

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031101.D
 Acq On : 12 Apr 2019 04:03
 Operator : JC/SP
 Sample : K2299-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB709

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\SOMULM040519WMA.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	1.180	22	28	36	rBV2	45891	46364	2.46%	0.259%
2	1.392	87	94	105	rBV	261513	283336	15.04%	1.582%
3	1.470	112	118	127	rVB	73274	79400	4.22%	0.443%
4	1.675	175	182	194	rVB	200359	251494	13.35%	1.404%
5	2.267	350	366	376	rBV2	378511	710374	37.71%	3.966%
6	2.315	376	381	395	rVB	52547	81979	4.35%	0.458%
7	2.437	410	419	438	rVB	36316	67450	3.58%	0.377%
8	2.550	450	454	457	rBV4	1492	1156	0.06%	0.006%
9	2.579	461	463	468	rVB4	782	677	0.04%	0.004%
10	2.698	487	500	515	rVB4	14860	27612	1.47%	0.154%
11	2.833	524	542	557	rBV2	39181	88189	4.68%	0.492%
12	2.974	583	586	593	rBV4	699	838	0.04%	0.005%
13	3.183	642	651	653	rBV5	3528	4683	0.25%	0.026%
14	3.260	672	675	680	rVB3	708	658	0.03%	0.004%
15	3.318	689	693	697	rVB3	949	787	0.04%	0.004%
16	3.569	766	771	775	rBV3	823	808	0.04%	0.005%
17	3.627	785	789	796	rVB3	693	817	0.04%	0.005%
18	3.727	815	820	824	rBV3	568	629	0.03%	0.004%
19	4.000	892	905	918	rBV7	7459	21400	1.14%	0.119%
20	4.174	943	959	996	rBV2	270222	907324	48.17%	5.065%
21	4.566	1078	1081	1085	rVB4	1291	1044	0.06%	0.006%
22	4.643	1087	1105	1136	rVV2	332310	864492	45.90%	4.826%
23	4.868	1173	1175	1178	rBV	973	807	0.04%	0.005%
24	4.990	1211	1213	1218	rVB2	1312	946	0.05%	0.005%
25	5.074	1233	1239	1240	rBV3	800	608	0.03%	0.003%
26	5.161	1262	1266	1272	rVB4	721	749	0.04%	0.004%
27	5.228	1285	1287	1291	rVB3	1189	672	0.04%	0.004%
28	5.251	1291	1294	1296	rBV2	1089	699	0.04%	0.004%
29	5.334	1296	1320	1349	rBV2	626906	1883569	100.00%	10.515%
30	5.694	1430	1432	1438	rVB5	1128	674	0.04%	0.004%
31	5.765	1452	1454	1457	rBV2	751	544	0.03%	0.003%
32	5.784	1457	1460	1463	rBV3	1152	942	0.05%	0.005%
33	5.881	1476	1490	1519	rBV	593999	1199068	63.66%	6.694%
34	6.135	1567	1569	1572	rVB2	984	525	0.03%	0.003%

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 Title : VOC Analysis

35	6.186	1572	1585	1599	rVB10	9924	21883	1.16%	0.122%
36	6.238	1599	1601	1606	rVB3	984	840	0.04%	0.005%
37	6.270	1606	1611	1613	rBV5	1851	1520	0.08%	0.008%
38	6.325	1615	1628	1649	rBV	430331	874277	46.42%	4.881%
39	6.530	1683	1692	1717	rBV3	66263	137646	7.31%	0.768%
40	6.755	1753	1762	1775	rBV2	16429	30819	1.64%	0.172%
41	6.964	1825	1827	1834	rVB5	1021	732	0.04%	0.004%
42	7.013	1837	1842	1847	rVB5	1523	1348	0.07%	0.008%
43	7.042	1847	1851	1854	rBV3	836	788	0.04%	0.004%
44	7.103	1866	1870	1871	rBV2	1155	530	0.03%	0.003%
45	7.225	1896	1908	1929	rBV	220791	412248	21.89%	2.301%
46	7.382	1951	1957	1959	rBV5	1100	1027	0.05%	0.006%
47	7.437	1970	1974	1977	rBV4	1055	892	0.05%	0.005%
48	7.463	1978	1982	1985	rBV3	1928	1449	0.08%	0.008%
49	7.559	1999	2012	2029	rBV	741433	1308431	69.47%	7.305%
50	7.849	2092	2102	2120	rBV	150533	270241	14.35%	1.509%
51	8.128	2185	2189	2193	rBV6	705	567	0.03%	0.003%
52	8.173	2197	2203	2209	rBV6	2853	3272	0.17%	0.018%
53	8.225	2209	2219	2233	rVB2	42826	76704	4.07%	0.428%
54	8.308	2233	2245	2279	rBV	597310	1228549	65.22%	6.859%
55	8.460	2281	2292	2326	rVB	759070	1303589	69.21%	7.278%
56	8.662	2352	2355	2358	rVB3	1896	1113	0.06%	0.006%
57	8.733	2374	2377	2380	rBV3	1007	655	0.03%	0.004%
58	8.878	2419	2422	2427	rVV5	876	766	0.04%	0.004%
59	8.903	2427	2430	2435	rVB4	719	589	0.03%	0.003%
60	8.993	2456	2458	2462	rVB3	810	537	0.03%	0.003%
61	9.022	2462	2467	2469	rBV2	724	591	0.03%	0.003%
62	9.087	2474	2487	2509	rBV	895109	1507417	80.03%	8.415%
63	9.427	2590	2593	2597	rBV3	642	536	0.03%	0.003%
64	9.482	2608	2610	2615	rBV4	913	640	0.03%	0.004%
65	9.540	2624	2628	2629	rBV2	956	591	0.03%	0.003%
66	9.652	2660	2663	2666	rVB4	1054	666	0.04%	0.004%
67	9.726	2682	2686	2689	rBV4	1925	1610	0.09%	0.009%
68	9.826	2714	2717	2720	rBV5	1224	934	0.05%	0.005%
69	9.894	2735	2738	2740	rBV3	1131	917	0.05%	0.005%
70	9.939	2747	2752	2755	rBV6	1861	2226	0.12%	0.012%
71	10.029	2770	2780	2799	rBV3	60904	112398	5.97%	0.627%

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72	10.183	2826	2828	2832	rVB3	1184	691	0.04%	0.004%
73	10.212	2832	2837	2840	rBV4	1031	1000	0.05%	0.006%
74	10.347	2876	2879	2882	rVB3	1128	699	0.04%	0.004%
75	10.363	2882	2884	2887	rBV3	1002	782	0.04%	0.004%
76	10.427	2891	2904	2925	rVV	625422	1028865	54.62%	5.744%
77	10.598	2953	2957	2959	rBV4	1951	1502	0.08%	0.008%
78	10.685	2981	2984	2986	rVV3	1148	641	0.03%	0.004%
79	10.755	2992	3006	3012	rBV8	2806	6673	0.35%	0.037%
80	10.913	3049	3055	3059	rBV5	1481	1686	0.09%	0.009%
81	10.987	3071	3078	3093	rBV9	5928	13813	0.73%	0.077%
82	11.154	3127	3130	3144	rVB10	2460	3967	0.21%	0.022%
83	11.315	3178	3180	3187	rVB5	1314	1148	0.06%	0.006%
84	11.369	3187	3197	3219	rBV2	101130	189100	10.04%	1.056%
85	11.479	3219	3231	3254	rVV	851407	1374435	72.97%	7.673%
86	11.758	3309	3318	3330	rBV9	8167	18660	0.99%	0.104%
87	11.855	3336	3348	3366	rBV	769746	1254769	66.62%	7.005%
88	12.238	3459	3467	3473	rBV8	5478	9075	0.48%	0.051%
89	12.366	3505	3507	3511	rBV3	1058	876	0.05%	0.005%
90	12.421	3521	3524	3526	rBV3	1129	854	0.05%	0.005%
91	12.472	3537	3540	3547	rBV6	2520	2280	0.12%	0.013%
92	12.569	3558	3570	3581	rBV3	81593	150022	7.96%	0.838%
93	13.299	3793	3797	3799	rBV3	1251	1071	0.06%	0.006%
94	14.000	4013	4015	4017	rBV2	960	540	0.03%	0.003%
95	14.205	4076	4079	4081	rBV2	1437	954	0.05%	0.005%
96	14.659	4217	4220	4225	rBV5	1137	1332	0.07%	0.007%
97	14.881	4287	4289	4291	rBV	1019	642	0.03%	0.004%
98	15.421	4451	4457	4463	rBV7	2113	2882	0.15%	0.016%
99	15.495	4477	4480	4482	rBV3	1143	867	0.05%	0.005%
100	15.951	4619	4622	4625	rBV4	2082	1786	0.09%	0.010%

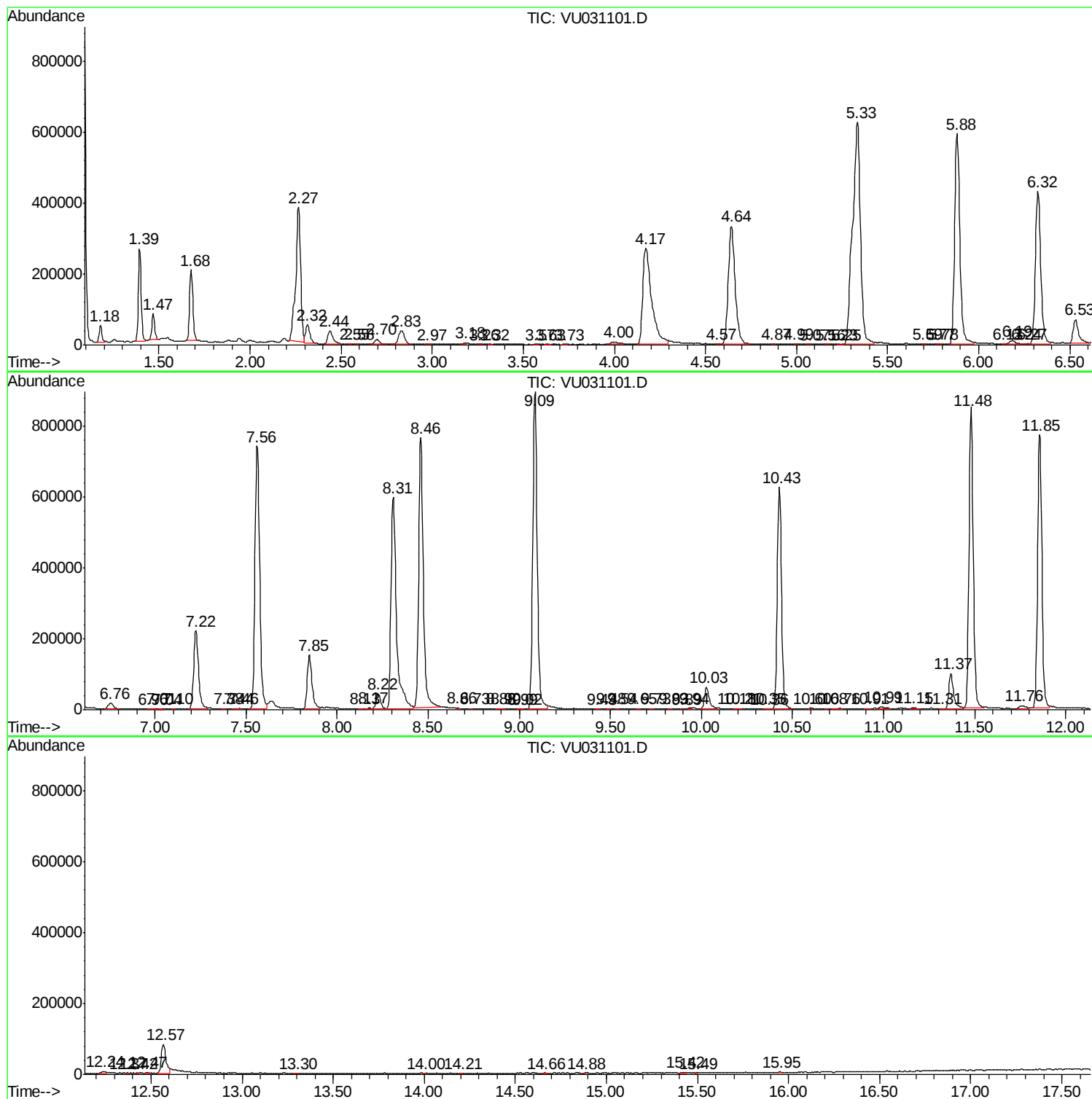
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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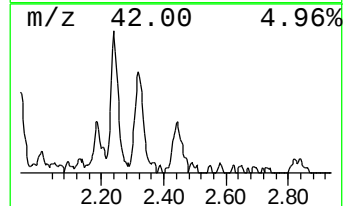
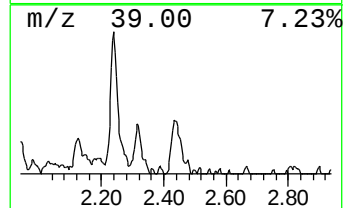
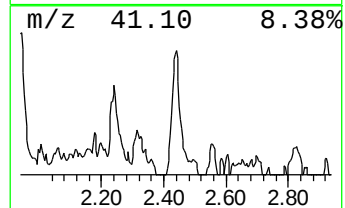
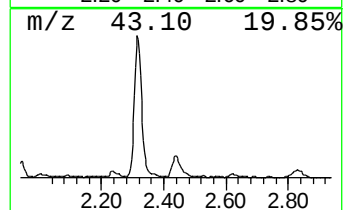
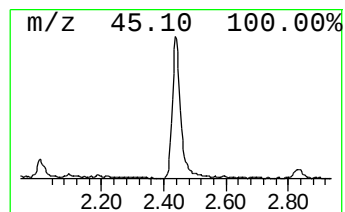
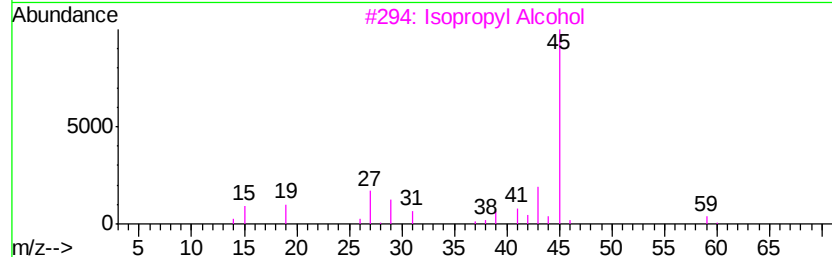
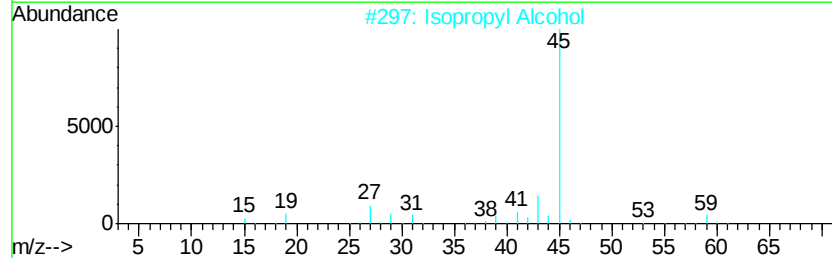
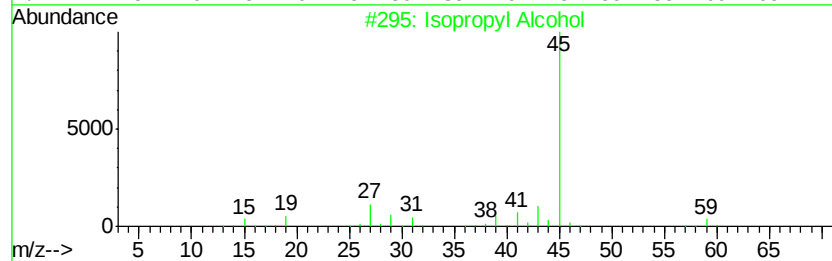
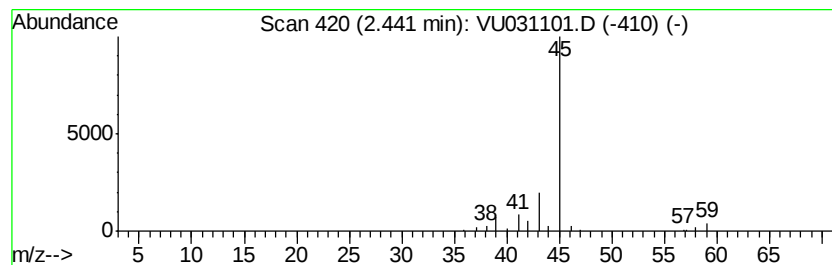
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.81 ug/L	67450	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4		Formamide	45	CH3NO	000075-12-7	5
5		Ethylamine	45	C2H7N	000075-04-7	5



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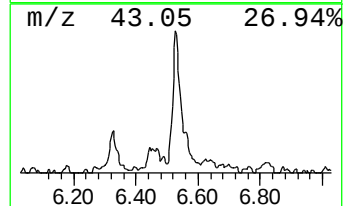
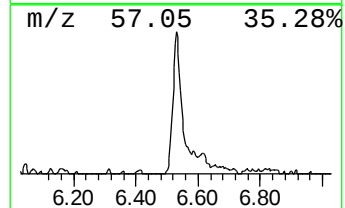
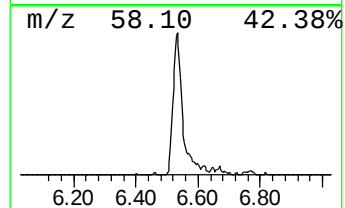
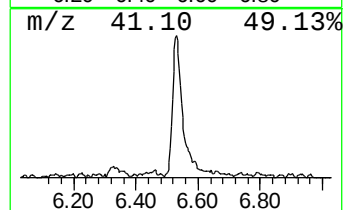
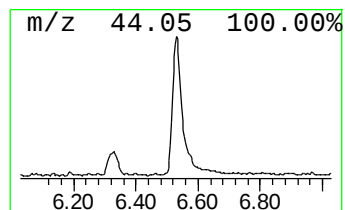
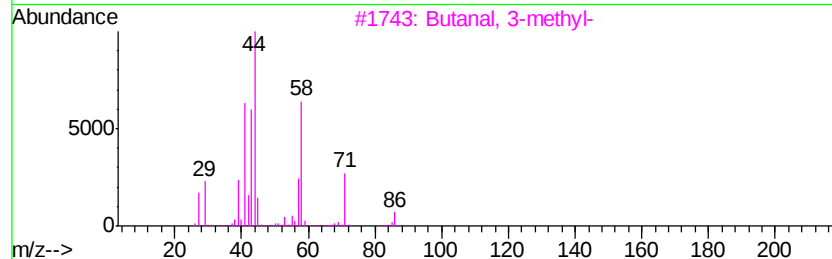
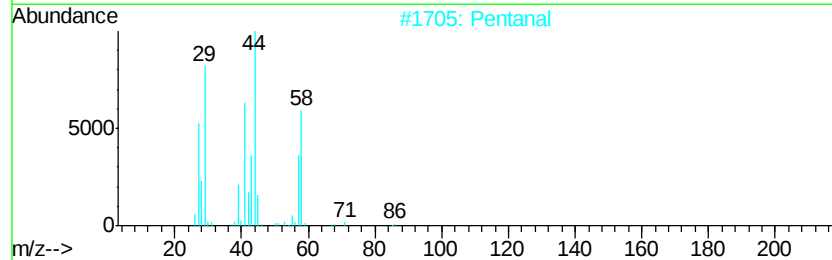
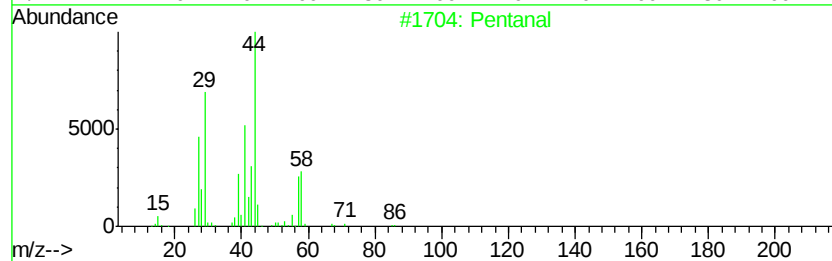
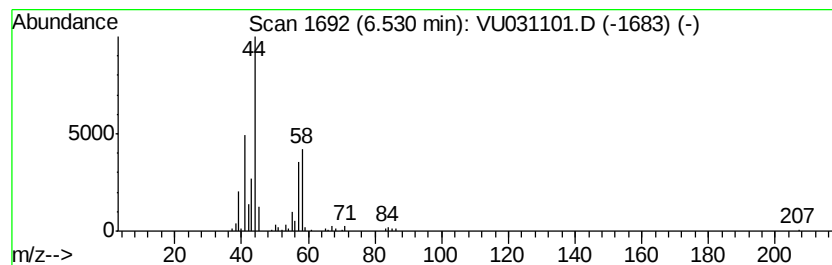
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Quant Title : VOC Analysis

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

Peak Number 4 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	5.74 ug/L	137646	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	86
2		Pentanal	86	C5H10O	000110-62-3	86
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
4		Pentanal	86	C5H10O	000110-62-3	64
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	50



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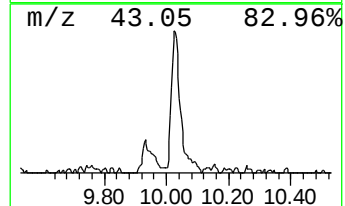
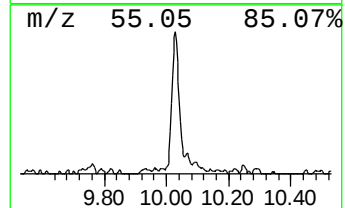
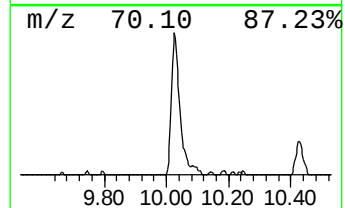
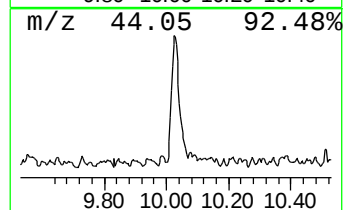
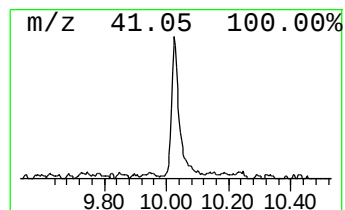
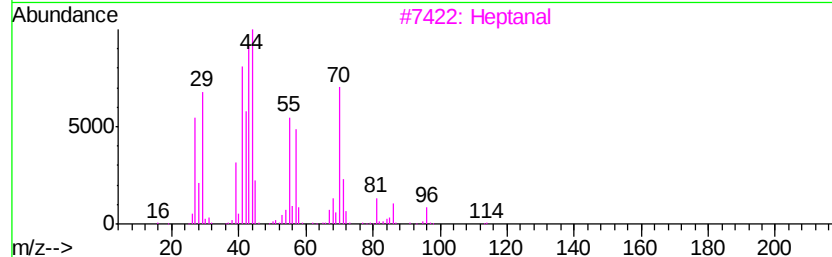
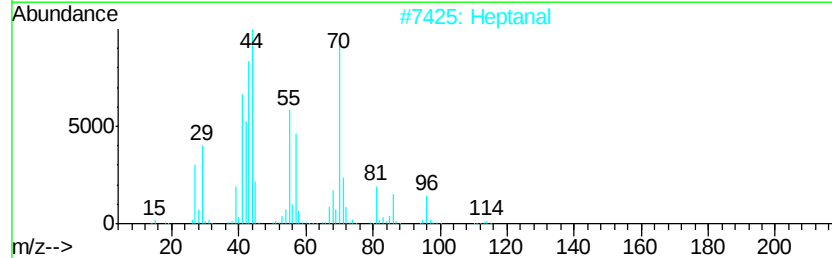
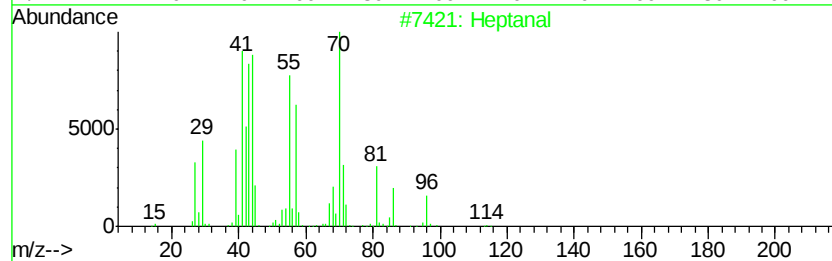
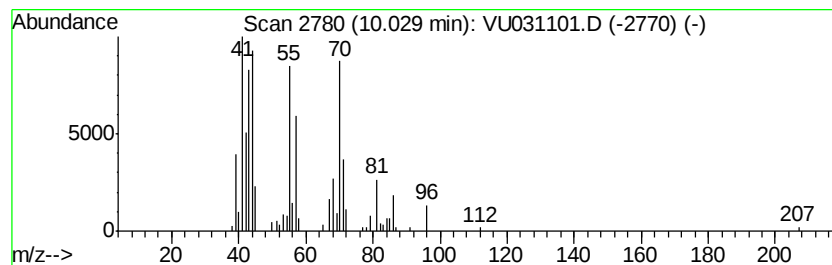
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Peak Number 6 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.73 ug/L	112398	Chlorobenzene-d5	9.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	90
2	Heptanal		114	C7H14O	000111-71-7	86
3	Heptanal		114	C7H14O	000111-71-7	78
4	Heptanal		114	C7H14O	000111-71-7	78
5	Heptanal		114	C7H14O	000111-71-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031101.D
Acq On : 12 Apr 2019 04:03
Operator : JC/SP
Sample : K2299-29
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 93 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB709

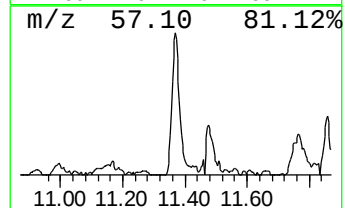
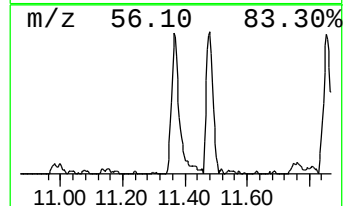
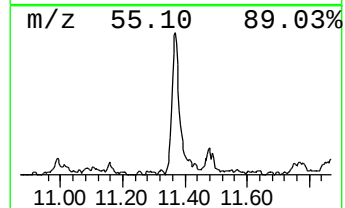
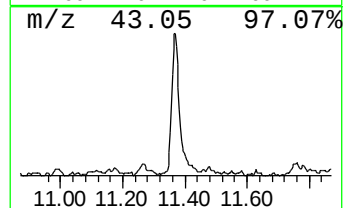
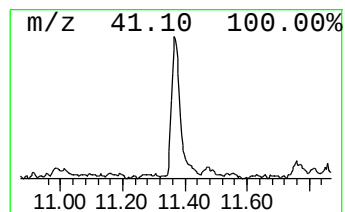
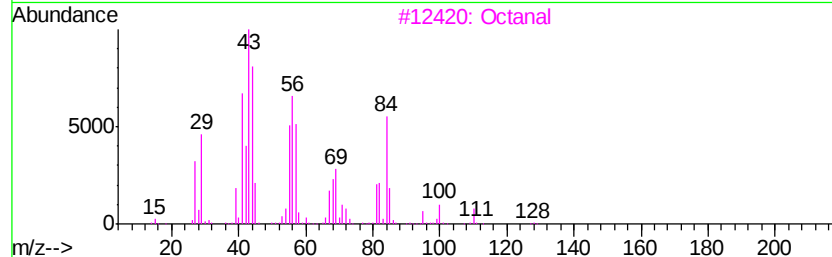
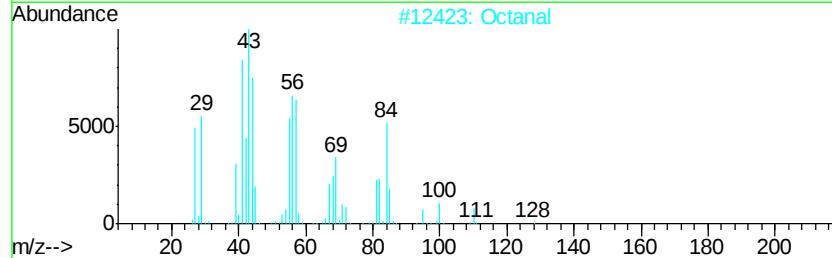
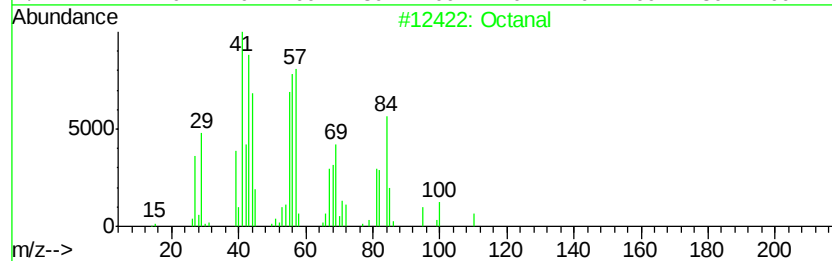
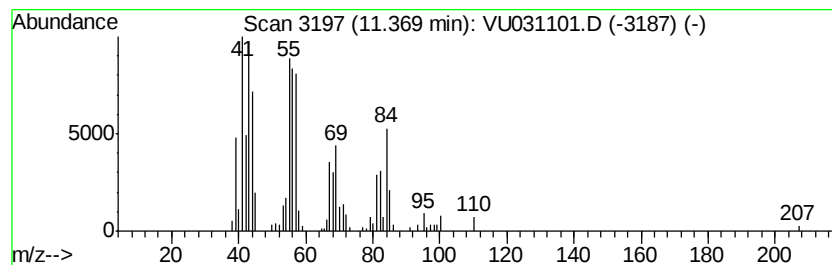
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Quant Title : VOC Analysis

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

Peak Number 7 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	6.88 ug/L	189100	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	91
2	Octanal		128	C8H16O	000124-13-0	86
3	Octanal		128	C8H16O	000124-13-0	64
4	Bromoacetic acid, hexyl ester		222	C8H15BrO2	013048-32-3	47
5	Piperazine, 2-methyl-		100	C5H12N2	000109-07-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031101.D
Acq On : 12 Apr 2019 04:03
Operator : JC/SP
Sample : K2299-29
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 93 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB709

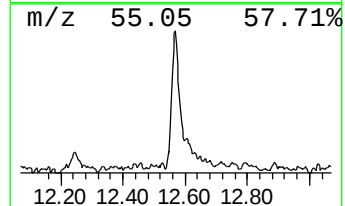
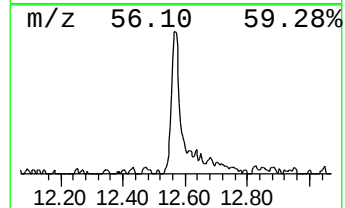
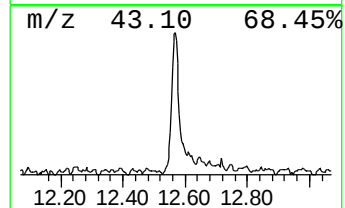
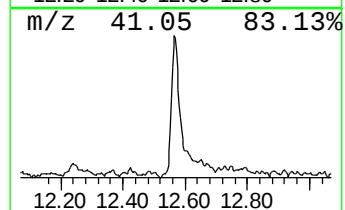
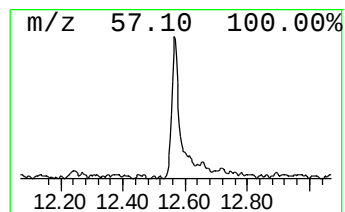
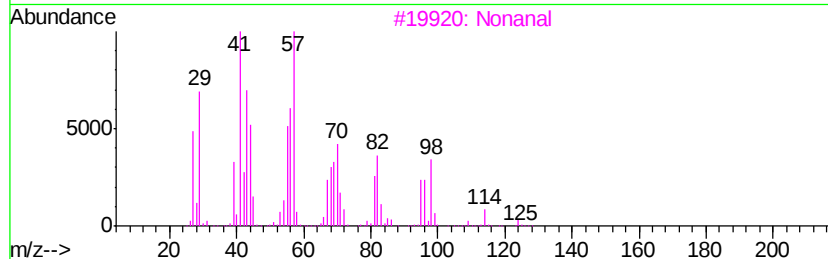
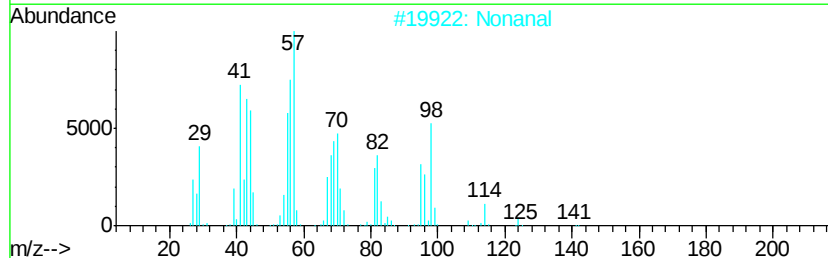
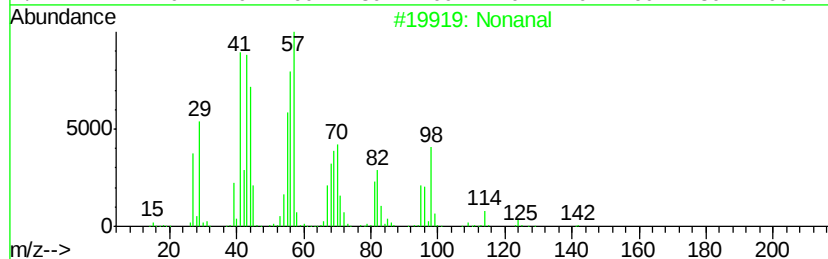
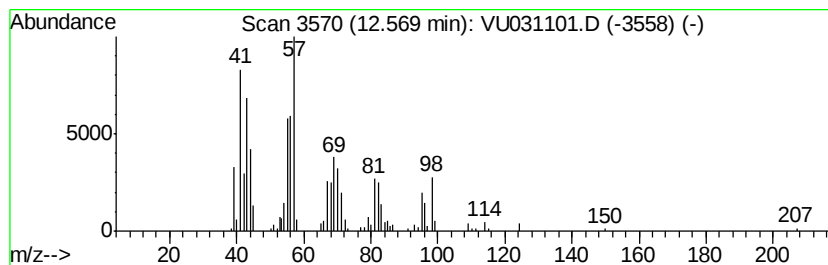
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Quant Title : VOC Analysis

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

Peak Number 8 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.46 ug/L	150022	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	80
2	Nonanal		142	C9H18O	000124-19-6	78
3	Nonanal		142	C9H18O	000124-19-6	72
4	2-Hepten-1-ol, (E)-		114	C7H14O	033467-76-4	41
5	3-Aminopyrrolidine		86	C4H10N2	079286-79-6	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031101.D
Acq On : 12 Apr 2019 04:03
Operator : JC/SP
Sample : K2299-29
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 93 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB709

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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
Isopropyl Alcohol	2.44	2.8	ug/L	67450	1	5.88	1199070	50.0
Pentanal	6.53	5.7	ug/L	137646	1	5.88	1199070	50.0
Heptanal	10.03	3.7	ug/L	112398	2	9.09	1507420	50.0
Octanal	11.37	6.9	ug/L	189100	3	11.48	1374440	50.0
Nonanal	12.57	5.5	ug/L	150022	3	11.48	1374440	50.0