

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025449.D
 Acq On : 17 Jul 2018 01:26
 Operator : MD/SY
 Sample : J3984-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A0

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\SOMULM071618WMA.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	0.635	10	14	18	rBV5	506	476	0.00%	0.002%
2	0.719	38	40	43	rVV2	798	515	0.00%	0.002%
3	0.741	43	47	49	rVB3	678	539	0.00%	0.002%
4	0.786	59	61	65	rVB3	880	505	0.00%	0.002%
5	0.812	65	69	72	rBV4	661	398	0.00%	0.001%
6	0.883	87	91	93	rBV2	645	508	0.00%	0.002%
7	0.979	118	121	123	rVB3	794	462	0.00%	0.001%
8	0.992	123	125	128	rBV2	592	337	0.00%	0.001%
9	1.082	138	153	169	rBV	2175249	2374101	14.75%	7.612%
10	1.156	170	176	186	rBV	104156	145936	0.91%	0.468%
11	1.400	246	252	265	rVB2	162538	184414	1.15%	0.591%
12	1.558	295	301	307	rBV	232796	217635	1.35%	0.698%
13	1.677	333	338	355	rVB	90518	127254	0.79%	0.408%
14	2.272	514	523	532	rBV2	199827	331883	2.06%	1.064%
15	2.445	570	577	583	rBV	8599	13624	0.08%	0.044%
16	2.985	734	745	774	rBV	120452	274757	1.71%	0.881%
17	3.439	884	886	889	rVB2	734	357	0.00%	0.001%
18	3.464	892	894	900	rVB4	414	363	0.00%	0.001%
19	3.535	912	916	919	rVB2	706	517	0.00%	0.002%
20	3.558	919	923	925	rBV2	538	375	0.00%	0.001%
21	3.606	927	938	941	rBV5	1542	2357	0.01%	0.008%
22	3.715	970	972	980	rBV5	634	659	0.00%	0.002%
23	3.947	1040	1044	1048	rBV4	704	740	0.00%	0.002%
24	3.969	1049	1051	1056	rVV3	470	342	0.00%	0.001%
25	4.111	1092	1095	1098	rVV3	894	574	0.00%	0.002%
26	4.230	1101	1132	1199	rVV	6384445	16094016	100.00%	51.600%
27	4.651	1248	1263	1290	rVB	182708	430200	2.67%	1.379%
28	4.796	1294	1308	1326	rBV	48419	108212	0.67%	0.347%
29	5.011	1371	1375	1379	rBV5	489	527	0.00%	0.002%
30	5.201	1432	1434	1440	rVB3	617	501	0.00%	0.002%
31	5.236	1440	1445	1448	rBV3	495	361	0.00%	0.001%
32	5.342	1452	1478	1501	rBV2	345218	1042735	6.48%	3.343%
33	5.606	1557	1560	1563	rBV3	750	486	0.00%	0.002%
34	5.747	1598	1604	1607	rBV4	581	655	0.00%	0.002%

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35	5.779	1607	1614	1616	rBV4	1050	1067	0.01%	0.003%
36	5.889	1631	1648	1670	rBV	384568	761392	4.73%	2.441%
37	6.188	1728	1741	1760	rBV	263954	507271	3.15%	1.626%
38	6.333	1773	1786	1804	rBV	233591	470971	2.93%	1.510%
39	6.423	1806	1814	1830	rVB2	15261	29127	0.18%	0.093%
40	6.529	1844	1847	1849	rBV3	739	491	0.00%	0.002%
41	6.577	1858	1862	1869	rVB4	2216	2687	0.02%	0.009%
42	6.612	1869	1873	1874	rBV3	1086	703	0.00%	0.002%
43	6.779	1919	1925	1931	rBV5	1250	1353	0.01%	0.004%
44	6.853	1939	1948	1956	rBV7	4984	8540	0.05%	0.027%
45	6.918	1965	1968	1972	rBV5	515	455	0.00%	0.001%
46	6.953	1975	1979	1983	rVB4	795	818	0.01%	0.003%
47	6.982	1983	1988	1989	rBV2	572	527	0.00%	0.002%
48	7.078	2016	2018	2023	rVB3	548	491	0.00%	0.002%
49	7.133	2032	2035	2040	rBV3	778	581	0.00%	0.002%
50	7.230	2053	2065	2079	rVV	115240	197050	1.22%	0.632%
51	7.329	2094	2096	2097	rBV	657	356	0.00%	0.001%
52	7.419	2122	2124	2129	rVB4	577	400	0.00%	0.001%
53	7.461	2129	2137	2152	rBV3	6672	11713	0.07%	0.038%
54	7.567	2156	2170	2187	rBV	470635	844954	5.25%	2.709%
55	7.767	2229	2232	2235	rBV4	1313	1045	0.01%	0.003%
56	7.853	2247	2259	2275	rBV2	79088	138640	0.86%	0.445%
57	7.927	2280	2282	2285	rBV3	532	351	0.00%	0.001%
58	8.091	2331	2333	2336	rBV2	754	440	0.00%	0.001%
59	8.175	2354	2359	2361	rBV3	1341	1345	0.01%	0.004%
60	8.230	2362	2376	2391	rVV	1763906	2956592	18.37%	9.479%
61	8.313	2392	2402	2426	rVB	344367	621115	3.86%	1.991%
62	8.506	2459	2462	2466	rVB5	1044	851	0.01%	0.003%
63	8.532	2466	2470	2472	rBV5	511	448	0.00%	0.001%
64	8.580	2482	2485	2488	rBV2	1063	748	0.00%	0.002%
65	8.673	2503	2514	2524	rBV3	9278	15901	0.10%	0.051%
66	8.953	2595	2601	2602	rBV2	896	776	0.00%	0.002%
67	9.091	2632	2644	2674	rVB	529210	879878	5.47%	2.821%
68	9.252	2689	2694	2701	rBV3	1455	1675	0.01%	0.005%
69	9.342	2720	2722	2725	rBV3	960	719	0.00%	0.002%
70	9.381	2729	2734	2740	rVB8	2146	2720	0.02%	0.009%
71	9.438	2748	2752	2754	rBV3	675	369	0.00%	0.001%

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72	9.451	2754	2756	2758	rBV2	577	359	0.00%	0.001%
73	9.570	2787	2793	2795	rBV5	852	789	0.00%	0.003%
74	9.667	2819	2823	2825	rBV3	433	360	0.00%	0.001%
75	9.686	2825	2829	2832	rBV2	873	753	0.00%	0.002%
76	9.705	2832	2835	2838	rBV3	688	412	0.00%	0.001%
77	9.850	2872	2880	2888	rBV8	4687	9037	0.06%	0.029%
78	9.921	2896	2902	2915	rVB3	5959	10082	0.06%	0.032%
79	10.004	2926	2928	2932	rVB4	787	433	0.00%	0.001%
80	10.130	2964	2967	2968	rBV	615	366	0.00%	0.001%
81	10.191	2983	2986	2989	rBV5	708	404	0.00%	0.001%
82	10.249	3002	3004	3008	rVB3	547	363	0.00%	0.001%
83	10.294	3009	3018	3041	rBV3	13244	39122	0.24%	0.125%
84	10.435	3050	3062	3077	rVB	347517	558136	3.47%	1.789%
85	10.676	3134	3137	3147	rVB8	1126	1692	0.01%	0.005%
86	10.779	3164	3169	3173	rVB5	1596	1832	0.01%	0.006%
87	10.847	3188	3190	3193	rVB2	1017	527	0.00%	0.002%
88	10.892	3201	3204	3208	rBV5	583	532	0.00%	0.002%
89	10.966	3217	3227	3240	rBV2	25347	51912	0.32%	0.166%
90	11.358	3344	3349	3354	rBV6	1117	1445	0.01%	0.005%
91	11.487	3376	3389	3406	rBV	532143	844350	5.25%	2.707%
92	11.863	3494	3506	3522	rBV	498362	787957	4.90%	2.526%
93	11.985	3536	3544	3555	rBV2	18592	31349	0.19%	0.101%
94	12.570	3718	3726	3740	rVB5	14610	22923	0.14%	0.073%
95	12.795	3792	3796	3800	rVB6	870	842	0.01%	0.003%
96	12.892	3824	3826	3828	rBV2	672	382	0.00%	0.001%
97	12.959	3844	3847	3849	rBV4	724	530	0.00%	0.002%
98	14.210	4234	4236	4238	rBV2	746	378	0.00%	0.001%
99	14.342	4275	4277	4280	rBV3	864	388	0.00%	0.001%
100	14.358	4280	4282	4285	rVV3	894	390	0.00%	0.001%

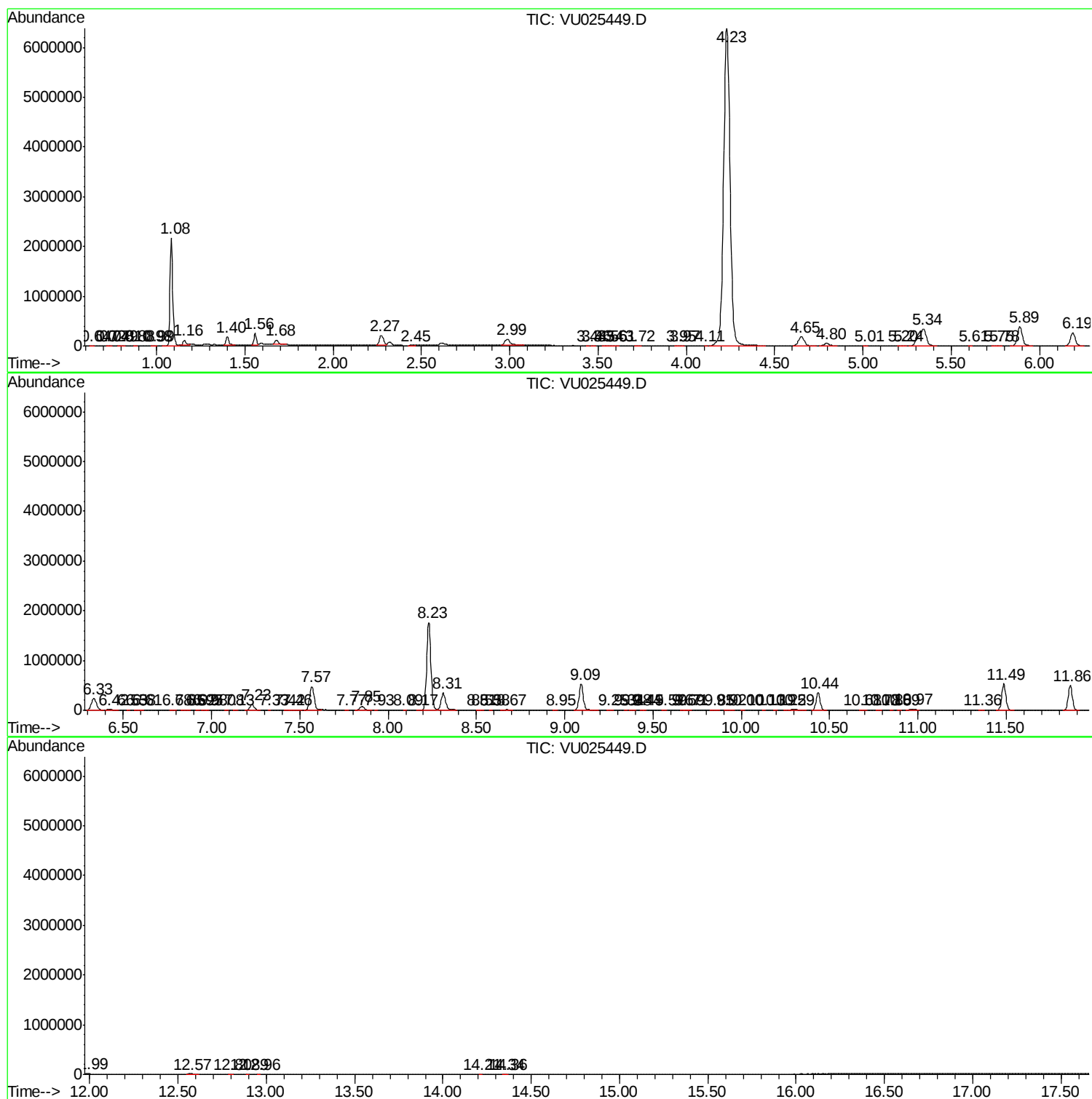
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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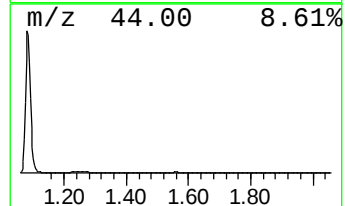
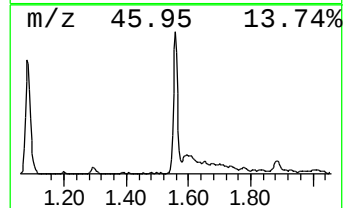
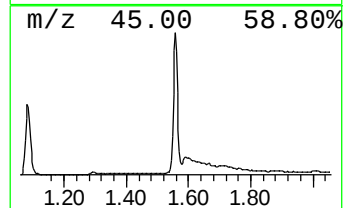
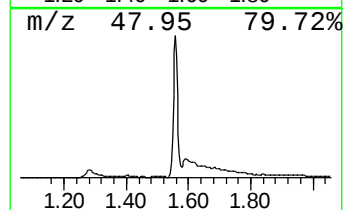
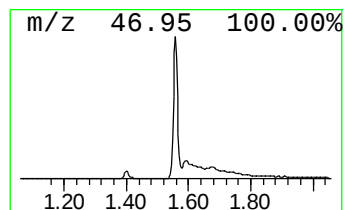
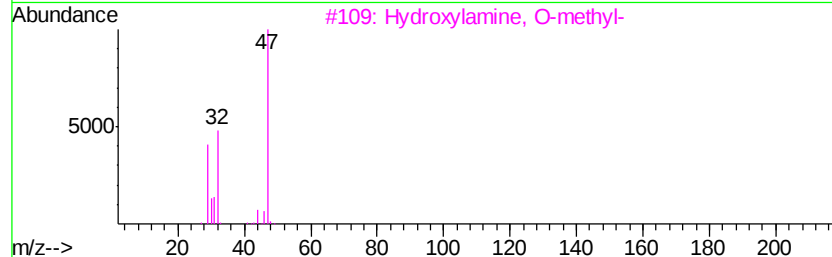
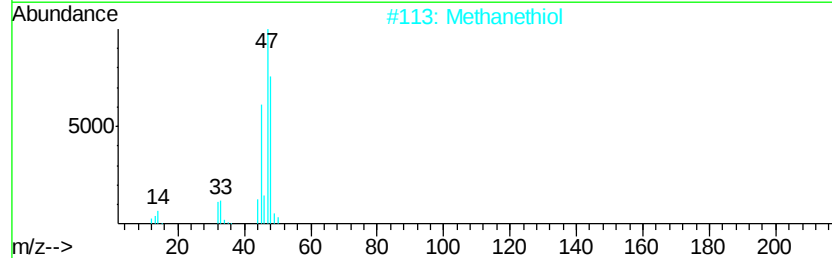
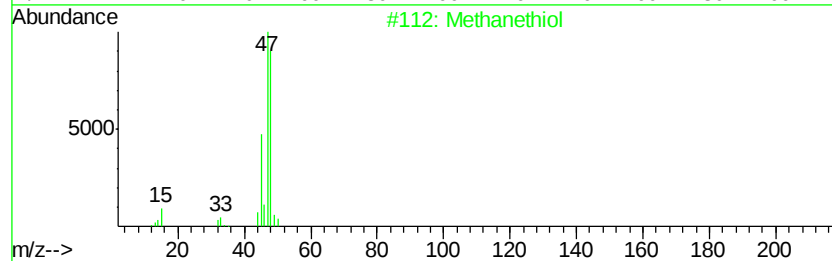
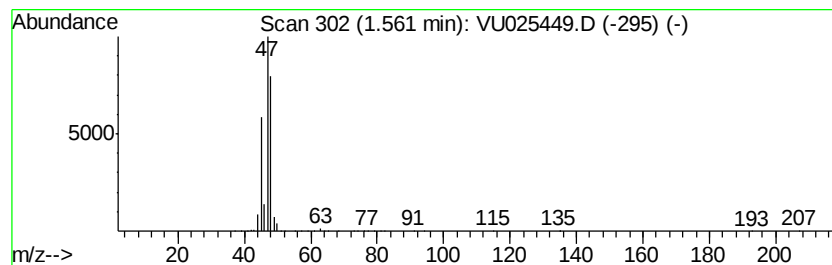
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.56	14.29 ug/L	217635	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanethiol	48	CH4S	000074-93-1	90
2		Methanethiol	48	CH4S	000074-93-1	90
3		Hvdroxylamine, O-methyl-	47	CH5NO	000067-62-9	9
4		Hvdroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5		Methane, nitroso-	45	CH3NO	000865-40-7	5



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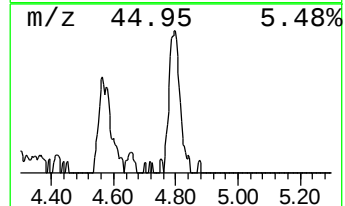
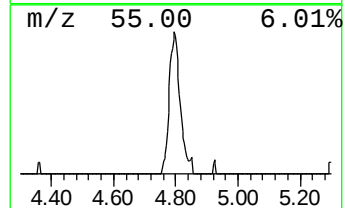
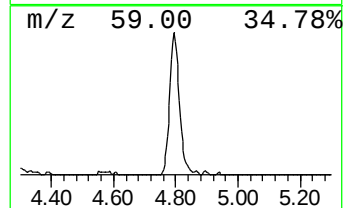
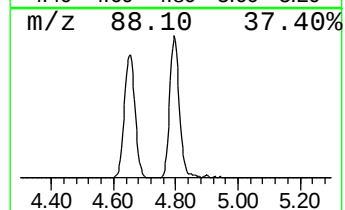
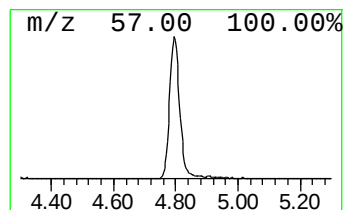
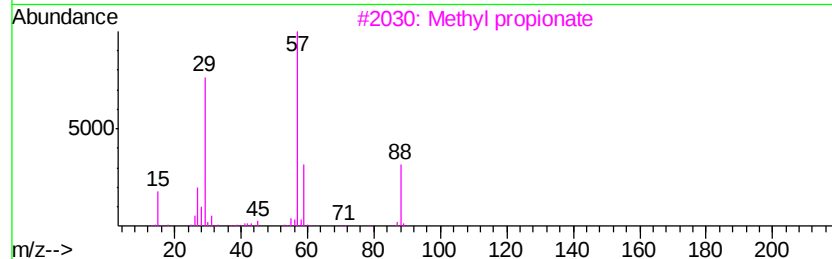
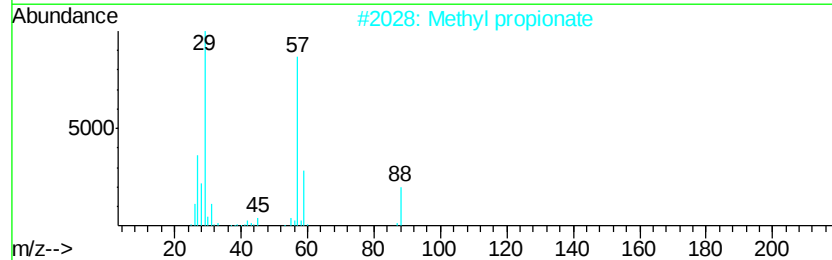
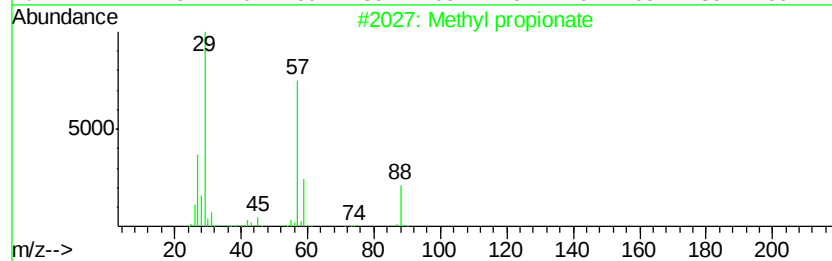
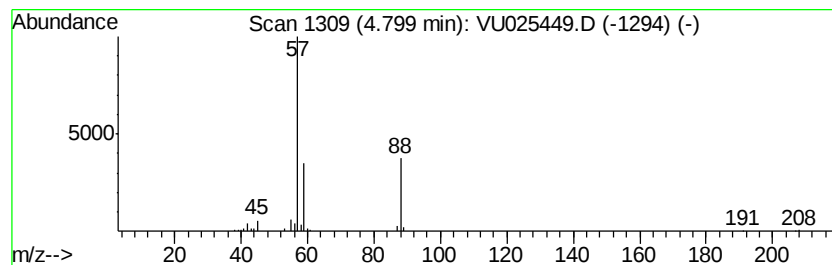
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Methyl propionate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.11 ug/L	108212	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl propionate	88	C4H8O2	000554-12-1	86
2		Methyl propionate	88	C4H8O2	000554-12-1	83
3		Methyl propionate	88	C4H8O2	000554-12-1	80
4		Methyl propionate	88	C4H8O2	000554-12-1	59
5		3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	9



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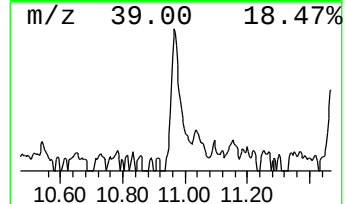
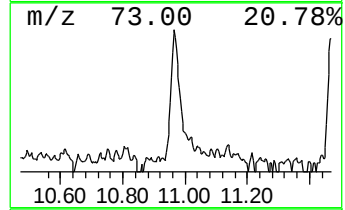
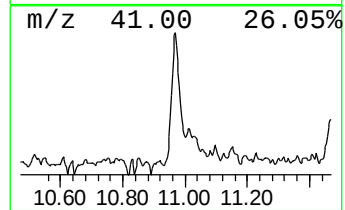
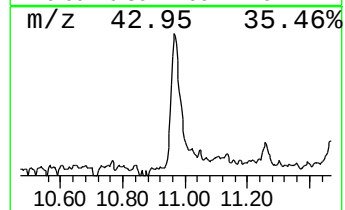
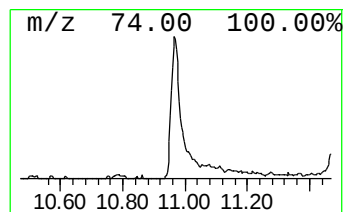
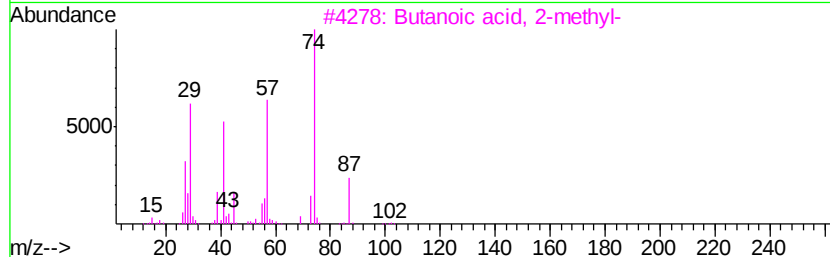
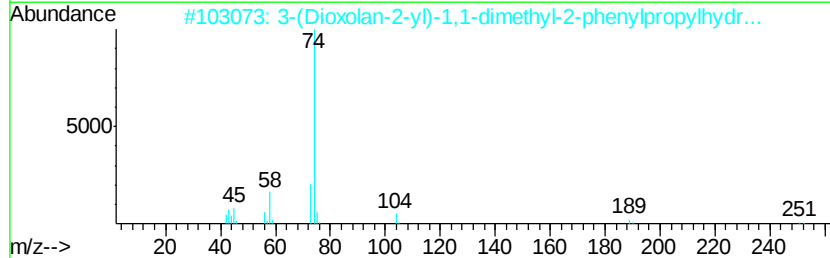
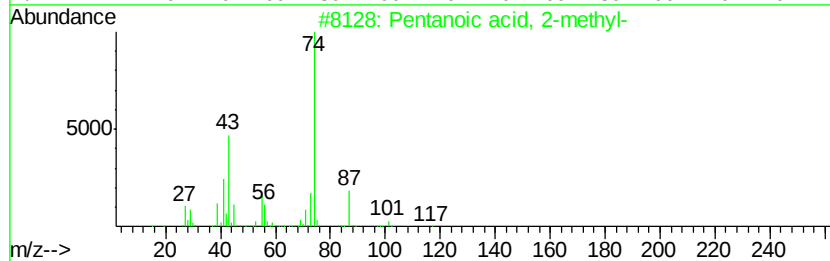
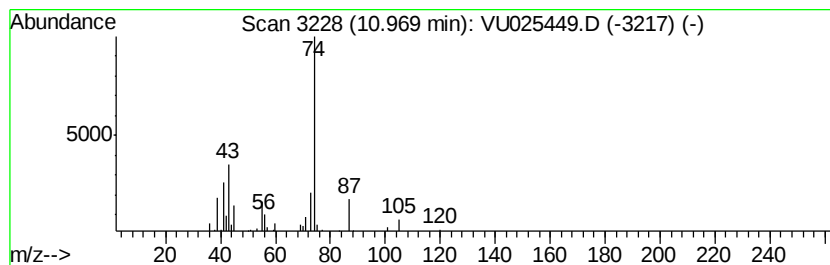
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Peak Number 6 Pentanoic acid, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.07 ug/L	51912	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
2		3-(Dioxolan-2-yl)-1,1-dimethyl-2...	251	C14H21NO3	1000305-98-1	64
3		Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	59
4		Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	56
5		Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025449.D
Acq On : 17 Jul 2018 01:26
Operator : MD/SY
Sample : J3984-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB1A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.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
Methanethiol	1.56	14.3	ug/L	217635	1	5.89	761392	50.0
Methyl propionate	4.80	7.1	ug/L	108212	1	5.89	761392	50.0
Pentanoic acid, 2...	10.97	3.1	ug/L	51912	3	11.49	844350	50.0