LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081820\
Data File : VX017958.D
Acq On : 18 Aug 2020 12:45
Operator : JC/SP
Sample : L3697-06
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N3

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_X\METHOD\SOMXTR080720WMA.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	1.386	44	49	54	rBV	120852	121153	3.26%	0.918%
2	1.691	93	99	101	rBV	101762	132813	3.57%	1.007%
3	1.715	101	103	109	rVB	79430	90740	2.44%	0.688%
4	2.166	171	177	184	rBV	133575	205361	5.52%	1.557%
5	2.343	200	206	213	rVB	185593	312985	8.42%	2.372%
6	3.672	413	424	433	rBV2	48395	122017	3.28%	0.925%
7	3.825	438	449	467	rBV	1466226	3718713	100.00%	28.189%
8	4.532	555	565	579	rBV	163482	476683	12.82%	3.613%
9	5.141	649	665	680	rBV2	147979	506552	13.62%	3.840%
10	6.044	800	813	821	rBV2	316682	946330	25.45%	7.173%
11	6.111	821	824	836	rVB2	73149	162182	4.36%	1.229%
12	6.830	933	942	955	rBV2	252609	614338	16.52%	4.657%
13	7.373	1020	1031	1039	rBV	208069	464064	12.48%	3.518%
14	8.373	1189	1195	1202	rBV	120978	190035	5.11%	1.441%
15	8.696	1241	1248	1255	rBV	428231	679530	18.27%	5.151%
16	8.763	1255	1259	1266	rVB	158644	247810	6.66%	1.878%
17	8.994	1288	1297	1303	rBV3	96644	163555	4.40%	1.240%
18	9.427	1360	1368	1376	rBV	788815	1092008	29.37%	8.278%
19	10.098	1472	1478	1487	rBV	555075	803332	21.60%	6.089%
20	10.342	1512	1518	1525	rBV	74831	100681	2.71%	0.763%
21	10.683	1569	1574	1582	rBV2	29965	48497	1.30%	0.368%
22	11.232	1659	1664	1672	rVB	236308	309402	8.32%	2.345%
23	11.329	1674	1680	1687	rBV5	27616	52570	1.41%	0.398%
24	11.445	1692	1699	1705	rVB2	89204	126565	3.40%	0.959%
25	12.061	1795	1800	1807	rBV	549707	739913	19.90%	5.609%
26	12.122	1807	1810	1817	rVB3	41627	53617	1.44%	0.406%
27	12.360	1842	1849	1857	rBV	566437	710820	19.11%	5.388%

Sum of corrected areas: 13192266

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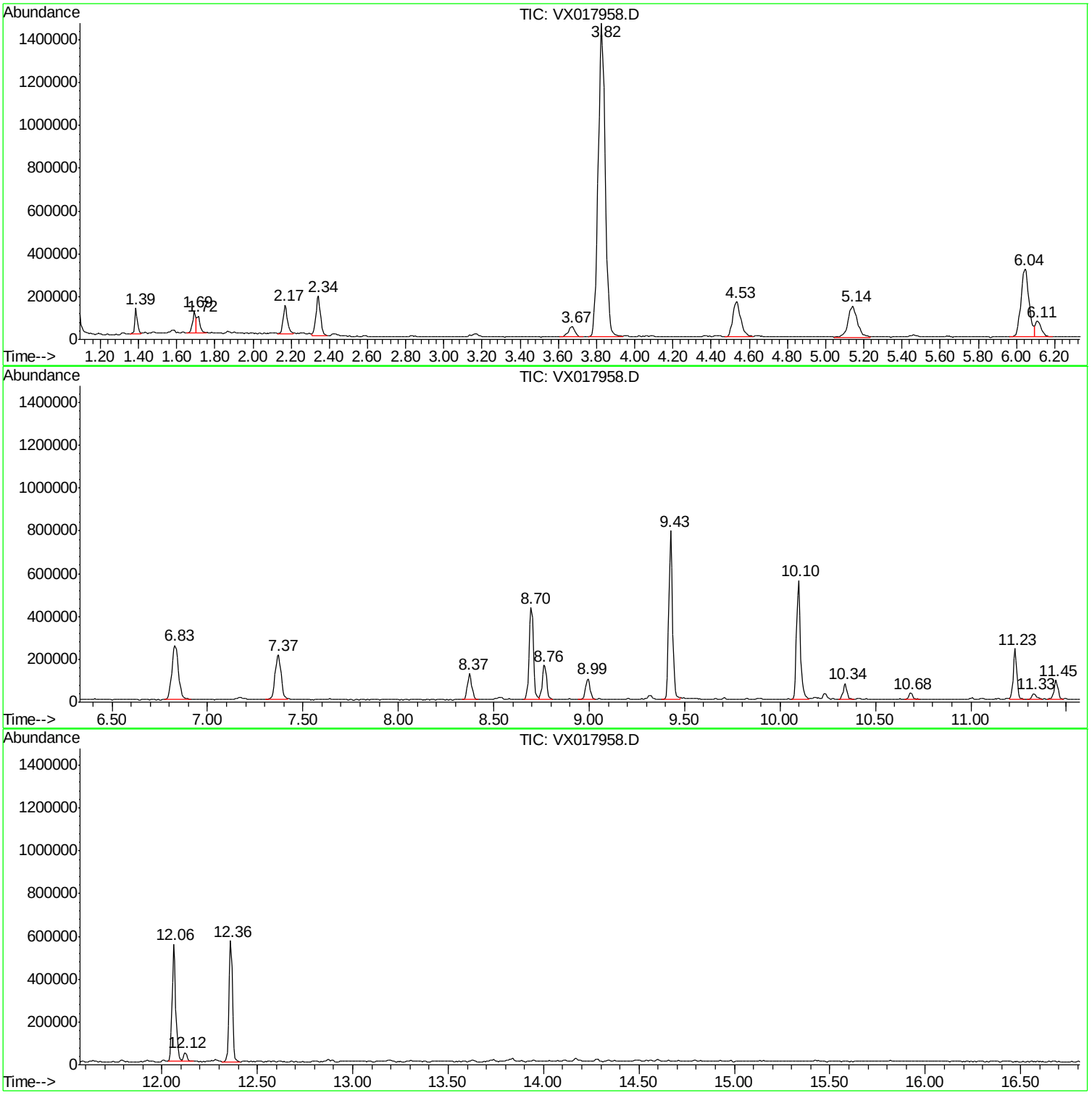
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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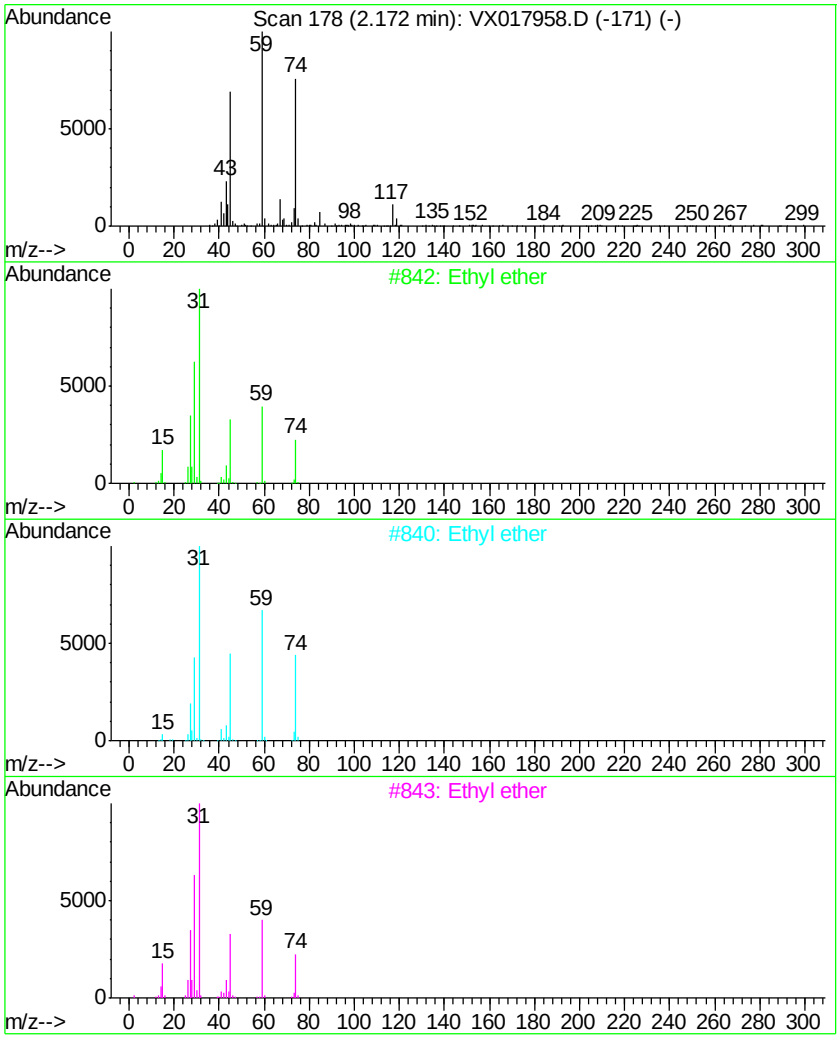
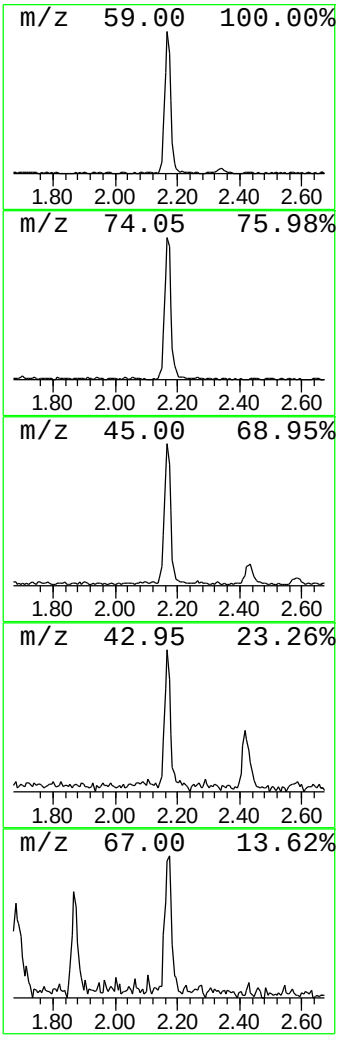
Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.67 ug/L	205361	1,4-Difluorobenzene	6.83

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	80
3	Ethyl ether	74	C4H10O	000060-29-7	80
4	Ethyl ether	74	C4H10O	000060-29-7	80
5	Ethyl ether	74	C4H10O	000060-29-7	72





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Instrument : MSVOA_X
ClientSampleId : BG0N3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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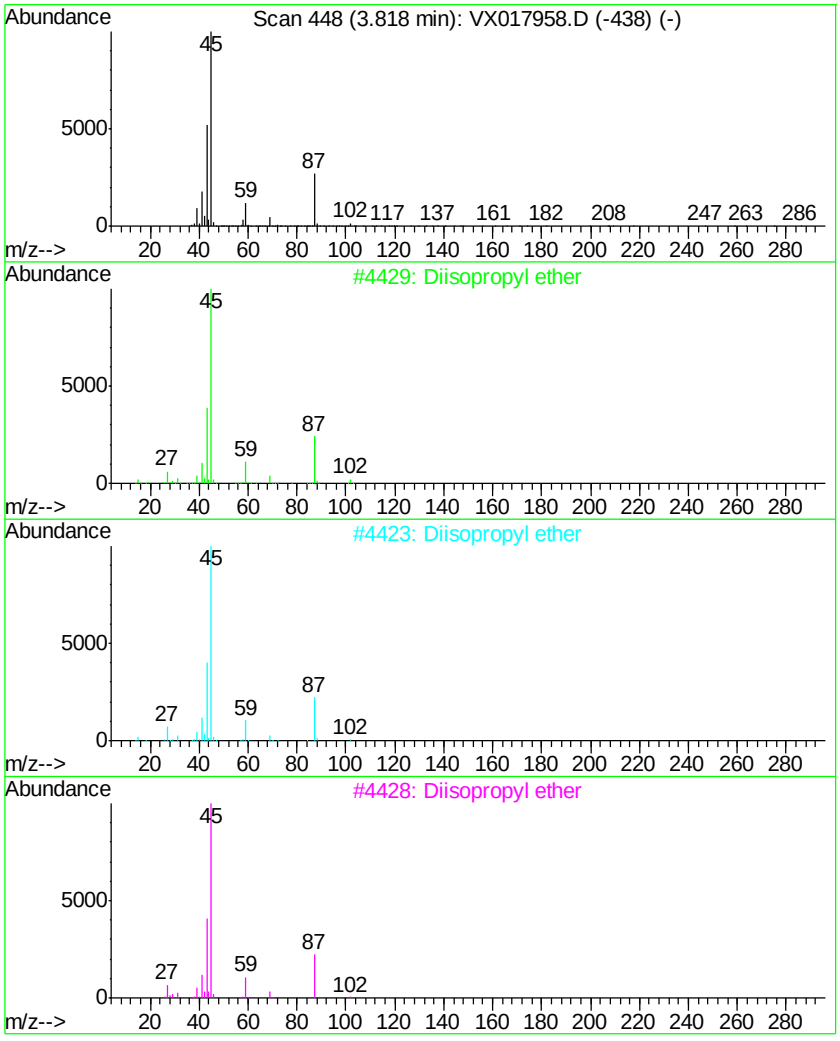
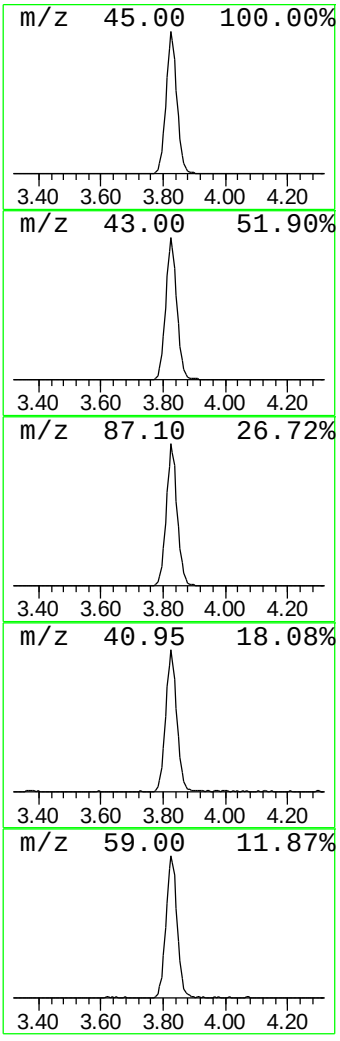
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	30.27 ug/L	3718710	1,4-Difluorobenzene	6.83

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	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64
5	Acetoin	88	C4H8O2	000513-86-0	58





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Instrument : MSVOA_X
ClientSampleId : BG0N3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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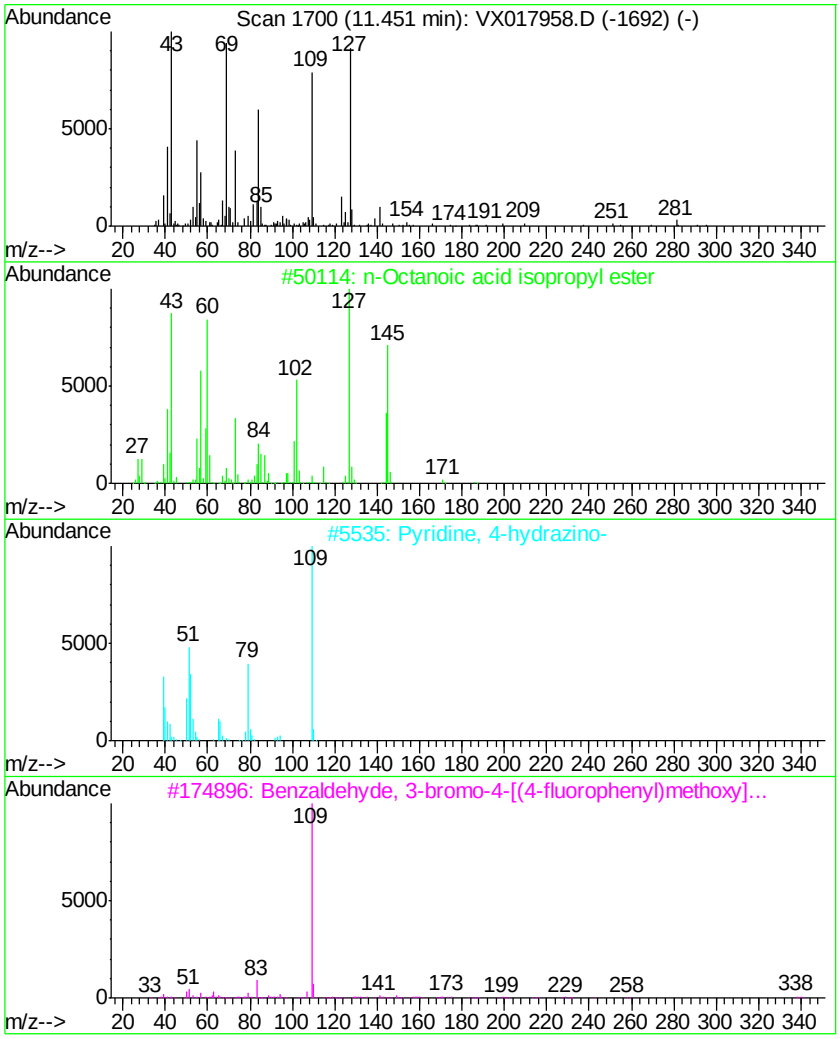
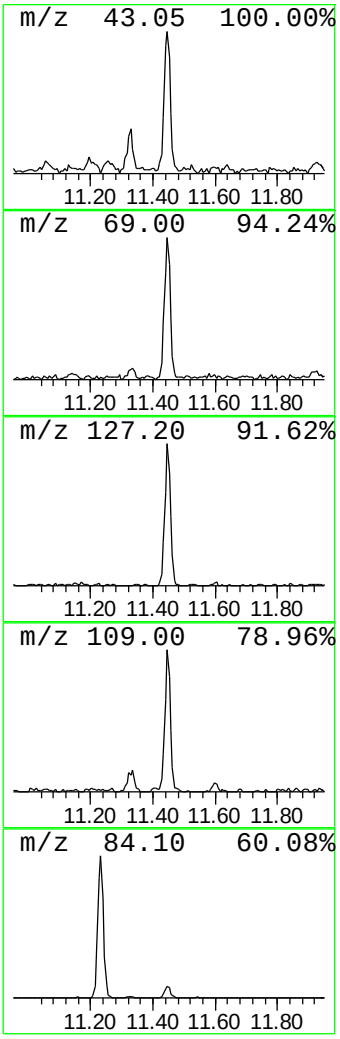
Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	0.86 ug/L	126565	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octanoic acid isopropyl ester	186	C11H22O2	005458-59-3	22
2	Pyridine, 4-hydrazino-	109	C5H7N3	1000362-57-5	11
3	Benzaldehyde, 3-bromo-4-[(4-fluo...	338	C15H12BrFO3	1000350-81-1	10
4	3,5-Dinitro-N-[1,2,4]triazol-4-y...	278	C9H6N6O5	1000306-40-8	10
5	Benzene, 1-(bromomethyl)-4-fluoro-	188	C7H6BrF	000459-46-1	10





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	2.17	1.7	ug/L	205361	1	6.83	614338	5.0
Diisopropyl ether	3.82	30.3	ug/L	3718710	1	6.83	614338	5.0
unknown-01	11.45	0.9	ug/L	126565	3	12.06	739913	5.0