LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

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\SOMULM042320WMA.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	1.372	4	10	18	rBV3	39653	41591	0.10%	0.036%
2	1.491	39	47	58	rBV	29401	62316	0.14%	0.054%
3	1.617	76	86	99	rBV	7767160	8402966	19.38%	7.224%
4	1.745	120	126	134	rVB	82355	88445	0.20%	0.076%
5	1.932	175	184	186	rBV	273093	316571	0.73%	0.272%
6	2.186	258	263	272	rVB2	19574	24176	0.06%	0.021%
7	2.263	279	287	298	rVB	164756	246015	0.57%	0.212%
8	2.600	376	392	403	rBV4	1065633	2057123	4.74%	1.769%
9	2.655	403	409	417	rVV	83218	133470	0.31%	0.115%
10	2.713	417	427	441	rVB	290318	494421	1.14%	0.425%
11	2.832	457	464	478	rVV	10960	24530	0.06%	0.021%
12	3.076	526	540	563	rVB	2579837	4844298	11.17%	4.165%
13	3.218	574	584	609	rVB3	28565	72740	0.17%	0.063%
14	3.388	626	637	652	rVB2	29207	60383	0.14%	0.052%
15	3.912	777	800	829	rBV	2141412	5096352	11.75%	4.382%
16	4.607	992	1016	1024	rBV2	54594	129335	0.30%	0.111%
17	4.710	1024	1048	1105	rVB	19490055	43359941	100.00%	37.279%
18	5.102	1155	1170	1190	rVB	405309	878294	2.03%	0.755%
19	5.356	1228	1249	1279	rVB	3838478	8576327	19.78%	7.373%
20	5.761	1351	1375	1390	rBV2	946829	2471872	5.70%	2.125%
21	6.186	1487	1507	1521	rBV2	14757	43246	0.10%	0.037%
22	6.282	1521	1537	1556	rBV	754628	1406207	3.24%	1.209%
23	6.571	1596	1627	1652	rBV	2335408	4775073	11.01%	4.105%
24	6.723	1660	1674	1689	rBV	561595	1076568	2.48%	0.926%
25	6.793	1690	1696	1701	rVV3	20288	36151	0.08%	0.031%
26	6.832	1702	1708	1720	rVB3	37700	67303	0.16%	0.058%
27	6.993	1737	1758	1780	rBV	84079	171327	0.40%	0.147%
28	7.591	1929	1944	1958	rBV	352568	604650	1.39%	0.520%
29	7.816	2002	2014	2026	rBV2	34337	57848	0.13%	0.050%
30	7.922	2026	2047	2059	rVV	1151248	1950845	4.50%	1.677%
31	7.993	2059	2069	2081	rVV	424113	724022	1.67%	0.622%
32	8.054	2081	2088	2102	rVB2	28286	49740	0.11%	0.043%
33	8.202	2122	2134	2146	rBV	253335	417491	0.96%	0.359%
34	8.423	2186	2203	2216	rVB4	44602	91497	0.21%	0.079%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

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\SOMULM042320WMA.M
Title : VOC Analysis

35	8.655	2260	2275	2306	rBV	993348	1708077	3.94%	1.469%
36	9.060	2393	2401	2413	rVB2	16807	26694	0.06%	0.023%
37	9.295	2461	2474	2482	rBV3	17810	32608	0.08%	0.028%
38	9.436	2504	2518	2537	rVV	1095883	1782044	4.11%	1.532%
39	9.587	2552	2565	2585	rBV	1324986	2080888	4.80%	1.789%
40	9.710	2588	2603	2616	rVV	4039643	6499982	14.99%	5.588%
41	9.777	2616	2624	2638	rVV	70468	124371	0.29%	0.107%
42	10.115	2716	2729	2753	rVB	1275692	2022974	4.67%	1.739%
43	10.497	2837	2848	2860	rBV	218279	342036	0.79%	0.294%
44	10.587	2860	2876	2886	rVB3	17091	28739	0.07%	0.025%
45	10.771	2921	2933	2949	rVB	643436	1027169	2.37%	0.883%
46	10.935	2965	2984	2996	rBV2	124595	297014	0.68%	0.255%
47	11.005	2996	3006	3023	rVB3	34739	71204	0.16%	0.061%
48	11.105	3023	3037	3049	rBV5	18818	37245	0.09%	0.032%
49	11.304	3088	3099	3114	rVB2	20372	37635	0.09%	0.032%
50	11.481	3142	3154	3168	rVB3	64707	113535	0.26%	0.098%
51	11.655	3201	3208	3217	rVB3	13150	21393	0.05%	0.018%
52	11.822	3244	3260	3274	rBV3	1004163	2172904	5.01%	1.868%
53	11.896	3274	3283	3301	rVB3	49464	99698	0.23%	0.086%
54	12.025	3314	3323	3331	rBV5	19311	29441	0.07%	0.025%
55	12.105	3340	3348	3366	rVB	126249	199460	0.46%	0.171%
56	12.205	3366	3379	3402	rVB	1110625	1800705	4.15%	1.548%
57	12.317	3402	3414	3425	rBV4	39214	72204	0.17%	0.062%
58	12.385	3428	3435	3451	rVB	13049	21446	0.05%	0.018%
59	12.468	3451	3461	3468	rBV7	16608	32310	0.07%	0.028%
60	12.584	3490	3497	3505	rVB2	18186	26346	0.06%	0.023%
61	12.697	3523	3532	3550	rVB3	47260	91386	0.21%	0.079%
62	12.880	3582	3589	3601	rVB4	18007	31935	0.07%	0.027%
63	12.970	3603	3617	3635	rVV2	184940	428660	0.99%	0.369%
64	13.047	3635	3641	3651	rVB7	22365	40493	0.09%	0.035%
65	13.134	3660	3668	3678	rVB5	20942	35786	0.08%	0.031%
66	13.275	3688	3712	3719	rBV6	43372	95955	0.22%	0.082%
67	13.430	3751	3760	3766	rBV6	26499	43939	0.10%	0.038%
68	13.475	3766	3774	3784	rVV2	71659	119439	0.28%	0.103%
69	13.542	3784	3795	3808	rVV	128495	210495	0.49%	0.181%
70	13.652	3822	3829	3841	rVB10	22220	38380	0.09%	0.033%
71	13.764	3853	3864	3873	rVV	195542	319297	0.74%	0.275%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

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\SOMULM042320WMA.M
Title : VOC Analysis

72	13.809	3874	3878	3886	rVB3	24532	33174	0.08%	0.029%
73	13.861	3886	3894	3902	rBV3	42882	67623	0.16%	0.058%
74	13.938	3913	3918	3924	rVB	27642	33010	0.08%	0.028%
75	14.111	3959	3972	3994	rVB	1766001	2824190	6.51%	2.428%
76	14.224	3995	4007	4020	rVV2	114864	238680	0.55%	0.205%
77	14.314	4021	4035	4047	rVV2	100958	177544	0.41%	0.153%
78	14.513	4087	4097	4101	rBV4	13484	21476	0.05%	0.018%
79	14.549	4102	4108	4116	rVB9	15572	25227	0.06%	0.022%
80	14.696	4145	4154	4168	rBV3	48879	102670	0.24%	0.088%
81	14.841	4191	4199	4209	rBV2	40543	65037	0.15%	0.056%
82	14.912	4212	4221	4232	rVB5	49332	90528	0.21%	0.078%
83	15.060	4255	4267	4278	rBV5	27643	59011	0.14%	0.051%
84	15.208	4300	4313	4314	rBV2	15044	24903	0.06%	0.021%
85	15.259	4316	4329	4338	rVV	250465	442105	1.02%	0.380%
86	15.311	4339	4345	4357	rVB3	40832	63777	0.15%	0.055%
87	15.449	4376	4388	4399	rBV	181409	311031	0.72%	0.267%
88	15.542	4413	4417	4429	rVB7	16681	27244	0.06%	0.023%
89	15.777	4482	4490	4499	rBV3	17127	30773	0.07%	0.026%
90	15.973	4539	4551	4554	rBV6	31069	56337	0.13%	0.048%
91	16.057	4570	4577	4588	rBV8	13015	21148	0.05%	0.018%
92	16.195	4612	4620	4625	rBV10	17261	29178	0.07%	0.025%
93	16.230	4626	4631	4641	rVB2	31793	49863	0.11%	0.043%
94	16.311	4647	4656	4665	rBV4	26525	50209	0.12%	0.043%
95	16.458	4693	4702	4709	rBV5	37613	65053	0.15%	0.056%
96	16.500	4710	4715	4724	rVB4	19857	32645	0.08%	0.028%
97	16.661	4754	4765	4770	rBV2	27938	48084	0.11%	0.041%
98	16.696	4771	4776	4792	rVB6	34250	60089	0.14%	0.052%
99	16.841	4813	4821	4829	rBV5	17304	30889	0.07%	0.027%
100	17.153	4908	4918	4931	rVB2	120814	214341	0.49%	0.184%

Sum of corrected areas: 116312860

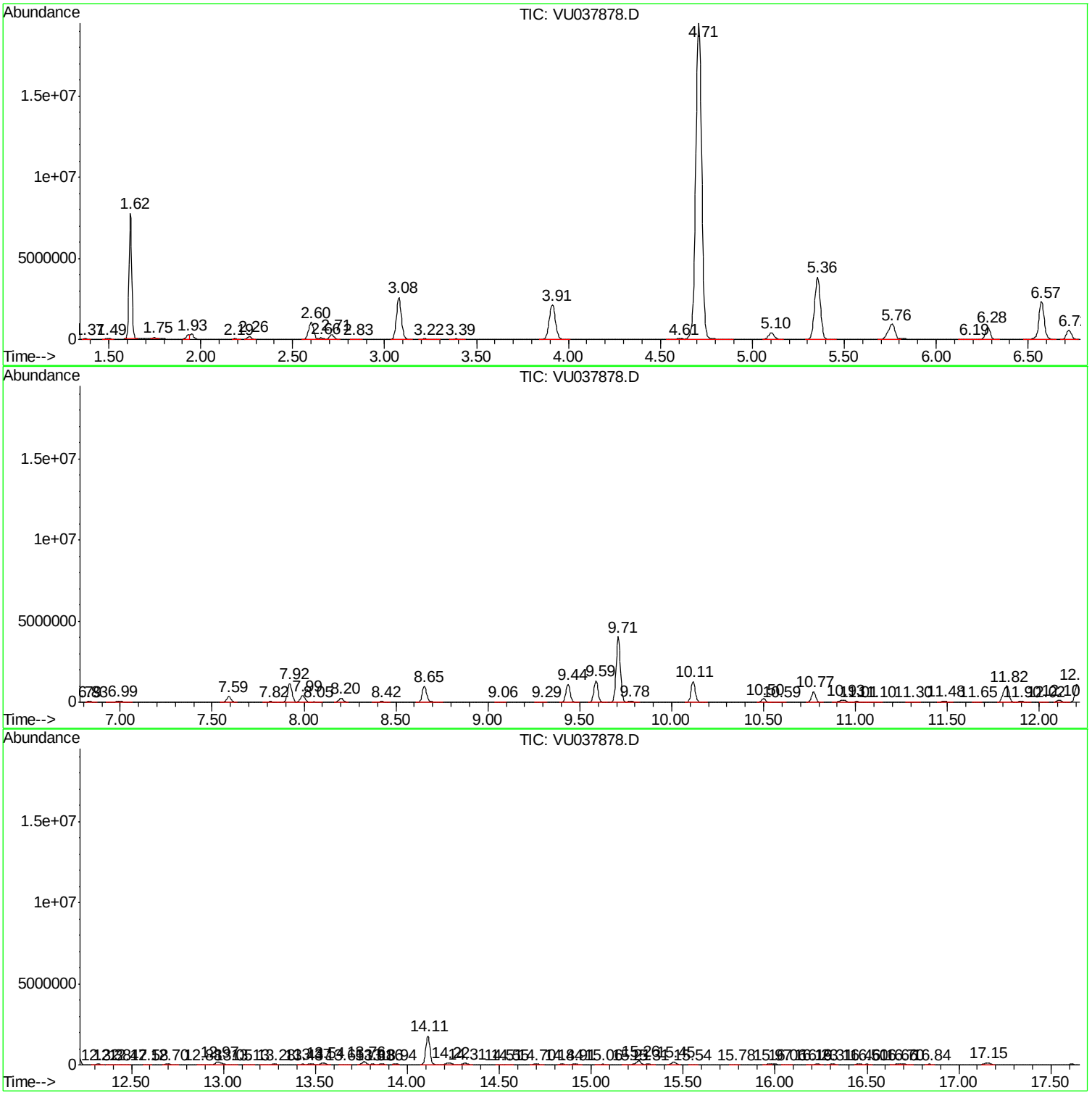
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.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\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

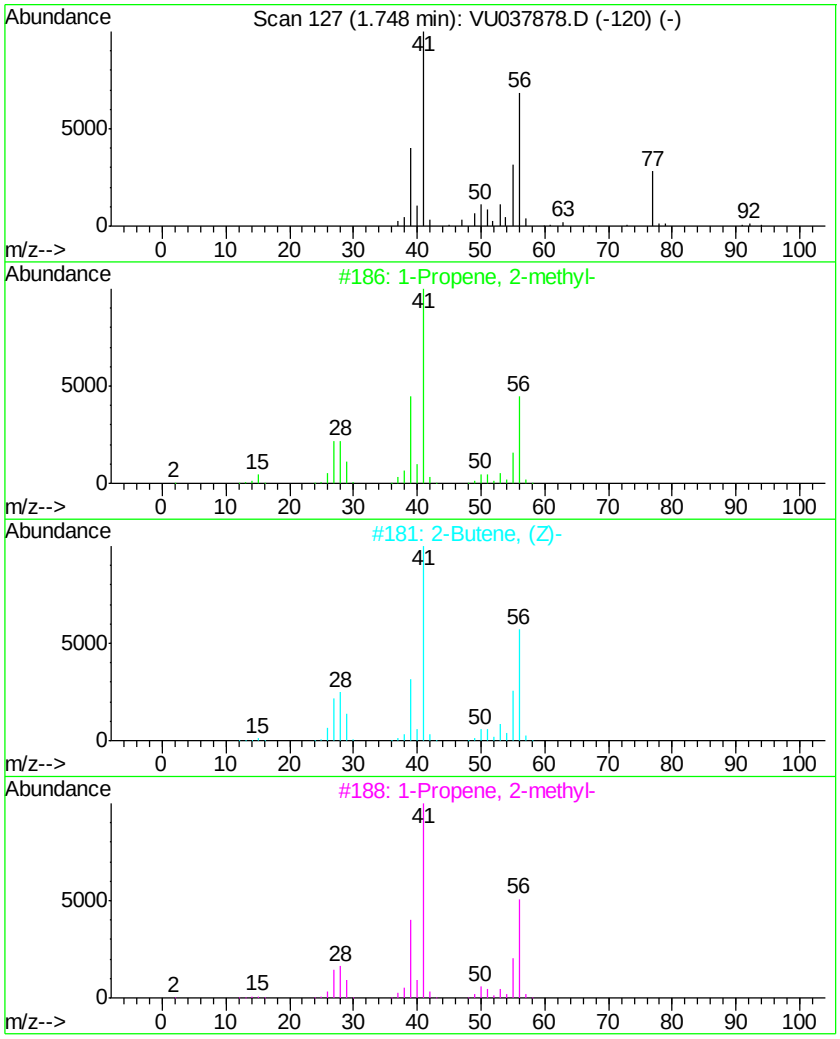
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

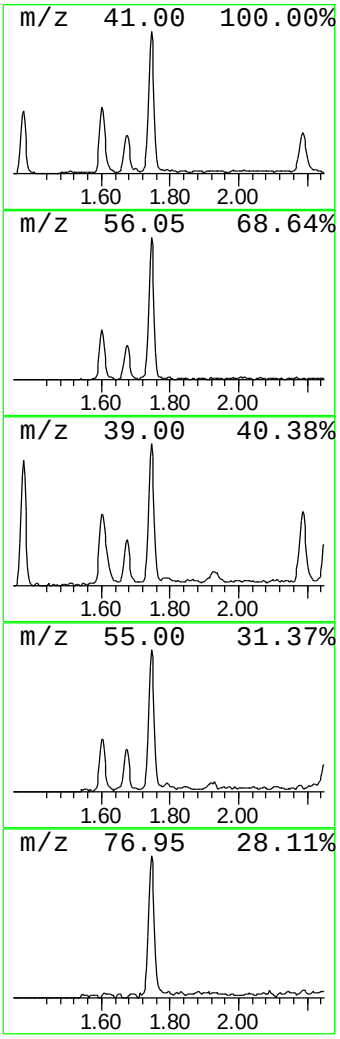
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	3.14 ug/L	88445	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64
2	2-Butene, (Z)-	56	C4H8	000590-18-1	64
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	59
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	59
5	2-Butene, (E)-	56	C4H8	000624-64-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

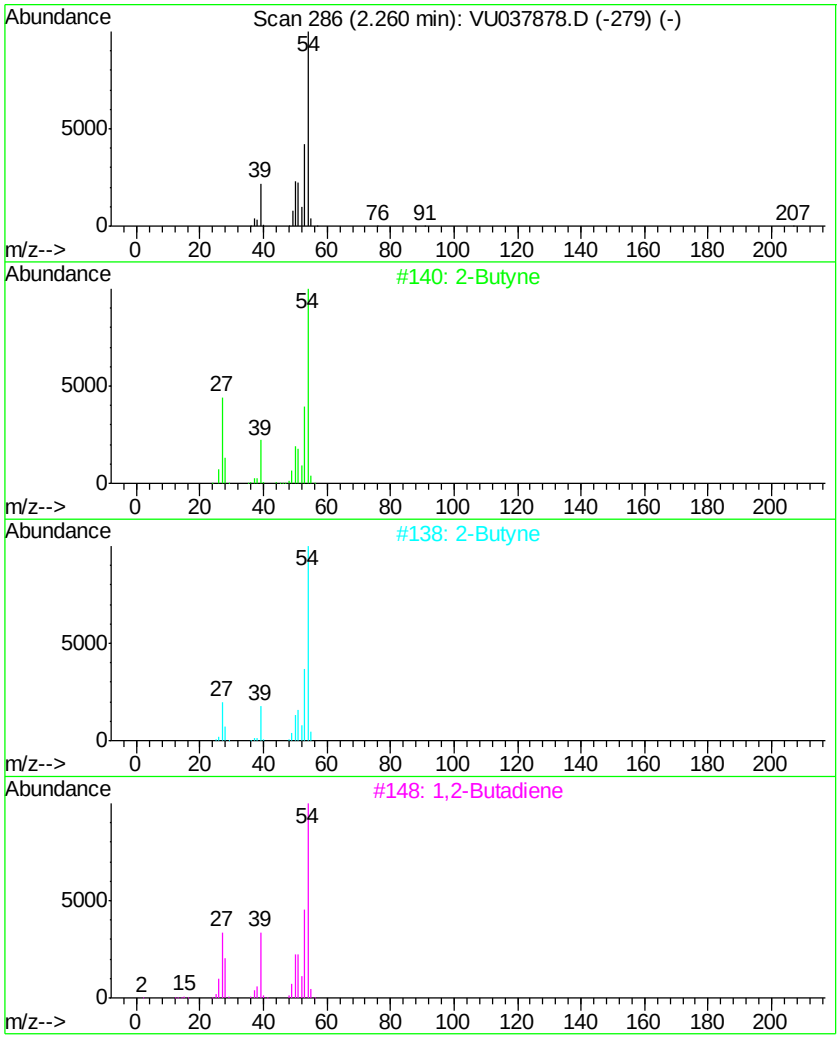
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

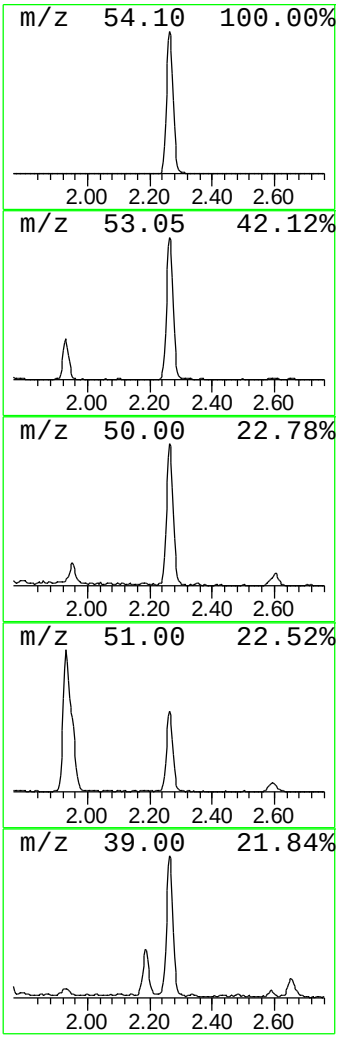
****

Peak Number 2 2-Butyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	8.75 ug/L	246015	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	86
2	2-Butyne	54	C4H6	000503-17-3	86
3	1,2-Butadiene	54	C4H6	000590-19-2	78
4	1,2-Butadiene	54	C4H6	000590-19-2	78
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

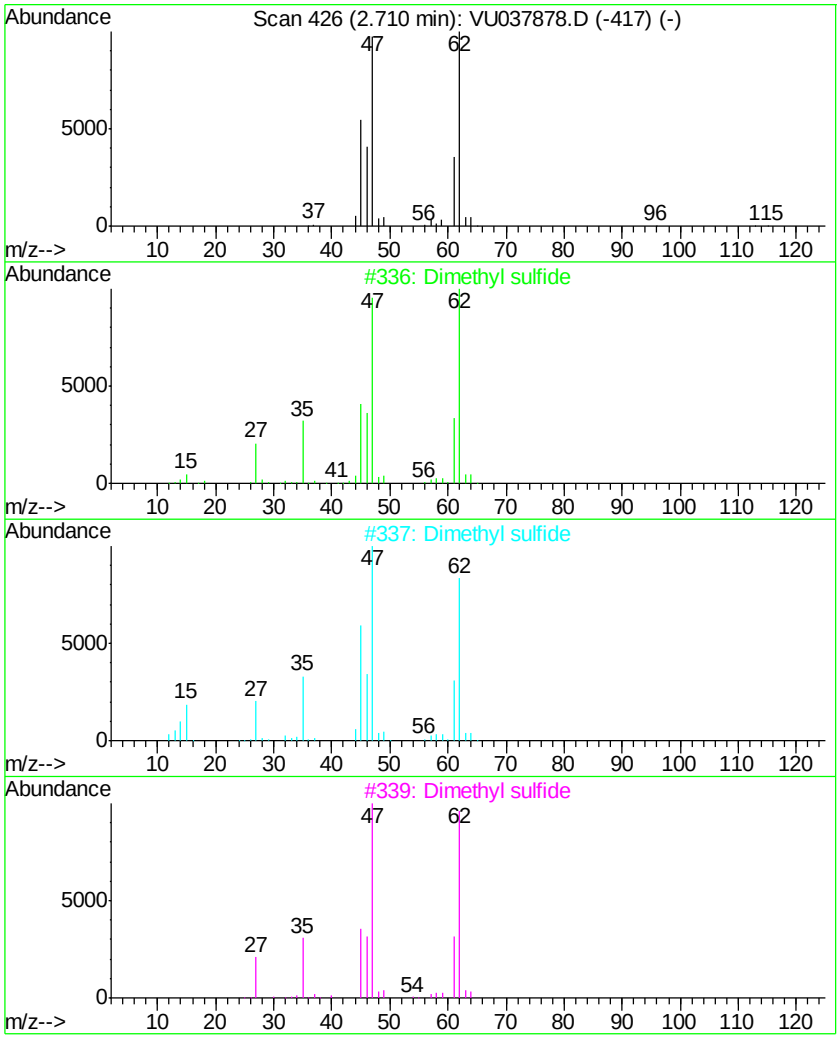
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

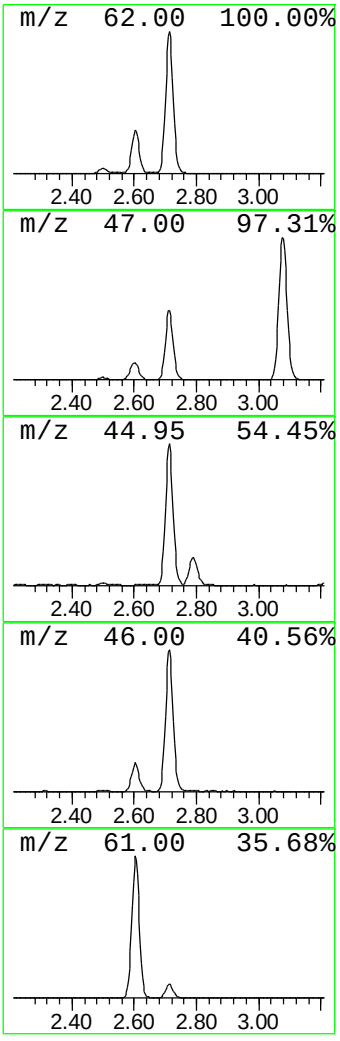
****

Peak Number 3 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	17.58 ug/L	494421	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	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

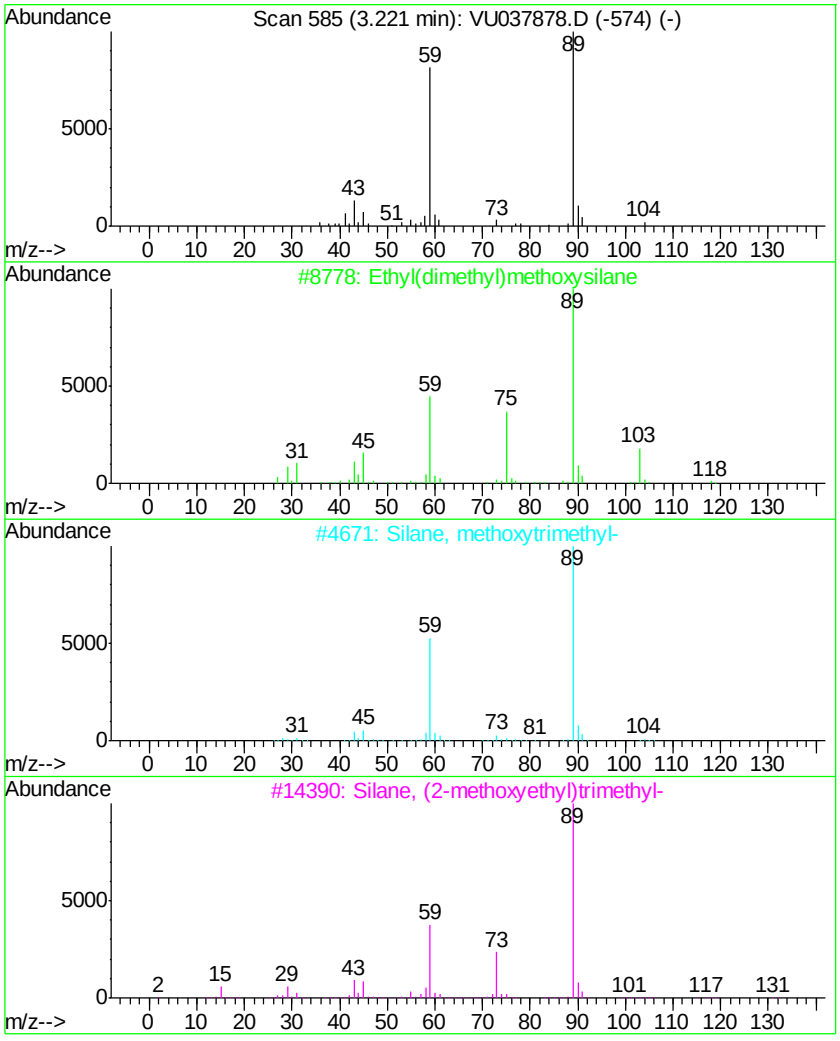
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

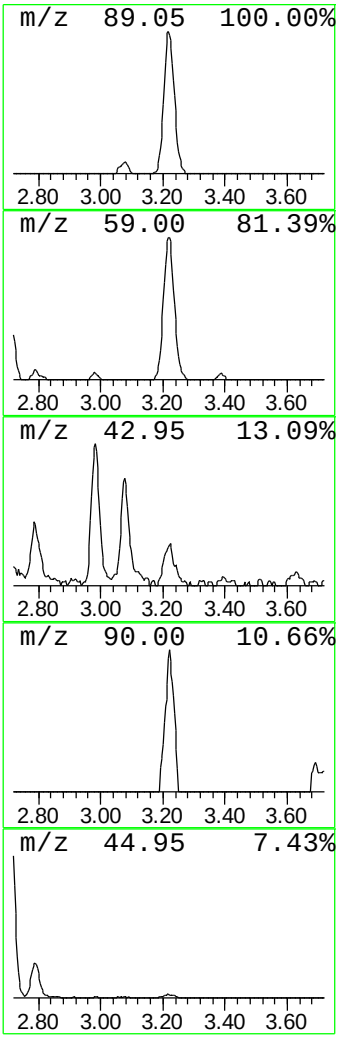
****

Peak Number 4 Ethyl(dimethyl)methoxysilane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	2.59 ug/L	72740	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	83
2	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3	Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	74
4	Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	74
5	2-Cyclopentene, 1,4-bis(methoxye...	276	C13H24O6	1000156-00-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

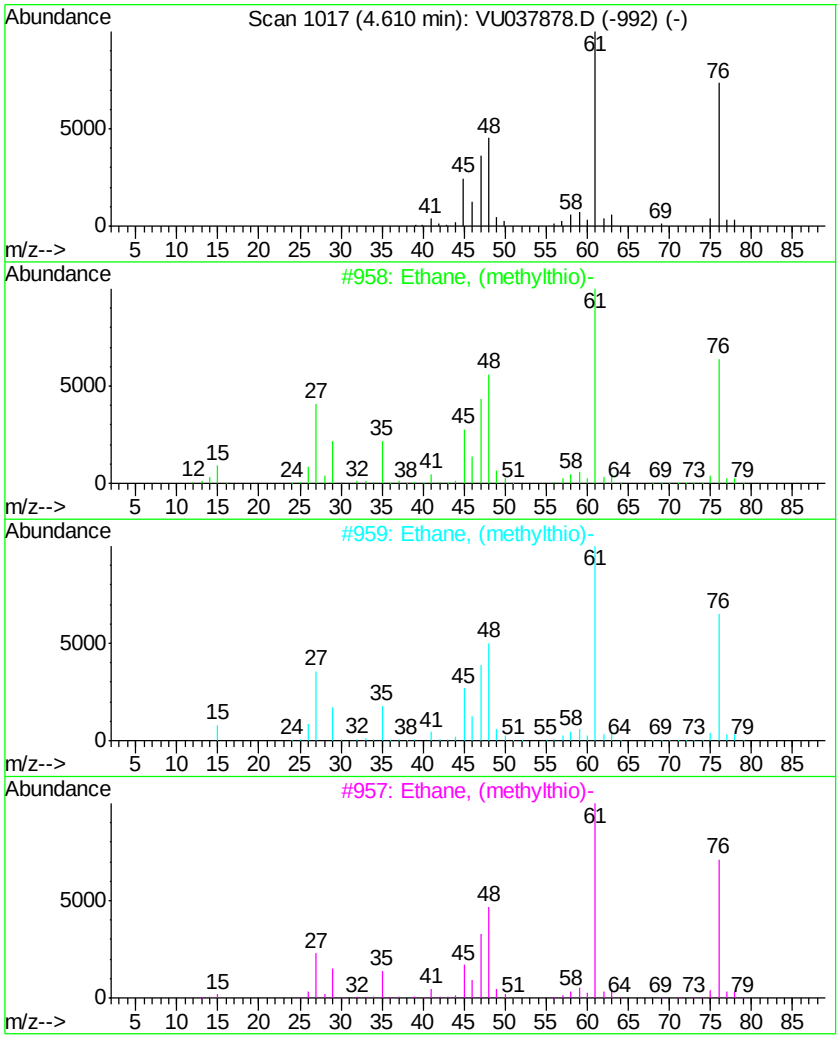
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

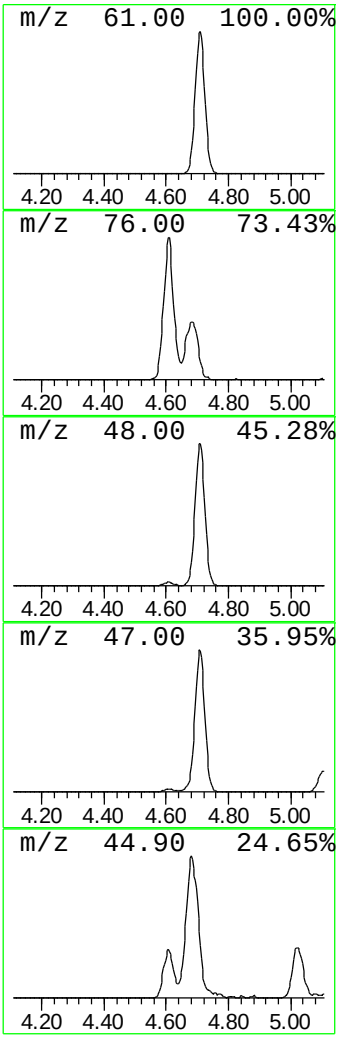
****

Peak Number 5 Ethane, (methylthio)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	4.60 ug/L	129335	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	p-Dithiane-2,5-diol	152	C4H8O2S2	040018-26-6	35
5	Trimethylphosphine	76	C3H9P	000594-09-2	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

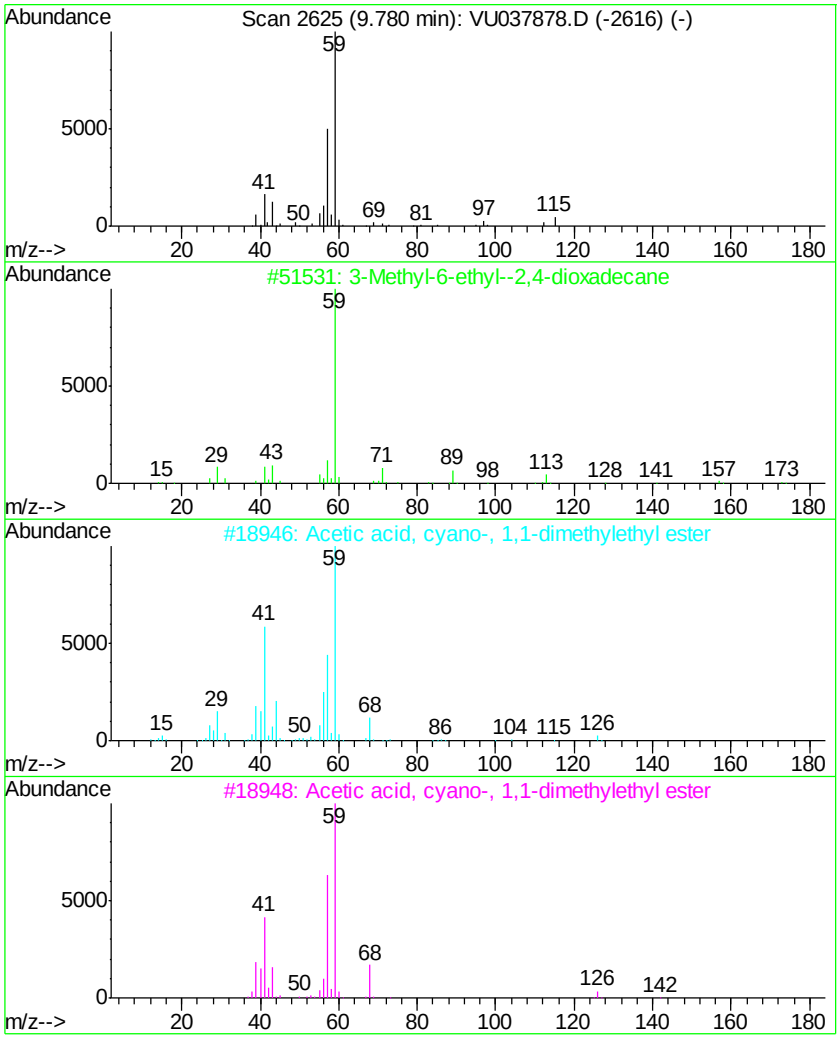
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

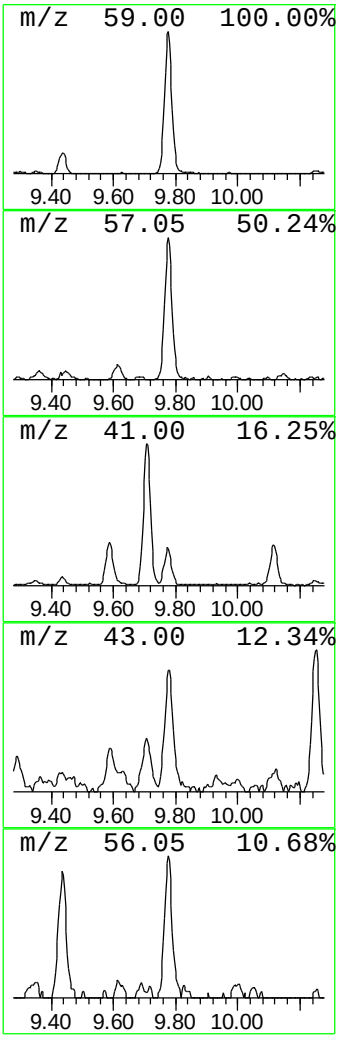
****

Peak Number 8 3-Methyl-6-ethyl--2,4-dioxa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.49 ug/L	124371	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	45
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40





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Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

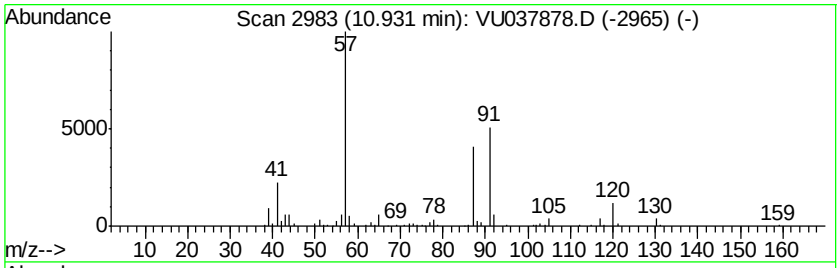
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

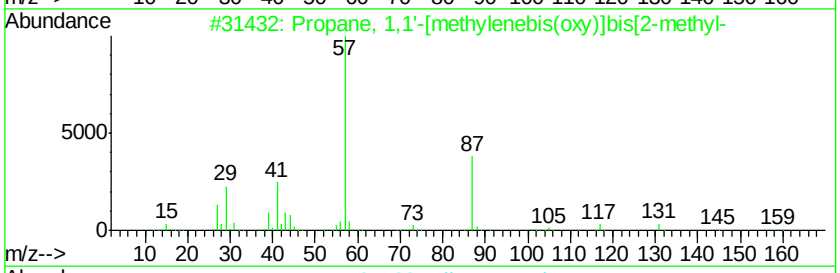
****

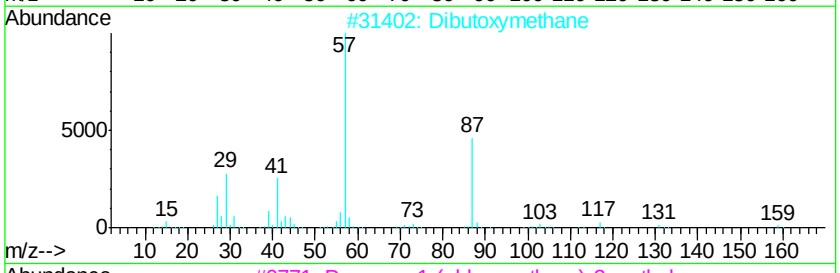
Peak Number 9 unknown-01 Concentration Rank 9

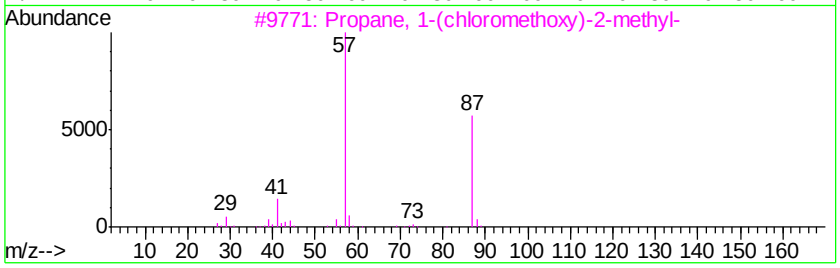
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	6.83 ug/L	297014	1,4-Dichlorobenzene-d4	11.83

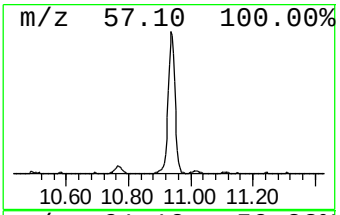
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	45
2	Dibutoxymethane	160	C9H20O2	002568-90-3	42
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	42
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	42
5	Morpholine	87	C4H9NO	000110-91-8	25

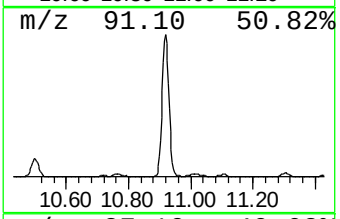


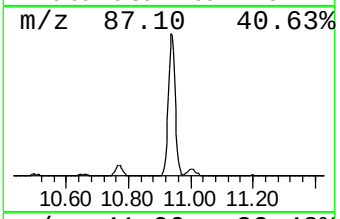


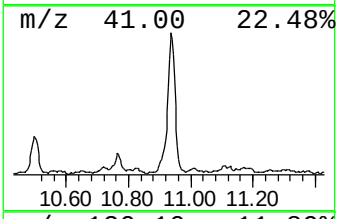


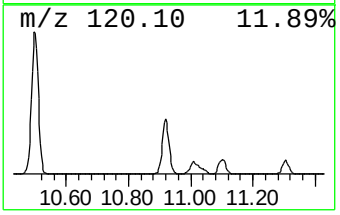












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

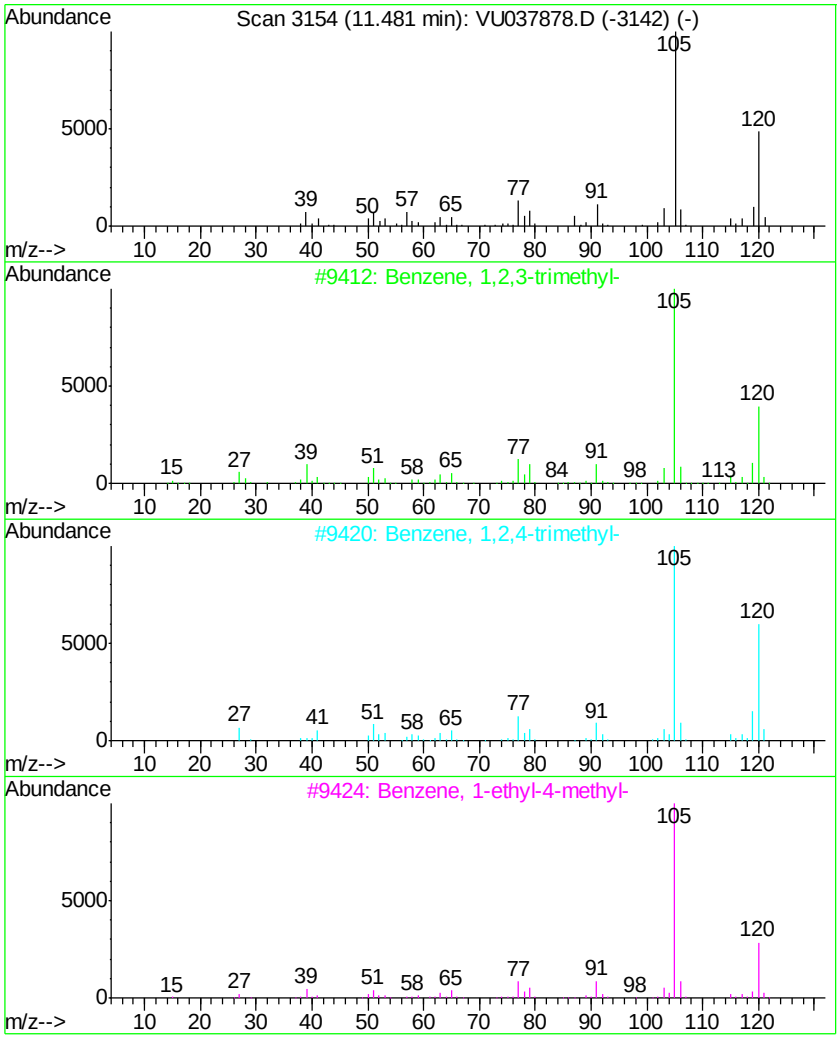
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

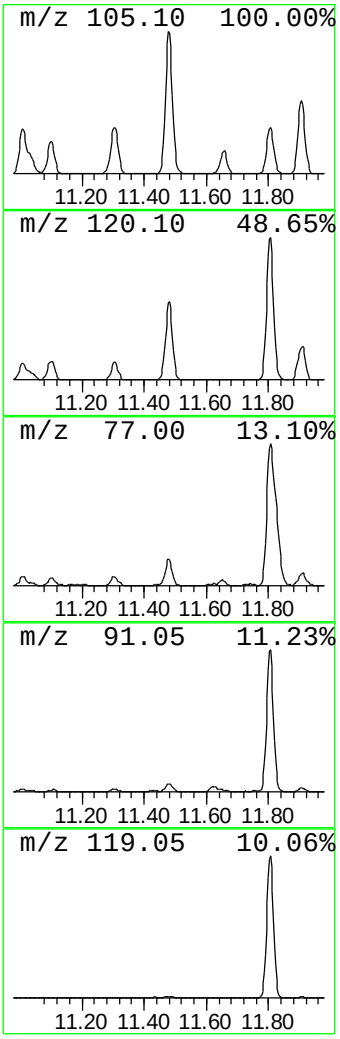
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.61 ug/L	113535	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

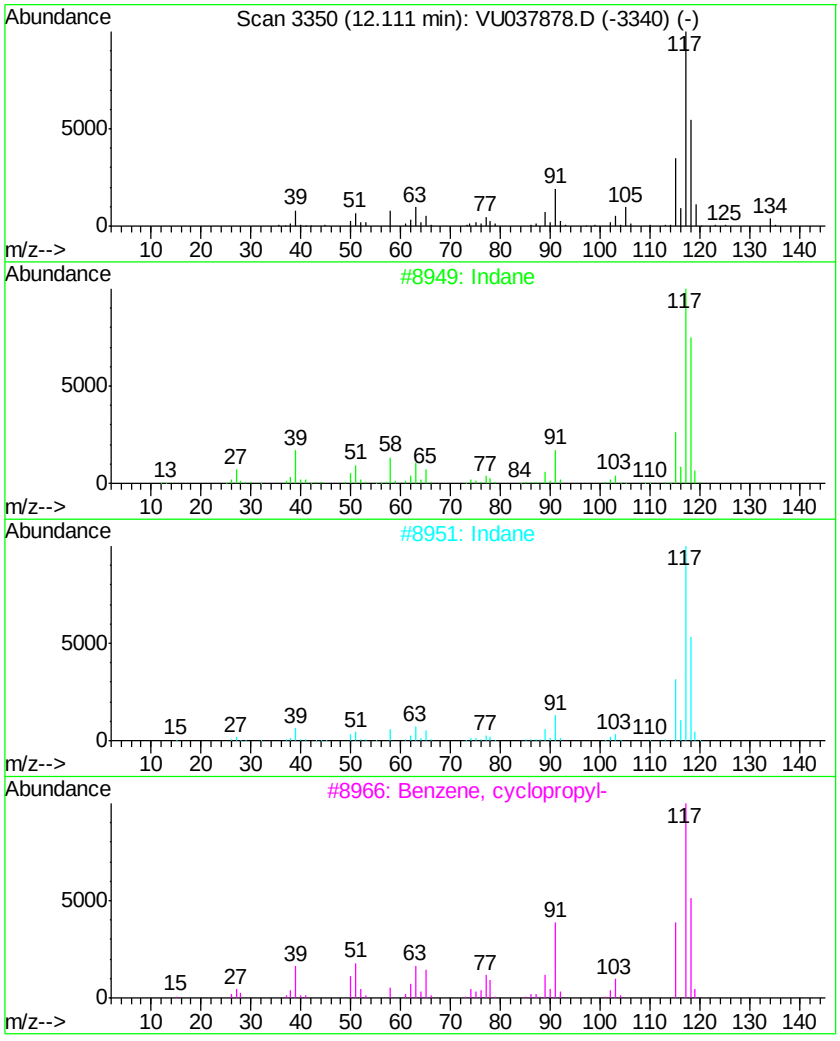
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

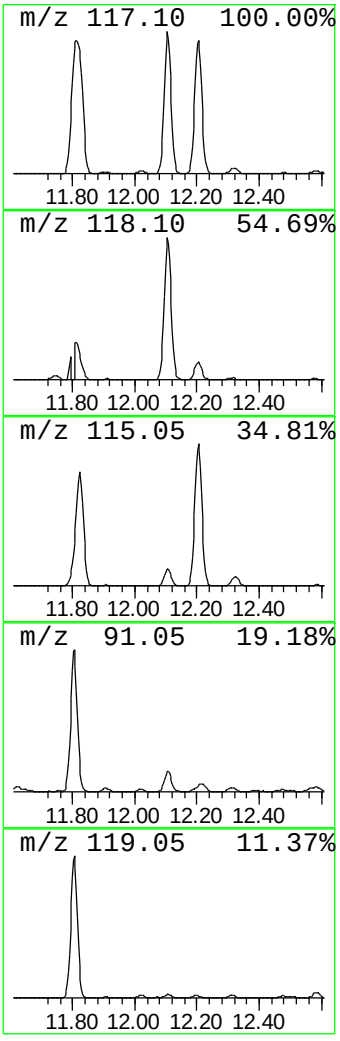
****

Peak Number 11 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.59 ug/L	199460	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





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Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

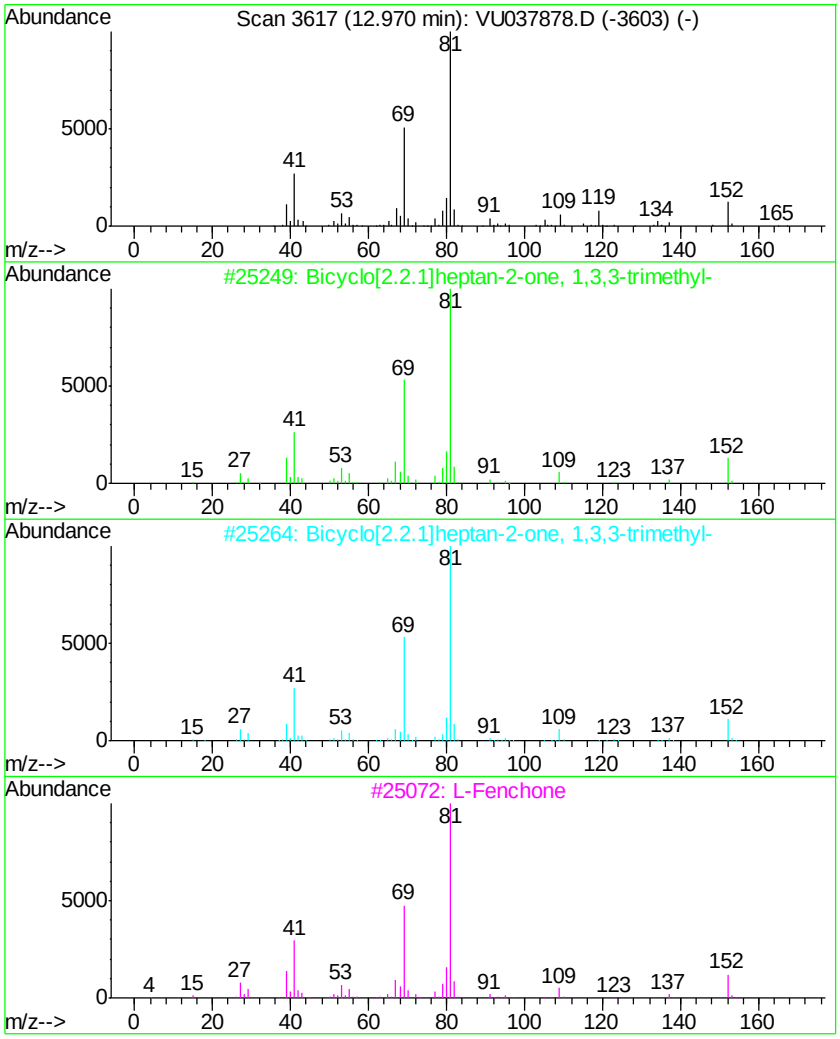
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

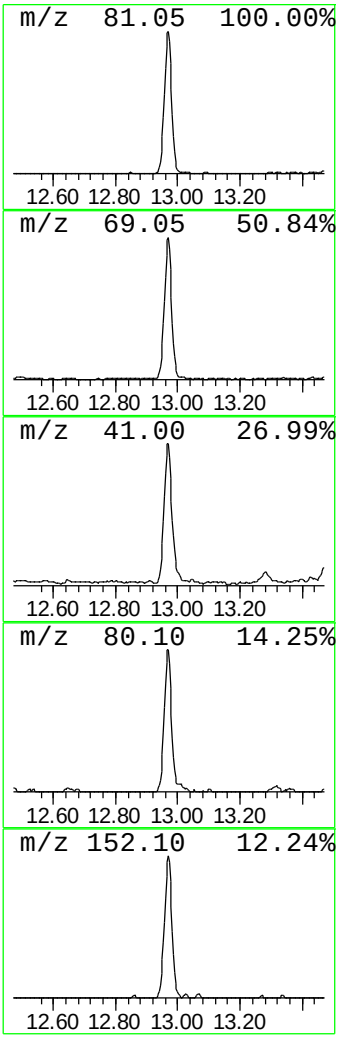
****

Peak Number 12 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	9.86 ug/L	428660	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	95
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





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Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

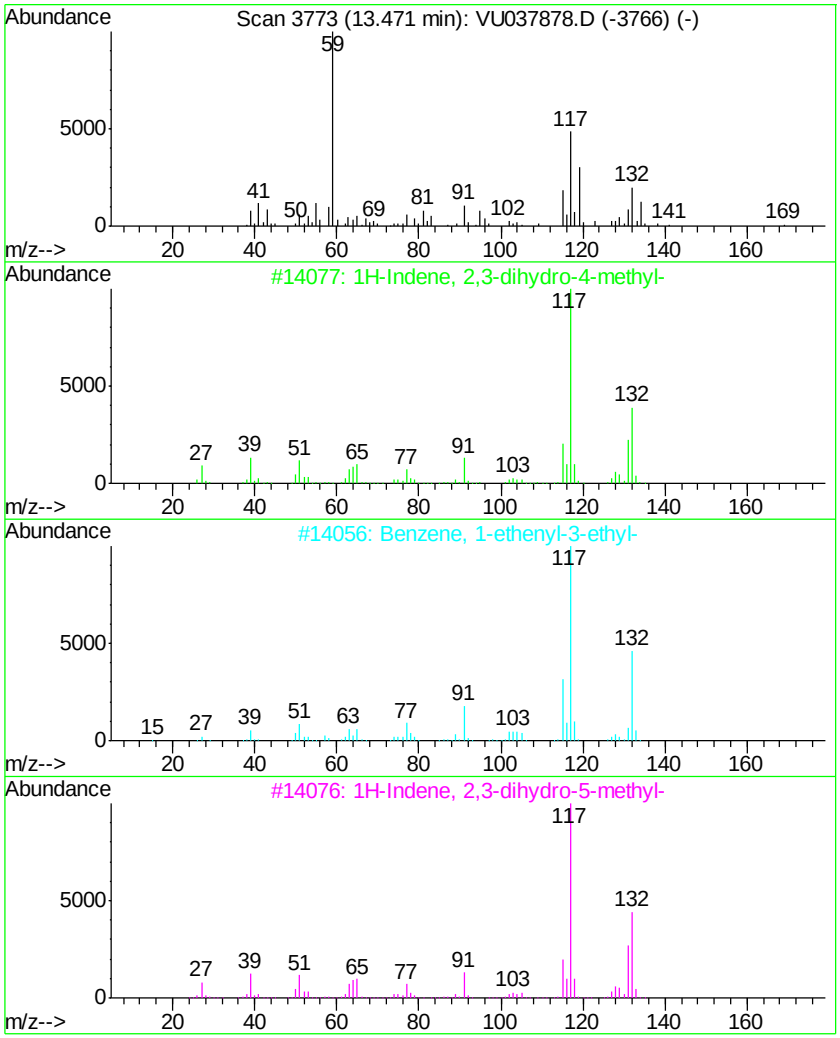
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

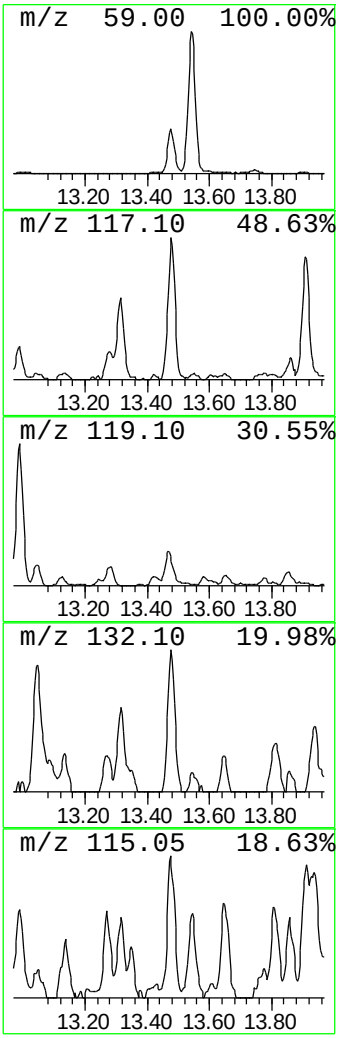
****

Peak Number 13 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.75 ug/L	119439	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	42
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	41
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	38
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	35





Library Search Compound Report

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Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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

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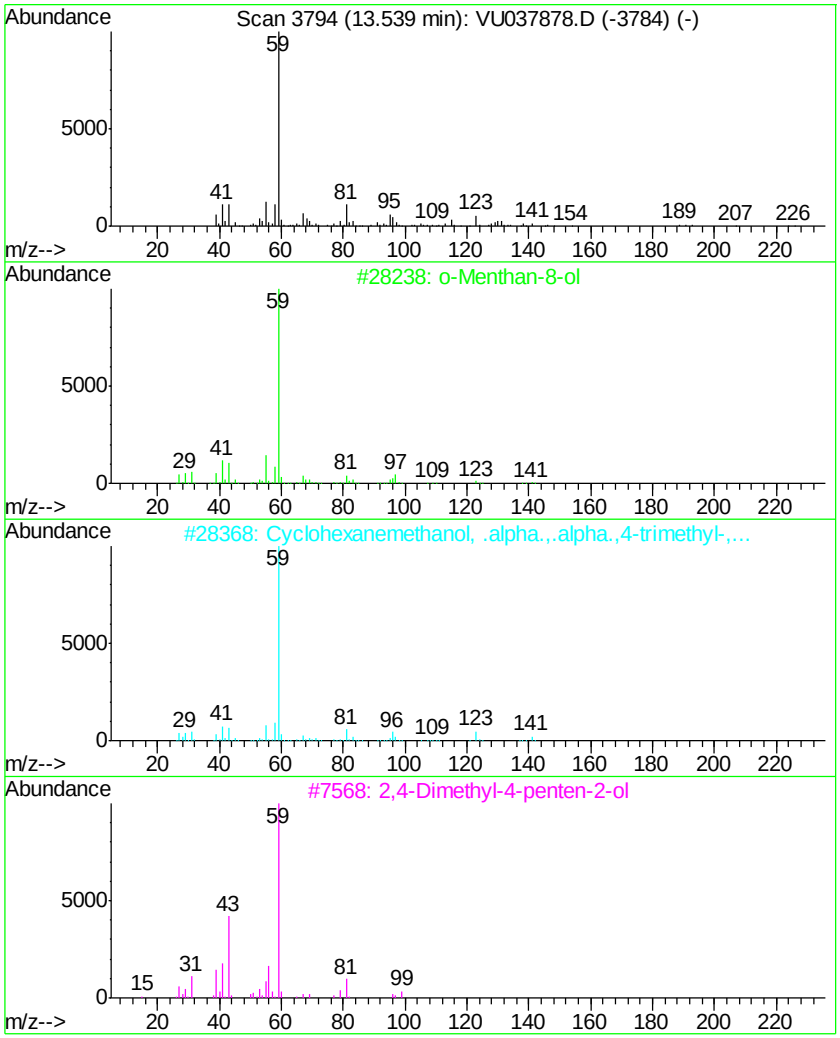
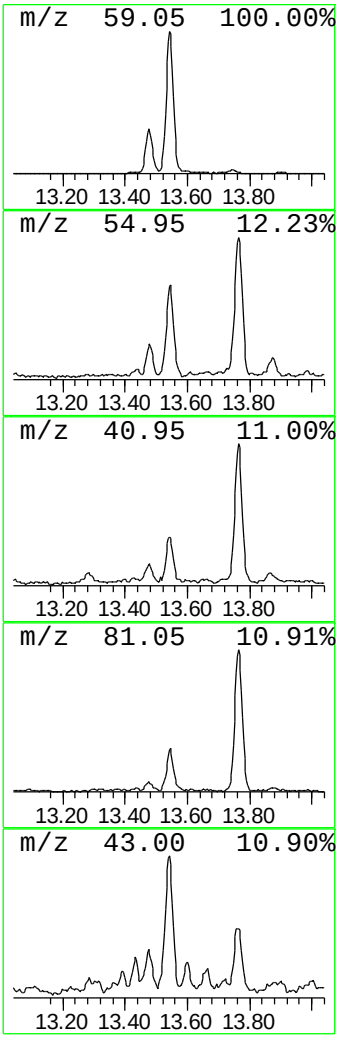
Peak Number 14 o-Menthan-8-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.84 ug/L	210495	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Menthan-8-ol	156	C10H20O	343855-44-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
3	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	59
4	2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	59
5	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	59





Library Search Compound Report

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Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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

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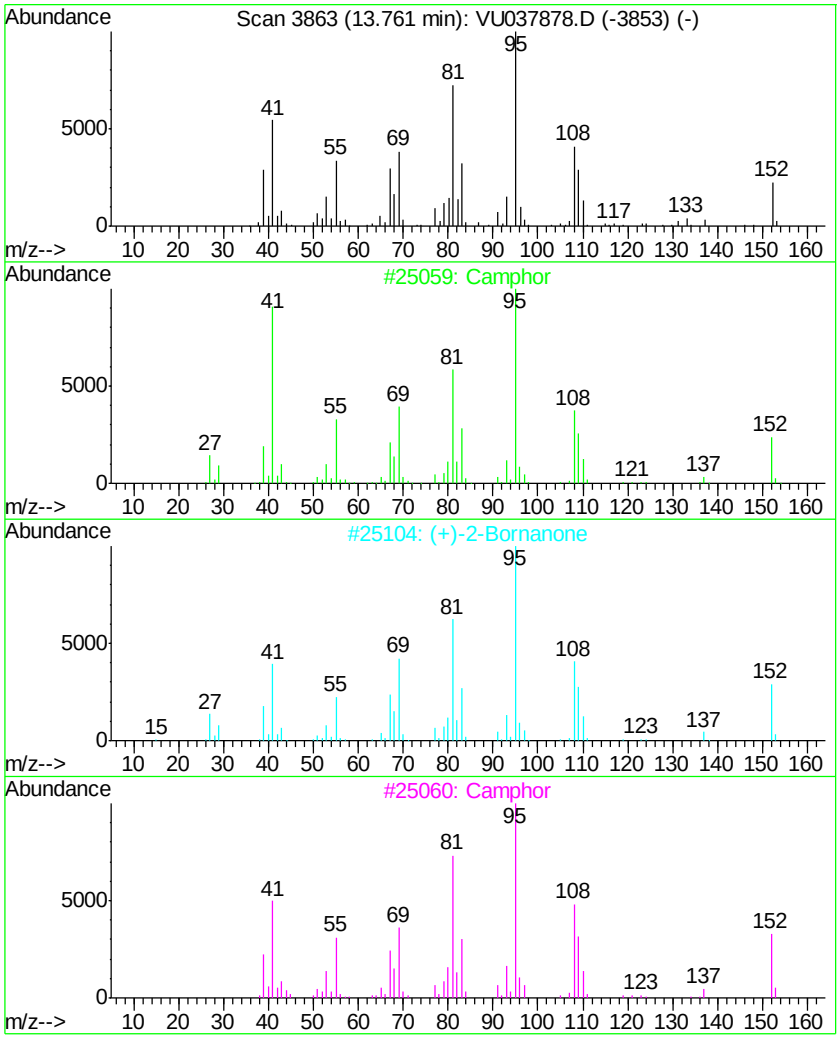
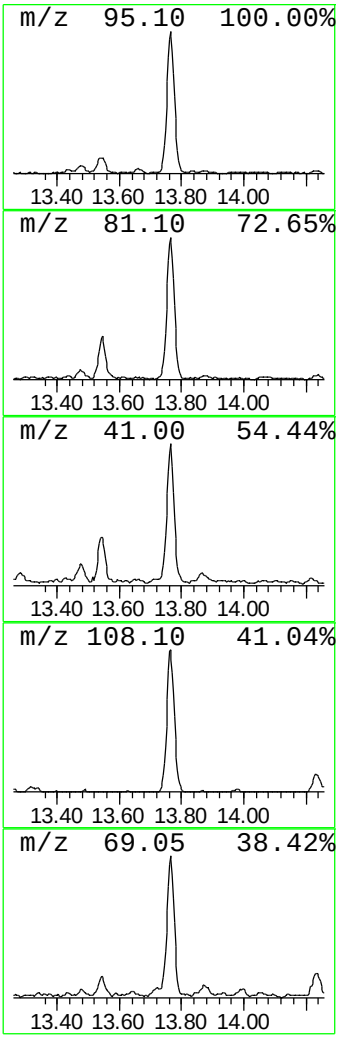
Peak Number 15 Camphor Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.35 ug/L	319297	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	95
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
3	Camphor	152	C10H16O	000076-22-2	94
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	94





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Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

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

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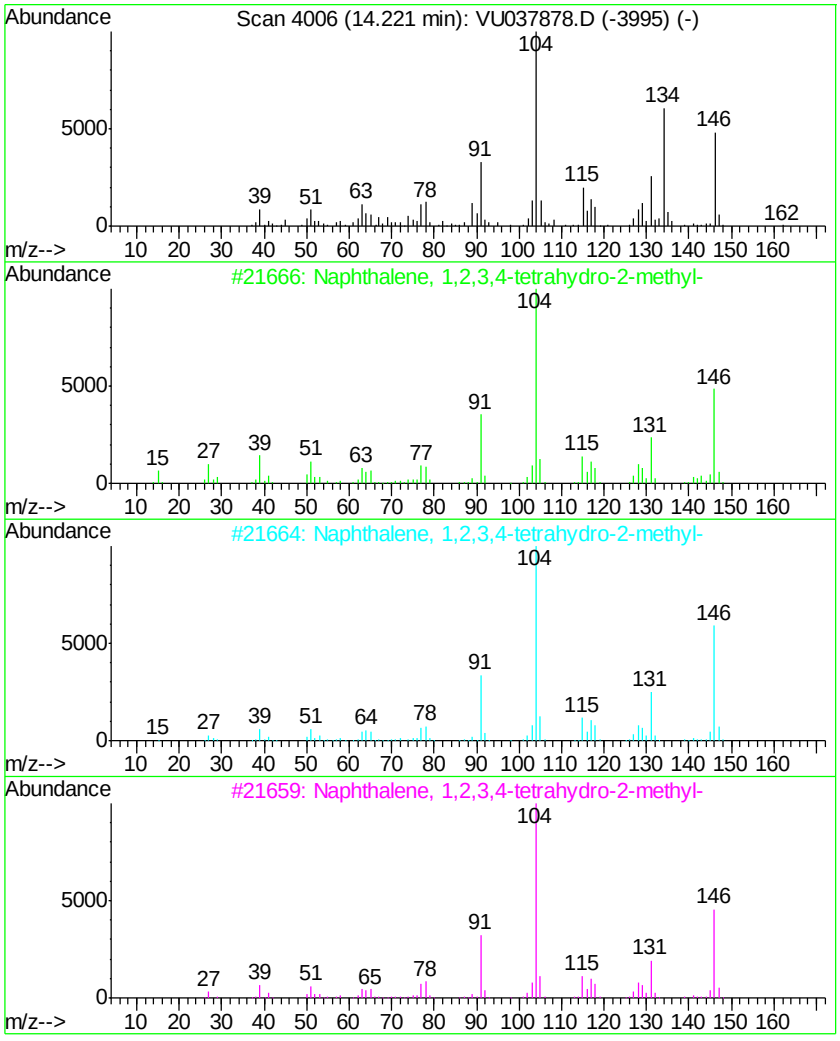
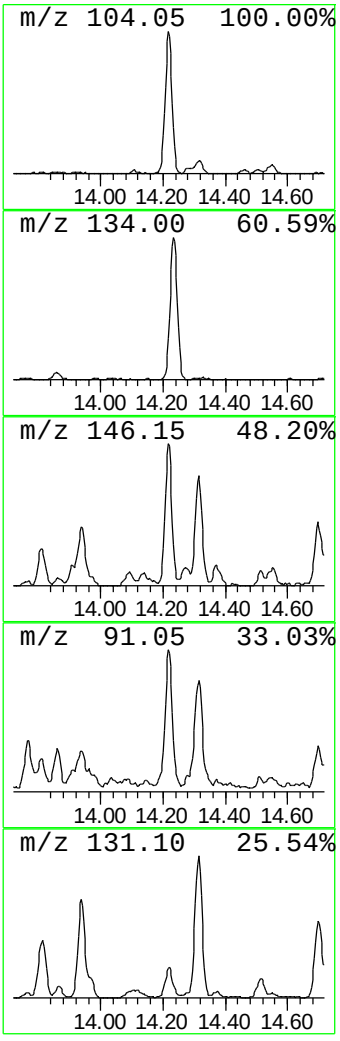
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	5.49 ug/L	238680	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	55
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	45





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Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

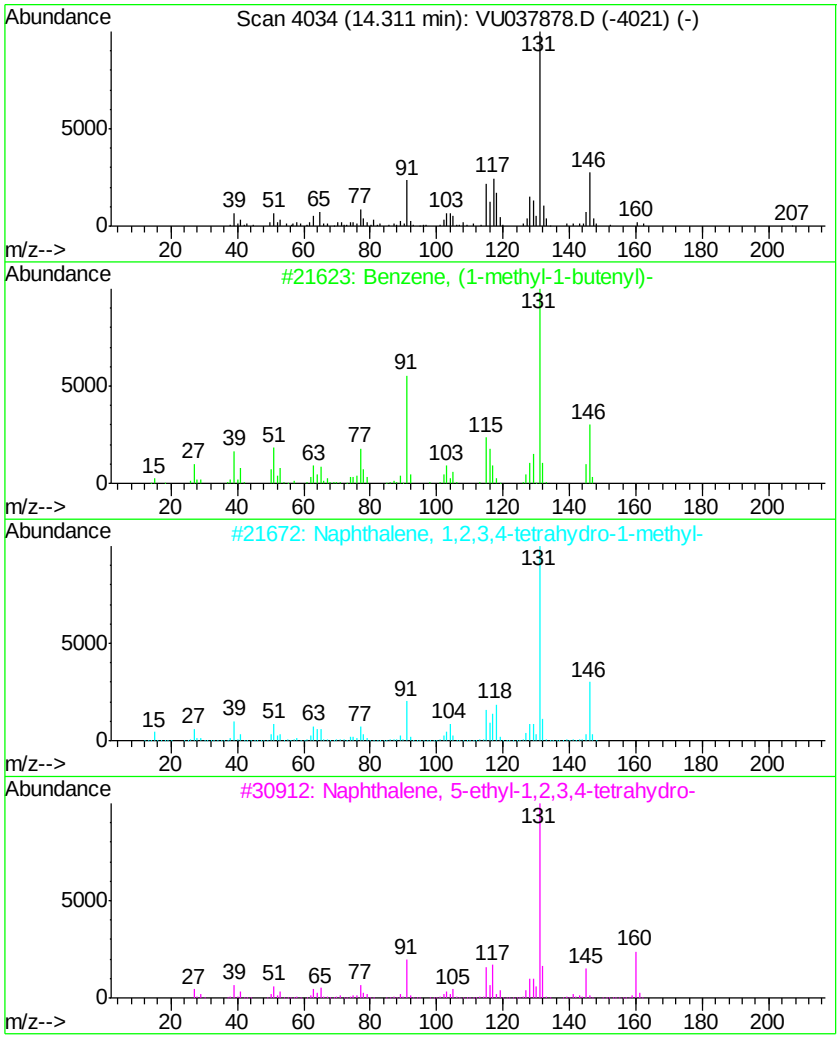
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

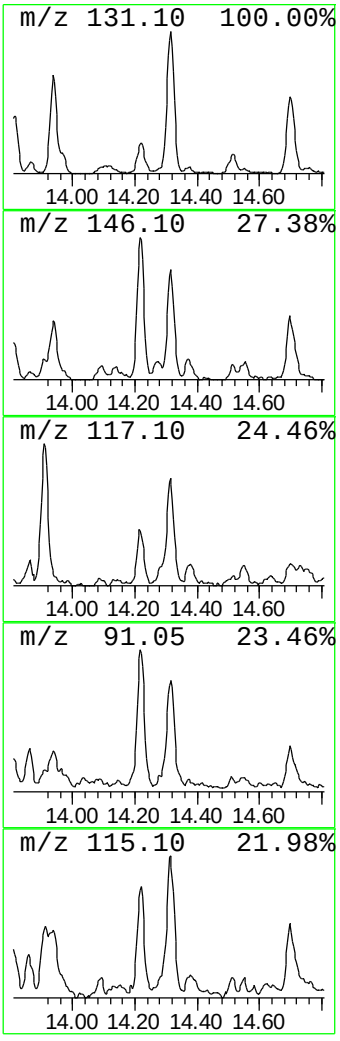
****

Peak Number 18 Benzene, (1-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.09 ug/L	177544	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	93
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

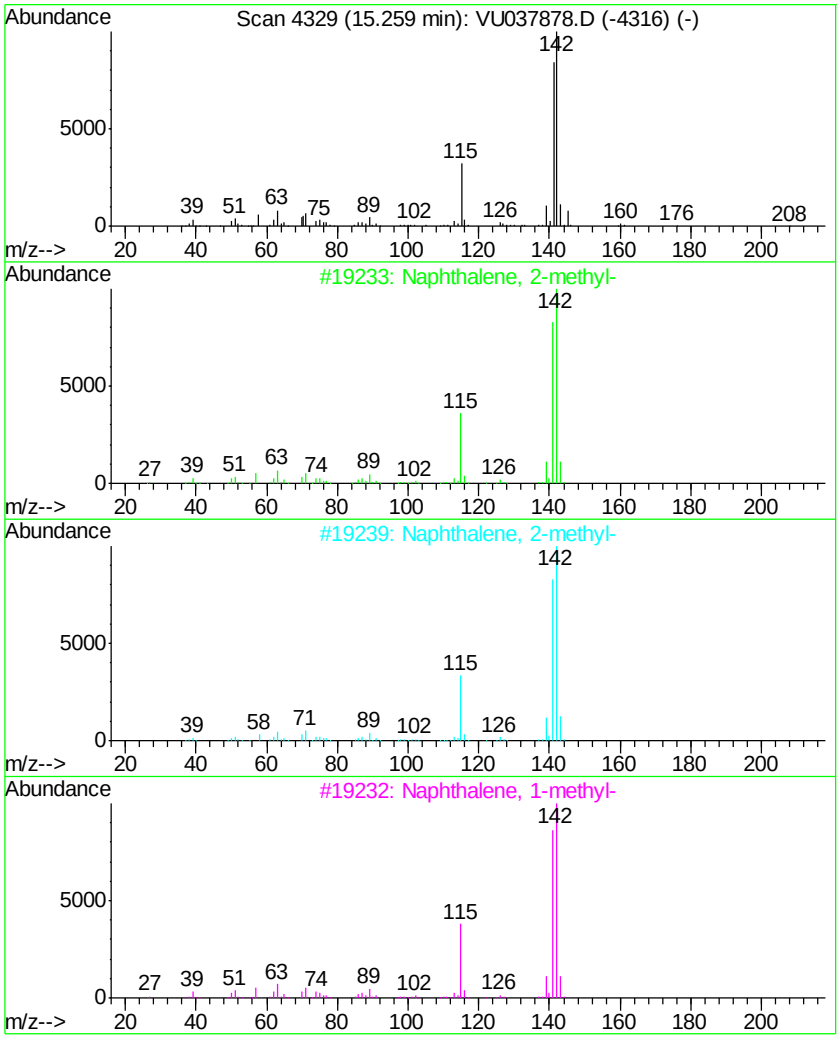
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

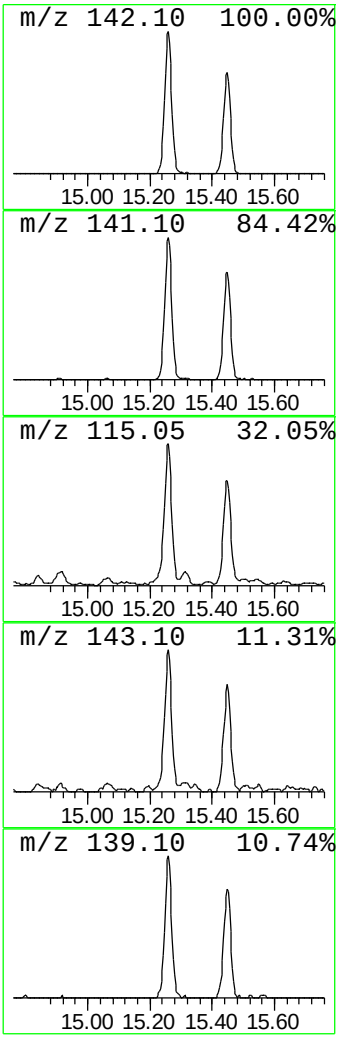
****

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	10.17 ug/L	442105	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037878.D
Acq On : 24 Apr 2020 17:56
Operator : JC/MD
Sample : L2395-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.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
(DEL) Alkane: Str...	1.75	3.1	ug/L	88445	1	6.28	1406210	50.0
2-Butyne	2.26	8.8	ug/L	246015	1	6.28	1406210	50.0
Dimethyl sulfide	2.71	17.6	ug/L	494421	1	6.28	1406210	50.0
Ethyl(dimethyl)me...	3.22	2.6	ug/L	72740	1	6.28	1406210	50.0
Ethane, (methylth...	4.61	4.6	ug/L	129335	1	6.28	1406210	50.0
3-Methyl-6-ethyl-...	9.78	3.5	ug/L	124371	2	9.44	1782040	50.0
unknown-01	10.93	6.8	ug/L	297014	3	11.83	2172900	50.0
Benzene, 1,2,3-tr...	11.48	2.6	ug/L	113535	3	11.83	2172900	50.0
Indane	12.11	4.6	ug/L	199460	3	11.83	2172900	50.0
Bicyclo[2.2.1]hep...	12.97	9.9	ug/L	428660	3	11.83	2172900	50.0
unknown-02	13.47	2.8	ug/L	119439	3	11.83	2172900	50.0
o-Menthan-8-ol	13.54	4.8	ug/L	210495	3	11.83	2172900	50.0
Camphor	13.76	7.3	ug/L	319297	3	11.83	2172900	50.0
Naphthalene, 1,2,...	14.22	5.5	ug/L	238680	3	11.83	2172900	50.0
Benzene, (1-methy...	14.31	4.1	ug/L	177544	3	11.83	2172900	50.0
Naphthalene, 1-me...	15.26	10.2	ug/L	442105	3	11.83	2172900	50.0