LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025177.D
Acq On : 03 Jul 2018 06:16
Operator : MD/SY
Sample : J3809-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-1-062818

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_U\METHOD\82U061318W.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	1.088	136	155	175	rBV	722795	846171	75.15%	10.444%
2	2.320	525	538	551	rVB2	7994	16544	1.47%	0.204%
3	2.825	680	695	724	rBV	339866	691865	61.45%	8.539%
4	3.002	735	750	769	rVB	75643	165274	14.68%	2.040%
5	3.574	907	928	947	rBV	58848	149359	13.27%	1.843%
6	4.072	1064	1083	1106	rBV2	39864	114356	10.16%	1.411%
7	4.889	1316	1337	1353	rBV	173865	392221	34.83%	4.841%
8	4.989	1353	1368	1386	rVB	258236	565450	50.22%	6.979%
9	5.313	1454	1469	1487	rBV	187097	395211	35.10%	4.878%
10	5.458	1503	1514	1533	rVB2	29252	64663	5.74%	0.798%
11	5.580	1538	1552	1571	rVB3	8484	20917	1.86%	0.258%
12	5.892	1635	1649	1671	rBV	354612	711767	63.21%	8.785%
13	7.300	2076	2087	2097	rBV3	6485	12780	1.14%	0.158%
14	7.368	2097	2108	2124	rVV2	24932	45509	4.04%	0.562%
15	7.570	2157	2171	2189	rBV	647752	1125957	100.00%	13.897%
16	7.722	2207	2218	2233	rBV2	19368	35374	3.14%	0.437%
17	7.870	2250	2264	2280	rBV	49147	87971	7.81%	1.086%
18	7.960	2280	2292	2310	rVB	59304	101512	9.02%	1.253%
19	8.506	2441	2462	2474	rVB9	5298	12162	1.08%	0.150%
20	9.027	2615	2624	2633	rBV4	6244	11422	1.01%	0.141%
21	9.095	2633	2645	2662	rVV	503241	842499	74.83%	10.399%
22	9.175	2664	2670	2687	rVB4	11136	20855	1.85%	0.257%
23	9.284	2692	2704	2722	rVB10	4952	13362	1.19%	0.165%
24	10.310	3012	3023	3048	rBV	486246	787606	69.95%	9.721%
25	11.487	3374	3389	3409	rBV	544294	871276	77.38%	10.754%

Sum of corrected areas: 8102083

LSC Report - Integrated Chromatogram

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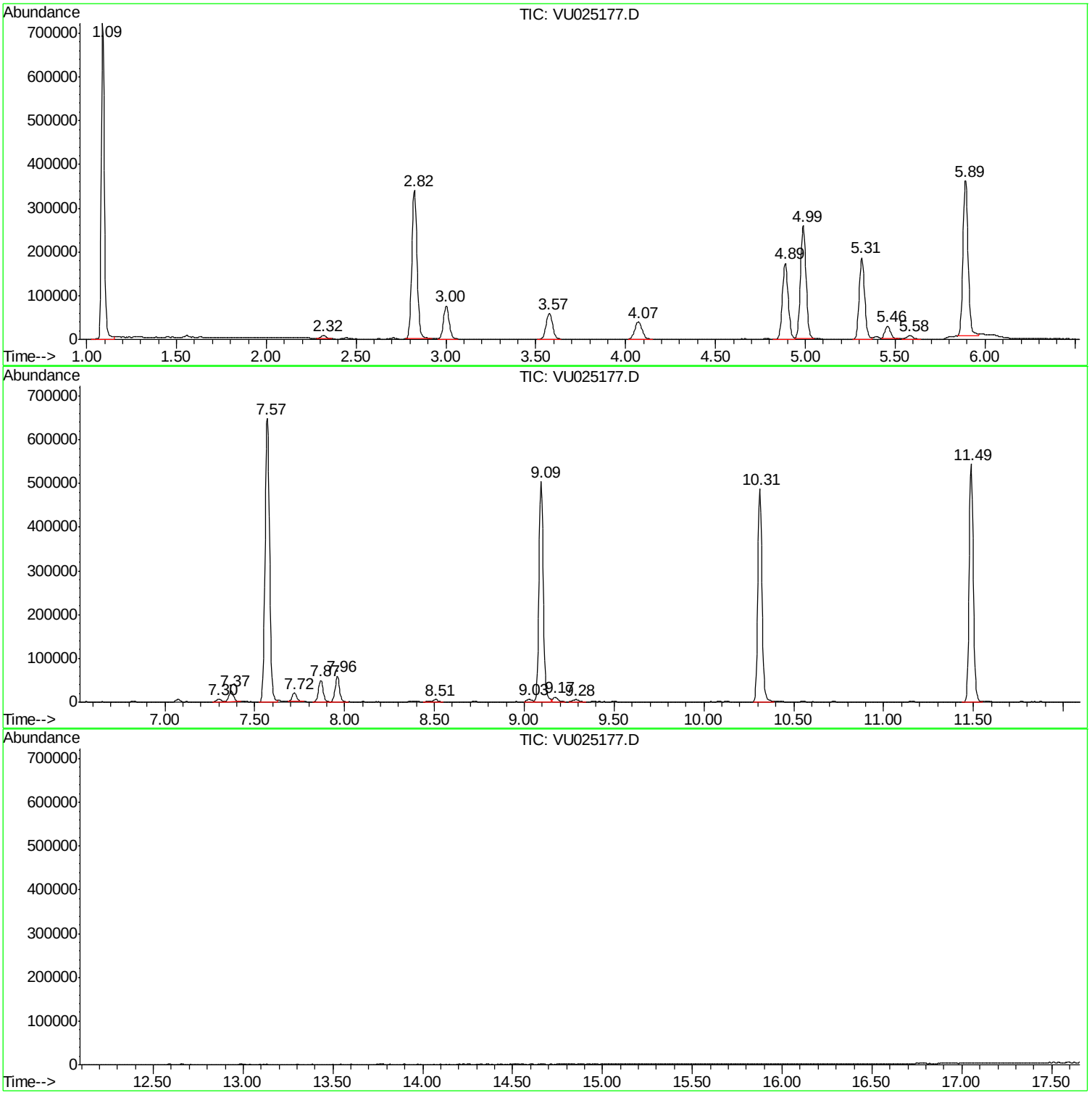
ClientSampleId : DUP-1-062818

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : DUP-1-062818

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

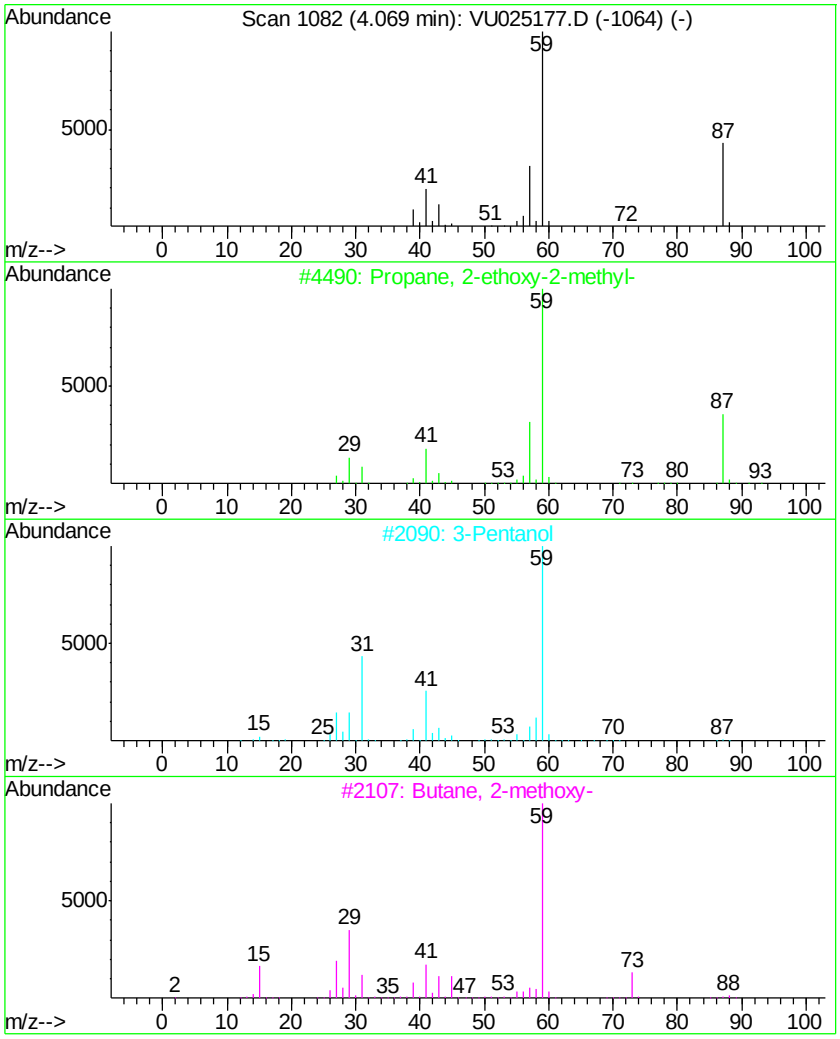
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

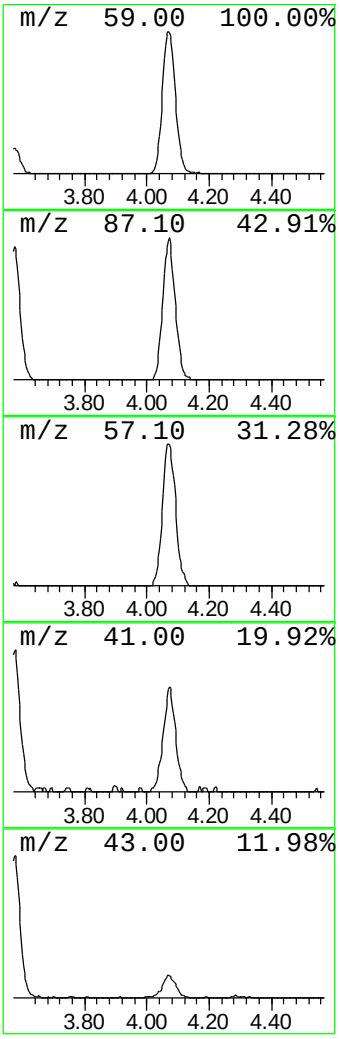
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	10.11 ug/l	114356	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
2	3-Pentanol	88	C5H12O	000584-02-1	28
3	Butane, 2-methoxy-	88	C5H12O	006795-87-5	9
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

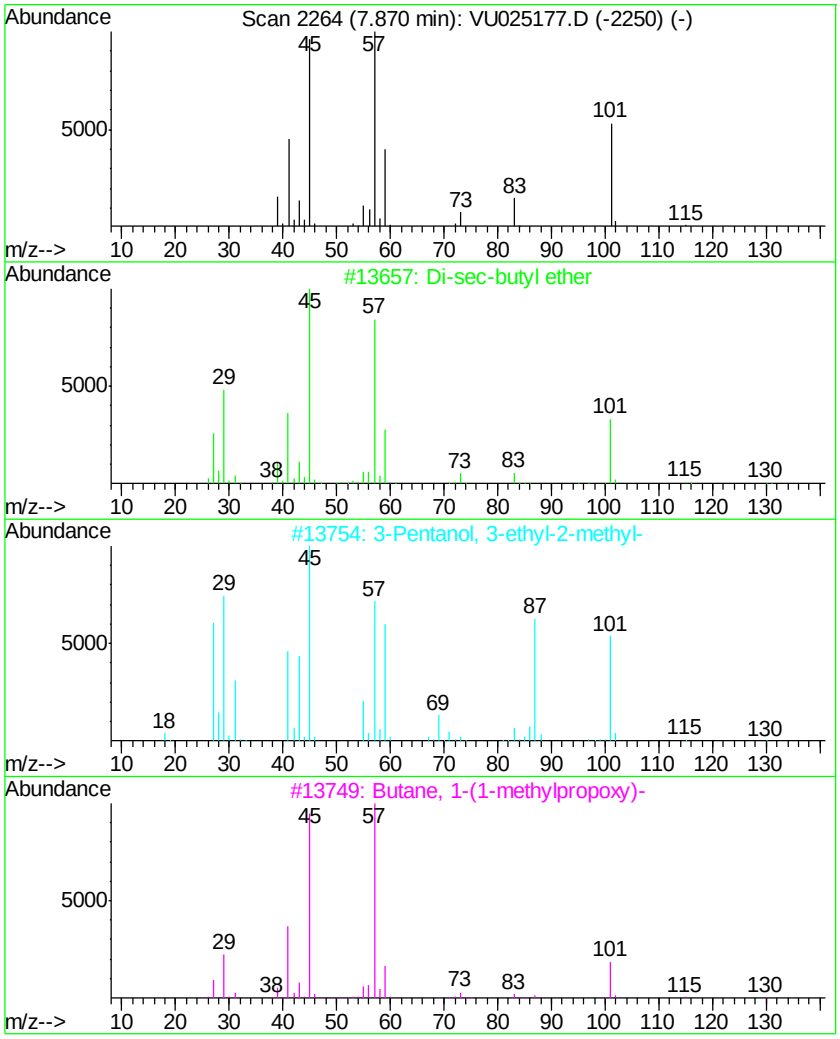
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

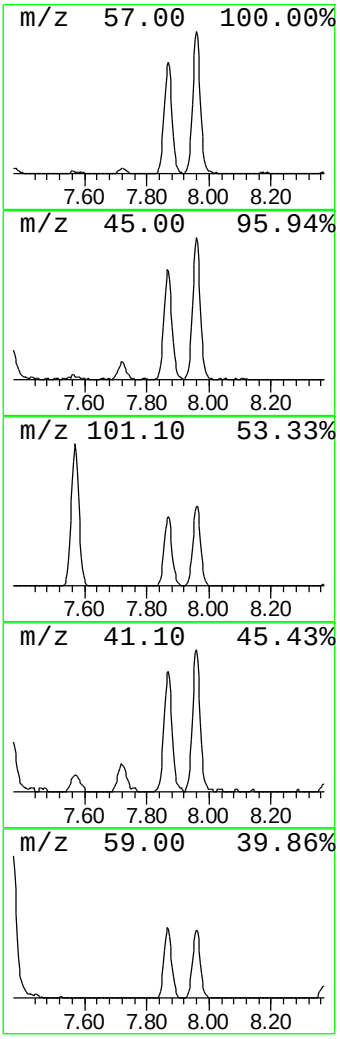
****

Peak Number 3 Di-sec-butyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.22 ug/l	87971	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	83
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	64
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
4	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	42
5	4-Methyl-2-hexanol	116	C7H16O	002313-61-3	33





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2-ethoxy...	4.07	10.1	ug/l	114356	1	4.99	565450	50.0
Di-sec-butyl ether	7.87	5.2	ug/l	87971	3	9.09	842499	50.0