LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
Data File : VU040332.D
Acq On : 28 Sep 2020 15:13
Operator : SY/MD
Sample : L4139-03DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4A4DL

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\SOMUTR083120WMA.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	1.604	72	82	92	rVB	58962	67987	4.41%	0.961%
2	1.922	168	181	197	rVB	55031	80616	5.23%	1.139%
3	2.388	316	326	338	rBV	36522	54385	3.53%	0.769%
4	2.578	370	385	401	rBV	103928	171269	11.12%	2.420%
5	3.060	523	535	543	rBV	24605	49951	3.24%	0.706%
6	3.379	615	634	648	rBV4	25123	55945	3.63%	0.791%
7	3.716	726	739	754	rBV4	25811	58631	3.81%	0.829%
8	4.012	812	831	852	rBV2	108089	281660	18.28%	3.981%
9	4.552	981	999	1013	rBV3	37583	87861	5.70%	1.242%
10	4.652	1014	1030	1071	rVV	104432	303472	19.70%	4.289%
11	5.083	1148	1164	1184	rBV	100210	227851	14.79%	3.220%
12	5.742	1347	1369	1374	rBV2	194424	471125	30.58%	6.658%
13	5.790	1374	1384	1405	rVB	756763	1540669	100.00%	21.774%
14	6.263	1516	1531	1550	rBV	185891	344290	22.35%	4.866%
15	6.703	1652	1668	1684	rBV	123809	241714	15.69%	3.416%
16	7.575	1926	1939	1959	rBV	56983	100777	6.54%	1.424%
17	7.906	2026	2042	2058	rBV	218672	374917	24.33%	5.299%
18	8.185	2118	2129	2142	rBV2	37799	64184	4.17%	0.907%
19	8.639	2254	2270	2298	rBV	375958	675165	43.82%	9.542%
20	9.420	2500	2513	2520	rBV	264636	490293	31.82%	6.929%
21	9.693	2586	2598	2615	rBV	65459	107106	6.95%	1.514%
22	10.481	2833	2843	2857	rBV2	38448	59247	3.85%	0.837%
23	10.754	2916	2928	2944	rVB2	100741	161302	10.47%	2.280%
24	10.899	2962	2973	2985	rVB3	13821	26392	1.71%	0.373%
25	11.288	3080	3094	3106	rVB2	23004	35433	2.30%	0.501%
26	11.462	3140	3148	3160	rVB2	10519	16043	1.04%	0.227%
27	11.806	3243	3255	3272	rBV	270890	447072	29.02%	6.318%
28	11.886	3272	3280	3291	rVB2	24271	37118	2.41%	0.525%
29	12.089	3326	3343	3356	rVB3	21023	37652	2.44%	0.532%
30	12.189	3361	3374	3389	rVV	235740	405737	26.34%	5.734%

Sum of corrected areas: 7075864

LSC Report - Integrated Chromatogram

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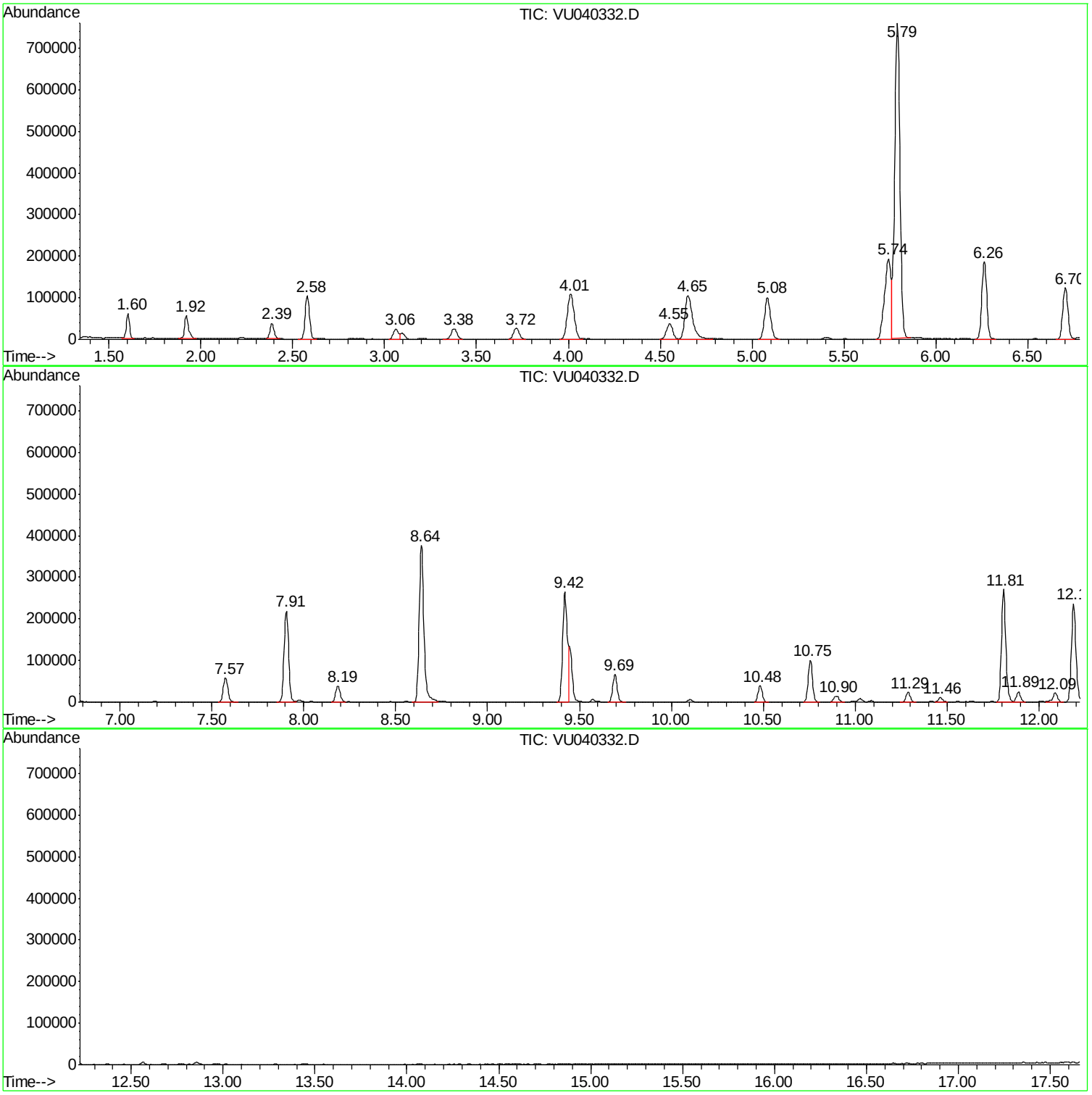
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4A4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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TIC Integration Parameters: LSCINT.P

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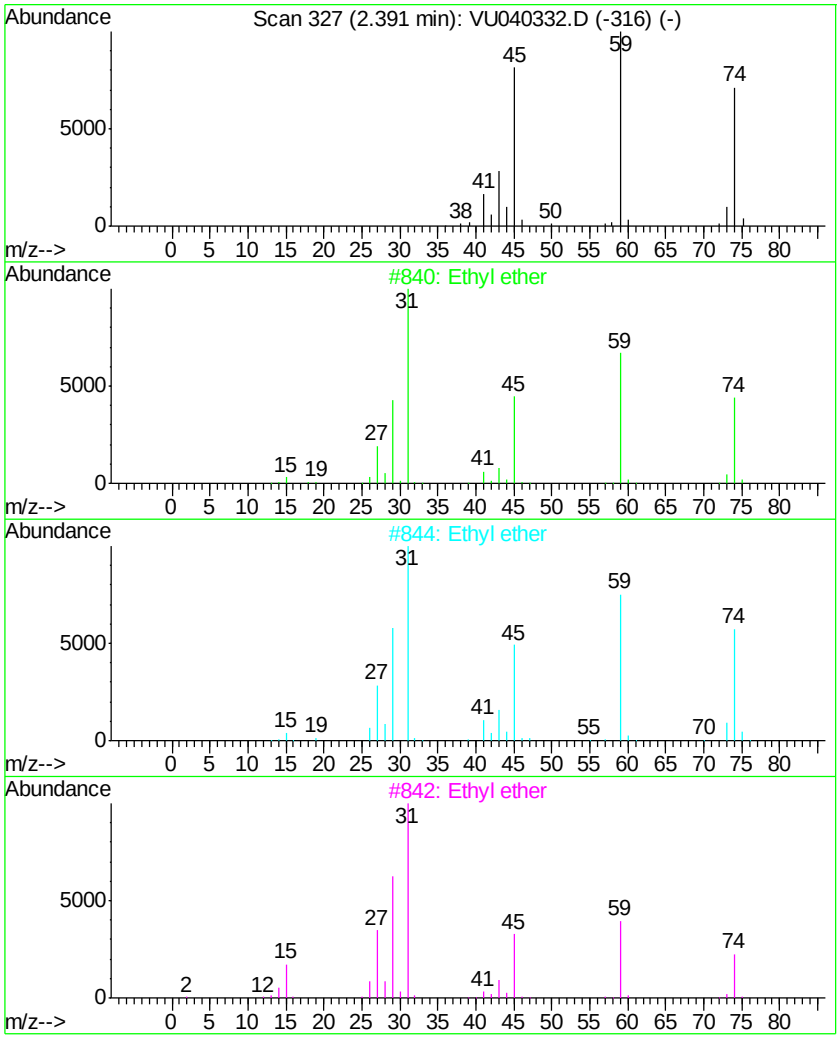
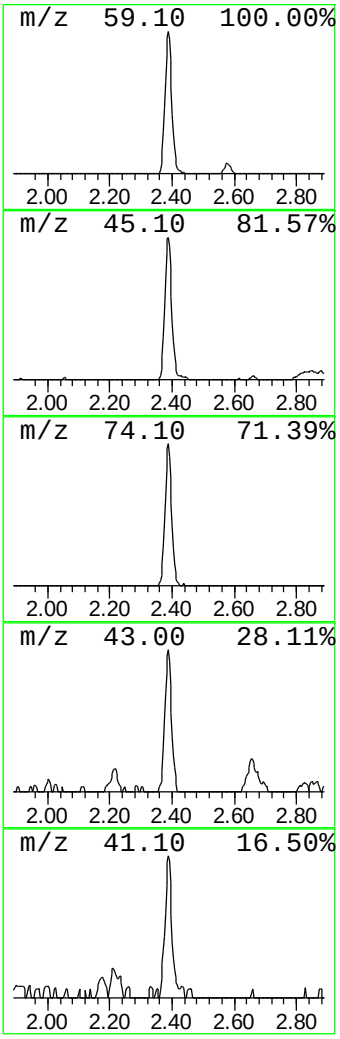
Peak Number 1 Ethyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	0.79 ug/L	54385	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethyl ether	74	C4H10O	000060-29-7	78





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Instrument : MSVOA_U
ClientSampleId : BG4A4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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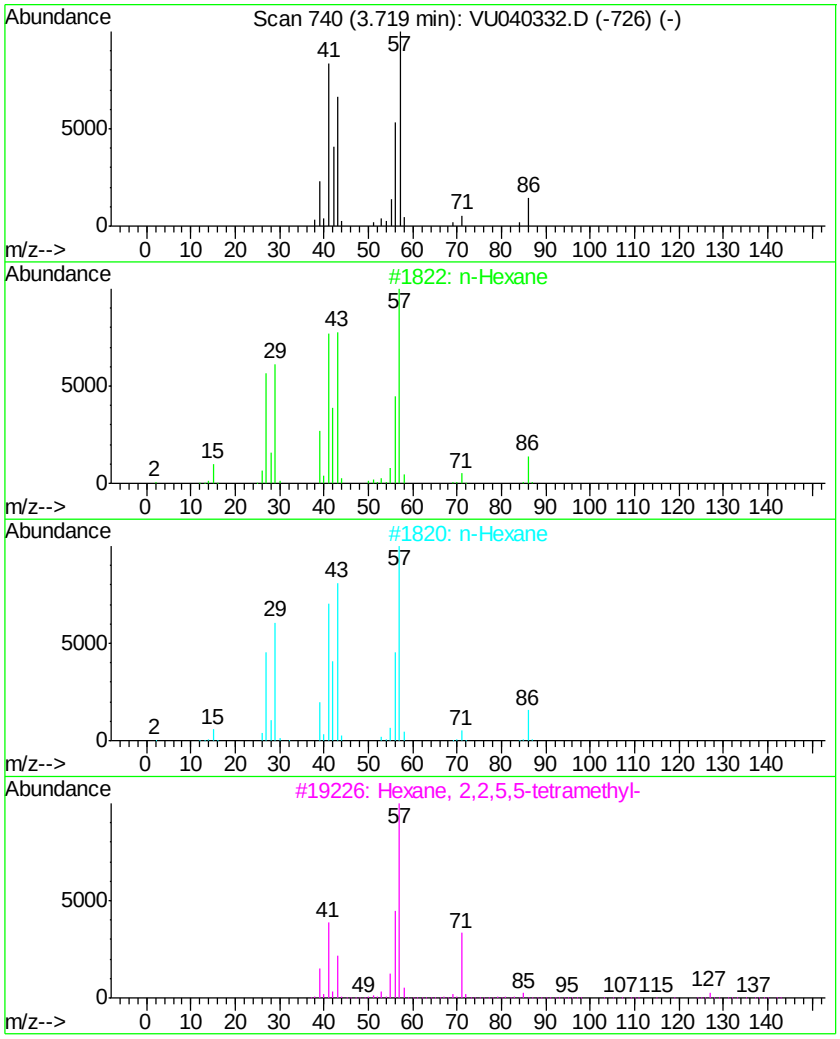
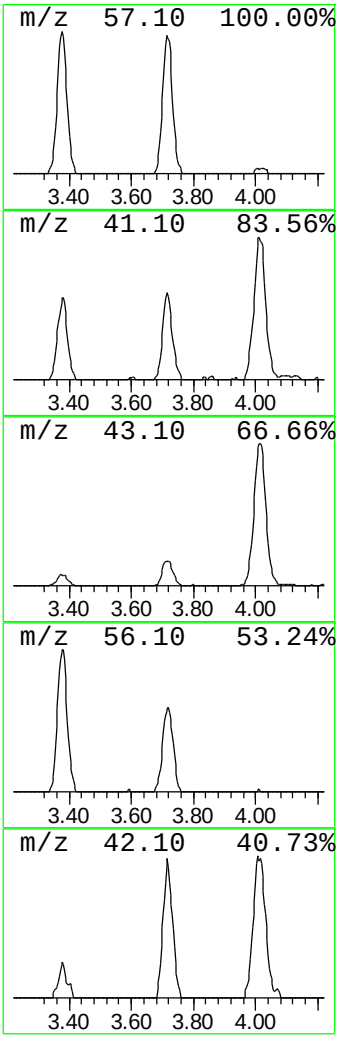
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.85 ug/L	58631	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	86
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	n-Hexane	86	C6H14	000110-54-3	47
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4A4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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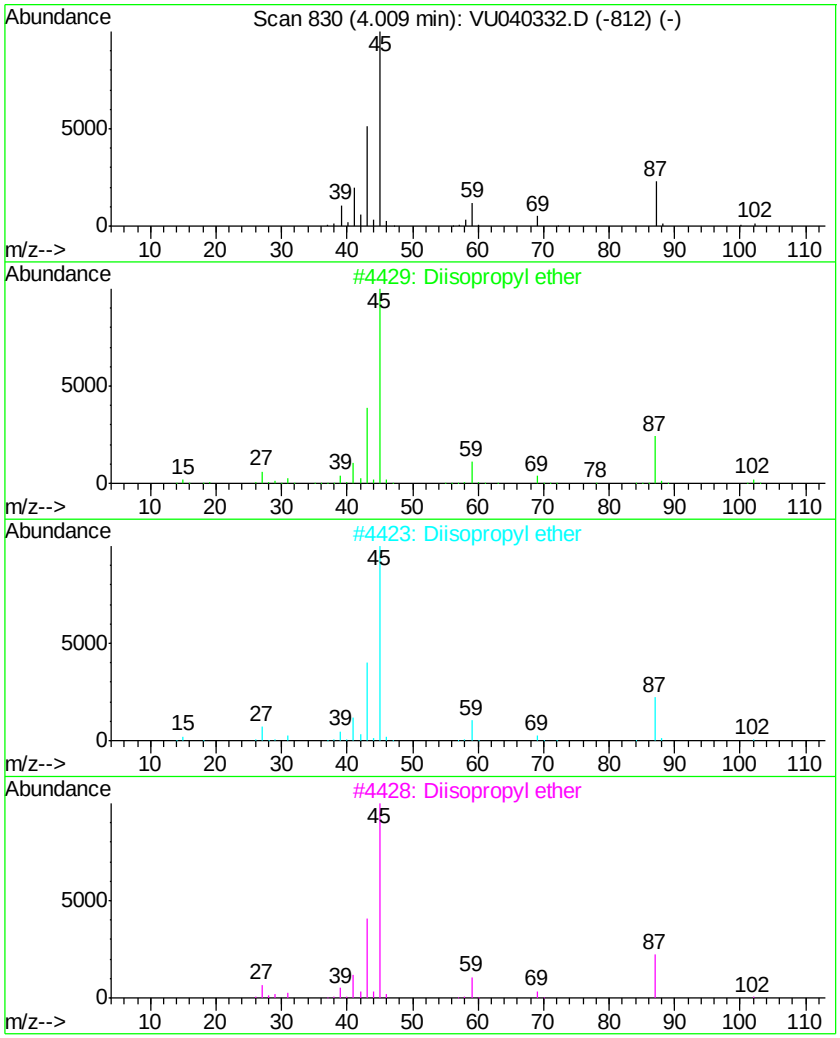
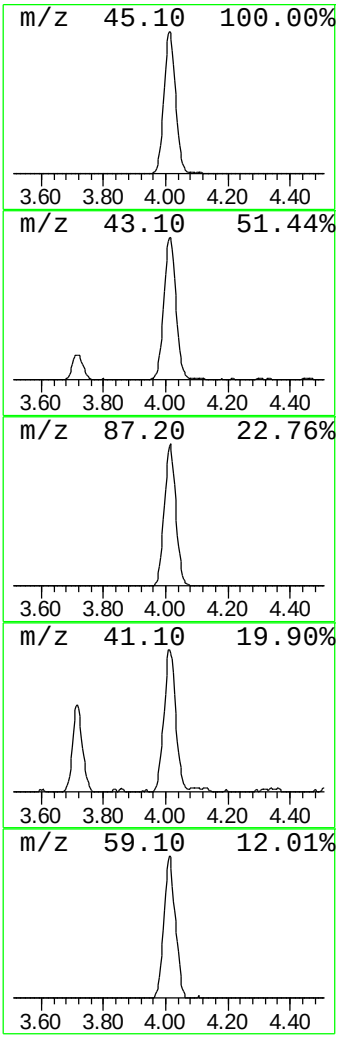
Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	4.09 ug/L	281660	1,4-Difluorobenzene	6.26

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	Diisopropyl ether	102	C6H14O	000108-20-3	64
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64
5	Acetoin	88	C4H8O2	000513-86-0	58





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ClientSampleId : BG4A4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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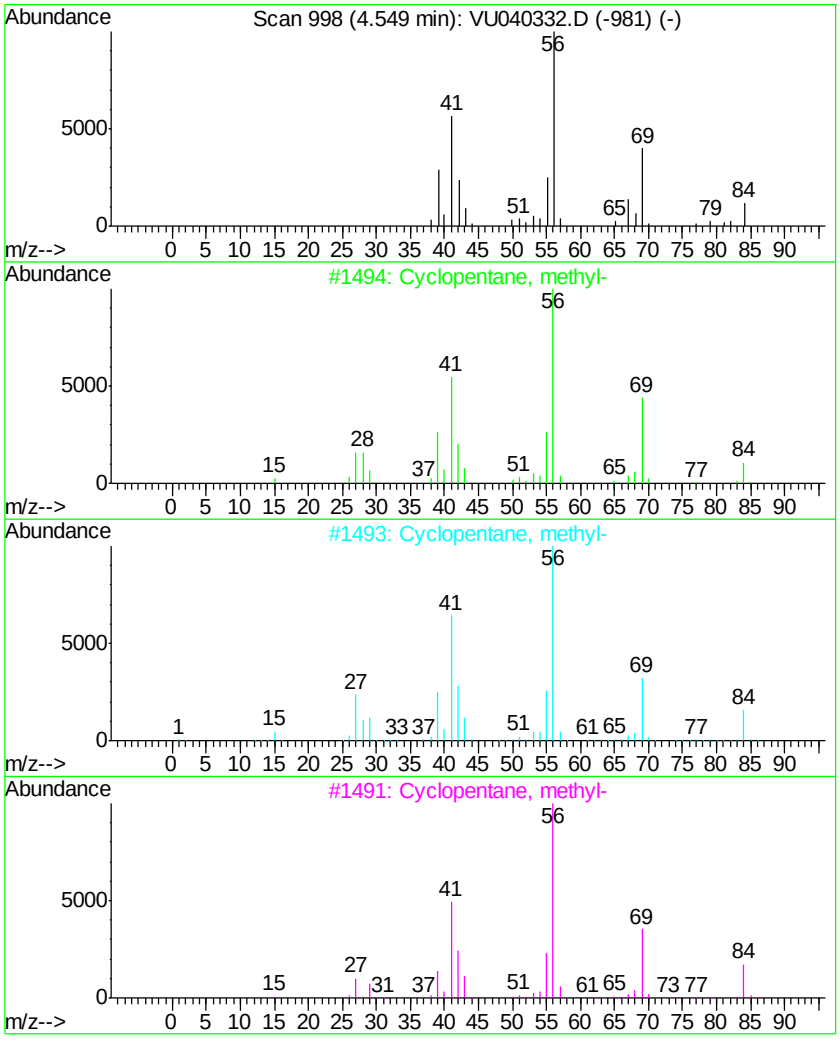
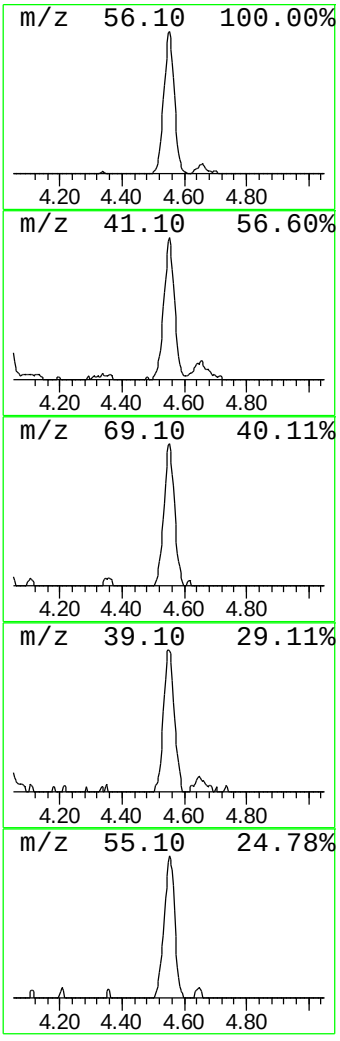
Peak Number 4 (DEL) Alkane: Cyclic4.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	1.28 ug/L	87861	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.39	0.8	ug/L	54385	1	6.26	344290	5.0
(DEL) Alkane: Str...	3.72	0.8	ug/L	58631	1	6.26	344290	5.0
Diisopropyl ether	4.01	4.1	ug/L	281660	1	6.26	344290	5.0
(DEL) Alkane: Cyc...	4.55	1.3	ug/L	87861	1	6.26	344290	5.0