

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006097.D
 Acq On : 20 Sep 2021 15:32
 Operator : SY/MD
 Sample : M3797-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26240

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\82Y091421S.M

Title : SW846 8260

Signal : TIC: VY006097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	465	476	494	rBV3	23023	75003	1.59%	0.127%
2	6.990	837	848	863	rBV2	13578	50786	1.08%	0.086%
3	7.728	958	969	974	rBV	112146	265020	5.61%	0.448%
4	7.795	974	980	993	rVB	174370	390401	8.26%	0.660%
5	8.149	1022	1038	1047	rBV2	126841	300917	6.37%	0.509%
6	8.697	1119	1128	1141	rBV	303053	600304	12.71%	1.015%
7	10.185	1364	1372	1383	rBV	494331	866125	18.33%	1.464%
8	10.691	1449	1455	1464	rBV	222078	379733	8.04%	0.642%
9	11.093	1516	1521	1526	rVB2	30493	52255	1.11%	0.088%
10	11.282	1544	1552	1563	rVB6	61051	178785	3.78%	0.302%
11	11.380	1563	1568	1573	rBV	63138	100641	2.13%	0.170%
12	11.489	1581	1586	1592	rBV	429269	698215	14.78%	1.180%
13	11.672	1612	1616	1619	rBV3	38366	69864	1.48%	0.118%
14	11.715	1619	1623	1625	rBV2	62216	90292	1.91%	0.153%
15	11.782	1631	1634	1639	rVB2	66609	103997	2.20%	0.176%
16	11.928	1654	1658	1663	rVB2	35467	56766	1.20%	0.096%
17	12.008	1663	1671	1677	rBV3	163637	411528	8.71%	0.696%
18	12.123	1686	1690	1694	rVB	209416	283847	6.01%	0.480%
19	12.203	1699	1703	1705	rBV2	114489	172639	3.65%	0.292%
20	12.239	1705	1709	1714	rVB3	183560	358052	7.58%	0.605%
21	12.337	1719	1725	1729	rBV2	207992	443355	9.39%	0.749%
22	12.416	1735	1738	1740	rBV	131202	138105	2.92%	0.233%
23	12.440	1740	1742	1745	rVB	151511	158569	3.36%	0.268%
24	12.483	1745	1749	1753	rBV2	339506	532793	11.28%	0.901%
25	12.526	1753	1756	1760	rVB	222411	278237	5.89%	0.470%
26	12.575	1760	1764	1769	rBV4	92108	149474	3.16%	0.253%
27	12.648	1772	1776	1782	rVB4	171125	327362	6.93%	0.553%
28	12.721	1782	1788	1793	rBV5	138393	344896	7.30%	0.583%
29	12.806	1793	1802	1807	rBV3	944428	1870116	39.59%	3.161%
30	12.861	1807	1811	1816	rVB2	233419	360529	7.63%	0.609%
31	12.953	1822	1826	1829	rBV2	218182	299783	6.35%	0.507%
32	13.007	1829	1835	1837	rBV3	247525	420742	8.91%	0.711%
33	13.038	1837	1840	1847	rVB	932998	1408524	29.82%	2.381%
34	13.105	1847	1851	1855	rBV2	173417	286285	6.06%	0.484%
35	13.166	1857	1861	1866	rBV	263626	442615	9.37%	0.748%
36	13.221	1867	1870	1878	rVB5	319919	707551	14.98%	1.196%

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37	13.318	1878	1886	1890	rBV5	778994	1778955	37.66%	3.007%
38	13.361	1890	1893	1897	rVV3	640908	971557	20.57%	1.642%
39	13.398	1897	1899	1901	rVV	424007	506336	10.72%	0.856%
40	13.428	1901	1904	1913	rVV3	757015	1231331	26.07%	2.081%
41	13.501	1913	1916	1920	rVV2	614161	756206	16.01%	1.278%
42	13.672	1939	1944	1951	rBV2	325145	621972	13.17%	1.051%
43	13.751	1951	1957	1961	rBV2	2687208	4250784	89.98%	7.184%
44	13.794	1961	1964	1968	rVB2	446971	694535	14.70%	1.174%
45	13.916	1979	1984	1989	rBV4	782910	1588009	33.62%	2.684%
46	13.971	1990	1993	1997	rVV	673271	958734	20.29%	1.620%
47	14.013	1997	2000	2006	rVB	853442	1264184	26.76%	2.137%
48	14.080	2006	2011	2015	rBV3	818370	1346342	28.50%	2.276%
49	14.141	2016	2021	2027	rBV5	648356	1370806	29.02%	2.317%
50	14.196	2027	2030	2033	rBV3	336035	506997	10.73%	0.857%
51	14.257	2033	2040	2046	rVV7	1854842	4724033	100.00%	7.984%
52	14.318	2046	2050	2056	rVB4	609808	1013747	21.46%	1.713%
53	14.385	2056	2061	2064	rBV3	1003806	1506959	31.90%	2.547%
54	14.422	2064	2067	2071	rVB2	1025031	1384731	29.31%	2.340%
55	14.477	2072	2076	2081	rBV5	491195	802904	17.00%	1.357%
56	14.611	2094	2098	2103	rVB	1851193	2427349	51.38%	4.103%
57	14.684	2104	2110	2114	rVV4	1139553	2287477	48.42%	3.866%
58	14.733	2114	2118	2125	rVB2	2041448	3377205	71.49%	5.708%
59	14.940	2149	2152	2156	rVB4	553729	793765	16.80%	1.342%
60	15.050	2165	2170	2175	rBV5	412759	999762	21.16%	1.690%
61	15.214	2191	2197	2201	rBV	1064401	1816185	38.45%	3.070%
62	15.348	2215	2219	2229	rVB10	464563	1351539	28.61%	2.284%
63	15.434	2229	2233	2241	rVB2	824641	1463772	30.99%	2.474%
64	15.513	2242	2246	2247	rBV4	217661	304808	6.45%	0.515%
65	15.605	2256	2261	2267	rVB4	475755	926201	19.61%	1.565%
66	15.726	2278	2281	2288	rVB5	355252	663117	14.04%	1.121%
67	16.031	2325	2331	2336	rVB5	316952	703120	14.88%	1.188%
68	16.159	2347	2352	2357	rVV2	235896	403113	8.53%	0.681%
69	16.226	2359	2363	2370	rVB2	285817	537642	11.38%	0.909%
70	16.360	2382	2385	2389	rVB	116896	157911	3.34%	0.267%

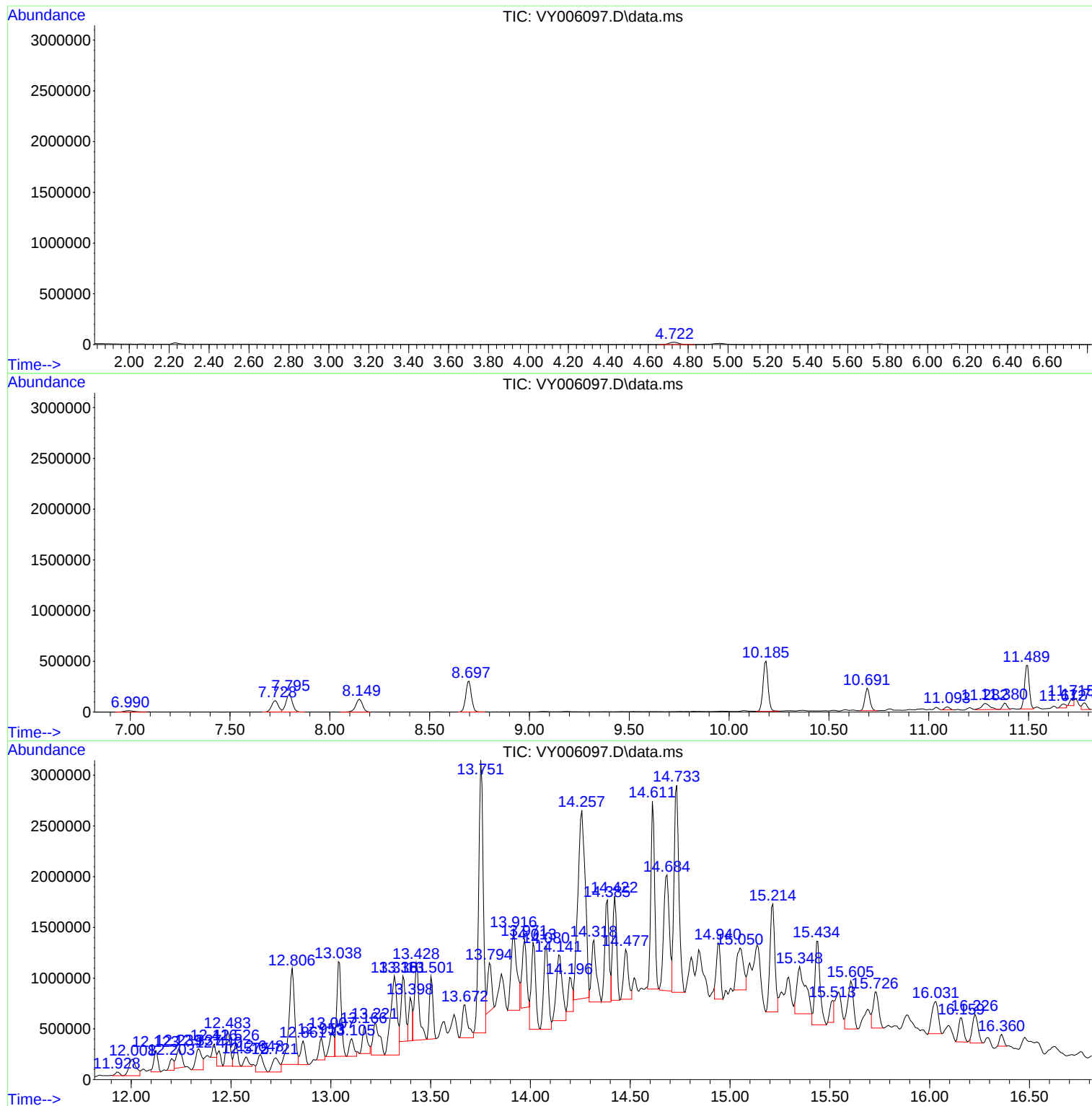
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



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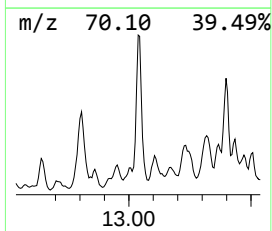
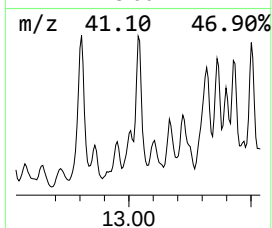
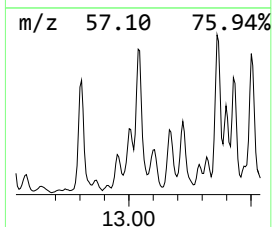
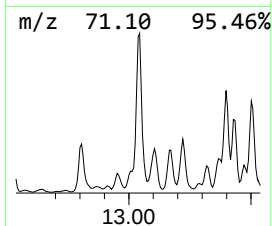
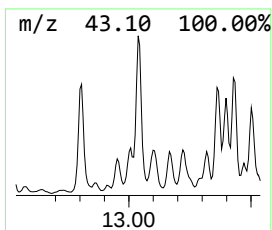
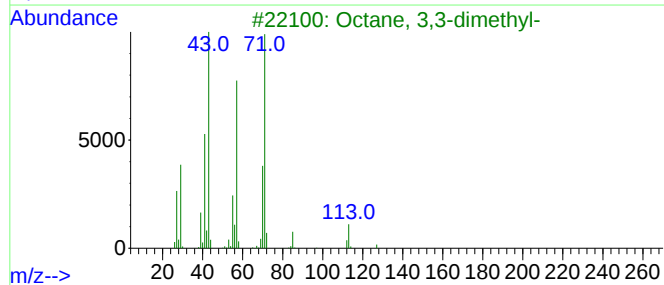
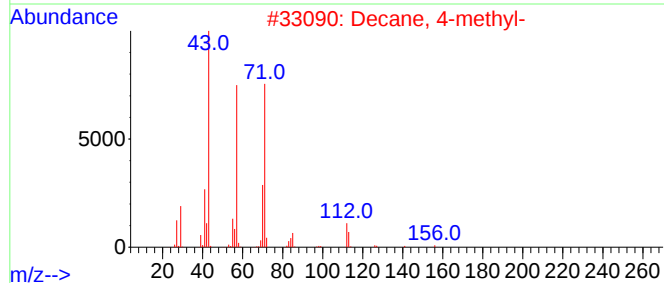
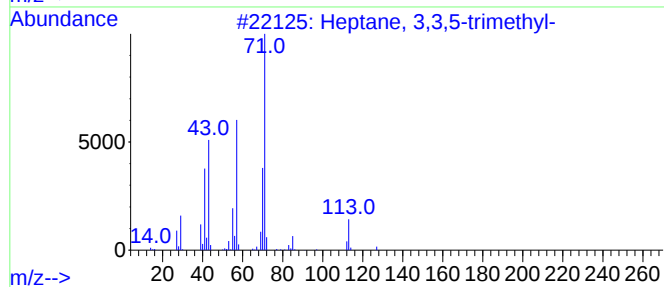
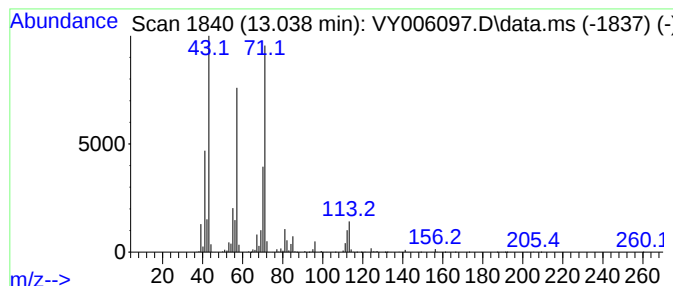
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Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	57.20 ug/l	1408520	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
2			Decane, 4-methyl-	156	C11H24	002847-72-5	74
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	59



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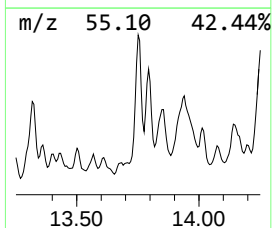
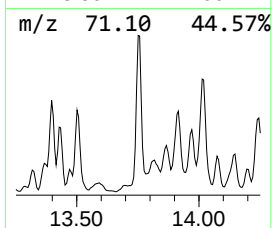
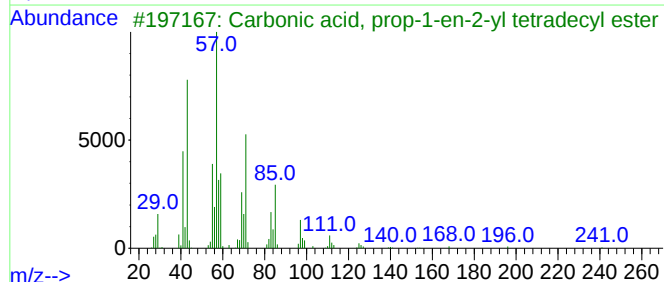
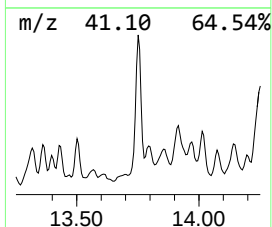
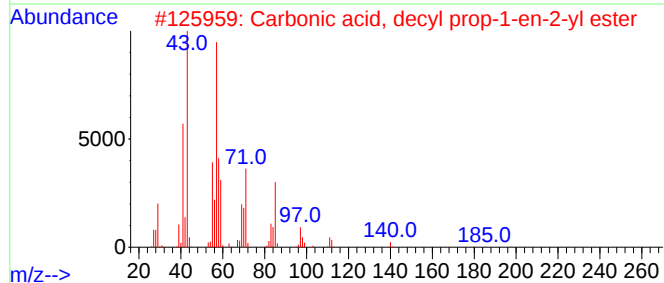
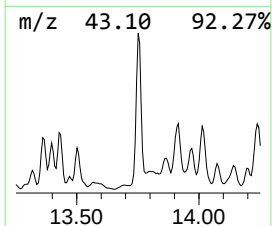
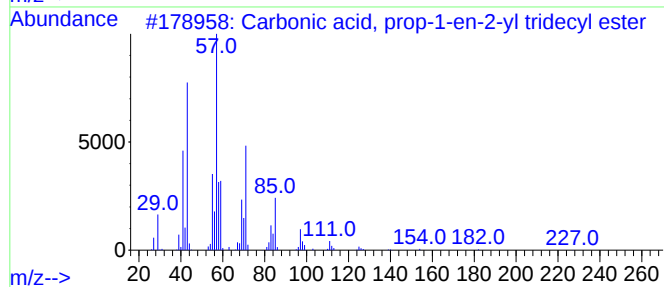
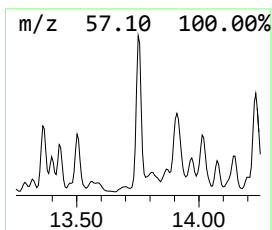
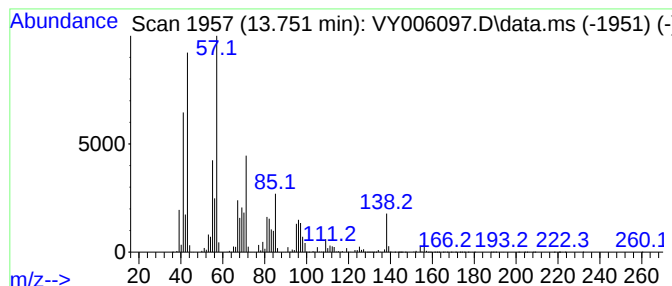
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	172.61 ug/l	4250780	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	52
2			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	52
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52
4			Undecane	156	C11H24	001120-21-4	49
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	46



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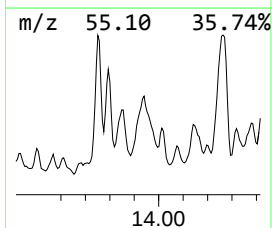
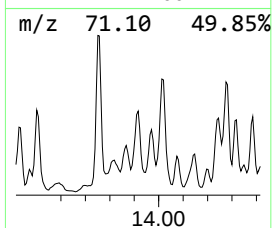
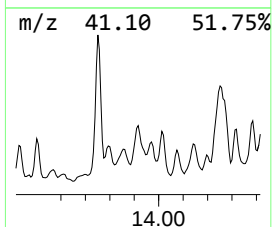
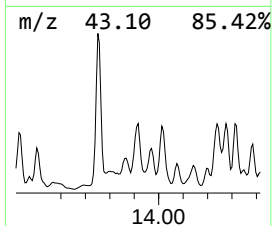
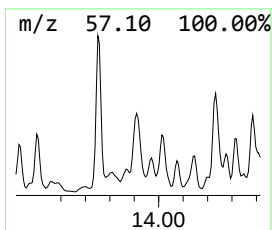
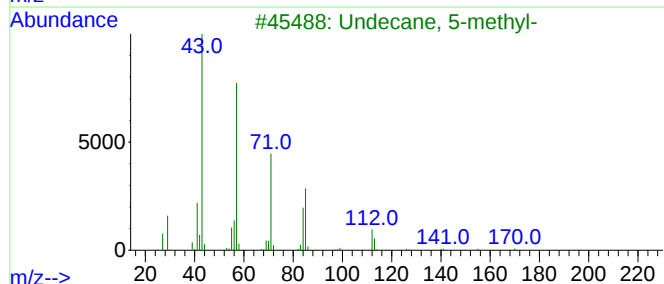
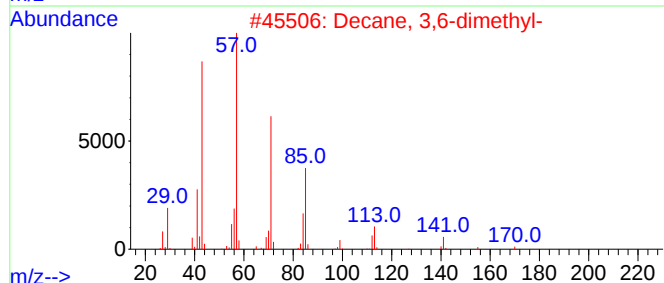
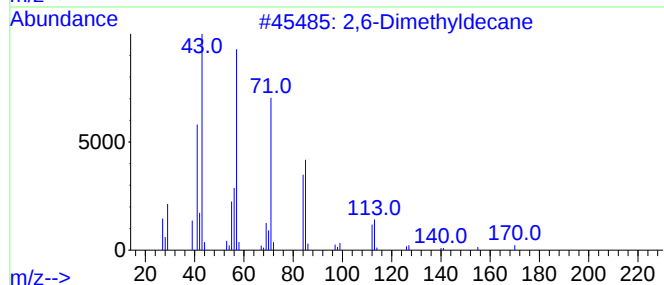
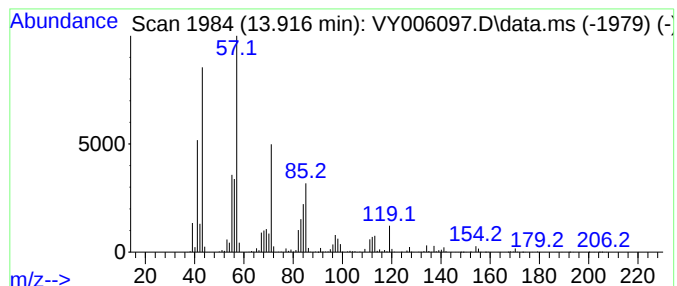
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Peak Number 3 2,6-Dimethyldecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	64.48 ug/l	1588010	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldecane	170	C12H26	013150-81-7	76
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	74
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
5			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50



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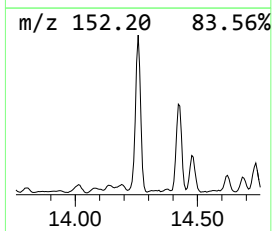
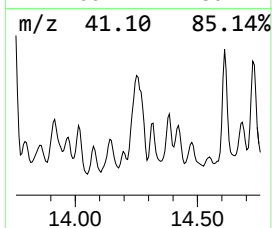
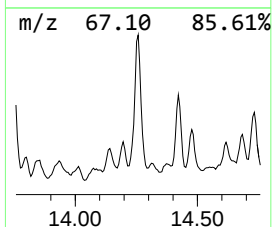
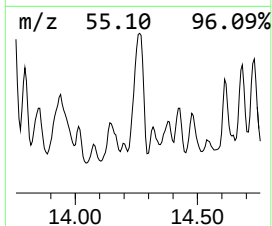
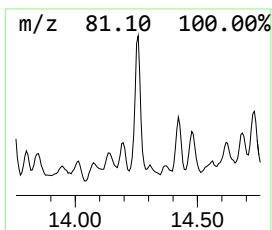
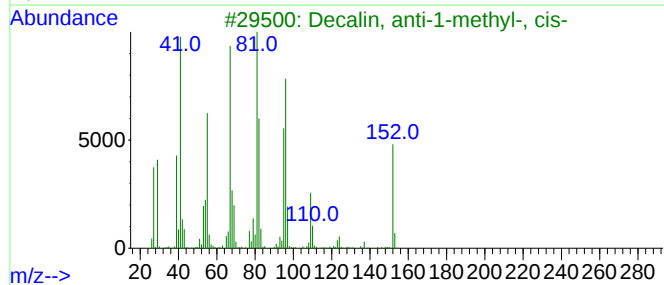
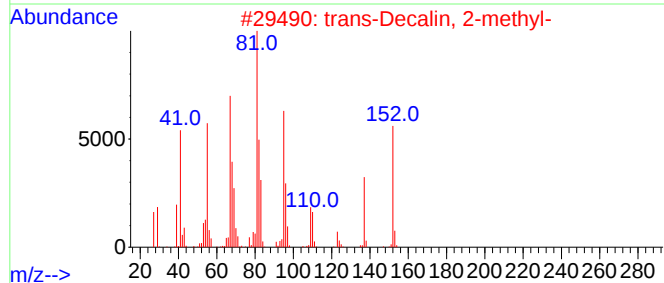
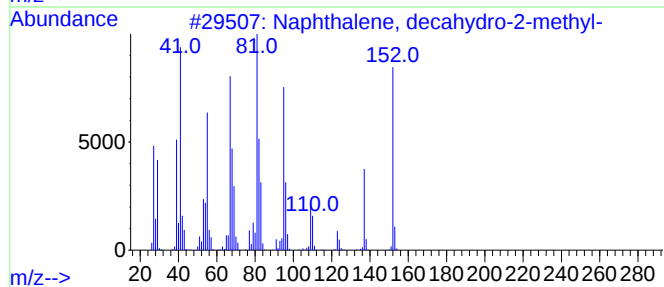
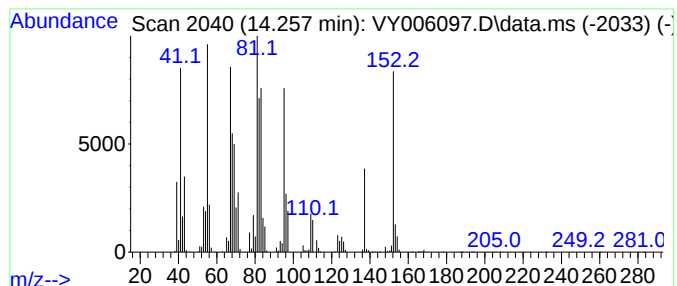
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Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	191.83 ug/l	4724030	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	70
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	62
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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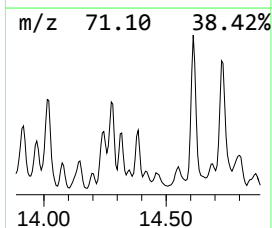
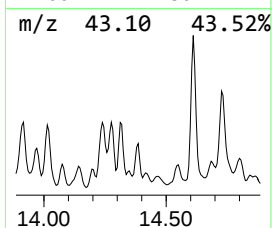
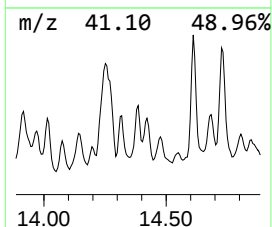
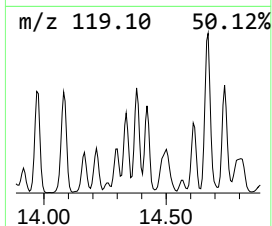
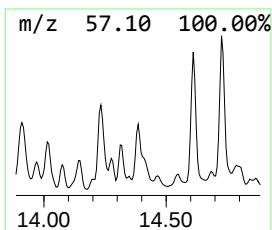
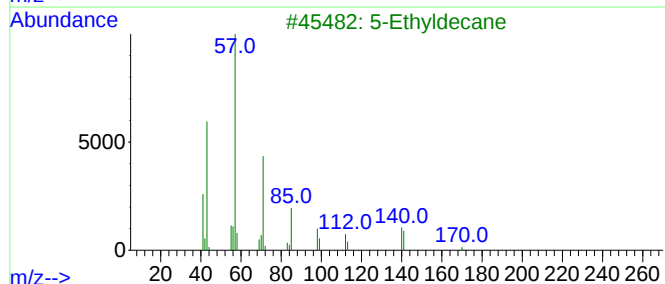
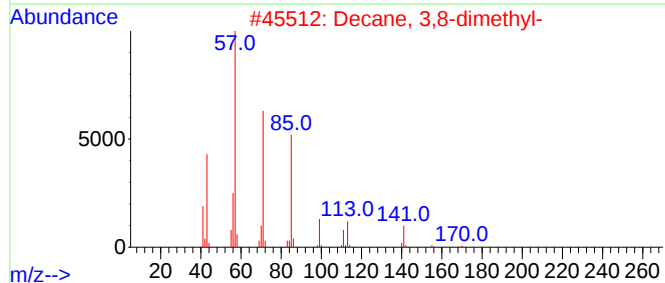
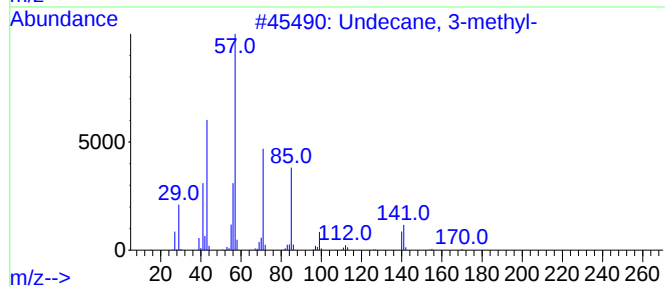
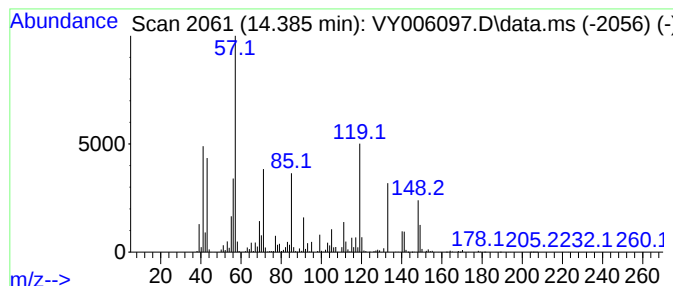
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.385 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	61.19 ug/l	1506960	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	45
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3			5-Ethyldecane	170	C12H26	017302-36-2	30
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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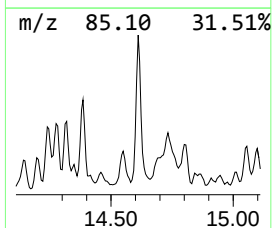
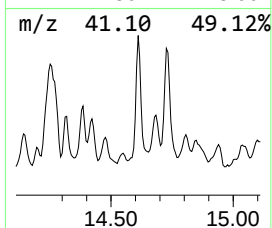
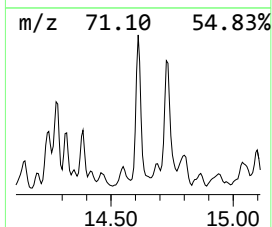
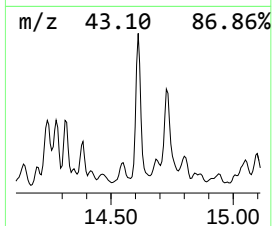
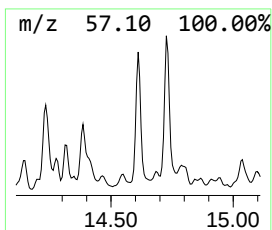
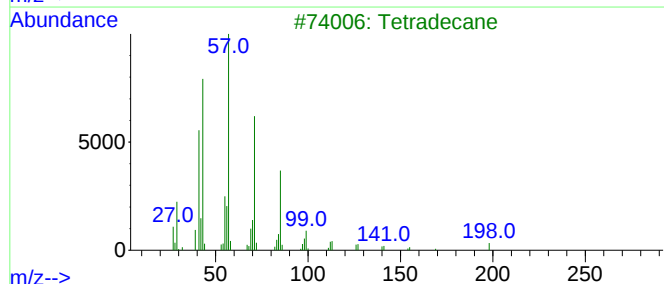
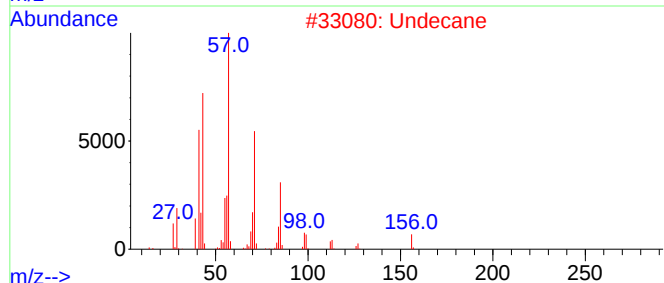
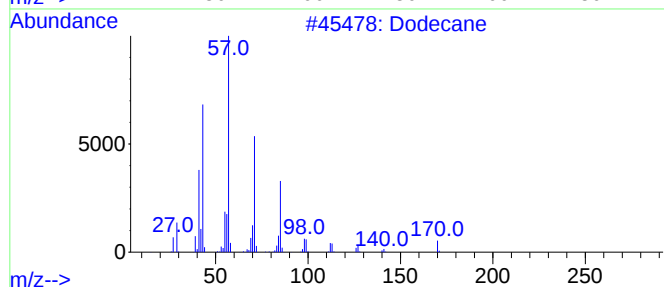
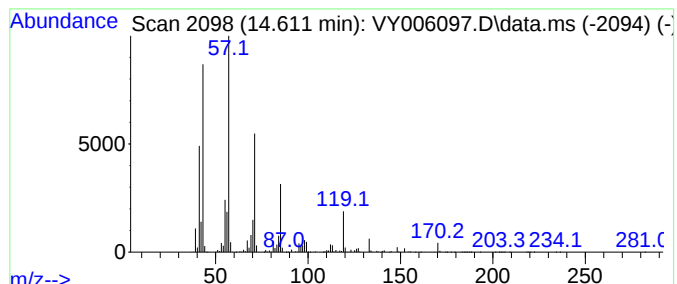
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	98.57 ug/l	2427350	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	81
2			Undecane	156	C11H24	001120-21-4	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Tridecane	184	C13H28	000629-50-5	64
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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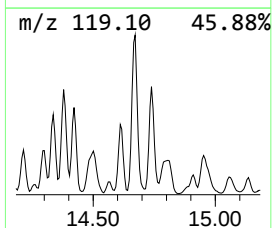
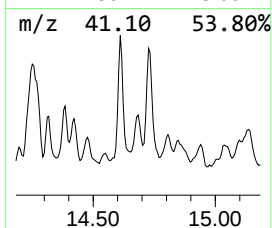
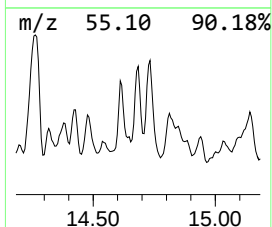
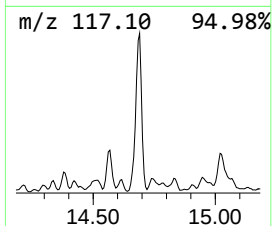
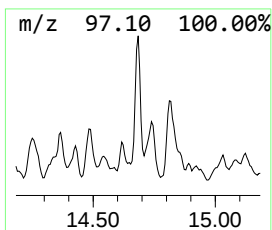
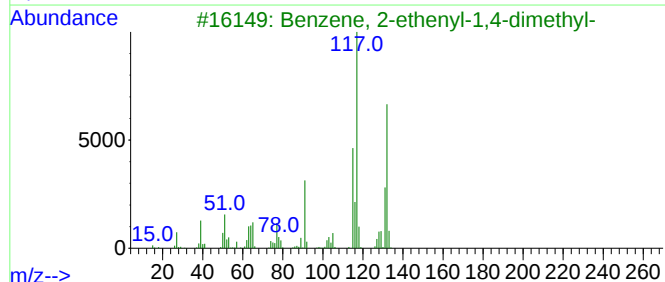
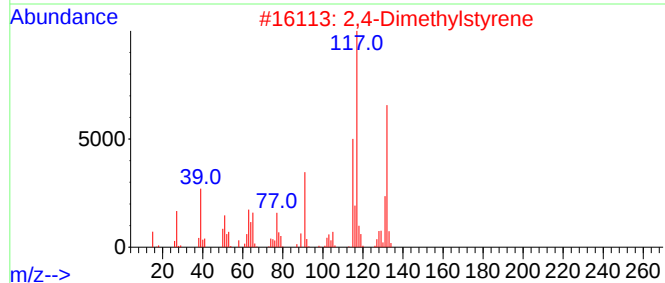
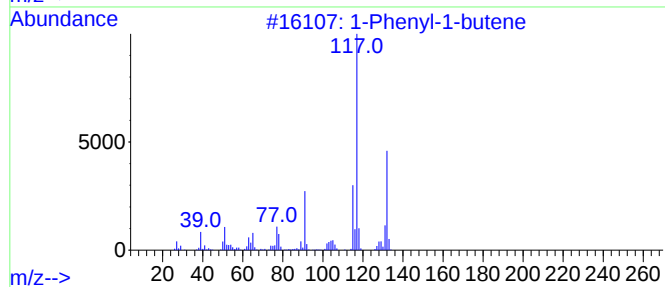
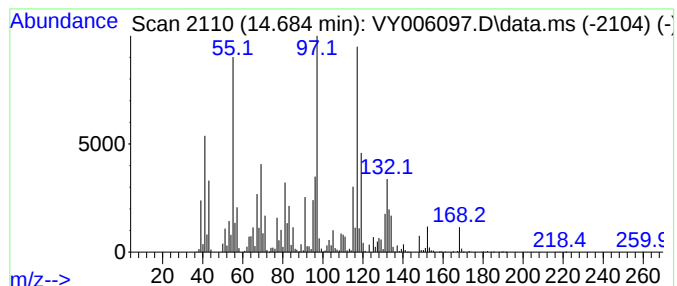
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Quant Title : SW846 8260

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	92.89 ug/l	2287480	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	68
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	59
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	56
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	53
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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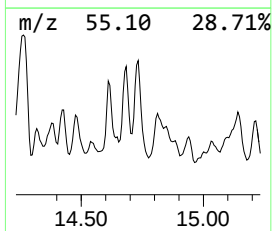
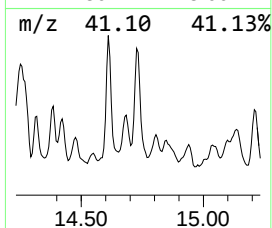
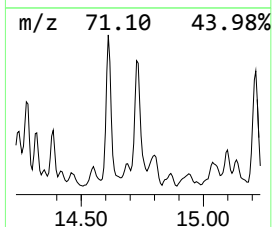
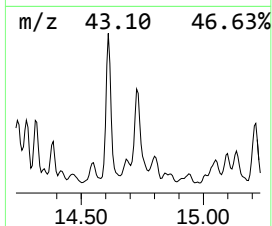
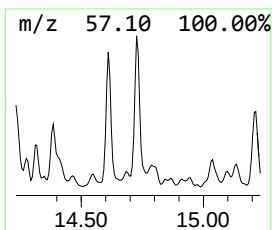
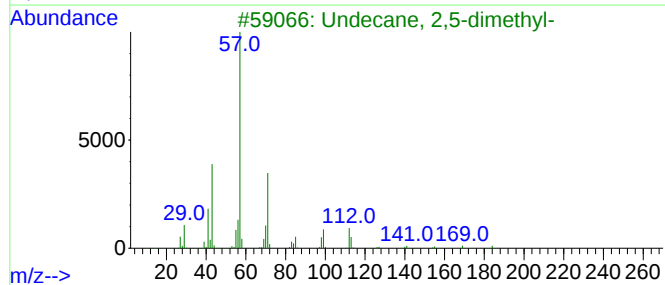
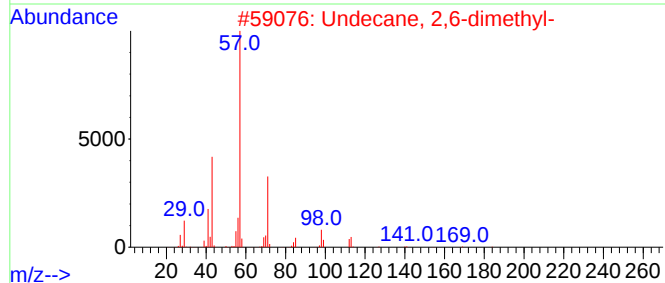
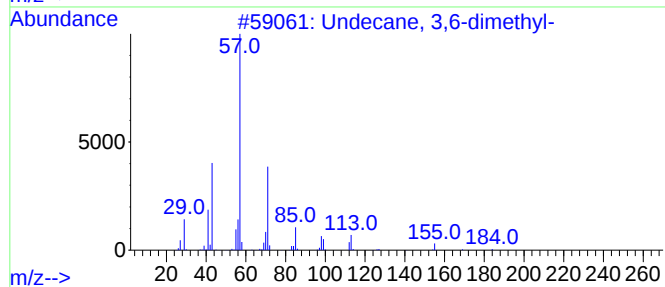
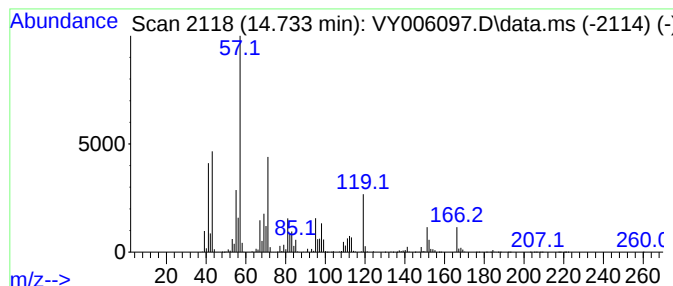
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	137.14 ug/l	3377210	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	42
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	41
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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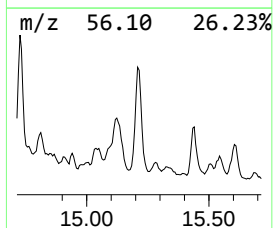
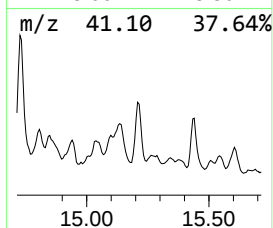
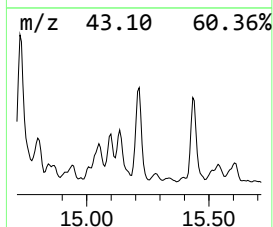
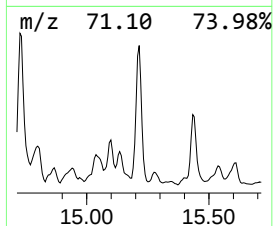
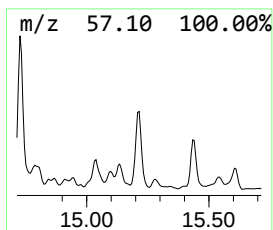
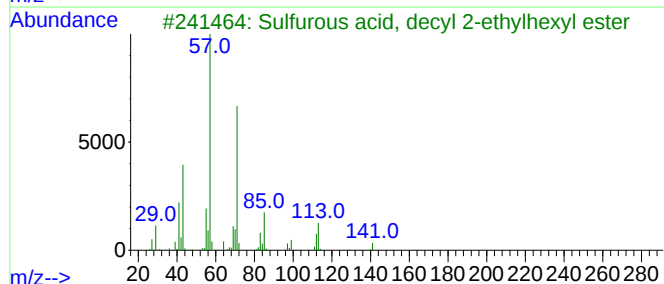
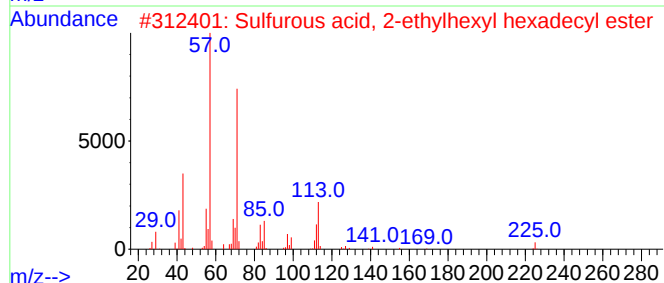
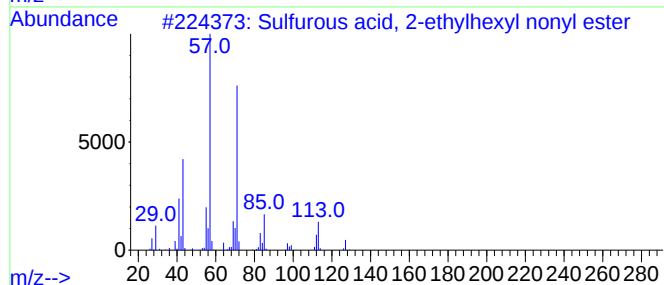
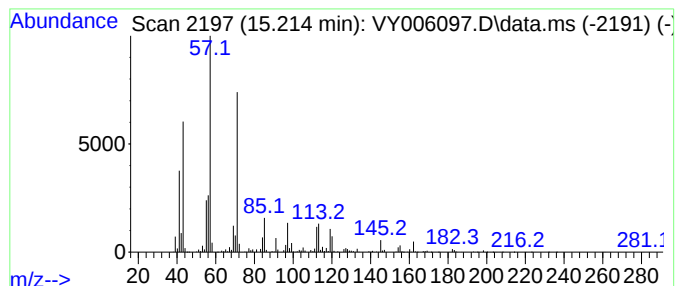
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Quant Title : SW846 8260

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

Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	73.75 ug/l	1816190	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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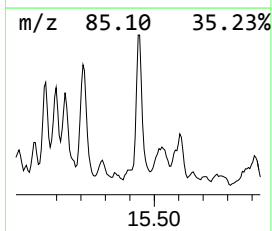
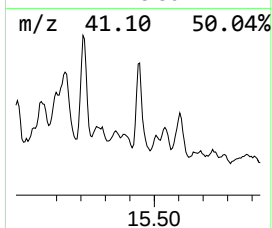
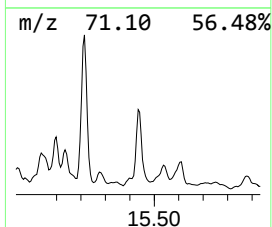
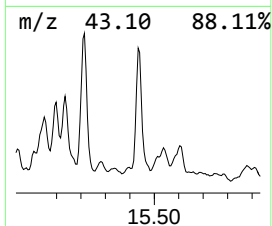
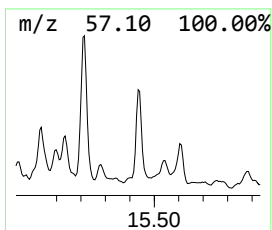
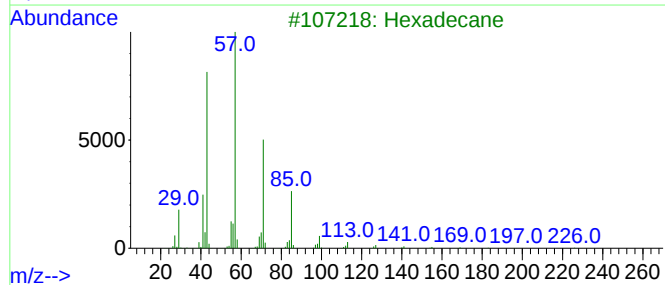
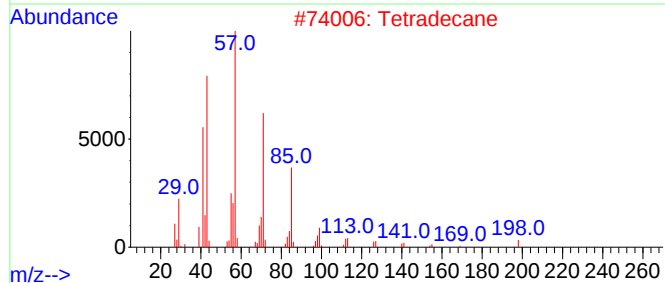
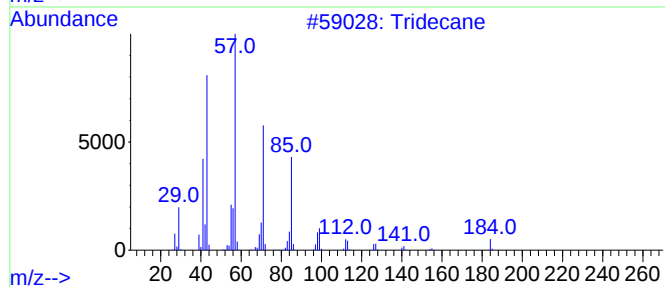
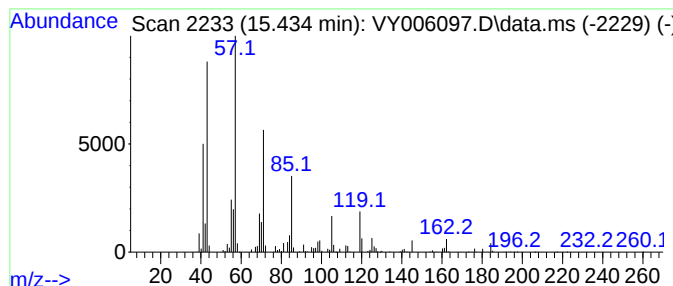
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	59.44 ug/l	1463770	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	64
3			Hexadecane	226	C16H34	000544-76-3	52
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	50
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006097.D
Acq On : 20 Sep 2021 15:32
Operator : SY/MD
Sample : M3797-07
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
26240

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.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
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Carbonic acid, ...	13.751	172.6	ug/l	4250780	4	13.428	1231330	50.0
2,6-Dimethyldecane	13.916	64.5	ug/l	1588010	4	13.428	1231330	50.0
Naphthalene, de...	14.257	191.8	ug/l	4724030	4	13.428	1231330	50.0
unknown14.385	14.385	61.2	ug/l	1506960	4	13.428	1231330	50.0
Dodecane	14.611	98.6	ug/l	2427350	4	13.428	1231330	50.0
1-Phenyl-1-butene	14.684	92.9	ug/l	2287480	4	13.428	1231330	50.0
Undecane, 3,6-d...	14.733	137.1	ug/l	3377210	4	13.428	1231330	50.0
Sulfurous acid,...	15.214	73.8	ug/l	1816190	4	13.428	1231330	50.0
Tridecane	15.434	59.4	ug/l	1463770	4	13.428	1231330	50.0