

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073310.D
 Acq On : 24 May 2022 05:19
 Operator : VA/SY
 Sample : N2949-12
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01

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: VD073310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.956	506	516	529	rBV4	25244	88156	4.30%	0.685%
2	5.173	546	553	555	rBV4	15397	31584	1.54%	0.245%
3	5.991	683	692	702	rBV5	10834	32842	1.60%	0.255%
4	7.191	886	896	907	rBV2	42940	113943	5.56%	0.885%
5	7.908	1007	1018	1023	rBV	248307	567670	27.70%	4.408%
6	7.973	1023	1029	1040	rVB	388834	865059	42.21%	6.718%
7	8.291	1072	1083	1085	rBV	236997	535163	26.12%	4.156%
8	8.855	1171	1179	1188	rBV	583410	1187629	57.95%	9.223%
9	10.332	1422	1430	1439	rBV	935806	1664185	81.21%	12.924%
10	10.414	1439	1444	1446	rBV5	21948	37980	1.85%	0.295%
11	10.714	1488	1495	1502	rVB2	62279	112897	5.51%	0.877%
12	11.073	1550	1556	1568	rBV	51983	89118	4.35%	0.692%
13	11.449	1615	1620	1626	rVB3	21186	33753	1.65%	0.262%
14	11.638	1642	1652	1660	rBV	929101	1623677	79.23%	12.609%
15	11.879	1689	1693	1699	rVB3	16732	27310	1.33%	0.212%
16	12.079	1721	1727	1731	rBV4	12680	26388	1.29%	0.205%
17	12.185	1741	1745	1750	rVB2	17913	27391	1.34%	0.213%
18	12.249	1750	1756	1760	rBV2	27048	43642	2.13%	0.339%
19	12.620	1808	1819	1826	rVV2	925742	2049227	100.00%	15.914%
20	12.690	1826	1831	1837	rVV3	42853	104642	5.11%	0.813%
21	12.767	1837	1844	1854	rVB2	103125	261159	12.74%	2.028%
22	12.973	1867	1879	1883	rBV3	78623	189750	9.26%	1.474%
23	13.014	1883	1886	1895	rVB4	25414	44701	2.18%	0.347%
24	13.120	1895	1904	1908	rBV8	18386	48170	2.35%	0.374%
25	13.202	1908	1918	1929	rVB	177664	366275	17.87%	2.844%
26	13.308	1930	1936	1943	rBV	61210	97313	4.75%	0.756%
27	13.414	1944	1954	1962	rBV	218132	399170	19.48%	3.100%
28	13.561	1969	1979	1984	rBV	1019283	1698714	82.90%	13.192%
29	13.608	1984	1987	1998	rVB	173549	355062	17.33%	2.757%
30	13.773	2008	2015	2023	rBV3	55701	101087	4.93%	0.785%
31	13.955	2041	2046	2051	rVB7	11353	23607	1.15%	0.183%
32	14.085	2062	2068	2072	rBV5	13854	29730	1.45%	0.231%

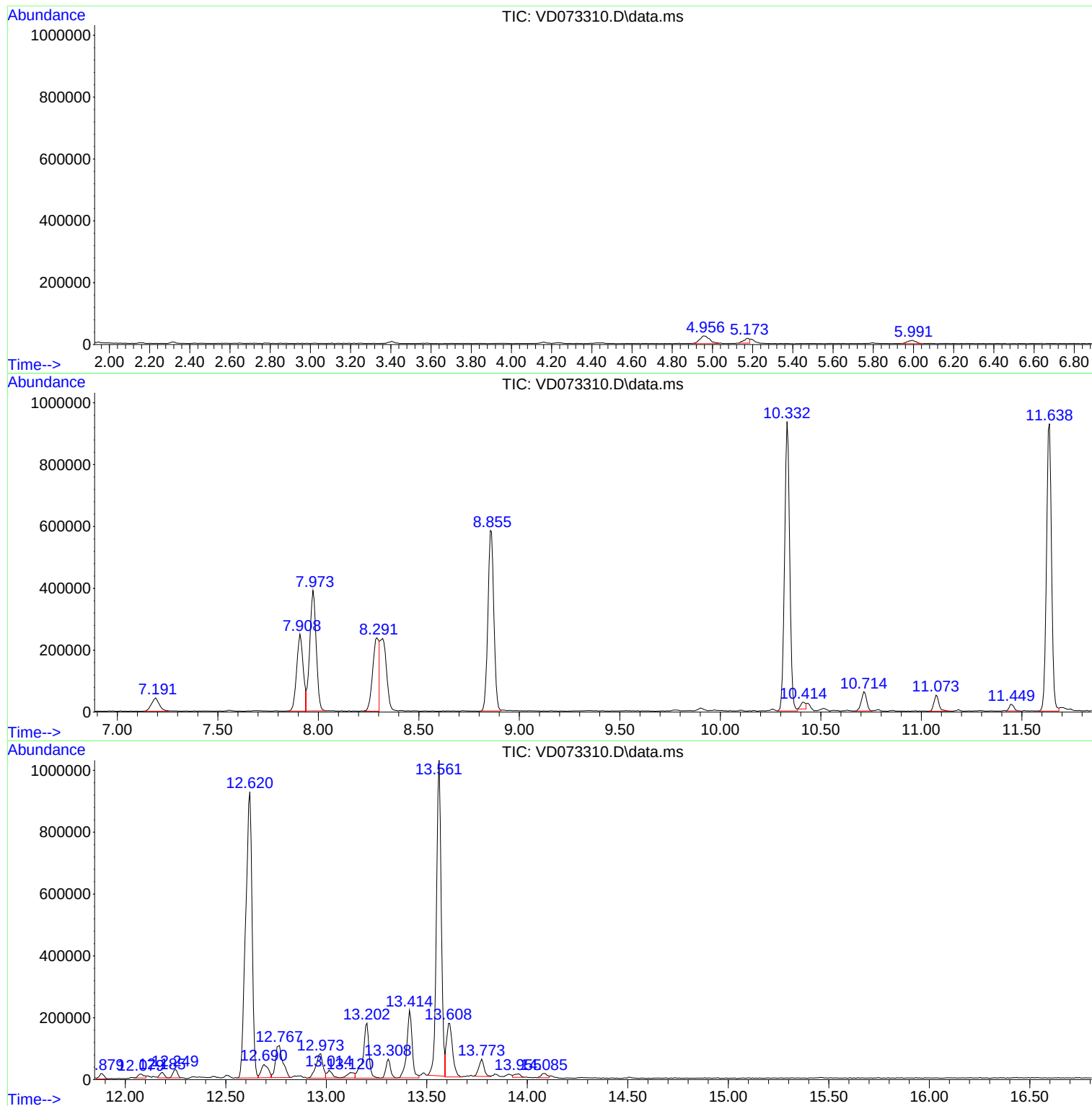
Sum of corrected areas: 12876994

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ClientSampleId :
P044-SS001-0612-01

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



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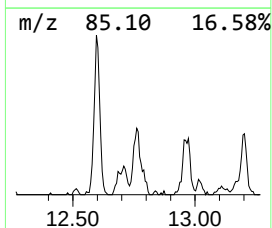
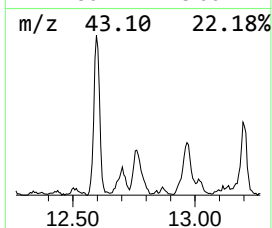
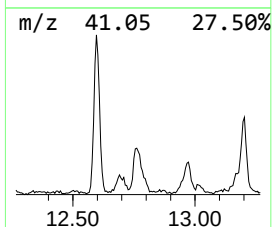
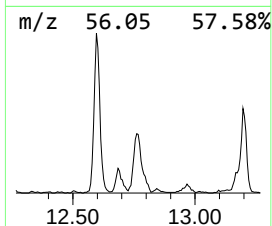
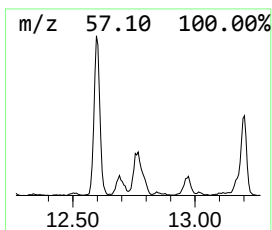
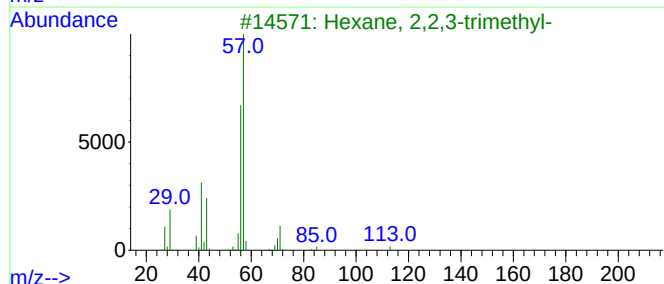
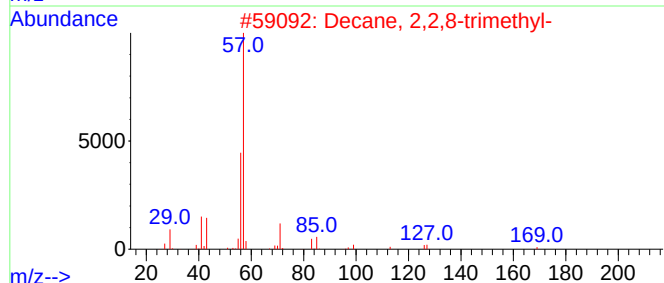
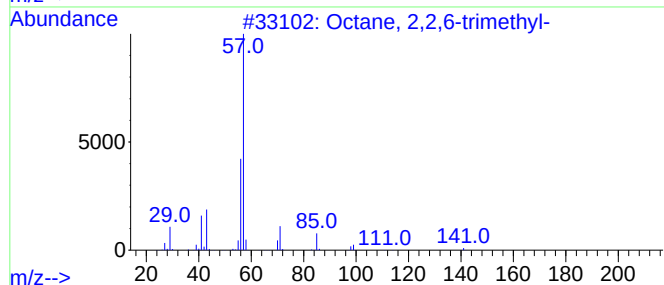
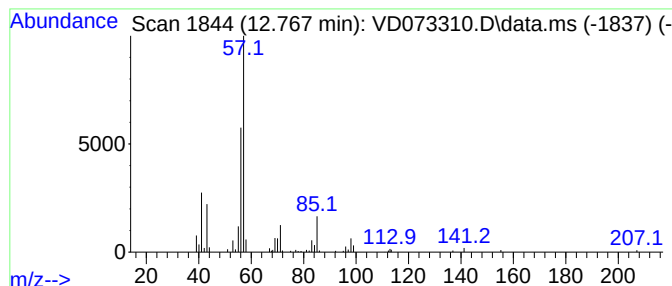
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 2,2,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.767	7.69 ug/l	261159	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	50



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Instrument :
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ClientSampleId :
P044-SS001-0612-01

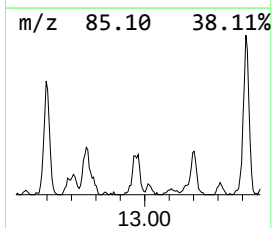
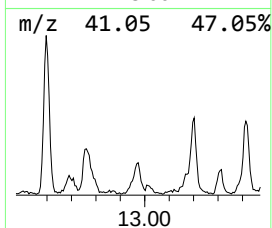
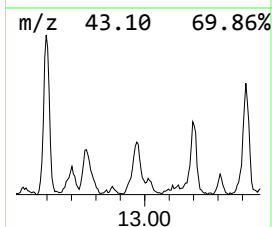
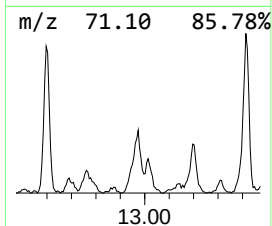
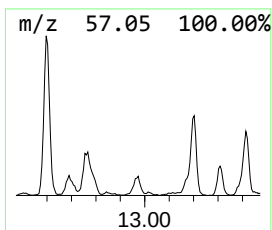
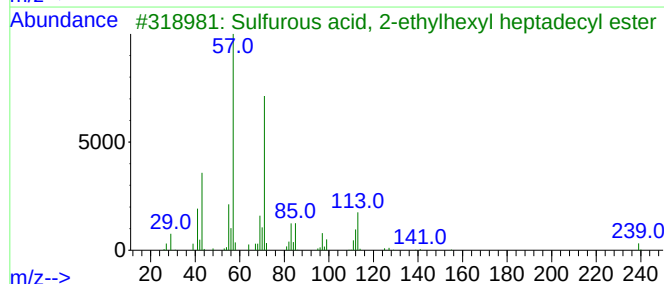
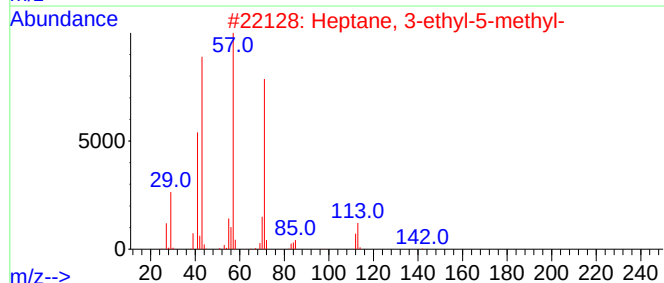
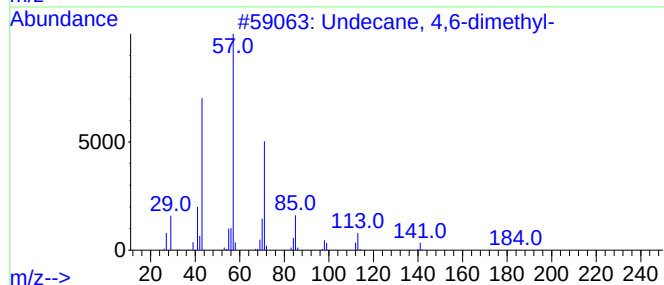
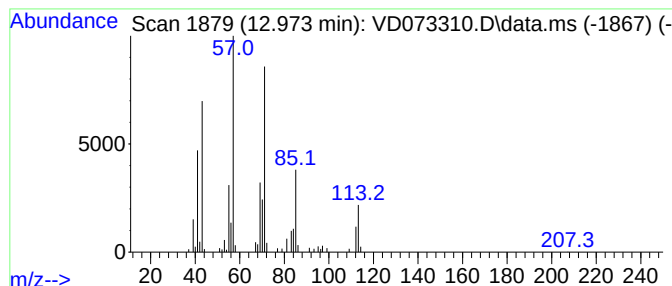
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	5.59 ug/l	189750	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
2			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
4			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
5			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53



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ALS Vial : 42 Sample Multiplier: 1

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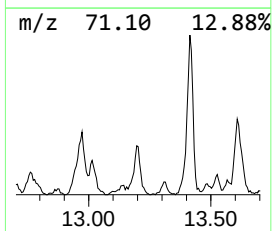
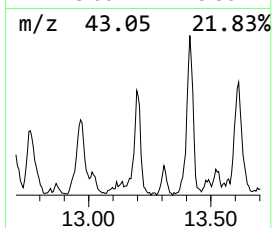
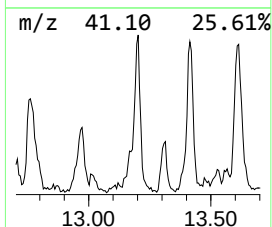
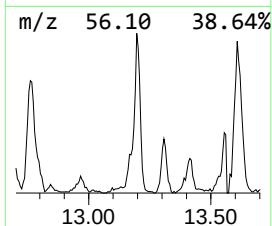
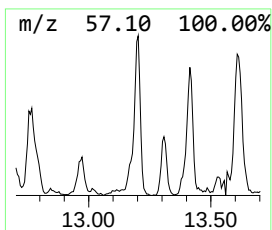
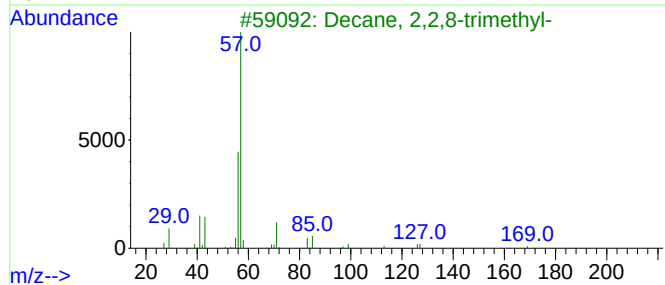
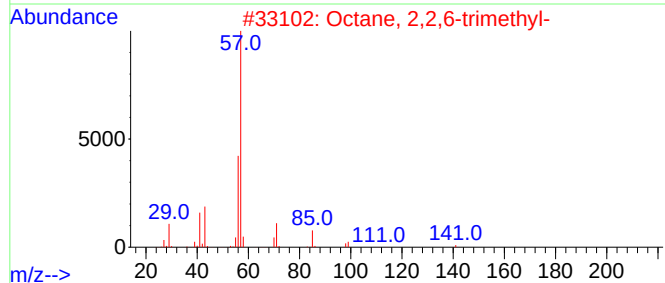
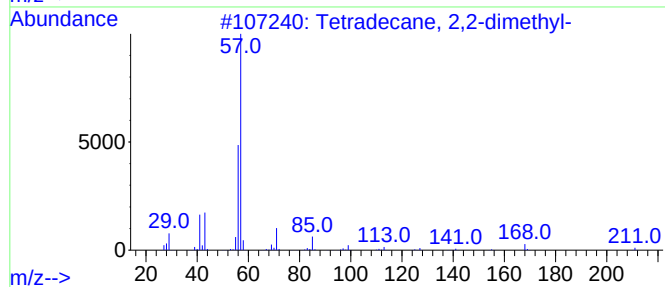
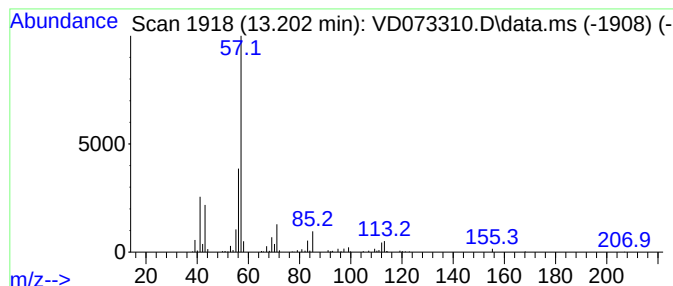
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 5 Tetradecane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.202	10.78 ug/l	366275	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01

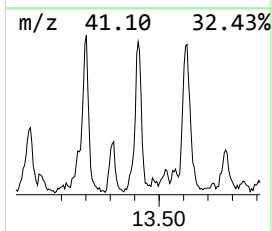
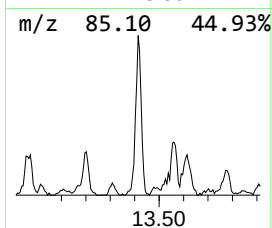
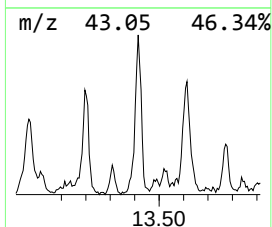
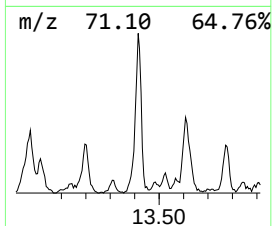
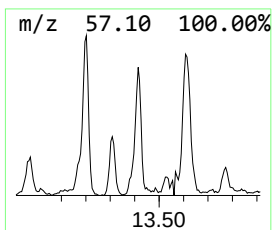
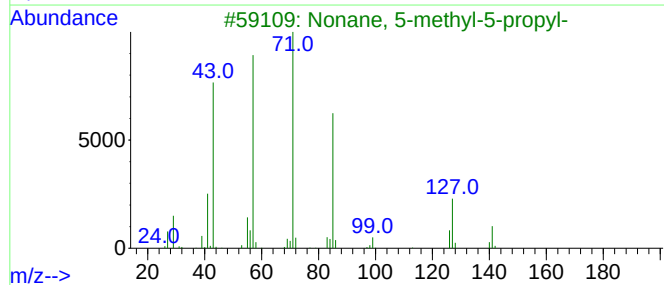
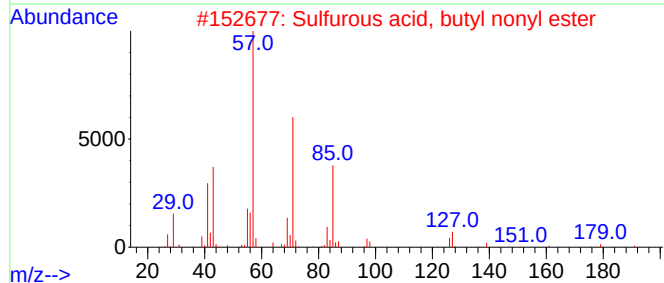
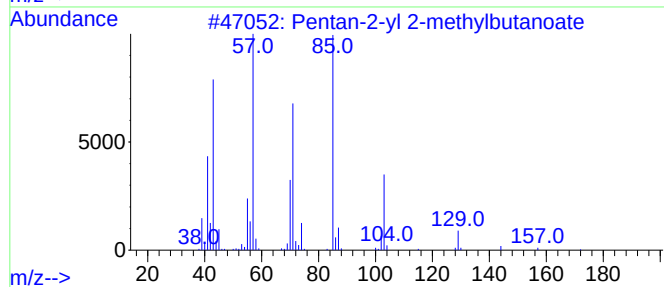
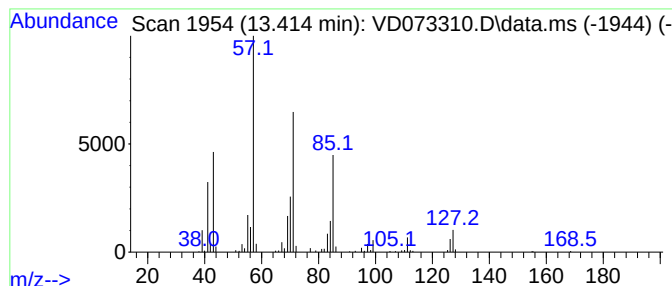
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Quant Title : SW846 8260

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

Peak Number 6 Pentan-2-yl 2-methylbutanoate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	11.75 ug/l	399170	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
3			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47



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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
Octane, 2,2,6-t...	12.767	7.7	ug/l	261159	4	13.561	1698710	50.0
Undecane, 4,6-d...	12.973	5.6	ug/l	189750	4	13.561	1698710	50.0
Tetradecane, 2,...	13.202	10.8	ug/l	366275	4	13.561	1698710	50.0
Pentan-2-yl 2-m...	13.414	11.8	ug/l	399170	4	13.561	1698710	50.0