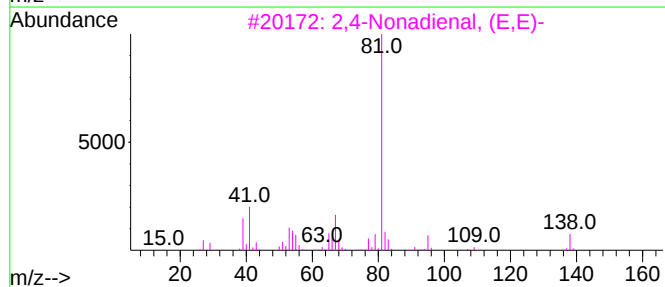
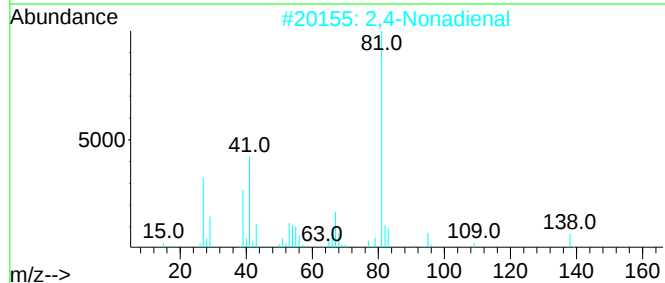
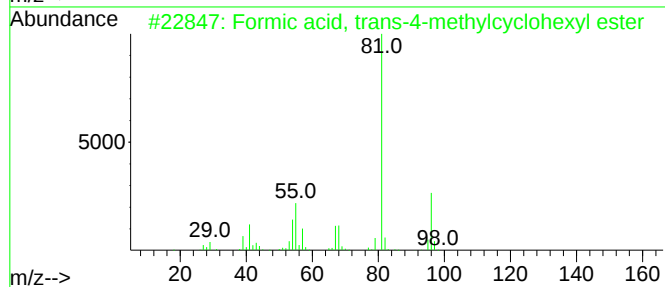
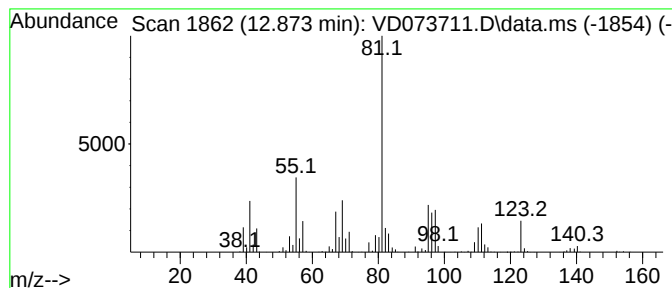
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
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Peak Number 4 unknown12.873 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	205.65 ug/l	4455670	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	47
2			2,4-Nonadienal	138	C9H14O	006750-03-4	43
3			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	43
4			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	43
5			2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

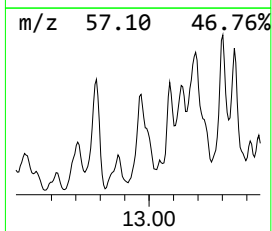
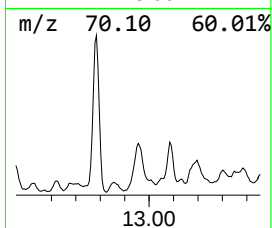
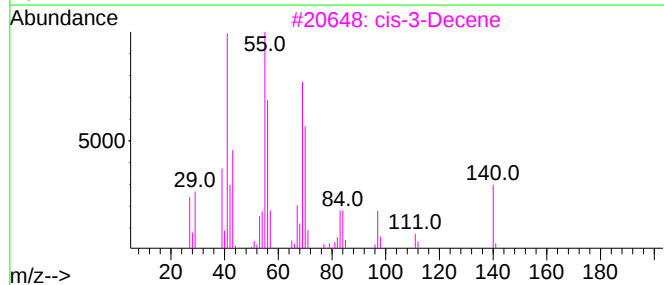
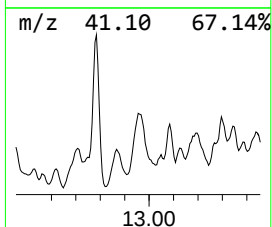
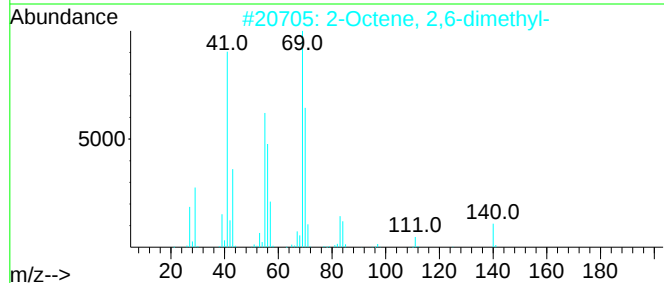
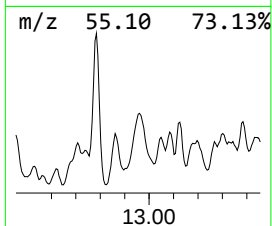
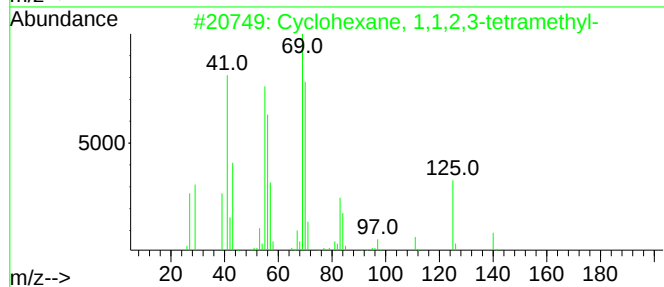
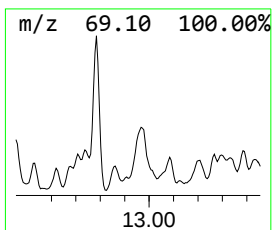
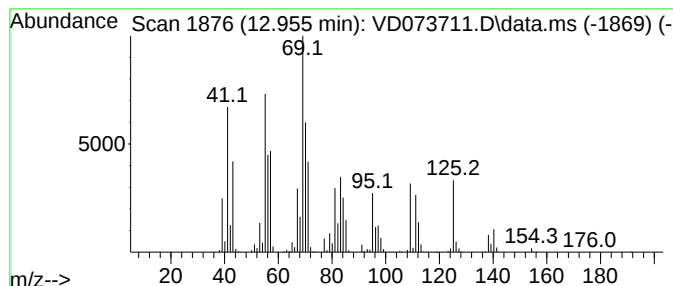
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.955	276.86 ug/l	5998610	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3			cis-3-Decene	140	C10H20	019398-86-8	49
4			Cyclopentane, pentyl-	140	C10H20	003741-00-2	46
5			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

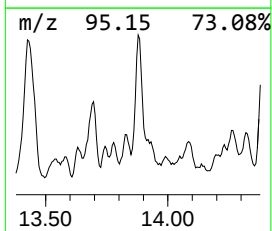
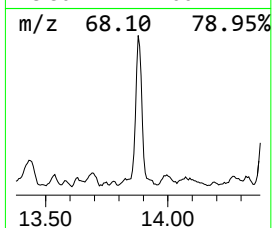
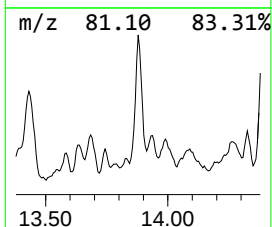
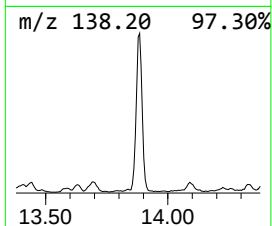
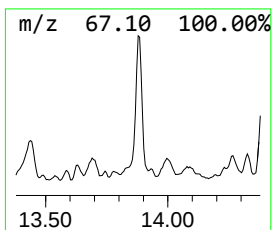
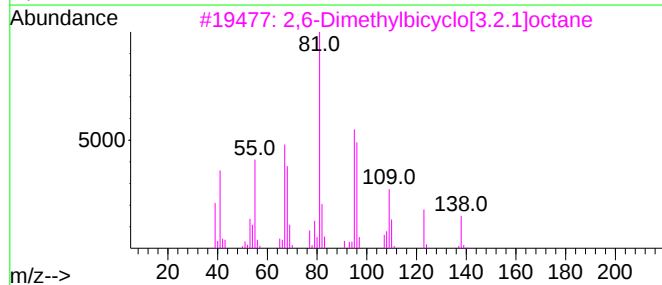
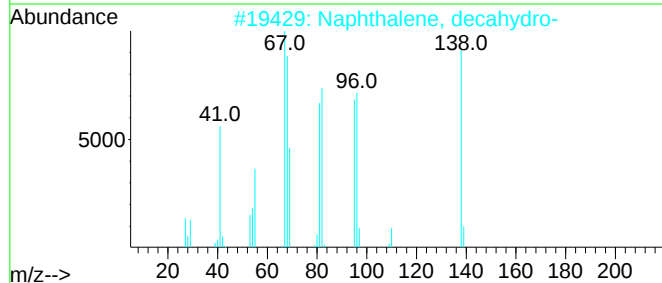
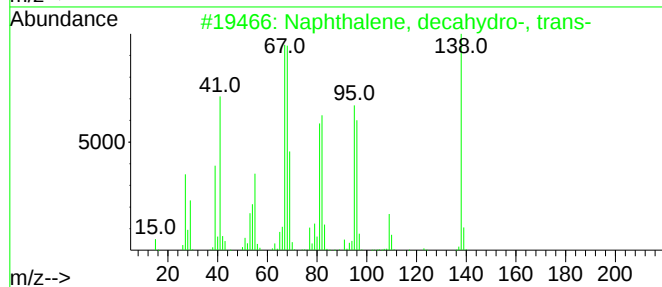
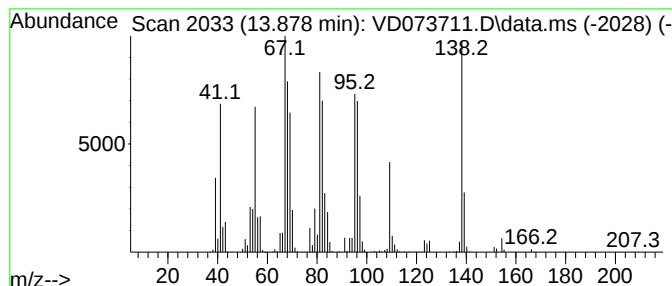
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.878	288.74 ug/l	6256020	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	92
3			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	76
4			Spiro[4.5]decane	138	C10H18	000176-63-6	74
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

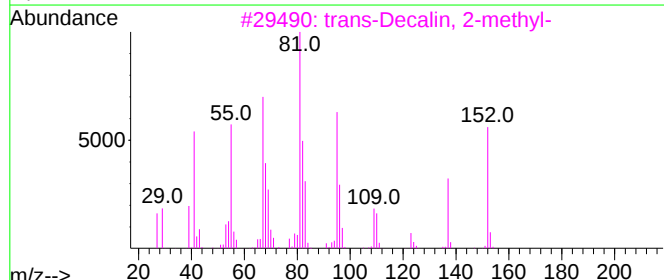
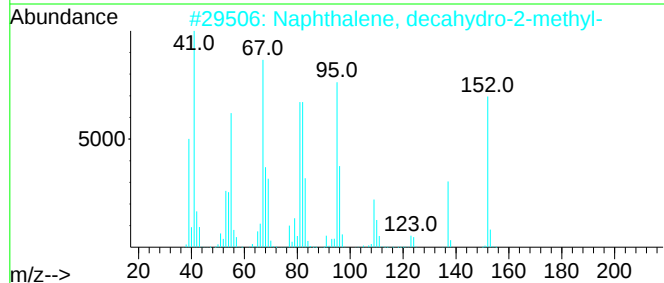
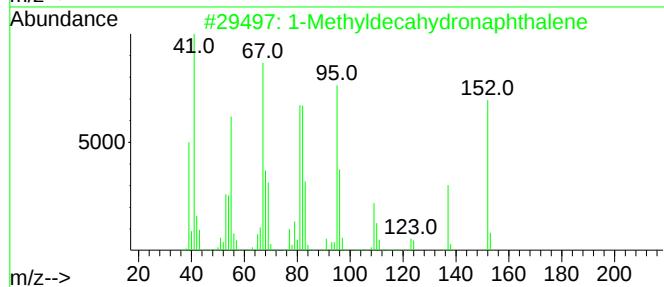
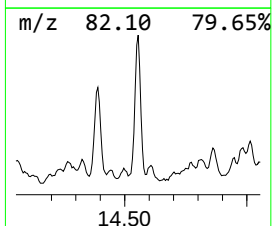
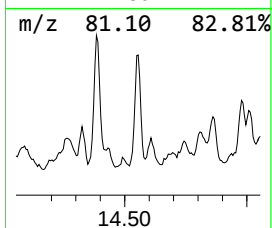
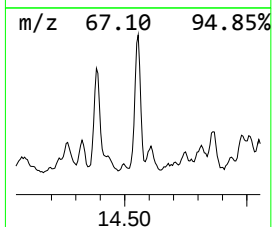
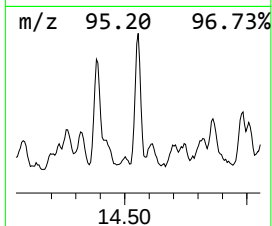
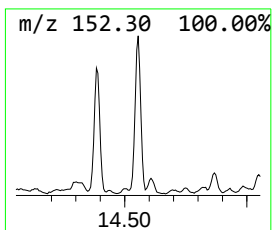
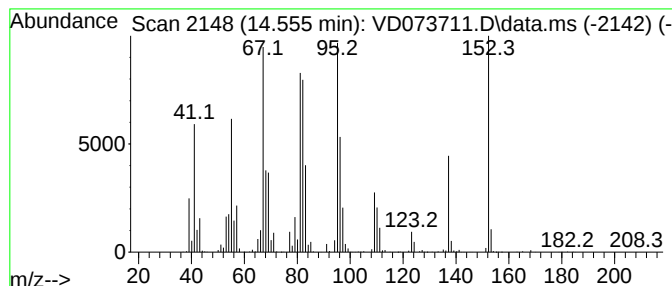
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Quant Title : SW846 8260

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

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	192.95 ug/l	4180600	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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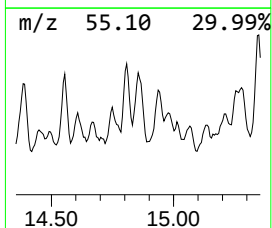
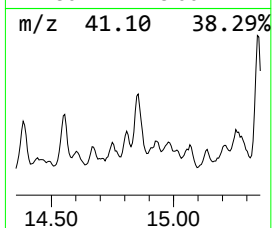
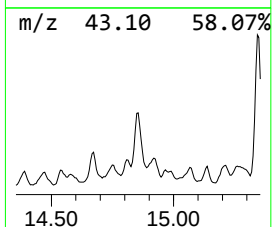
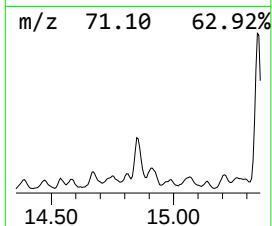
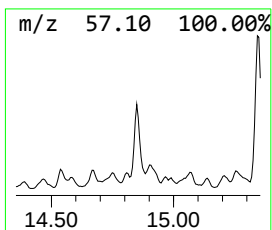
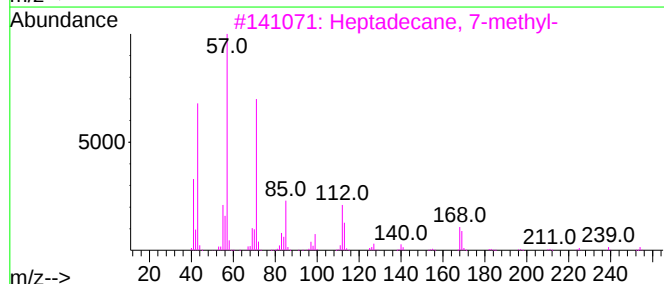
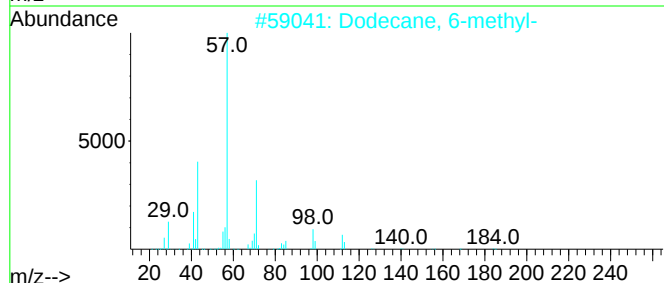
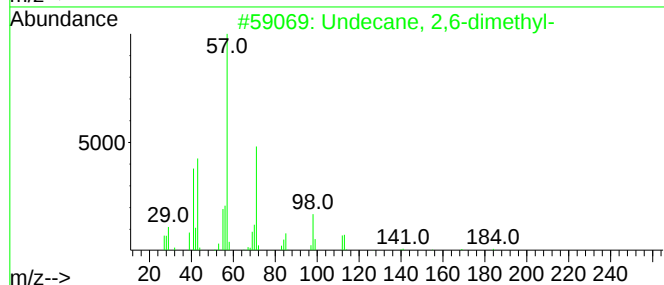
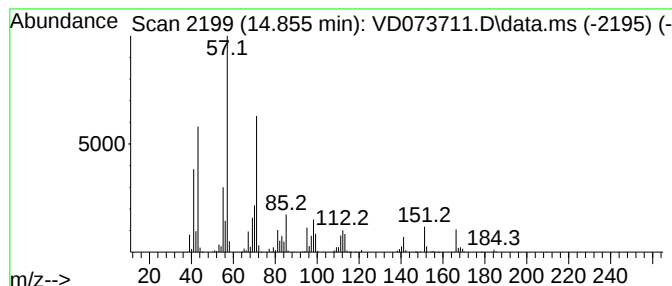
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	203.91 ug/l	4418020	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	64
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	49
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	49
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

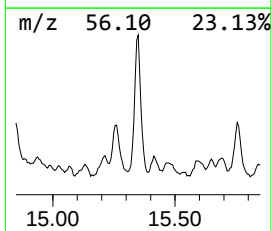
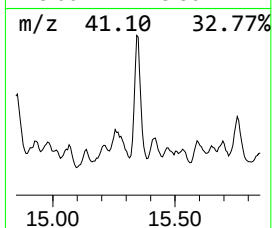
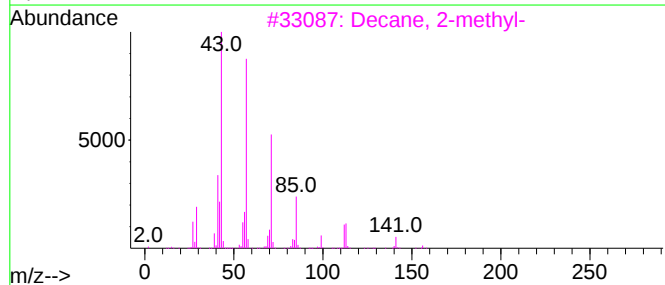
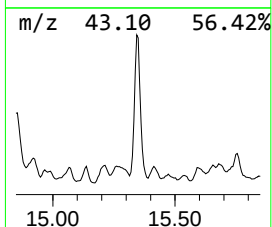
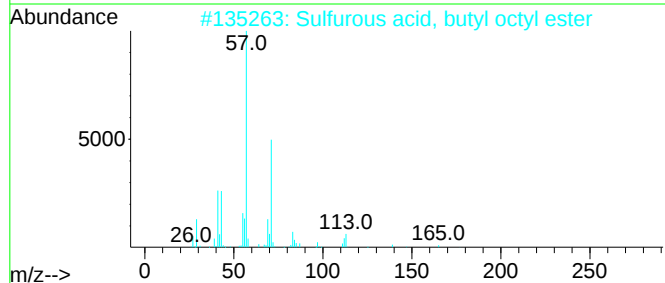
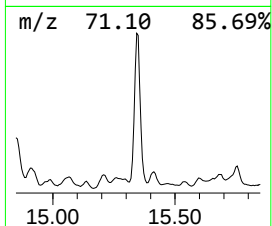
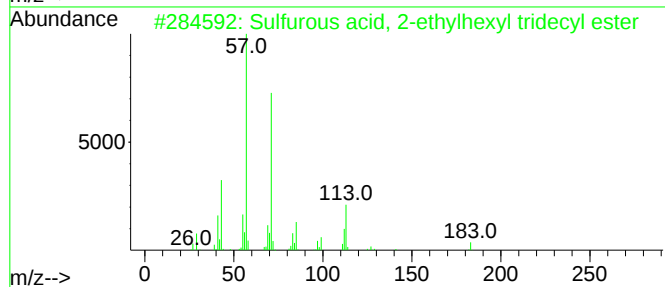
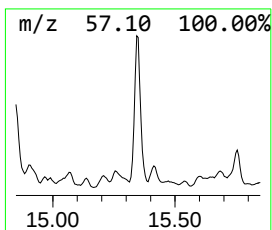
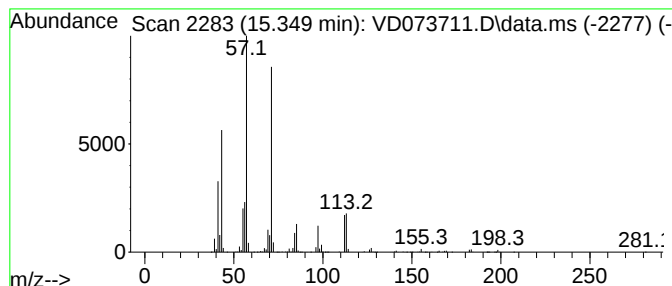
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Quant Title : SW846 8260

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

Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	373.57 ug/l	8093990	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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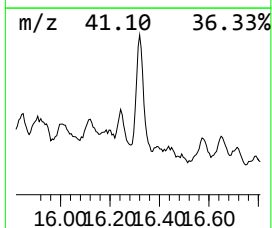
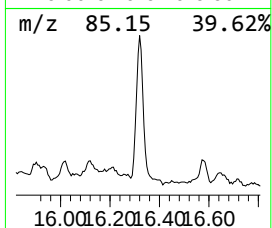
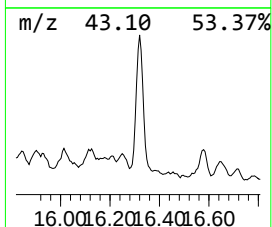
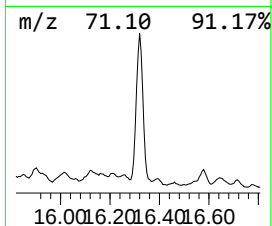
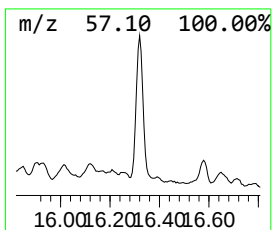
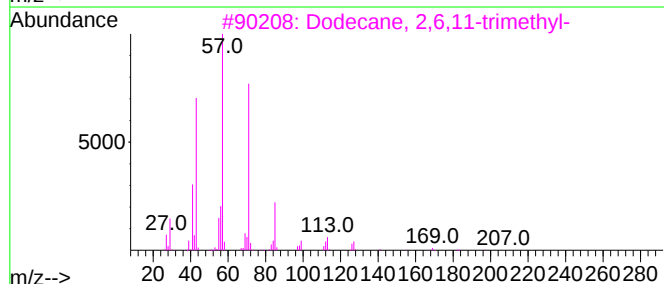
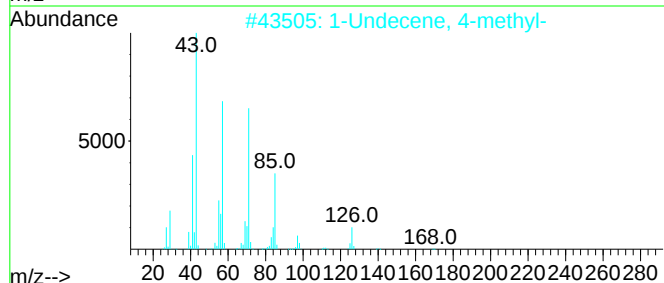
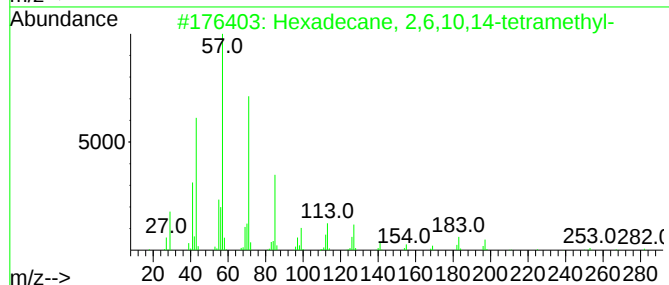
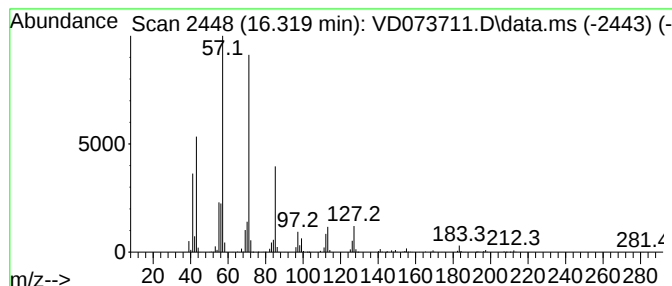
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Quant Title : SW846 8260

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.320	209.17 ug/l	4531880	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
Acq On : 25 Jun 2022 16:00
Operator : VA/SY
Sample : N3454-11
Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.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
Heptane, 3-ethy...	12.367	199.2	ug/l	7648290	3	11.632	1919930	50.0
Cyclohexane, 1-...	12.708	197.1	ug/l	4269450	4	13.561	1083320	50.0
2-Octene, 2,6-d...	12.784	385.3	ug/l	8346920	4	13.561	1083320	50.0
unknown12.873	12.873	205.7	ug/l	4455670	4	13.561	1083320	50.0
Cyclohexane, 1,...	12.955	276.9	ug/l	5998610	4	13.561	1083320	50.0
Naphthalene, de...	13.878	288.7	ug/l	6256020	4	13.561	1083320	50.0
1-Methyldecahyd...	14.555	192.9	ug/l	4180600	4	13.561	1083320	50.0
Undecane, 2,6-d...	14.855	203.9	ug/l	4418020	4	13.561	1083320	50.0
Sulfurous acid,...	15.349	373.6	ug/l	8093990	4	13.561	1083320	50.0
Hexadecane, 2,6...	16.320	209.2	ug/l	4531880	4	13.561	1083320	50.0