

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031574.D
 Acq On : 29 Apr 2019 10:30
 Operator : JC/SP
 Sample : K2590-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X94

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\SOMULM042719WMA.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	1.177	22	27	35	rBV3	61811	62385	1.83%	0.235%
2	1.293	59	63	69	rBV	19868	17148	0.50%	0.065%
3	1.395	88	95	107	rVB	466263	503286	14.74%	1.894%
4	1.678	176	183	200	rVB	377582	477235	13.98%	1.796%
5	2.270	357	367	380	rBV	775927	1175296	34.42%	4.422%
6	2.337	382	388	409	rVB3	38417	88028	2.58%	0.331%
7	2.833	532	542	554	rBV6	8936	20015	0.59%	0.075%
8	3.067	609	615	619	rBV2	1391	1452	0.04%	0.005%
9	3.157	638	643	644	rBV2	1208	1005	0.03%	0.004%
10	3.231	660	666	669	rBV2	1785	2203	0.06%	0.008%
11	3.264	672	676	679	rVV2	1697	1605	0.05%	0.006%
12	3.315	688	692	695	rVB2	1489	1068	0.03%	0.004%
13	3.444	730	732	737	rVB3	1839	1163	0.03%	0.004%
14	3.511	749	753	762	rBV2	2351	2758	0.08%	0.010%
15	3.617	782	786	788	rBV	1473	1391	0.04%	0.005%
16	3.636	788	792	802	rVB4	2279	3730	0.11%	0.014%
17	3.701	802	812	814	rBV5	1579	2282	0.07%	0.009%
18	3.775	823	835	840	rBV5	1640	2828	0.08%	0.011%
19	3.849	854	858	862	rVB3	1498	1274	0.04%	0.005%
20	3.990	897	902	907	rBV6	1493	1891	0.06%	0.007%
21	4.090	929	933	935	rBV3	1179	982	0.03%	0.004%
22	4.186	948	963	995	rBV2	302606	999528	29.27%	3.761%
23	4.392	1019	1027	1055	rVB2	37583	108130	3.17%	0.407%
24	4.643	1089	1105	1127	rBV	545601	1306459	38.26%	4.916%
25	4.932	1192	1195	1201	rVB4	1311	1156	0.03%	0.004%
26	4.984	1204	1211	1214	rBV6	2940	3544	0.10%	0.013%
27	5.000	1214	1216	1221	rVB3	3136	2260	0.07%	0.009%
28	5.103	1246	1248	1251	rVB3	1929	1023	0.03%	0.004%
29	5.225	1283	1286	1289	rVB3	1991	1281	0.04%	0.005%
30	5.337	1297	1321	1356	rBV2	1111367	3414293	100.00%	12.846%
31	5.669	1421	1424	1433	rVB8	2492	2158	0.06%	0.008%
32	5.739	1442	1446	1448	rBV3	2070	1640	0.05%	0.006%
33	5.791	1459	1462	1466	rBV5	1995	1827	0.05%	0.007%
34	5.884	1477	1491	1514	rBV	862434	1784885	52.28%	6.716%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Title : VOC Analysis

35	6.183	1570	1584	1613	rBV	633216	1305722	38.24%	4.913%
36	6.324	1615	1628	1655	rVB	758787	1559537	45.68%	5.868%
37	6.591	1707	1711	1715	rBV8	1718	1734	0.05%	0.007%
38	6.669	1730	1735	1740	rVB6	1453	1721	0.05%	0.006%
39	6.781	1765	1770	1772	rBV4	1603	1309	0.04%	0.005%
40	6.829	1783	1785	1791	rVB4	2068	1331	0.04%	0.005%
41	6.900	1803	1807	1810	rBV4	1075	993	0.03%	0.004%
42	6.958	1822	1825	1830	rBV2	1986	1633	0.05%	0.006%
43	7.032	1844	1848	1849	rBV	1794	1301	0.04%	0.005%
44	7.144	1877	1883	1887	rBV2	2357	2396	0.07%	0.009%
45	7.225	1896	1908	1937	rBV	386029	751943	22.02%	2.829%
46	7.562	2000	2013	2053	rBV	1354281	2546538	74.58%	9.581%
47	7.849	2091	2102	2120	rBV2	267700	488703	14.31%	1.839%
48	8.131	2186	2190	2194	rBV7	1398	1538	0.05%	0.006%
49	8.180	2194	2205	2211	rVV3	12679	22535	0.66%	0.085%
50	8.228	2214	2220	2229	rVB8	8351	13157	0.39%	0.050%
51	8.308	2234	2245	2279	rBV	1031494	2054151	60.16%	7.729%
52	8.730	2374	2376	2380	rBV3	1281	1055	0.03%	0.004%
53	8.842	2408	2411	2415	rBV3	1294	1135	0.03%	0.004%
54	8.980	2451	2454	2460	rVB6	1061	1005	0.03%	0.004%
55	9.086	2474	2487	2529	rBV	1267546	2252457	65.97%	8.475%
56	9.305	2552	2555	2559	rVB5	2082	1639	0.05%	0.006%
57	9.331	2559	2563	2567	rBV3	1453	1557	0.05%	0.006%
58	9.389	2579	2581	2584	rVB2	2075	1103	0.03%	0.004%
59	9.450	2596	2600	2603	rBV2	2060	2119	0.06%	0.008%
60	9.527	2621	2624	2628	rVB3	2183	1509	0.04%	0.006%
61	9.553	2628	2632	2636	rBV5	2089	2162	0.06%	0.008%
62	9.672	2664	2669	2672	rBV3	2272	2008	0.06%	0.008%
63	9.762	2692	2697	2703	rBV7	1942	2018	0.06%	0.008%
64	9.794	2703	2707	2711	rBV4	1729	1754	0.05%	0.007%
65	9.816	2711	2714	2722	rVB6	1679	1719	0.05%	0.006%
66	9.855	2722	2726	2731	rBV4	1157	1258	0.04%	0.005%
67	10.138	2810	2814	2818	rBV2	1510	1408	0.04%	0.005%
68	10.173	2823	2825	2827	rBV2	1706	1090	0.03%	0.004%
69	10.202	2829	2834	2835	rVV2	2899	2548	0.07%	0.010%
70	10.218	2835	2839	2855	rVB2	5132	10055	0.29%	0.038%
71	10.299	2860	2864	2870	rVB6	1659	1490	0.04%	0.006%

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72	10.331	2870	2874	2876	rBV3	1474	1261	0.04%	0.005%
73	10.427	2891	2904	2932	rBV	964962	1596596	46.76%	6.007%
74	10.607	2950	2960	2967	rVB5	9031	16185	0.47%	0.061%
75	10.887	3044	3047	3050	rVB3	1801	1106	0.03%	0.004%
76	11.006	3080	3084	3087	rBV3	1794	1437	0.04%	0.005%
77	11.144	3121	3127	3128	rBV3	1750	1644	0.05%	0.006%
78	11.157	3128	3131	3136	rVV4	1639	1540	0.05%	0.006%
79	11.318	3178	3181	3186	rBV3	2011	2078	0.06%	0.008%
80	11.385	3198	3202	3203	rBV	1601	1120	0.03%	0.004%
81	11.424	3210	3214	3219	rBV3	2373	2795	0.08%	0.011%
82	11.479	3220	3231	3254	rBV	1091866	1783076	52.22%	6.709%
83	11.749	3306	3315	3328	rBV3	46868	99862	2.92%	0.376%
84	11.855	3337	3348	3373	rVB	1190695	1988553	58.24%	7.482%
85	12.363	3503	3506	3508	rBV4	2168	1382	0.04%	0.005%
86	12.456	3531	3535	3536	rBV2	2380	1819	0.05%	0.007%
87	12.479	3538	3542	3554	rVB9	4601	7695	0.23%	0.029%
88	12.639	3589	3592	3595	rBV	1676	1491	0.04%	0.006%
89	12.713	3611	3615	3617	rBV3	2434	1769	0.05%	0.007%
90	12.807	3641	3644	3647	rBV2	2259	1545	0.05%	0.006%
91	12.948	3680	3688	3692	rBV5	2844	3907	0.11%	0.015%
92	13.144	3746	3749	3751	rBV2	1574	1011	0.03%	0.004%
93	13.286	3790	3793	3800	rBV4	2054	2187	0.06%	0.008%
94	13.318	3800	3803	3808	rVV6	2550	2063	0.06%	0.008%
95	13.340	3808	3810	3816	rVB3	2052	2173	0.06%	0.008%
96	13.389	3822	3825	3829	rBV2	1973	1366	0.04%	0.005%
97	13.504	3856	3861	3862	rBV2	2458	1957	0.06%	0.007%
98	14.237	4087	4089	4095	rBV4	1765	2079	0.06%	0.008%
99	14.266	4095	4098	4102	rBV3	2934	2981	0.09%	0.011%
100	14.376	4130	4132	4134	rBV2	1940	1100	0.03%	0.004%

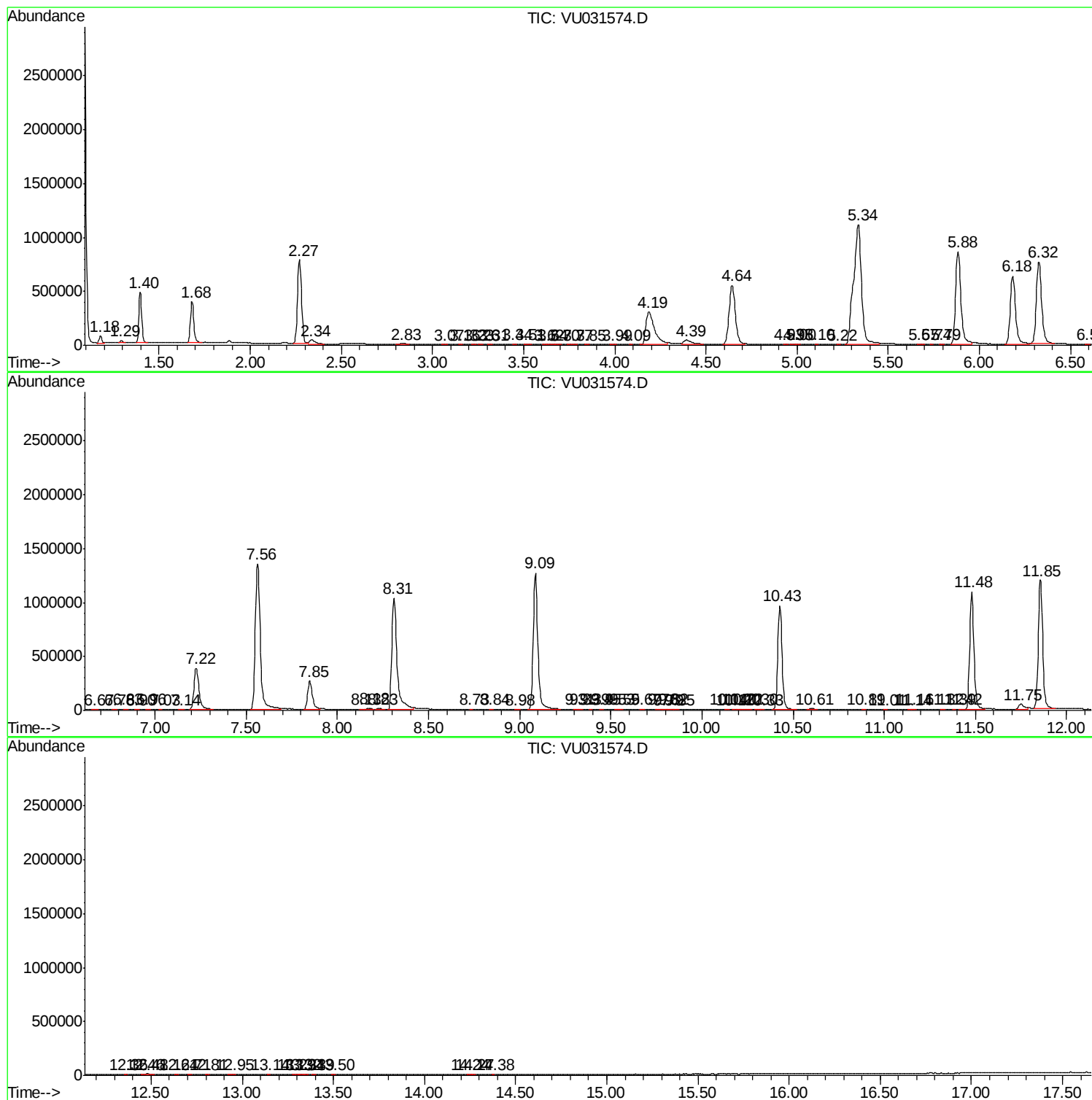
Sum of corrected areas: 26578318

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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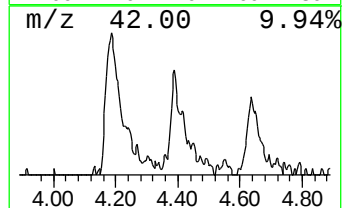
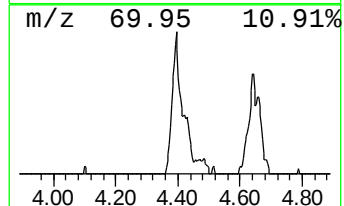
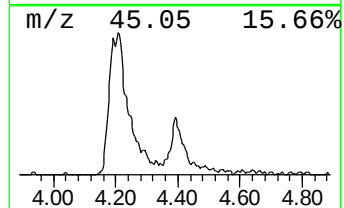
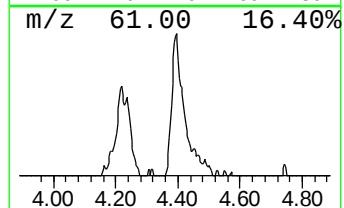
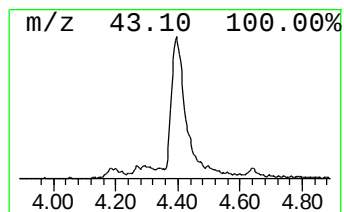
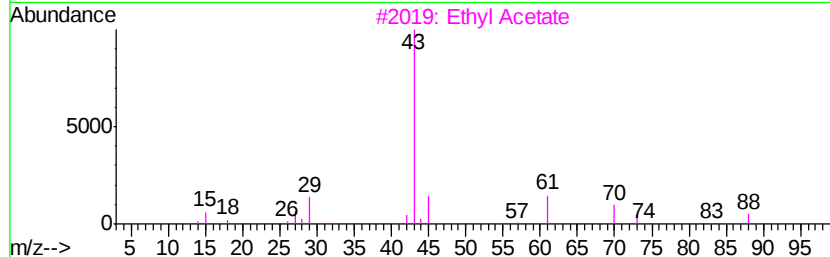
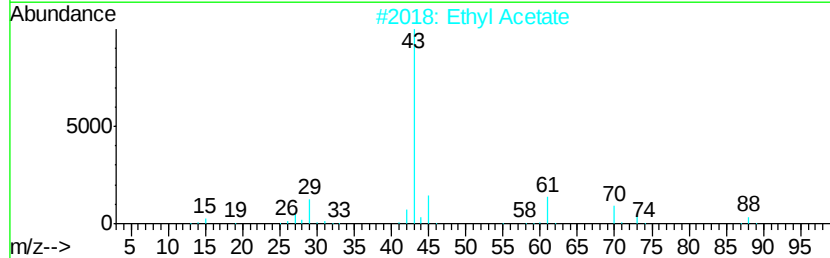
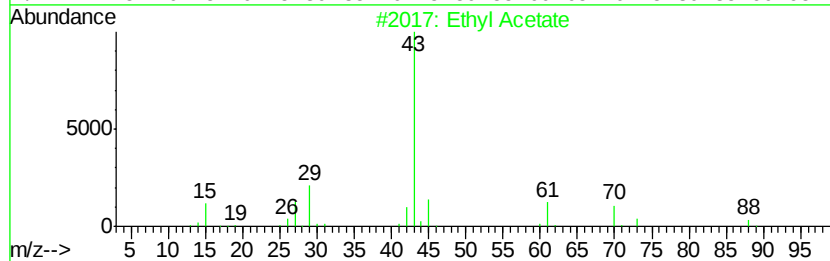
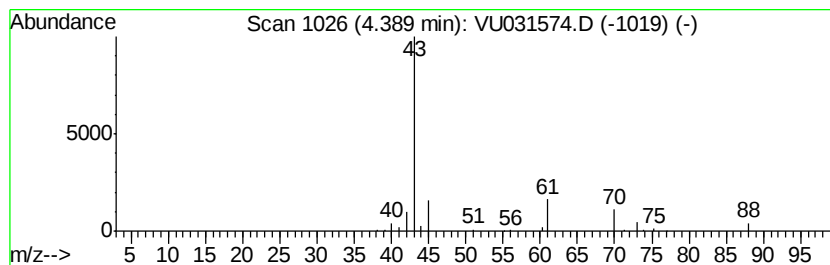
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.03 ug/L	108130	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	78
4		Ethyl Acetate	88	C4H8O2	000141-78-6	78
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40



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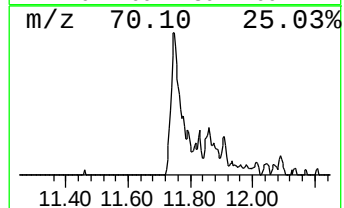
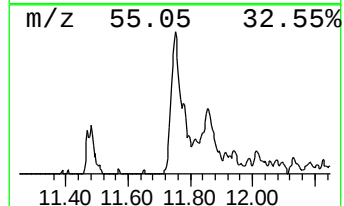
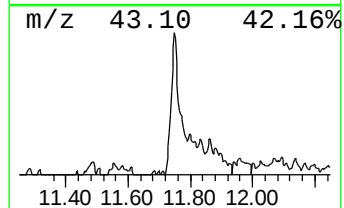
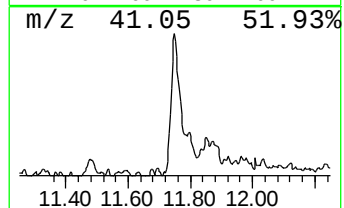
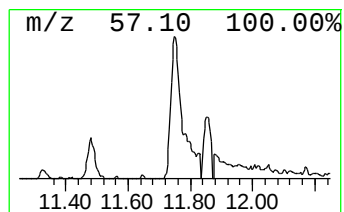
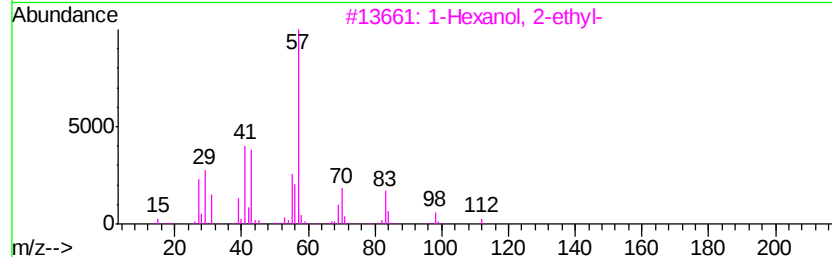
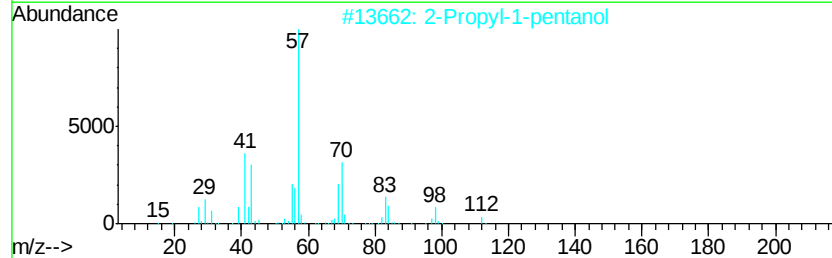
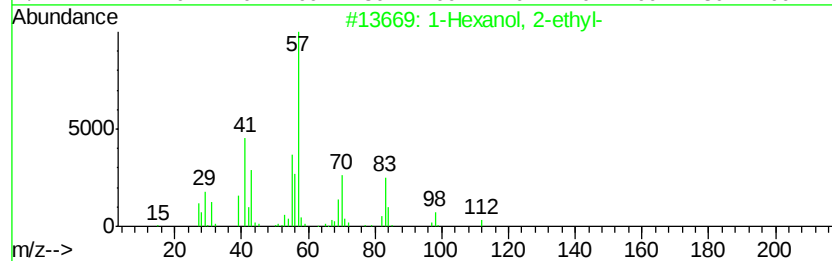
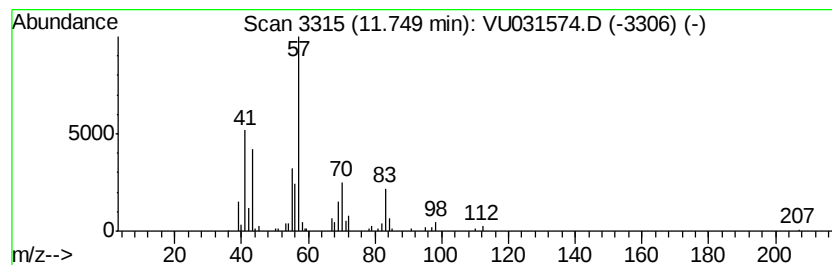
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Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.80 ug/L	99862	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	4.39	3.0	ug/L	108130	1	5.88	1784890	50.0
1-Hexanol, 2-ethyl-	11.75	2.8	ug/L	99862	3	11.48	1783080	50.0