LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
Data File : VU029767.D
Acq On : 01 Mar 2019 16:30
Operator : JC/SP
Sample : K1660-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY9

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_U\METHOD\SOMUTR022119WMA.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	1.395	86	95	105	rBV	140605	150677	17.68%	2.076%
2	1.678	175	183	198	rVB	102592	128005	15.02%	1.764%
3	2.273	357	368	379	rBV	228360	348498	40.90%	4.802%
4	2.447	412	422	435	rBV2	29399	52781	6.19%	0.727%
5	4.190	948	964	1009	rBV2	116260	347383	40.76%	4.786%
6	4.646	1089	1106	1133	rBV	134183	331430	38.89%	4.567%
7	5.334	1297	1320	1350	rBV2	297126	812320	95.32%	11.192%
8	5.884	1477	1491	1518	rBV	251804	501864	58.89%	6.915%
9	6.328	1615	1629	1648	rBV	181073	366629	43.02%	5.052%
10	7.225	1897	1908	1928	rBV	90586	169370	19.88%	2.334%
11	7.562	1999	2013	2027	rBV	395825	698225	81.94%	9.620%
12	7.636	2027	2036	2057	rVB	52246	97962	11.50%	1.350%
13	7.849	2092	2102	2125	rVB2	54337	97213	11.41%	1.339%
14	8.312	2235	2246	2281	rBV	464224	852167	100.00%	11.742%
15	9.086	2474	2487	2520	rBV	370341	632211	74.19%	8.711%
16	10.430	2894	2905	2920	rBV	149821	242514	28.46%	3.341%
17	10.607	2944	2960	2970	rBV2	12454	20608	2.42%	0.284%
18	11.328	3167	3184	3196	rBV	62990	102934	12.08%	1.418%
19	11.482	3220	3232	3255	rBV	389984	634336	74.44%	8.740%
20	11.749	3303	3315	3335	rBV3	12211	28749	3.37%	0.396%
21	11.858	3337	3349	3373	rVV	384765	641857	75.32%	8.844%

Sum of corrected areas: 7257733

LSC Report - Integrated Chromatogram

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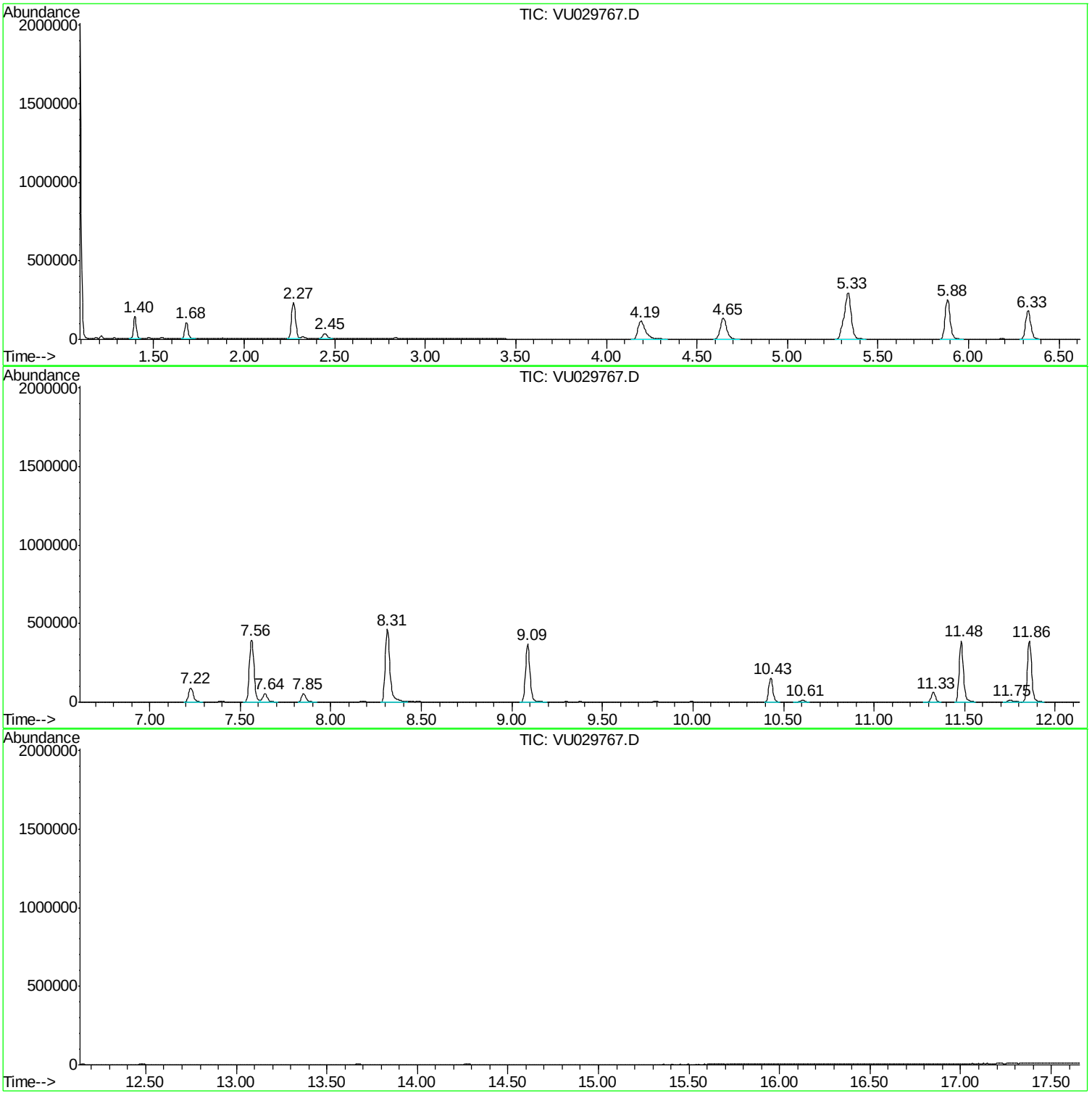
Instrument : MSVOA_U
ClientSampleId : CWJY9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.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 U\DATA\VU030119\
Data File : VU029767.D
Acq On : 01 Mar 2019 16:30
Operator : JC/SP
Sample : K1660-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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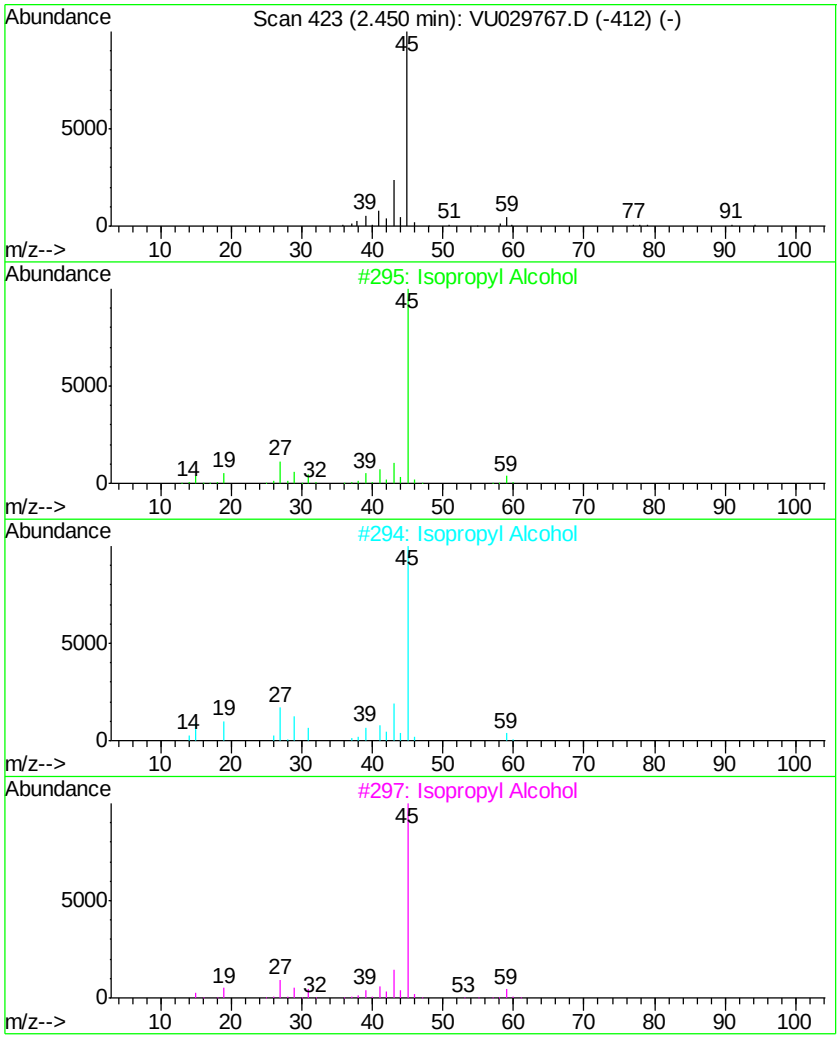
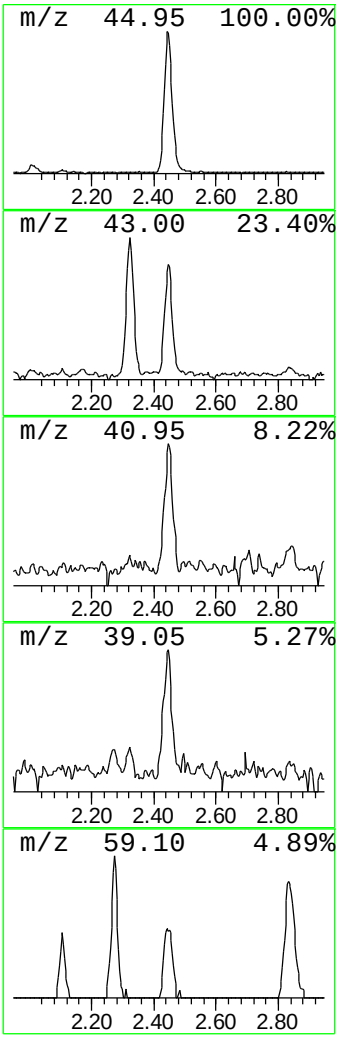
Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.53 ug/L	52781	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





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Instrument : MSVOA_U
ClientSampleId : CWJY9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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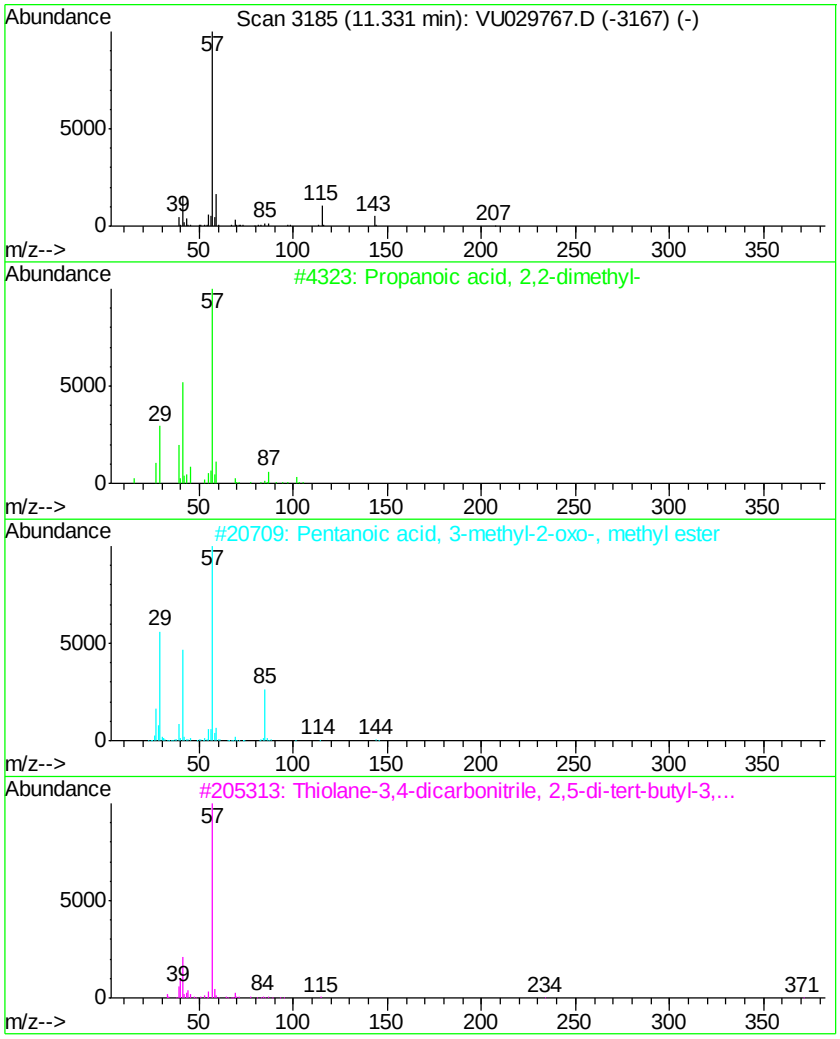
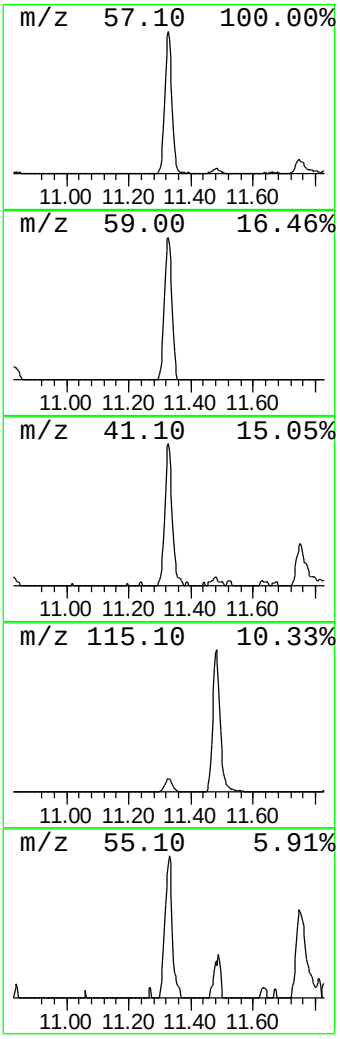
Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	0.81 ug/L	102934	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
2	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	38
3	Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	38
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	33
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	32





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
Isopropyl Alcohol	2.45	0.5	ug/L	52781	1	5.88	501864	5.0
unknown-01	11.33	0.8	ug/L	102934	3	11.48	634336	5.0