LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
Data File : VV010536.D
Acq On : 27 Apr 2019 08:09
Operator : SY/MD
Sample : K2586-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X56

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	22	rVB	58008	60424	8.23%	0.931%
2	1.222	36	41	49	rVB2	18618	20655	2.81%	0.318%
3	1.319	63	71	91	rVB	91086	99718	13.59%	1.537%
4	1.569	142	149	159	rVB	57129	68382	9.32%	1.054%
5	1.765	201	210	224	rVB	31370	43825	5.97%	0.675%
6	2.126	312	322	334	rBV	150830	215298	29.34%	3.318%
7	2.190	334	342	353	rVB	22270	33850	4.61%	0.522%
8	2.315	371	381	392	rVB2	9656	17695	2.41%	0.273%
9	2.656	474	487	505	rBV2	8895	20886	2.85%	0.322%
10	3.936	872	885	909	rBV2	90091	270745	36.90%	4.172%
11	4.399	1007	1029	1056	rBV	134084	344366	46.93%	5.307%
12	5.093	1224	1245	1268	rBV2	298273	733770	100.00%	11.308%
13	5.662	1405	1422	1441	rBV	242119	504531	68.76%	7.775%
14	5.961	1502	1515	1531	rBV7	21133	42461	5.79%	0.654%
15	6.116	1549	1563	1580	rBV	165496	337443	45.99%	5.200%
16	7.029	1834	1847	1863	rBV2	74113	134481	18.33%	2.072%
17	7.360	1936	1950	1971	rBV	335360	624866	85.16%	9.629%
18	7.662	2033	2044	2066	rBV	42462	74542	10.16%	1.149%
19	8.019	2147	2155	2167	rVB3	20629	34563	4.71%	0.533%
20	8.132	2179	2190	2222	rBV	334098	614985	83.81%	9.477%
21	8.894	2414	2427	2453	rBV	368696	647444	88.24%	9.977%
22	10.058	2780	2789	2800	rBV4	4609	8830	1.20%	0.136%
23	10.260	2841	2852	2869	rBV	130167	206080	28.09%	3.176%
24	10.424	2892	2903	2915	rVB4	10683	18568	2.53%	0.286%
25	11.296	3162	3174	3198	rBV	358490	582818	79.43%	8.982%
26	11.579	3252	3262	3278	rBV2	49023	89311	12.17%	1.376%
27	11.672	3278	3291	3308	rVB	392095	628085	85.60%	9.679%
28	12.299	3473	3486	3494	rBV2	6247	10459	1.43%	0.161%

Sum of corrected areas: 6489081

LSC Report - Integrated Chromatogram

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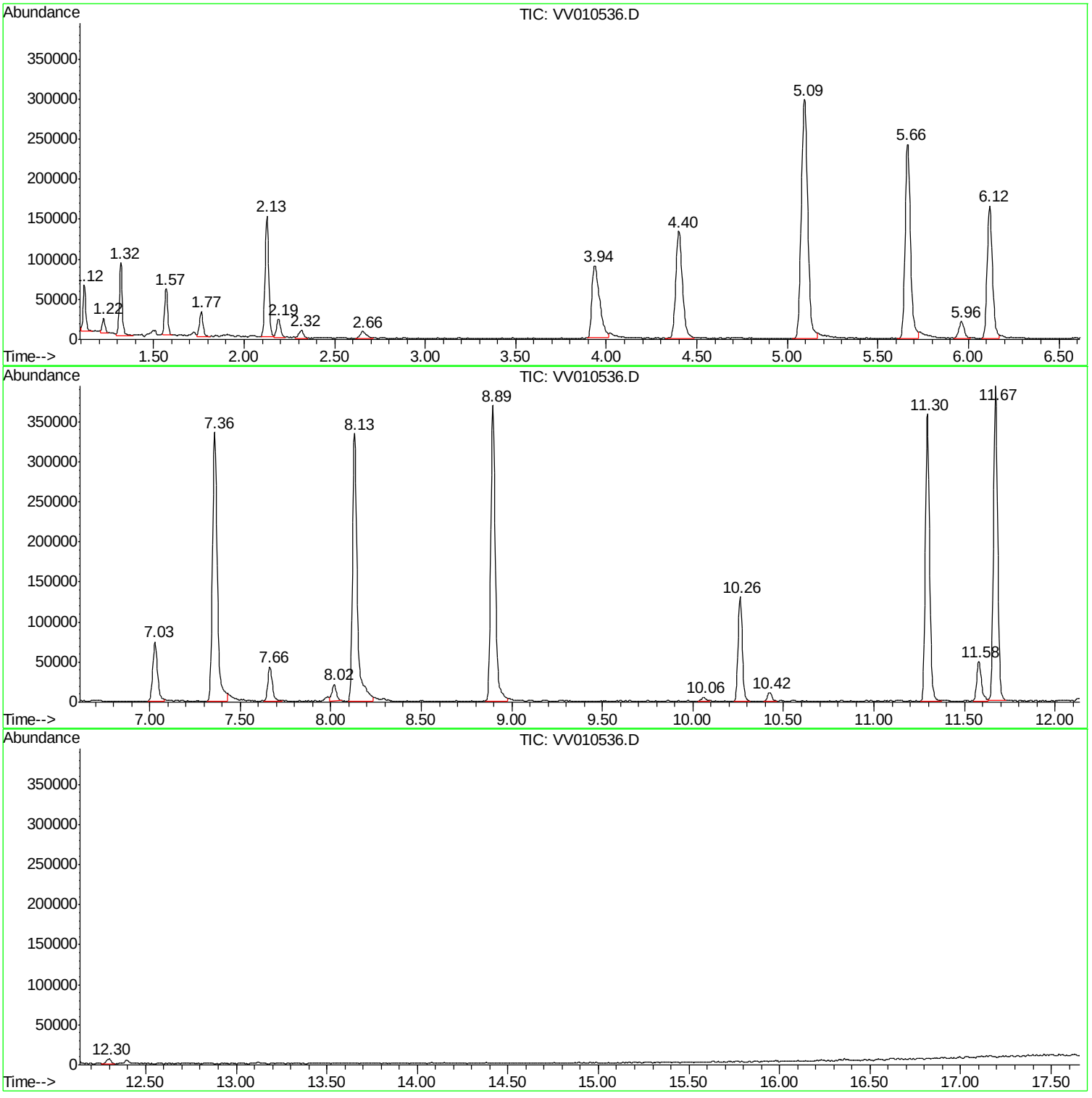
Instrument : MSVOA_V
ClientSampleId : C0X56

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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Instrument : MSVOA_V
ClientSampleId : C0X56

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

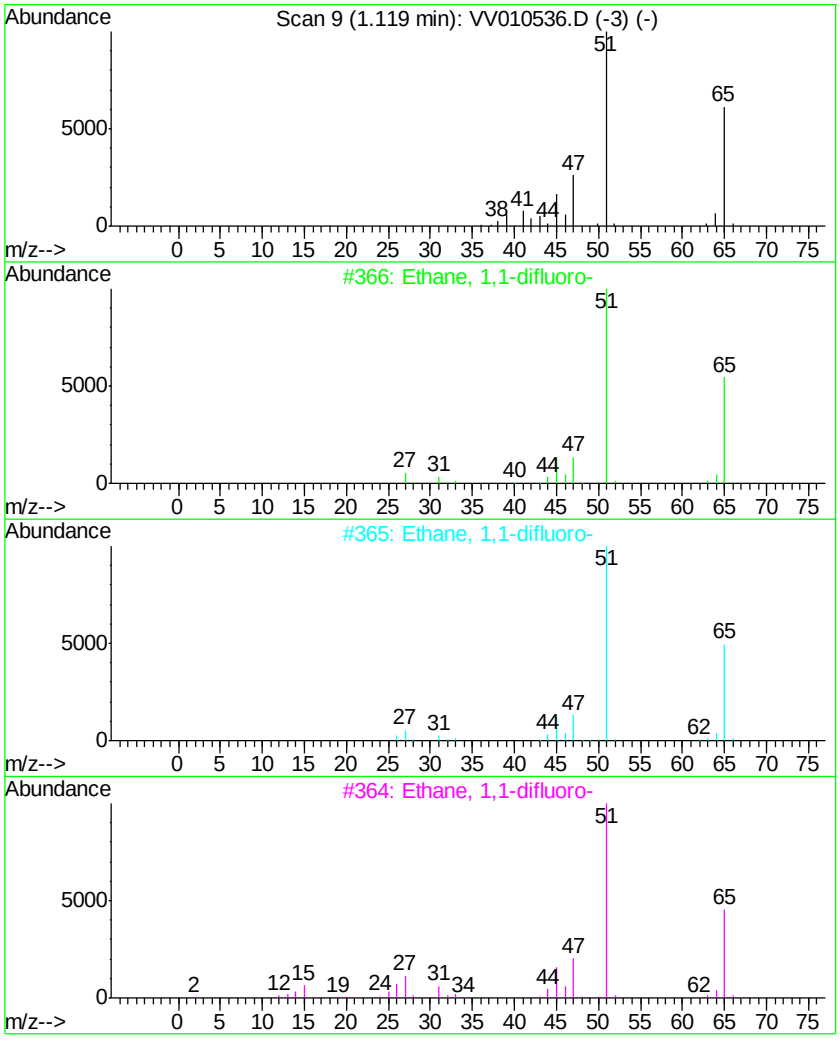
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

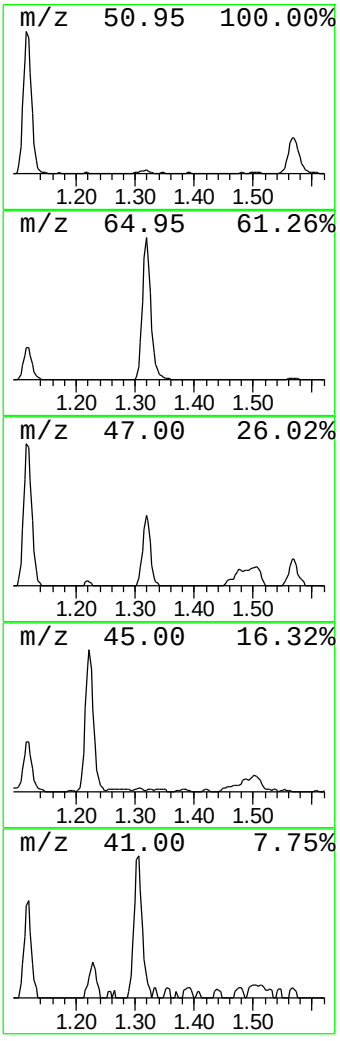
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.60 ug/L	60424	1,4-Difluorobenzene	5.67

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	58
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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ClientSampleId : C0X56

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

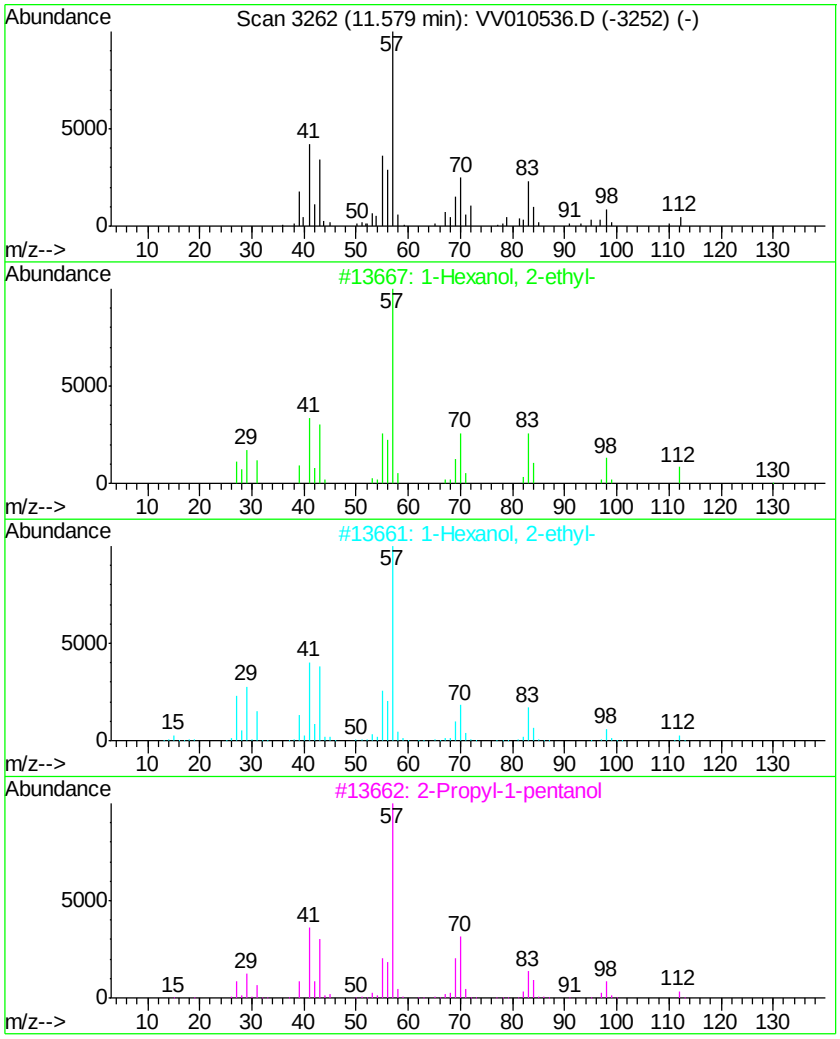
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

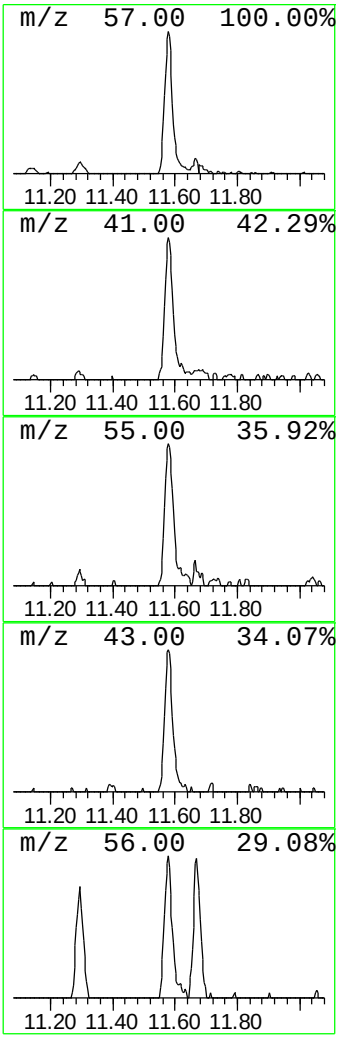
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.77 ug/L	89311	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
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	0.6	ug/L	60424	1	5.67	504531	5.0
1-Hexanol, 2-ethyl-	11.58	0.8	ug/L	89311	3	11.30	582818	5.0