LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
Data File : VU032718.D
Acq On : 14 Jun 2019 01:04
Operator : JC/SP
Sample : K3364-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M39

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\SOMUTR060419WMA.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	1.325	69	73	85	rVB	19141	23147	5.93%	0.674%
2	1.392	89	94	104	rBV	43031	46948	12.02%	1.368%
3	1.473	113	119	144	rVB	82309	135837	34.78%	3.957%
4	1.675	177	182	201	rVB	48817	72884	18.66%	2.123%
5	2.267	358	366	378	rVB	73769	108992	27.90%	3.175%
6	4.190	947	964	1000	rBV	55260	175562	44.95%	5.114%
7	4.640	1086	1104	1124	rBV3	65120	170467	43.64%	4.966%
8	5.328	1296	1318	1335	rBV3	116164	329197	84.28%	9.590%
9	5.781	1446	1459	1475	rBV10	4892	14159	3.62%	0.412%
10	5.878	1475	1489	1507	rVB	117915	230456	59.00%	6.713%
11	6.177	1571	1582	1597	rVB3	15093	28502	7.30%	0.830%
12	6.325	1612	1628	1645	rBV	78517	157770	40.39%	4.596%
13	6.649	1711	1729	1745	rBV3	31805	118824	30.42%	3.461%
14	7.218	1898	1906	1922	rVB	48463	91943	23.54%	2.678%
15	7.559	1999	2012	2028	rBV	152166	262708	67.26%	7.653%
16	7.842	2087	2100	2112	rBV	26548	43852	11.23%	1.277%
17	8.308	2233	2245	2272	rBV	218514	390607	100.00%	11.378%
18	9.083	2474	2486	2502	rBV	174499	281589	72.09%	8.203%
19	10.424	2893	2903	2913	rBV	67770	108119	27.68%	3.150%
20	10.479	2913	2920	2927	rBV3	4926	8587	2.20%	0.250%
21	11.250	3150	3160	3167	rBV10	5053	9750	2.50%	0.284%
22	11.476	3219	3230	3248	rVB	186887	290428	74.35%	8.460%
23	11.852	3335	3347	3371	rBV	165420	265124	67.87%	7.723%
24	12.562	3559	3568	3588	rVB5	15273	29053	7.44%	0.846%
25	17.337	5049	5053	5064	rVB2	13700	19134	4.90%	0.557%
26	17.440	5080	5085	5099	rVB2	11611	19218	4.92%	0.560%

Sum of corrected areas: 3432857

LSC Report - Integrated Chromatogram

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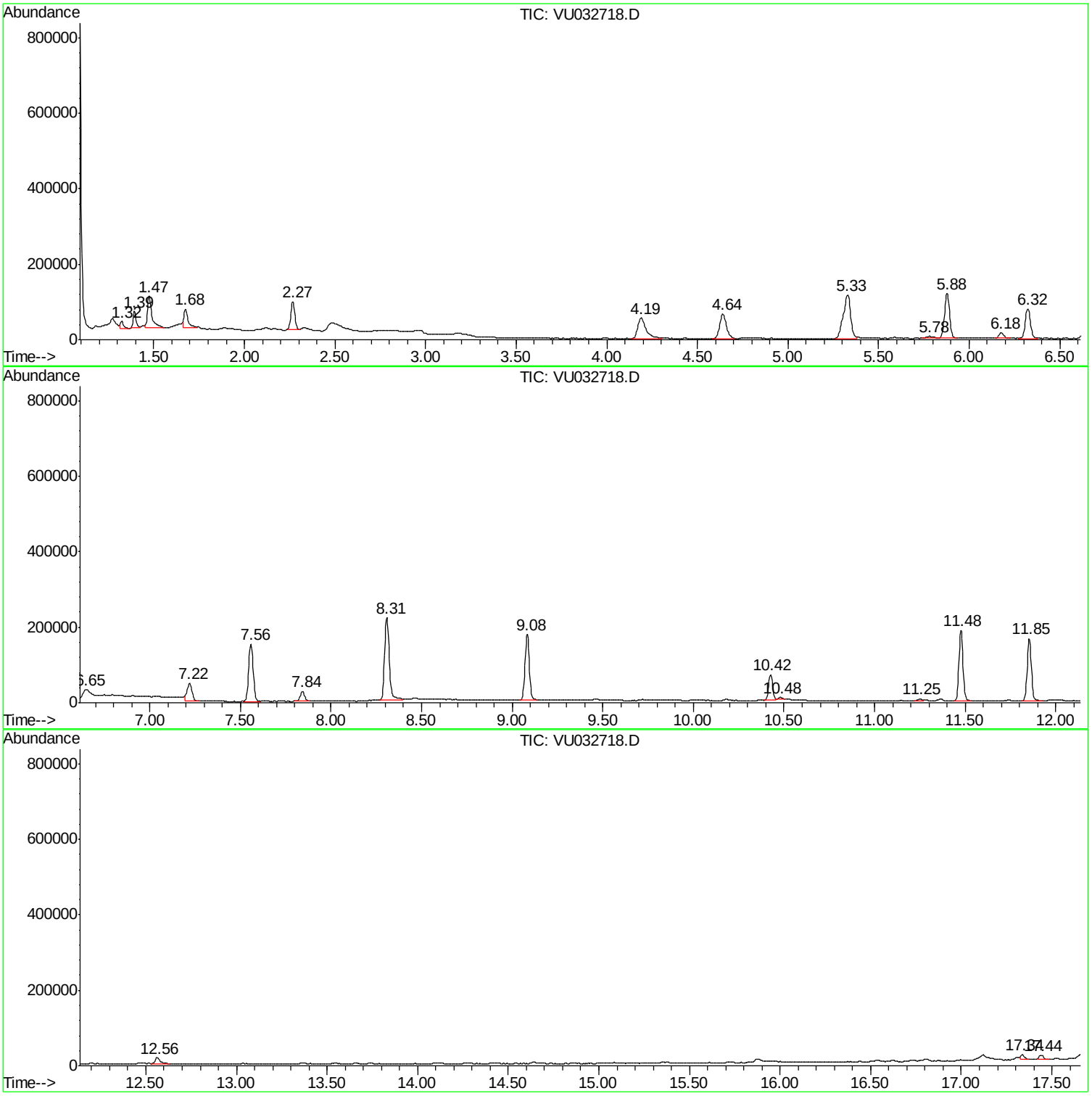
Instrument : MSVOA_U
ClientSampleId : C0M39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.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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Data File : VU032718.D
Acq On : 14 Jun 2019 01:04
Operator : JC/SP
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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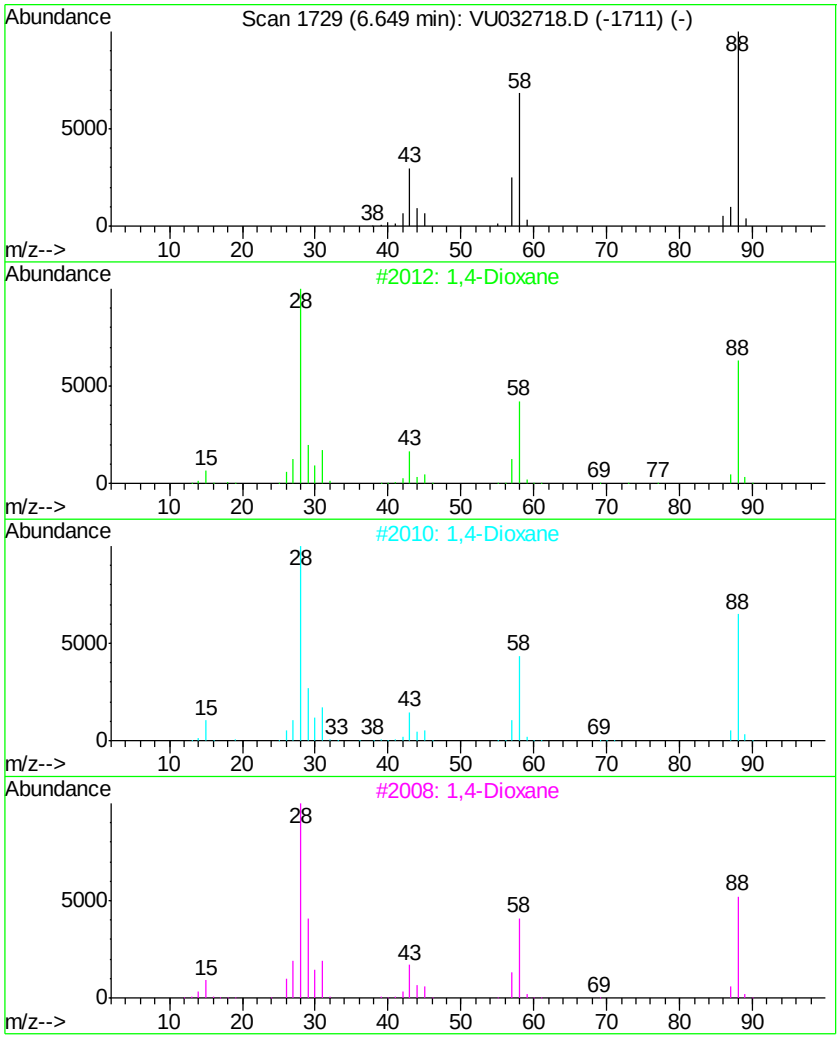
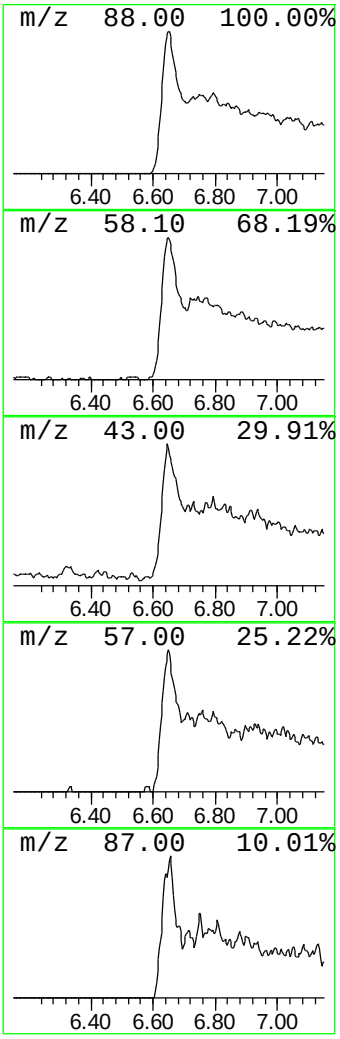
Peak Number 2 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.58 ug/L	118824	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	90
3	1,4-Dioxane	88	C4H8O2	000123-91-1	83
4	1,4-Dioxane	88	C4H8O2	000123-91-1	83
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	40





Library Search Compound Report

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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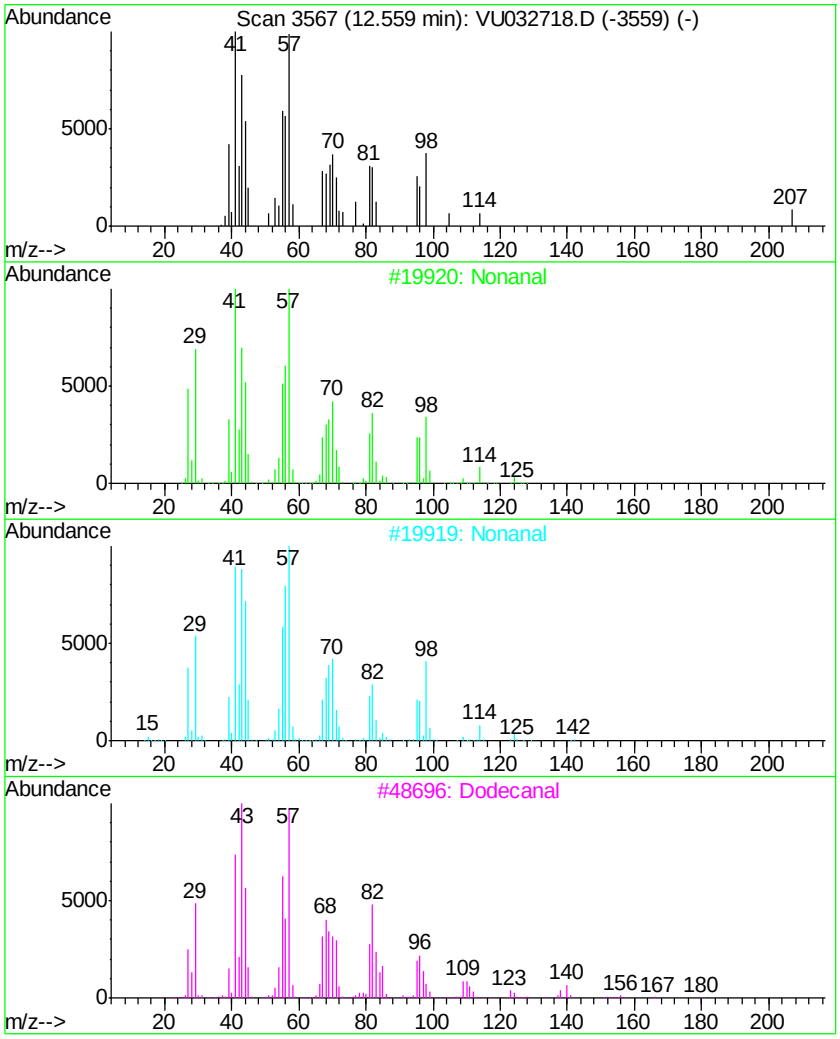
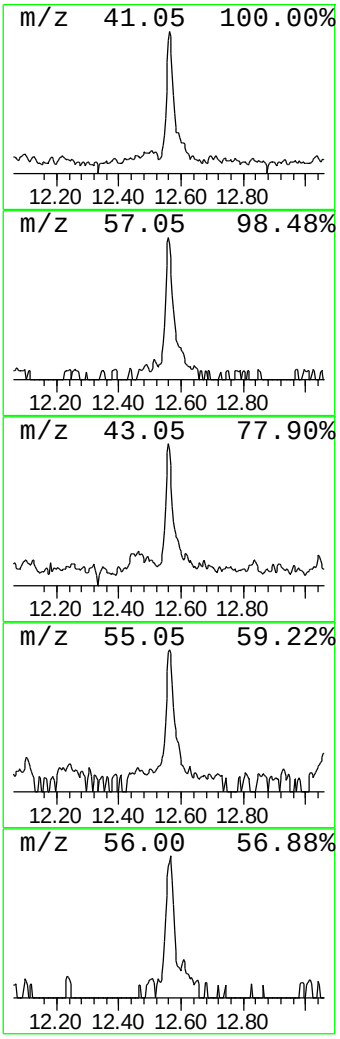
Peak Number 4 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	0.50 ug/L	29053	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	80
2	Nonanal	142	C9H18O	000124-19-6	72
3	Dodecanal	184	C12H24O	000112-54-9	38
4	Dodecanal	184	C12H24O	000112-54-9	35
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	27





Tentatively Identified Compound (LSC) summary

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.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
1,4-Dioxane	6.65	2.6	ug/L	118824	1	5.88	230456	5.0
Nonanal	12.56	0.5	ug/L	29053	3	11.48	290428	5.0