

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042074.D
 Acq On : 15 Jan 2021 15:37
 Operator : SY/MD
 Sample : M1164-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXT4

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\SOMUTR011321WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC: VU042074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	91	rVB	53170	57498	8.40%	1.148%
2	1.694	101	110	149	rBV	90415	154907	22.64%	3.094%
3	1.919	172	180	191	rVB	61973	76915	11.24%	1.536%
4	2.575	367	384	396	rBV2	100703	177727	25.98%	3.550%
5	2.655	397	409	446	rVB	56897	175231	25.62%	3.500%
6	3.060	524	535	551	rVB2	15288	28031	4.10%	0.560%
7	3.240	569	591	594	rBV5	5489	12946	1.89%	0.259%
8	4.465	955	972	985	rBV2	23846	59054	8.63%	1.180%
9	4.652	1014	1030	1043	rBV2	84911	244476	35.74%	4.883%
10	4.732	1044	1055	1078	rVB2	80803	224659	32.84%	4.487%
11	5.079	1144	1163	1187	rBV	93936	210218	30.73%	4.199%
12	5.738	1347	1368	1393	rBV3	172610	452073	66.08%	9.029%
13	6.169	1488	1502	1514	rBV2	5850	13188	1.93%	0.263%
14	6.259	1514	1530	1551	rVB	149159	273014	39.91%	5.453%
15	6.703	1654	1668	1684	rBV2	112405	218402	31.93%	4.362%
16	6.783	1684	1693	1708	rVB	12606	25430	3.72%	0.508%
17	6.890	1716	1726	1732	rBV4	5471	10074	1.47%	0.201%
18	6.938	1733	1741	1756	rVB	12779	24447	3.57%	0.488%
19	7.082	1774	1786	1796	rBV2	3655	8787	1.28%	0.176%
20	7.176	1807	1815	1833	rVB6	6248	14138	2.07%	0.282%
21	7.500	1904	1916	1927	rBV	10031	17529	2.56%	0.350%
22	7.574	1927	1939	1954	rVV	53356	94811	13.86%	1.894%
23	7.800	2001	2009	2018	rBV4	3985	7179	1.05%	0.143%
24	7.906	2028	2042	2056	rBV	197970	352211	51.49%	7.035%
25	7.976	2056	2064	2074	rVV2	17189	30881	4.51%	0.617%
26	8.037	2074	2083	2098	rVB3	7597	15756	2.30%	0.315%
27	8.185	2116	2129	2142	rBV2	40468	68721	10.05%	1.373%
28	8.481	2208	2221	2234	rVB8	3902	10055	1.47%	0.201%
29	8.555	2234	2244	2257	rVB2	6915	11509	1.68%	0.230%
30	8.639	2257	2270	2284	rBV	354548	684095	100.00%	13.664%
31	8.951	2352	2367	2375	rBV5	5362	10586	1.55%	0.211%
32	9.420	2500	2513	2535	rBV	207031	353288	51.64%	7.056%
33	9.549	2541	2553	2557	rBV4	4114	7398	1.08%	0.148%
34	9.693	2586	2598	2610	rBV	9449	15148	2.21%	0.303%
35	10.102	2716	2725	2728	rBV2	5743	8060	1.18%	0.161%
36	10.131	2728	2734	2752	rVB2	17364	28386	4.15%	0.567%

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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\SOMUTR011321WMA.M
Title : TRACE VOA SOM01.0

37	10.754	2917	2928	2947	rVB	91601	149654	21.88%	2.989%
38	10.893	2957	2971	2982	rBV5	6467	11258	1.65%	0.225%
39	11.468	3142	3150	3159	rVB4	6761	9861	1.44%	0.197%
40	11.809	3245	3256	3275	rVB	195911	308490	45.09%	6.162%
41	12.057	3323	3333	3343	rBV4	11989	22609	3.30%	0.452%
42	12.188	3362	3374	3388	rBV	204468	327978	47.94%	6.551%

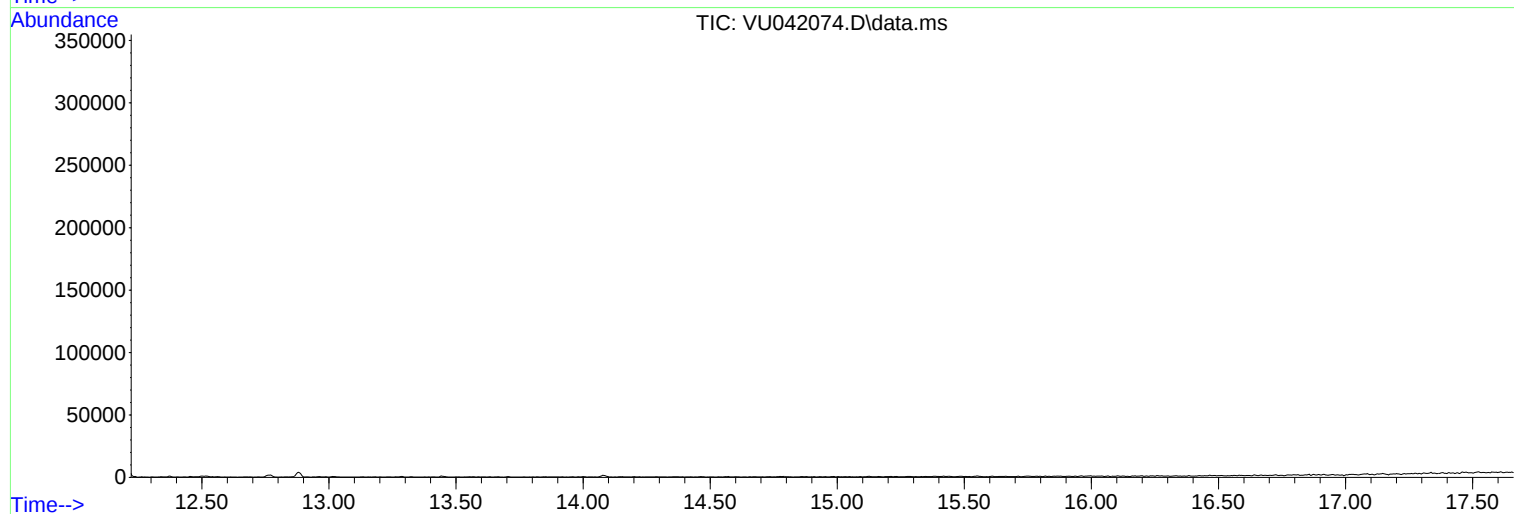
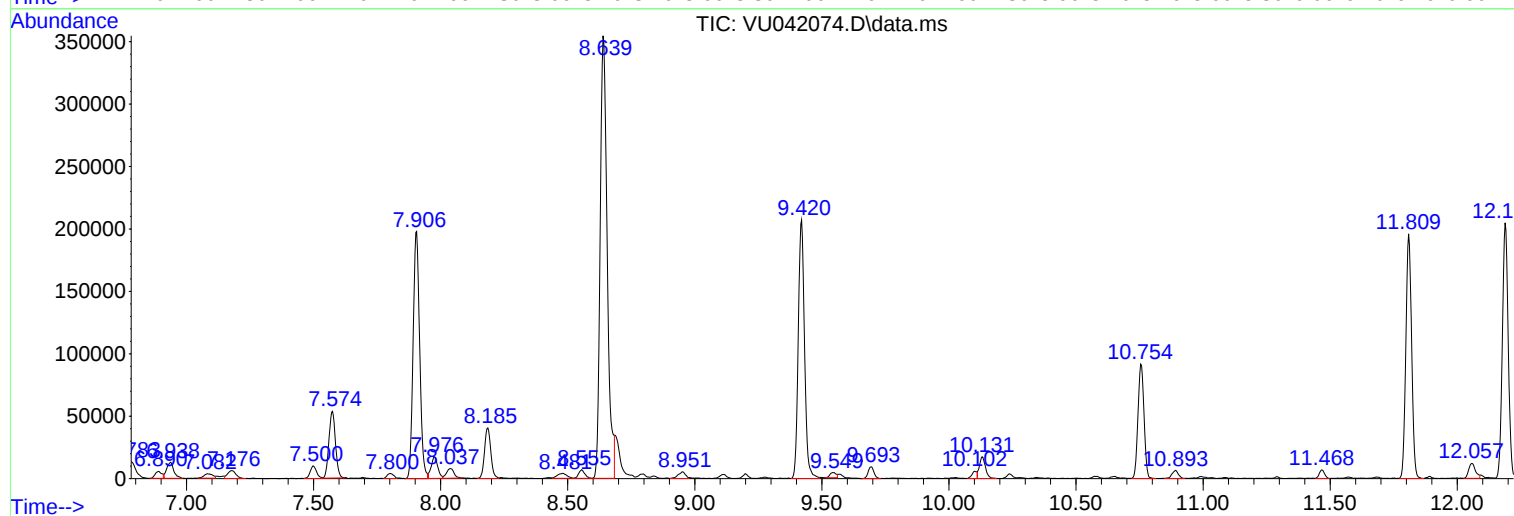
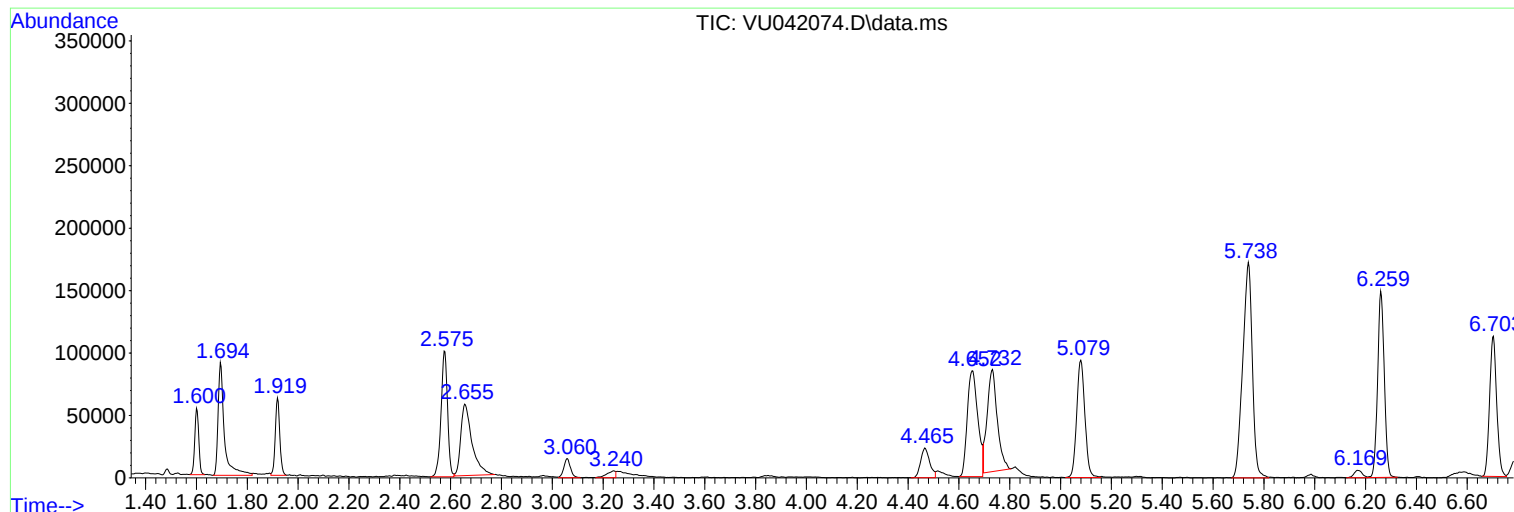
Sum of corrected areas: 5006678

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.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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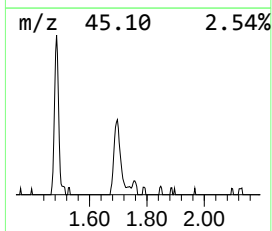
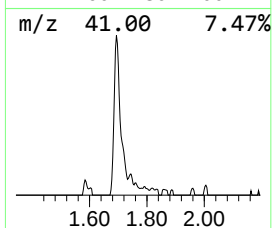
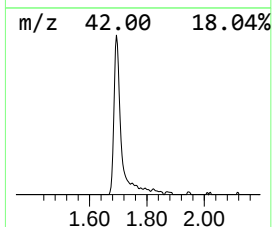
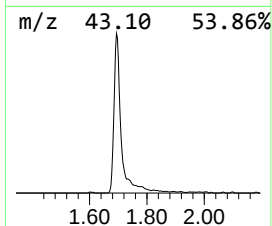
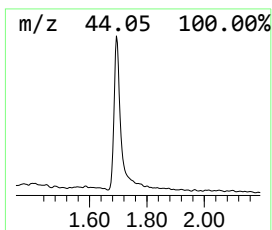
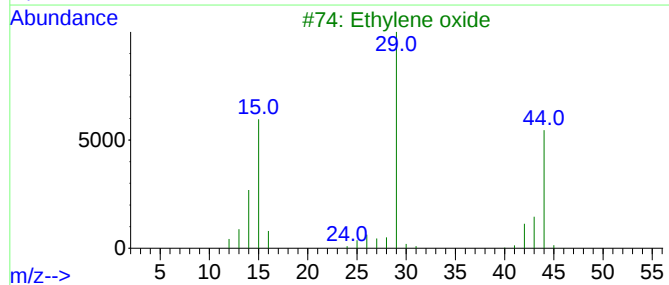
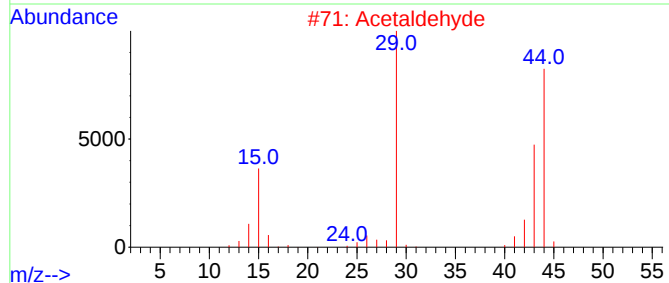
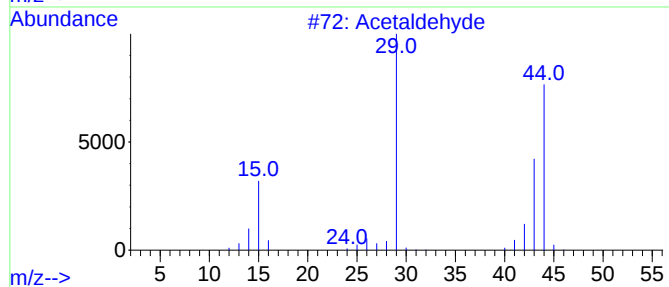
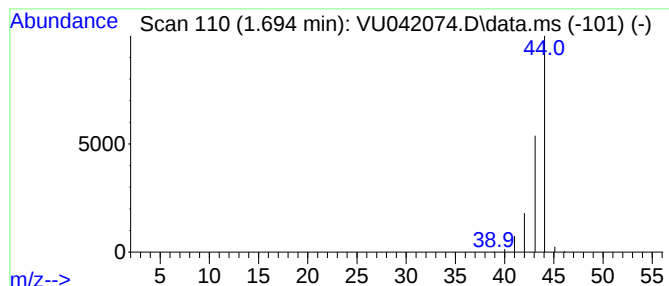
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.694	2.84 ug/L	154907	1,4-Difluorobenzene	6.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Carbon dioxide	44	CO2	000124-38-9	4



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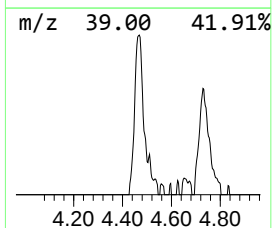
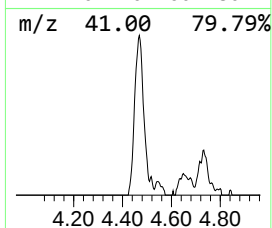
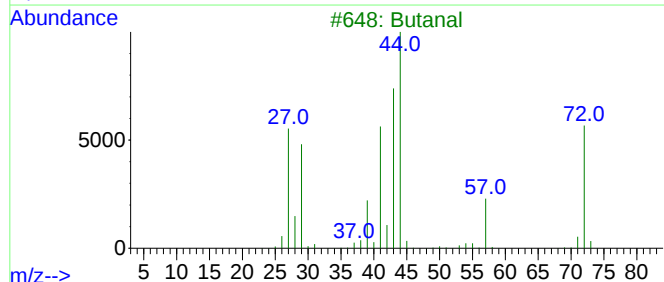
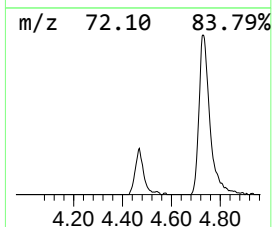
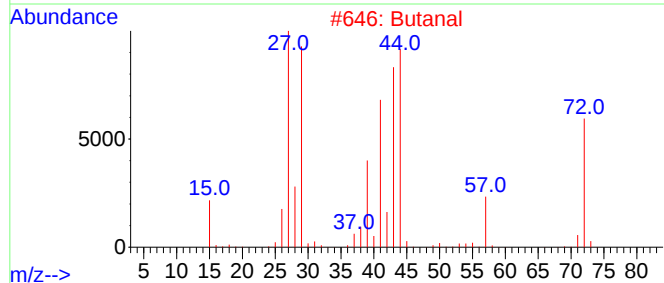
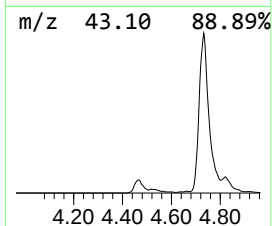
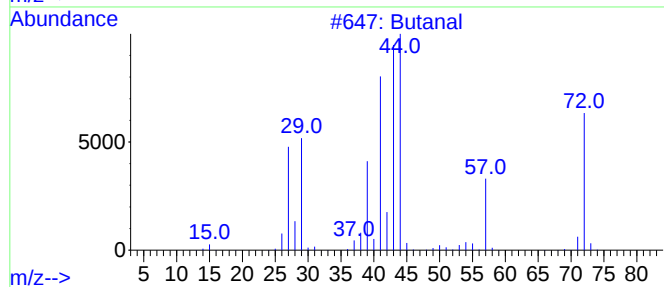
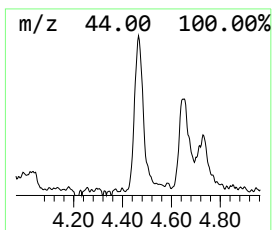
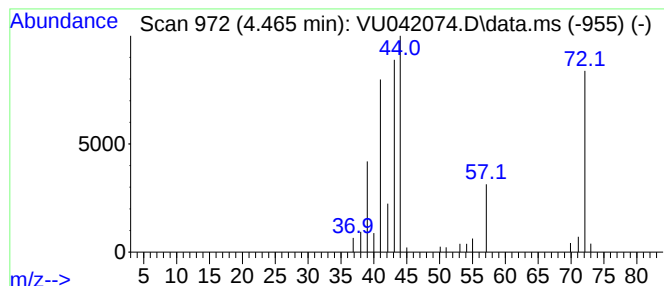
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.465	1.08 ug/L	59054	1,4-Difluorobenzene	6.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal	72	C4H8O	000123-72-8	94
2			Butanal	72	C4H8O	000123-72-8	91
3			Butanal	72	C4H8O	000123-72-8	72
4			Butanal	72	C4H8O	000123-72-8	64
5			Propanal, 2-methyl-	72	C4H8O	000078-84-2	43



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	1.694	2.8	ug/L	154907	1	6.259	273014	5.0
Butanal	4.465	1.1	ug/L	59054	1	6.259	273014	5.0