LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

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\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	66	rBV	719774	1311221	87.08%	11.064%
2	2.147	67	70	80	rVB	24770	47273	3.14%	0.399%
3	2.348	94	103	110	rBV3	10903	43243	2.87%	0.365%
4	2.489	110	126	127	rBV4	29176	108845	7.23%	0.918%
5	2.531	130	133	138	rVV3	21695	38456	2.55%	0.324%
6	3.830	340	346	347	rBV2	15296	25315	1.68%	0.214%
7	4.525	452	460	466	rBV8	25236	91325	6.06%	0.771%
8	6.378	753	764	800	rVB2	317123	1505794	100.00%	12.705%
9	7.628	958	969	971	rBV2	70663	184070	12.22%	1.553%
10	7.683	972	978	987	rVB	236939	610004	40.51%	5.147%
11	8.055	1030	1039	1055	rBV2	80507	278613	18.50%	2.351%
12	8.213	1059	1065	1079	rVB7	20087	75222	5.00%	0.635%
13	8.603	1120	1129	1142	rBV	249494	800006	53.13%	6.750%
14	8.719	1143	1148	1178	rVB2	59478	301917	20.05%	2.547%
15	9.091	1199	1209	1214	rBV7	7289	18030	1.20%	0.152%
16	9.530	1272	1281	1286	rBV4	7886	18345	1.22%	0.155%
17	9.658	1297	1302	1310	rVB3	9525	19282	1.28%	0.163%
18	10.103	1367	1375	1381	rBV	435665	1026662	68.18%	8.663%
19	10.164	1381	1385	1399	rVB2	211857	614751	40.83%	5.187%
20	10.512	1435	1442	1457	rVB	21781	65818	4.37%	0.555%
21	10.640	1457	1463	1472	rBV3	10403	22073	1.47%	0.186%
22	11.194	1551	1554	1558	rVV2	10994	20120	1.34%	0.170%
23	11.243	1559	1562	1568	rVB3	9890	17985	1.19%	0.152%
24	11.426	1582	1592	1603	rBV	356591	1172949	77.90%	9.897%
25	11.524	1603	1608	1619	rVV3	32650	105676	7.02%	0.892%
26	11.633	1619	1626	1642	rVB	144176	405347	26.92%	3.420%
27	11.963	1668	1680	1692	rBV3	55899	155978	10.36%	1.316%
28	12.261	1724	1729	1739	rVB3	21788	44398	2.95%	0.375%
29	12.420	1746	1755	1764	rBV2	454368	925130	61.44%	7.806%
30	12.670	1790	1796	1799	rBV	46937	95200	6.32%	0.803%
31	12.737	1803	1807	1814	rVV2	38328	80848	5.37%	0.682%
32	12.816	1815	1820	1828	rVB	32474	63014	4.18%	0.532%
33	12.901	1828	1834	1841	rBV	20052	36177	2.40%	0.305%
34	13.048	1853	1858	1864	rBV	51399	83896	5.57%	0.708%
35	13.206	1873	1884	1888	rBV2	17059	39193	2.60%	0.331%
36	13.353	1902	1908	1927	rVB	495504	888595	59.01%	7.498%

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Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

37	13.548	1936	1940	1944	rVV	27351	51893	3.45%	0.438%
38	13.590	1944	1947	1956	rVB4	28156	54858	3.64%	0.463%
39	13.676	1956	1961	1965	rBV5	12994	19428	1.29%	0.164%
40	13.810	1978	1983	1985	rBV4	10234	15486	1.03%	0.131%
41	13.889	1990	1996	2003	rVB2	139808	232711	15.45%	1.964%
42	13.999	2010	2014	2020	rVB4	10890	16789	1.11%	0.142%
43	14.133	2030	2036	2041	rBV5	7478	16640	1.11%	0.140%
44	14.261	2053	2057	2060	rVB	12621	18170	1.21%	0.153%
45	14.596	2107	2112	2118	rBV2	12914	26873	1.78%	0.227%
46	15.145	2192	2202	2208	rBV4	6240	15067	1.00%	0.127%
47	15.224	2208	2215	2222	rBV2	12161	24110	1.60%	0.203%
48	15.297	2222	2227	2232	rBV2	11300	18947	1.26%	0.160%

Sum of corrected areas: 11851743

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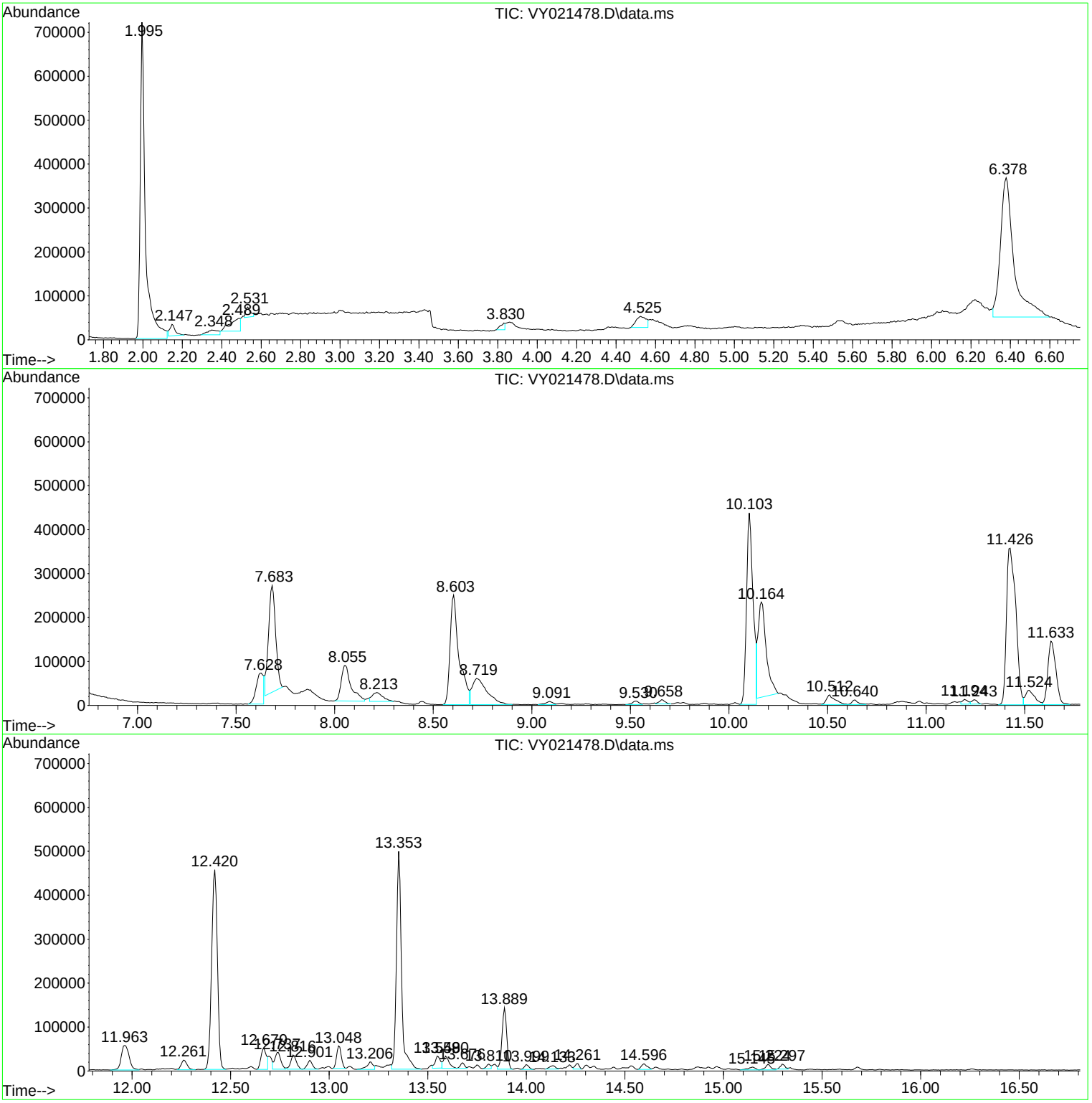
Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
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MSVOA_Y
ClientSampleId :
T2

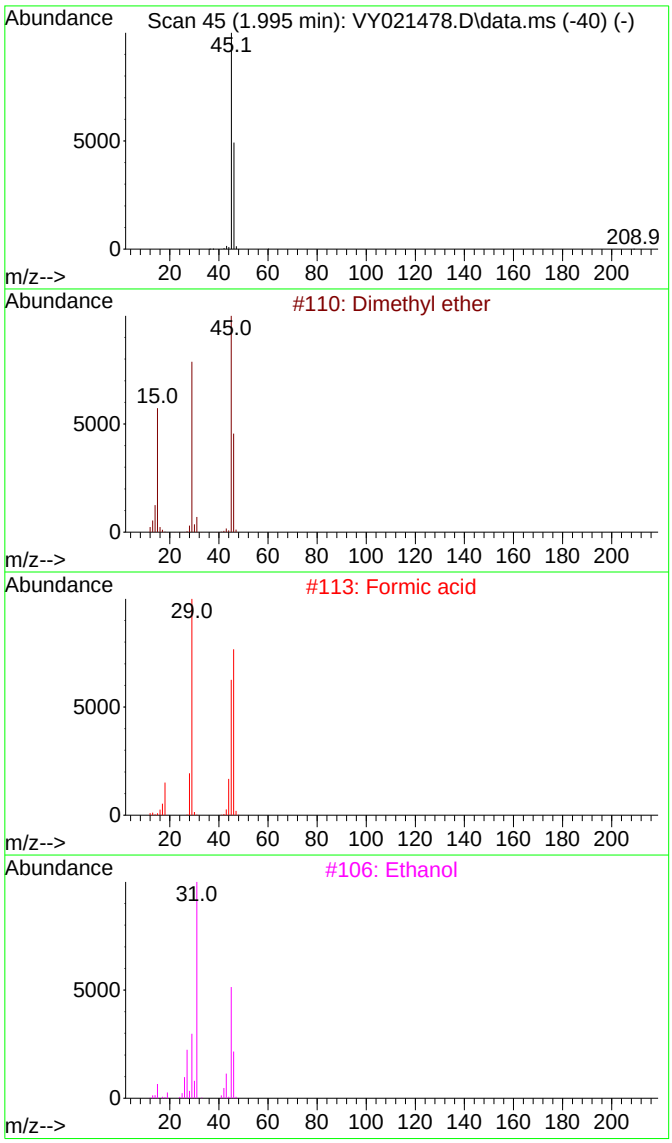
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

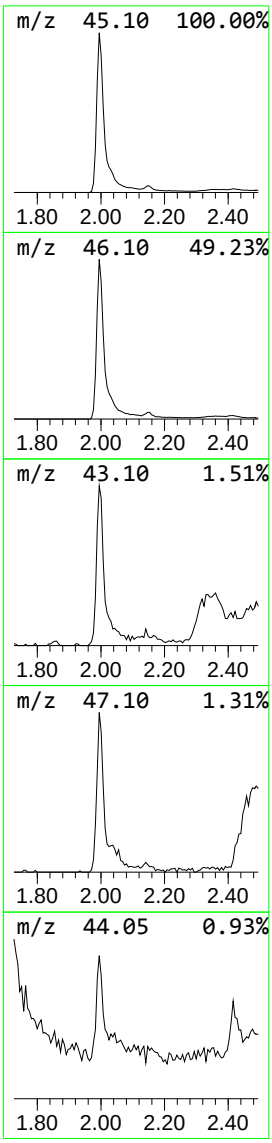
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	107.48 ug/l	1311220	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

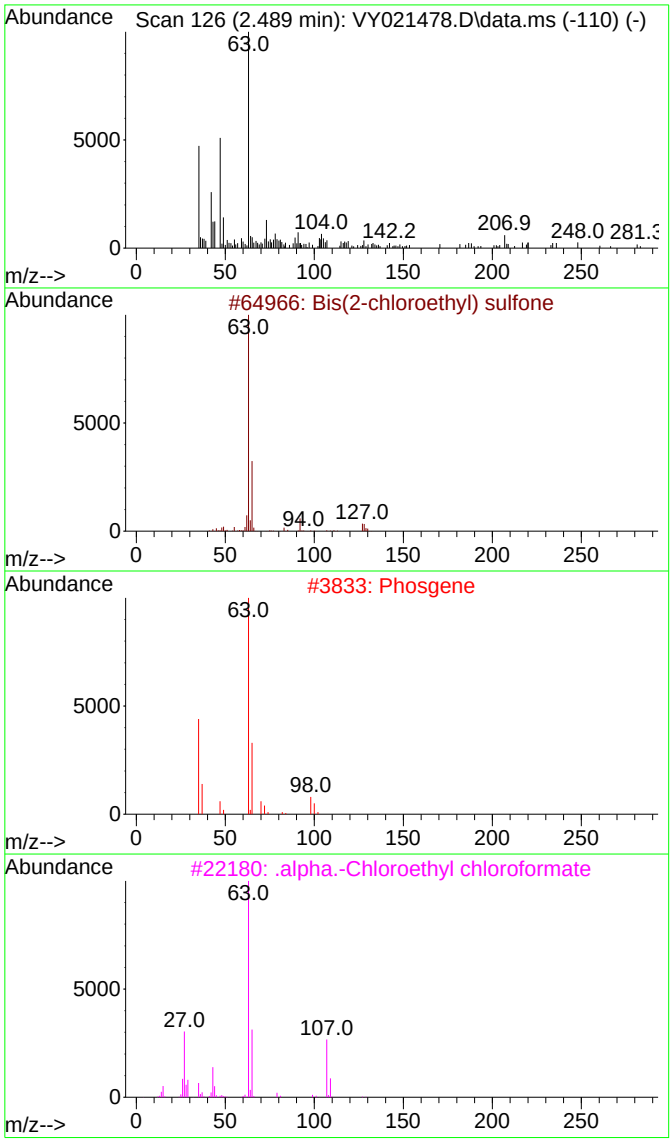
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

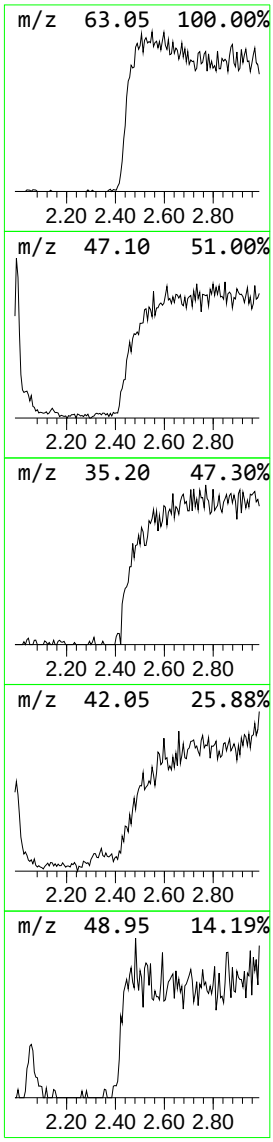
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bis(2-chloroethyl) sulfone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	8.92 ug/l	108845	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	50
2	Phosgene	98	CCl2O	000075-44-5	40
3	.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	25
4	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	9
5	Carmustine	213	C5H9Cl2N3O2	000154-93-8	9





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Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

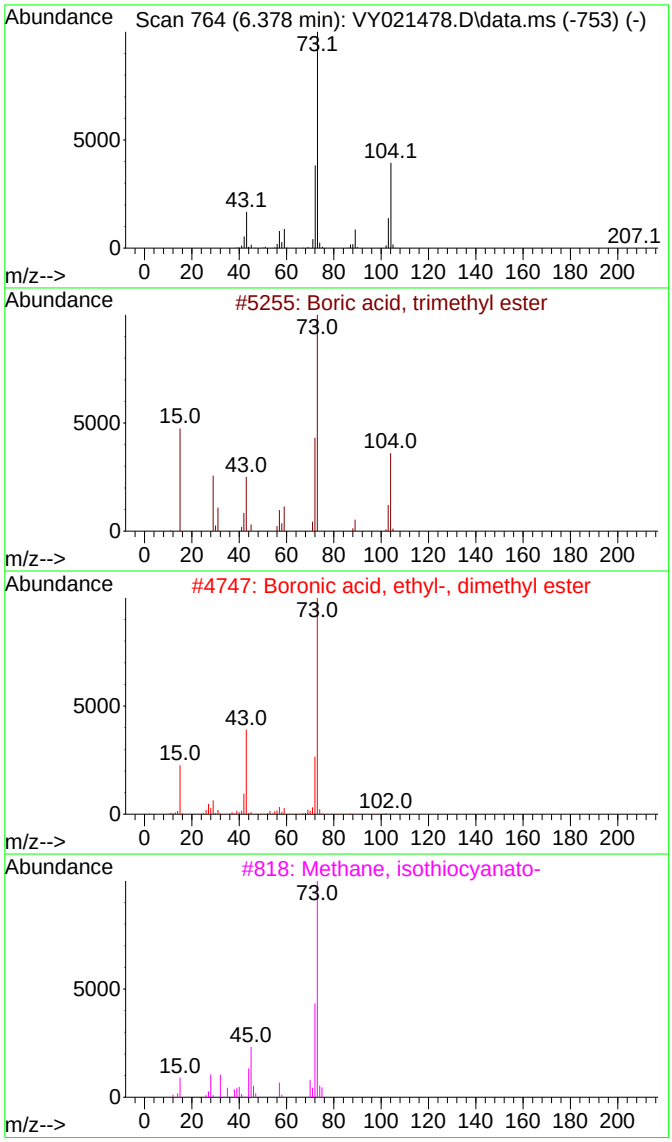
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

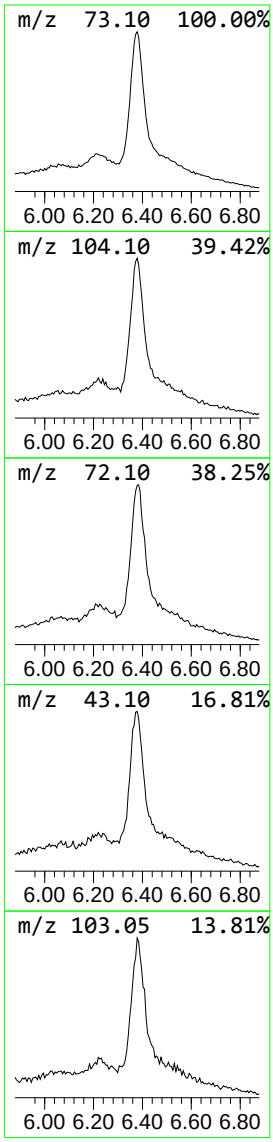
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Boric acid, trimethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	123.43 ug/l	1505790	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	91
2	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	23
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
5	Guanidine, methyl-	73	C2H7N3	000471-29-4	5





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Instrument :
MSVOA_Y
ClientSampleId :
T2

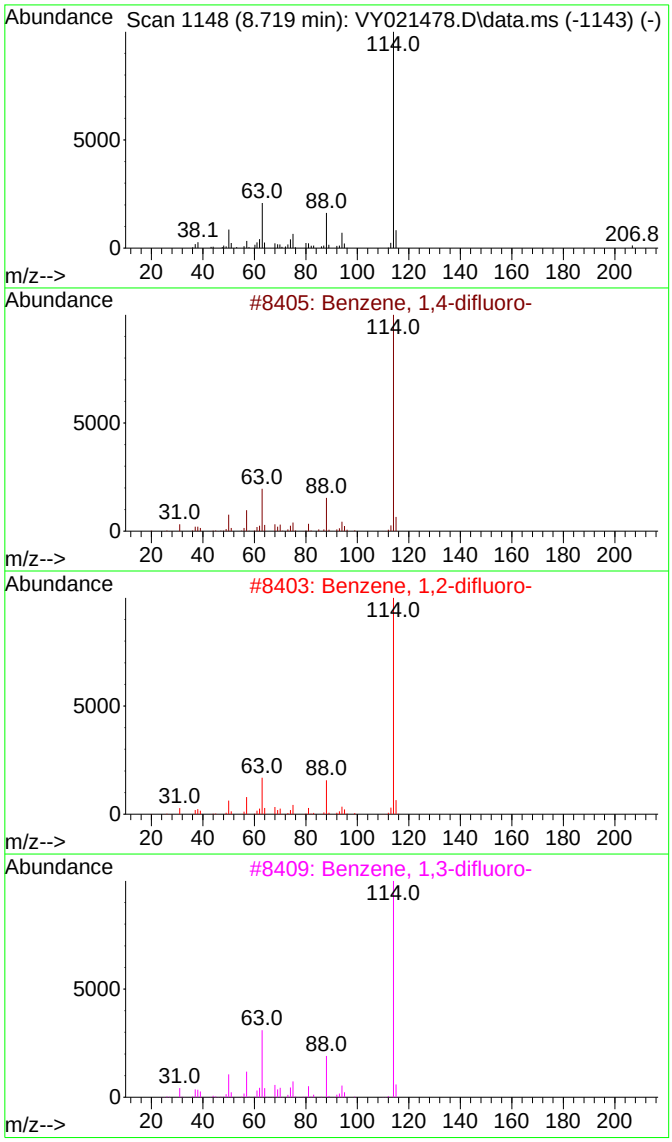
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

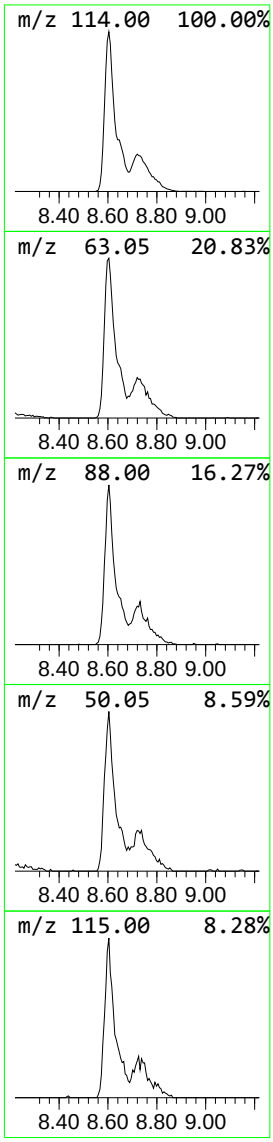
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.719	18.87 ug/l	301917	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	94
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
4	Morpholine-4-carboxylic acid 2,6...	391	C12H11Br2NO4	1000274-22-3	42
5	3,3,3-Trimethoxypropionitrile	145	C6H11NO3	1000430-62-1	28





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Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
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TIC Library : C:\Database\NIST20.L
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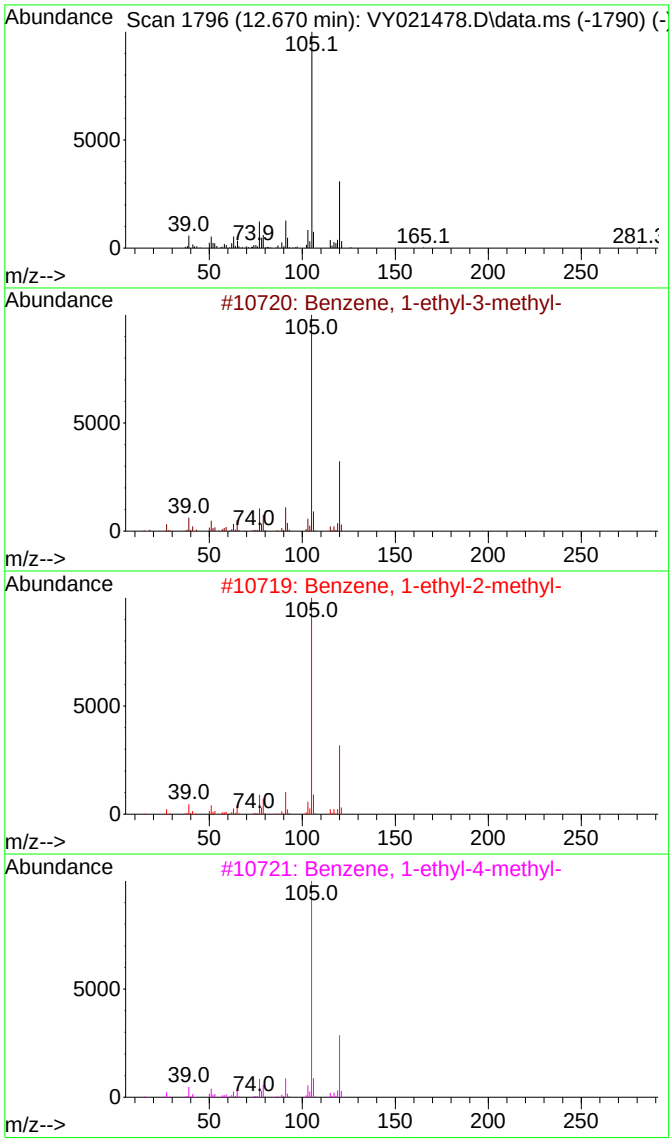
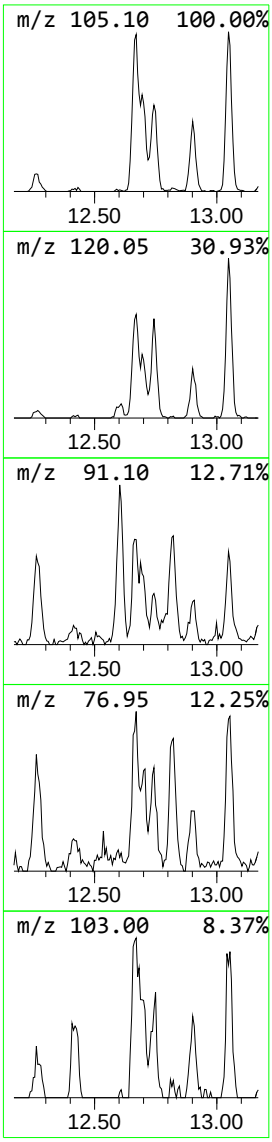
****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	5.36 ug/l	95200	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.995	107.5	ug/l	1311220	1	7.683	610004	50.0
Bis(2-chloroeth...	2.489	8.9	ug/l	108845	1	7.683	610004	50.0
Boric acid, tri...	6.378	123.4	ug/l	1505790	1	7.683	610004	50.0
Benzene, 1,4-di...	8.719	18.9	ug/l	301917	2	8.603	800006	50.0
Benzene, 1-ethy...	12.670	5.4	ug/l	95200	4	13.352	888595	50.0