LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
Data File : VY004387.D
Acq On : 12 Apr 2021 16:26
Operator : SY/MD
Sample : M1998-06
Misc : 3.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-4B

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\82Y041221S.M
Title : SW846 8260

Signal : TIC: VY004387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.393	88	94	104	rBV	82532	145127	13.40%	1.806%
2	2.588	116	126	127	rBV5	8384	27141	2.51%	0.338%
3	2.613	127	130	175	rVB	100070	482124	44.51%	5.998%
4	3.960	341	351	358	rBV	71423	189641	17.51%	2.359%
5	4.046	358	365	382	rVB	62015	175193	16.17%	2.180%
6	4.210	382	392	410	rBV2	26008	120417	11.12%	1.498%
7	4.728	468	477	492	rVB2	8075	25907	2.39%	0.322%
8	5.606	610	621	632	rVB3	4421	15190	1.40%	0.189%
9	6.716	794	803	813	rBV5	3804	11542	1.07%	0.144%
10	7.002	840	850	860	rBV2	19964	53244	4.92%	0.662%
11	7.728	960	969	975	rBV	130320	310109	28.63%	3.858%
12	7.801	975	981	990	rVB	242423	536495	49.53%	6.675%
13	8.148	1027	1038	1052	rBV	146240	335204	30.95%	4.170%
14	8.331	1052	1068	1074	rVV2	13271	36476	3.37%	0.454%
15	8.405	1074	1080	1088	rVB	15895	35047	3.24%	0.436%
16	8.563	1096	1106	1118	rVB6	9960	27192	2.51%	0.338%
17	8.697	1118	1128	1137	rBV	385857	757261	69.91%	9.422%
18	8.935	1158	1167	1175	rBV2	7478	17991	1.66%	0.224%
19	9.148	1194	1202	1204	rBV2	8216	14823	1.37%	0.184%
20	9.191	1205	1209	1214	rVV4	9485	19287	1.78%	0.240%
21	9.264	1214	1221	1230	rVV6	4735	14902	1.38%	0.185%
22	9.618	1272	1279	1291	rVB2	11597	24574	2.27%	0.306%
23	9.758	1294	1302	1308	rBV4	19554	41805	3.86%	0.520%
24	10.075	1349	1354	1357	rBV2	9349	16197	1.50%	0.202%
25	10.118	1357	1361	1365	rVB	16743	25655	2.37%	0.319%
26	10.185	1365	1372	1380	rBV	635111	1083185	100.00%	13.477%
27	10.807	1469	1474	1477	rBV4	8815	15240	1.41%	0.190%
28	10.941	1492	1496	1500	rVB3	10064	15119	1.40%	0.188%
29	11.093	1516	1521	1526	rVB3	10050	18221	1.68%	0.227%
30	11.270	1544	1550	1566	rVB7	13474	39340	3.63%	0.489%
31	11.495	1580	1587	1595	rBV	579046	935039	86.32%	11.633%
32	11.691	1613	1619	1624	rBV3	9878	23811	2.20%	0.296%
33	11.745	1624	1628	1631	rVB5	6879	11736	1.08%	0.146%
34	12.008	1663	1671	1678	rBV6	12564	42300	3.91%	0.526%
35	12.123	1682	1690	1695	rVB3	19183	46385	4.28%	0.577%
36	12.203	1698	1703	1706	rBV5	18833	34233	3.16%	0.426%

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

37	12.483	1742	1749	1756	rVB	452848	732942	67.67%	9.119%
38	12.581	1760	1765	1768	rBV6	6898	11476	1.06%	0.143%
39	12.642	1770	1775	1782	rVB7	16255	39541	3.65%	0.492%
40	12.733	1783	1790	1794	rBV8	13788	34710	3.20%	0.432%
41	12.812	1799	1803	1806	rBV5	14283	25473	2.35%	0.317%
42	12.934	1817	1823	1829	rBV	70323	121665	11.23%	1.514%
43	13.001	1829	1834	1838	rVV	87476	135314	12.49%	1.684%
44	13.044	1838	1841	1843	rVV2	19678	27033	2.50%	0.336%
45	13.068	1843	1845	1850	rVV4	19930	30674	2.83%	0.382%
46	13.129	1850	1855	1859	rVV7	20448	45015	4.16%	0.560%
47	13.172	1859	1862	1869	rVB2	20551	34644	3.20%	0.431%
48	13.288	1876	1881	1886	rVV	40699	63245	5.84%	0.787%
49	13.355	1889	1892	1897	rVB6	9031	14032	1.30%	0.175%
50	13.428	1898	1904	1910	rVV	529602	829610	76.59%	10.322%
51	13.477	1910	1912	1922	rVB	34821	68886	6.36%	0.857%
52	13.568	1923	1927	1931	rBV5	9947	14684	1.36%	0.183%
53	13.745	1953	1956	1961	rVB6	13433	20479	1.89%	0.255%
54	14.080	2007	2011	2013	rBV3	10369	16032	1.48%	0.199%
55	14.257	2037	2040	2045	rBV5	12304	21001	1.94%	0.261%
56	15.611	2258	2262	2266	rVB7	8651	15749	1.45%	0.196%
57	15.848	2295	2301	2305	rBV6	5281	12173	1.12%	0.151%

Sum of corrected areas: 8037531

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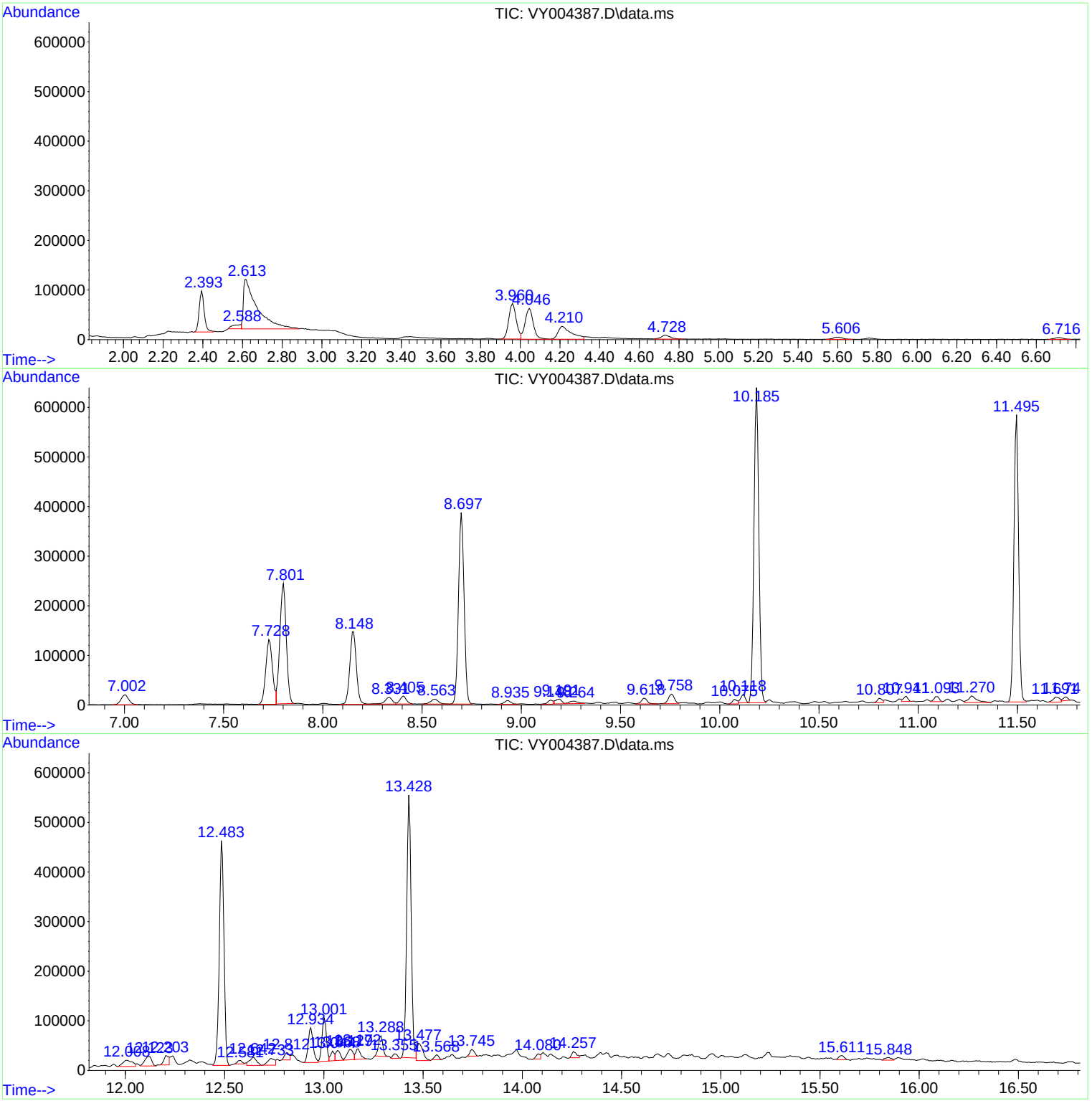
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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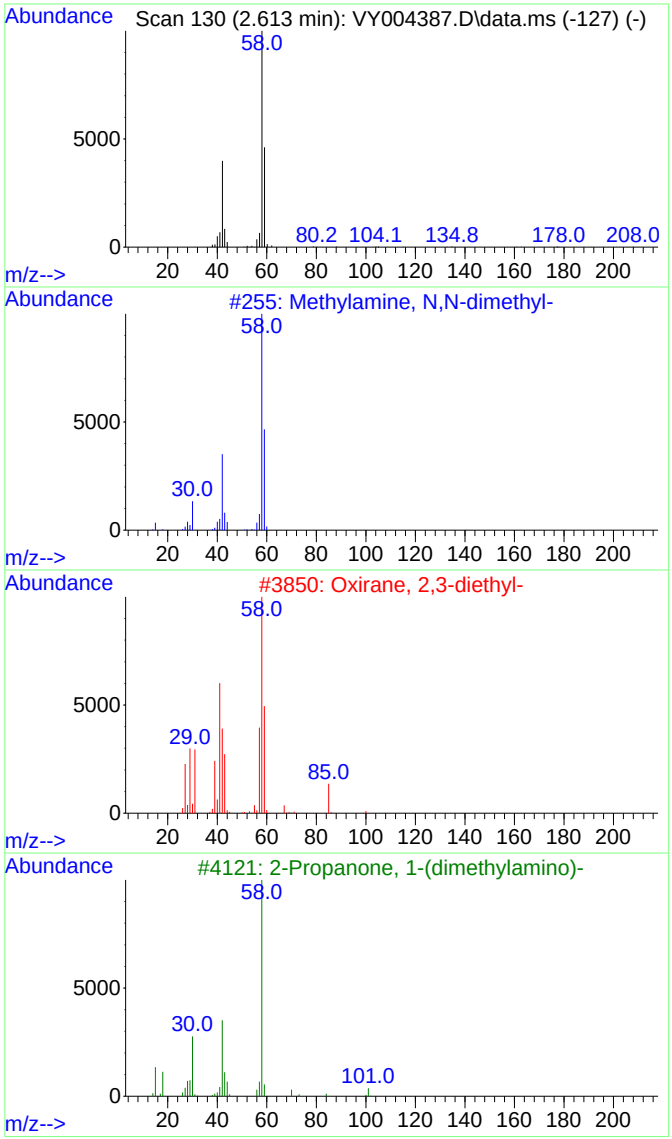
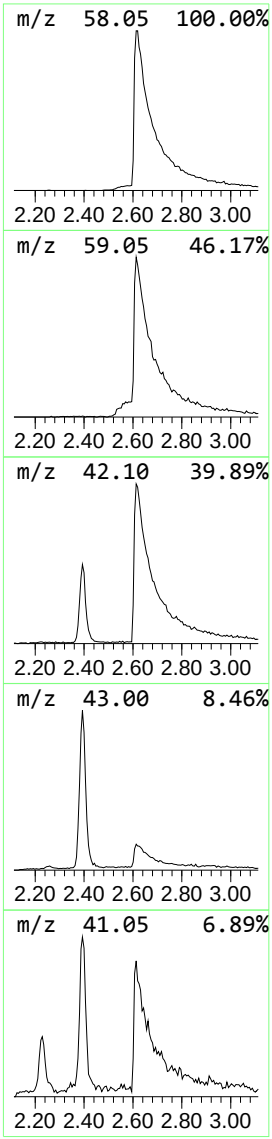
****
Peak Number 2 Methylamine, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.613	44.93 ug/l	482124	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	90
2	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	43
3	2-Propanone, 1-(dimethylamino)-	101	C5H11NO	015364-56-4	9
4	2-Propanamine, N-methyl-	73	C4H11N	004747-21-1	9
5	Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	5





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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-4B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

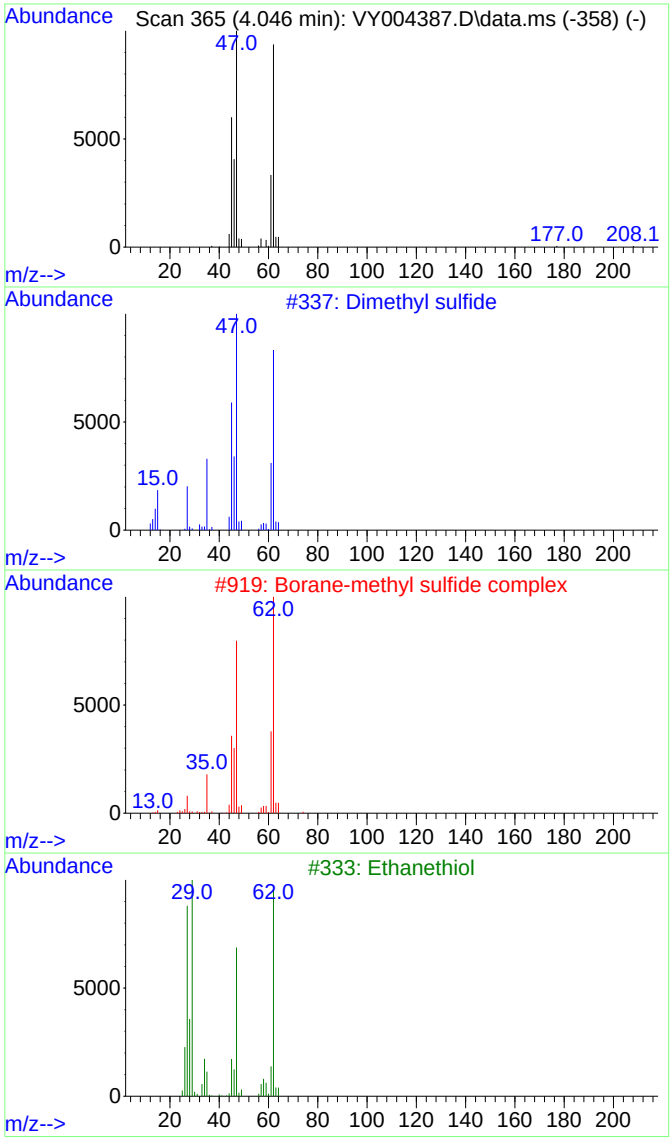
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

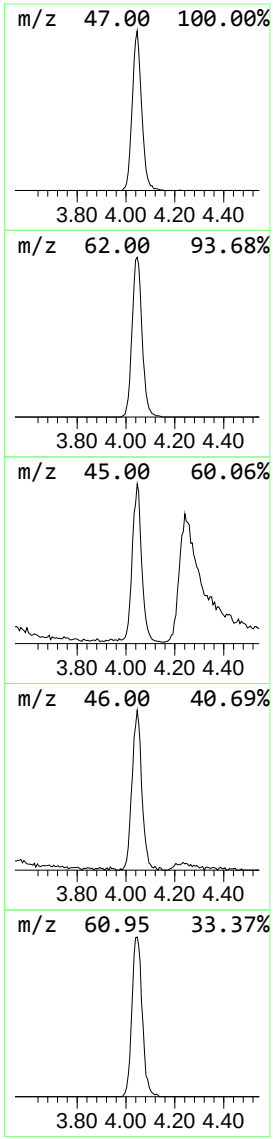
****

Peak Number 3 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.046	16.33 ug/l	175193	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83
3	Ethanethiol	62	C2H6S	000075-08-1	72
4	Acetic acid, mercapto-, methyl e...	106	C3H6O2S	002365-48-2	22
5	Acetic acid, 2,2'-thiobis-	150	C4H6O4S	000123-93-3	12





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MSVOA_Y
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Quant Title : SW846 8260

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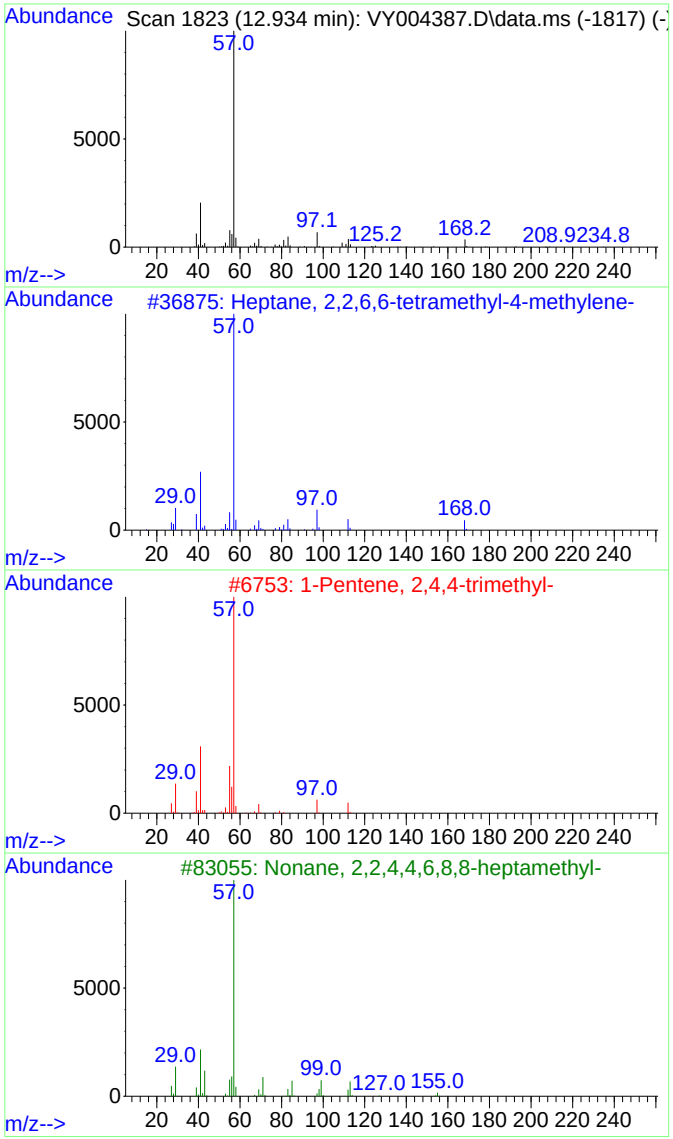
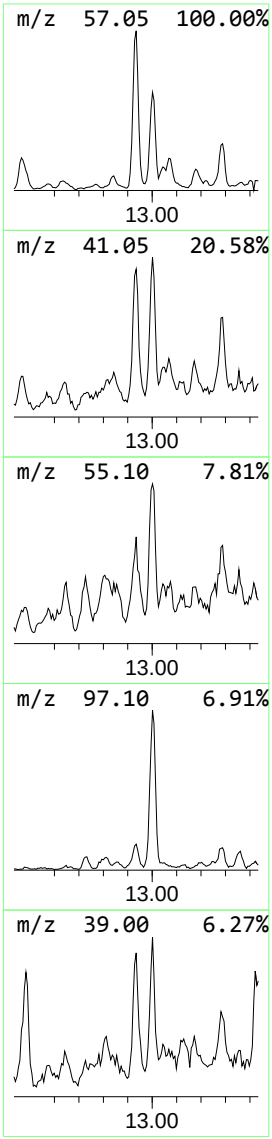
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 2,2,6,6-tetramethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	7.33 ug/l	121665	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	90
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	36
4	4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	33
5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	33





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Instrument : MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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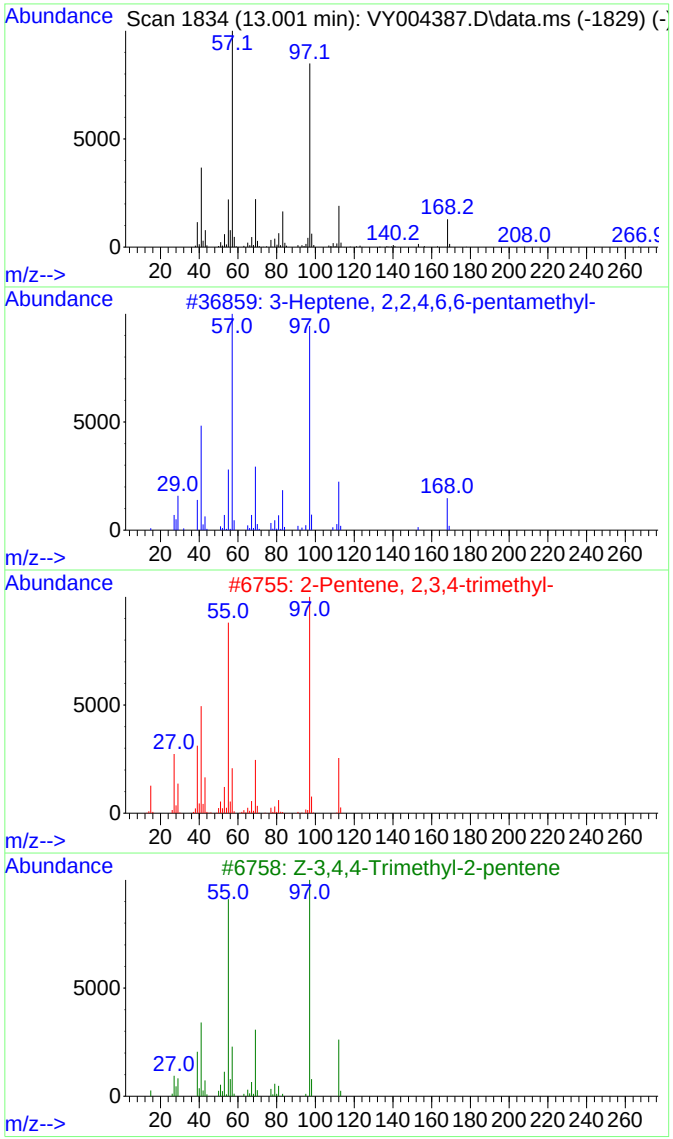
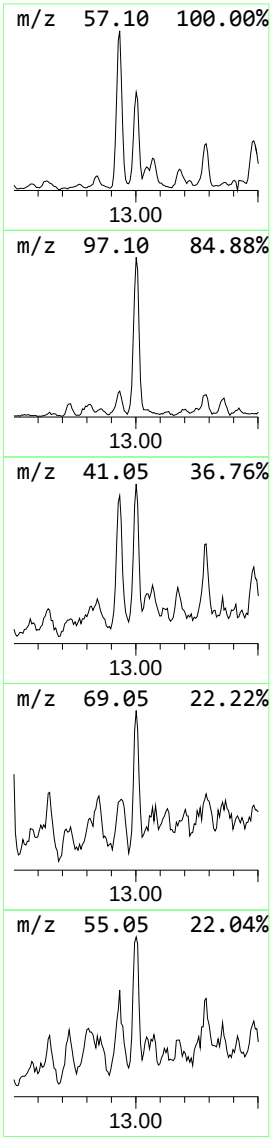
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	8.16 ug/l	135314	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	93
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	62
4	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	59
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methylamine, N,...	2.613	44.9	ug/l	482124	1	7.801	536495	50.0
Dimethyl sulfide	4.046	16.3	ug/l	175193	1	7.801	536495	50.0
Heptane, 2,2,6,...	12.934	7.3	ug/l	121665	4	13.428	829610	50.0
3-Heptene, 2,2,...	13.001	8.2	ug/l	135314	4	13.428	829610	50.0