LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
Data File : VV010526.D
Acq On : 27 Apr 2019 03:56
Operator : SY/MD
Sample : K2586-04
Misc : 25mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X18

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\SOMVTR042719WMA.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	1.116	3	8	16	rVB	96200	89709	11.98%	1.248%
2	1.219	35	40	46	rVB	21319	19872	2.65%	0.277%
3	1.315	62	70	83	rVB	87159	99786	13.33%	1.388%
4	1.505	114	129	130	rBV8	7048	10262	1.37%	0.143%
5	1.563	138	147	159	rVB	59495	72770	9.72%	1.013%
6	1.759	197	208	218	rVB	38160	49995	6.68%	0.696%
7	2.123	311	321	333	rVV	163329	224683	30.01%	3.126%
8	2.190	333	342	352	rVB	35695	52261	6.98%	0.727%
9	2.319	371	382	397	rVB2	21222	42939	5.73%	0.597%
10	2.653	476	486	500	rBV2	7817	16816	2.25%	0.234%
11	3.936	872	885	912	rBV2	88605	258887	34.57%	3.602%
12	4.129	933	945	963	rBV2	38453	89547	11.96%	1.246%
13	4.399	1012	1029	1050	rBV	142932	344138	45.96%	4.789%
14	5.093	1227	1245	1268	rBV3	305388	748809	100.00%	10.419%
15	5.663	1407	1422	1441	rBV	249444	505600	67.52%	7.035%
16	5.958	1501	1514	1531	rVB6	14196	30250	4.04%	0.421%
17	6.116	1547	1563	1587	rBV	169742	346482	46.27%	4.821%
18	7.029	1834	1847	1866	rBV2	76585	142822	19.07%	1.987%
19	7.360	1936	1950	1969	rBV	353831	655155	87.49%	9.116%
20	7.662	2034	2044	2058	rBV2	47051	80851	10.80%	1.125%
21	8.016	2134	2154	2173	rBV	171505	317592	42.41%	4.419%
22	8.132	2179	2190	2224	rBV	371668	655648	87.56%	9.123%
23	8.894	2414	2427	2456	rBV	373953	647939	86.53%	9.016%
24	10.260	2841	2852	2867	rBV2	135143	213398	28.50%	2.969%
25	10.424	2894	2903	2914	rVB2	11913	19474	2.60%	0.271%
26	11.141	3117	3126	3137	rVB2	7228	11434	1.53%	0.159%
27	11.296	3160	3174	3197	rBV	365790	596791	79.70%	8.304%
28	11.576	3248	3261	3279	rBV2	98422	175540	23.44%	2.443%
29	11.672	3279	3291	3309	rVB	414492	667171	89.10%	9.284%

Sum of corrected areas: 7186621

LSC Report - Integrated Chromatogram

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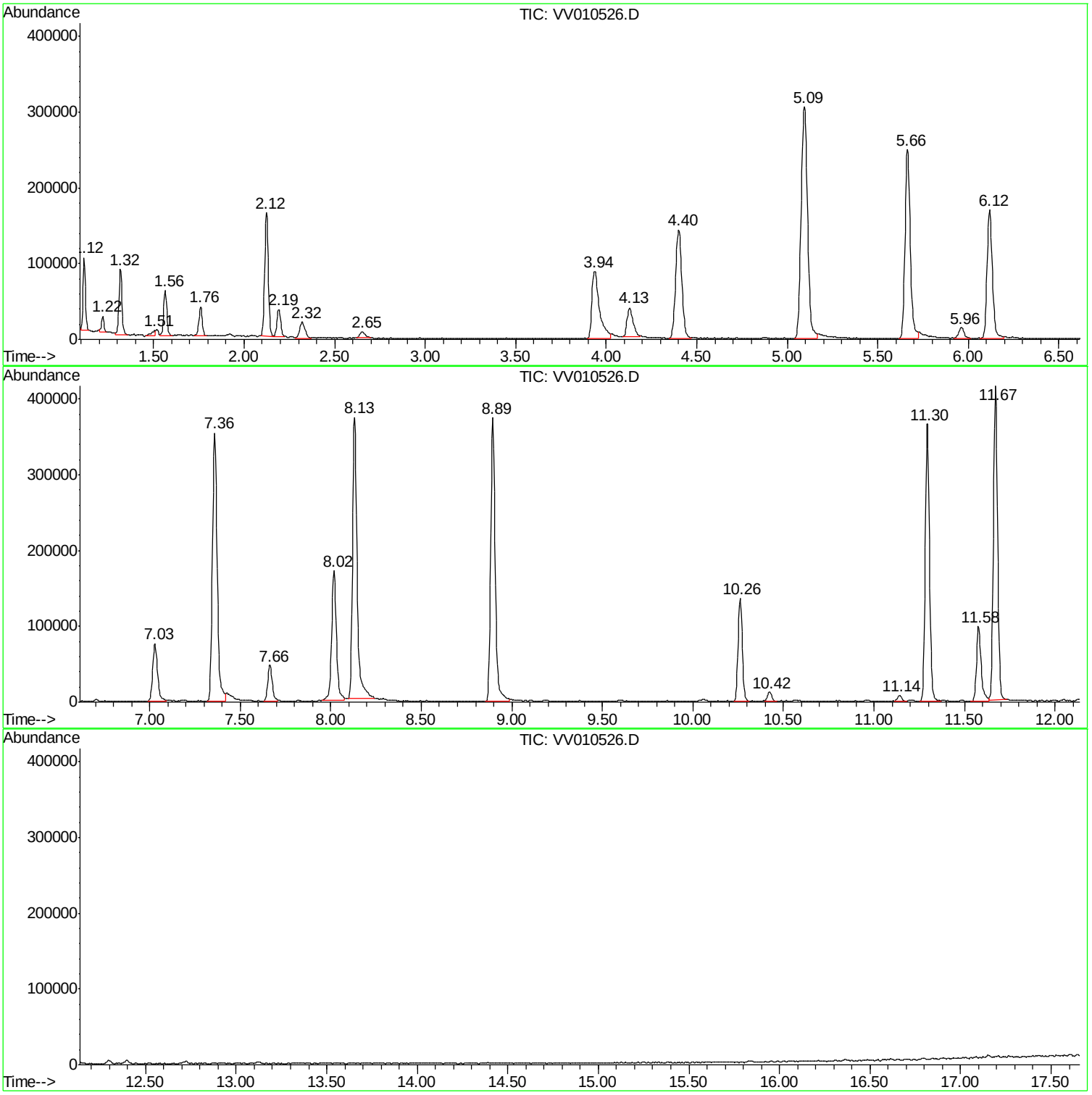
Instrument : MSVOA_V
ClientSampleId : C0X18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.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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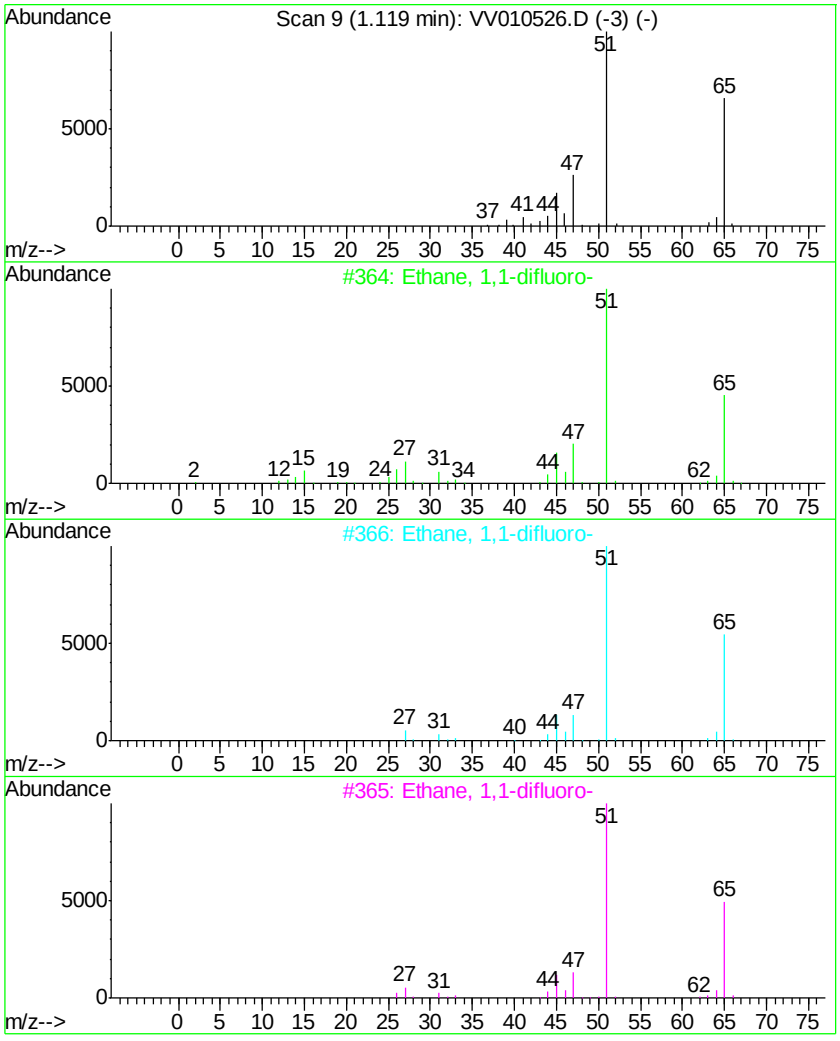
TIC Integration Parameters: LSCINT.P

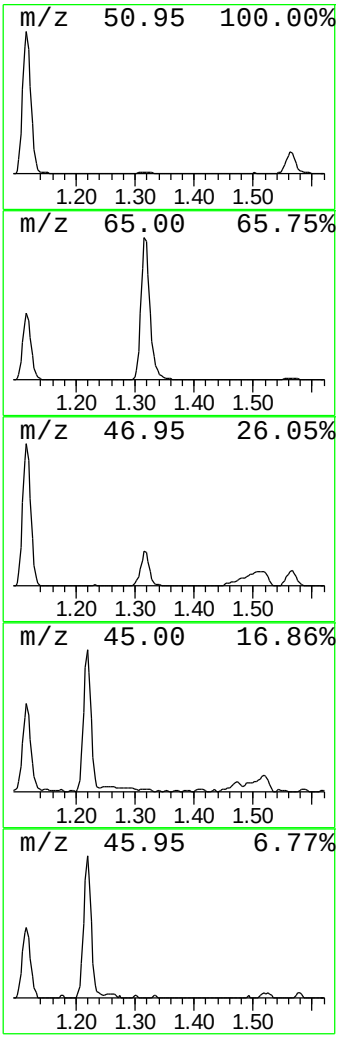
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.89 ug/L	89709	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

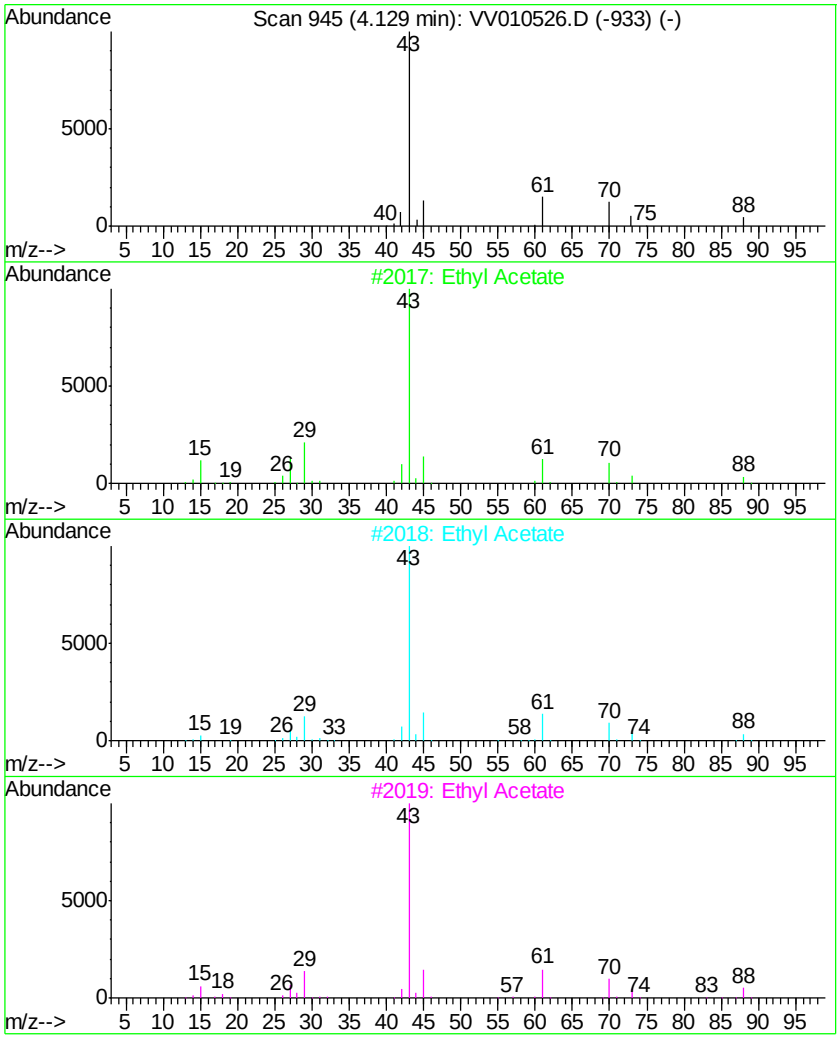
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

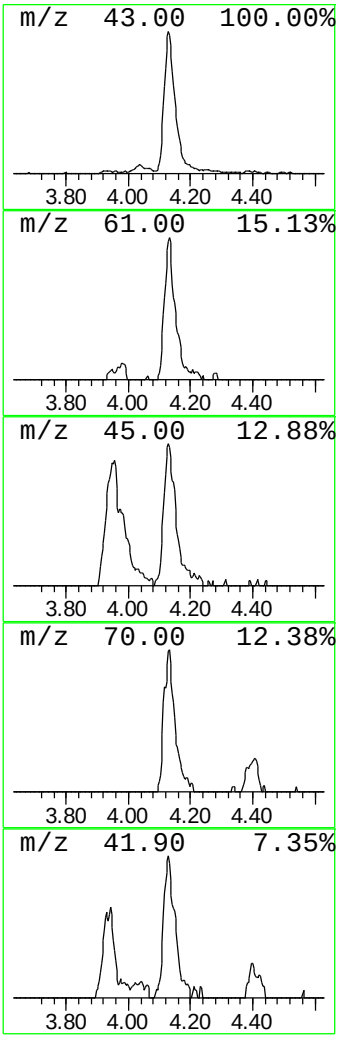
****

Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.89 ug/L	89547	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

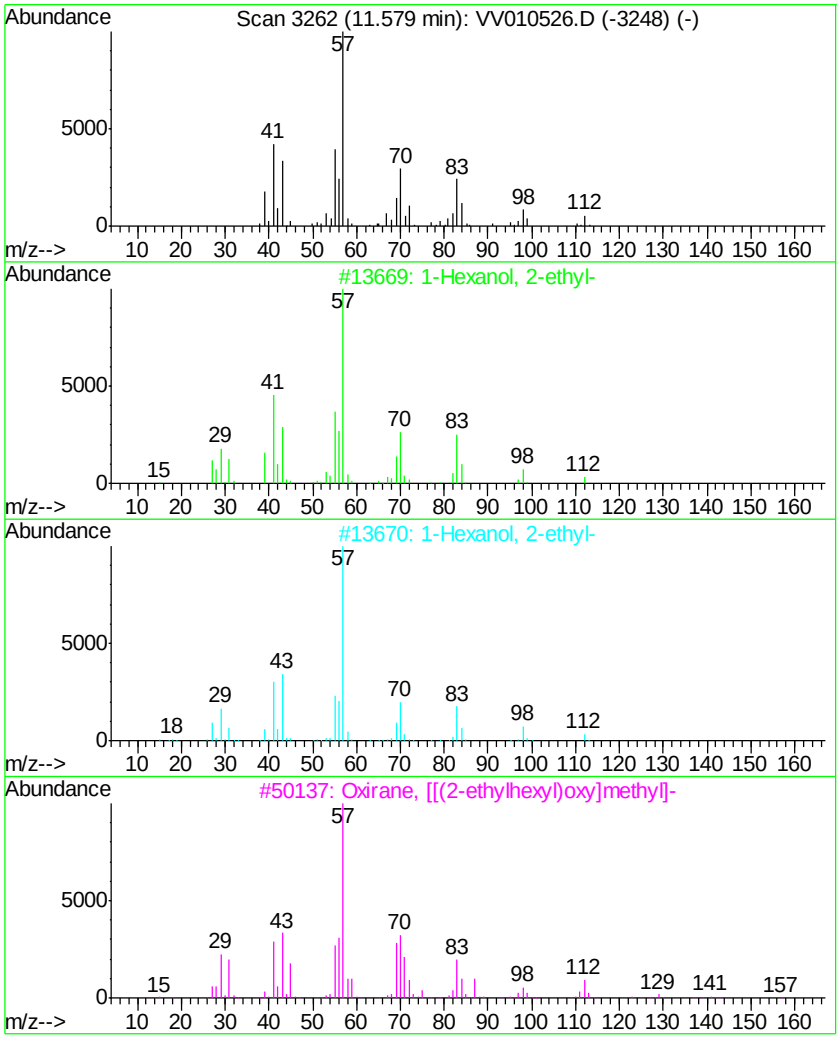
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

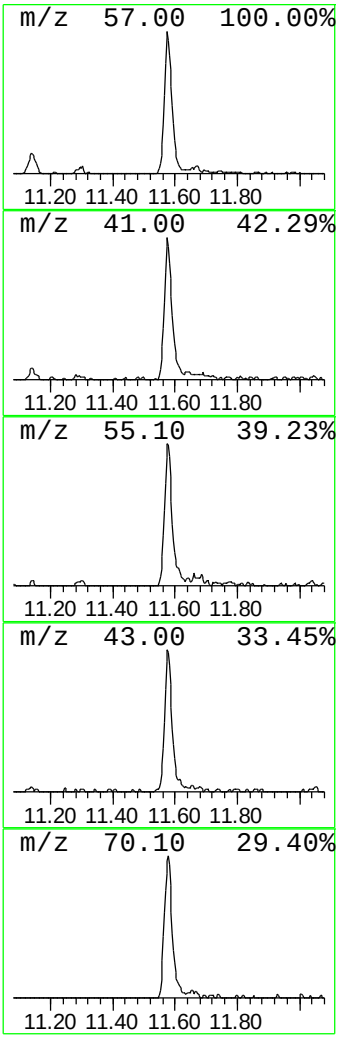
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.47 ug/L	175540	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	78
3	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	64
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	56
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





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
Ethane, 1,1-diflu...	1.12	0.9	ug/L	89709	1	5.66	505600	5.0
Ethyl Acetate	4.13	0.9	ug/L	89547	1	5.66	505600	5.0
1-Hexanol, 2-ethyl-	11.58	1.5	ug/L	175540	3	11.30	596791	5.0