

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073291.D
 Acq On : 23 May 2022 19:11
 Operator : VA/SY
 Sample : N2885-17
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-0006-01

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\82D051922S.M
 Title : SW846 8260

Signal : TIC: VD073291.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.156	34	40	47	rBV3	25226	38215	1.78%	0.274%
2	4.150	372	379	387	rBV	14671	40780	1.90%	0.292%
3	4.962	503	517	526	rBV2	44836	144988	6.74%	1.038%
4	5.179	541	554	567	rVB3	12858	50008	2.33%	0.358%
5	5.985	681	691	700	rBV4	13274	40438	1.88%	0.290%
6	7.191	886	896	905	rBV	47777	129717	6.03%	0.929%
7	7.909	1007	1018	1023	rBV	255225	616218	28.66%	4.414%
8	7.973	1023	1029	1040	rVB	424812	977398	45.46%	7.001%
9	8.179	1056	1064	1071	rBV4	22492	45742	2.13%	0.328%
10	8.320	1073	1088	1098	rBV2	214737	617508	28.72%	4.423%
11	8.714	1149	1155	1161	rVB3	21273	39415	1.83%	0.282%
12	8.856	1170	1179	1188	rBV	629690	1293372	60.16%	9.264%
13	10.332	1422	1430	1437	rBV	1015134	1813033	84.33%	12.986%
14	10.397	1437	1441	1454	rVV3	74803	190562	8.86%	1.365%
15	10.714	1489	1495	1503	rVB	73897	135174	6.29%	0.968%
16	11.073	1549	1556	1567	rBV2	125372	209316	9.74%	1.499%
17	11.449	1613	1620	1626	rVB3	16493	30787	1.43%	0.221%
18	11.632	1639	1651	1660	rBV	987242	1755272	81.64%	12.572%
19	11.885	1689	1694	1700	rVB2	20011	34955	1.63%	0.250%
20	12.073	1721	1726	1730	rBV5	15452	26546	1.23%	0.190%
21	12.185	1740	1745	1750	rVB3	22795	40424	1.88%	0.290%
22	12.249	1750	1756	1761	rBV3	33907	55605	2.59%	0.398%
23	12.620	1808	1819	1826	rBV2	933999	2149916	100.00%	15.399%
24	12.691	1826	1831	1837	rVV2	53370	119755	5.57%	0.858%
25	12.761	1837	1843	1853	rVB	110594	258668	12.03%	1.853%
26	12.967	1868	1878	1884	rBV4	78220	222901	10.37%	1.597%
27	13.020	1884	1887	1896	rVB4	23083	38344	1.78%	0.275%
28	13.126	1896	1905	1907	rBV8	15401	36958	1.72%	0.265%
29	13.202	1909	1918	1929	rVB	155691	309062	14.38%	2.214%
30	13.308	1931	1936	1944	rVB	57100	85650	3.98%	0.613%
31	13.414	1944	1954	1960	rBV	194698	355253	16.52%	2.544%
32	13.561	1969	1979	1984	rBV	994687	1687334	78.48%	12.085%
33	13.608	1984	1987	1998	rVB2	130671	264039	12.28%	1.891%
34	13.773	2008	2015	2022	rBV2	44959	82396	3.83%	0.590%
35	14.079	2064	2067	2076	rVB5	16240	25929	1.21%	0.186%

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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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Title : SW846 8260

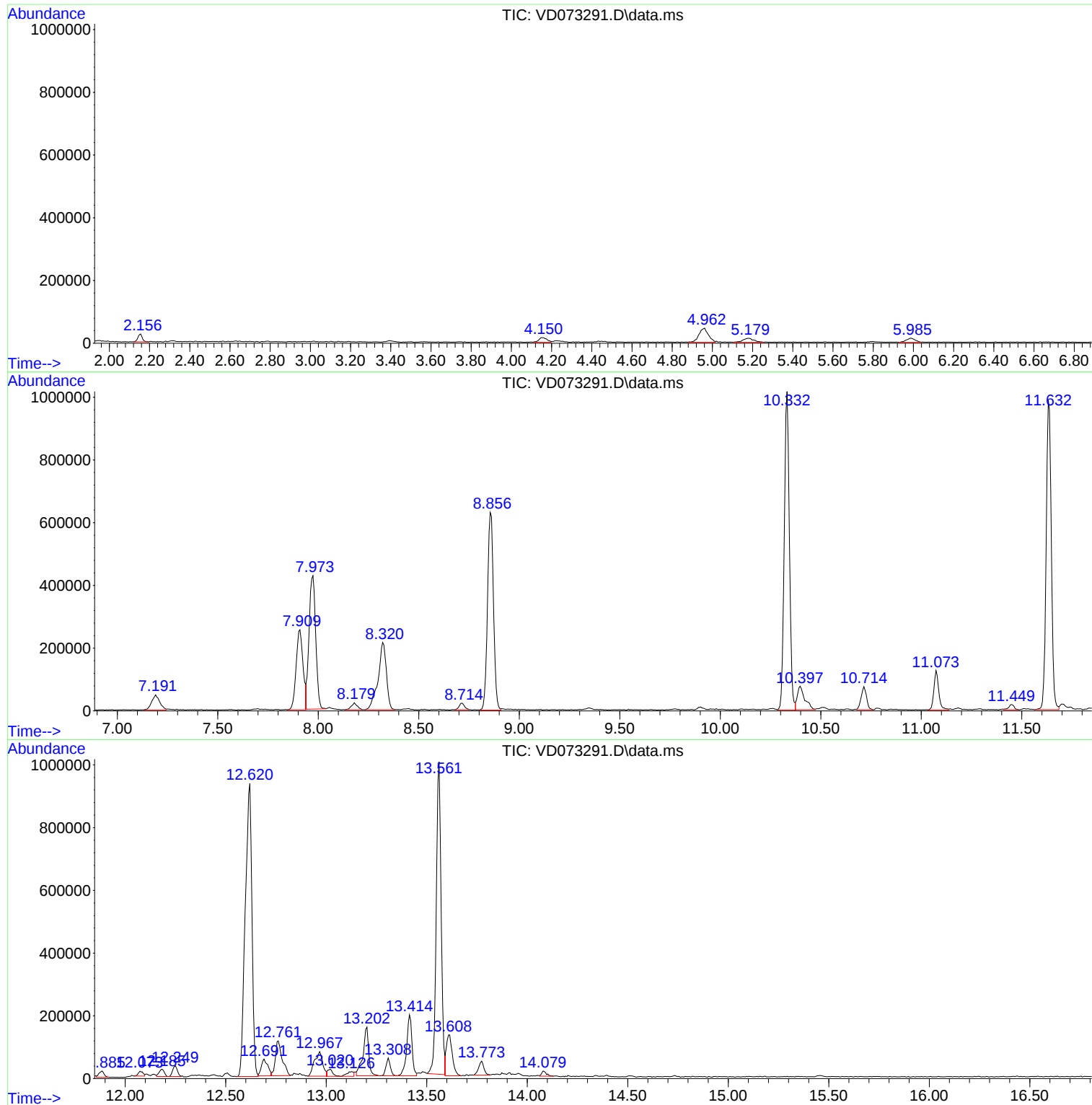
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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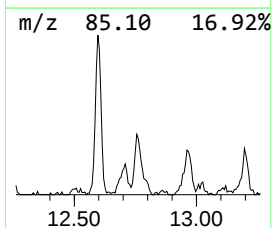
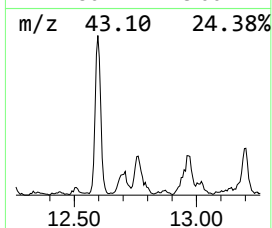
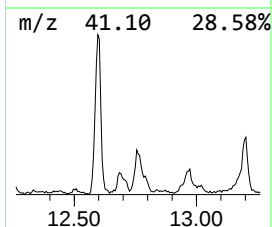
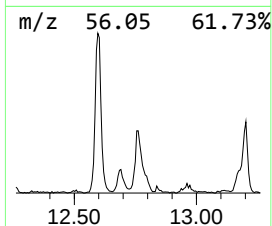
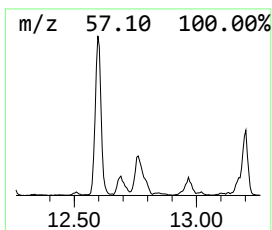
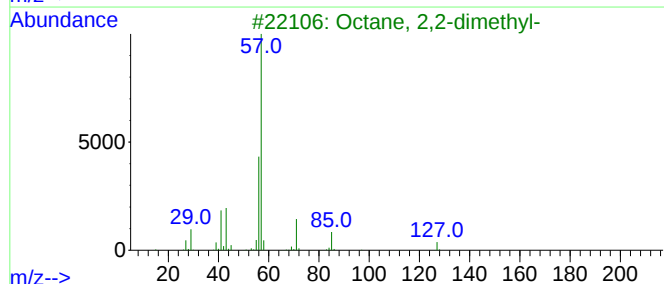
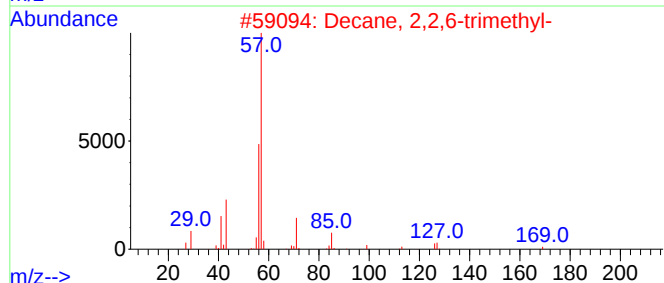
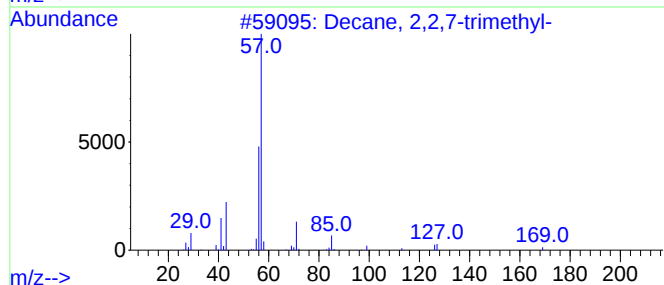
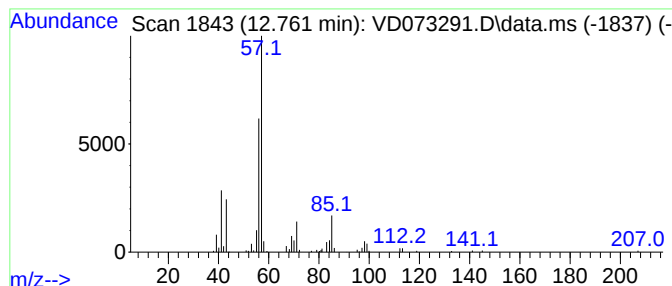
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 2,2,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.761	7.66 ug/l	258668	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
3			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50



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Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0006-01

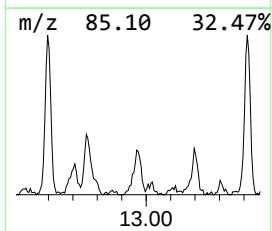
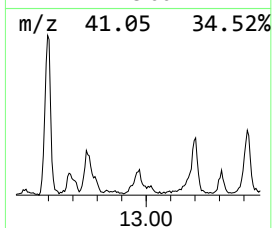
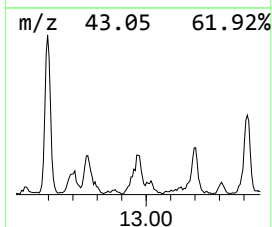
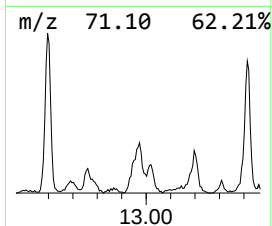
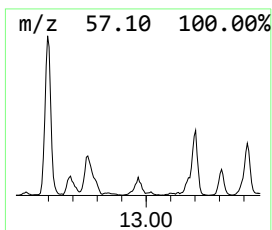
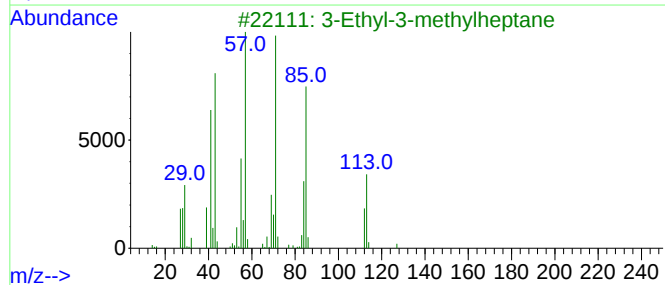
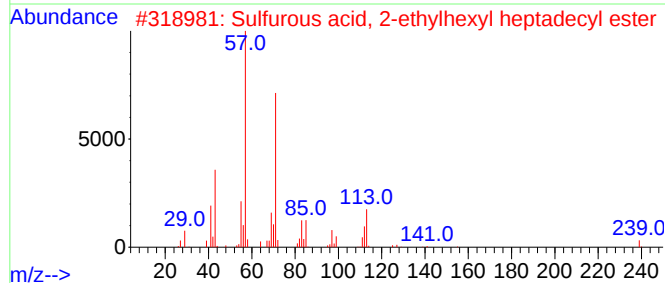
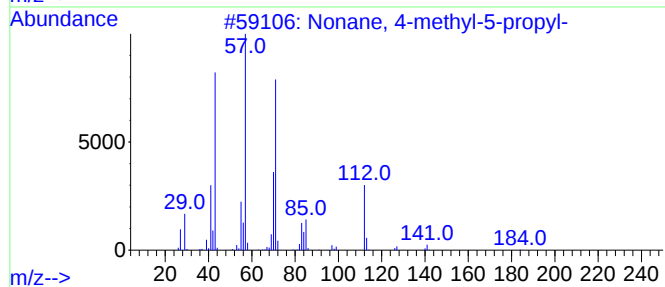
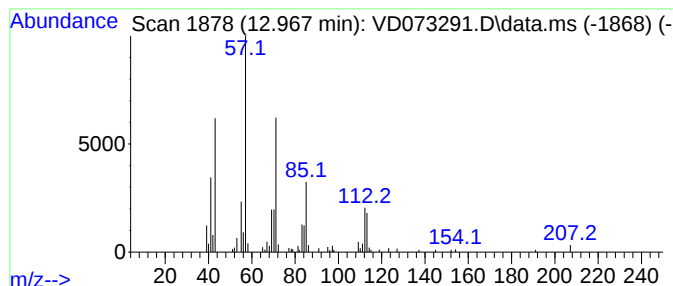
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 5 Nonane, 4-methyl-5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	6.61 ug/l	222901	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	50
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
3			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	47
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	47



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Instrument :
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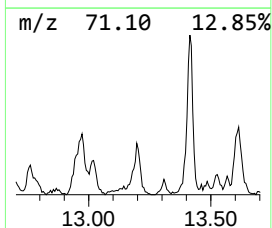
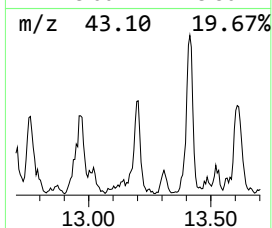
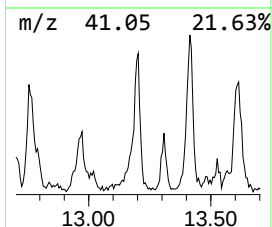
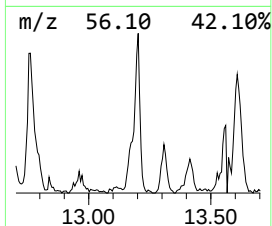
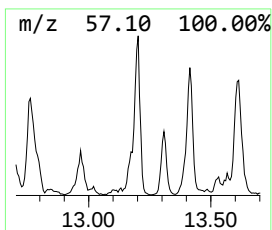
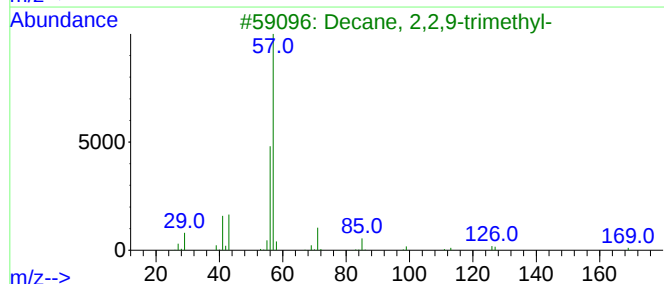
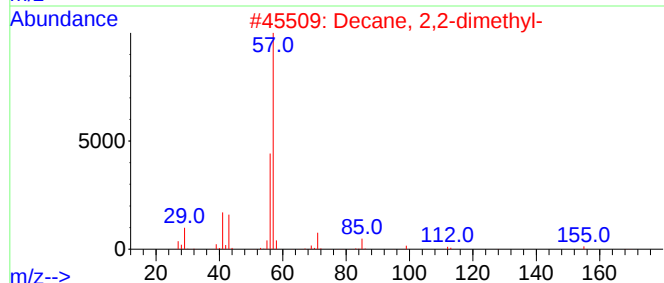
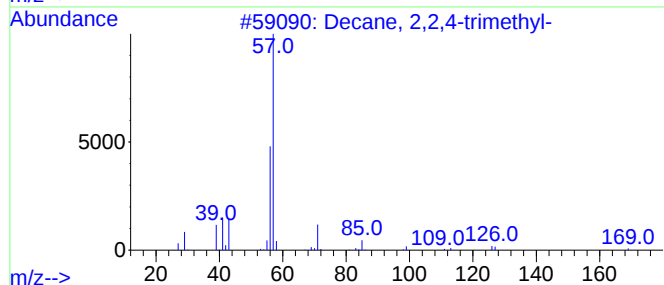
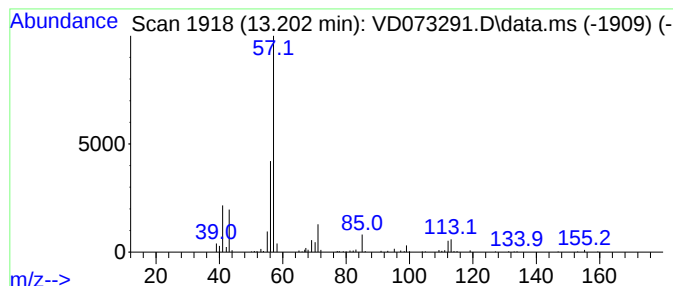
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 6 Decane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.202	9.16 ug/l	309062	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72
2			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	72
3			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
4			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64



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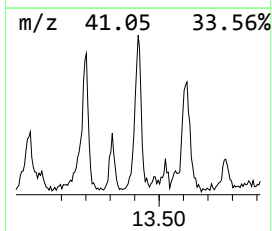
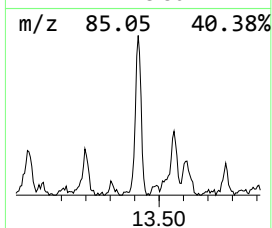
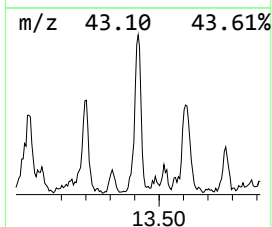
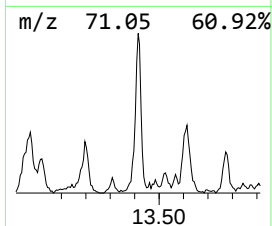
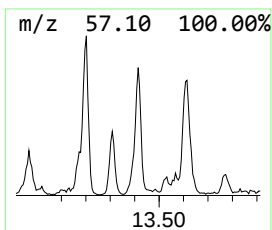
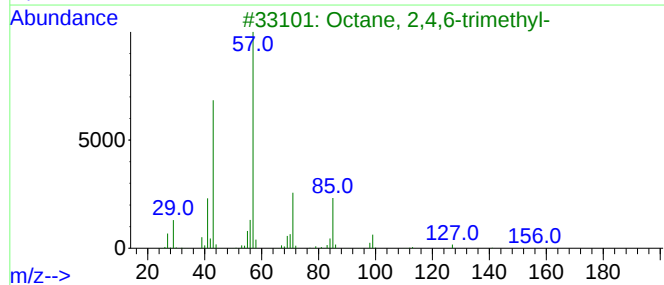
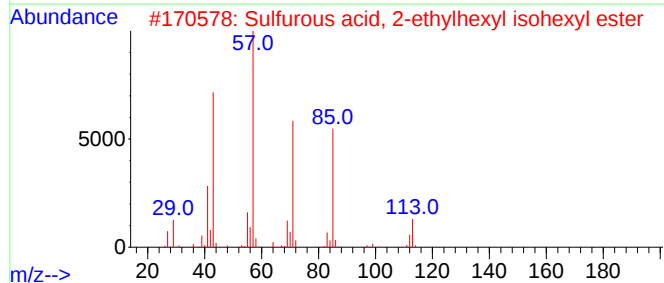
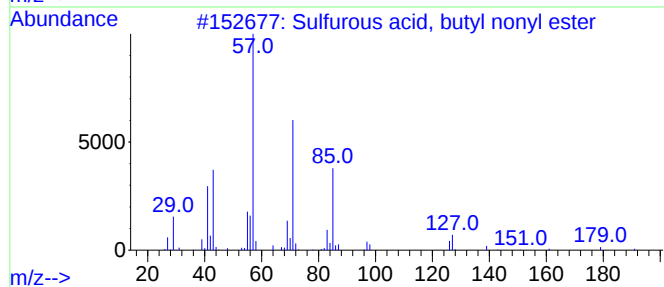
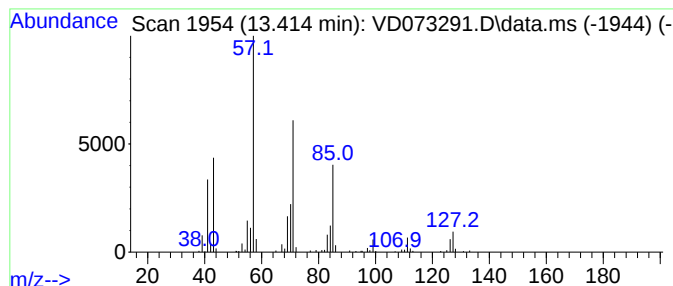
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Quant Title : SW846 8260

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

Peak Number 7 Sulfurous acid, butyl nonyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	10.53 ug/l	355253	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4			4,4-Dimethyl octane	142	C10H22	015869-95-1	43
5			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	38



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane, 2,2,7-t...	12.761	7.7	ug/l	258668	4	13.561	1687330	50.0
Nonane, 4-methy...	12.967	6.6	ug/l	222901	4	13.561	1687330	50.0
Decane, 2,2,4-t...	13.202	9.2	ug/l	309062	4	13.561	1687330	50.0
Sulfurous acid,...	13.414	10.5	ug/l	355253	4	13.561	1687330	50.0