LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121119\
Data File : VU036130.D
Acq On : 11 Dec 2019 13:56
Operator : JC/MD
Sample : K6167-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQT7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR120919WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	4	9	14	rBV	21706	24155	1.38%	0.191%
2	1.610	75	84	97	rVB	200170	235788	13.51%	1.868%
3	1.932	175	184	186	rBV	183068	204669	11.73%	1.621%
4	1.951	186	190	204	rVB	267522	333833	19.13%	2.644%
5	2.408	323	332	355	rVB	72322	131874	7.56%	1.045%
6	2.594	377	390	402	rBV	238481	390649	22.38%	3.094%
7	2.684	409	418	438	rVB	11995	30763	1.76%	0.244%
8	4.054	821	844	875	rBV	662066	1745344	100.00%	13.824%
9	4.703	1028	1046	1088	rBV3	149579	515806	29.55%	4.086%
10	5.115	1156	1174	1197	rBV	229511	548767	31.44%	4.347%
11	5.771	1355	1378	1390	rBV3	427624	1112505	63.74%	8.812%
12	6.292	1526	1540	1565	rBV	359697	697216	39.95%	5.522%
13	6.732	1663	1677	1697	rBV	263136	521782	29.90%	4.133%
14	7.604	1935	1948	1967	rBV	114084	217993	12.49%	1.727%
15	7.932	2036	2050	2065	rBV	445999	803566	46.04%	6.365%
16	8.005	2067	2073	2083	rVB4	15363	26418	1.51%	0.209%
17	8.214	2125	2138	2159	rBV	74434	144390	8.27%	1.144%
18	8.681	2268	2283	2320	rBV	460243	1096783	62.84%	8.687%
19	9.449	2509	2522	2525	rBV	546979	814882	46.69%	6.454%
20	9.478	2527	2531	2563	rVB	674060	1055137	60.45%	8.357%
21	9.716	2591	2605	2615	rBV9	12712	29858	1.71%	0.236%
22	10.510	2838	2852	2864	rBV2	27957	44083	2.53%	0.349%
23	10.784	2926	2937	2952	rVB	224595	385455	22.08%	3.053%
24	11.838	3251	3265	3283	rVB	399805	701247	40.18%	5.554%
25	12.218	3370	3383	3400	rBV	408901	689958	39.53%	5.465%
26	14.803	4175	4187	4198	rBV	77179	122294	7.01%	0.969%

Sum of corrected areas: 12625215

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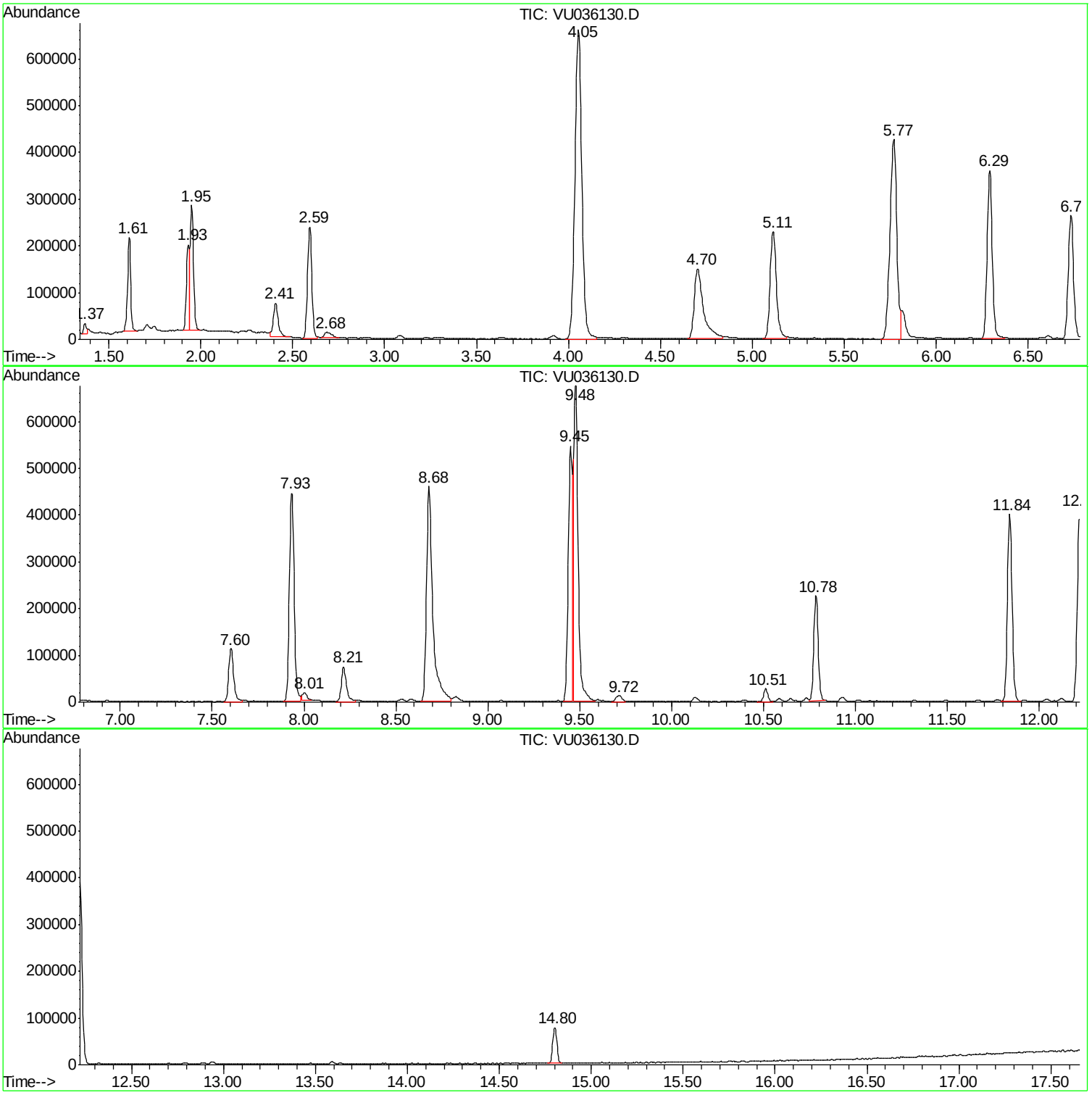
Instrument : MSVOA_U
ClientSampleId : BFQT7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121119\
Data File : VU036130.D
Acq On : 11 Dec 2019 13:56
Operator : JC/MD
Sample : K6167-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQT7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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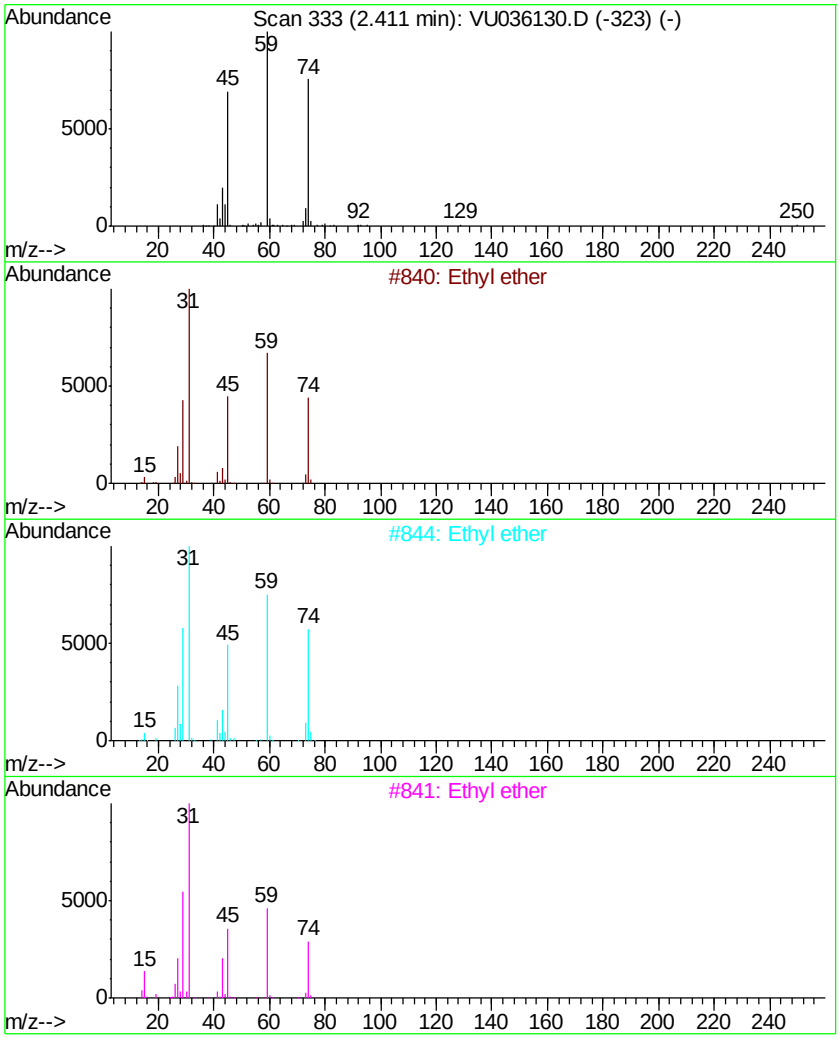
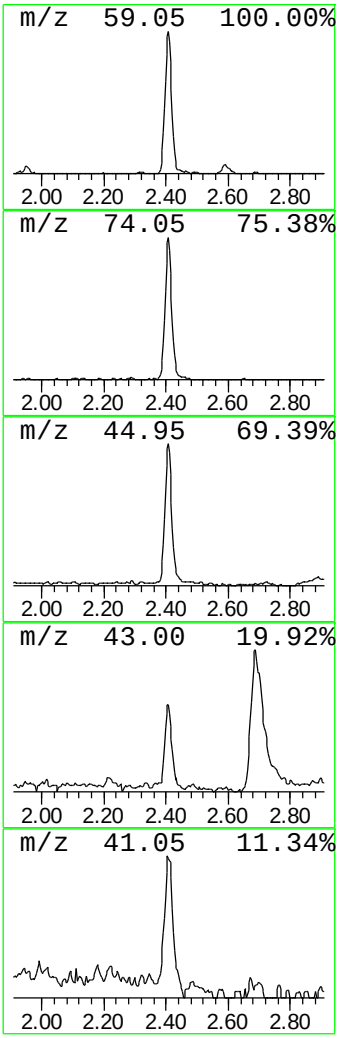
Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	0.95 ug/L	131874	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	86
2	Ethyl ether	74	C4H10O	000060-29-7	78
3	Ethyl ether	74	C4H10O	000060-29-7	78
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5	Ethyl ether	74	C4H10O	000060-29-7	72





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQT7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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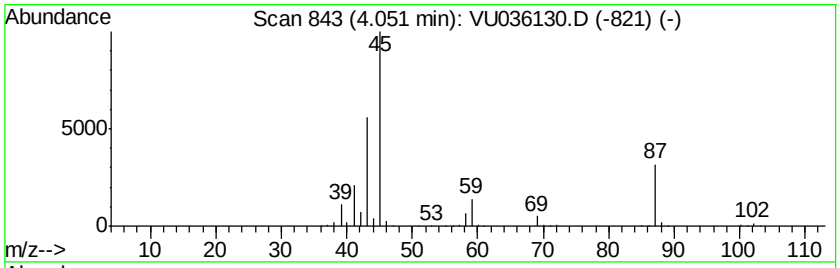
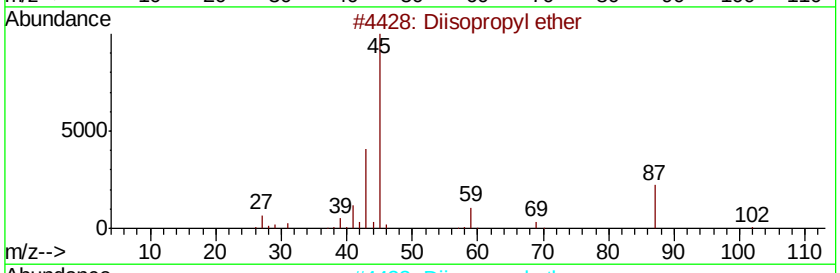
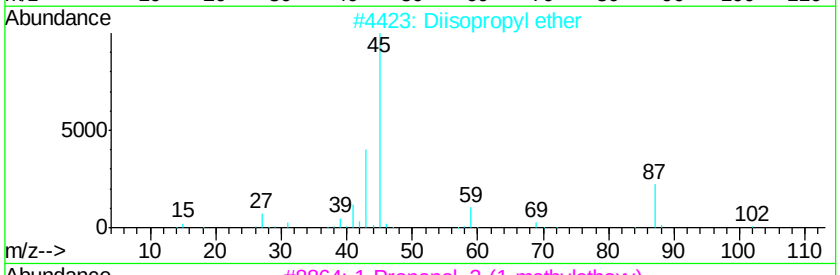
Peak Number 2 Diisopropyl ether Concentration Rank 1

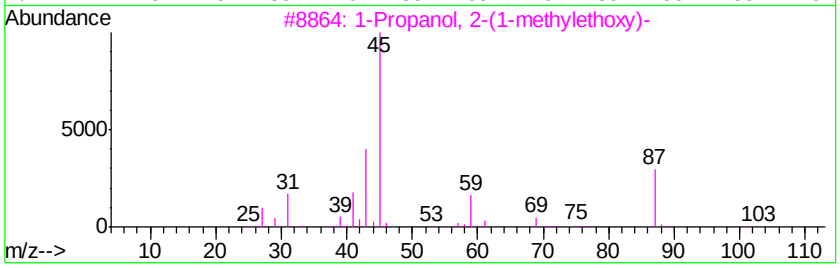
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	12.52 ug/L	1745340	1,4-Difluorobenzene	6.29

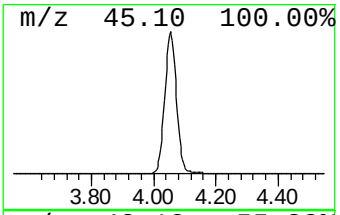
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
4	Diisopropyl ether	102	C6H14O	000108-20-3	72
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	72

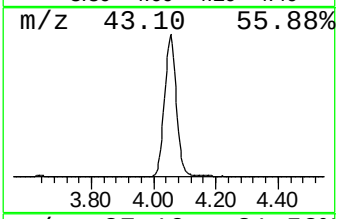


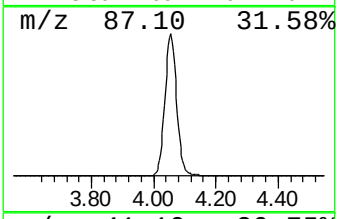


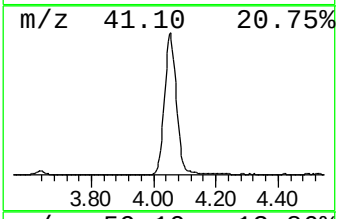


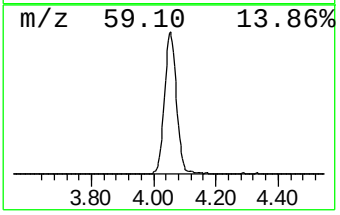












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.41	0.9	ug/L	131874	1	6.29	697216	5.0
Diisopropyl ether	4.05	12.5	ug/L	1745340	1	6.29	697216	5.0