

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036199.D
 Acq On : 13 Dec 2019 16:27
 Operator : JC/MD
 Sample : K6273-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ0

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.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	1.369	3	9	20	rBV2	70071	73141	7.60%	0.842%
2	1.498	44	49	53	rBV	12417	13272	1.38%	0.153%
3	1.607	74	83	96	rVB	221192	251430	26.14%	2.895%
4	1.932	176	184	198	rVB	153112	192707	20.04%	2.219%
5	2.170	253	258	267	rVB6	8889	12599	1.31%	0.145%
6	2.224	268	275	282	rBV3	10764	17603	1.83%	0.203%
7	2.591	377	389	401	rBV	285142	453985	47.20%	5.228%
8	3.713	731	738	741	rBV8	11387	15267	1.59%	0.176%
9	4.758	1042	1063	1084	rBV2	99185	333816	34.71%	3.844%
10	5.124	1159	1177	1201	rBV	181517	420805	43.75%	4.846%
11	5.777	1362	1380	1398	rBV2	404498	944122	98.16%	10.872%
12	6.298	1527	1542	1566	rVB	341997	645198	67.08%	7.430%
13	6.742	1664	1680	1706	rBV2	234552	461707	48.01%	5.317%
14	7.607	1937	1949	1969	rBV2	109998	201207	20.92%	2.317%
15	7.816	2008	2014	2016	rBV2	10700	10056	1.05%	0.116%
16	7.935	2039	2051	2064	rBV	417108	731224	76.03%	8.421%
17	8.218	2130	2139	2152	rVB	71234	116655	12.13%	1.343%
18	8.684	2271	2284	2317	rBV	463687	961782	100.00%	11.076%
19	8.825	2321	2328	2346	rVB3	34377	65268	6.79%	0.752%
20	9.449	2510	2522	2538	rBV	491885	816950	84.94%	9.408%
21	10.375	2801	2810	2822	rVB5	14531	22983	2.39%	0.265%
22	10.787	2924	2938	2954	rVB	182142	302713	31.47%	3.486%
23	11.713	3216	3226	3238	rBV3	34694	53320	5.54%	0.614%
24	11.835	3252	3264	3285	rVB	412034	686090	71.34%	7.901%
25	12.217	3370	3383	3398	rBV	398038	657355	68.35%	7.570%
26	12.909	3584	3598	3617	rBV4	124762	222462	23.13%	2.562%

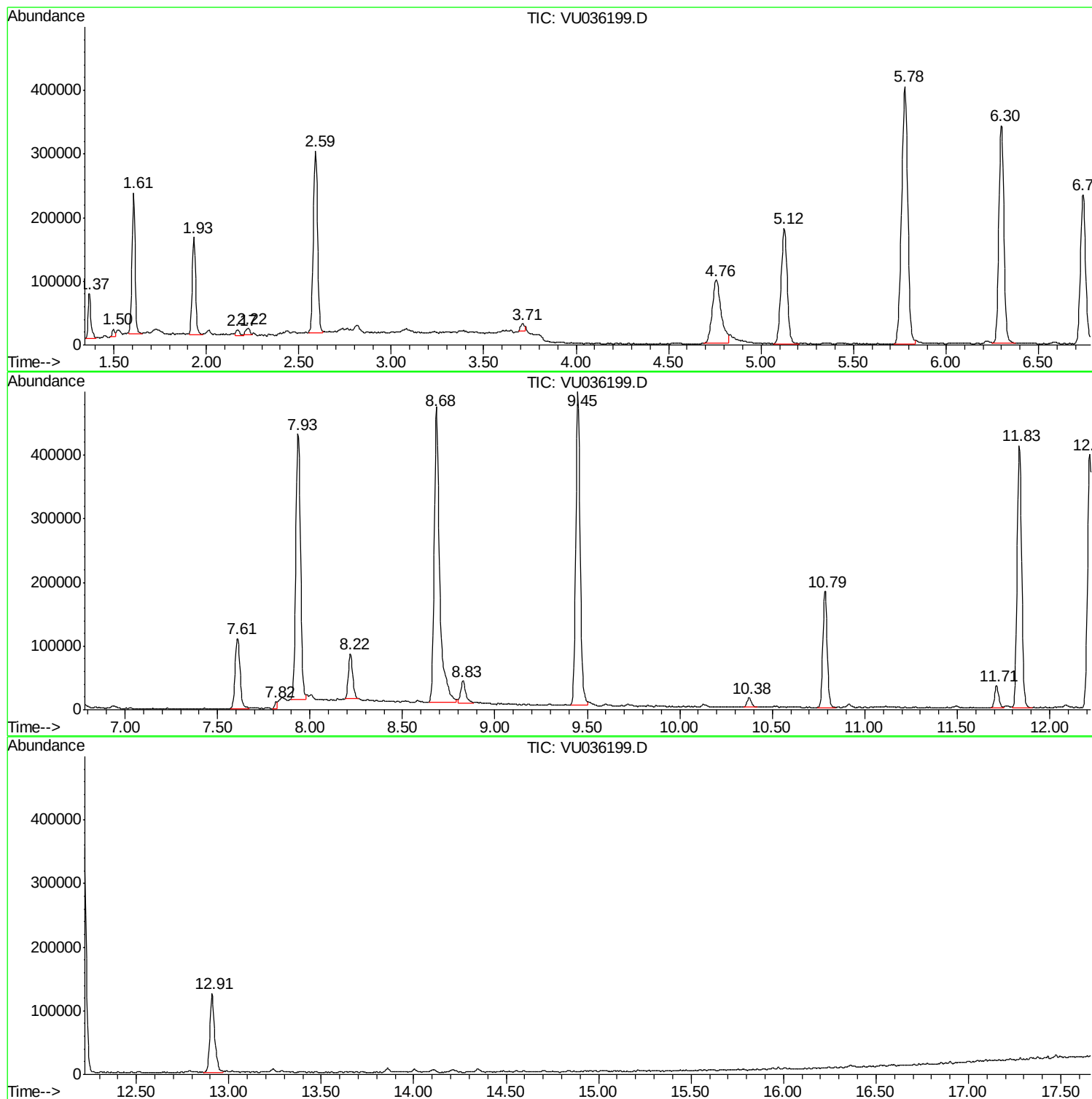
Sum of corrected areas: 8683717

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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



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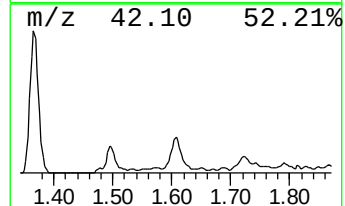
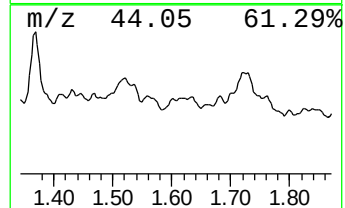
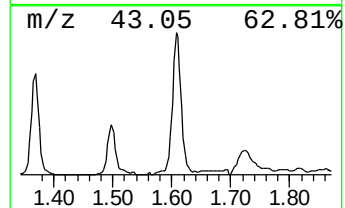
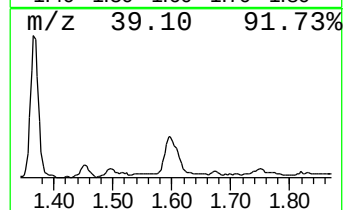
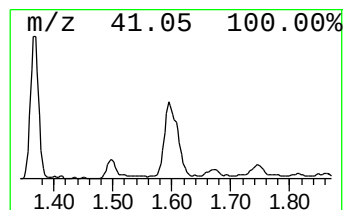
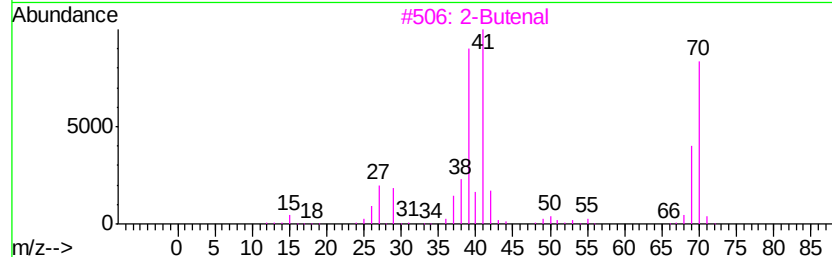
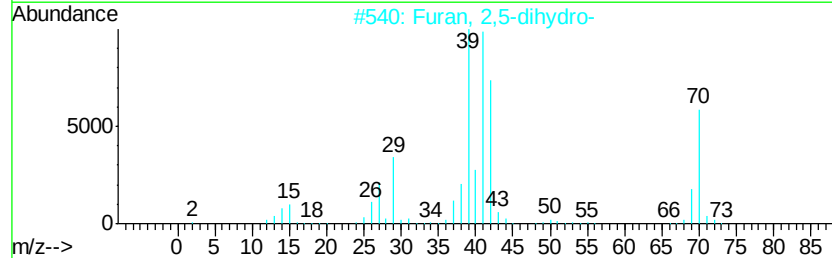
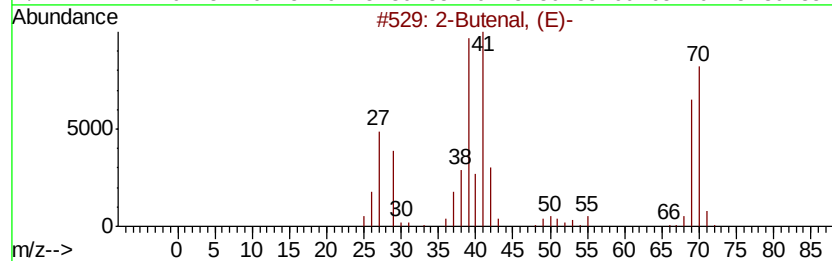
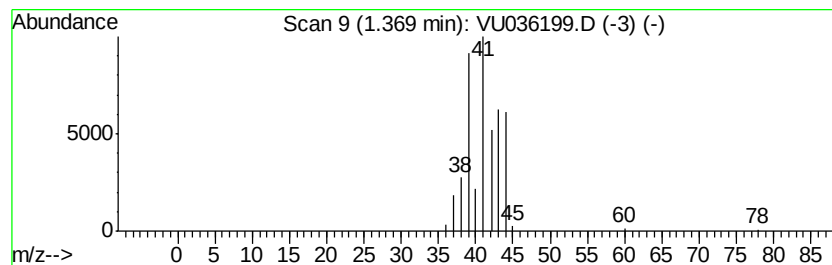
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 2-Butenal, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.57 ug/L	73141	1,4-Difluorobenzene	6.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Butenal, (E)-		70 C4H6O	000123-73-9 72
2	Furan, 2,5-dihydro-		70 C4H6O	001708-29-8 45
3	2-Butenal		70 C4H6O	004170-30-3 40
4	Dimethylketene		70 C4H6O	000598-26-5 40
5	1-Propyne, 3-chloro-		74 C3H3Cl	000624-65-7 9



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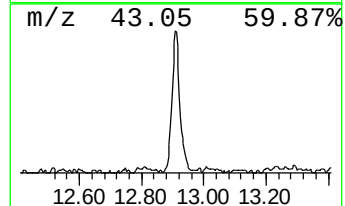
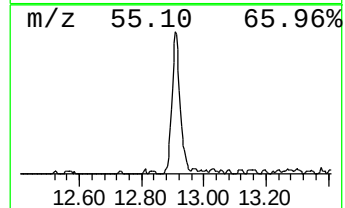
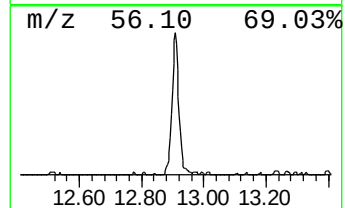
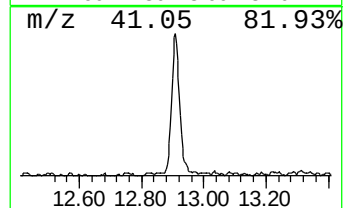
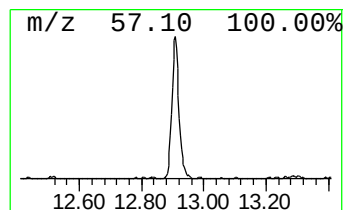
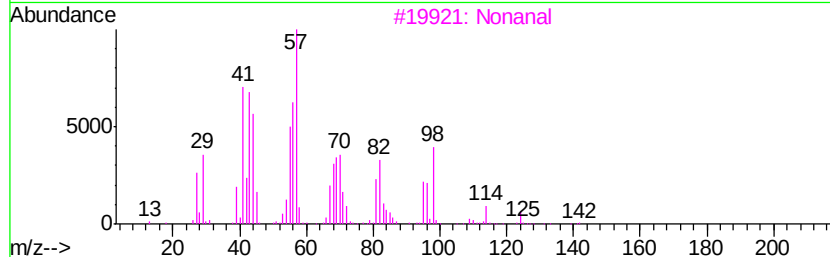
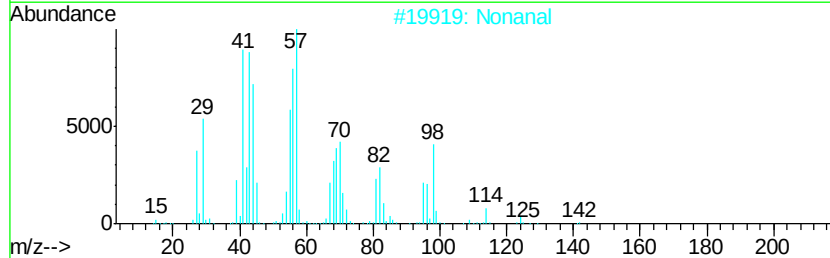
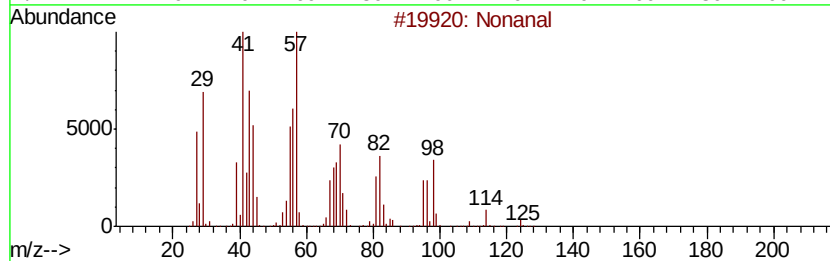
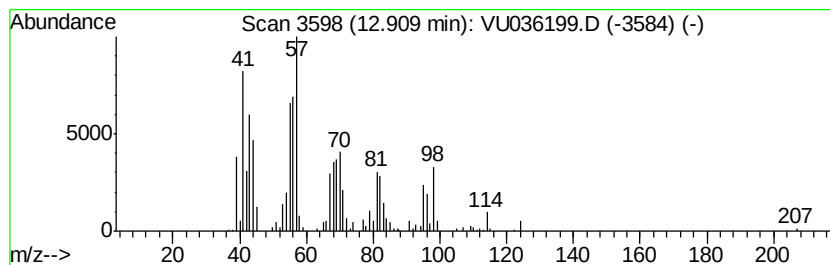
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Quant Title : TRACE VOA SOM01.0

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Peak Number 3 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	1.62 ug/L	222462	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	87
2	Nonanal		142	C9H18O	000124-19-6	80
3	Nonanal		142	C9H18O	000124-19-6	72
4	Cyclohexanol, 2-methyl-, cis-		114	C7H14O	007443-70-1	41
5	Cyclohexanol, 2-methyl-, trans-		114	C7H14O	007443-52-9	41



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butenal, (E)-	1.37	0.6	ug/L	73141	1	6.30	645198	5.0
Nonanal	12.91	1.6	ug/L	222462	3	11.83	686090	5.0