LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

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\SOMULM043020WMA.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	1.369	4	9	15	rBV	10892	10388	0.03%	0.012%
2	1.488	39	46	57	rBV3	11505	21716	0.06%	0.025%
3	1.613	75	85	95	rBV2	369558	416457	1.21%	0.485%
4	1.784	131	138	147	rVB3	7585	11924	0.03%	0.014%
5	1.929	175	183	205	rVB2	275084	412860	1.20%	0.481%
6	2.189	258	264	269	rVB2	7872	9365	0.03%	0.011%
7	2.398	324	329	347	rVB7	15010	31130	0.09%	0.036%
8	2.601	376	392	406	rBV3	873993	1743023	5.06%	2.029%
9	2.781	438	448	470	rVB2	51358	100172	0.29%	0.117%
10	3.208	566	581	605	rVB	71781	161888	0.47%	0.188%
11	3.388	625	637	647	rBV2	13228	27786	0.08%	0.032%
12	3.909	776	799	823	rBV	3644292	8595413	24.93%	10.006%
13	4.035	823	838	858	rVB	100085	264924	0.77%	0.308%
14	4.662	1019	1033	1077	rVV2	291912	926772	2.69%	1.079%
15	4.842	1078	1089	1104	rVB3	8715	20002	0.06%	0.023%
16	5.102	1150	1170	1193	rBV	434461	958660	2.78%	1.116%
17	5.353	1226	1248	1276	rBV	15478224	34479598	100.00%	40.137%
18	5.758	1354	1374	1422	rVB2	926720	2727953	7.91%	3.176%
19	6.279	1520	1536	1568	rBV	851055	1640258	4.76%	1.909%
20	6.571	1609	1627	1632	rBV	20234	50636	0.15%	0.059%
21	6.719	1658	1673	1690	rBV	594523	1154235	3.35%	1.344%
22	6.822	1702	1705	1718	rVB8	3353	5104	0.01%	0.006%
23	6.944	1728	1743	1763	rBV	436245	865449	2.51%	1.007%
24	7.205	1815	1824	1837	rVB9	6281	12976	0.04%	0.015%
25	7.276	1837	1846	1858	rVB6	8987	15720	0.05%	0.018%
26	7.362	1858	1873	1907	rBV	548092	1074680	3.12%	1.251%
27	7.539	1913	1928	1936	rBV	717643	1282922	3.72%	1.493%
28	7.591	1936	1944	1960	rVB	355999	635264	1.84%	0.739%
29	7.739	1976	1990	2007	rVB	386931	718002	2.08%	0.836%
30	7.922	2034	2047	2062	rBV	1094504	1958578	5.68%	2.280%
31	7.989	2065	2068	2084	rVB4	38385	62924	0.18%	0.073%
32	8.202	2120	2134	2148	rBV	233081	390089	1.13%	0.454%
33	8.398	2184	2195	2197	rBV3	10128	13096	0.04%	0.015%
34	8.417	2198	2201	2213	rVB4	12982	19008	0.06%	0.022%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

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\SOMULM043020WMA.M
Title : VOC Analysis

35	8.497	2213	2226	2241	rVB5	9025	22696	0.07%	0.026%
36	8.575	2241	2250	2258	rBV5	8406	13679	0.04%	0.016%
37	8.655	2258	2275	2288	rBV2	712655	1349639	3.91%	1.571%
38	8.861	2332	2339	2354	rVB2	5331	9778	0.03%	0.011%
39	9.060	2393	2401	2411	rVV9	5619	9098	0.03%	0.011%
40	9.333	2476	2486	2500	rVB3	20389	38095	0.11%	0.044%
41	9.436	2503	2518	2541	rBV	1248267	2438665	7.07%	2.839%
42	9.536	2541	2549	2559	rVV2	40848	68812	0.20%	0.080%
43	9.594	2559	2567	2571	rVV	4491	6022	0.02%	0.007%
44	9.713	2591	2604	2615	rVV4	14465	31819	0.09%	0.037%
45	9.771	2615	2622	2634	rVB7	4765	8716	0.03%	0.010%
46	10.009	2687	2696	2703	rBV5	7383	12767	0.04%	0.015%
47	10.118	2721	2730	2744	rVB3	12704	25049	0.07%	0.029%
48	10.272	2761	2778	2797	rBV	2782349	4551578	13.20%	5.298%
49	10.359	2797	2805	2825	rVB4	57457	118338	0.34%	0.138%
50	10.510	2841	2852	2859	rBV5	23893	48043	0.14%	0.056%
51	10.558	2859	2867	2876	rVV2	75849	117561	0.34%	0.137%
52	10.668	2892	2901	2912	rVB7	35072	68836	0.20%	0.080%
53	10.771	2916	2933	2944	rBV	788953	1322565	3.84%	1.540%
54	10.909	2958	2976	2983	rBV8	93756	245031	0.71%	0.285%
55	10.951	2983	2989	2997	rVB	100461	146297	0.42%	0.170%
56	11.044	3006	3018	3036	rVB	4752196	8029472	23.29%	9.347%
57	11.131	3036	3045	3052	rVV	201135	301681	0.87%	0.351%
58	11.166	3053	3056	3061	rVV2	54101	61915	0.18%	0.072%
59	11.205	3061	3068	3075	rVV	176284	259589	0.75%	0.302%
60	11.246	3075	3081	3091	rVB	134549	200169	0.58%	0.233%
61	11.304	3091	3099	3104	rBV	27223	39324	0.11%	0.046%
62	11.346	3104	3112	3124	rVB	93040	140371	0.41%	0.163%
63	11.488	3145	3156	3167	rBV6	39921	82527	0.24%	0.096%
64	11.578	3177	3184	3192	rVB7	13602	20652	0.06%	0.024%
65	11.648	3192	3206	3218	rBV5	30497	66781	0.19%	0.078%
66	11.722	3218	3229	3237	rBV	49318	77492	0.22%	0.090%
67	11.825	3246	3261	3277	rVB	1302107	2109381	6.12%	2.455%
68	11.909	3277	3287	3299	rVB4	43514	65303	0.19%	0.076%
69	12.108	3330	3349	3364	rBV2	193542	324414	0.94%	0.378%
70	12.205	3364	3379	3397	rBV	1186035	1977567	5.74%	2.302%
71	12.433	3443	3450	3458	rBV7	6544	9132	0.03%	0.011%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

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\SOMULM043020WMA.M
Title : VOC Analysis

72	12.507	3466	3473	3477	rBV6	5013	5989	0.02%	0.007%
73	12.578	3486	3495	3496	rBV7	8295	9990	0.03%	0.012%
74	12.626	3503	3510	3517	rVB5	13381	17312	0.05%	0.020%
75	12.690	3519	3530	3537	rBV6	10702	23301	0.07%	0.027%
76	12.799	3558	3564	3571	rVB3	7811	11935	0.03%	0.014%
77	12.886	3578	3591	3603	rBV	133405	223742	0.65%	0.260%
78	12.963	3604	3615	3618	rBV7	30204	53304	0.15%	0.062%
79	13.053	3639	3643	3649	rVB7	6250	7552	0.02%	0.009%
80	13.169	3674	3679	3688	rVB6	14951	21973	0.06%	0.026%
81	13.279	3706	3713	3728	rVV9	18812	39811	0.12%	0.046%
82	13.349	3728	3735	3744	rVB9	11340	16855	0.05%	0.020%
83	13.475	3764	3774	3785	rVB6	10853	21232	0.06%	0.025%
84	13.542	3785	3795	3802	rBV6	4310	7676	0.02%	0.009%
85	13.648	3821	3828	3840	rVB6	3517	5841	0.02%	0.007%
86	13.748	3849	3859	3870	rBV4	8495	15407	0.04%	0.018%
87	13.812	3873	3879	3886	rVV5	4391	6216	0.02%	0.007%
88	13.864	3887	3895	3903	rVV9	7371	12793	0.04%	0.015%
89	13.941	3907	3919	3921	rVV5	10047	17111	0.05%	0.020%
90	13.967	3922	3927	3937	rVB3	21465	33135	0.10%	0.039%
91	14.111	3957	3972	3980	rBV3	10299	22045	0.06%	0.026%
92	14.198	3991	3999	4006	rBV10	15811	25354	0.07%	0.030%
93	14.320	4029	4037	4044	rBV8	4356	6485	0.02%	0.008%
94	14.513	4090	4097	4104	rBV9	3959	5995	0.02%	0.007%
95	14.703	4148	4156	4158	rBV7	3819	4609	0.01%	0.005%
96	14.799	4177	4186	4194	rVB9	12285	18263	0.05%	0.021%
97	14.918	4214	4223	4231	rVB7	7482	12539	0.04%	0.015%
98	15.066	4257	4269	4281	rBV9	5390	10059	0.03%	0.012%
99	15.455	4384	4390	4392	rBV5	4149	4562	0.01%	0.005%
100	15.835	4500	4508	4512	rBV9	4042	5927	0.02%	0.007%

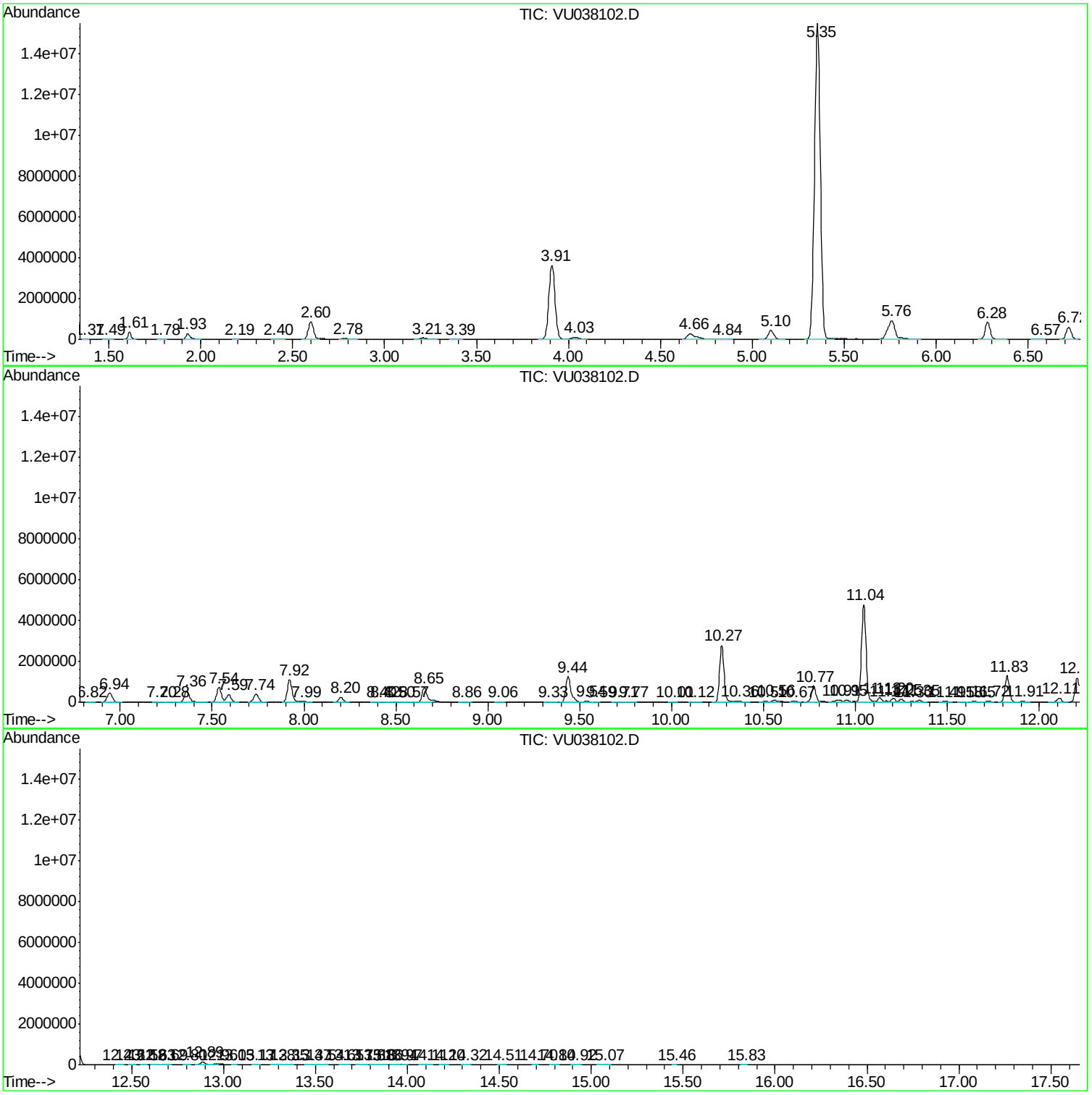
Sum of corrected areas: 85904839

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.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\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

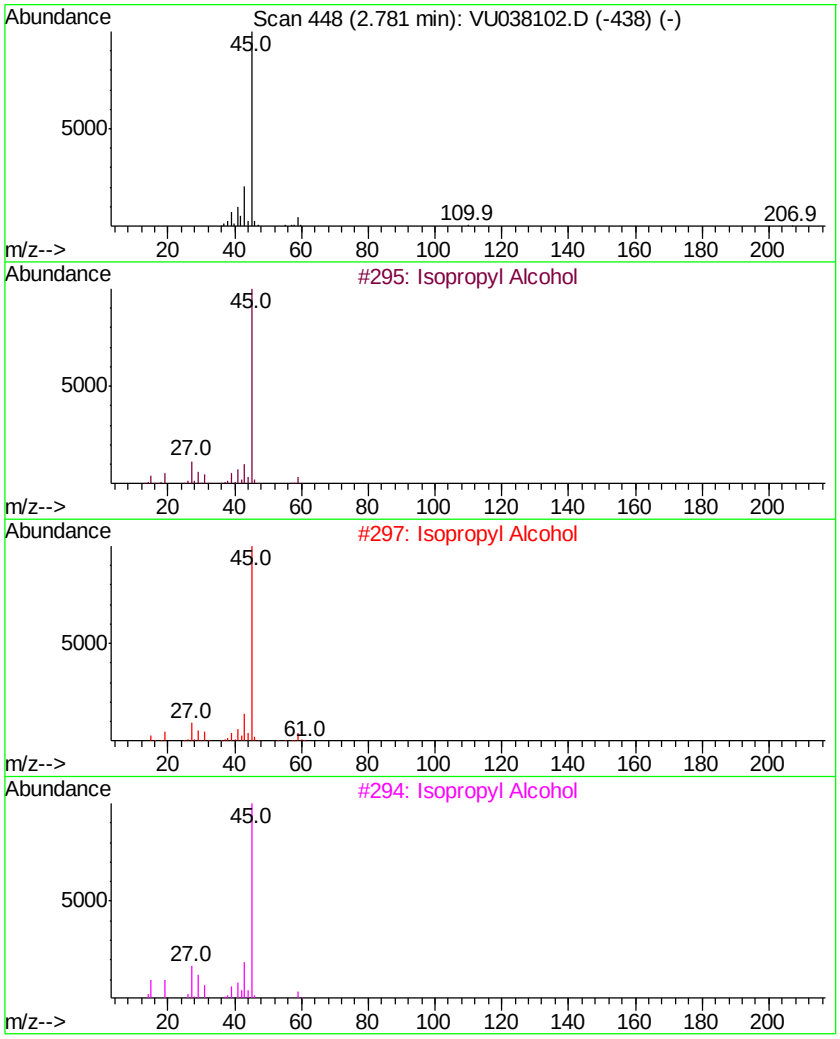
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

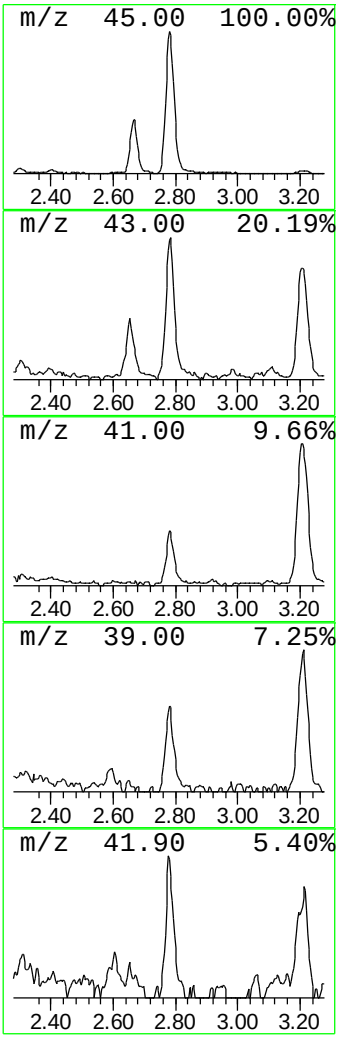
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	3.05 ug/L	100172	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

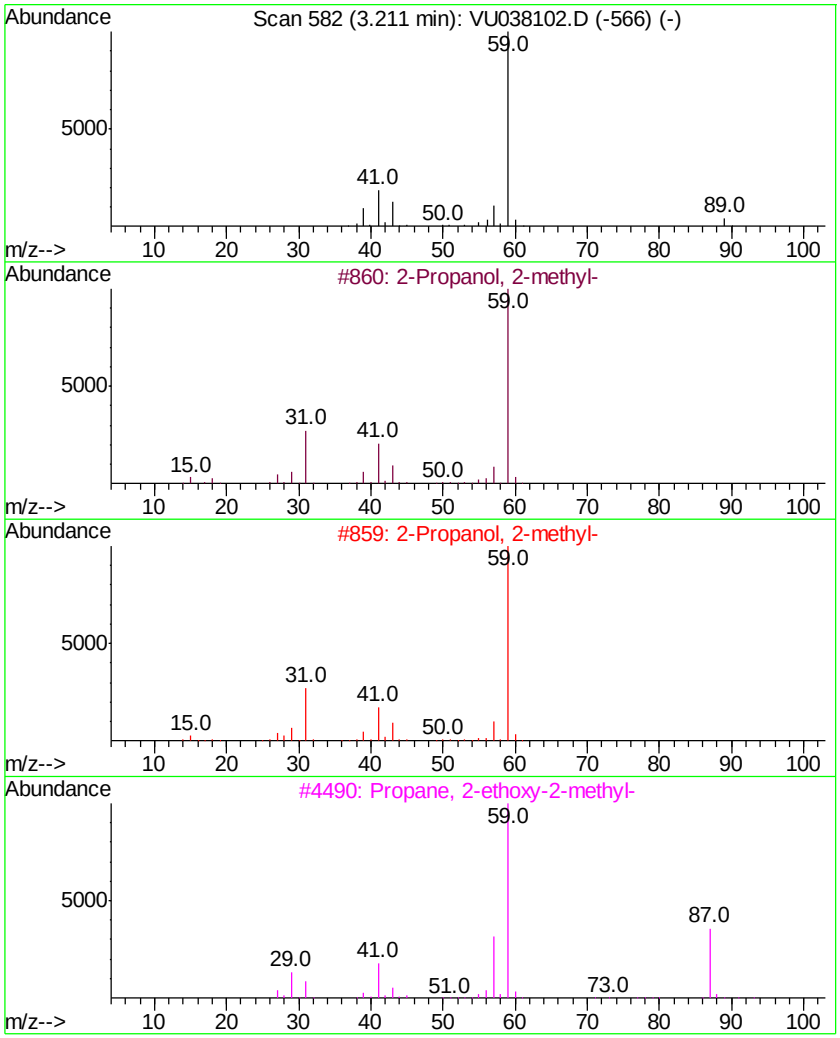
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

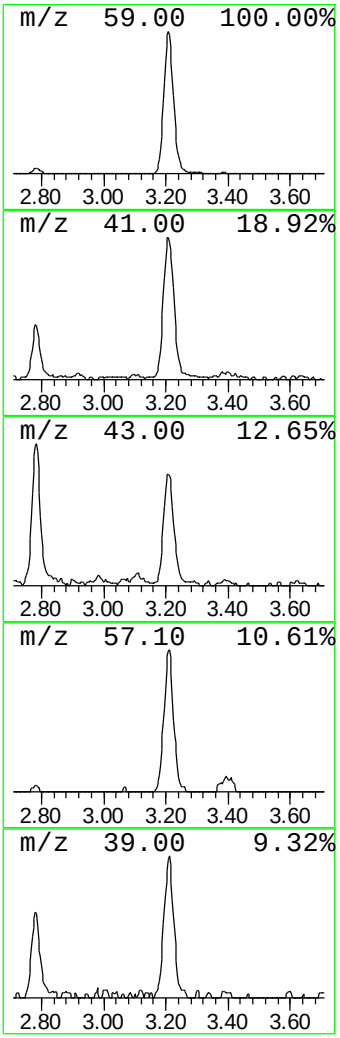
****

Peak Number 2 2-Propanol, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	4.93 ug/L	161888	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	72
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

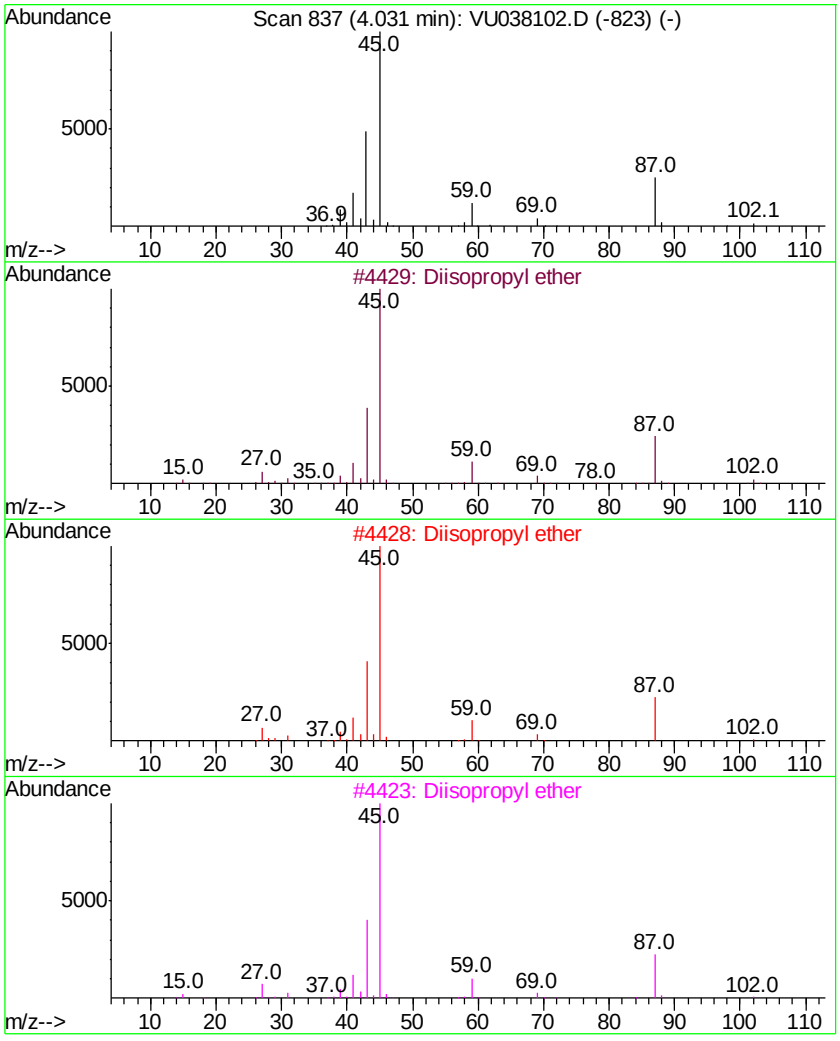
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

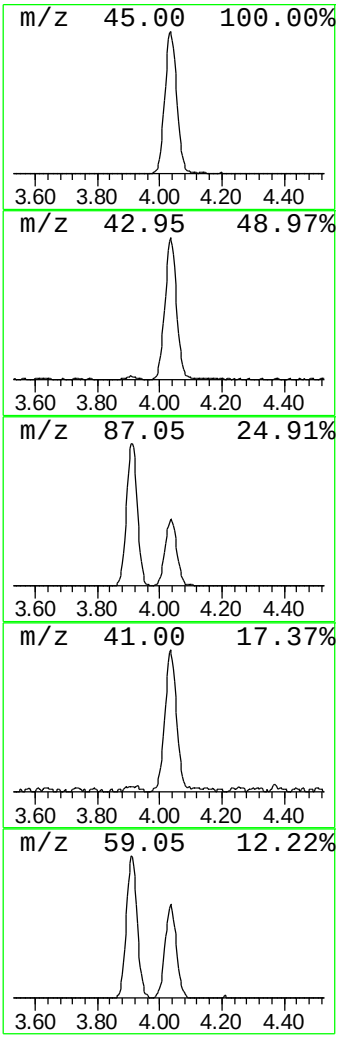
****

Peak Number 3 Diisopropyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	8.08 ug/L	264924	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

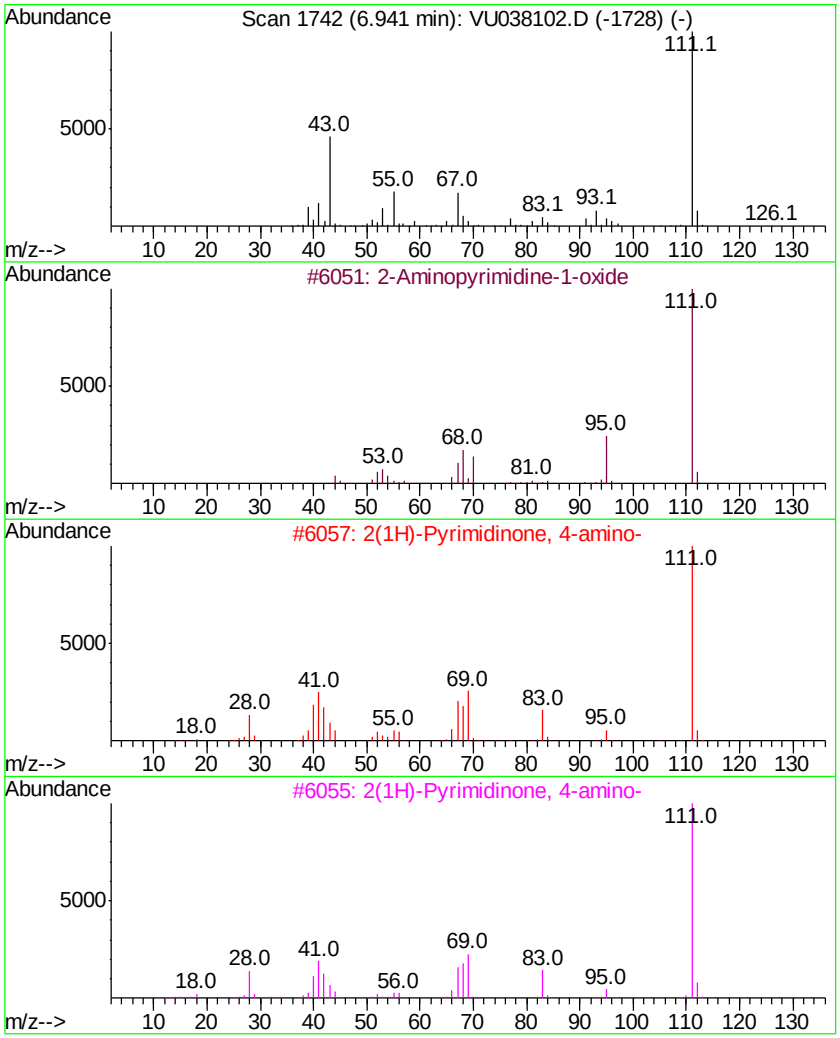
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

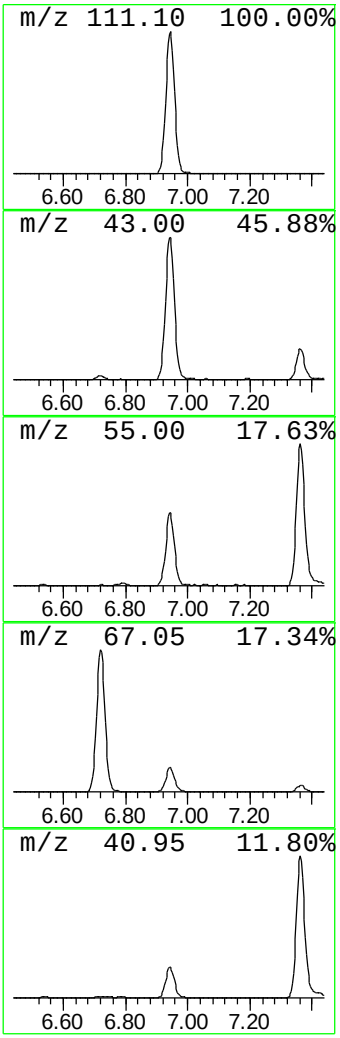
****

Peak Number 4 2-Aminopyrimidine-1-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	26.38 ug/L	865449	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	64
2	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	64
3	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	64
4	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	59
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

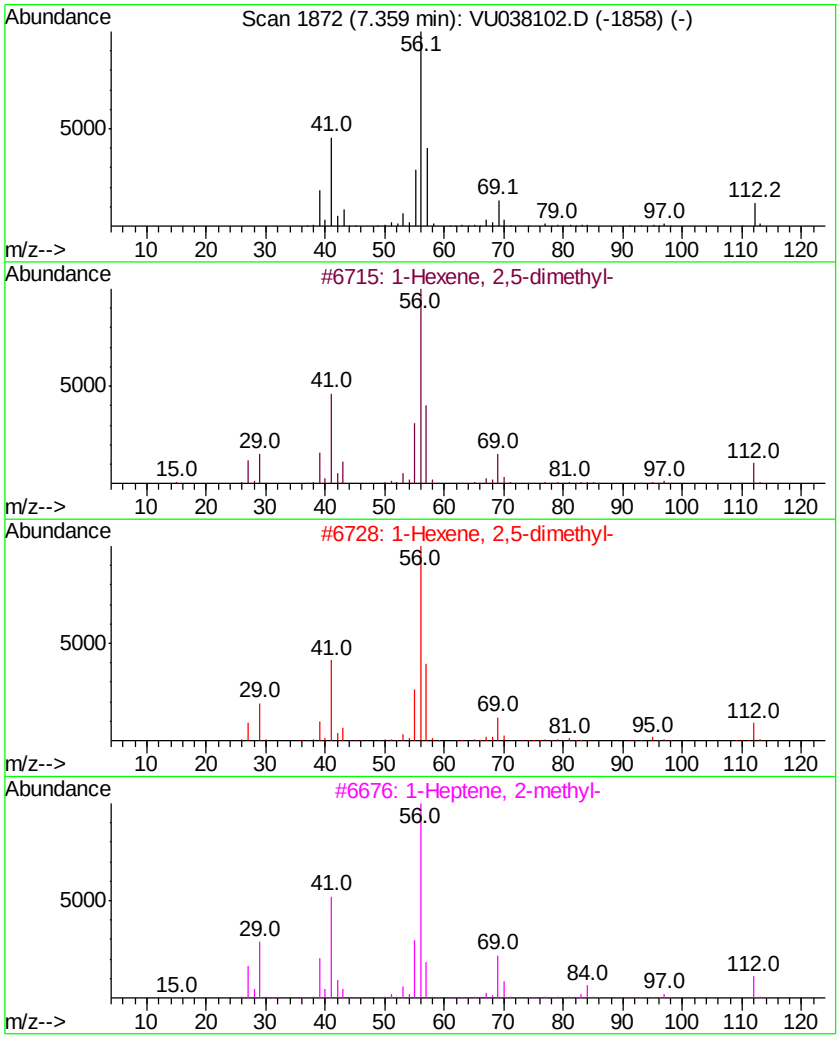
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

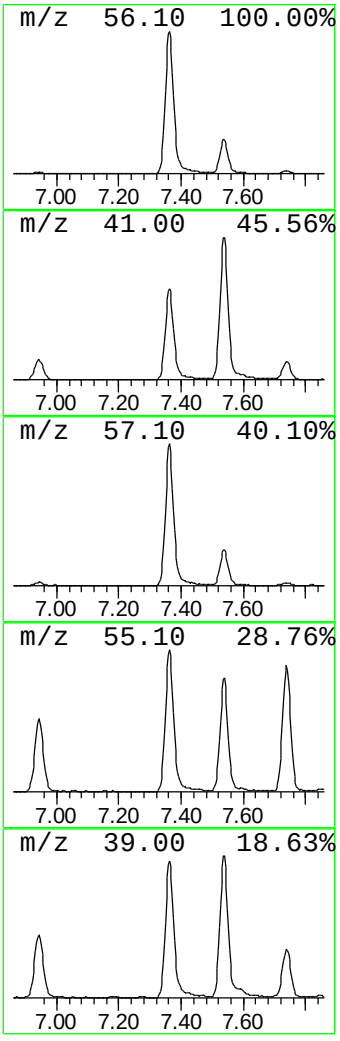
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	32.76 ug/L	1074680	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	91
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	90
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	56
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	50
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

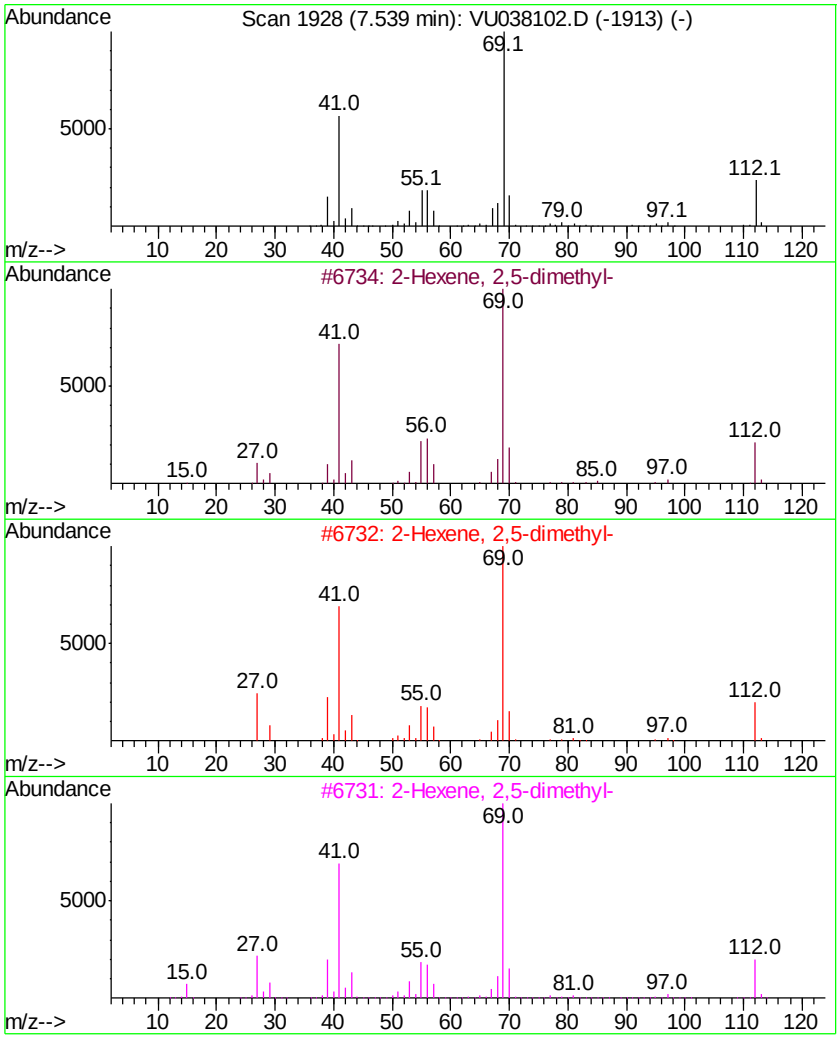
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

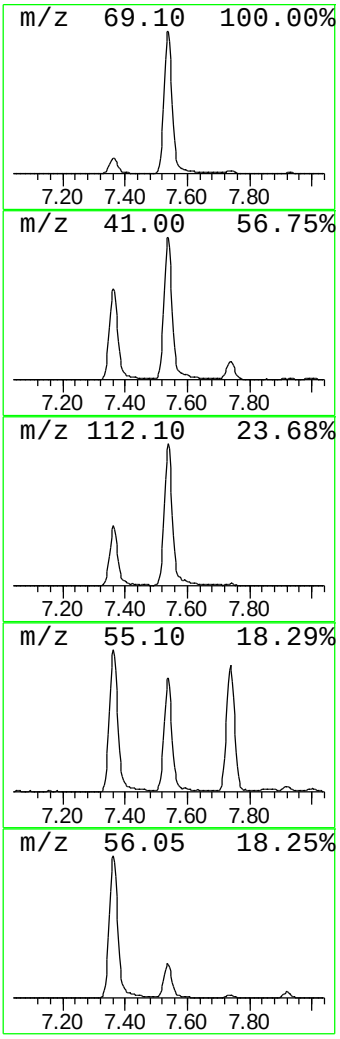
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	39.11 ug/L	1282920	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	94
2	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	91
3	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	91
4	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	91
5	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

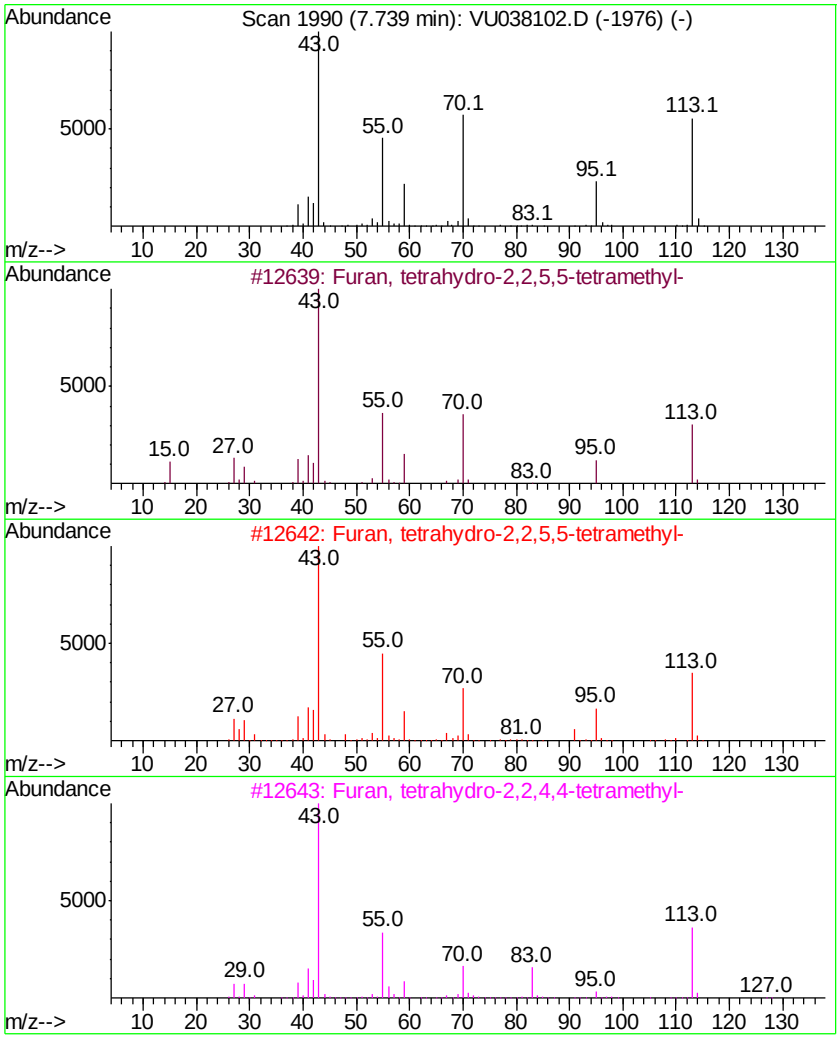
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

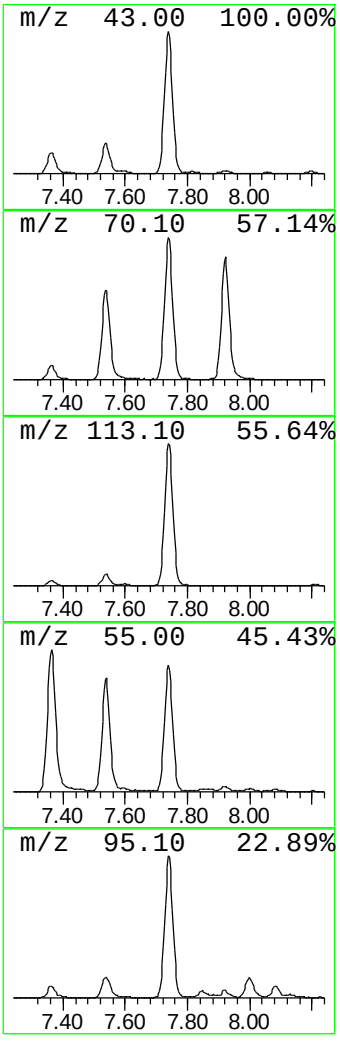
****

Peak Number 8 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	21.89 ug/L	718002	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	72
3	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
4	Ethosuximide	141	C7H11NO2	000077-67-8	43
5	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

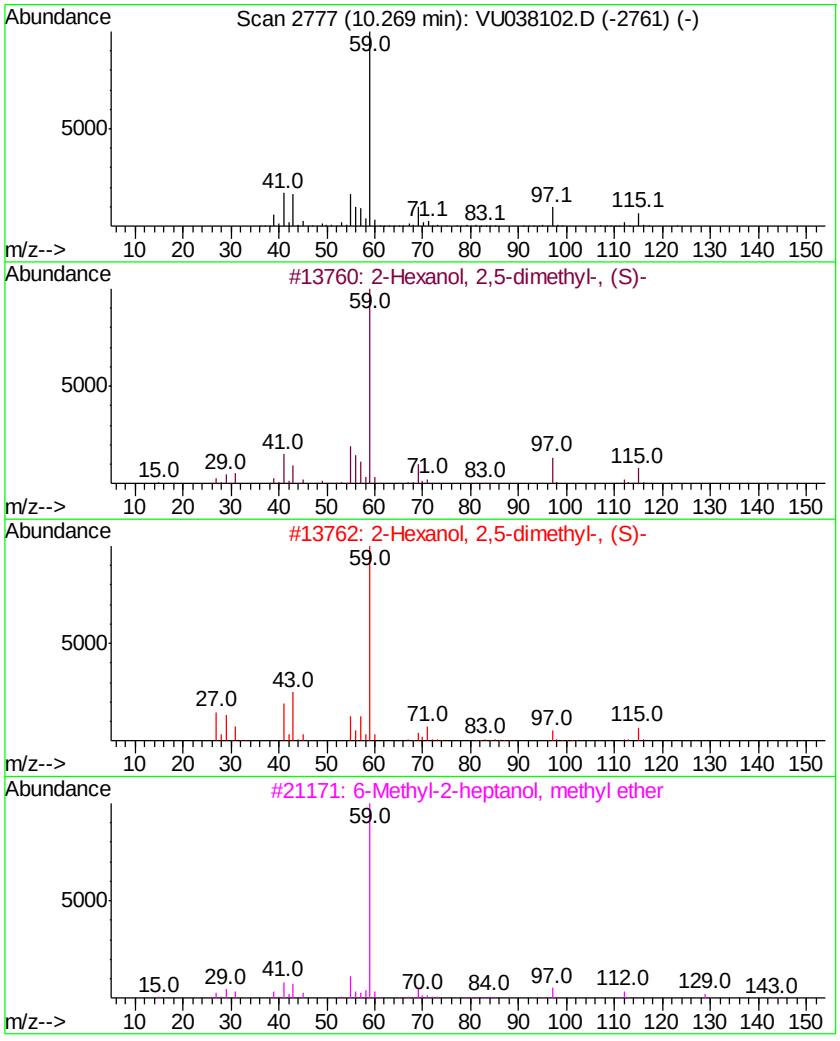
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

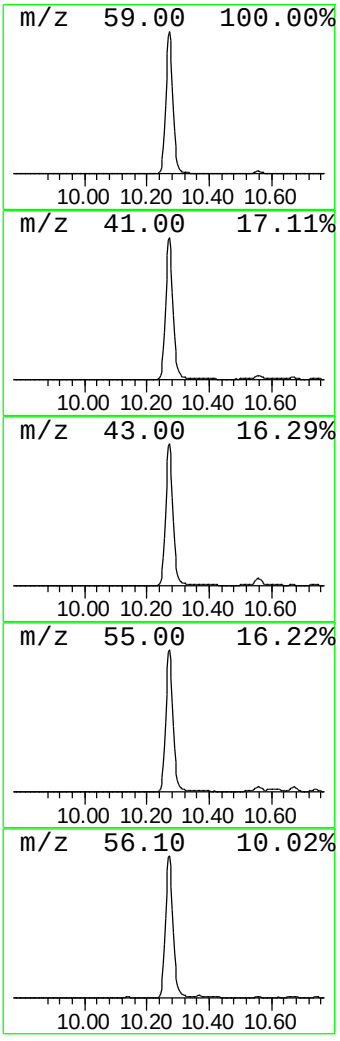
****

Peak Number 9 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	93.32 ug/L	4551580	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	90
2	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	78
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	59
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
5	2-Hydroxy-2,4-dimethyl-3-pentanone	130	C7H14O2	003212-67-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

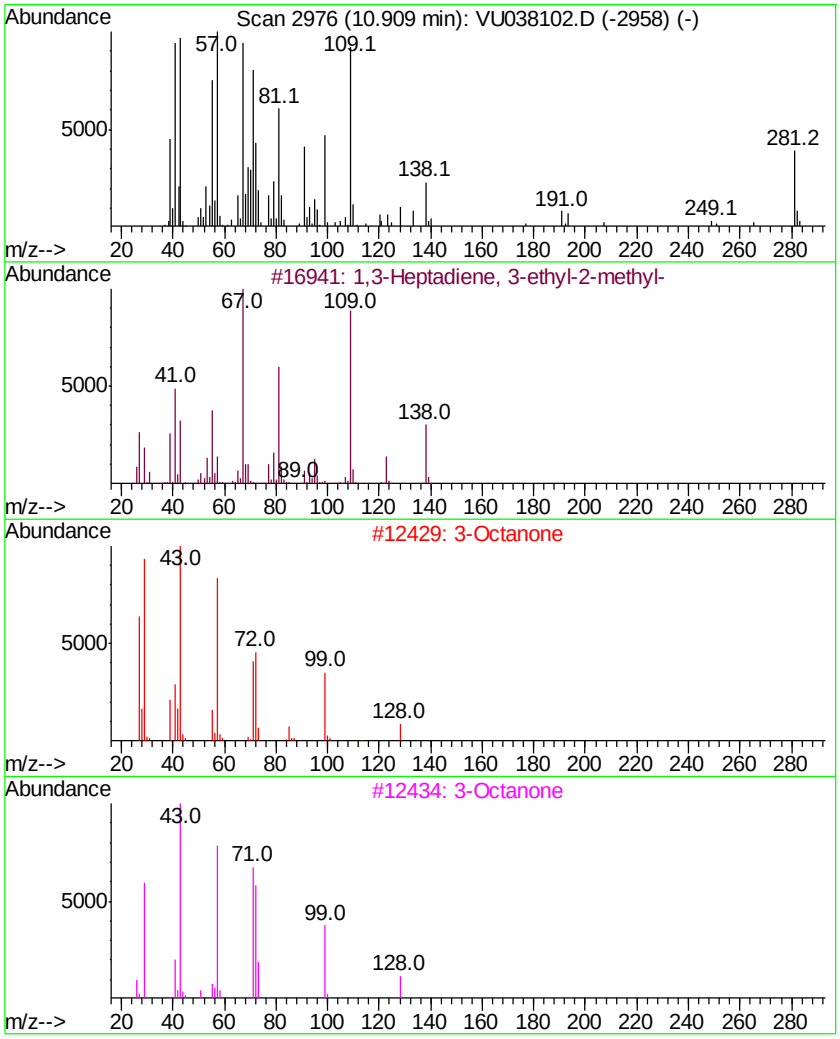
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

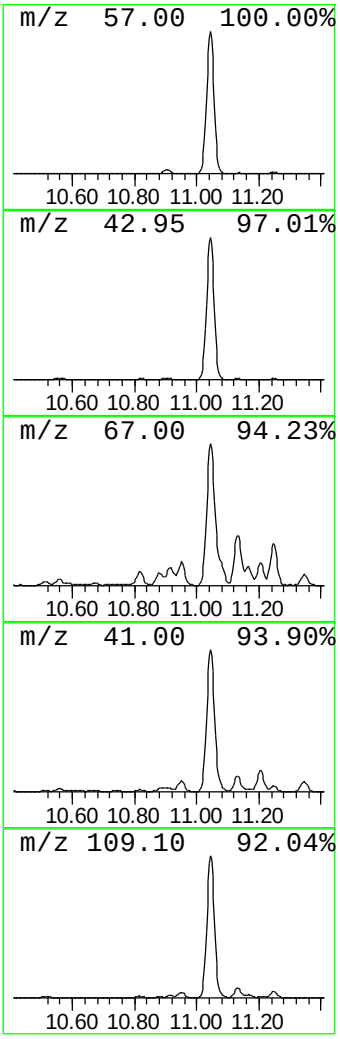
****

Peak Number 10 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	5.81 ug/L	245031	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Heptadiene, 3-ethyl-2-methyl-	138	C10H18	061142-35-6	35
2	3-Octanone	128	C8H16O	000106-68-3	18
3	3-Octanone	128	C8H16O	000106-68-3	18
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	18
5	1-Propanone, 1-(5-methyl-2-furan...	138	C8H10O2	010599-69-6	11





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

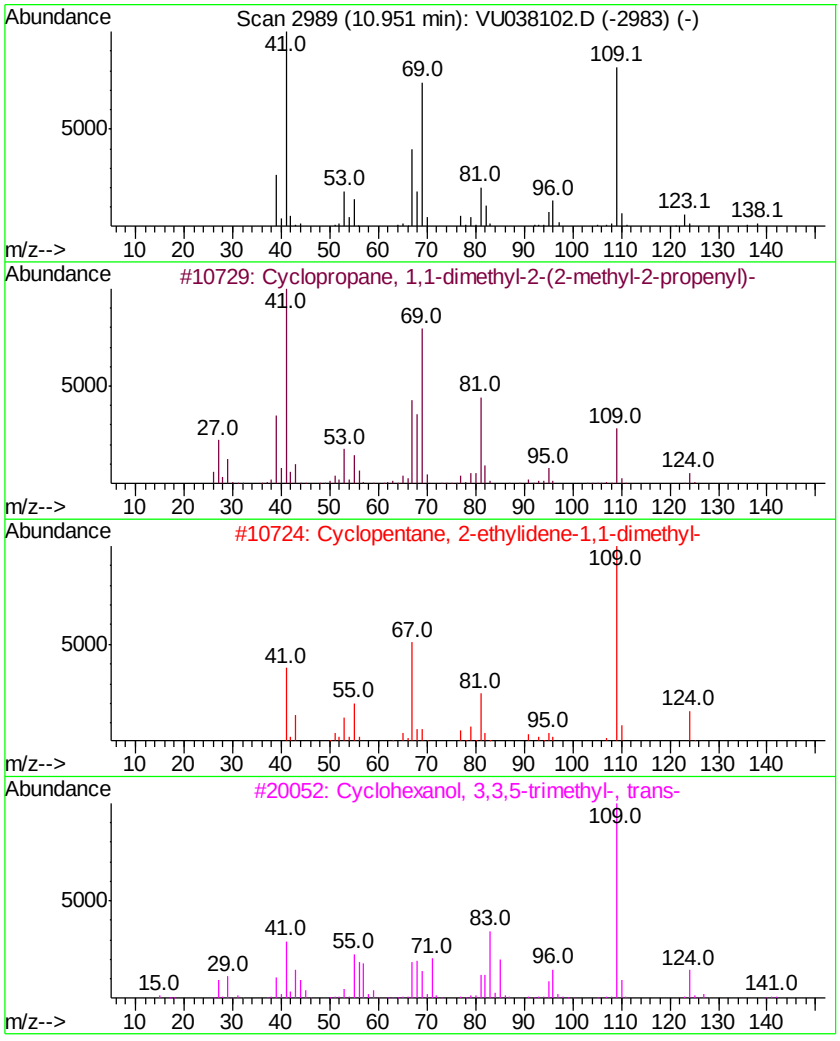
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

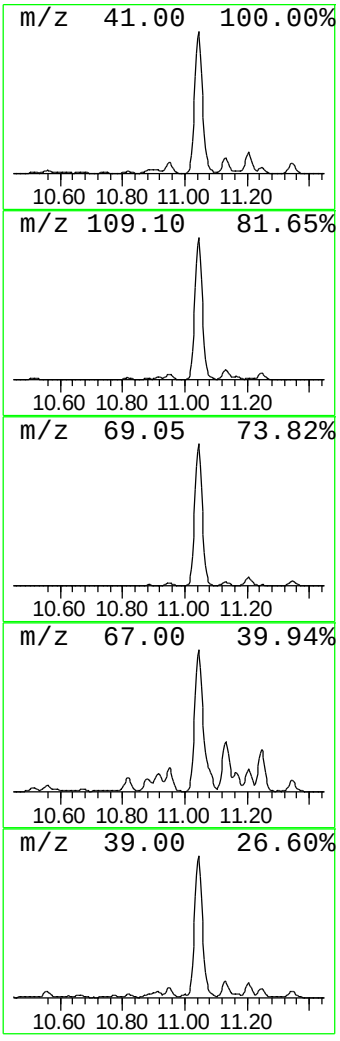
****

Peak Number 11 Cyclopropane, 1,1-dimethyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.47 ug/L	146297	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	78
2	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	38
3	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	37
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	37
5	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

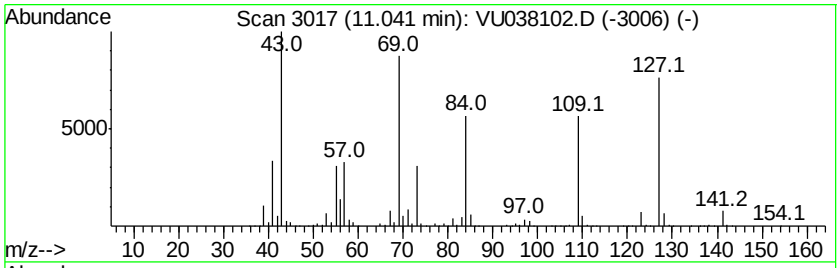
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

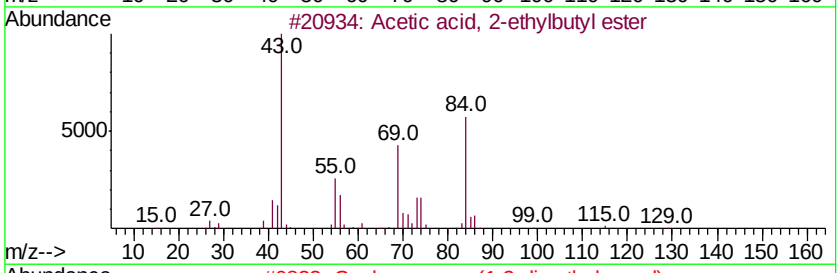
****

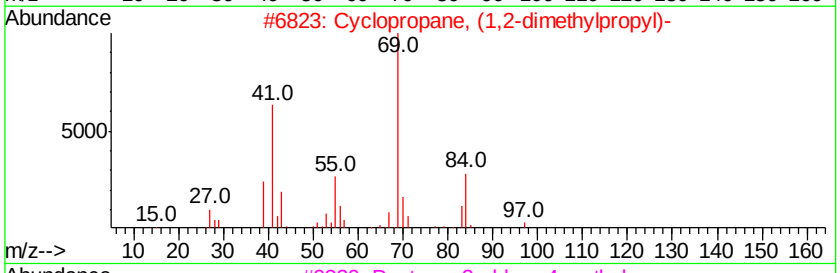
Peak Number 12 unknown-02 Concentration Rank 1

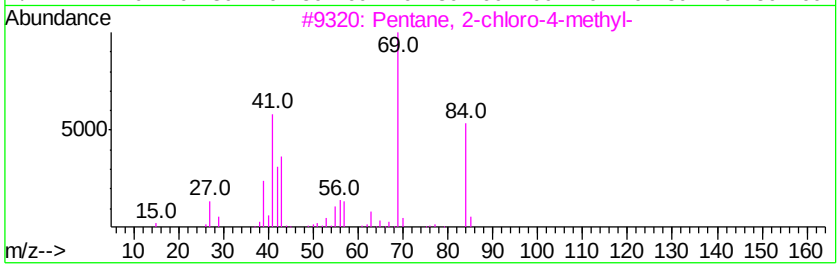
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	190.33 ug/L	8029470	1,4-Dichlorobenzene-d4	11.83

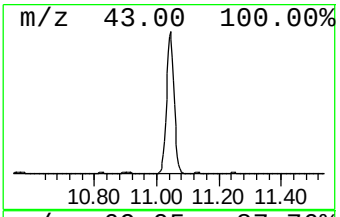
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylbutyl ester	144	C8H16O2	010031-87-5	32
2	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	27
3	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	27
4	1-Piperidinamine, N-[1-(ethylazo...	184	C9H20N4	059856-64-3	25
5	Formic acid, 4-methylpent-2-yl e...	130	C7H14O2	1000367-94-0	25

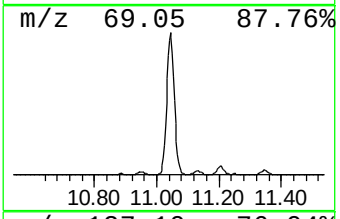


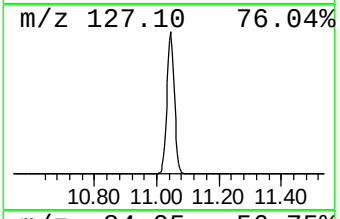


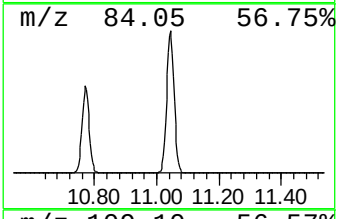


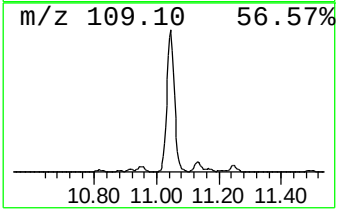












Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

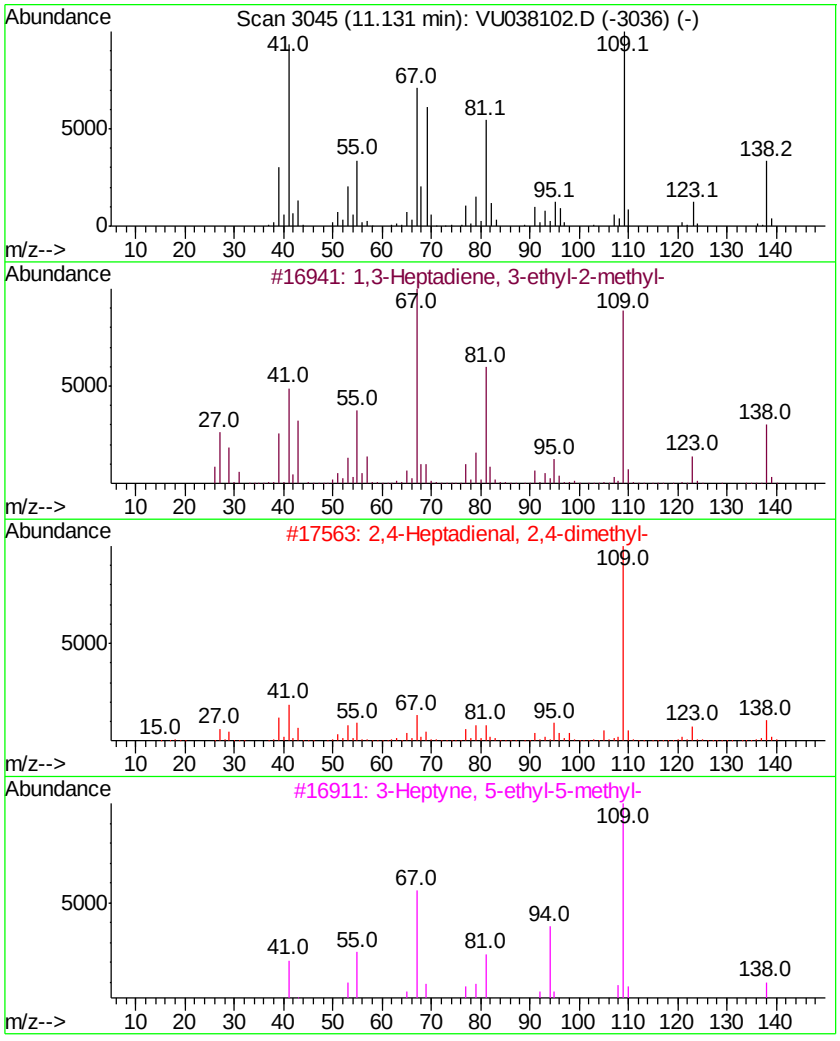
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

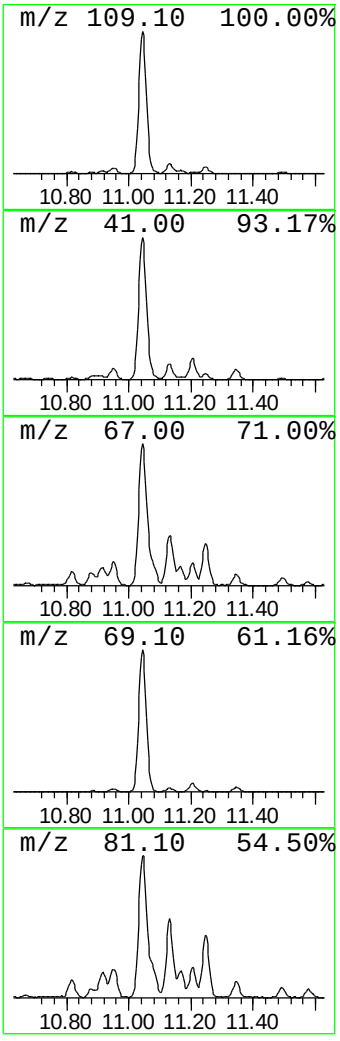
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,3-Heptadiene, 3-ethyl-2-m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.15 ug/L	301681	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Heptadiene, 3-ethyl-2-methyl-	138	C10H18	061142-35-6	74
2	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	72
3	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	59
4	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	52
5	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

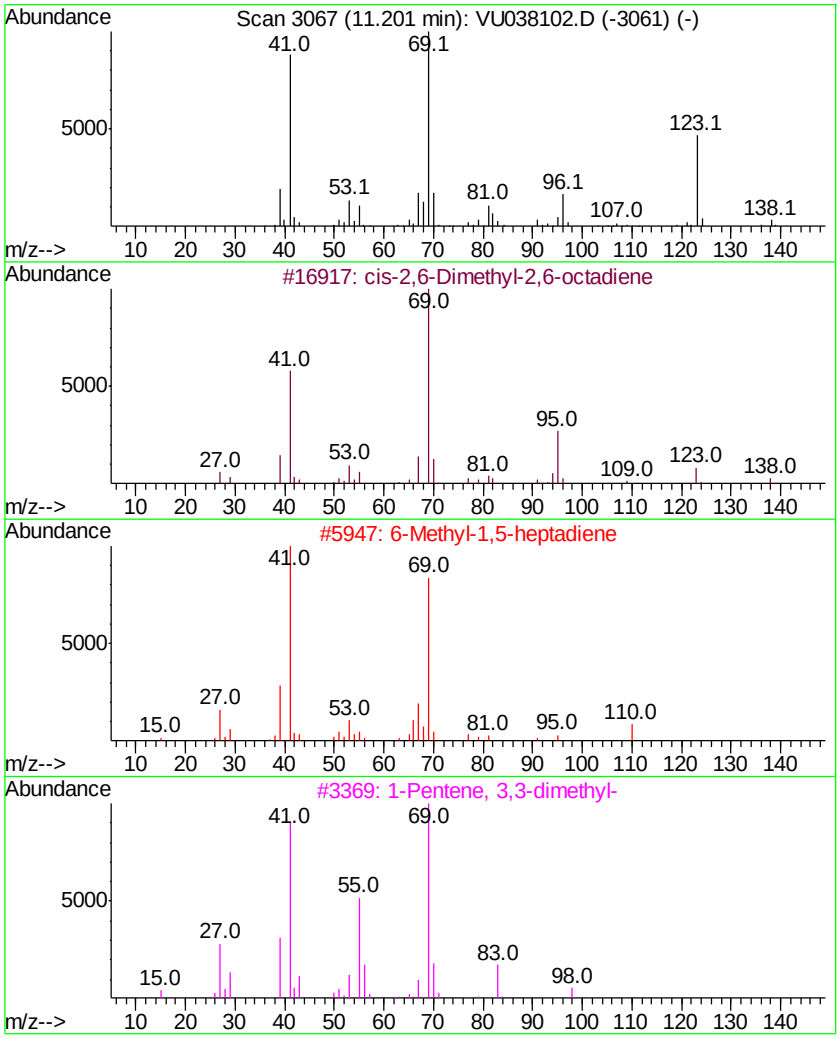
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

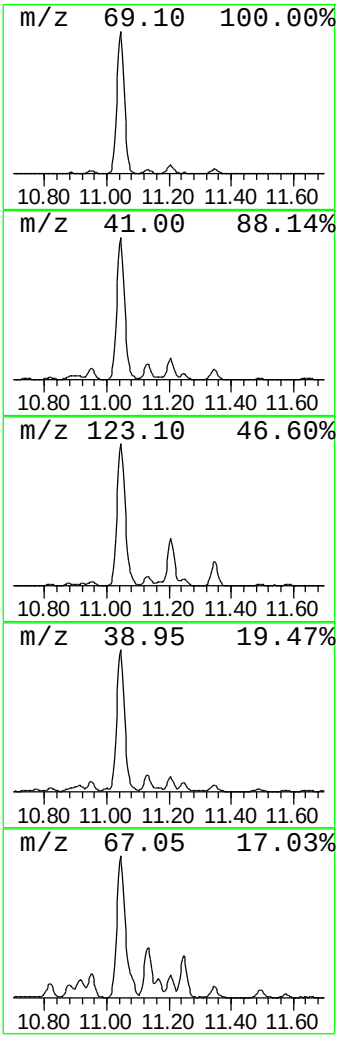
****

Peak Number 14 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	6.15 ug/L	259589	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	49
2	6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	47
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	43
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	43
5	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

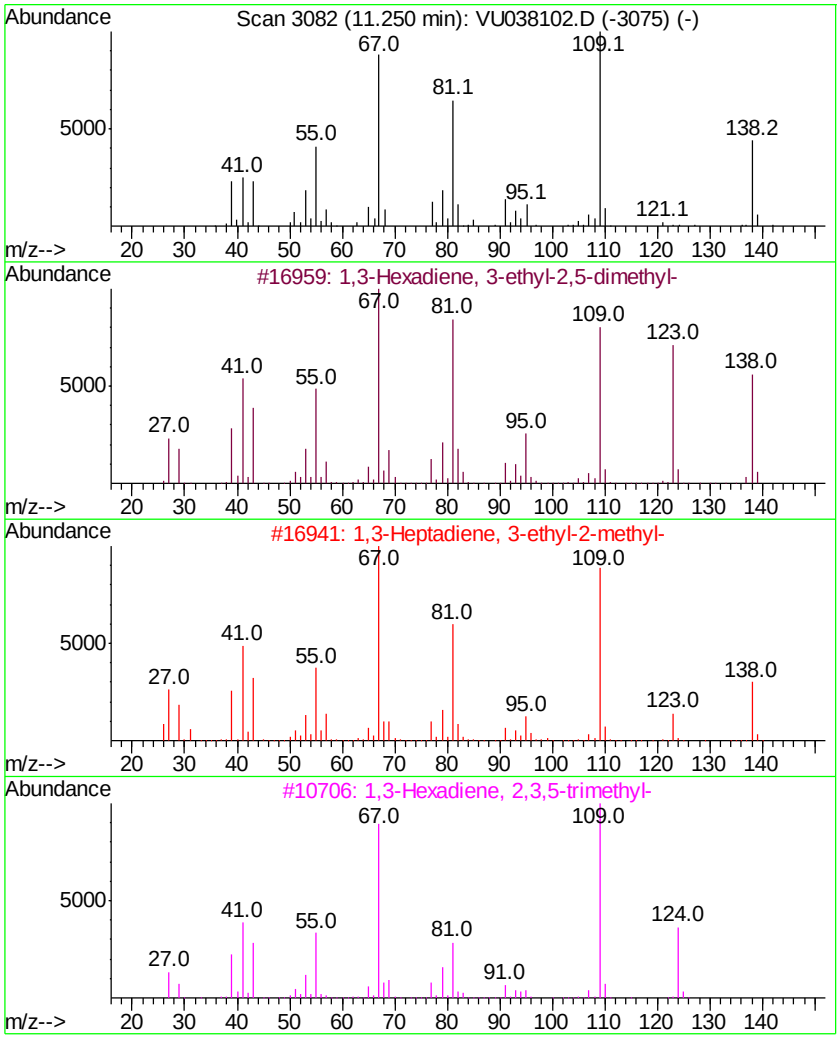
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

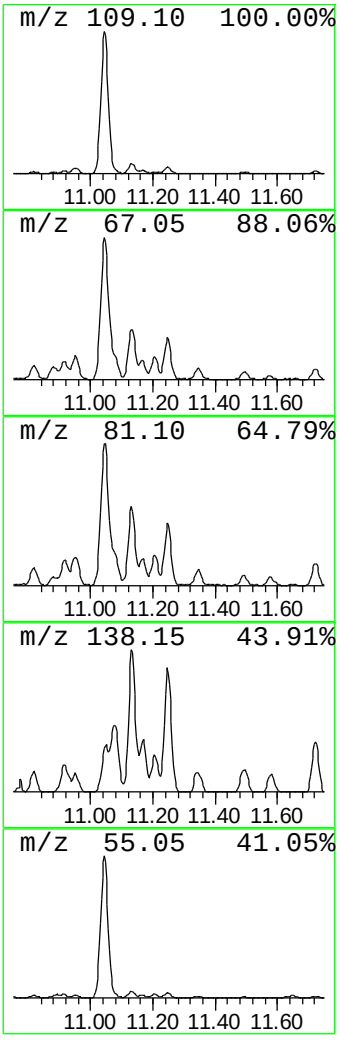
****

Peak Number 15 1,3-Hexadiene, 3-ethyl-2,5-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.74 ug/L	200169	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	68
2	1,3-Heptadiene, 3-ethyl-2-methyl-	138	C10H18	061142-35-6	64
3	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	59
4	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	59
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

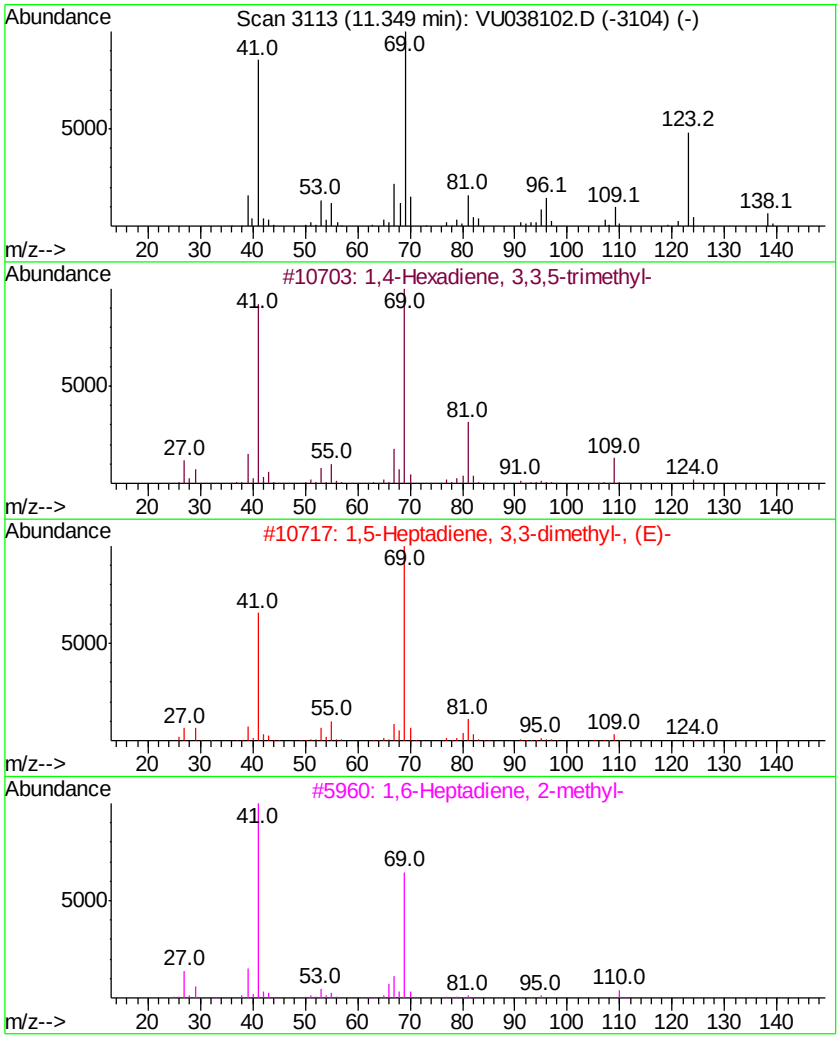
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

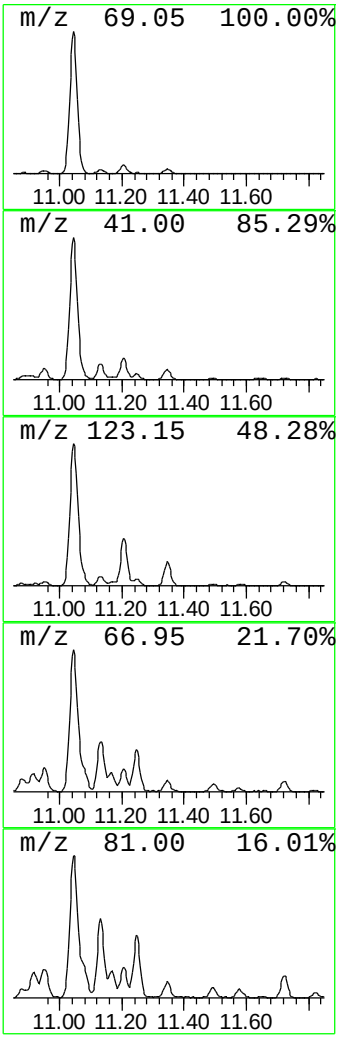
****

Peak Number 16 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.33 ug/L	140371	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	46
2	1,5-Heptadiene, 3,3-dimethyl-, (E)-	124	C9H16	067682-47-7	43
3	1,6-Heptadiene, 2-methyl-	110	C8H14	013643-06-6	43
4	1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	43
5	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

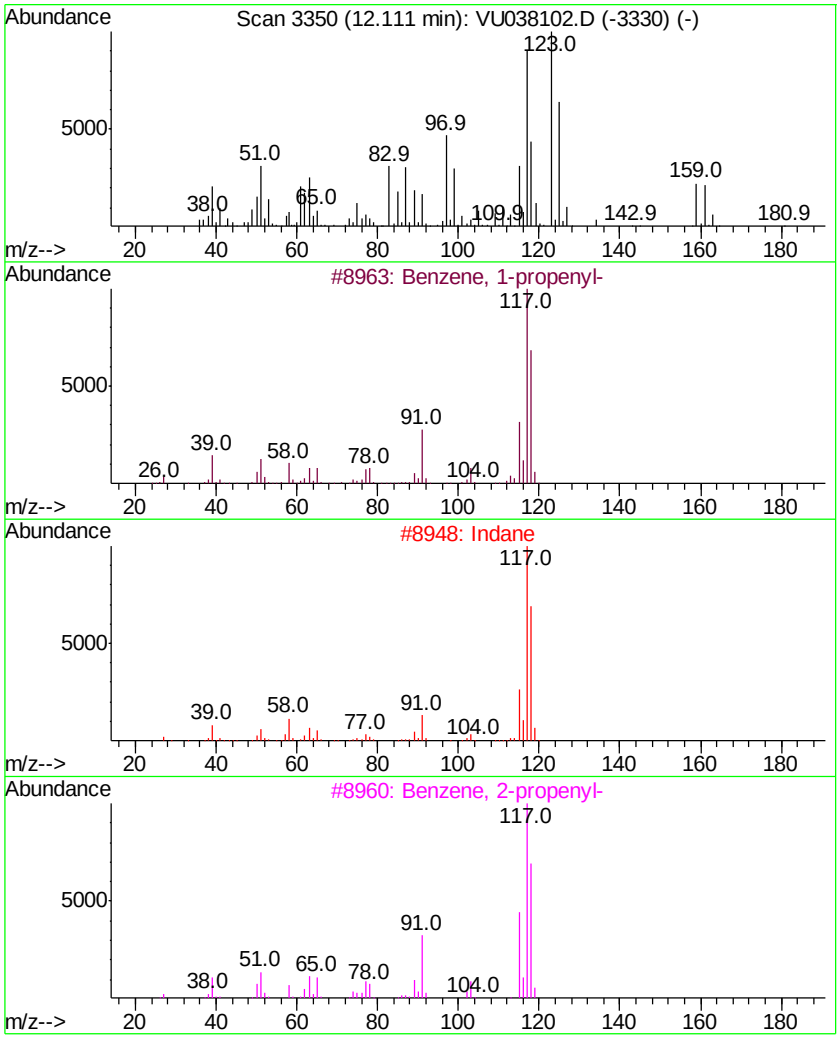
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

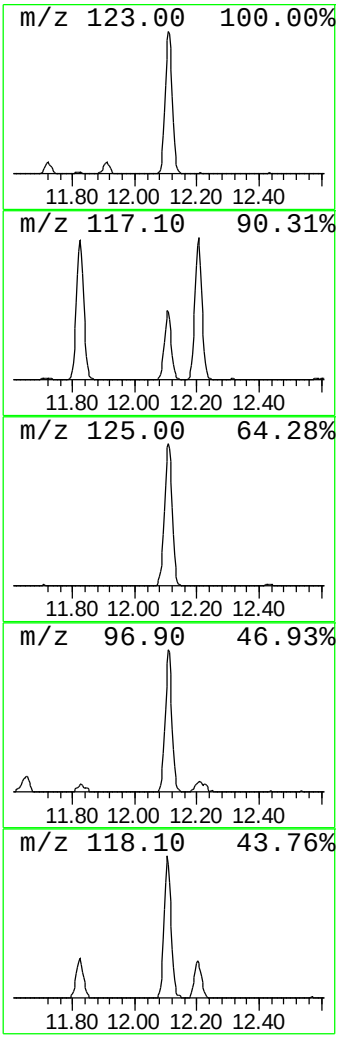
****

Peak Number 17 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.69 ug/L	324414	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	18
2	Indane	118	C9H10	000496-11-7	18
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	18
4	Deltacyclene	118	C9H10	007785-10-6	18
5	Indane	118	C9H10	000496-11-7	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

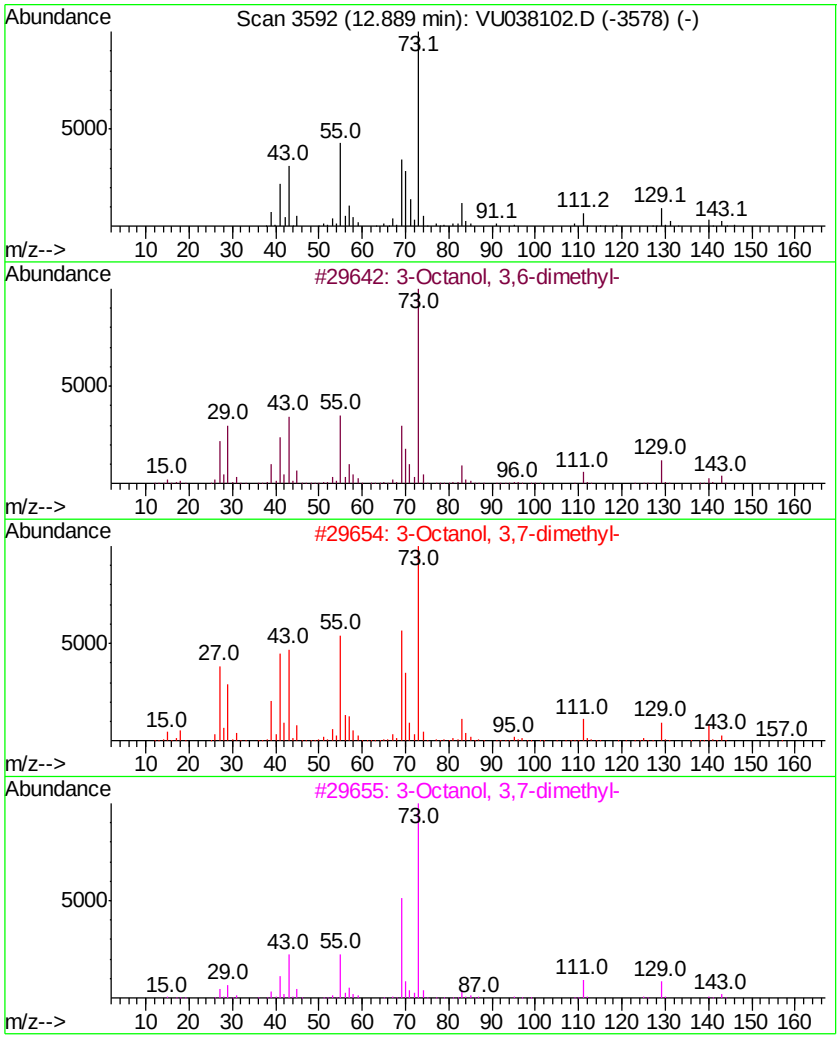
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

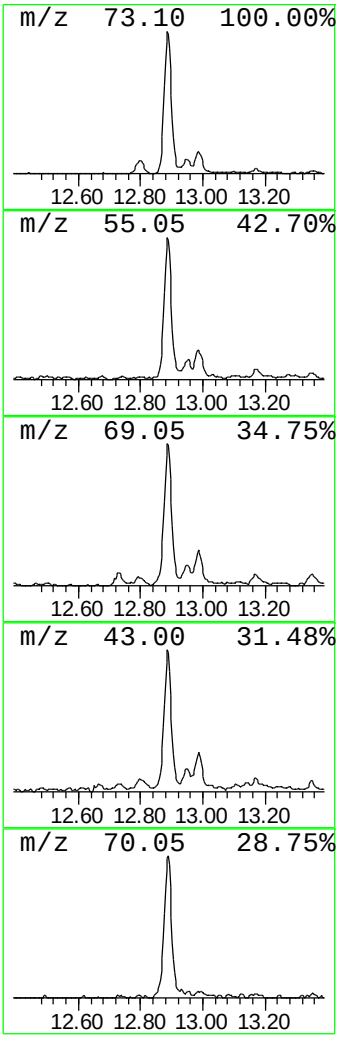
****

Peak Number 18 3-Octanol, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.30 ug/L	223742	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	72
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	45
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	35
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038102.D
Acq On : 11 May 2020 13:45
Operator : JC/MD
Sample : L2578-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.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
Isopropyl Alcohol	2.78	3.0	ug/L	100172	1	6.28	1640260	50.0
2-Propanol, 2-met...	3.21	4.9	ug/L	161888	1	6.28	1640260	50.0
Diisopropyl ether	4.03	8.1	ug/L	264924	1	6.28	1640260	50.0
2-Aminopyrimidine...	6.94	26.4	ug/L	865449	1	6.28	1640260	50.0
(DEL) Alkane: Str...	7.36	32.8	ug/L	1074680	1	6.28	1640260	50.0
(DEL) Alkane: Str...	7.54	39.1	ug/L	1282920	1	6.28	1640260	50.0
Furan, tetrahydro...	7.74	21.9	ug/L	718002	1	6.28	1640260	50.0
2-Hexanol, 2,5-di...	10.27	93.3	ug/L	4551580	2	9.44	2438670	50.0
unknown-01	10.91	5.8	ug/L	245031	3	11.83	2109380	50.0
Cyclopropane, 1,1...	10.95	3.5	ug/L	146297	3	11.83	2109380	50.0
unknown-02	11.04	190.3	ug/L	8029470	3	11.83	2109380	50.0
1,3-Heptadiene, 3...	11.13	7.2	ug/L	301681	3	11.83	2109380	50.0
unknown-03	11.20	6.2	ug/L	259589	3	11.83	2109380	50.0
1,3-Hexadiene, 3-...	11.25	4.7	ug/L	200169	3	11.83	2109380	50.0
unknown-04	11.35	3.3	ug/L	140371	3	11.83	2109380	50.0
unknown-05	12.11	7.7	ug/L	324414	3	11.83	2109380	50.0
3-Octanol, 3,6-di...	12.89	5.3	ug/L	223742	3	11.83	2109380	50.0