LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DF7

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\SOMULM022420WMA.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	1.491	37	47	56	rBV	60441	139902	0.12%	0.037%
2	1.610	79	84	92	rVB	133262	138325	0.12%	0.037%
3	1.919	173	180	202	rVB	122000	174352	0.16%	0.046%
4	2.588	375	388	403	rBV2	214636	383241	0.34%	0.101%
5	2.710	416	426	440	rVB	48538	80530	0.07%	0.021%
6	2.793	440	452	471	rBV2	54907	111953	0.10%	0.030%
7	3.163	559	567	576	rBV4	2508	5130	0.00%	0.001%
8	3.221	576	585	598	rVB2	5613	11811	0.01%	0.003%
9	3.395	636	639	641	rBV	441	301	0.00%	0.000%
10	3.427	646	649	653	rVB2	378	258	0.00%	0.000%
11	3.600	699	703	710	rBV3	261	314	0.00%	0.000%
12	3.787	757	761	766	rVV2	237	287	0.00%	0.000%
13	3.912	792	800	805	rVV	535	845	0.00%	0.000%
14	4.038	834	839	842	rBV	253	322	0.00%	0.000%
15	4.256	903	907	910	rVV	246	220	0.00%	0.000%
16	4.401	948	952	955	rBV	226	224	0.00%	0.000%
17	4.568	991	1004	1018	rVB3	11658	26128	0.02%	0.007%
18	4.668	1020	1035	1063	rBV	100422	238022	0.21%	0.063%
19	4.851	1078	1092	1107	rBV3	15819	34318	0.03%	0.009%
20	5.105	1152	1171	1198	rBV3	201851	565358	0.50%	0.149%
21	5.247	1213	1215	1219	rVB2	382	283	0.00%	0.000%
22	5.317	1234	1237	1239	rBV	345	240	0.00%	0.000%
23	5.340	1239	1244	1245	rBV	993	845	0.00%	0.000%
24	5.424	1259	1270	1284	rVB5	7202	15244	0.01%	0.004%
25	5.549	1304	1309	1316	rVB2	272	367	0.00%	0.000%
26	5.591	1316	1322	1325	rBV	232	290	0.00%	0.000%
27	5.816	1353	1392	1424	rBV2	24304505	49546420	44.12%	13.101%
28	6.282	1524	1537	1553	rVB	331765	623390	0.56%	0.165%
29	6.456	1588	1591	1594	rVB2	290	261	0.00%	0.000%
30	6.571	1612	1627	1639	rBV3	21171	39568	0.04%	0.010%
31	6.661	1650	1655	1660	rBV2	280	378	0.00%	0.000%
32	6.723	1660	1674	1690	rBV	244465	468201	0.42%	0.124%
33	6.829	1704	1707	1710	rBV3	493	396	0.00%	0.000%
34	6.887	1722	1725	1730	rVV	336	283	0.00%	0.000%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DF7

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\SOMULM022420WMA.M
Title : VOC Analysis

35	6.938	1736	1741	1747	rBB2	206	247	0.00%	0.000%
36	7.002	1747	1761	1770	rBV4	2100	3646	0.00%	0.001%
37	7.099	1786	1791	1796	rVB2	248	296	0.00%	0.000%
38	7.144	1802	1805	1807	rBV	304	231	0.00%	0.000%
39	7.211	1816	1826	1836	rVB5	2715	4514	0.00%	0.001%
40	7.353	1865	1870	1877	rBV2	220	317	0.00%	0.000%
41	7.443	1887	1898	1909	rVB5	919	1591	0.00%	0.000%
42	7.594	1928	1945	1960	rBV	123875	217171	0.19%	0.057%
43	7.710	1973	1981	1990	rVB3	2293	3315	0.00%	0.001%
44	7.748	1990	1993	2000	rVB3	594	614	0.00%	0.000%
45	7.922	2033	2047	2063	rBV	487200	829791	0.74%	0.219%
46	7.993	2063	2069	2079	rVB	5945	8900	0.01%	0.002%
47	8.205	2121	2135	2150	rBV	89796	148105	0.13%	0.039%
48	8.321	2168	2171	2176	rVB2	277	222	0.00%	0.000%
49	8.488	2216	2223	2224	rBV3	1242	1140	0.00%	0.000%
50	8.575	2241	2250	2259	rVB	10432	16528	0.01%	0.004%
51	8.661	2260	2277	2302	rBV	309365	531712	0.47%	0.141%
52	8.912	2350	2355	2363	rBV2	246	384	0.00%	0.000%
53	9.166	2428	2434	2436	rBV2	270	303	0.00%	0.000%
54	9.484	2506	2533	2574	rBV3	59711661	112306230	100.00%	29.696%
55	9.671	2588	2591	2594	rVB4	417	274	0.00%	0.000%
56	9.697	2596	2599	2600	rBV	502	303	0.00%	0.000%
57	9.767	2618	2621	2623	rBV2	422	270	0.00%	0.000%
58	9.784	2623	2626	2628	rVV2	448	289	0.00%	0.000%
59	9.899	2660	2662	2665	rVB2	444	251	0.00%	0.000%
60	9.983	2686	2688	2693	rVB3	409	335	0.00%	0.000%
61	10.018	2693	2699	2700	rBV	694	519	0.00%	0.000%
62	10.031	2700	2703	2711	rVB3	883	867	0.00%	0.000%
63	10.089	2716	2721	2723	rBV2	237	245	0.00%	0.000%
64	10.115	2726	2729	2731	rBV	644	376	0.00%	0.000%
65	10.156	2738	2742	2745	rVB2	376	247	0.00%	0.000%
66	10.365	2803	2807	2813	rVB	344	333	0.00%	0.000%
67	10.449	2830	2833	2838	rBV2	253	222	0.00%	0.000%
68	10.497	2844	2848	2850	rBV2	355	219	0.00%	0.000%
69	10.671	2896	2902	2906	rBV2	294	300	0.00%	0.000%
70	10.774	2921	2934	2957	rVB2	332435	637836	0.57%	0.169%
71	10.902	2966	2974	2980	rBV3	677	959	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DF7

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\SOMULM022420WMA.M
Title : VOC Analysis

72	11.002	2995	3005	3018	rBV2	20363	31497	0.03%	0.008%
73	11.060	3018	3023	3027	rVV3	464	447	0.00%	0.000%
74	11.115	3029	3040	3050	rVB2	10687	15883	0.01%	0.004%
75	11.240	3072	3079	3082	rBV	292	350	0.00%	0.000%
76	11.401	3124	3129	3132	rBV	244	290	0.00%	0.000%
77	11.481	3150	3154	3156	rBV	482	357	0.00%	0.000%
78	11.645	3201	3205	3208	rBV	241	249	0.00%	0.000%
79	11.764	3227	3242	3255	rBV	10393903	16286045	14.50%	4.306%
80	11.867	3255	3274	3293	rVB2	53426083	88438648	78.75%	23.385%
81	12.246	3368	3392	3407	rBV2	55866856	98748409	87.93%	26.111%
82	12.706	3529	3535	3544	rVB7	1529	2295	0.00%	0.001%
83	12.751	3546	3549	3551	rBV3	313	230	0.00%	0.000%
84	12.787	3556	3560	3561	rBV3	563	371	0.00%	0.000%
85	12.986	3613	3622	3633	rBV3	22415	34979	0.03%	0.009%
86	13.163	3670	3677	3679	rBV3	2133	2351	0.00%	0.001%
87	13.230	3688	3698	3713	rVB2	35818	61982	0.06%	0.016%
88	13.352	3727	3736	3745	rVB3	14528	22101	0.02%	0.006%
89	13.491	3776	3779	3785	rBV3	347	307	0.00%	0.000%
90	13.664	3828	3833	3836	rBV2	337	364	0.00%	0.000%
91	13.870	3883	3897	3921	rBV	3321818	5209043	4.64%	1.377%
92	13.989	3932	3934	3937	rBV2	362	232	0.00%	0.000%
93	14.115	3965	3973	3984	rVB2	5244	7566	0.01%	0.002%
94	14.362	4036	4050	4068	rBV	1234432	1989619	1.77%	0.526%
95	14.571	4112	4115	4120	rBV4	467	430	0.00%	0.000%
96	14.764	4170	4175	4183	rVB4	1670	2251	0.00%	0.001%
97	14.825	4191	4194	4196	rBV2	450	383	0.00%	0.000%
98	15.163	4296	4299	4301	rBV	398	285	0.00%	0.000%
99	16.047	4567	4574	4581	rVB6	5167	6590	0.01%	0.002%
100	16.552	4729	4731	4734	rBV3	824	585	0.00%	0.000%

Sum of corrected areas: 378191248

LSC Report - Integrated Chromatogram

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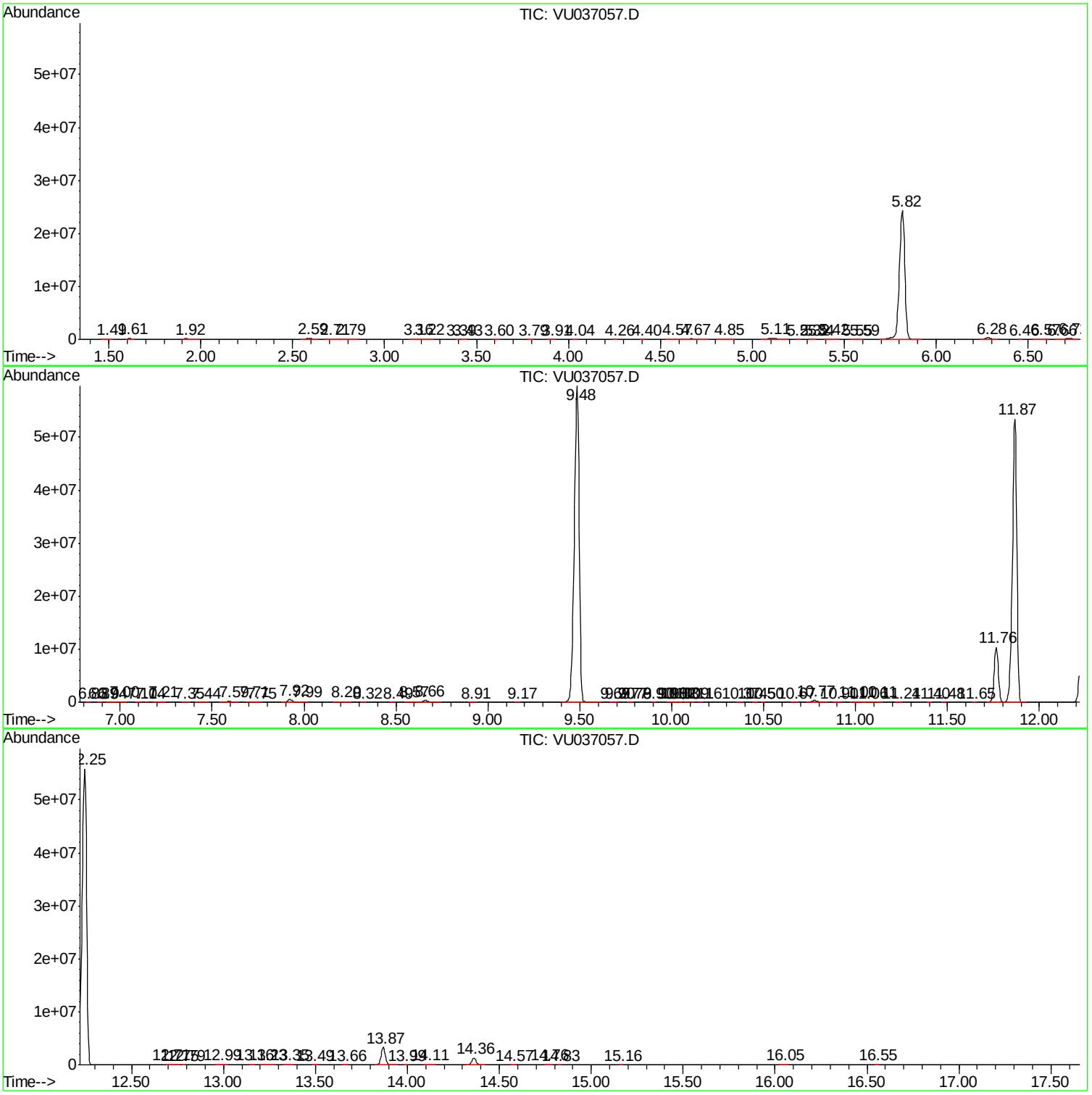
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DF7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.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\VU030420\
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
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Instrument : MSVOA_U
ClientSampleId : C0DF7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

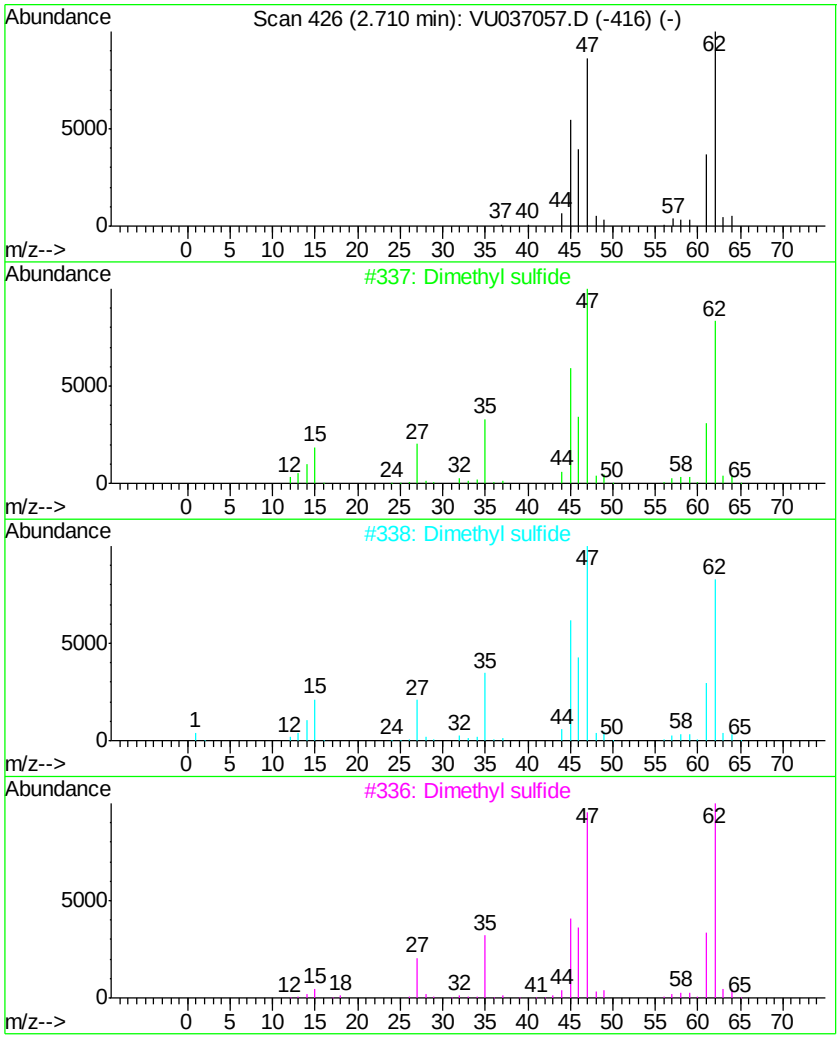
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

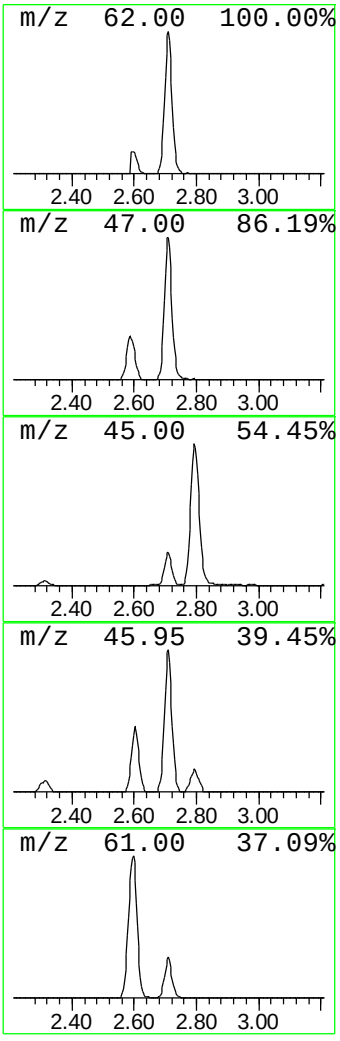
****

Peak Number 1 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	6.46 ug/L	80530	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	94
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90





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Instrument : MSVOA_U
ClientSampleId : C0DF7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

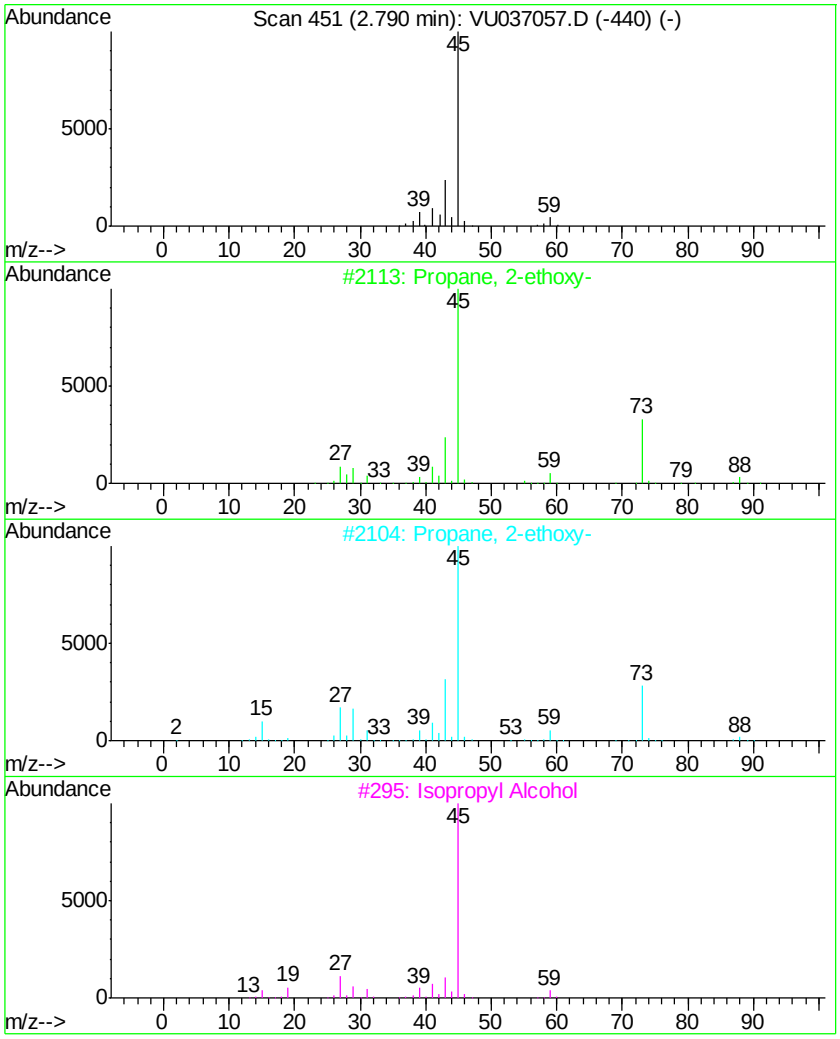
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

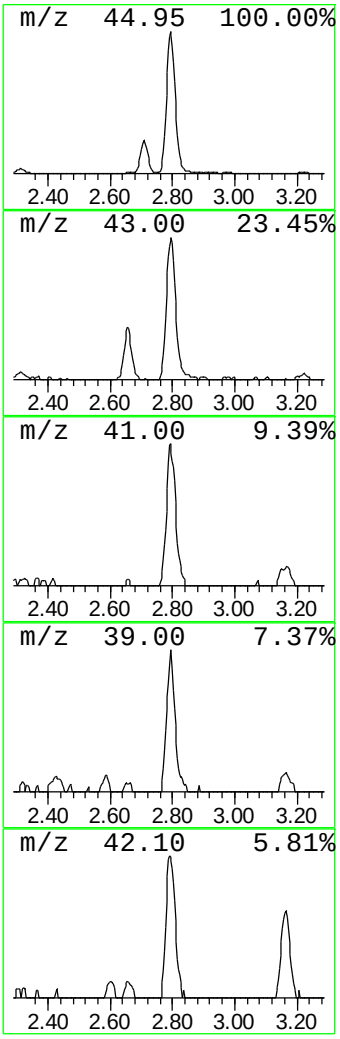
****

Peak Number 2 Propane, 2-ethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	8.98 ug/L	111953	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56





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ClientSampleId : C0DF7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

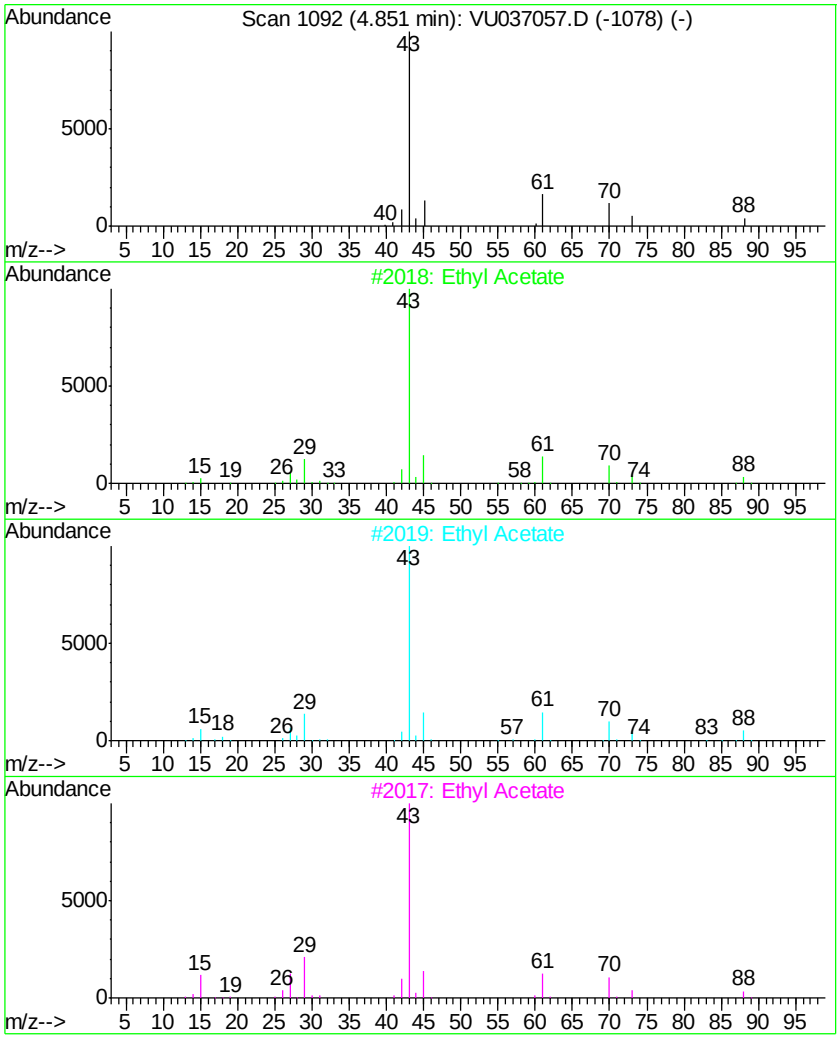
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

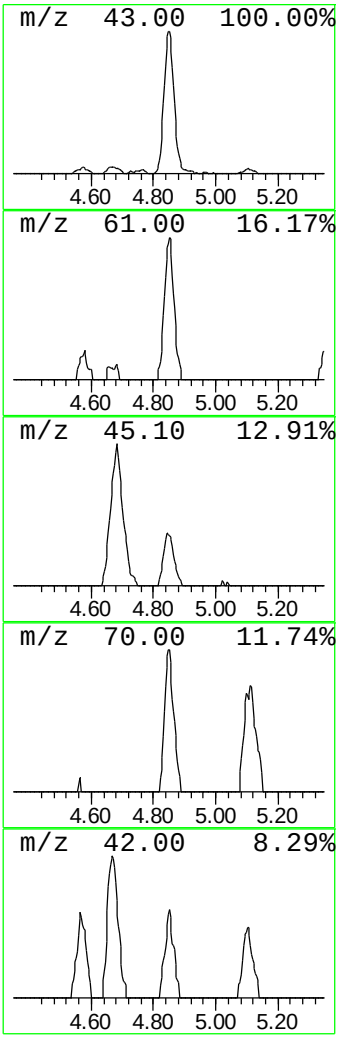
****

Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.75 ug/L	34318	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.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
Dimethyl sulfide	2.71	6.5	ug/L	80530	1	6.28	623390	50.0
Propane, 2-ethoxy-	2.79	9.0	ug/L	111953	1	6.28	623390	50.0
Ethyl Acetate	4.85	2.8	ug/L	34318	1	6.28	623390	50.0