LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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	15	rVB	60795	57429	7.65%	0.900%
2	1.219	35	40	51	rVB2	18030	20058	2.67%	0.314%
3	1.315	62	70	85	rVB	89600	98196	13.08%	1.538%
4	1.566	137	148	158	rBV	56679	71409	9.51%	1.119%
5	2.122	311	321	332	rVV	156911	219288	29.21%	3.436%
6	2.187	332	341	353	rVB	28617	42045	5.60%	0.659%
7	2.312	368	380	392	rVB2	9259	15394	2.05%	0.241%
8	2.650	472	485	505	rBV2	6091	15995	2.13%	0.251%
9	3.933	868	884	912	rBV2	82294	232955	31.03%	3.650%
10	4.125	932	944	966	rBV2	52573	129669	17.27%	2.032%
11	4.399	1009	1029	1055	rBV2	130687	332802	44.32%	5.214%
12	5.093	1228	1245	1279	rBV2	303552	750847	100.00%	11.763%
13	5.662	1407	1422	1450	rBV	236671	495297	65.97%	7.760%
14	6.116	1549	1563	1590	rBV	165617	338280	45.05%	5.300%
15	7.029	1835	1847	1863	rBV2	70034	128039	17.05%	2.006%
16	7.360	1937	1950	1968	rBV	328564	607535	80.91%	9.518%
17	7.662	2034	2044	2060	rBV2	41668	71641	9.54%	1.122%
18	8.132	2178	2190	2221	rBV	336975	628559	83.71%	9.848%
19	8.894	2413	2427	2455	rBV	342826	599946	79.90%	9.399%
20	10.058	2779	2789	2799	rBV3	4821	8953	1.19%	0.140%
21	10.260	2840	2852	2868	rBV2	128108	206010	27.44%	3.228%
22	10.427	2894	2904	2913	rVB3	8615	12921	1.72%	0.202%
23	11.296	3162	3174	3197	rBV	345011	562661	74.94%	8.815%
24	11.579	3250	3262	3279	rBV2	60604	106061	14.13%	1.662%
25	11.672	3279	3291	3308	rVB	389051	630915	84.03%	9.884%

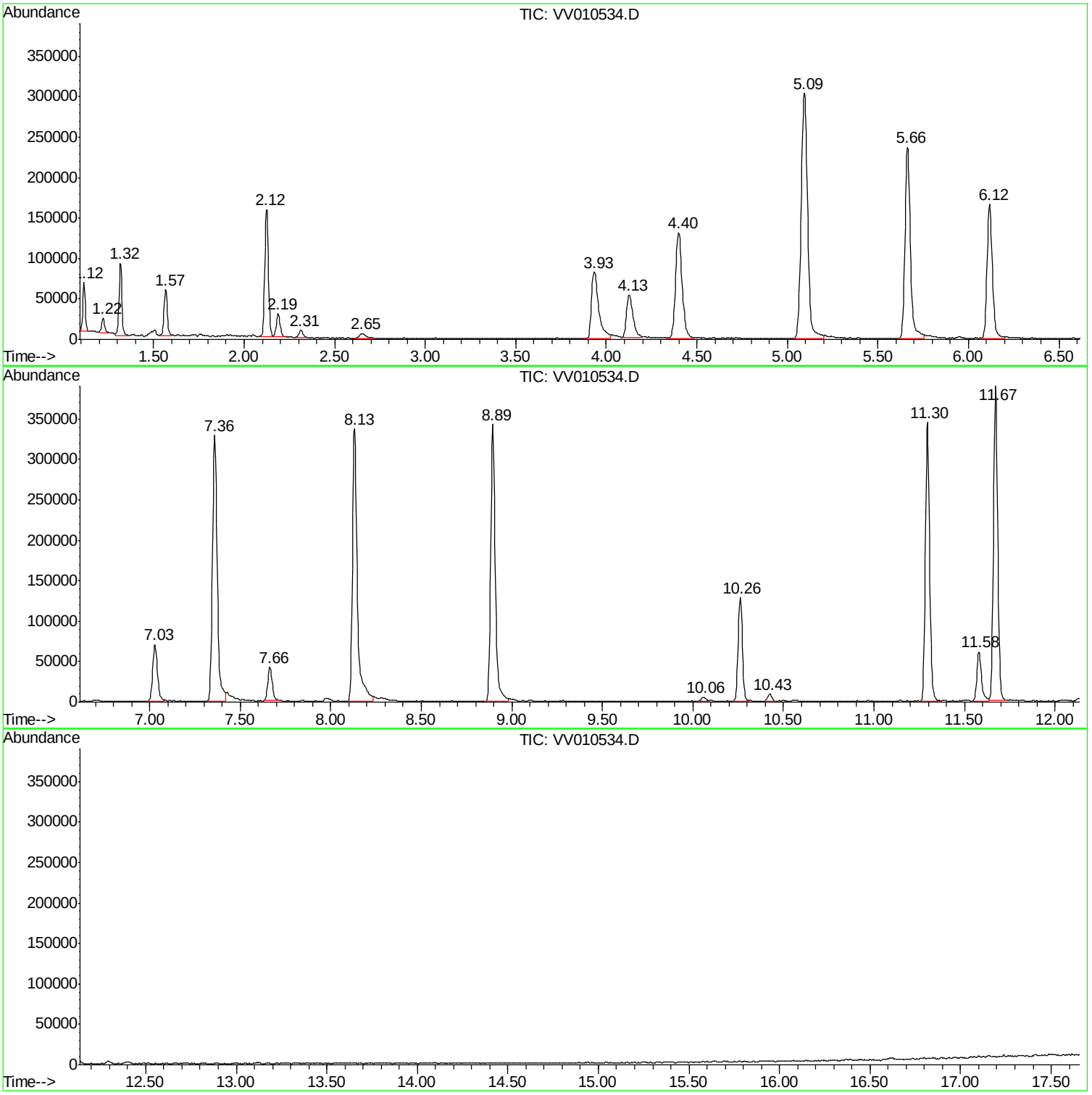
Sum of corrected areas: 6382905

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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

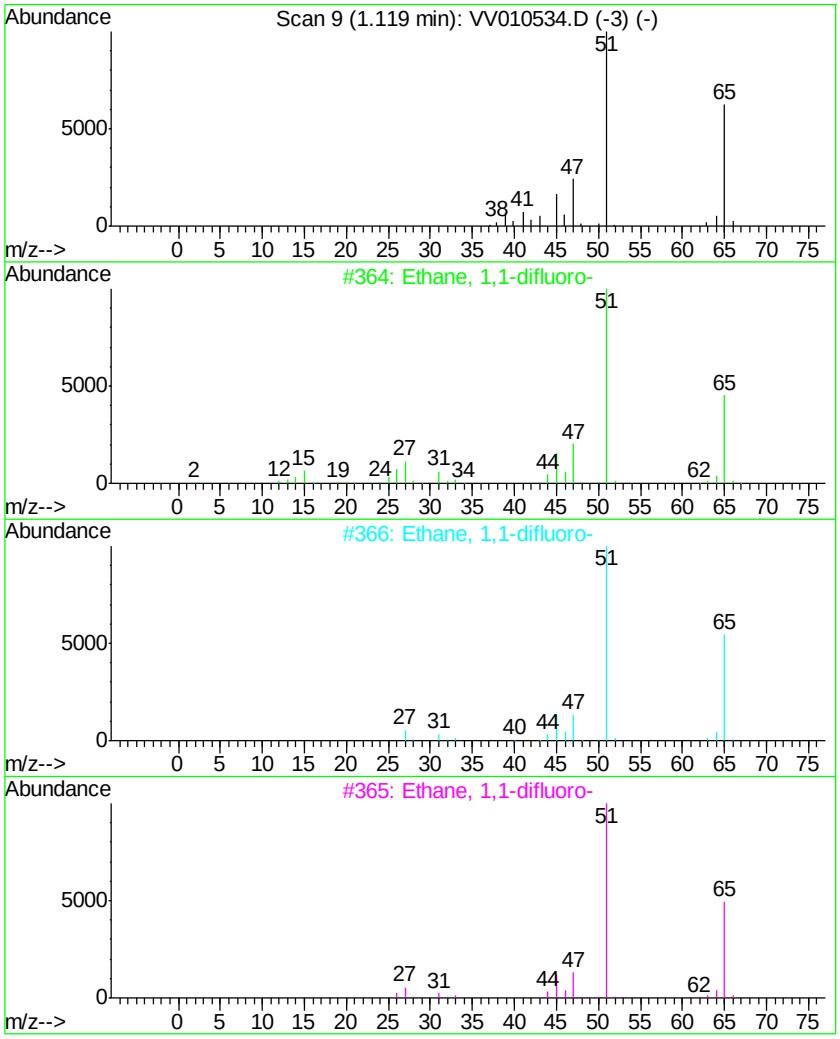
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

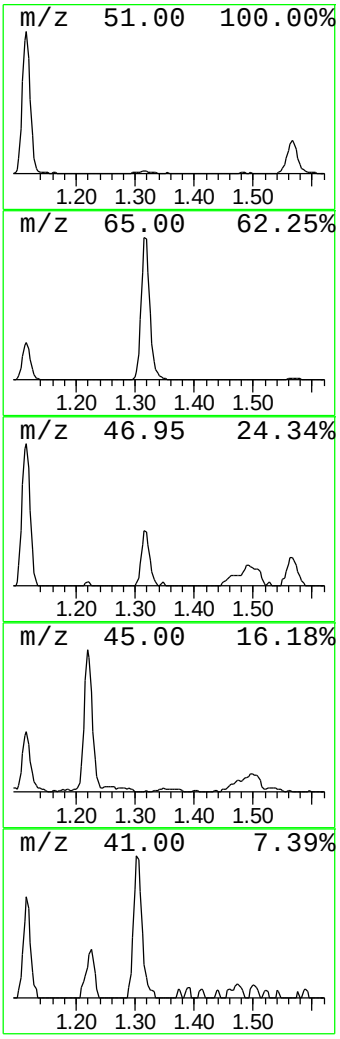
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.58 ug/L	57429	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	83
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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

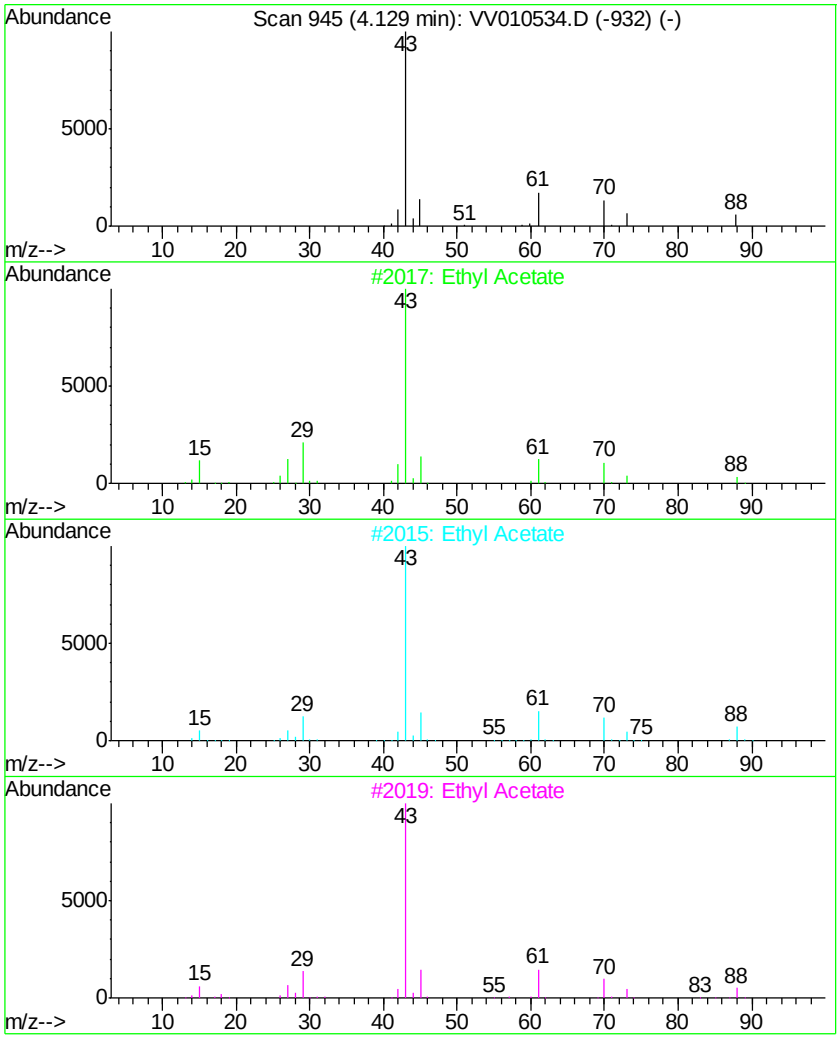
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

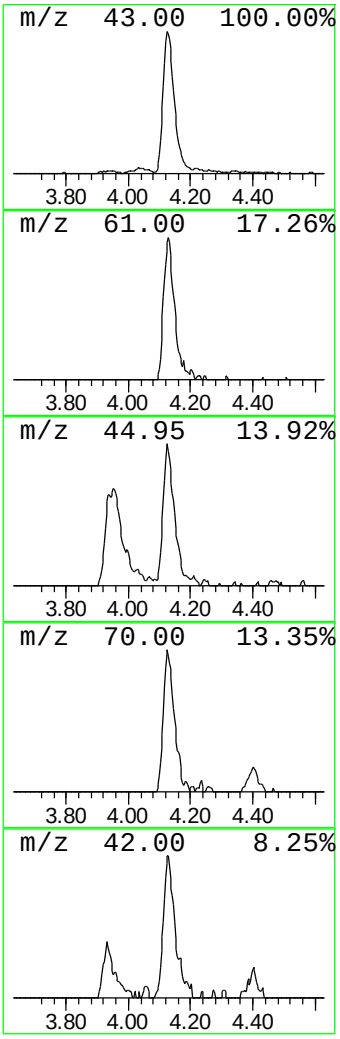
****

Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	1.31 ug/L	129669	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	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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

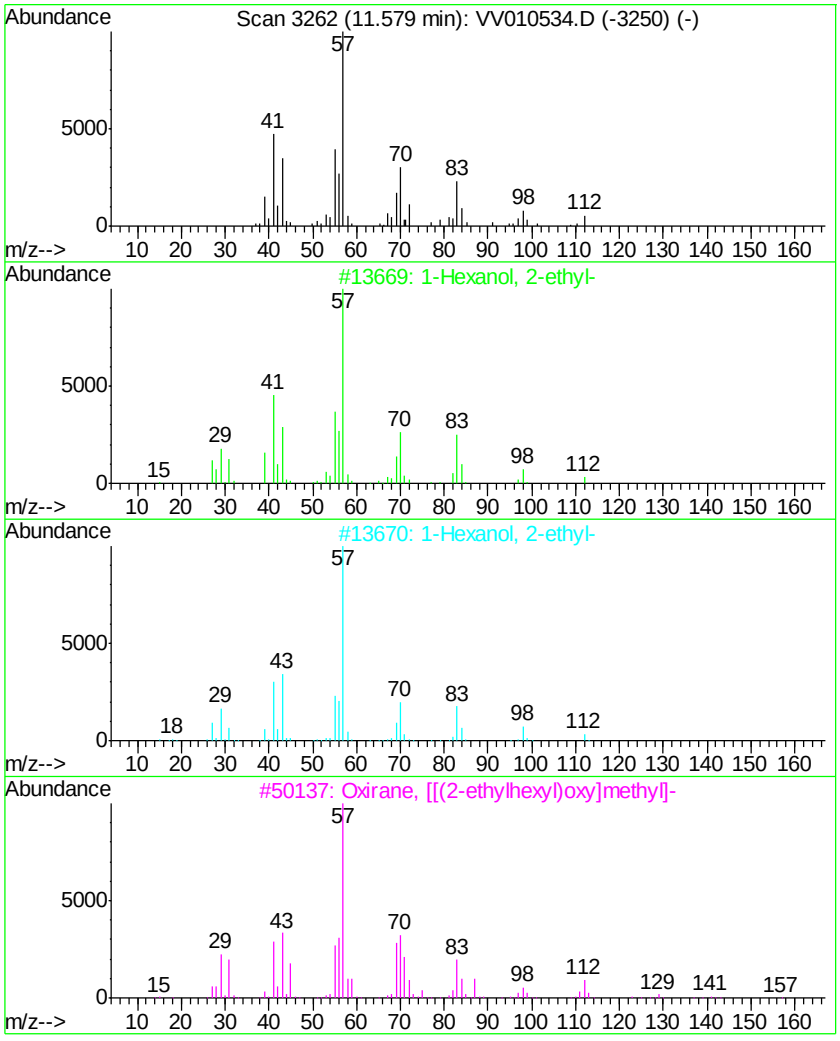
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

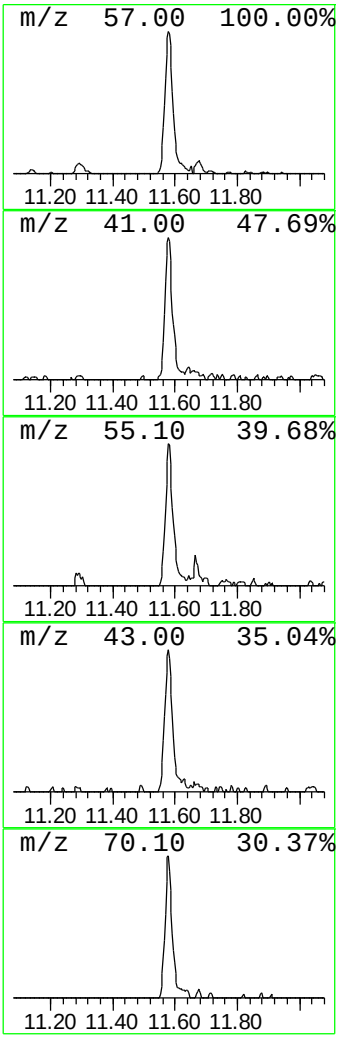
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.94 ug/L	106061	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X45

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.12	0.6	ug/L	57429	1	5.66	495297	5.0
Ethyl Acetate	4.13	1.3	ug/L	129669	1	5.66	495297	5.0
1-Hexanol, 2-ethyl-	11.58	0.9	ug/L	106061	3	11.30	562661	5.0