LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032952.D
Acq On : 21 Jun 2019 18:19
Operator : JC/SP
Sample : K3464-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF63

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\SOMULM061719WMA.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	1.395	87	95	104	rBV	89316	88823	12.33%	1.393%
2	1.469	110	118	135	rBV	418124	461122	64.00%	7.233%
3	1.675	174	182	196	rVB	72369	90745	12.59%	1.423%
4	2.010	279	286	299	rVB	9369	13948	1.94%	0.219%
5	2.264	355	365	376	rBV	146178	222224	30.84%	3.486%
6	2.318	376	382	395	rVB2	9698	15732	2.18%	0.247%
7	2.440	408	420	442	rBV	30384	56085	7.78%	0.880%
8	2.685	493	496	498	rVV2	382	198	0.03%	0.003%
9	2.730	507	510	515	rVB2	252	218	0.03%	0.003%
10	2.823	532	539	549	rBV6	1235	2003	0.28%	0.031%
11	2.913	564	567	570	rBV3	353	256	0.04%	0.004%
12	2.971	580	585	587	rVB2	247	208	0.03%	0.003%
13	3.016	596	599	606	rVB4	346	339	0.05%	0.005%
14	3.180	638	650	669	rBV2	18323	40789	5.66%	0.640%
15	3.289	681	684	688	rVB3	395	254	0.04%	0.004%
16	3.312	688	691	694	rBV2	476	378	0.05%	0.006%
17	3.421	722	725	727	rBV2	343	216	0.03%	0.003%
18	3.450	731	734	737	rVB4	406	265	0.04%	0.004%
19	3.588	773	777	779	rVV2	342	223	0.03%	0.003%
20	3.617	779	786	795	rVV5	899	1770	0.25%	0.028%
21	3.685	803	807	811	rVB2	334	348	0.05%	0.005%
22	3.778	833	836	838	rBV	308	249	0.03%	0.004%
23	3.817	845	848	851	rBV3	360	212	0.03%	0.003%
24	3.939	883	886	892	rBV2	297	259	0.04%	0.004%
25	4.170	946	958	984	rBV	71575	188672	26.19%	2.959%
26	4.366	1017	1019	1023	rVB4	329	200	0.03%	0.003%
27	4.418	1032	1035	1040	rVB3	642	541	0.08%	0.008%
28	4.492	1055	1058	1063	rVB	330	223	0.03%	0.003%
29	4.640	1085	1104	1125	rBV	126633	296516	41.15%	4.651%
30	4.884	1178	1180	1187	rVB3	542	395	0.05%	0.006%
31	4.987	1209	1212	1220	rBV3	379	379	0.05%	0.006%
32	5.035	1222	1227	1232	rBV2	417	426	0.06%	0.007%
33	5.154	1261	1264	1268	rBV3	330	387	0.05%	0.006%
34	5.209	1278	1281	1286	rBV2	333	208	0.03%	0.003%

LSC Area Percent Report

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Sample : K3464-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF63

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\SOMULM061719WMA.M
Title : VOC Analysis

35	5.334	1296	1320	1347	rBV2	239079	720512	100.00%	11.302%
36	5.791	1451	1462	1475	rVV5	2174	4981	0.69%	0.078%
37	5.881	1475	1490	1519	rVV	235671	461360	64.03%	7.237%
38	6.128	1562	1567	1571	rVB3	287	280	0.04%	0.004%
39	6.170	1571	1580	1581	rBV5	2724	3249	0.45%	0.051%
40	6.247	1599	1604	1609	rVB3	461	440	0.06%	0.007%
41	6.324	1612	1628	1658	rVV	166547	335180	46.52%	5.258%
42	6.530	1689	1692	1696	rBV3	357	230	0.03%	0.004%
43	6.572	1701	1705	1709	rVB3	212	209	0.03%	0.003%
44	6.595	1709	1712	1715	rBV2	422	358	0.05%	0.006%
45	6.823	1772	1783	1791	rBV3	2841	4831	0.67%	0.076%
46	6.939	1816	1819	1825	rVB2	322	305	0.04%	0.005%
47	7.096	1863	1868	1873	rVB3	297	336	0.05%	0.005%
48	7.167	1887	1890	1895	rBV3	418	377	0.05%	0.006%
49	7.222	1896	1907	1930	rBV	94969	169875	23.58%	2.665%
50	7.386	1946	1958	1972	rVB2	16549	30365	4.21%	0.476%
51	7.466	1977	1983	1987	rVB5	487	540	0.07%	0.008%
52	7.559	1999	2012	2033	rBV	315495	546978	75.92%	8.580%
53	7.781	2078	2081	2085	rVB3	357	290	0.04%	0.005%
54	7.845	2088	2101	2124	rBV	66452	117357	16.29%	1.841%
55	8.173	2193	2203	2215	rVV2	3330	5801	0.81%	0.091%
56	8.218	2215	2217	2222	rVB	383	288	0.04%	0.005%
57	8.305	2233	2244	2278	rBV	212522	390244	54.16%	6.121%
58	8.463	2288	2293	2294	rBV4	414	422	0.06%	0.007%
59	8.485	2298	2300	2304	rVB2	432	251	0.03%	0.004%
60	8.524	2309	2312	2314	rBV	394	218	0.03%	0.003%
61	8.562	2321	2324	2327	rBV3	295	222	0.03%	0.003%
62	8.620	2339	2342	2345	rVB	303	199	0.03%	0.003%
63	8.646	2345	2350	2352	rBV	425	358	0.05%	0.006%
64	8.665	2352	2356	2359	rVV2	422	274	0.04%	0.004%
65	8.691	2359	2364	2368	rVV3	289	337	0.05%	0.005%
66	8.813	2391	2402	2404	rBV3	460	595	0.08%	0.009%
67	8.855	2411	2415	2420	rVB3	281	232	0.03%	0.004%
68	8.913	2427	2433	2436	rVB2	347	341	0.05%	0.005%
69	9.012	2462	2464	2466	rBV2	489	298	0.04%	0.005%
70	9.083	2473	2486	2518	rBV	355897	592315	82.21%	9.291%
71	9.241	2532	2535	2537	rBV2	460	290	0.04%	0.005%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF63

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.360	2564	2572	2589	rVB4	4442	7854	1.09%	0.123%
73	9.639	2653	2659	2663	rVB3	415	442	0.06%	0.007%
74	9.672	2663	2669	2672	rBV2	430	334	0.05%	0.005%
75	9.697	2672	2677	2680	rBV3	294	249	0.03%	0.004%
76	9.729	2682	2687	2689	rBV2	398	357	0.05%	0.006%
77	9.778	2699	2702	2707	rVB3	336	296	0.04%	0.005%
78	9.938	2749	2752	2756	rBV2	323	258	0.04%	0.004%
79	10.009	2770	2774	2776	rBV	238	211	0.03%	0.003%
80	10.160	2818	2821	2826	rVV3	341	332	0.05%	0.005%
81	10.311	2862	2868	2875	rVV2	304	440	0.06%	0.007%
82	10.350	2876	2880	2886	rVB2	304	344	0.05%	0.005%
83	10.427	2892	2904	2922	rBV	245365	396314	55.00%	6.217%
84	10.549	2939	2942	2944	rBV	288	220	0.03%	0.003%
85	10.610	2950	2961	2971	rVB4	4217	7812	1.08%	0.123%
86	10.713	2989	2993	2995	rBV3	262	241	0.03%	0.004%
87	10.958	3066	3069	3074	rVV3	254	214	0.03%	0.003%
88	10.996	3078	3081	3086	rVB2	227	220	0.03%	0.003%
89	11.096	3108	3112	3115	rBV	285	279	0.04%	0.004%
90	11.212	3145	3148	3152	rBV2	400	346	0.05%	0.005%
91	11.479	3219	3231	3256	rBV	343389	552621	76.70%	8.668%
92	11.565	3256	3258	3261	rVB5	751	438	0.06%	0.007%
93	11.726	3305	3308	3311	rVB4	388	281	0.04%	0.004%
94	11.749	3311	3315	3316	rBV2	311	242	0.03%	0.004%
95	11.855	3335	3348	3367	rBV	315888	527605	73.23%	8.276%
96	12.302	3484	3487	3490	rBV3	368	253	0.04%	0.004%
97	12.443	3526	3531	3533	rBV2	284	277	0.04%	0.004%
98	12.479	3537	3542	3544	rBV3	377	384	0.05%	0.006%
99	12.967	3691	3694	3697	rBV2	444	337	0.05%	0.005%
100	13.848	3963	3968	3971	rBV3	381	393	0.05%	0.006%

Sum of corrected areas: 6375143

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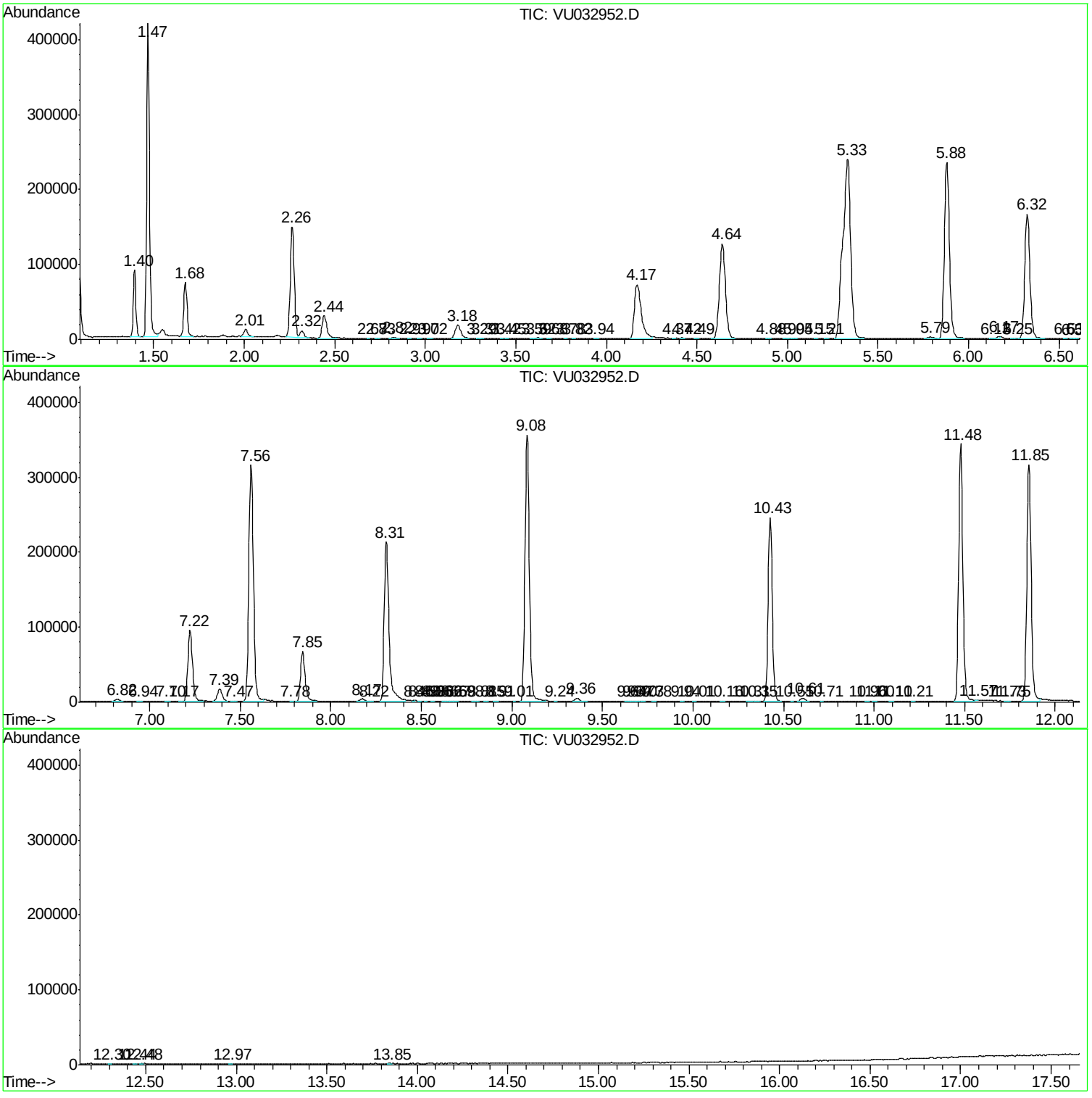
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
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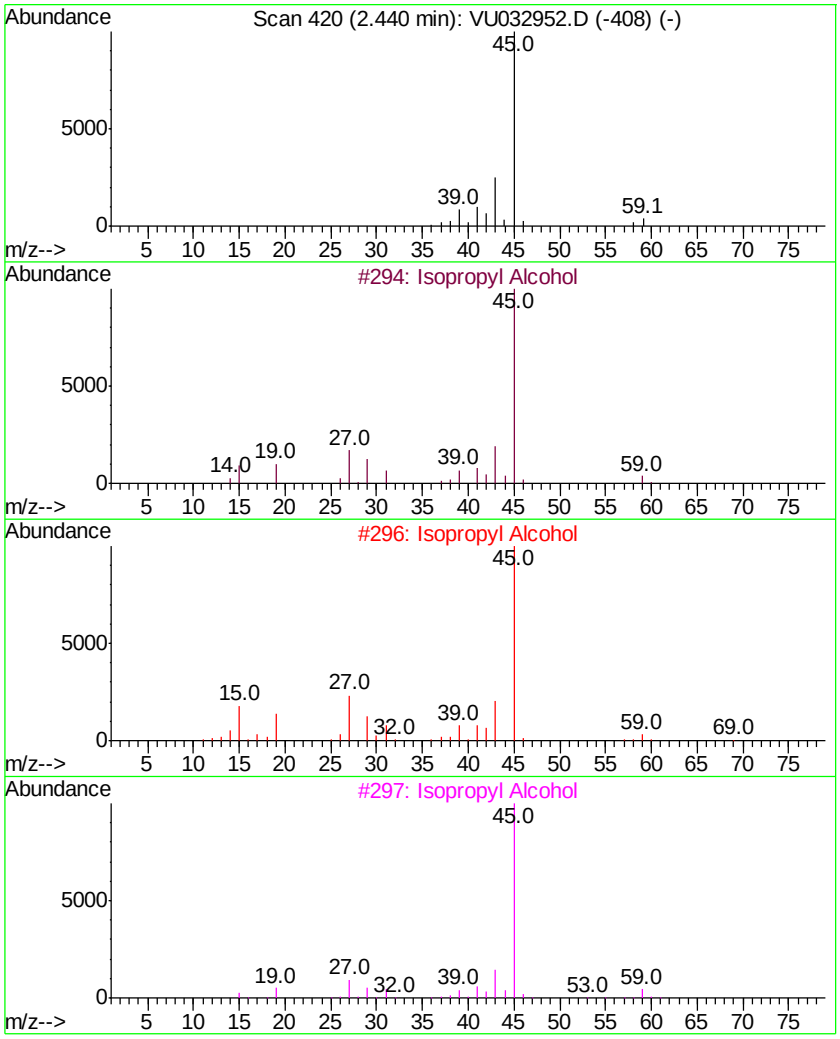
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

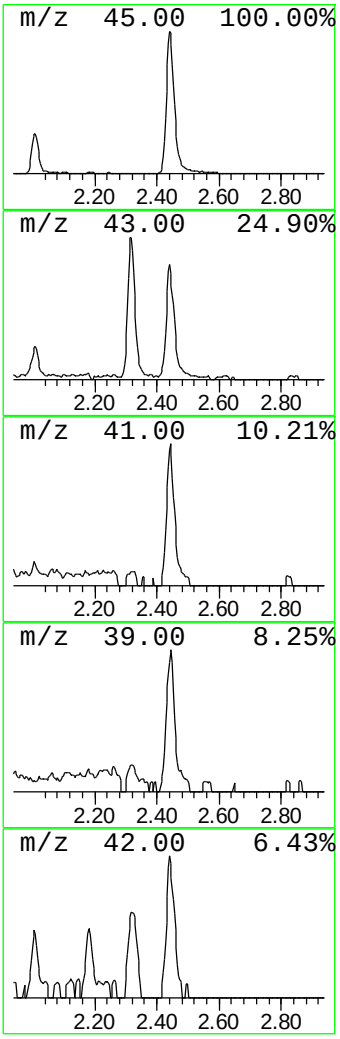
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.08 ug/L	56085	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Library Search Compound Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

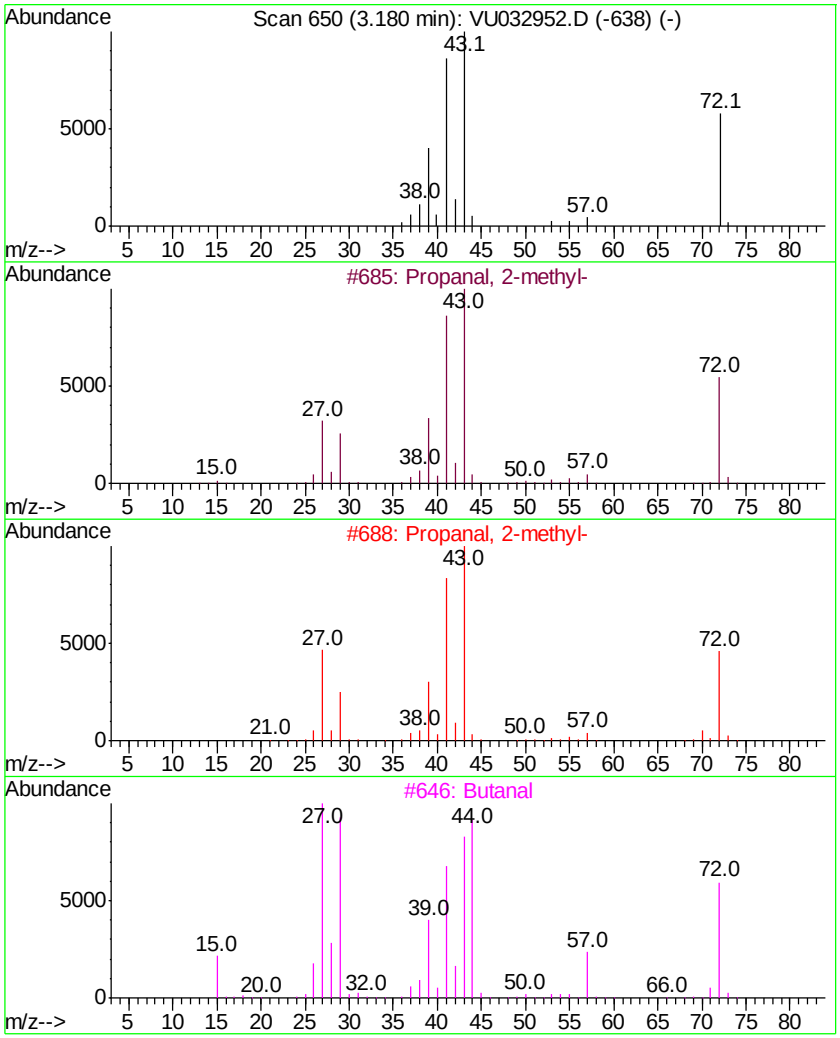
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

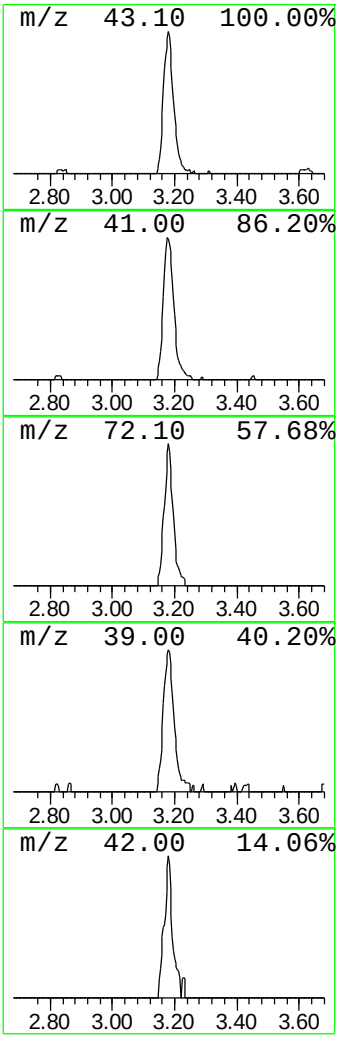
****

Peak Number 3 Propanal, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	4.42 ug/L	40789	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
3	Butanal	72	C4H8O	000123-72-8	64
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	40





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ClientSampleId : ETF63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

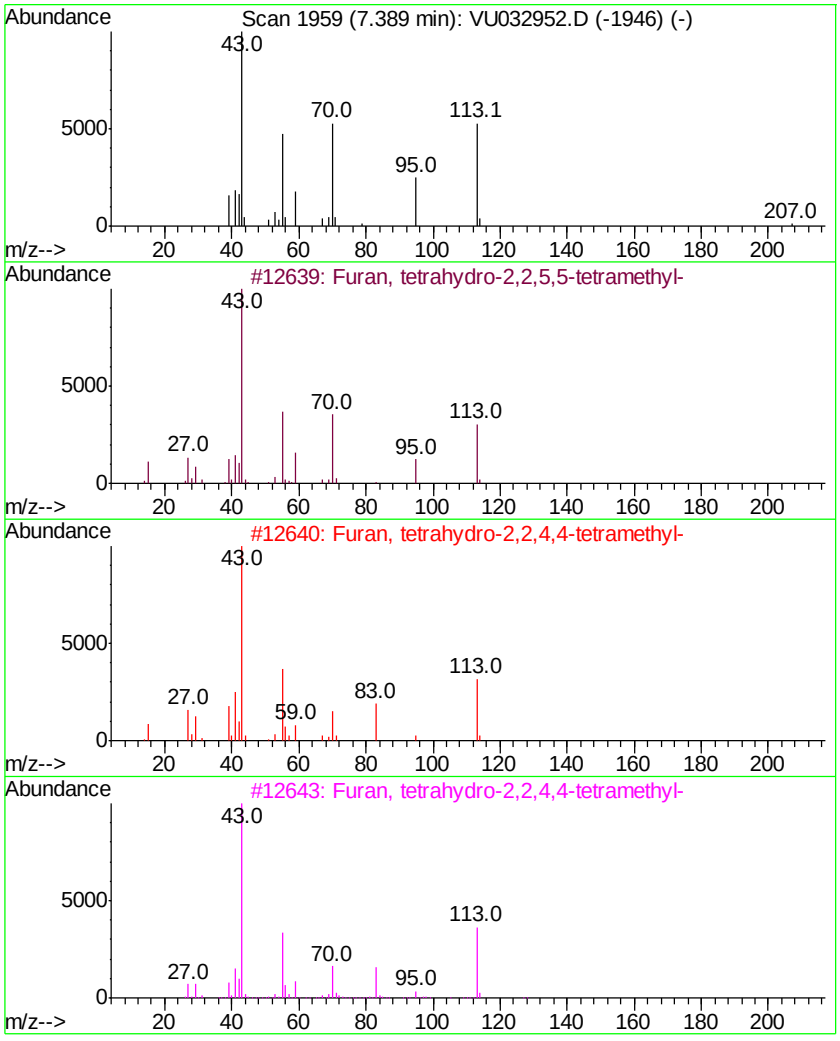
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

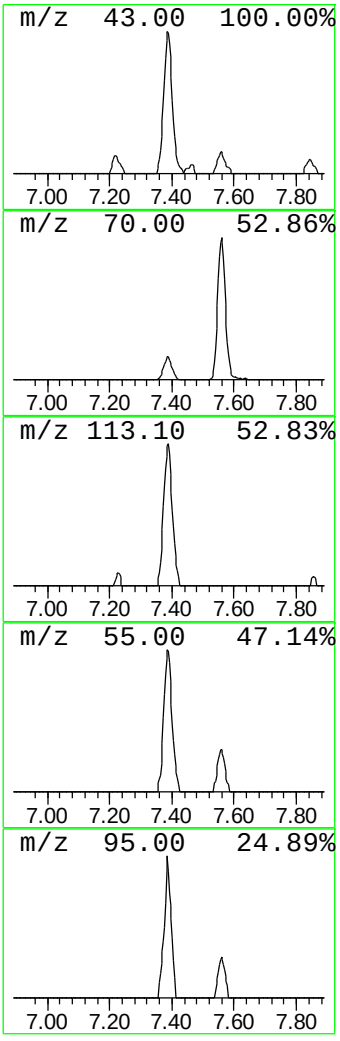
****

Peak Number 5 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	3.29 ug/L	30365	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	78
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	59
3	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	59
4	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	53
5	Ethosuximide	141	C7H11NO2	000077-67-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.44	6.1	ug/L	56085	1	5.88	461360	50.0
Propanal, 2-methyl-	3.18	4.4	ug/L	40789	1	5.88	461360	50.0
Furan, tetrahydro...	7.39	3.3	ug/L	30365	1	5.88	461360	50.0