LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
Data File : VV011693.D
Acq On : 21 Jun 2019 19:02
Operator : SY/MD
Sample : K3415-14
Misc : 25ML/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALQ1

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_V\METHOD\SOMVTR062119WMA.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	1.312	61	69	80	rVB	61773	72876	5.35%	1.171%
2	1.579	146	152	159	rVB	46447	50696	3.72%	0.815%
3	2.122	312	321	336	rVB	109235	163209	11.98%	2.623%
4	2.216	342	350	365	rBV2	18468	42856	3.15%	0.689%
5	2.650	471	485	503	rVB	164131	350609	25.74%	5.635%
6	3.965	877	894	900	rBV	76311	184959	13.58%	2.972%
7	4.138	934	948	992	rVB	505843	1362060	100.00%	21.890%
8	4.402	1012	1030	1060	rVB4	73640	248535	18.25%	3.994%
9	4.871	1162	1176	1182	rBV8	6333	13890	1.02%	0.223%
10	5.093	1228	1245	1276	rBV2	205562	499552	36.68%	8.028%
11	5.662	1408	1422	1441	rBV	152199	305301	22.41%	4.907%
12	6.116	1548	1563	1581	rBV2	117078	242592	17.81%	3.899%
13	7.029	1830	1847	1862	rBV2	46482	90246	6.63%	1.450%
14	7.357	1935	1949	1963	rBV	208311	369330	27.12%	5.936%
15	7.431	1963	1972	1985	rVB2	23124	44466	3.26%	0.715%
16	7.666	2034	2045	2057	rBV2	28903	52799	3.88%	0.849%
17	8.138	2181	2192	2222	rBV	298743	586303	43.05%	9.423%
18	8.286	2229	2238	2255	rVB2	43654	75042	5.51%	1.206%
19	8.894	2414	2427	2447	rBV	218113	374904	27.52%	6.025%
20	10.260	2839	2852	2865	rBV	85146	134822	9.90%	2.167%
21	11.296	3161	3174	3196	rBV	188982	312356	22.93%	5.020%
22	11.575	3247	3261	3279	rBV2	132267	261679	19.21%	4.205%
23	11.672	3281	3291	3307	rVB	203261	333319	24.47%	5.357%
24	12.395	3505	3516	3531	rBV8	14348	28092	2.06%	0.451%
25	12.717	3607	3616	3626	rBV5	12893	21876	1.61%	0.352%

Sum of corrected areas: 6222369

LSC Report - Integrated Chromatogram

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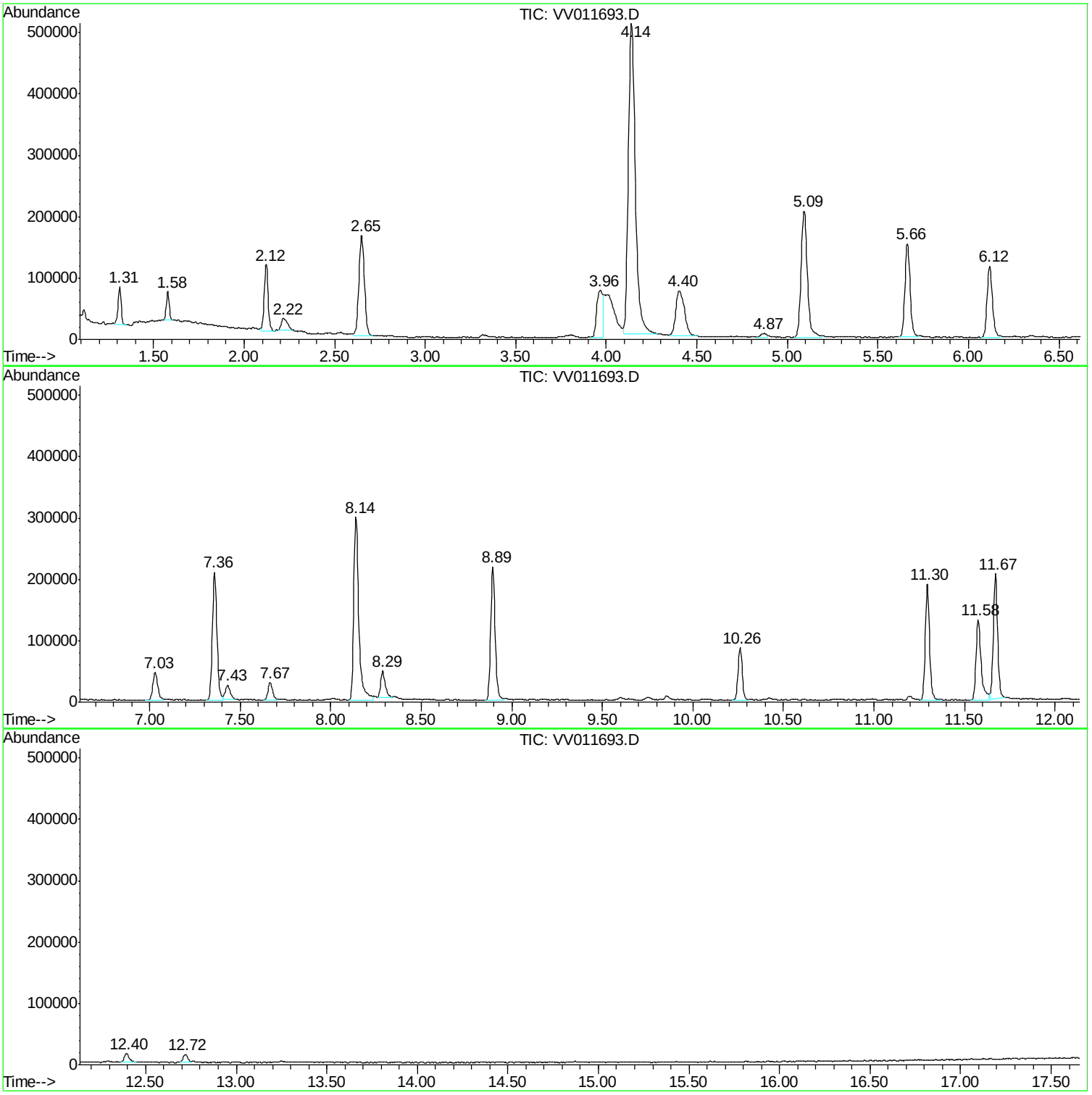
Instrument : MSVOA_V
ClientSampleId : GALQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.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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Quant Title : TRACE VOA SOM01.0

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

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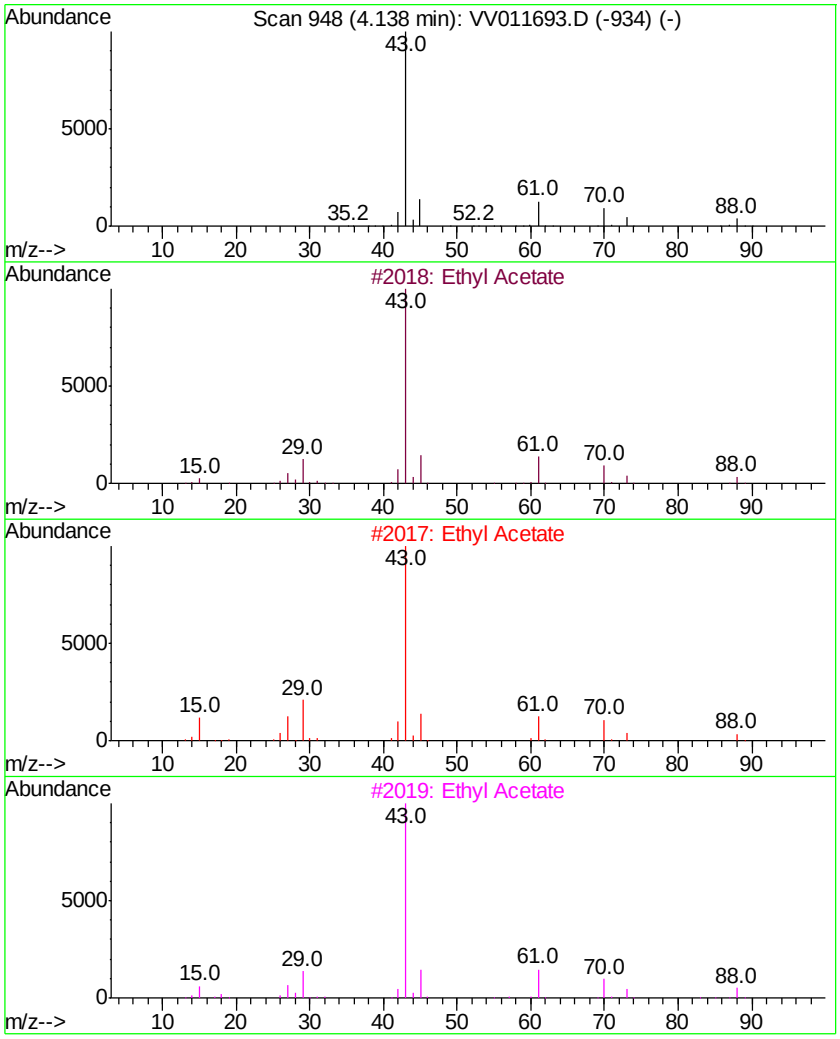
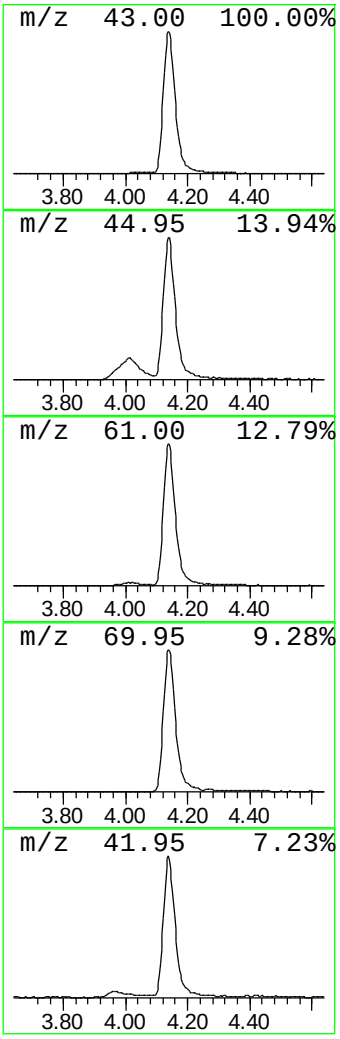
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	22.31 ug/L	1362060	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	59
4	Ethyl Acetate	88	C4H8O2	000141-78-6	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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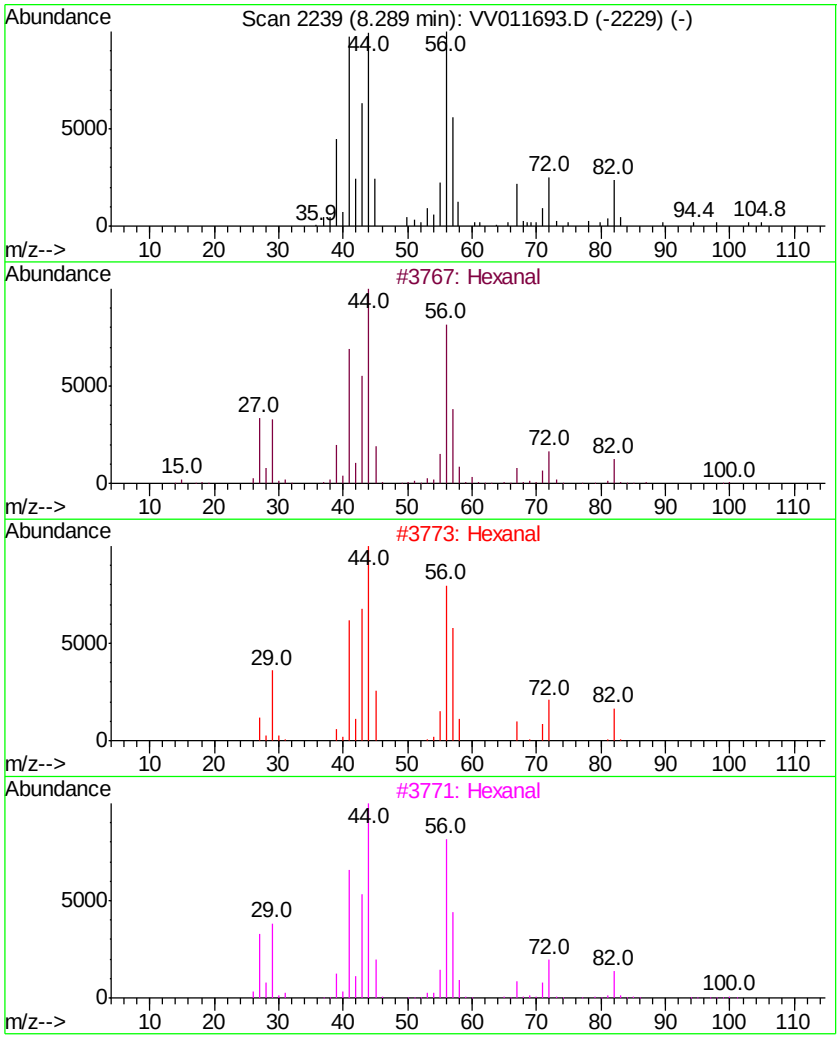
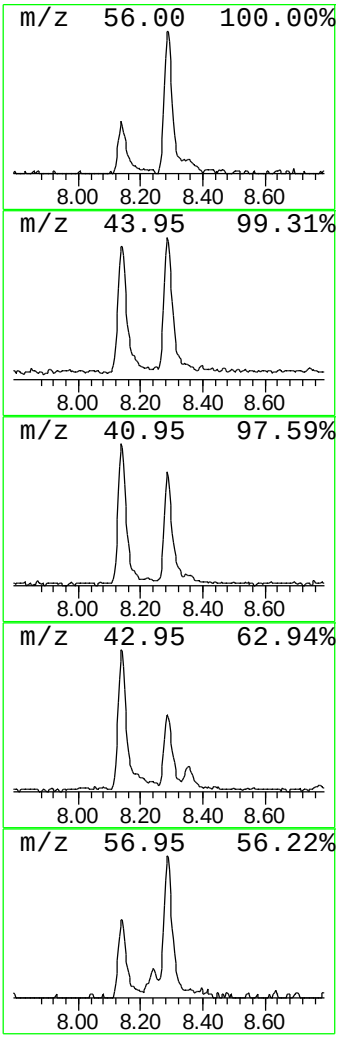
Peak Number 4 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	1.00 ug/L	75042	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	50
5	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	43





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ClientSampleId : GALQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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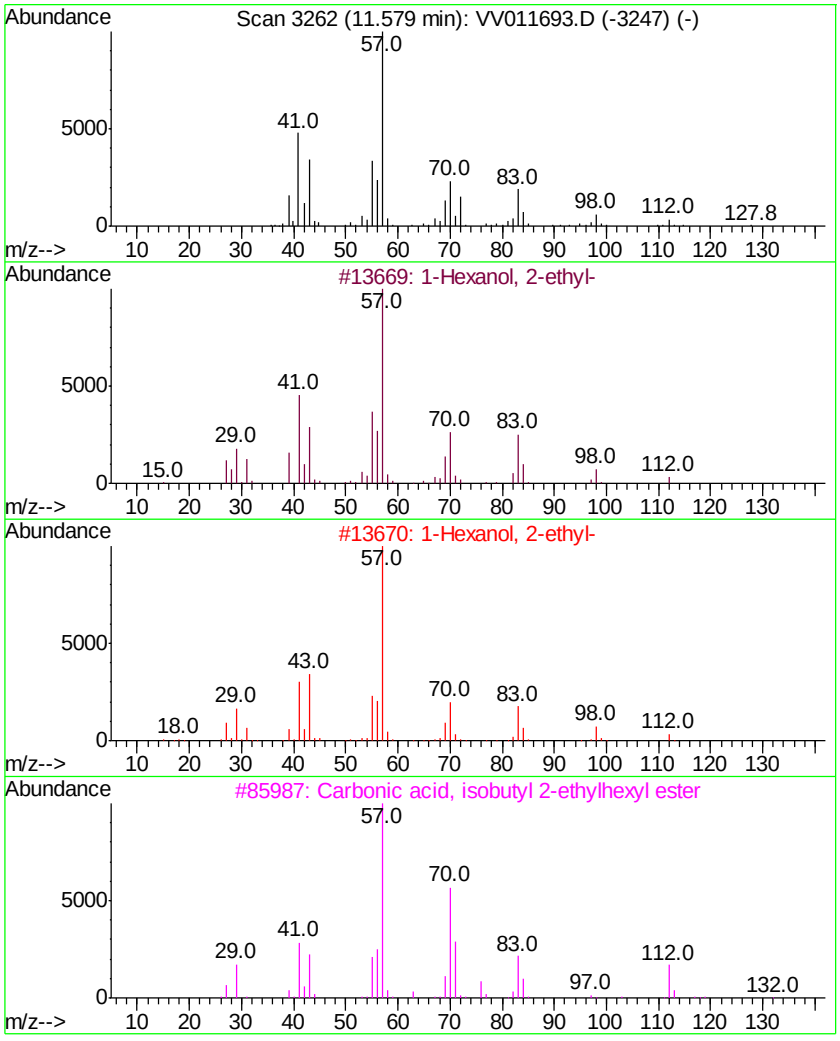
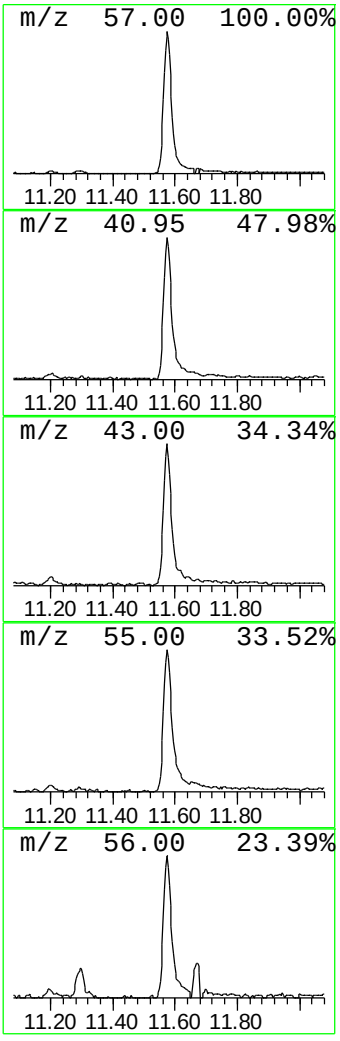
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.19 ug/L	261679	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	53
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





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 Acetate	4.14	22.3	ug/L	1362060	1	5.66	305301	5.0
Hexanal	8.29	1.0	ug/L	75042	2	8.89	374904	5.0
1-Hexanol, 2-ethyl-	11.58	4.2	ug/L	261679	3	11.30	312356	5.0