LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
Data File : VX000412.D
Acq On : 22 Mar 2018 17:46
Operator : JC/MD
Sample : J2005-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2-031918

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.075	76	80	92	rBV	421084	464487	88.94%	10.679%
2	1.276	107	113	119	rBV	71740	98548	18.87%	2.266%
3	1.593	160	165	170	rVB2	7526	13901	2.66%	0.320%
4	2.452	302	306	310	rBV	3645	5381	1.03%	0.124%
5	2.623	330	334	342	rVB	6867	12555	2.40%	0.289%
6	2.934	381	385	391	rVB7	2944	6617	1.27%	0.152%
7	3.074	400	408	421	rVV	143631	330360	63.26%	7.595%
8	3.214	424	431	443	rVB	28268	67836	12.99%	1.560%
9	3.885	530	541	555	rVB2	18338	50081	9.59%	1.151%
10	4.452	624	634	645	rVB3	9754	30541	5.85%	0.702%
11	5.513	797	808	820	rBV2	63491	177873	34.06%	4.090%
12	5.677	824	835	846	rBV2	92198	257338	49.28%	5.917%
13	6.080	891	901	908	rBV	71327	185326	35.49%	4.261%
14	6.159	908	914	923	rVB2	52214	130464	24.98%	3.000%
15	6.403	946	954	962	rBV4	9627	26325	5.04%	0.605%
16	6.872	1021	1031	1043	rBV	160272	371650	71.16%	8.545%
17	8.518	1295	1301	1305	rBV2	3673	6176	1.18%	0.142%
18	8.598	1309	1314	1321	rVB	8776	14166	2.71%	0.326%
19	8.726	1327	1335	1343	rBV	340142	522240	100.00%	12.007%
20	8.927	1361	1368	1375	rBV2	8979	14075	2.70%	0.324%
21	9.031	1378	1385	1393	rVV	94360	145978	27.95%	3.356%
22	9.122	1393	1400	1416	rVB	101796	158629	30.37%	3.647%
23	10.122	1554	1564	1571	rBV	342648	462771	88.61%	10.640%
24	10.213	1575	1579	1583	rVV4	4421	6013	1.15%	0.138%
25	10.262	1583	1587	1591	rVB	7842	10157	1.94%	0.234%
26	11.146	1725	1732	1739	rBV	274798	346665	66.38%	7.970%
27	11.817	1837	1842	1847	rVB	5956	7971	1.53%	0.183%
28	12.085	1881	1886	1895	rVB	345050	418705	80.17%	9.627%
29	12.310	1914	1923	1927	rBV4	4347	6633	1.27%	0.153%

Sum of corrected areas: 4349462

LSC Report - Integrated Chromatogram

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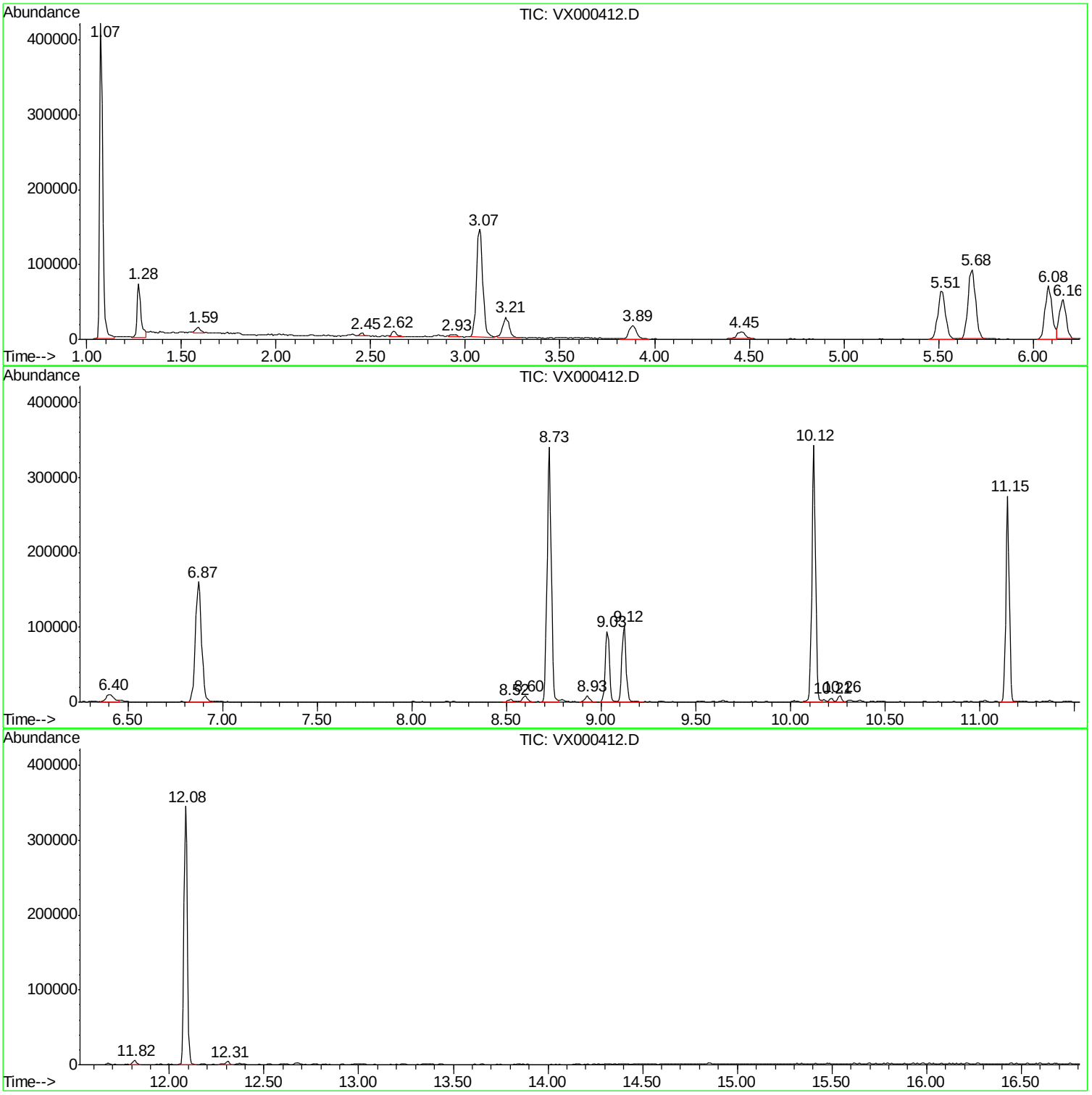
Instrument : MSVOA_X
ClientSampleId : MW-2-031918

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2-031918

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

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

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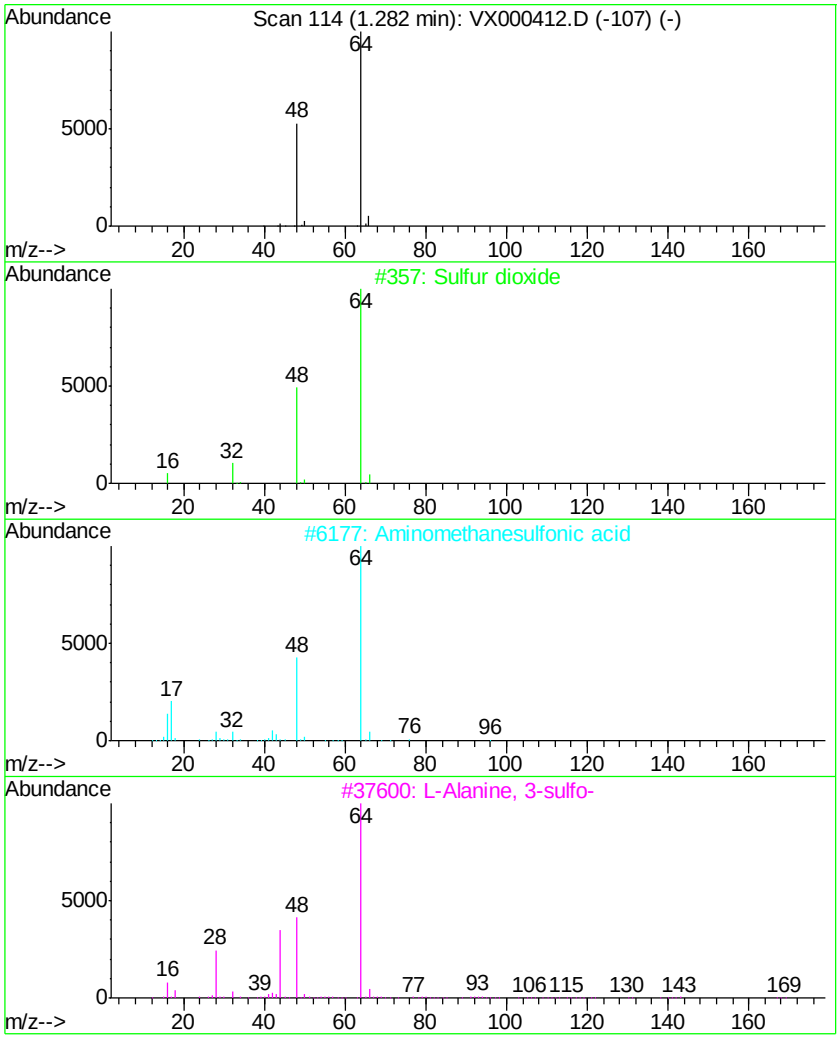
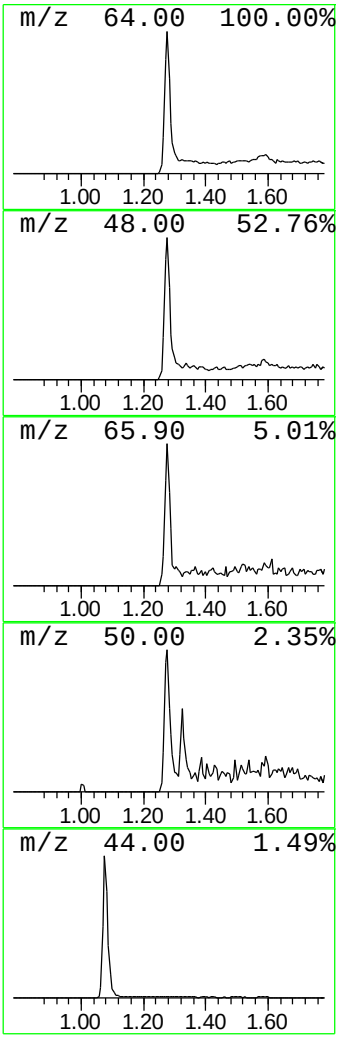
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	19.15 ug/l	98548	Pentafluorobenzene	5.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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Instrument : MSVOA_X
ClientSampleId : MW-2-031918

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

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

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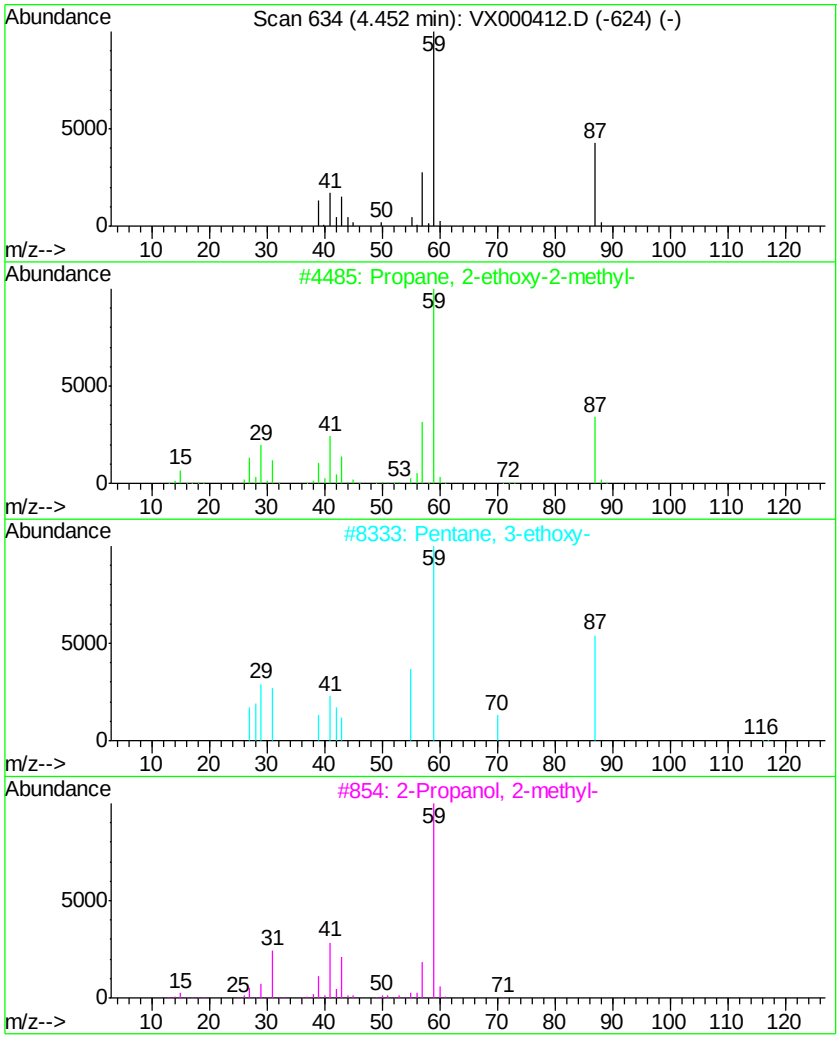
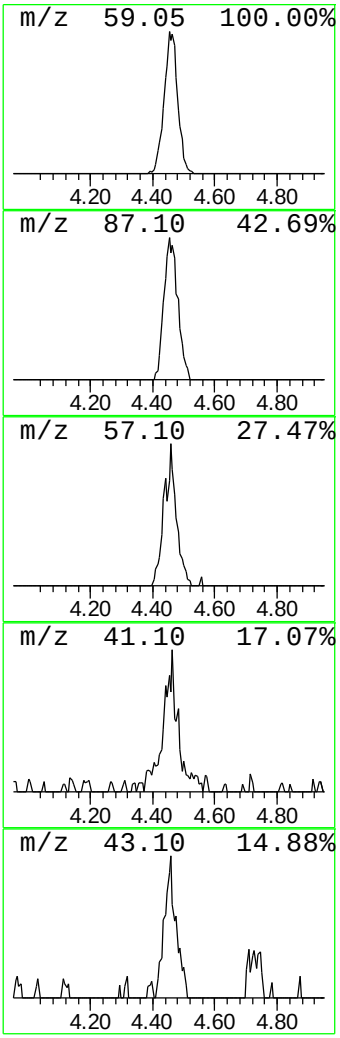
Peak Number 3 Propane, 2-ethoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	5.93 ug/l	30541	Pentafluorobenzene	5.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	78
2	Pentane, 3-ethoxy-	116	C7H16O	036749-13-0	9
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	9
5	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9





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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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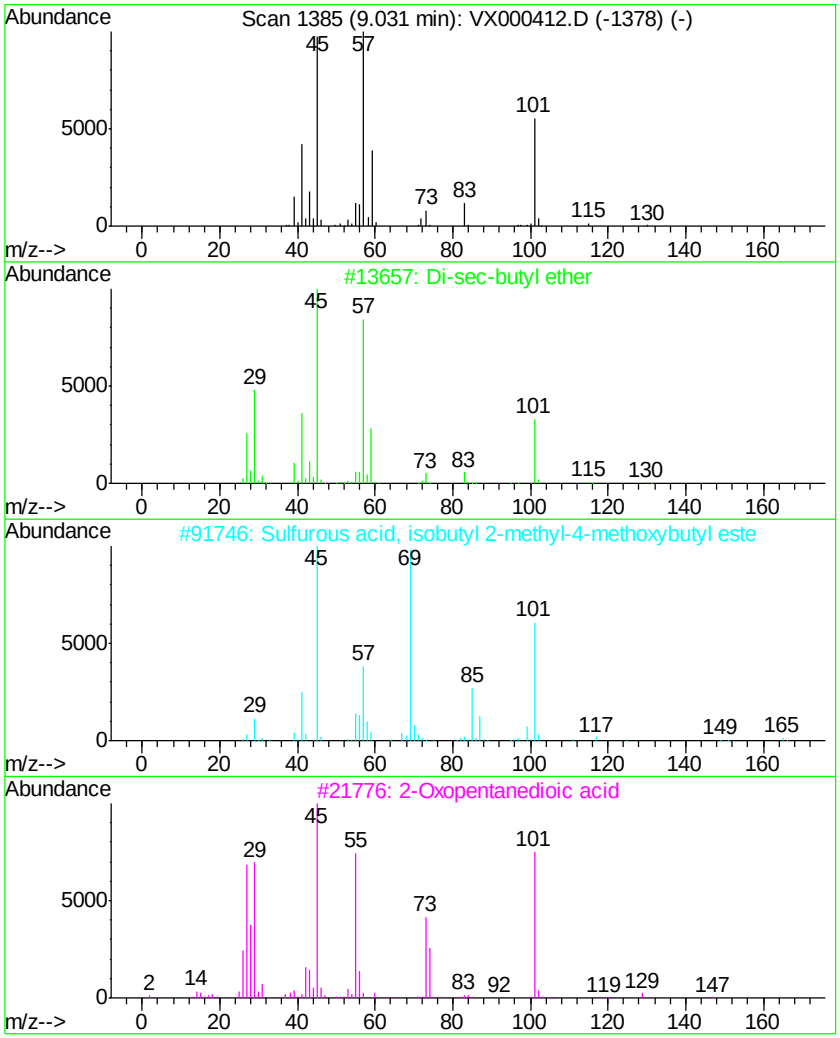
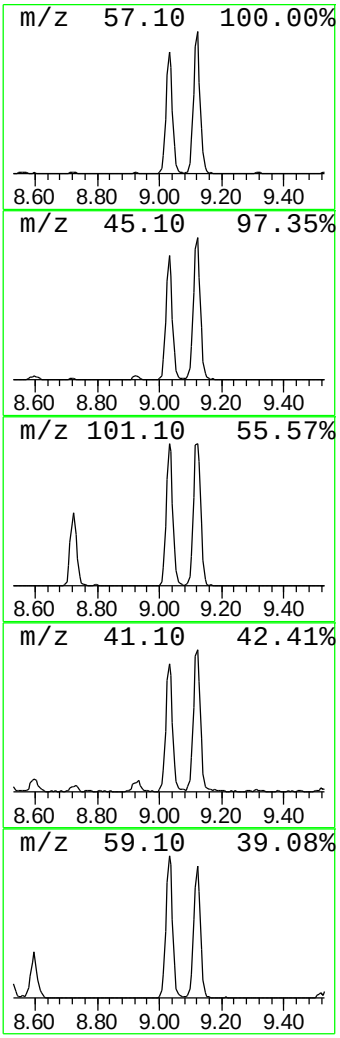
Peak Number 4 Di-sec-butyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	15.77 ug/l	145978	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	91
2	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	40
3	2-Oxopentanedioic acid	146	C5H6O5	000328-50-7	38
4	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	36
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	33





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
Sulfur dioxide	1.28	19.1	ug/l	98548	1	5.68	257338	50.0
Propane, 2-ethoxy...	4.45	5.9	ug/l	30541	1	5.68	257338	50.0
Di-sec-butyl ether	9.03	15.8	ug/l	145978	3	10.12	462771	50.0