

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026550.D
 Acq On : 05 Sep 2018 18:32
 Operator : MD/SY
 Sample : J4694-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE18

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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\SOMULM082918WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.667	20	24	30	rBV2	426	623	0.002%	0.007%
2	0.725	38	42	45	rBV	153	165	0.001%	0.002%
3	0.744	45	48	52	rVV2	152	140	0.001%	0.002%
4	0.780	56	59	63	rVB2	189	155	0.001%	0.002%
5	0.918	97	102	105	rBV2	183	189	0.001%	0.002%
6	1.085	140	154	175	rBV	2043543	2371642	91.06%	28.052%
7	1.391	244	249	260	rVB	23962	25454	0.98%	0.301%
8	1.484	267	278	331	rBV	853700	2604415	100.00%	30.805%
9	2.207	494	503	513	rBV	30838	62803	2.41%	0.743%
10	2.368	540	553	596	rVB2	28317	127960	4.91%	1.514%
11	2.741	665	669	676	rVB4	406	469	0.002%	0.006%
12	2.934	724	729	731	rBV2	413	423	0.002%	0.005%
13	3.188	800	808	811	rBV3	1183	1710	0.007%	0.020%
14	3.799	994	998	1001	rBV2	505	469	0.002%	0.006%
15	4.002	1051	1061	1074	rBV6	1909	4906	0.19%	0.058%
16	4.124	1086	1099	1109	rBV	2387	7269	0.28%	0.086%
17	4.214	1112	1127	1162	rVV	45536	176308	6.77%	2.085%
18	4.648	1246	1262	1280	rBV	51705	121494	4.66%	1.437%
19	4.760	1295	1297	1300	rBV3	394	200	0.001%	0.002%
20	4.944	1352	1354	1356	rVV2	318	142	0.001%	0.002%
21	5.088	1397	1399	1404	rVB3	318	197	0.001%	0.002%
22	5.133	1408	1413	1416	rBV2	377	296	0.001%	0.004%
23	5.339	1455	1477	1505	rVB2	83818	262932	10.10%	3.110%
24	5.458	1507	1514	1515	rBV	493	467	0.002%	0.006%
25	5.596	1549	1557	1569	rVB2	1298	2598	0.10%	0.031%
26	5.773	1606	1612	1614	rBV2	723	850	0.003%	0.010%
27	5.821	1618	1627	1634	rVV4	2281	5136	0.20%	0.061%
28	5.886	1636	1647	1670	rVB	73259	142695	5.48%	1.688%
29	5.985	1675	1678	1679	rBV	207	140	0.001%	0.002%
30	6.001	1681	1683	1685	rBV	276	130	0.000%	0.002%
31	6.053	1696	1699	1704	rVB2	322	251	0.001%	0.003%
32	6.149	1724	1729	1732	rBV	563	637	0.002%	0.008%
33	6.188	1734	1741	1753	rVB3	1741	2951	0.11%	0.035%
34	6.272	1764	1767	1770	rBV3	286	196	0.001%	0.002%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.333	1772	1786	1806	rVB2	68698	137009	5.26%	1.621%
36	6.410	1806	1810	1812	rBV2	279	245	0.01%	0.003%
37	6.436	1812	1818	1819	rBV2	1067	922	0.04%	0.011%
38	6.471	1828	1829	1832	rVB	433	158	0.01%	0.002%
39	6.542	1844	1851	1859	rBV6	1513	3009	0.12%	0.036%
40	6.603	1866	1870	1871	rBV2	212	161	0.01%	0.002%
41	6.741	1904	1913	1914	rBV2	946	1118	0.04%	0.013%
42	7.027	1999	2002	2003	rBV	267	155	0.01%	0.002%
43	7.079	2015	2018	2021	rBV2	267	187	0.01%	0.002%
44	7.230	2052	2065	2079	rBV2	20517	36047	1.38%	0.426%
45	7.455	2131	2135	2136	rBV	380	282	0.01%	0.003%
46	7.567	2157	2170	2186	rBV	74084	129093	4.96%	1.527%
47	7.853	2248	2259	2269	rBV2	13207	22618	0.87%	0.268%
48	7.921	2276	2280	2281	rBV2	253	150	0.01%	0.002%
49	7.979	2296	2298	2304	rVB	297	162	0.01%	0.002%
50	8.181	2345	2361	2365	rBV	50492	84899	3.26%	1.004%
51	8.226	2366	2375	2389	rVB	521034	884307	33.95%	10.460%
52	8.316	2394	2403	2440	rVV	187138	347756	13.35%	4.113%
53	8.468	2443	2450	2465	rVB6	3559	6570	0.25%	0.078%
54	8.548	2472	2475	2481	rBB	266	198	0.01%	0.002%
55	8.583	2483	2486	2487	rBV	319	134	0.01%	0.002%
56	8.744	2534	2536	2539	rVB	272	158	0.01%	0.002%
57	8.850	2566	2569	2572	rBV2	199	131	0.01%	0.002%
58	8.898	2579	2584	2587	rBV4	343	407	0.02%	0.005%
59	9.030	2620	2625	2626	rBV	934	665	0.03%	0.008%
60	9.091	2633	2644	2665	rVB	104352	173997	6.68%	2.058%
61	9.371	2726	2731	2734	rBV	221	186	0.01%	0.002%
62	9.442	2739	2753	2782	rBV3	22731	73141	2.81%	0.865%
63	9.606	2802	2804	2808	rVB	311	154	0.01%	0.002%
64	9.754	2846	2850	2853	rBV	219	165	0.01%	0.002%
65	9.889	2887	2892	2895	rBV	145	164	0.01%	0.002%
66	10.030	2931	2936	2947	rBV3	1954	2790	0.11%	0.033%
67	10.435	3049	3062	3076	rVB	104229	168747	6.48%	1.996%
68	10.612	3106	3117	3132	rVB2	21158	38635	1.48%	0.457%
69	10.815	3176	3180	3181	rBV	251	144	0.01%	0.002%
70	10.879	3196	3200	3204	rVB2	280	272	0.01%	0.003%
71	10.940	3216	3219	3222	rBV	148	127	0.00%	0.002%

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72	11.143	3276	3282	3284	rBV3	2358	2428	0.09%	0.029%
73	11.374	3347	3354	3365	rVB4	2227	3090	0.12%	0.037%
74	11.487	3377	3389	3412	rVB	82622	128331	4.93%	1.518%
75	11.744	3463	3469	3473	rBV4	874	984	0.04%	0.012%
76	11.863	3495	3506	3524	rVB	76070	119230	4.58%	1.410%
77	11.972	3536	3540	3545	rBV3	595	527	0.02%	0.006%
78	12.024	3554	3556	3559	rBV	253	158	0.01%	0.002%
79	12.075	3564	3572	3581	rVB2	2522	3521	0.14%	0.042%
80	12.220	3609	3617	3627	rBV2	516	930	0.04%	0.011%
81	12.480	3689	3698	3711	rVB4	4135	7442	0.29%	0.088%
82	12.570	3715	3726	3745	rBV2	63988	97855	3.76%	1.157%
83	12.898	3824	3828	3837	rVB4	966	1168	0.04%	0.014%
84	13.120	3895	3897	3900	rBV	222	138	0.01%	0.002%
85	13.213	3924	3926	3930	rBV2	245	135	0.01%	0.002%
86	13.323	3950	3960	3970	rBV4	15937	31713	1.22%	0.375%
87	13.490	4008	4012	4017	rVV4	436	439	0.02%	0.005%
88	13.512	4017	4019	4024	rVB	379	257	0.01%	0.003%
89	13.660	4059	4065	4071	rBV4	2492	2884	0.11%	0.034%
90	13.828	4115	4117	4123	rVB2	337	263	0.01%	0.003%
91	13.956	4155	4157	4160	rBV2	239	149	0.01%	0.002%
92	14.053	4185	4187	4190	rBV2	255	156	0.01%	0.002%
93	14.123	4206	4209	4214	rBV	385	356	0.01%	0.004%
94	14.274	4248	4256	4258	rBV5	1727	2023	0.08%	0.024%
95	14.413	4296	4299	4301	rBV2	265	213	0.01%	0.003%
96	14.490	4319	4323	4327	rBV3	290	286	0.01%	0.003%
97	14.680	4378	4382	4385	rBV3	1015	847	0.03%	0.010%
98	15.249	4551	4559	4570	rBV6	2423	5242	0.20%	0.062%
99	15.622	4669	4675	4682	rBV5	1638	1805	0.07%	0.021%
100	16.776	5032	5034	5037	rBV5	792	493	0.02%	0.006%

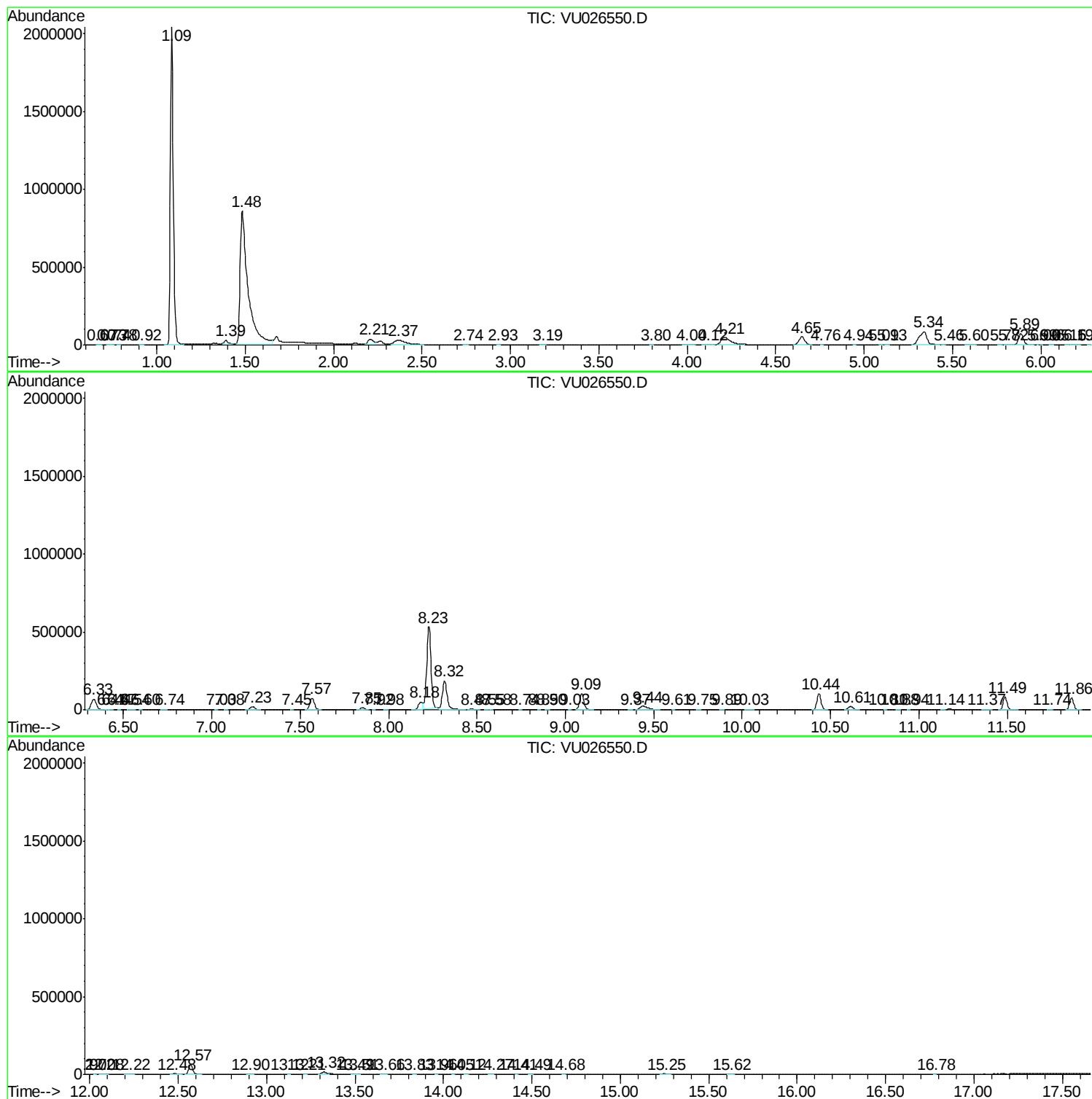
Sum of corrected areas: 8454538

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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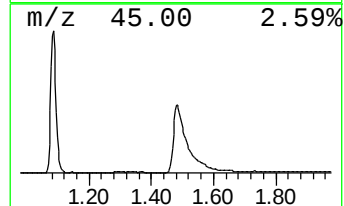
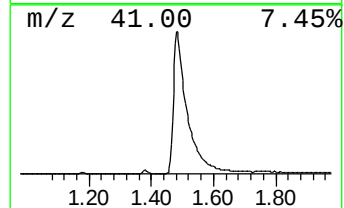
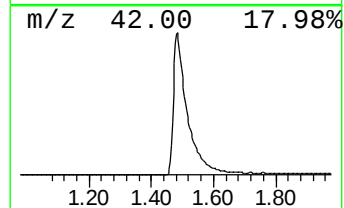
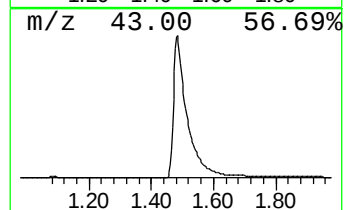
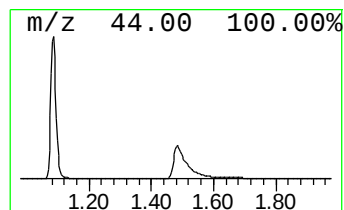
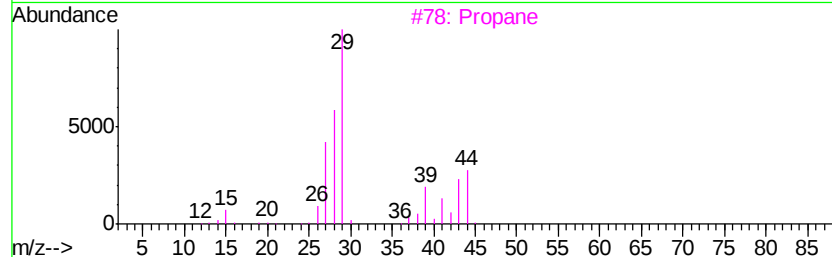
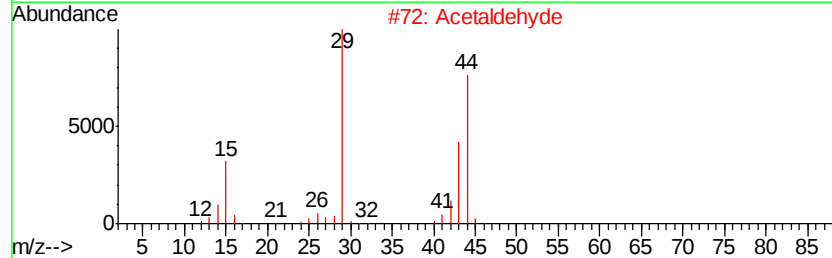
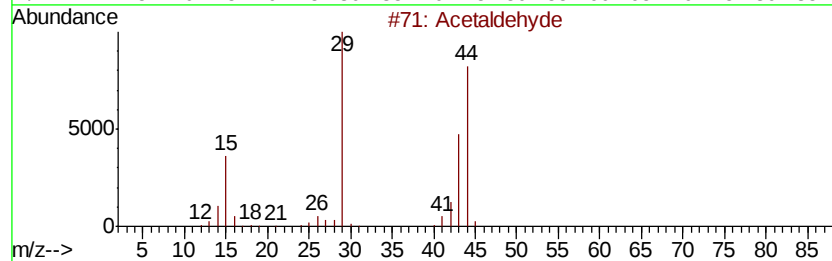
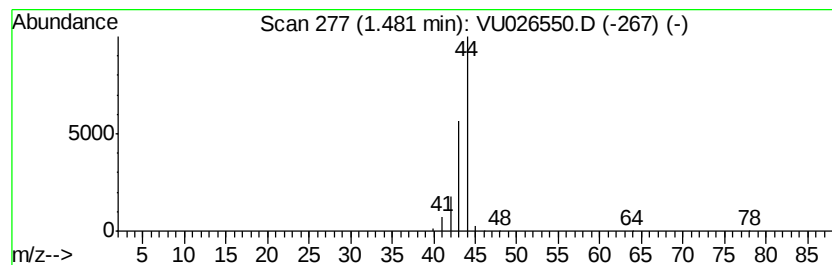
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	912.58 ug/L	2604420	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyd		44	C2H4O	000075-07-0	64
2	Acetaldehyd		44	C2H4O	000075-07-0	64
3	Propane		44	C3H8	000074-98-6	5
4	Ethylene oxide		44	C2H4O	000075-21-8	5
5	Ethylene oxide		44	C2H4O	000075-21-8	5



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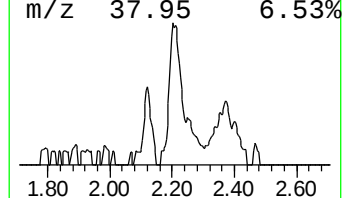
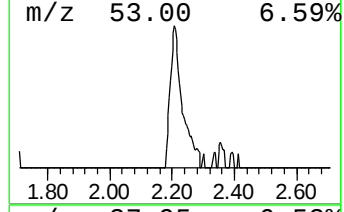
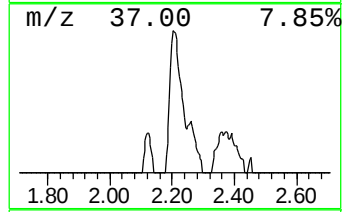
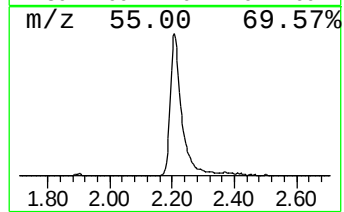
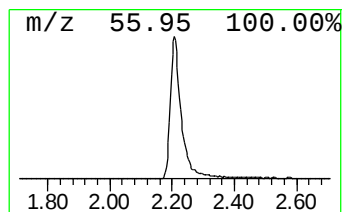
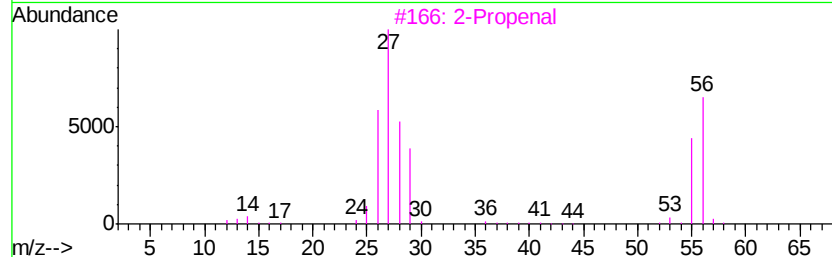
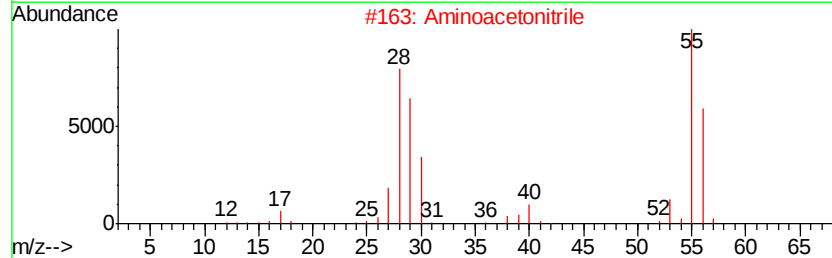
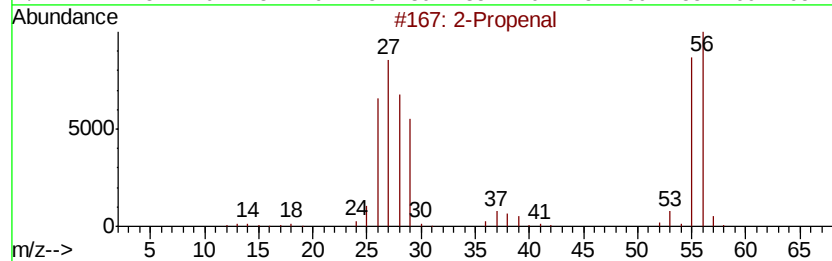
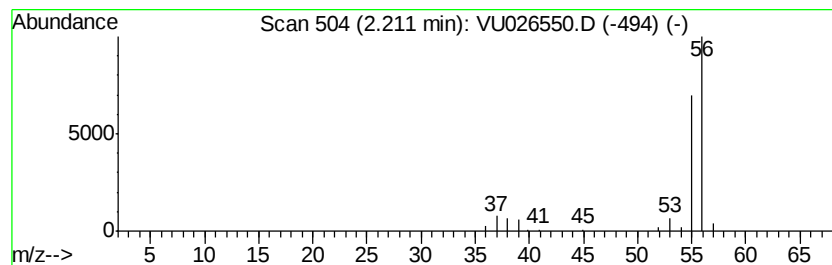
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 2-Propenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	22.01 ug/L	62803	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal		56	C3H4O	000107-02-8	90
2	Aminoacetonitrile		56	C2H4N2	000540-61-4	9
3	2-Propenal		56	C3H4O	000107-02-8	7
4	2-Propenal		56	C3H4O	000107-02-8	5
5	Ethenamine, N-methylene-		55	C3H5N	038239-27-9	5



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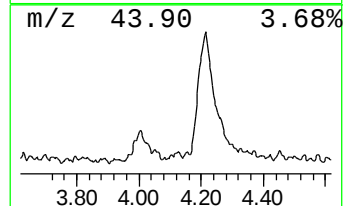
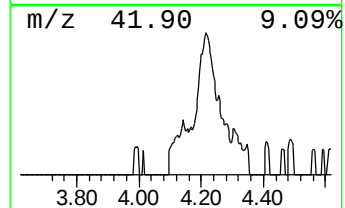
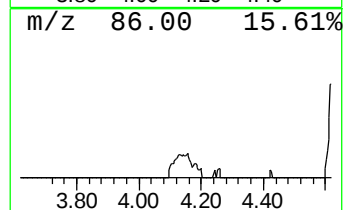
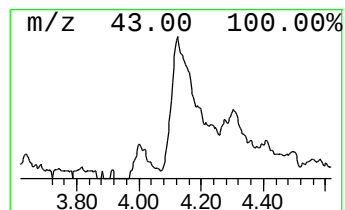
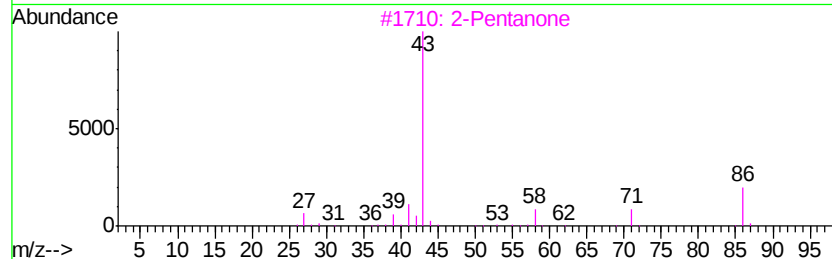
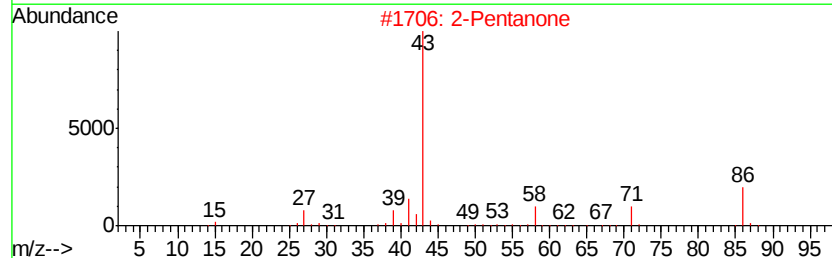
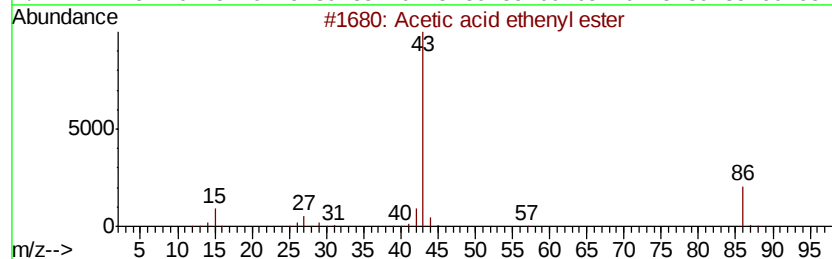
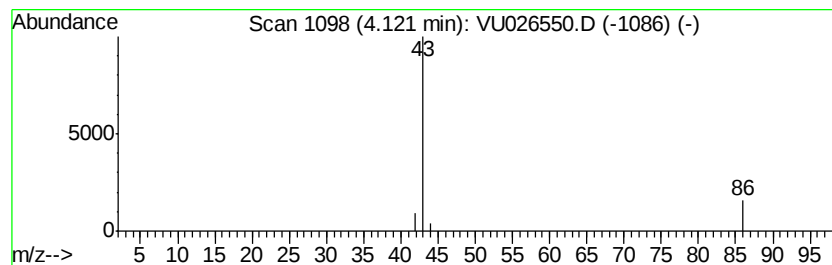
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Quant Title : VOC Analysis

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

Peak Number 4 Acetic acid ethenyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.55 ug/L	7269	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	ethenyl ester	86	C4H6O2	000108-05-4	9
2	2-Pentanone		86	C5H10O	000107-87-9	7
3	2-Pentanone		86	C5H10O	000107-87-9	7
4	Ethanone, 1-oxiran-yl-		86	C4H6O2	004401-11-0	7
5	2,3-Butanedione		86	C4H6O2	000431-03-8	7



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ClientSampleId :
BEE18

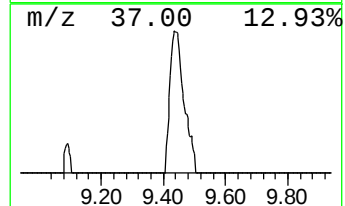
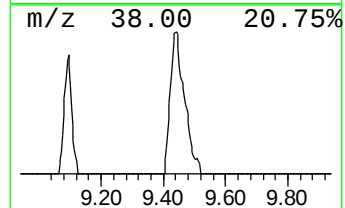
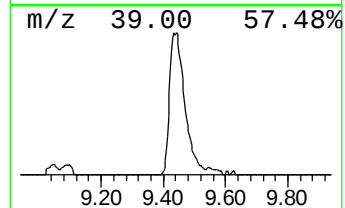
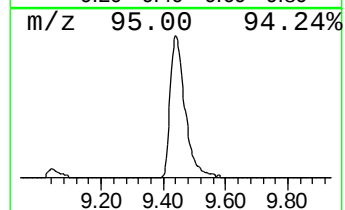
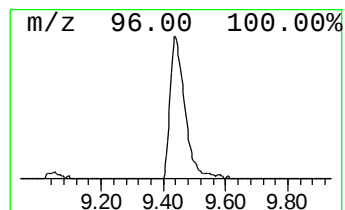
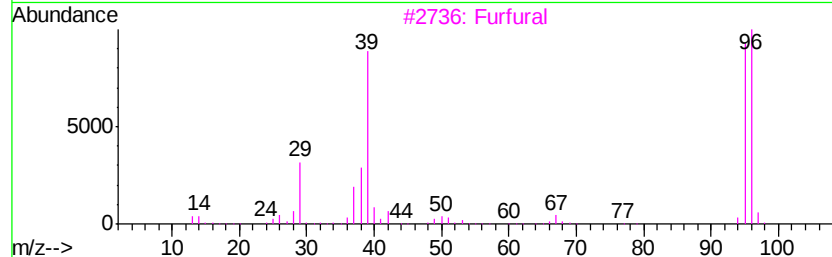
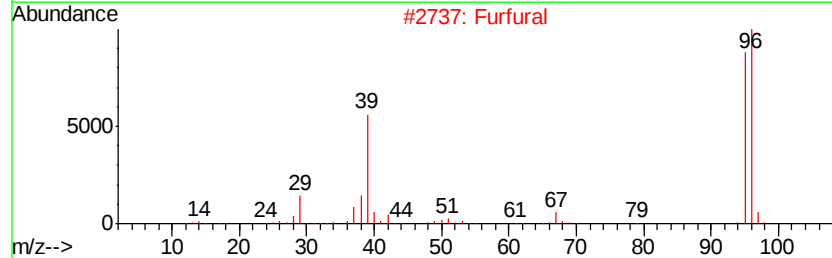
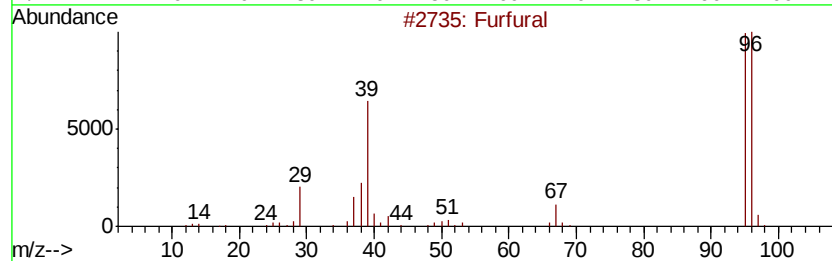
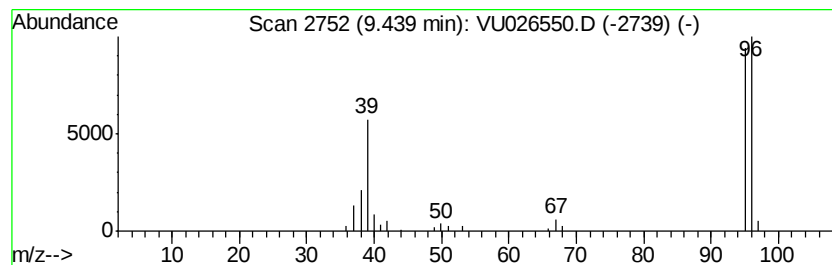
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Quant Title : VOC Analysis

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

Peak Number 6 Furfural Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	21.02 ug/L	73141	Chlorobenzene-d5	9.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	94
2	Furfural		96	C5H4O2	000098-01-1	91
3	Furfural		96	C5H4O2	000098-01-1	87
4	1H-Imidazole, 1,4-dimethyl-		96	C5H8N2	006338-45-0	86
5	3-Furaldehyde		96	C5H4O2	000498-60-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090518\
Data File : VU026550.D
Acq On : 05 Sep 2018 18:32
Operator : MD/SY
Sample : J4694-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

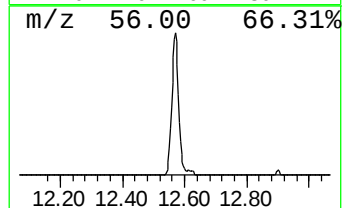
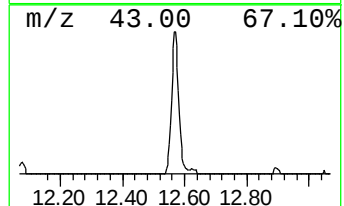
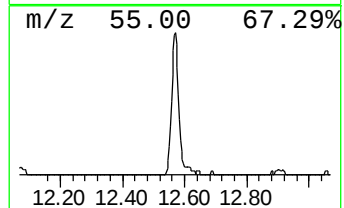
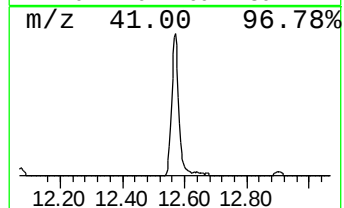
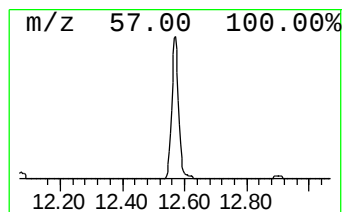
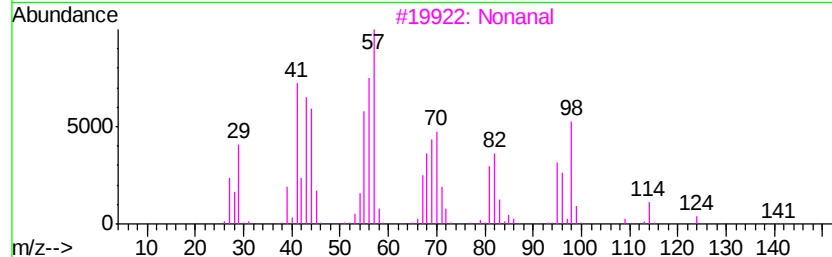
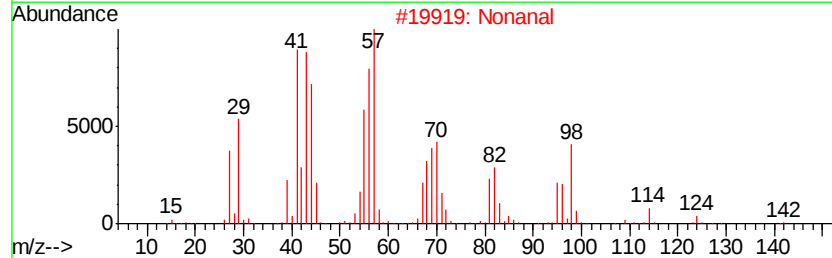
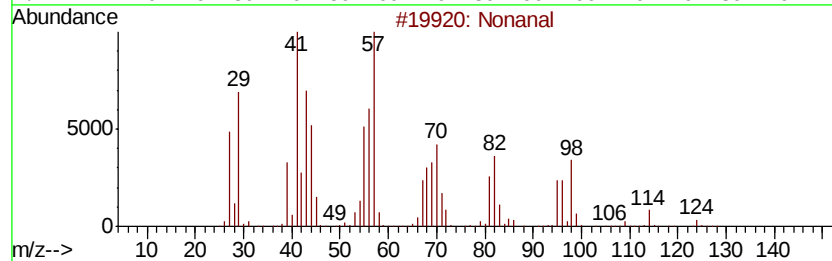
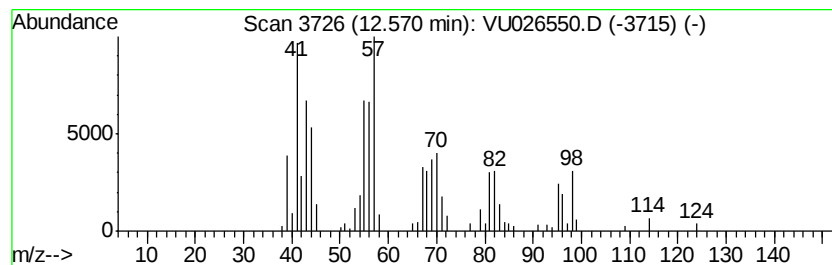
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Quant Title : VOC Analysis

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

Peak Number 9 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	38.13 ug/L	97855	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	86
3		Nonanal	142	C9H18O	000124-19-6	72
4		Nonanal	142	C9H18O	000124-19-6	72
5		Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090518\
Data File : VU026550.D
Acq On : 05 Sep 2018 18:32
Operator : MD/SY
Sample : J4694-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

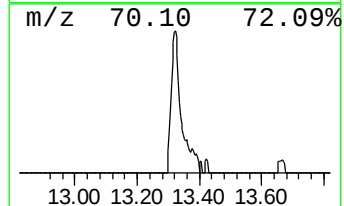
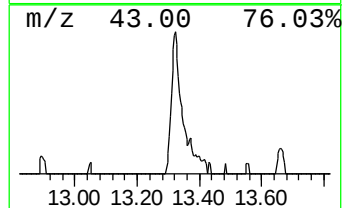
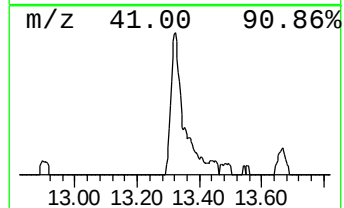
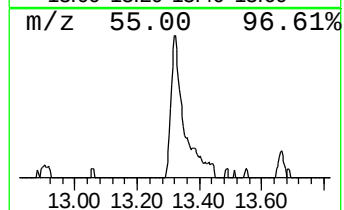
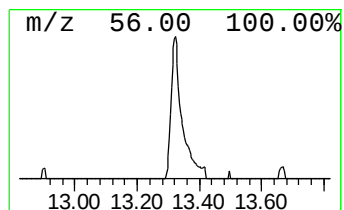
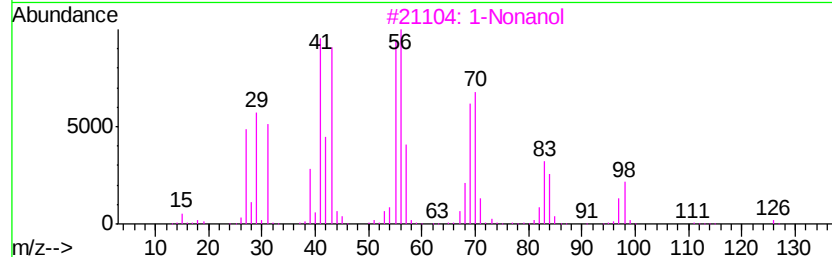
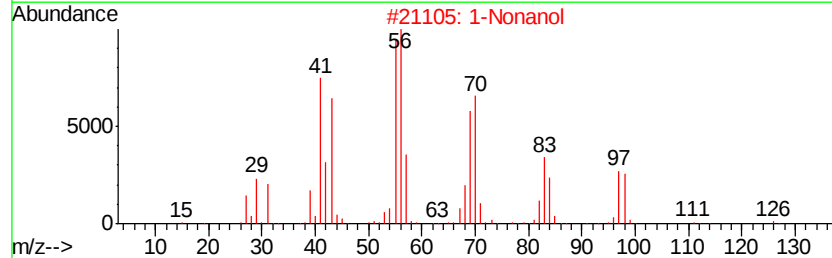
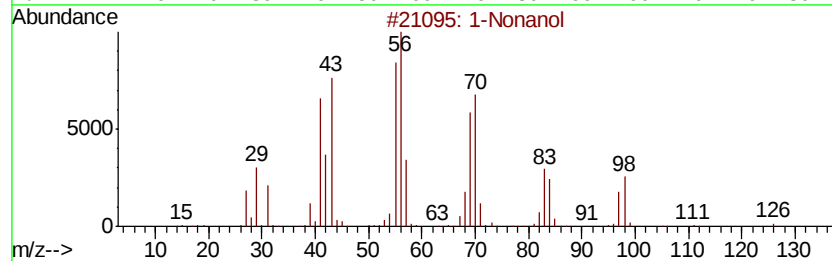
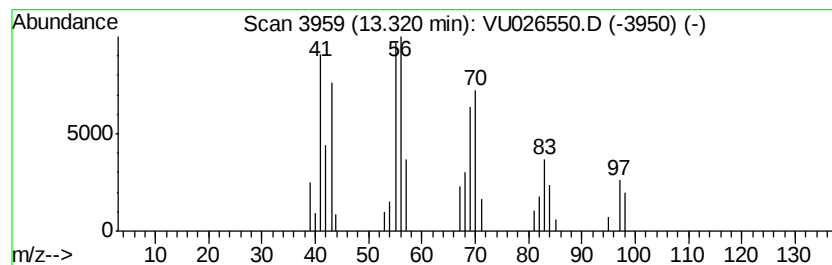
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 1-Nonanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	12.36 ug/L	31713	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonanol	144	C9H20O	000143-08-8	80
2		1-Nonanol	144	C9H20O	000143-08-8	80
3		1-Nonanol	144	C9H20O	000143-08-8	80
4		1-Nonanol	144	C9H20O	000143-08-8	72
5		1-Heptene	98	C7H14	000592-76-7	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090518\
Data File : VU026550.D
Acq On : 05 Sep 2018 18:32
Operator : MD/SY
Sample : J4694-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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	1.48	912.6	ug/L	2604420	1	5.89	142695	50.0
2-Propenal	2.21	22.0	ug/L	62803	1	5.89	142695	50.0
Acetic acid ethen...	4.12	2.5	ug/L	7269	1	5.89	142695	50.0
Furfural	9.44	21.0	ug/L	73141	2	9.09	173997	50.0
Nonanal	12.57	38.1	ug/L	97855	3	11.49	128331	50.0
1-Nonanol	13.32	12.4	ug/L	31713	3	11.49	128331	50.0