

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048341.D
 Acq On : 28 Apr 2022 15:13
 Operator : SY/MD
 Sample : N2587-11DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET7DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M

Title : VOC Analysis

Signal : TIC: VU048341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.356	3	5	24	rVB	778569	709631	43.57%	5.273%
2	1.485	38	45	52	rBV3	7790	13496	0.83%	0.100%
3	1.601	73	81	98	rBV	174807	230559	14.16%	1.713%
4	1.893	164	172	190	rVB	128072	195614	12.01%	1.454%
5	2.562	368	380	398	rBV	322266	528538	32.45%	3.928%
6	2.675	411	415	425	rVB7	1828	2714	0.17%	0.020%
7	2.797	439	453	468	rVB3	3972	10460	0.64%	0.078%
8	2.912	486	489	492	rBV2	478	340	0.02%	0.003%
9	2.996	512	515	517	rBV	421	280	0.02%	0.002%
10	3.012	517	520	521	rVV	614	387	0.02%	0.003%
11	3.041	524	529	537	rVB3	1646	2870	0.18%	0.021%
12	3.138	544	559	563	rBV4	9220	18166	1.12%	0.135%
13	3.186	564	574	599	rVV	49708	135244	8.30%	1.005%
14	3.350	621	625	626	rBV	439	306	0.02%	0.002%
15	3.440	649	653	654	rBV	529	312	0.02%	0.002%
16	3.858	777	783	785	rBV2	472	484	0.03%	0.004%
17	3.993	818	825	832	rVV2	666	1081	0.07%	0.008%
18	4.215	891	894	899	rVB2	352	352	0.02%	0.003%
19	4.369	937	942	943	rBV	291	263	0.02%	0.002%
20	4.469	970	973	977	rBV2	304	298	0.02%	0.002%
21	4.572	999	1005	1007	rBV2	605	627	0.04%	0.005%
22	4.620	1007	1020	1067	rVV	184821	470790	28.91%	3.498%
23	5.063	1141	1158	1189	rVV	293230	634863	38.98%	4.718%
24	5.211	1201	1204	1209	rVB	407	248	0.02%	0.002%
25	5.285	1222	1227	1233	rBV4	656	838	0.05%	0.006%
26	5.314	1233	1236	1238	rBV2	368	274	0.02%	0.002%
27	5.379	1253	1256	1259	rBV3	365	342	0.02%	0.003%
28	5.478	1280	1287	1290	rBV2	253	243	0.01%	0.002%
29	5.723	1341	1363	1372	rBV2	598982	1628706	100.00%	12.103%
30	5.967	1433	1439	1442	rBV4	1137	1458	0.09%	0.011%
31	6.086	1472	1476	1479	rBV4	315	283	0.02%	0.002%
32	6.153	1495	1497	1505	rVB2	374	359	0.02%	0.003%
33	6.247	1510	1526	1546	rBV	379021	716628	44.00%	5.325%
34	6.478	1582	1598	1604	rBV6	3355	6524	0.40%	0.048%
35	6.690	1648	1664	1683	rBV	373465	730301	44.84%	5.427%
36	6.996	1746	1759	1765	rBV3	2015	3274	0.20%	0.024%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Title : VOC Analysis

37	7.038	1769	1772	1774	rBV2	401	345	0.02%	0.003%
38	7.173	1803	1814	1826	rVV5	3063	6708	0.41%	0.050%
39	7.488	1901	1912	1924	rBV4	20114	37139	2.28%	0.276%
40	7.565	1924	1936	1954	rVV	203001	353462	21.70%	2.627%
41	7.687	1969	1974	1984	rVB3	1090	1369	0.08%	0.010%
42	7.780	1999	2003	2004	rBV3	380	235	0.01%	0.002%
43	7.793	2004	2007	2013	rVB4	637	664	0.04%	0.005%
44	7.896	2024	2039	2054	rBV	756054	1300165	79.83%	9.661%
45	7.973	2055	2063	2080	rVB3	45691	98126	6.02%	0.729%
46	8.038	2080	2083	2085	rBV3	833	596	0.04%	0.004%
47	8.179	2114	2127	2143	rBV	144396	240257	14.75%	1.785%
48	8.305	2162	2166	2168	rBV2	599	500	0.03%	0.004%
49	8.356	2173	2182	2194	rBV4	12566	22023	1.35%	0.164%
50	8.536	2234	2238	2240	rBV2	285	253	0.02%	0.002%
51	8.575	2240	2250	2257	rBV2	14567	23678	1.45%	0.176%
52	8.636	2257	2269	2298	rVV	588915	1052254	64.61%	7.819%
53	8.867	2336	2341	2343	rBV3	338	262	0.02%	0.002%
54	9.015	2378	2387	2400	rVB3	8432	13714	0.84%	0.102%
55	9.160	2427	2432	2434	rBV4	535	395	0.02%	0.003%
56	9.231	2450	2454	2456	rBV2	346	254	0.02%	0.002%
57	9.353	2488	2492	2496	rVB	391	327	0.02%	0.002%
58	9.417	2498	2512	2516	rBV	572657	902644	55.42%	6.708%
59	9.632	2574	2579	2582	rBV5	730	667	0.04%	0.005%
60	9.645	2582	2583	2588	rVB2	600	318	0.02%	0.002%
61	9.694	2590	2598	2607	rBV2	4647	7474	0.46%	0.056%
62	9.864	2646	2651	2654	rVB3	279	241	0.01%	0.002%
63	9.931	2668	2672	2674	rBV3	393	298	0.02%	0.002%
64	10.070	2709	2715	2717	rBV2	246	270	0.02%	0.002%
65	10.102	2717	2725	2739	rVB4	4673	7707	0.47%	0.057%
66	10.182	2746	2750	2754	rVB2	370	274	0.02%	0.002%
67	10.211	2754	2759	2761	rBV3	296	245	0.02%	0.002%
68	10.295	2782	2785	2792	rVB3	366	419	0.03%	0.003%
69	10.327	2792	2795	2798	rBV3	333	256	0.02%	0.002%
70	10.484	2837	2844	2856	rVB3	704	1016	0.06%	0.008%
71	10.648	2887	2895	2909	rBV7	9911	16769	1.03%	0.125%
72	10.758	2916	2929	2953	rVB	637462	1039241	63.81%	7.723%
73	10.890	2966	2970	2971	rBV	965	724	0.04%	0.005%
74	10.973	2987	2996	3007	rBV7	5050	8666	0.53%	0.064%
75	11.089	3028	3032	3034	rBV	890	801	0.05%	0.006%
76	11.250	3078	3082	3088	rVB3	386	388	0.02%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Title : VOC Analysis

77	11.295	3089	3096	3100	rVB3	735	928	0.06%	0.007%
78	11.465	3139	3149	3159	rVB8	2965	4623	0.28%	0.034%
79	11.584	3178	3186	3195	rVV5	1590	2272	0.14%	0.017%
80	11.700	3218	3222	3226	rVV3	939	866	0.05%	0.006%
81	11.745	3230	3236	3245	rBV4	2419	3653	0.22%	0.027%
82	11.812	3245	3257	3271	rVV	580293	930985	57.16%	6.918%
83	11.880	3272	3278	3289	rVB7	9167	14978	0.92%	0.111%
84	12.028	3322	3324	3329	rVB	528	325	0.02%	0.002%
85	12.124	3352	3354	3360	rBV2	246	250	0.02%	0.002%
86	12.195	3360	3376	3393	rBV	764501	1257545	77.21%	9.345%
87	12.330	3416	3418	3422	rVB3	741	508	0.03%	0.004%
88	12.523	3475	3478	3484	rVB3	381	339	0.02%	0.003%
89	12.732	3540	3543	3547	rBV3	272	272	0.02%	0.002%
90	12.771	3548	3555	3566	rVV2	2436	3748	0.23%	0.028%
91	12.973	3610	3618	3632	rVB4	5791	9930	0.61%	0.074%
92	13.227	3693	3697	3701	rVB2	457	437	0.03%	0.003%
93	13.381	3738	3745	3753	rBV7	2769	3981	0.24%	0.030%
94	13.851	3885	3891	3893	rBV4	520	600	0.04%	0.004%
95	14.098	3965	3968	3972	rBV2	572	474	0.03%	0.004%
96	14.494	4082	4091	4102	rBV6	12390	19633	1.21%	0.146%
97	14.549	4106	4108	4111	rBV	411	264	0.02%	0.002%
98	14.645	4136	4138	4142	rVB3	433	237	0.01%	0.002%
99	14.931	4225	4227	4235	rVB4	577	591	0.04%	0.004%
100	15.545	4411	4418	4427	rBV7	7757	11481	0.70%	0.085%

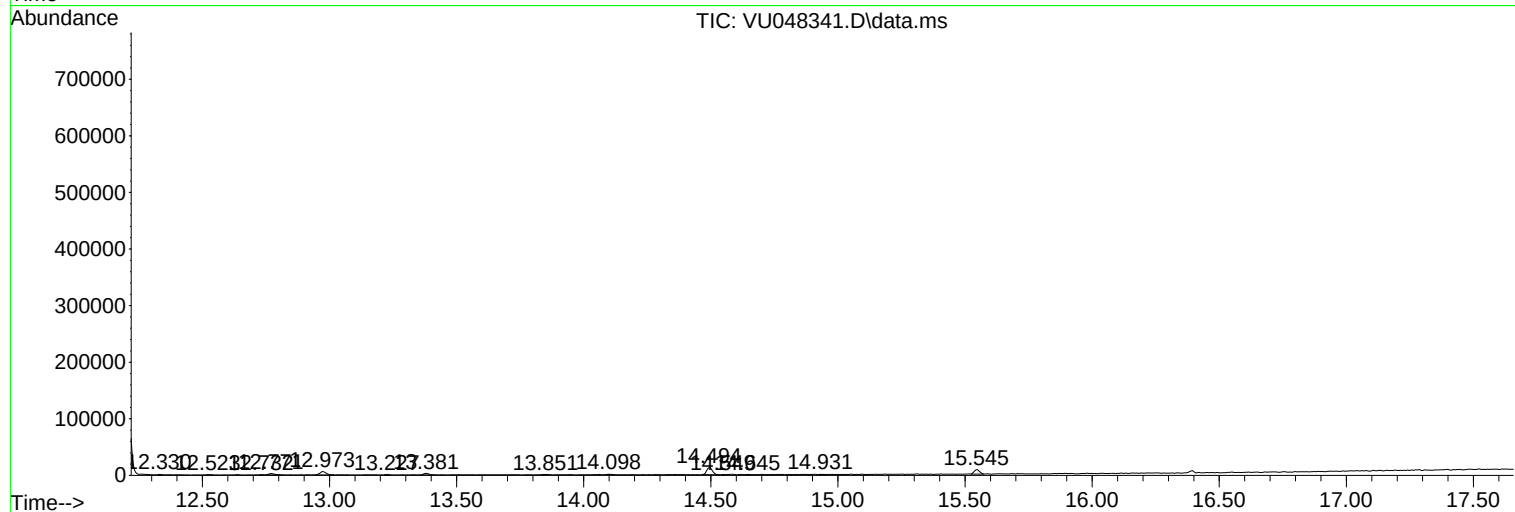
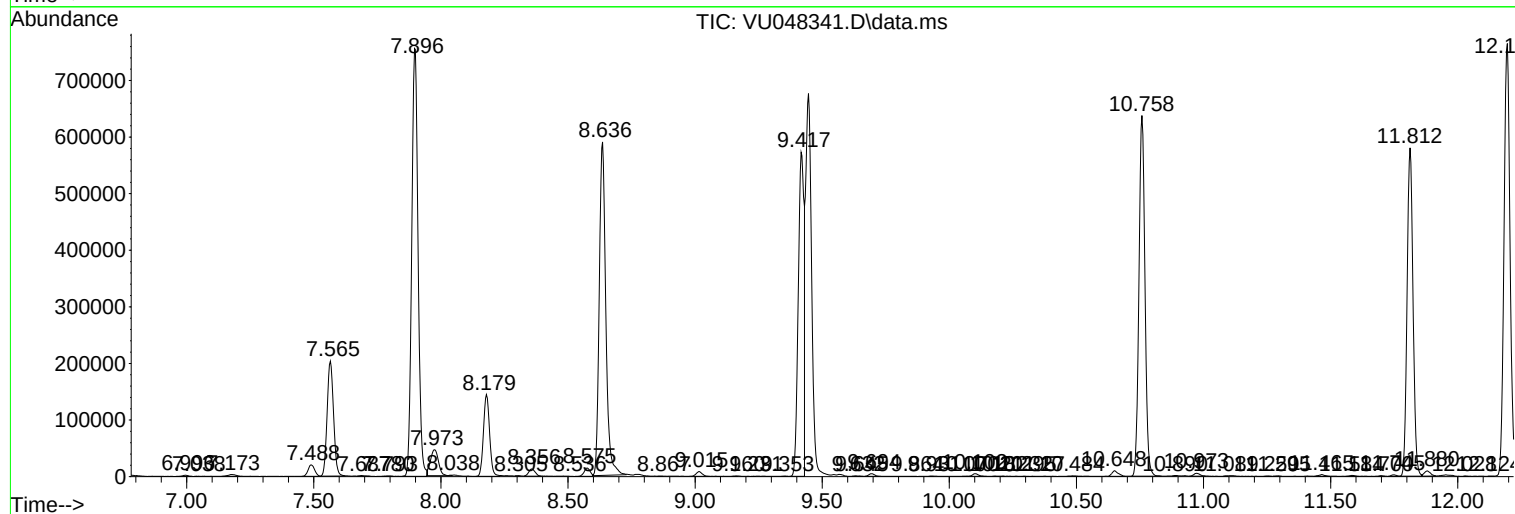
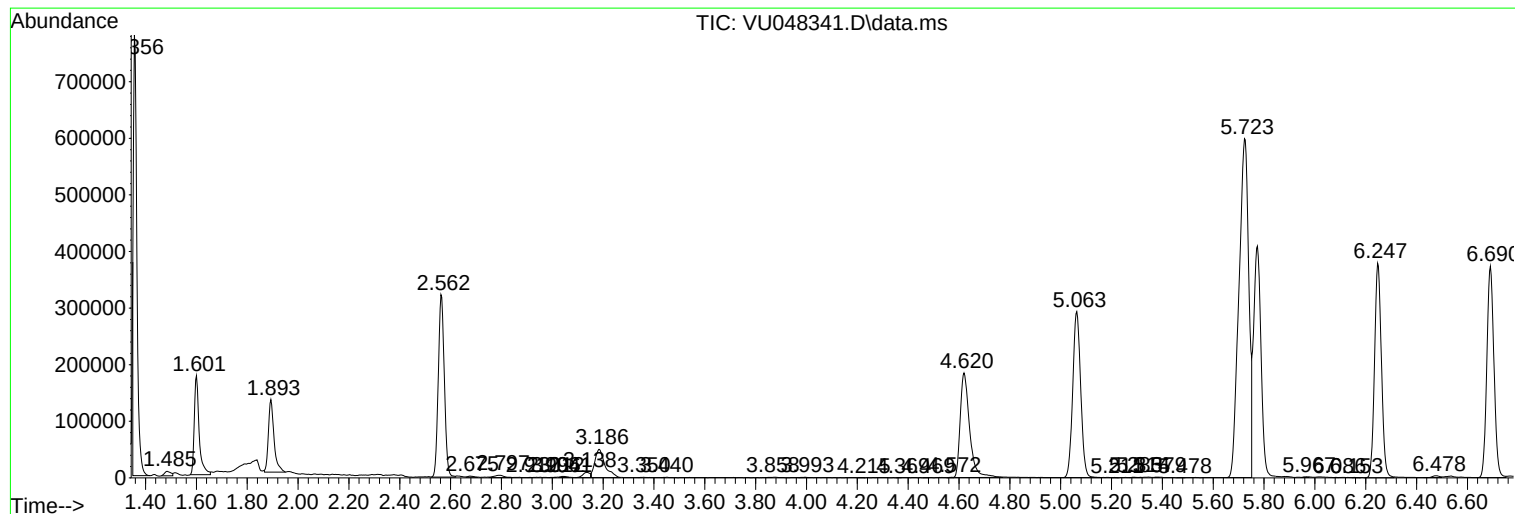
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Instrument :
MSVOA_U
ClientSampleId :
EXET7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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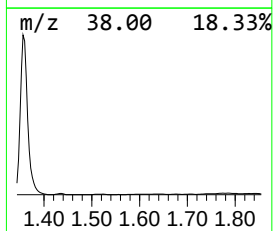
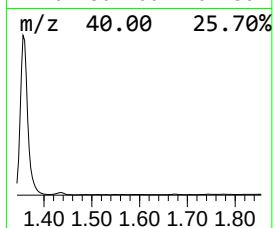
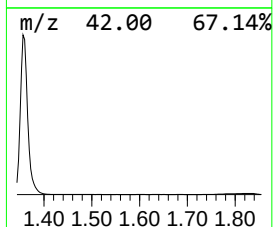
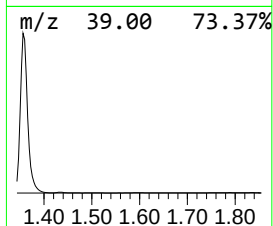
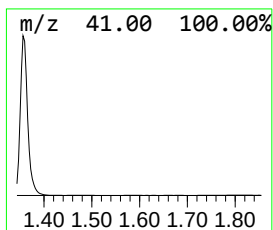
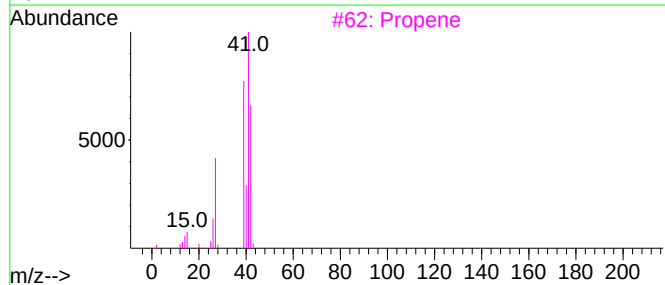
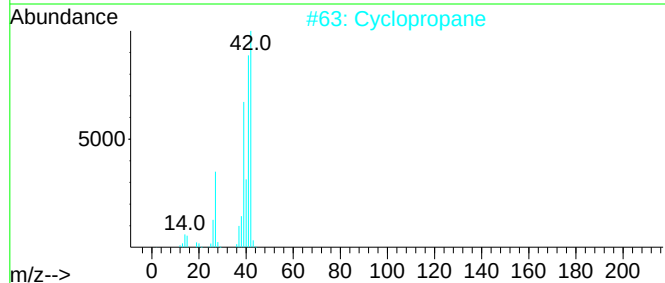
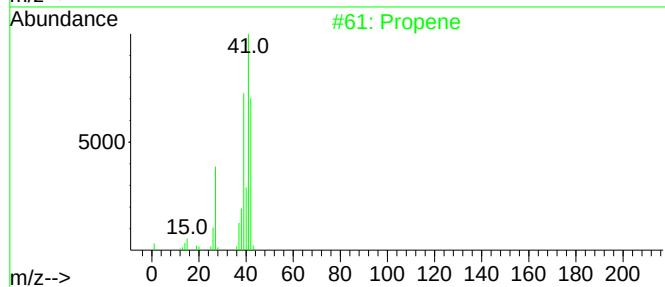
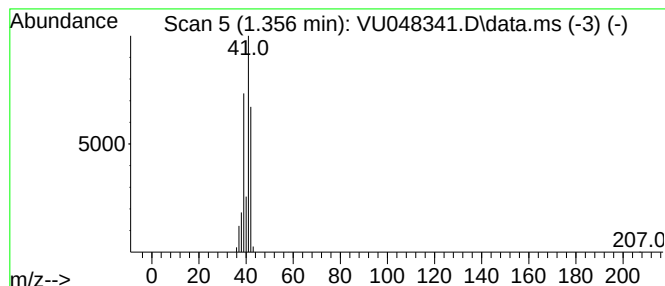
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.356	49.51 ug/L	709631	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Cyclopropane	42	C3H6	000075-19-4	83
3			Propene	42	C3H6	000115-07-1	72
4			Cyclopropane	42	C3H6	000075-19-4	14
5			Cyclopropane	42	C3H6	000075-19-4	5



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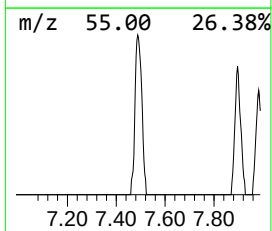
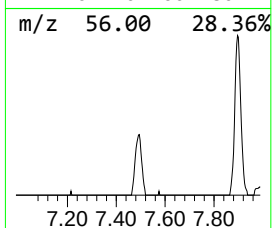
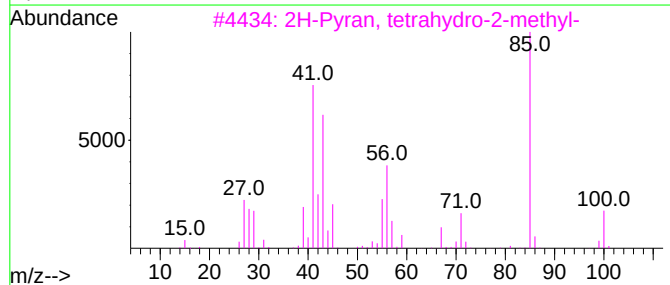
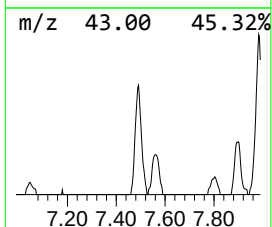
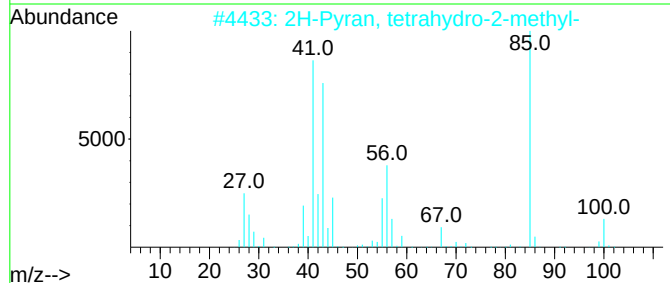
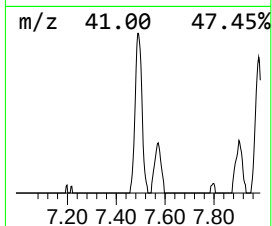
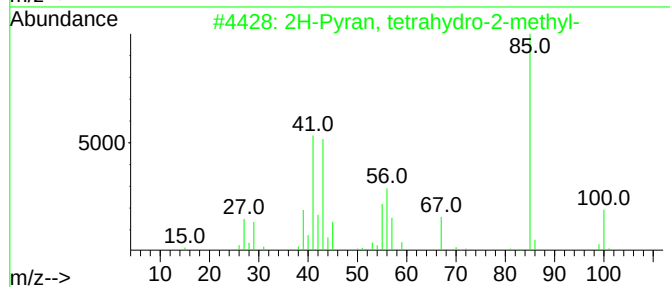
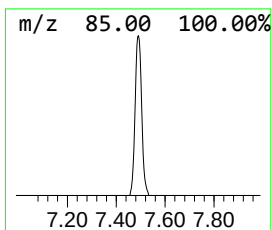
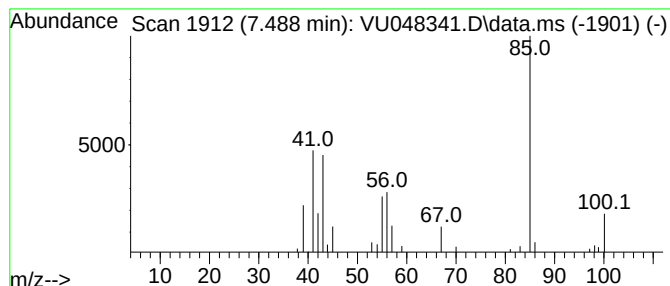
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.488	2.59 ug/L	37139	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	91
2	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	87
4	Furan, tetrahydro-2,4-dimethyl-,...			100	C6H12O	039168-01-9	64
5	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	58



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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.356	49.5	ug/L	709631	1	6.247	716628	50.0
2H-Pyran, tetra...	7.488	2.6	ug/L	37139	1	6.247	716628	50.0