

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008673.D
 Acq On : 20 Nov 2018 14:56
 Operator : SY/MD
 Sample : J6002-01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2E76

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_V\METHOD\SOMVLM112018WMA.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	1.222	36	41	46	rBV	70623	63289	0.32%	0.184%
2	1.254	46	51	62	rVB	58314	68471	0.34%	0.200%
3	1.319	65	71	89	rVB2	154727	197914	0.99%	0.577%
4	1.547	133	142	171	rVB	1085639	1257920	6.27%	3.667%
5	2.126	311	322	332	rBV3	275759	433918	2.16%	1.265%
6	2.196	332	344	414	rVB	12360929	20071201	100.00%	58.504%
7	2.463	419	427	439	rVV2	31306	57665	0.29%	0.168%
8	2.534	440	449	462	rVB	120835	194823	0.97%	0.568%
9	3.235	664	667	671	rVB3	520	387	0.00%	0.001%
10	3.273	675	679	683	rBV2	424	277	0.00%	0.001%
11	3.306	687	689	694	rVB2	374	262	0.00%	0.001%
12	3.392	705	716	727	rBV2	6193	13786	0.07%	0.040%
13	3.482	742	744	749	rVB2	572	314	0.00%	0.001%
14	3.714	811	816	826	rVB2	339	442	0.00%	0.001%
15	3.939	871	886	932	rBV	71258	239513	1.19%	0.698%
16	4.251	978	983	987	rBV4	307	275	0.00%	0.001%
17	4.296	987	997	1012	rBV8	3641	8872	0.04%	0.026%
18	4.405	1012	1031	1066	rBV2	206466	643968	3.21%	1.877%
19	4.553	1073	1077	1079	rBV3	1116	1038	0.01%	0.003%
20	4.656	1094	1109	1126	rBV3	78935	191888	0.96%	0.559%
21	4.830	1160	1163	1166	rVB2	442	259	0.00%	0.001%
22	5.093	1225	1245	1256	rBV2	459855	1144189	5.70%	3.335%
23	5.331	1315	1319	1323	rBV4	475	548	0.00%	0.002%
24	5.389	1335	1337	1344	rVB3	395	377	0.00%	0.001%
25	5.434	1344	1351	1356	rBV4	473	701	0.00%	0.002%
26	5.469	1359	1362	1363	rBV	490	252	0.00%	0.001%
27	5.662	1407	1422	1441	rBV	343049	673265	3.35%	1.962%
28	5.830	1471	1474	1478	rVB3	558	455	0.00%	0.001%
29	5.958	1501	1514	1537	rBV	125843	245310	1.22%	0.715%
30	6.119	1549	1564	1583	rBV	242205	496238	2.47%	1.446%
31	6.222	1583	1596	1614	rVB	115605	226445	1.13%	0.660%
32	6.357	1627	1638	1650	rBV4	3917	7672	0.04%	0.022%
33	6.444	1660	1665	1672	rVB2	284	412	0.00%	0.001%
34	6.479	1672	1676	1681	rBV	232	261	0.00%	0.001%

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 Title : VOC Analysis

35	6.550	1696	1698	1702	rBV2	340	267	0.00%	0.001%
36	6.675	1718	1737	1756	rBV2	22329	48891	0.24%	0.143%
37	6.836	1783	1787	1791	rVB2	406	245	0.00%	0.001%
38	6.913	1803	1811	1814	rBV	391	436	0.00%	0.001%
39	6.968	1814	1828	1832	rBV2	1157	2037	0.01%	0.006%
40	7.029	1835	1847	1855	rBV	131983	238724	1.19%	0.696%
41	7.190	1887	1897	1914	rBV3	18235	34727	0.17%	0.101%
42	7.360	1936	1950	1962	rBV	518087	901394	4.49%	2.627%
43	7.431	1962	1972	1994	rVB	311840	543666	2.71%	1.585%
44	7.665	2029	2045	2050	rBV	90898	157278	0.78%	0.458%
45	7.794	2082	2085	2090	rVB3	532	495	0.00%	0.001%
46	7.884	2101	2113	2130	rBV	135909	232139	1.16%	0.677%
47	7.948	2130	2133	2137	rVB3	415	261	0.00%	0.001%
48	7.977	2139	2142	2143	rBV2	559	296	0.00%	0.001%
49	8.019	2143	2155	2175	rVB2	146343	247879	1.23%	0.723%
50	8.138	2179	2192	2222	rBV	283624	528418	2.63%	1.540%
51	8.318	2246	2248	2258	rVB5	1412	1612	0.01%	0.005%
52	8.402	2271	2274	2277	rVB2	660	464	0.00%	0.001%
53	8.421	2277	2280	2284	rBV3	444	294	0.00%	0.001%
54	8.456	2286	2291	2295	rBV4	822	951	0.00%	0.003%
55	8.569	2323	2326	2328	rBV2	378	251	0.00%	0.001%
56	8.614	2328	2340	2353	rVV	8451	15655	0.08%	0.046%
57	8.820	2400	2404	2407	rVB2	603	427	0.00%	0.001%
58	8.897	2414	2428	2446	rBV	491048	796146	3.97%	2.321%
59	9.058	2465	2478	2496	rBV	339792	534917	2.67%	1.559%
60	9.186	2506	2518	2537	rBV	343694	530325	2.64%	1.546%
61	9.530	2617	2625	2632	rBV6	2472	3902	0.02%	0.011%
62	9.572	2635	2638	2640	rVV2	1166	887	0.00%	0.003%
63	9.608	2644	2649	2661	rVB4	2058	2792	0.01%	0.008%
64	9.701	2667	2678	2688	rBV3	4713	8413	0.04%	0.025%
65	9.871	2729	2731	2739	rBV2	277	277	0.00%	0.001%
66	9.971	2759	2762	2764	rBV	872	581	0.00%	0.002%
67	10.103	2798	2803	2806	rBV2	340	254	0.00%	0.001%
68	10.161	2814	2821	2831	rVB6	3949	5934	0.03%	0.017%
69	10.263	2837	2853	2871	rBV	308037	488194	2.43%	1.423%
70	10.405	2887	2897	2910	rVB4	15687	25163	0.13%	0.073%
71	10.495	2920	2925	2933	rVV4	1619	1814	0.01%	0.005%

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72	10.923	3054	3058	3060	rBV	554	380	0.00%	0.001%
73	10.964	3067	3071	3075	rBV4	1018	1139	0.01%	0.003%
74	11.045	3090	3096	3099	rBV	287	309	0.00%	0.001%
75	11.141	3124	3126	3133	rVB2	644	459	0.00%	0.001%
76	11.228	3135	3153	3164	rBV	251687	405947	2.02%	1.183%
77	11.299	3164	3175	3195	rVV2	481536	1033000	5.15%	3.011%
78	11.392	3195	3204	3217	rVB2	53495	82903	0.41%	0.242%
79	11.482	3225	3232	3233	rBV2	410	402	0.00%	0.001%
80	11.562	3255	3257	3262	rVB3	476	266	0.00%	0.001%
81	11.678	3279	3293	3315	rBV2	530673	1147154	5.72%	3.344%
82	11.836	3340	3342	3348	rVV4	635	584	0.00%	0.002%
83	12.070	3411	3415	3418	rVB	353	313	0.00%	0.001%
84	12.299	3479	3486	3491	rVB3	825	1028	0.01%	0.003%
85	12.386	3511	3513	3520	rVB	341	340	0.00%	0.001%
86	12.443	3524	3531	3542	rVV4	3280	5245	0.03%	0.015%
87	12.601	3578	3580	3586	rVB4	457	378	0.00%	0.001%
88	12.697	3603	3610	3616	rBV4	2226	3131	0.02%	0.009%
89	12.897	3668	3672	3675	rVB2	582	380	0.00%	0.001%
90	13.312	3795	3801	3811	rBV5	2542	3546	0.02%	0.010%
91	13.556	3873	3877	3879	rBV2	1132	777	0.00%	0.002%
92	13.640	3899	3903	3905	rBV3	389	294	0.00%	0.001%
93	13.765	3940	3942	3946	rBV2	393	286	0.00%	0.001%
94	13.794	3946	3951	3953	rBV2	1541	1358	0.01%	0.004%
95	13.900	3975	3984	3994	rBV4	2876	4518	0.02%	0.013%
96	14.395	4132	4138	4142	rBV3	855	894	0.00%	0.003%
97	14.742	4239	4246	4255	rBV2	7538	10934	0.05%	0.032%
98	15.083	4349	4352	4358	rBV2	851	853	0.00%	0.002%
99	15.109	4358	4360	4363	rVB3	620	422	0.00%	0.001%
100	15.514	4483	4486	4489	rBV3	1148	910	0.00%	0.003%

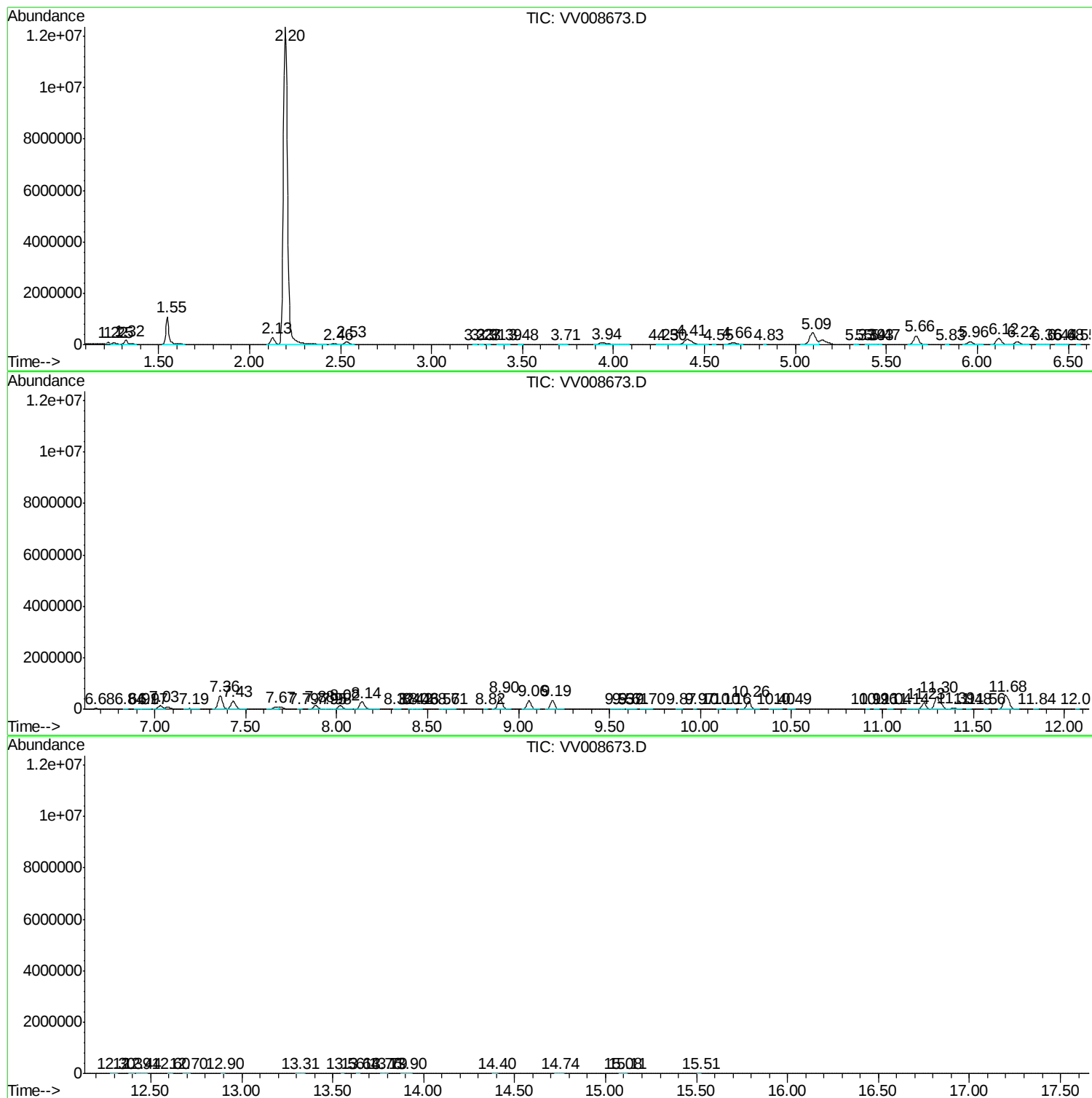
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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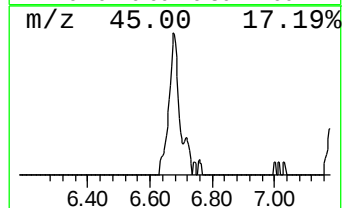
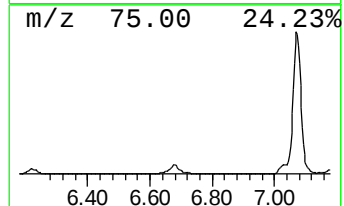
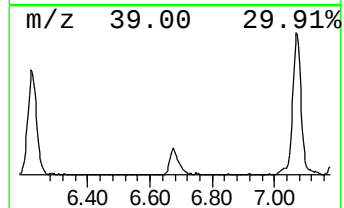
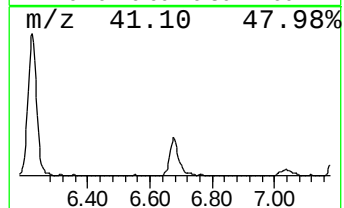
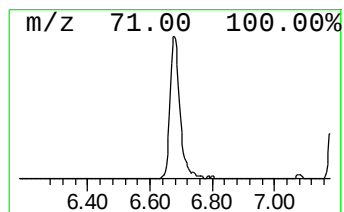
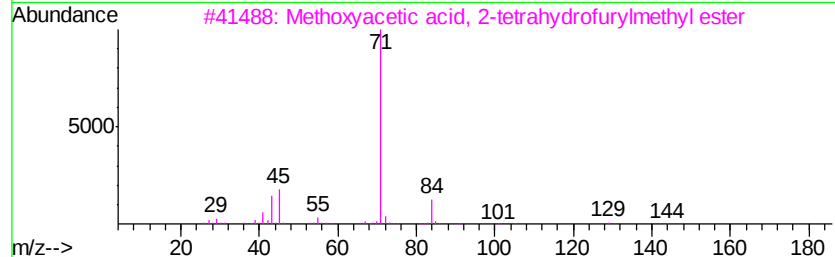
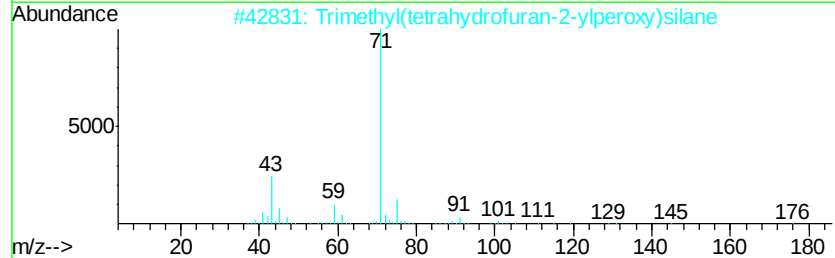
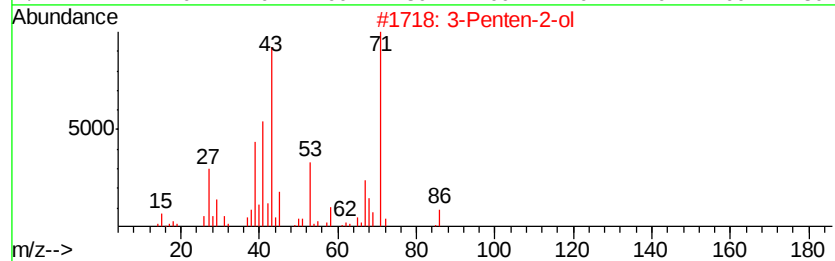
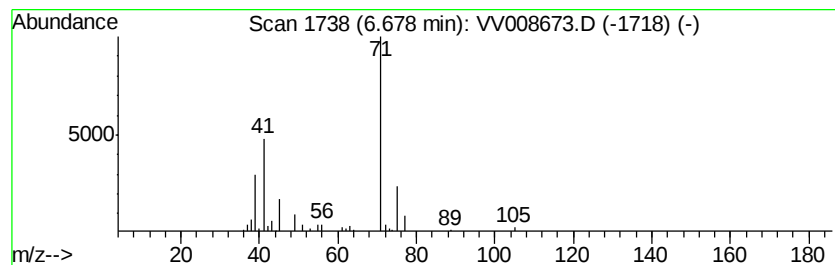
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.63 ug/L	48891	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-ol	86	C5H10O	001569-50-2	42
2		Trimethyl(tetrahydrofuran-2-yl)peroxy silane	176	C7H16O3Si	1000368-50-8	38
3		Methoxyacetic acid, 2-tetrahydrofurylmethyl ester	174	C8H14O4	1000282-41-3	33
4		Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	28
5		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	9



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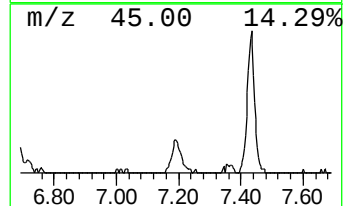
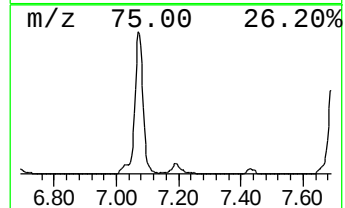
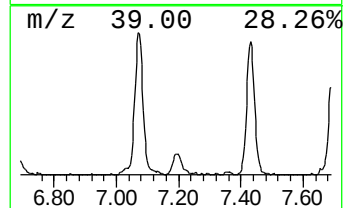
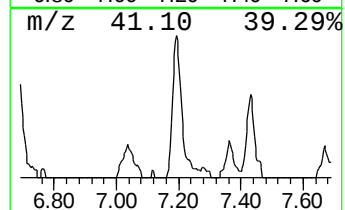
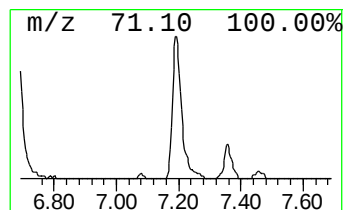
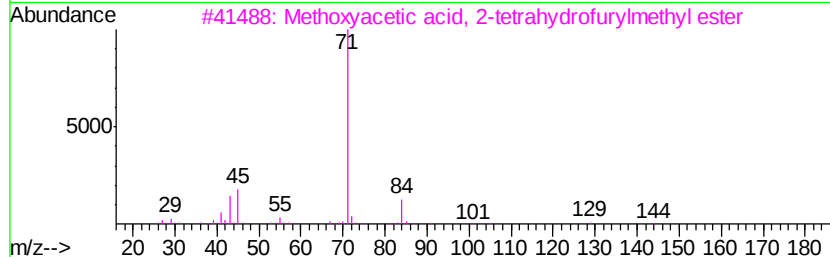
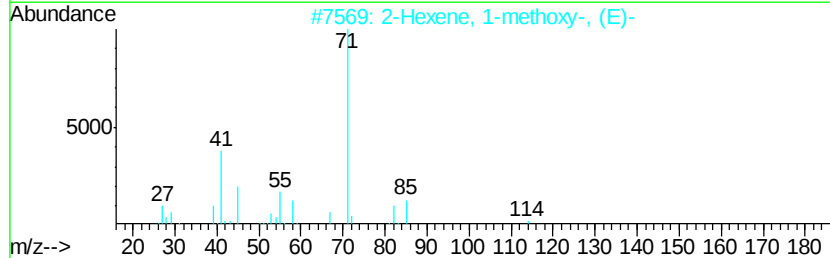
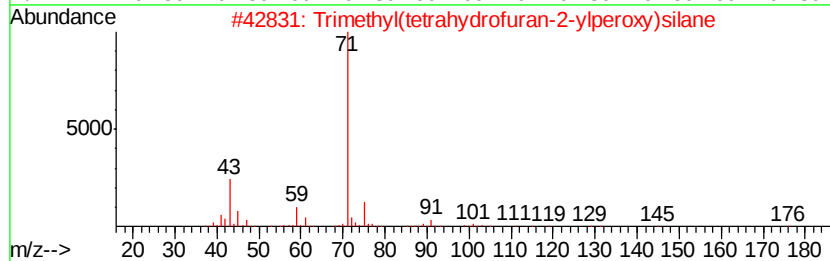
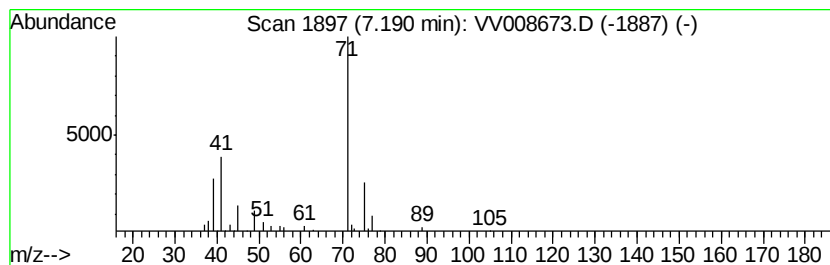
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	2.58 ug/L	34727	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trimethyl(tetrahydrofuran-2-ylpe...	176	C7H16O3Si	1000368-50-8	39
2		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	28
3		Methoxyacetic acid, 2-tetrahydro...	174	C8H14O4	1000282-41-3	9
4		3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	9
5		Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	9



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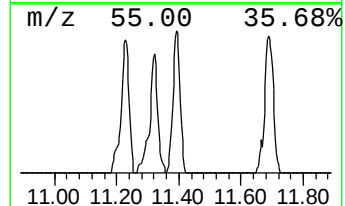
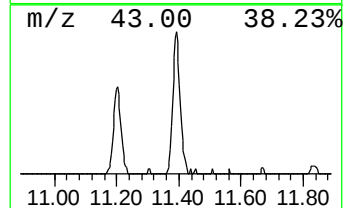
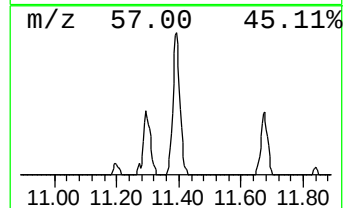
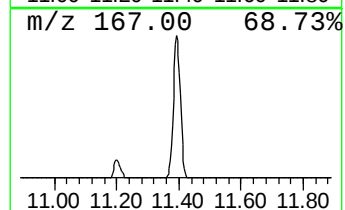
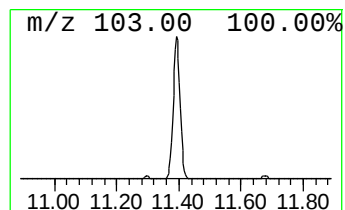
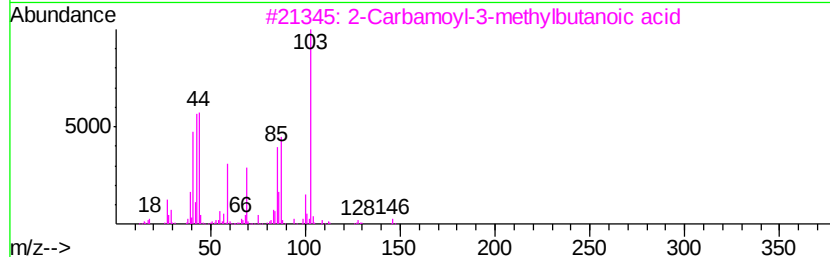
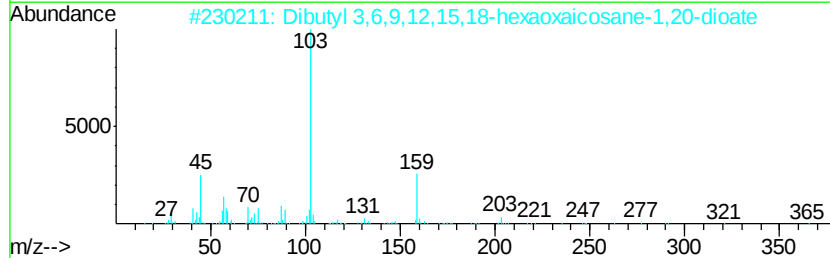
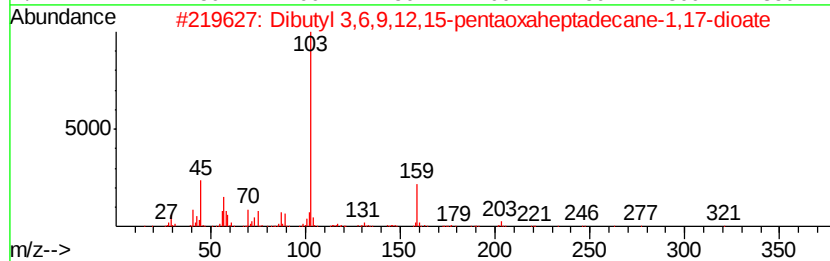
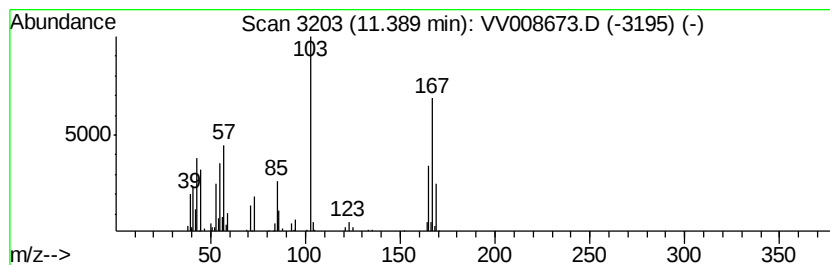
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.01 ug/L	82903	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibutyl 3,6,9,12,15-pentaoxahept...	422	C20H38O9	1000366-80-1	17
2		Dibutyl 3,6,9,12,15,18-hexaoxaic...	466	C22H42O10	1000366-80-0	17
3		2-Carbamoyl-3-methylbutanoic acid	145	C6H11NO3	004431-61-2	17
4		2-Oxazolidinethione	103	C3H5NOS	005840-81-3	12
5		Isovaleric acid, eicosyl ester	382	C25H50O2	1000340-26-8	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008673.D
Acq On : 20 Nov 2018 14:56
Operator : SY/MD
Sample : J6002-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2E76

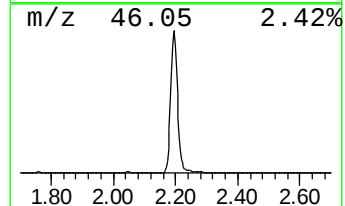
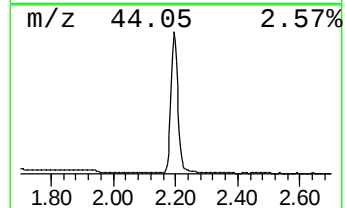
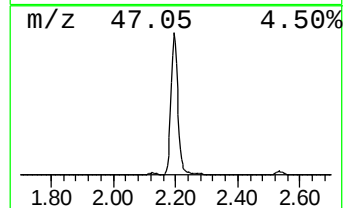
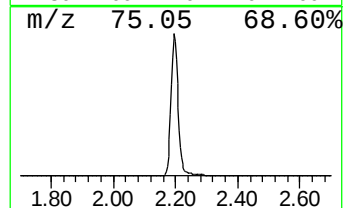
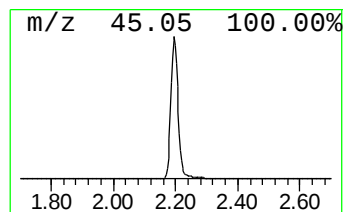
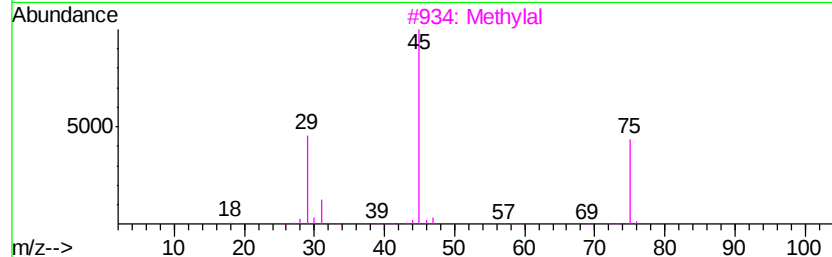
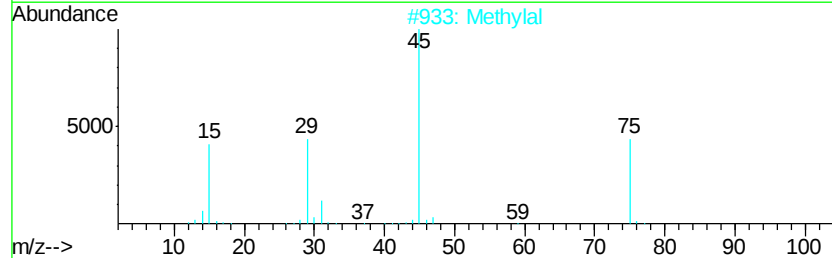
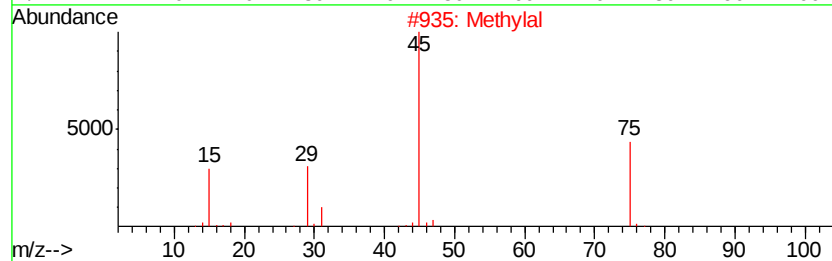
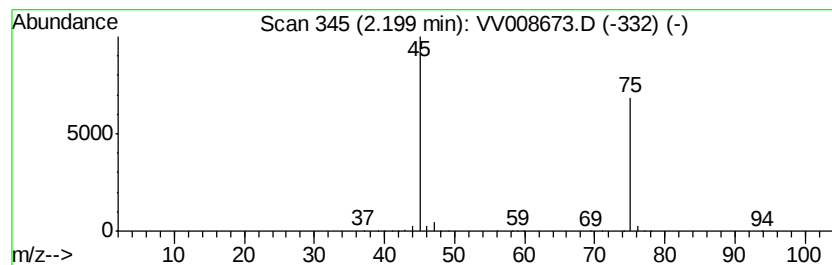
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Quant Title : VOC Analysis

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

Peak Number 4 Methylal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	1490.59 ug/L	20071200	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylal	76	C3H8O2	000109-87-5	78
2		Methylal	76	C3H8O2	000109-87-5	78
3		Methylal	76	C3H8O2	000109-87-5	59
4		Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	9
5		Ethanethioamide	75	C2H5NS	000062-55-5	5



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Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2E76

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.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
unknown-01	6.68	3.6	ug/L	48891	1	5.66	673265	50.0
unknown-02	7.19	2.6	ug/L	34727	1	5.66	673265	50.0
unknown-03	11.39	4.0	ug/L	82903	3	11.30	1033000	50.0
Methylal	2.20	1490.6	ug/L	20071200	1	5.66	673265	50.0