LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	75	85	94	rBV2	220411	266238	11.43%	0.997%
2	1.932	176	184	198	rVB	179270	231827	9.96%	0.868%
3	2.398	319	329	351	rVB2	79328	156095	6.70%	0.585%
4	2.594	375	390	405	rBV	297896	487287	20.93%	1.825%
5	3.395	622	639	653	rVB3	23691	54162	2.33%	0.203%
6	3.912	785	800	818	rVB	54425	130105	5.59%	0.487%
7	4.337	911	932	952	rBV4	9552	27356	1.17%	0.102%
8	4.472	958	974	991	rBV4	8925	25208	1.08%	0.094%
9	4.572	991	1005	1022	rBV4	16191	41829	1.80%	0.157%
10	4.697	1022	1044	1090	rBV3	369394	1372239	58.93%	5.140%
11	5.102	1152	1170	1184	rBV	262475	588380	25.27%	2.204%
12	5.163	1184	1189	1206	rVB4	25789	58254	2.50%	0.218%
13	5.424	1256	1270	1281	rBV3	46414	103122	4.43%	0.386%
14	5.498	1281	1293	1310	rVB2	36983	83424	3.58%	0.312%
15	5.668	1337	1346	1356	rBV4	13889	25862	1.11%	0.097%
16	5.758	1356	1374	1383	rVV2	564554	1467053	63.00%	5.495%
17	5.809	1384	1390	1405	rVV	353535	707420	30.38%	2.650%
18	5.883	1407	1413	1425	rVV6	25159	52519	2.26%	0.197%
19	5.948	1427	1433	1445	rVV9	11150	23851	1.02%	0.089%
20	6.022	1445	1456	1477	rVB5	13051	31192	1.34%	0.117%
21	6.279	1520	1536	1561	rBV	466528	900335	38.66%	3.373%
22	6.536	1595	1616	1640	rBV2	219211	551304	23.67%	2.065%
23	6.719	1659	1673	1688	rBV	361123	708656	30.43%	2.655%
24	6.832	1701	1708	1720	rVB3	31397	57898	2.49%	0.217%
25	7.591	1930	1944	1959	rBV	192706	338687	14.54%	1.269%
26	7.922	2024	2047	2061	rBV	694811	1248478	53.61%	4.677%
27	7.993	2062	2069	2080	rVV	45728	82703	3.55%	0.310%
28	8.202	2120	2134	2145	rBV	124783	214605	9.22%	0.804%
29	8.263	2145	2153	2177	rVB5	15305	33403	1.43%	0.125%
30	8.510	2217	2230	2241	rBV	24675	43951	1.89%	0.165%
31	8.655	2262	2275	2315	rBV	1195788	2328718	100.00%	8.723%
32	8.983	2371	2377	2390	rVB10	11532	23579	1.01%	0.088%
33	9.079	2390	2407	2424	rBV10	10020	30694	1.32%	0.115%
34	9.349	2485	2491	2505	rVB10	14377	30805	1.32%	0.115%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

35	9.436	2505	2518	2523	rBV	663687	1185621	50.91%	4.441%
36	9.587	2556	2565	2568	rBV2	25222	35697	1.53%	0.134%
37	9.710	2590	2603	2615	rBV	572919	970723	41.68%	3.636%
38	9.777	2615	2624	2644	rVB	179629	313828	13.48%	1.176%
39	10.115	2714	2729	2748	rVB	209137	357058	15.33%	1.337%
40	10.501	2838	2849	2859	rBV2	24022	36979	1.59%	0.139%
41	10.581	2859	2874	2892	rBV	384002	654972	28.13%	2.453%
42	10.771	2922	2933	2945	rBV	296676	471229	20.24%	1.765%
43	10.893	2962	2971	2985	rVB4	126455	211335	9.08%	0.792%
44	11.009	2999	3007	3012	rBV	29475	48134	2.07%	0.180%
45	11.099	3026	3035	3045	rVB2	32792	50293	2.16%	0.188%
46	11.243	3072	3080	3089	rVB3	23171	34829	1.50%	0.130%
47	11.304	3089	3099	3108	rBV	68947	113044	4.85%	0.423%
48	11.401	3122	3129	3140	rBV2	26448	39874	1.71%	0.149%
49	11.478	3142	3153	3166	rVV	98486	164056	7.04%	0.615%
50	11.645	3191	3205	3220	rBV4	83706	192941	8.29%	0.723%
51	11.755	3232	3239	3248	rVB3	30969	44156	1.90%	0.165%
52	11.822	3248	3260	3280	rBV2	735148	1419913	60.97%	5.319%
53	11.906	3280	3286	3296	rVV	80236	133547	5.73%	0.500%
54	11.957	3297	3302	3312	rVB3	22531	35702	1.53%	0.134%
55	12.025	3317	3323	3330	rVB3	27716	40418	1.74%	0.151%
56	12.105	3331	3348	3358	rBV2	276678	488423	20.97%	1.830%
57	12.211	3367	3381	3399	rVB2	933875	2326698	99.91%	8.716%
58	12.391	3424	3437	3450	rVB5	42221	100991	4.34%	0.378%
59	12.478	3457	3464	3470	rBV3	20300	31530	1.35%	0.118%
60	12.555	3479	3488	3504	rVB2	131290	263591	11.32%	0.987%
61	12.697	3524	3532	3549	rBV3	59515	149187	6.41%	0.559%
62	12.838	3567	3576	3590	rBV3	185166	327750	14.07%	1.228%
63	12.989	3609	3623	3631	rBV	86768	149120	6.40%	0.559%
64	13.066	3633	3647	3659	rVB4	122584	290247	12.46%	1.087%
65	13.150	3662	3673	3689	rVB10	37546	99871	4.29%	0.374%
66	13.317	3717	3725	3737	rVB6	72135	126230	5.42%	0.473%
67	13.478	3765	3775	3789	rVB3	195489	345411	14.83%	1.294%
68	13.552	3790	3798	3804	rBV8	18416	31198	1.34%	0.117%
69	13.629	3812	3822	3834	rBV7	125225	243190	10.44%	0.911%
70	13.880	3887	3900	3909	rBV	274994	497930	21.38%	1.865%
71	13.983	3923	3932	3941	rBV	37512	93934	4.03%	0.352%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

72	14.105	3962	3970	3979	rBV3	22858	47528	2.04%	0.178%
73	14.227	4002	4008	4021	rVB6	16510	31782	1.36%	0.119%
74	14.597	4114	4123	4135	rVB	172135	269263	11.56%	1.009%
75	14.848	4193	4201	4219	rVB2	60173	131188	5.63%	0.491%
76	15.044	4247	4262	4270	rBV9	47448	119907	5.15%	0.449%
77	15.121	4273	4286	4297	rVV3	179529	339437	14.58%	1.271%
78	15.311	4338	4345	4356	rBV7	23604	41543	1.78%	0.156%
79	15.597	4426	4434	4447	rVB	68024	116813	5.02%	0.438%
80	15.851	4500	4513	4523	rBV4	55017	104471	4.49%	0.391%
81	16.147	4590	4605	4623	rVB	280579	492507	21.15%	1.845%
82	16.841	4811	4821	4844	rBV2	156400	309699	13.30%	1.160%
83	16.963	4852	4859	4869	rVB	28269	45040	1.93%	0.169%

Sum of corrected areas: 26696067

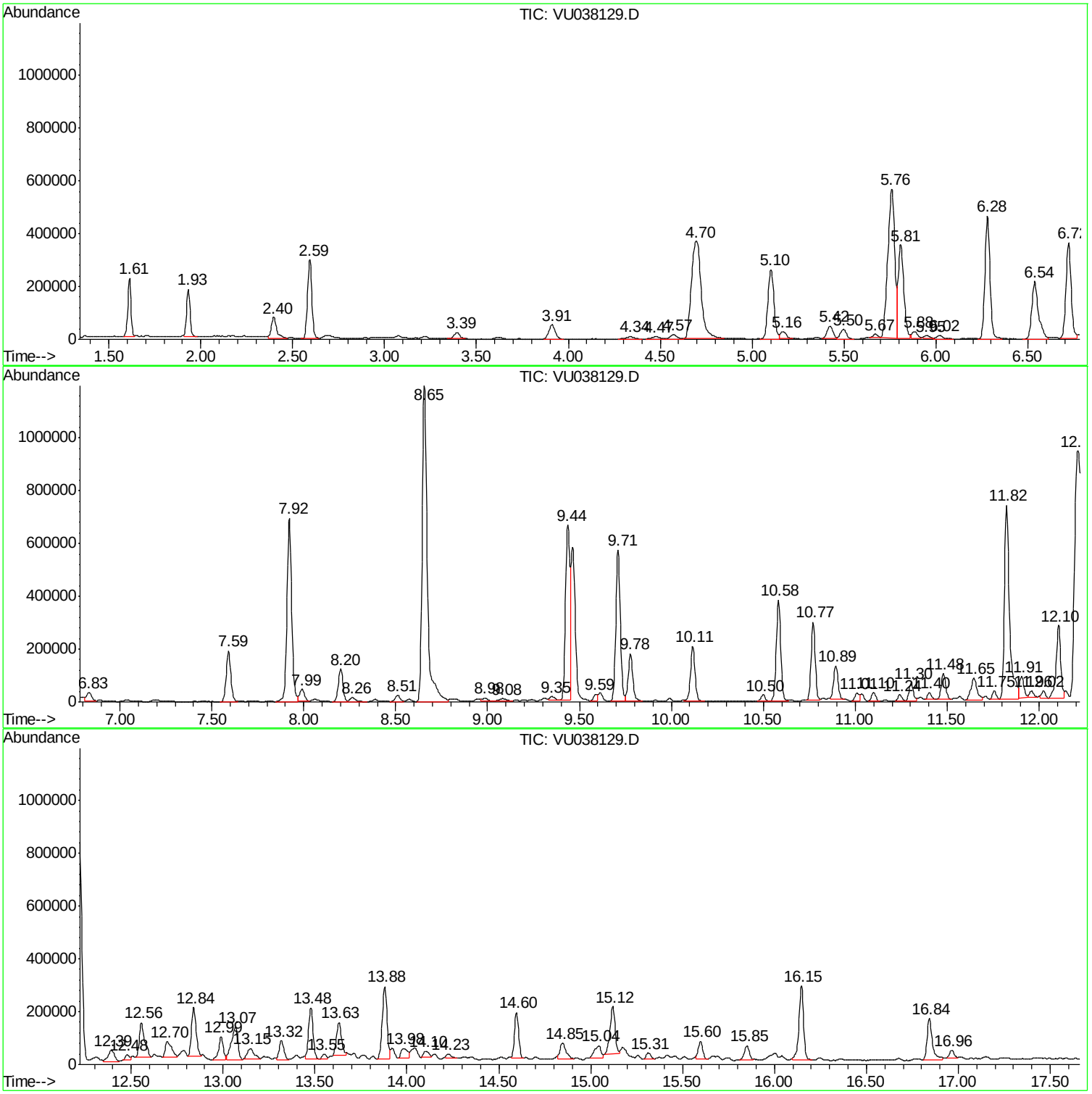
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

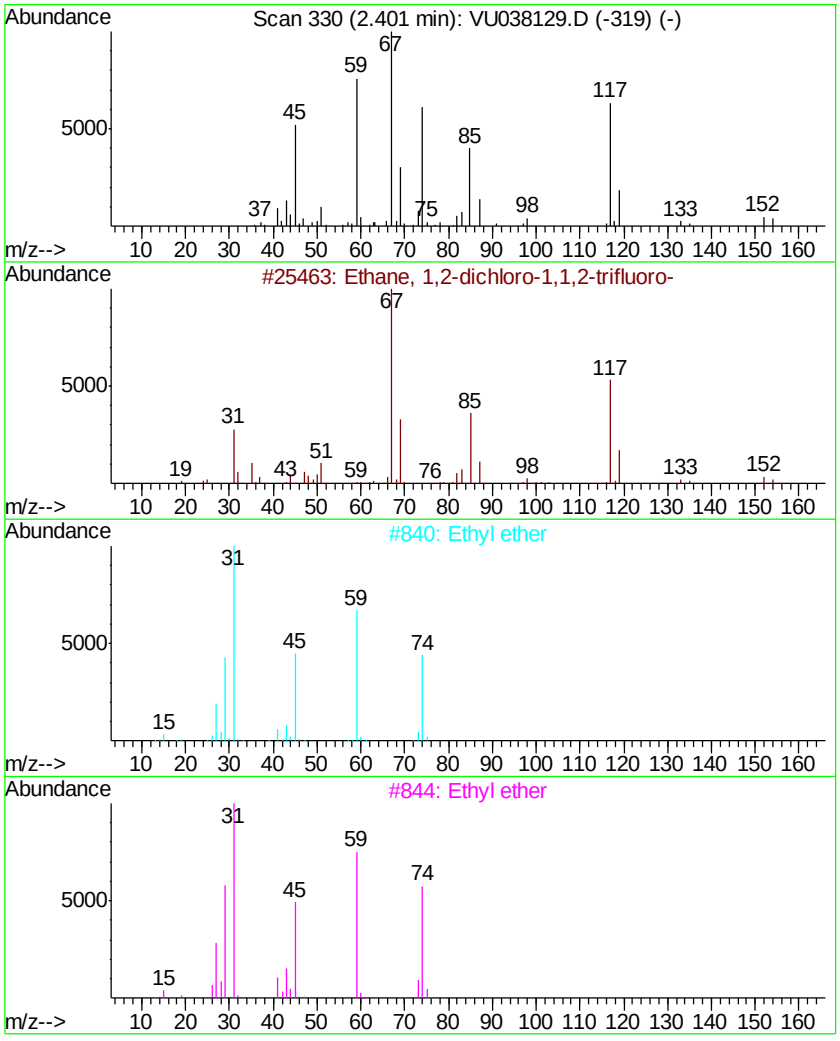
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

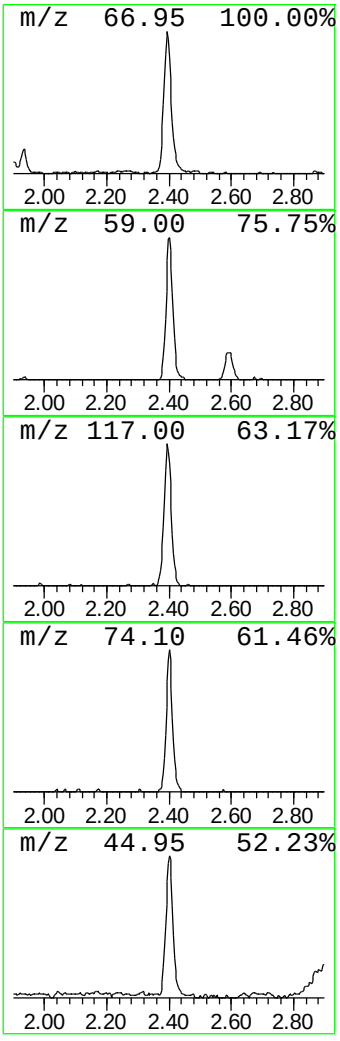
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	0.87 ug/L	156095	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	55
2	Ethyl ether	74	C4H10O	000060-29-7	30
3	Ethyl ether	74	C4H10O	000060-29-7	30
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	27
5	Ethyl ether	74	C4H10O	000060-29-7	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

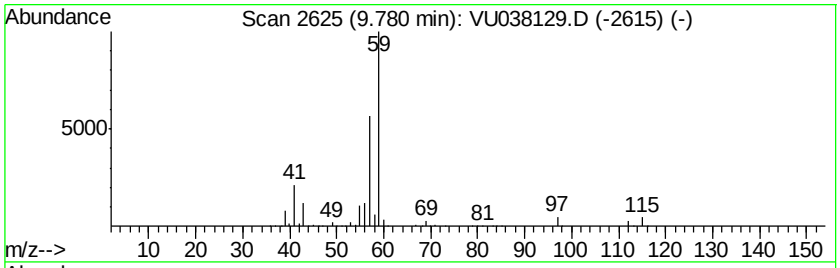
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

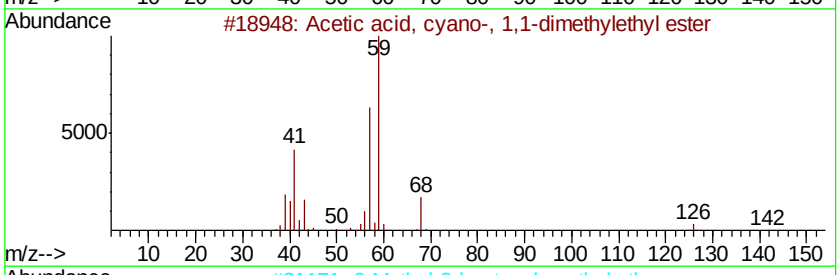
****

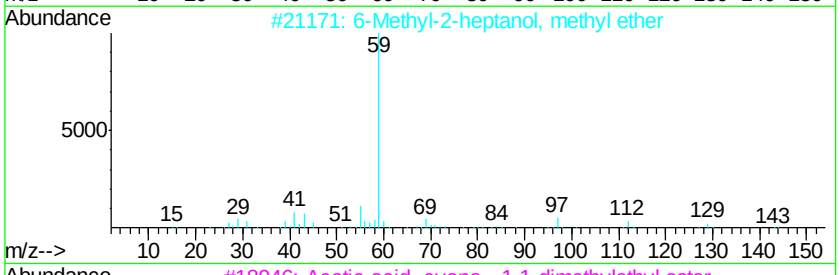
Peak Number 3 Acetic acid, cyano-, 1,1-di... Concentration Rank 5

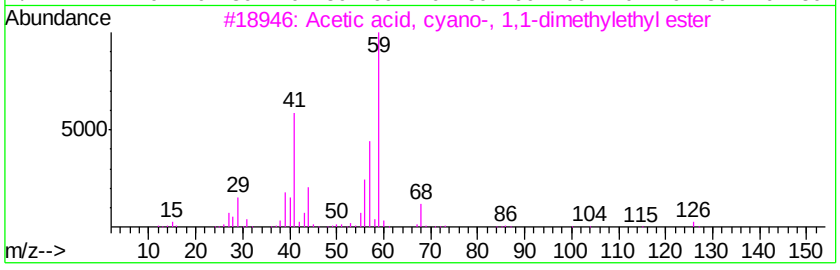
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	1.32 ug/L	313828	Chlorobenzene-d5	9.44

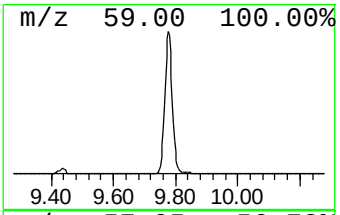
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	56
2	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	45
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	45
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	39
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	38

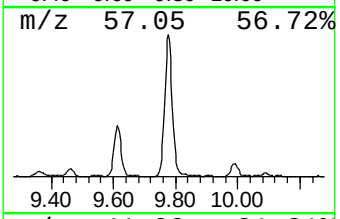


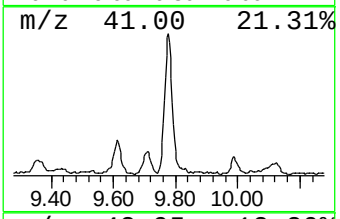


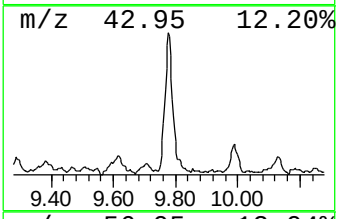


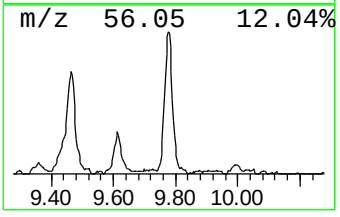












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

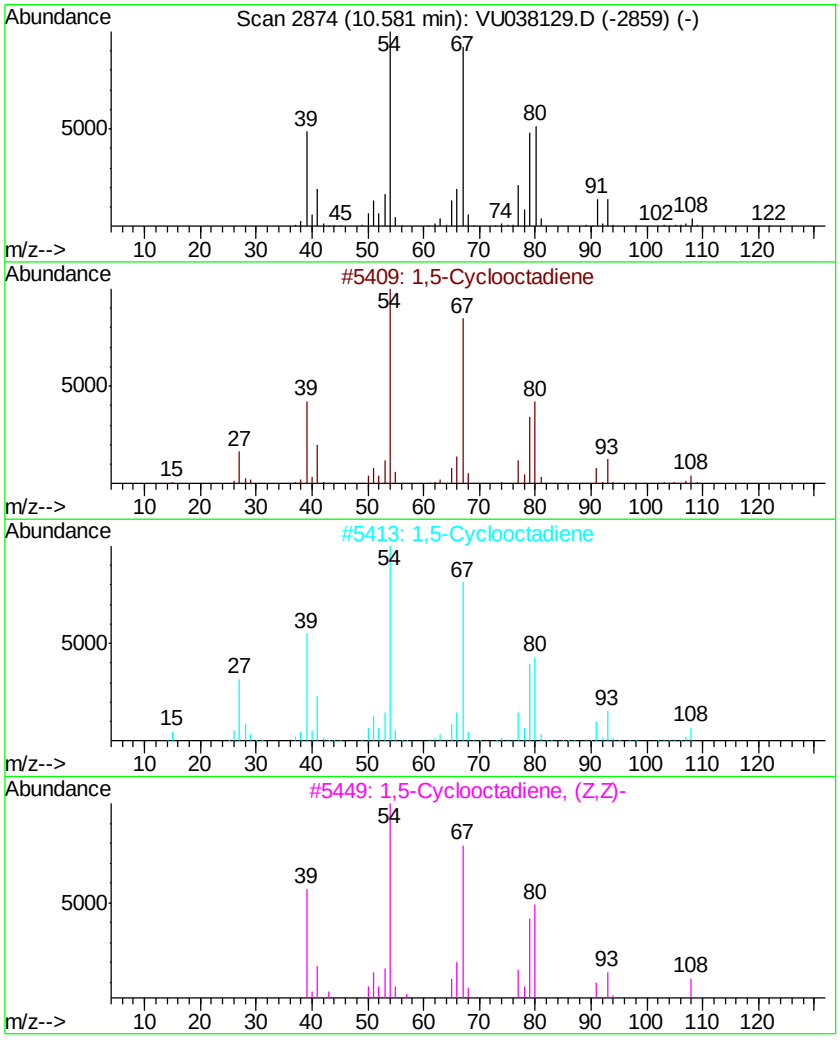
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

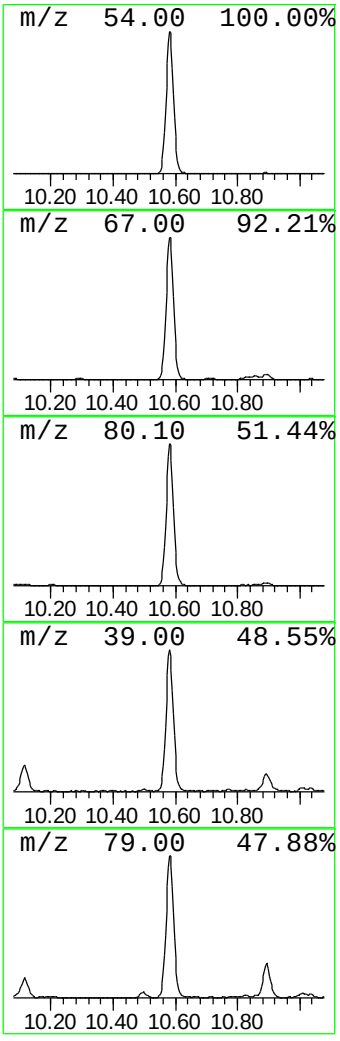
****

Peak Number 4 1,5-Cyclooctadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.76 ug/L	654972	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene	108	C8H12	000111-78-4	96
2	1,5-Cyclooctadiene	108	C8H12	000111-78-4	95
3	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	90
4	1,5-Cyclooctadiene, (E,Z)-	108	C8H12	005259-71-2	86
5	4-Cyanocyclohexene	107	C7H9N	000100-45-8	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

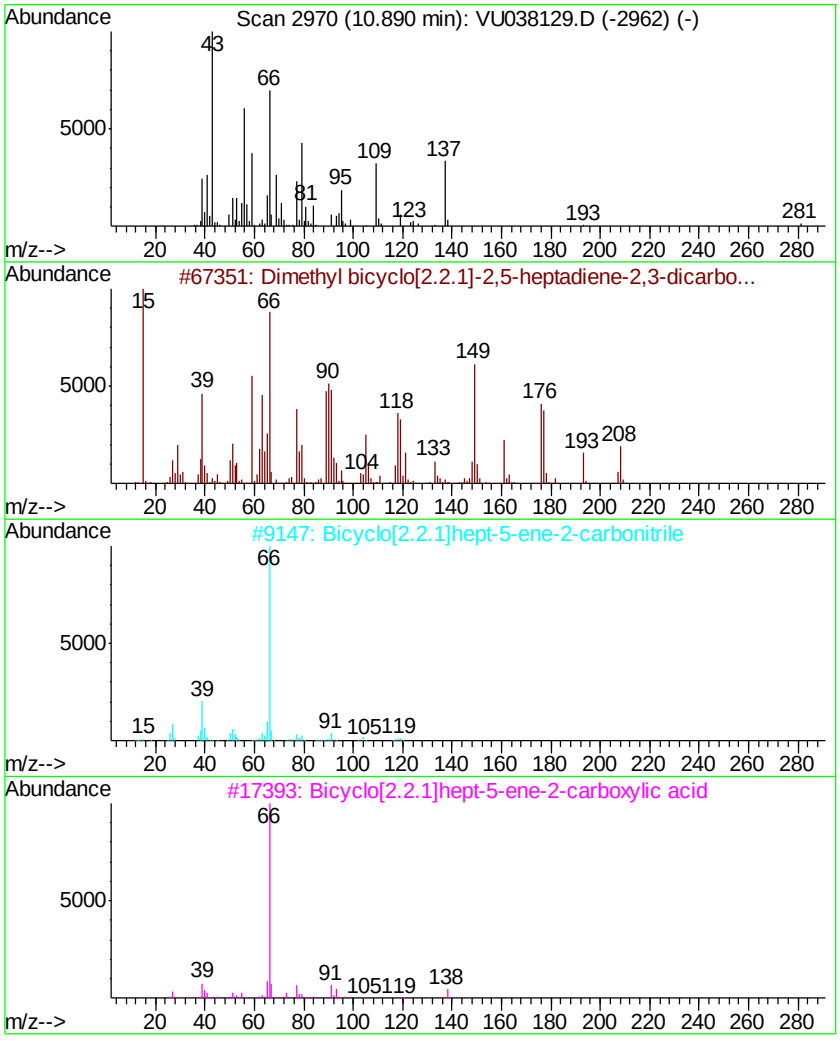
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

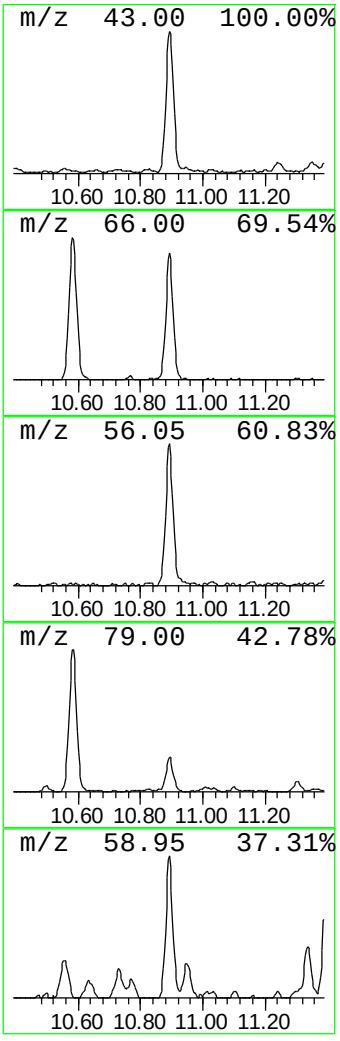
****

Peak Number 5 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	0.74 ug/L	211335	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl bicyclo[2.2.1]-2,5-hept...	208	C11H12O4	000947-57-9	43
2	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	35
3	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	35
4	2-Acetyl-5-norbornene	136	C9H12O	005063-03-6	35
5	Dicyclopentadiene	132	C10H12	000077-73-6	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

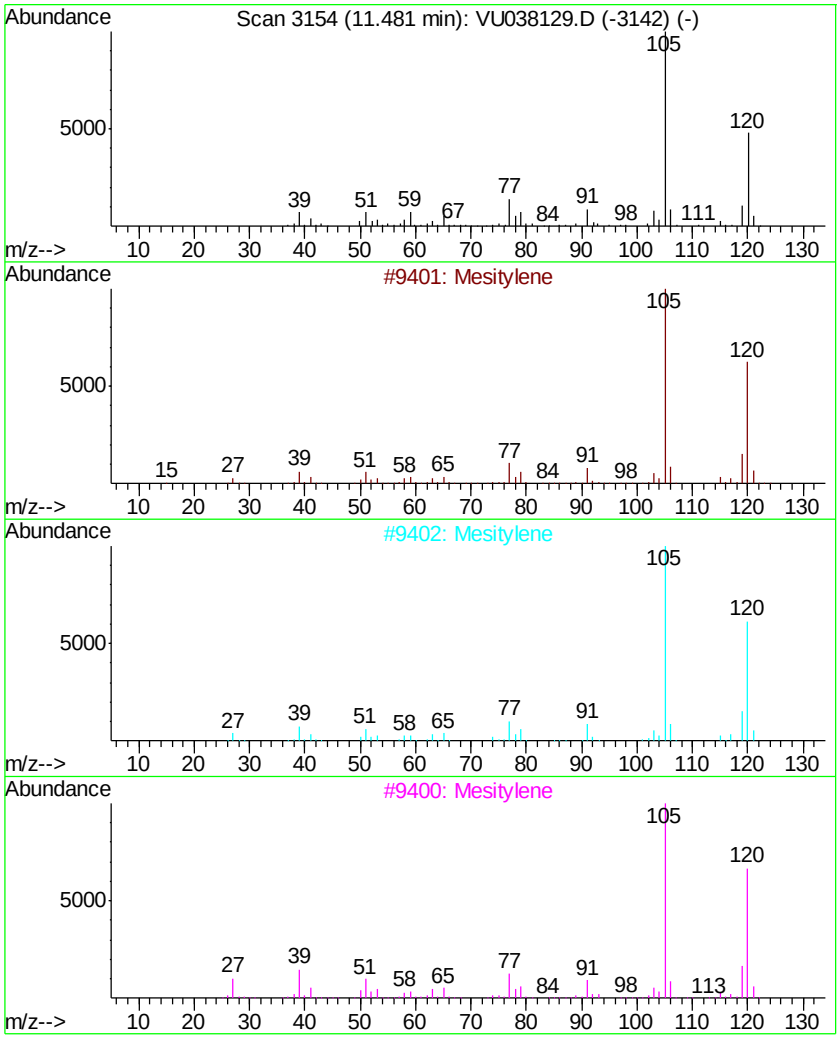
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

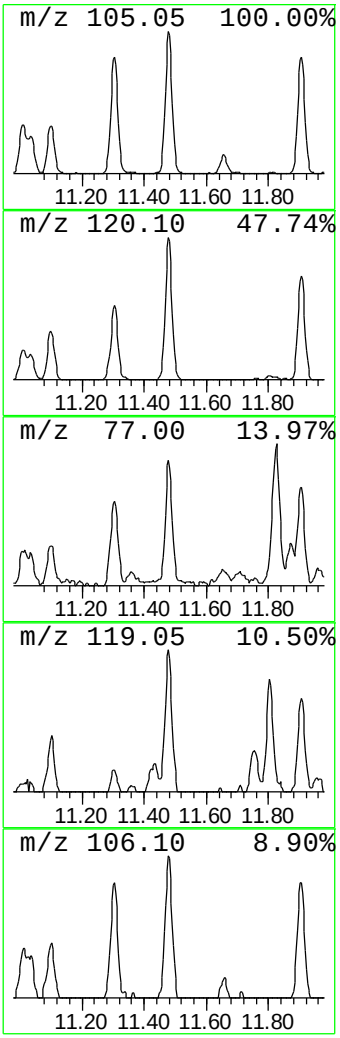
****

Peak Number 6 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	0.58 ug/L	164056	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

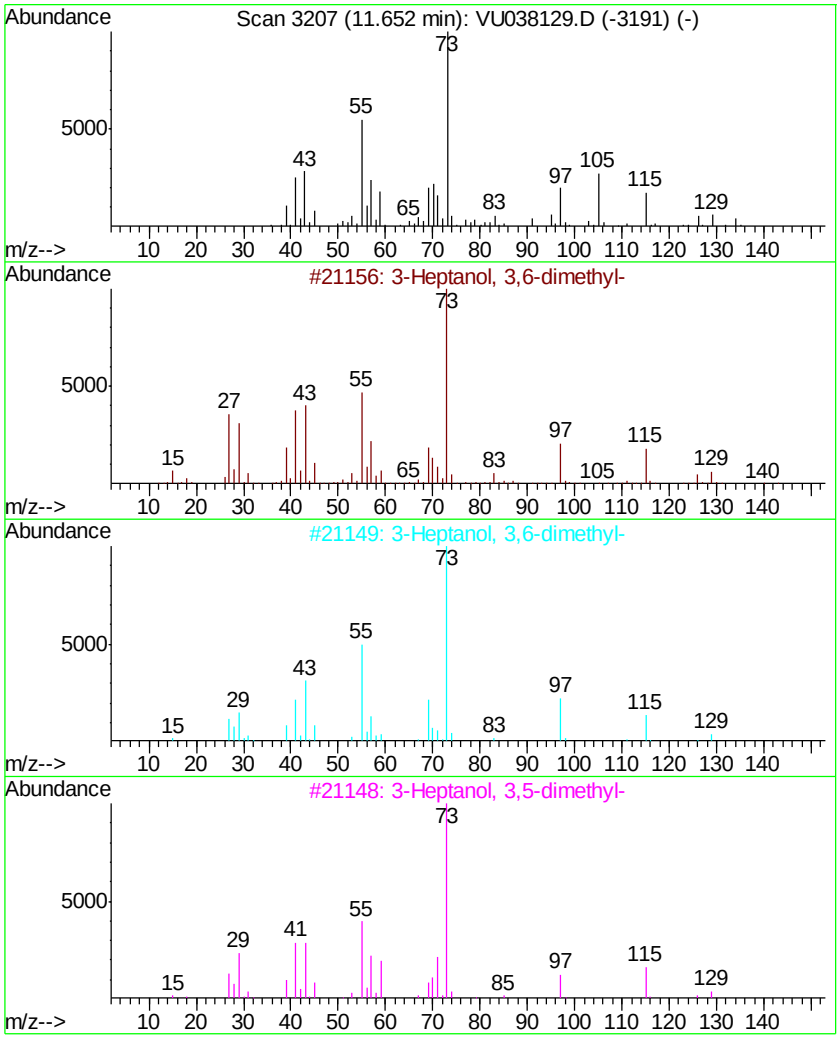
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

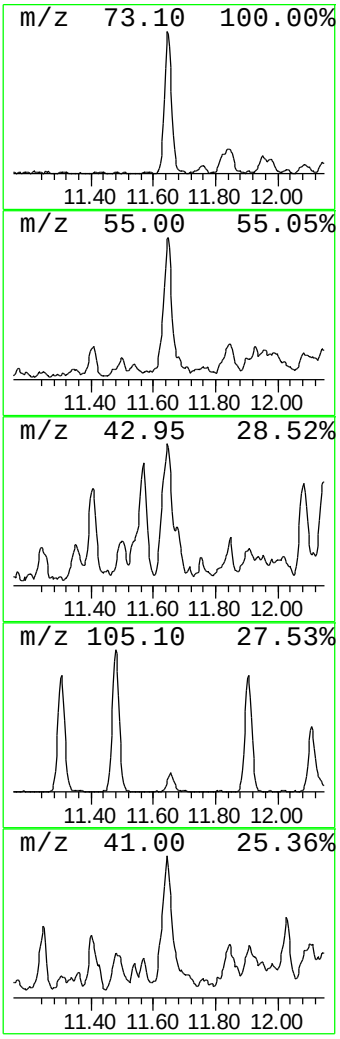
****

Peak Number 7 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.68 ug/L	192941	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	47
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	38
3	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	37
4	(SS)- or (RR)-4-methyl-2,3-penta...	118	C6H14O2	006464-40-0	12
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	12





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

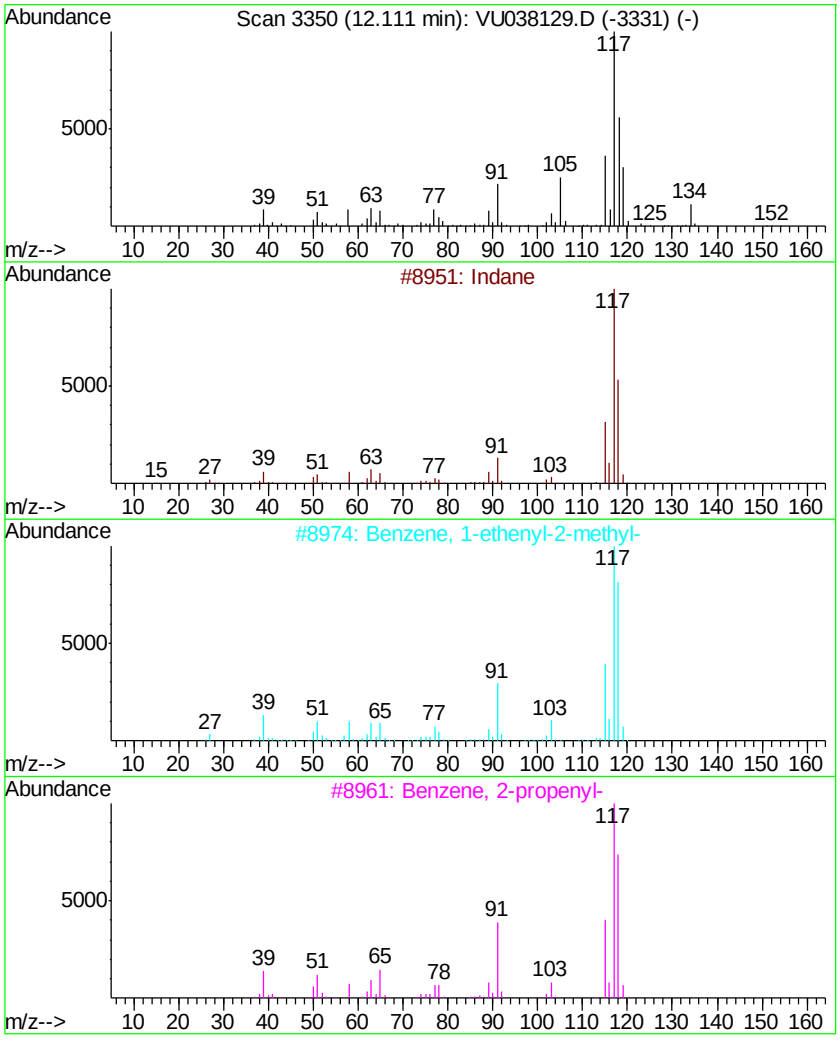
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

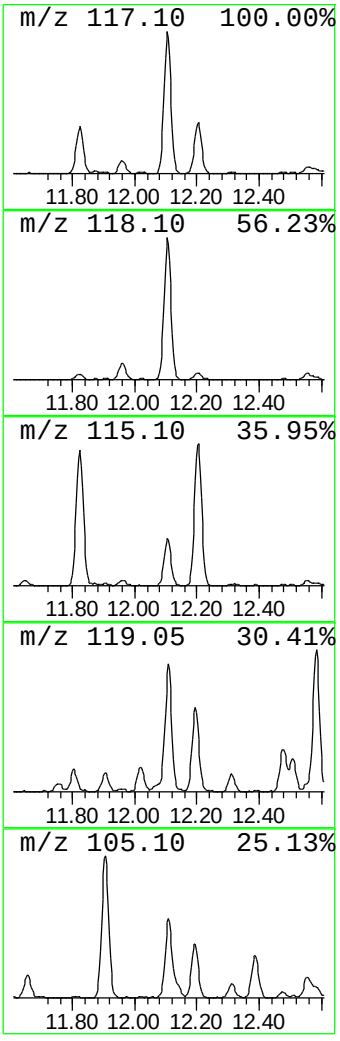
****

Peak Number 8 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	1.72 ug/L	488423	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
4	Indane	118	C9H10	000496-11-7	70
5	Indane	118	C9H10	000496-11-7	64





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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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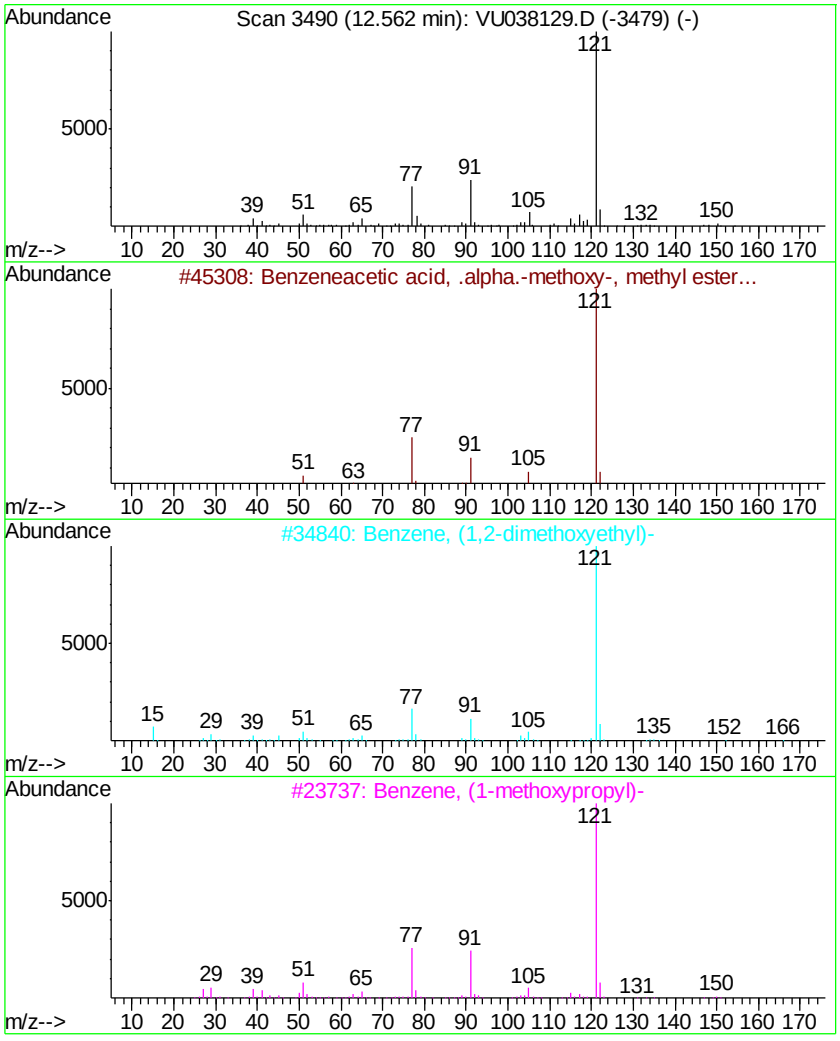
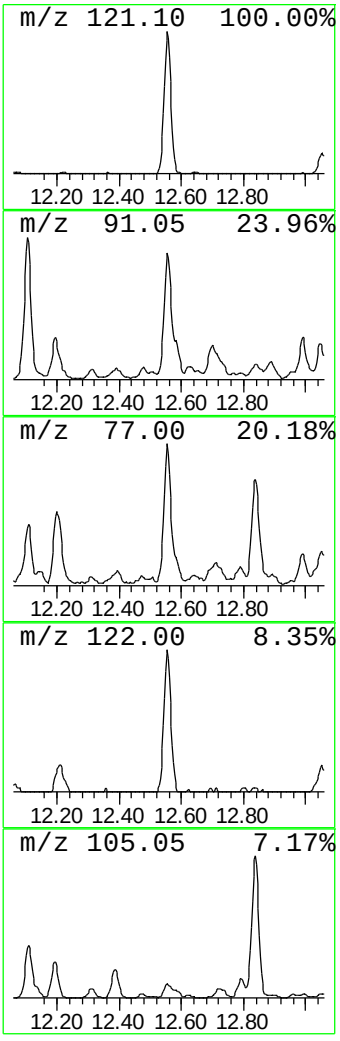
Peak Number 9 Benzeneacetic acid, .alpha.... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	0.93 ug/L	263591	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72
2	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	72
3	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	72
4	Benzene, (3-iodo-1-methoxypropyl)-	276	C10H13IO	1000327-31-9	64
5	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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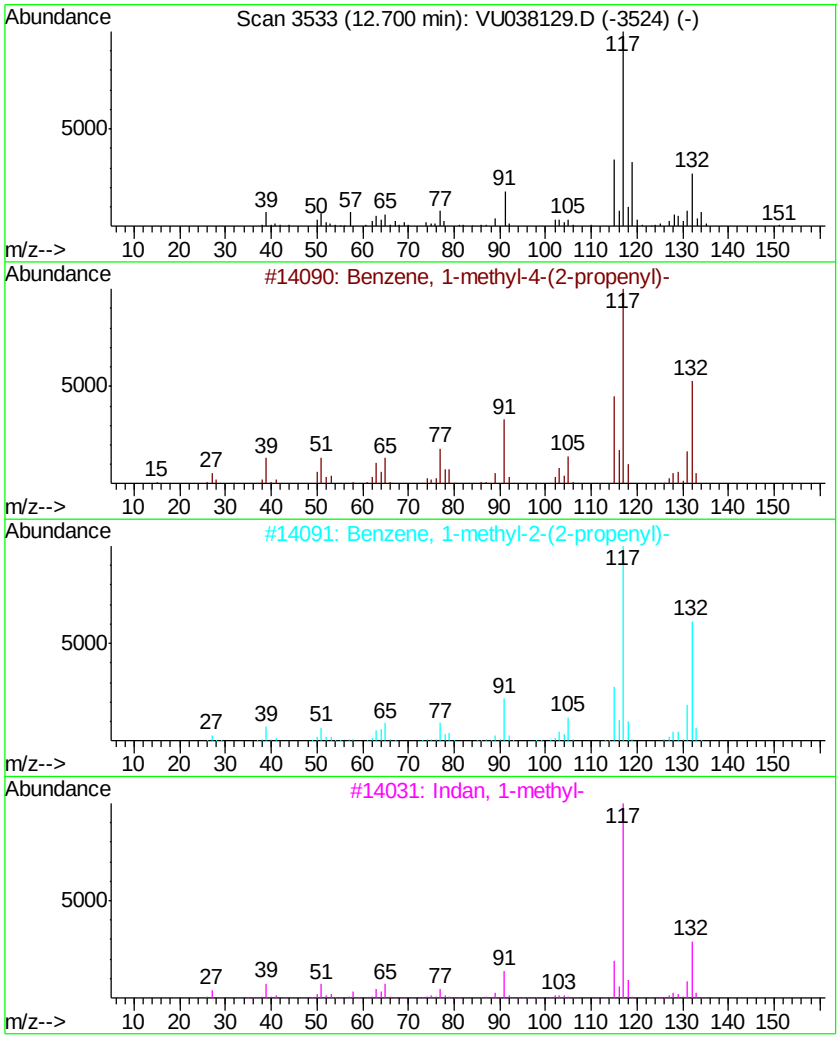
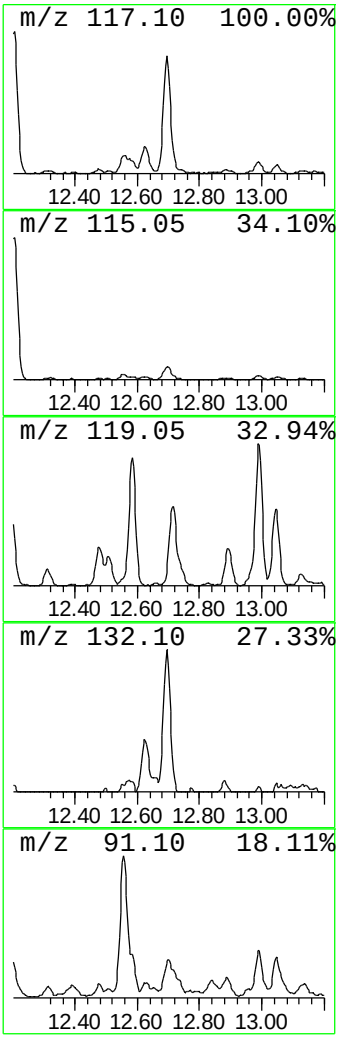
Peak Number 10 Benzene, 1-methyl-4-(2-prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	0.53 ug/L	149187	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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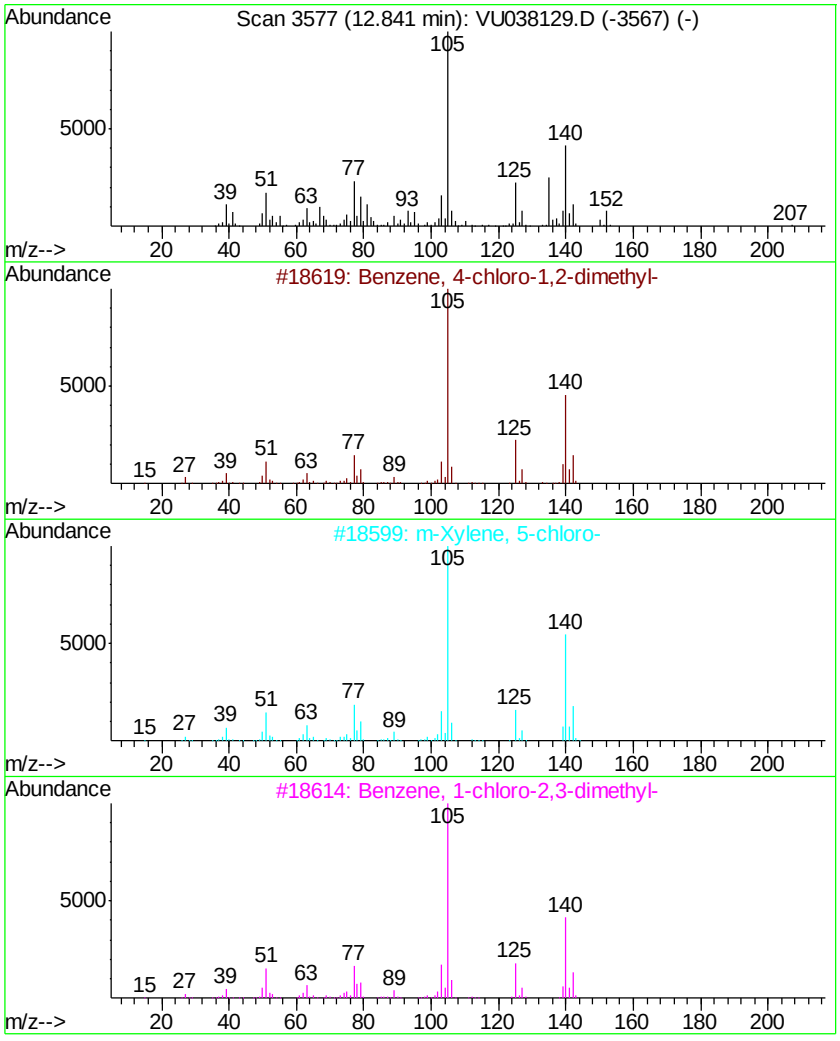
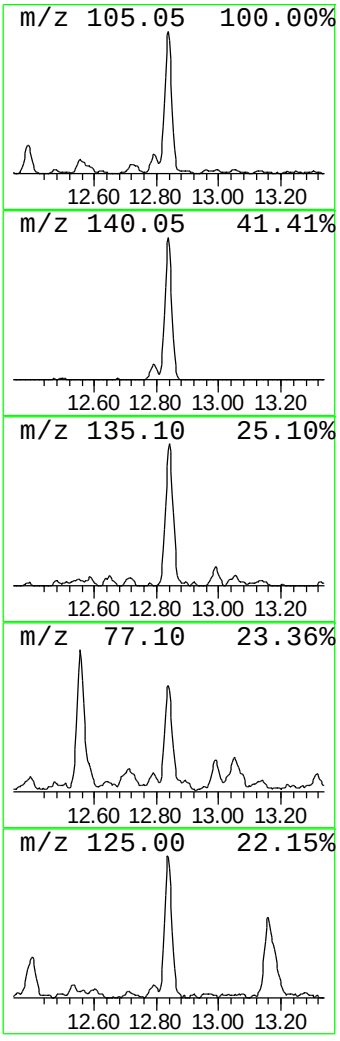
Peak Number 11 Benzene, 4-chloro-1,2-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	1.15 ug/L	327750	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	95
2	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	94
3	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	93
4	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	90
5	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	89





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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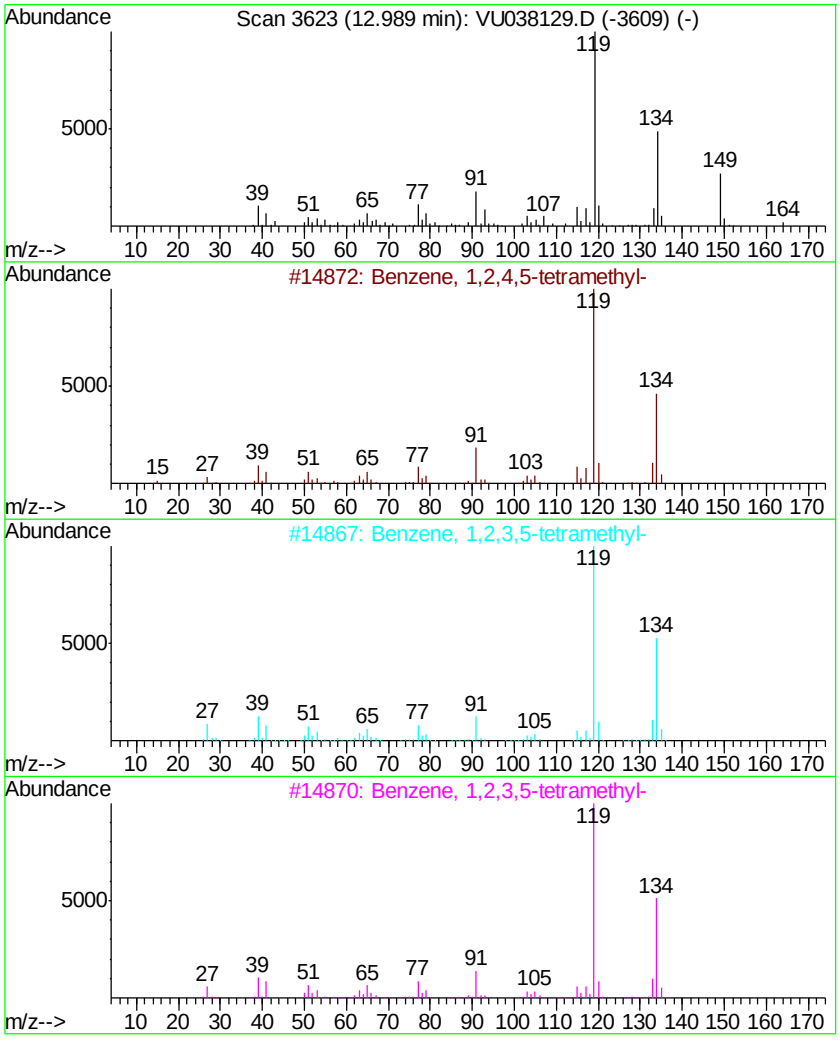
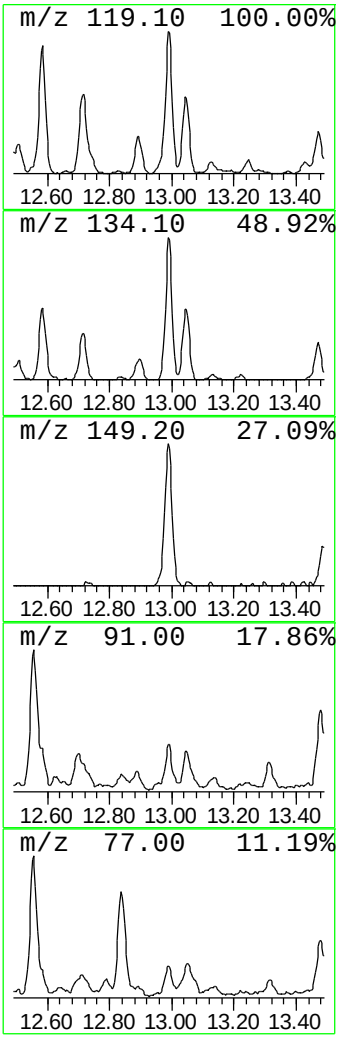
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	0.53 ug/L	149120	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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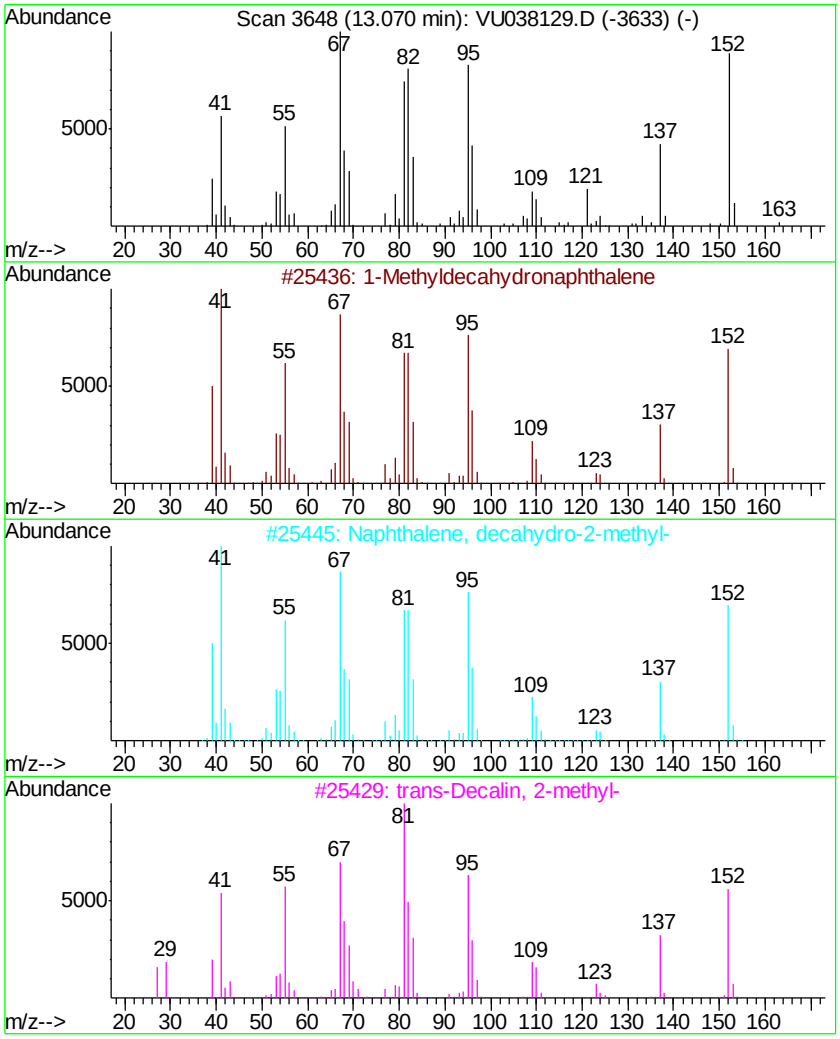
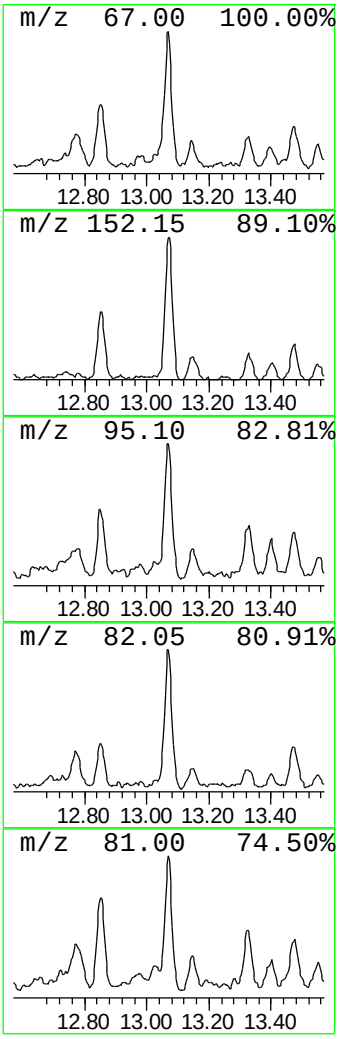
Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	1.02 ug/L	290247	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	94
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70





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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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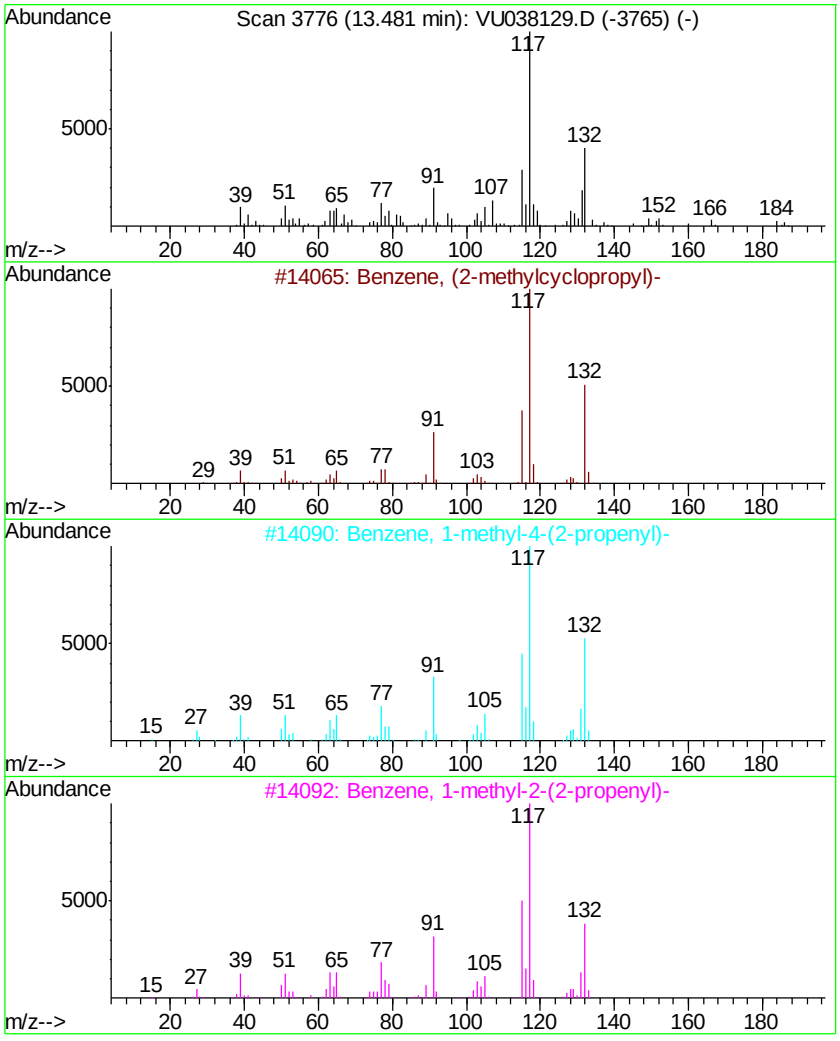
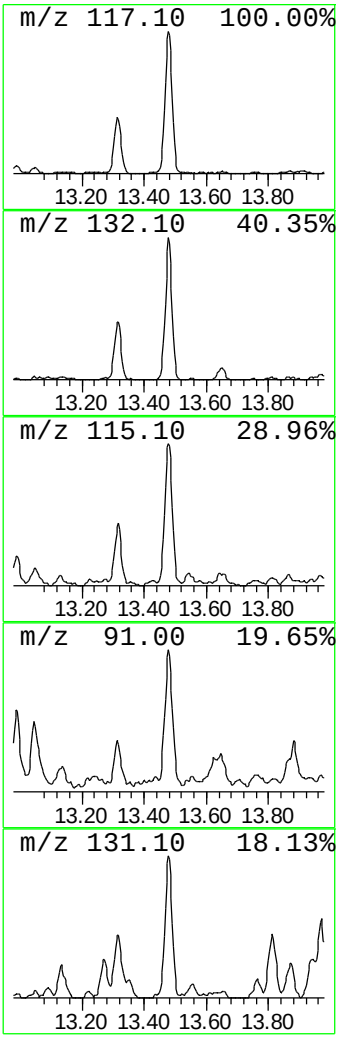
Peak Number 14 Benzene, (2-methylcycloprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.22 ug/L	345411	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Library Search Compound Report

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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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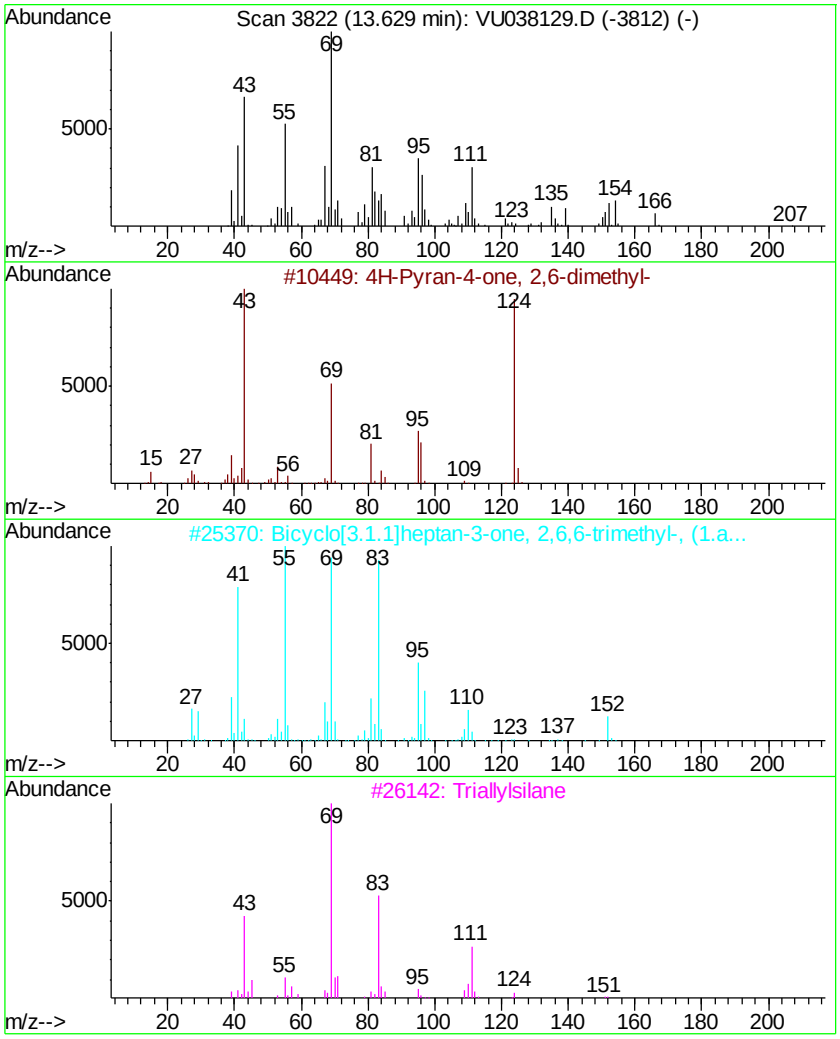
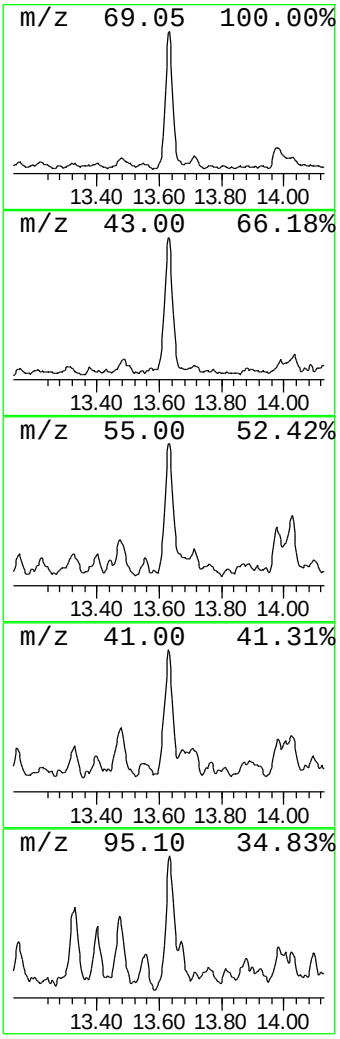
Peak Number 15 4H-Pyran-4-one, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.86 ug/L	243190	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	52
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	50
3	Triallylsilane	152	C9H16Si	001116-62-7	49
4	Crotyl methacrylate	140	C8H12O2	007376-45-6	47
5	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	47





Library Search Compound Report

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Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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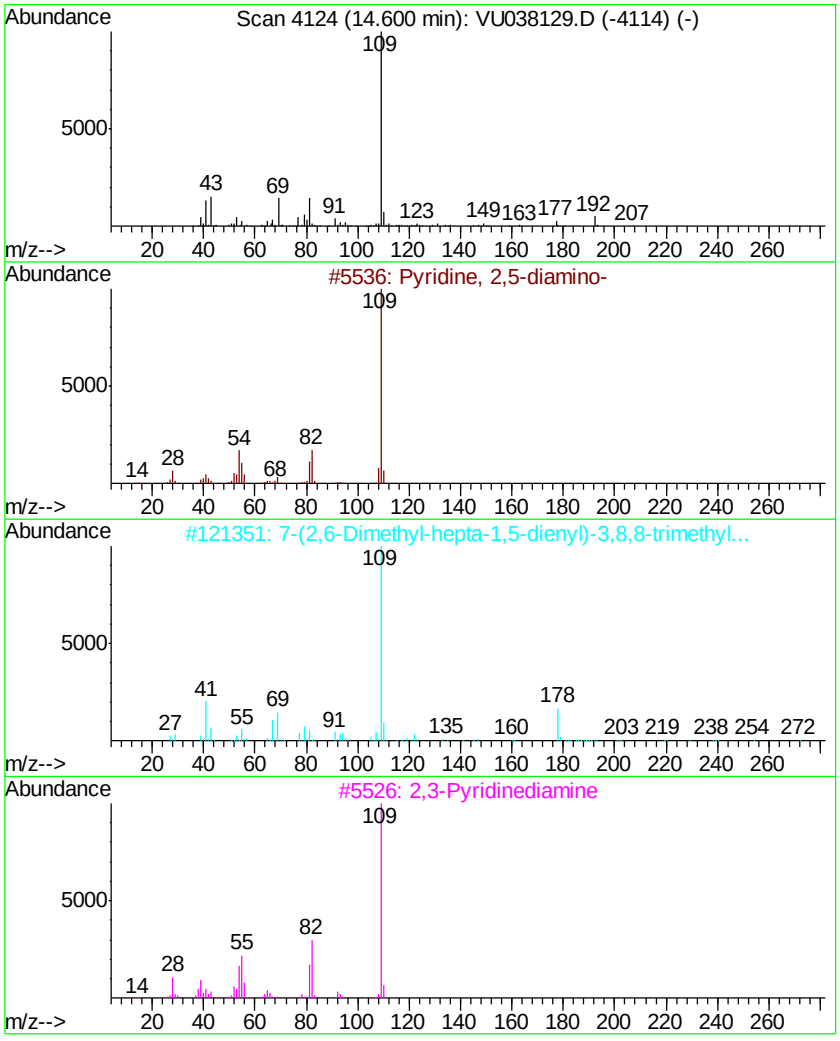
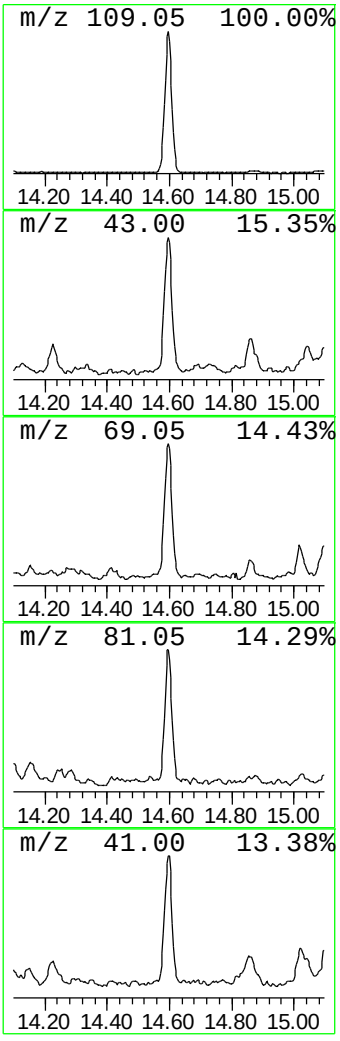
Peak Number 16 Pyridine, 2,5-diamino- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	0.95 ug/L	269263	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	64
2	7-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	1000190-62-8	64
3	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	64
4	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	53
5	8-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	113725-56-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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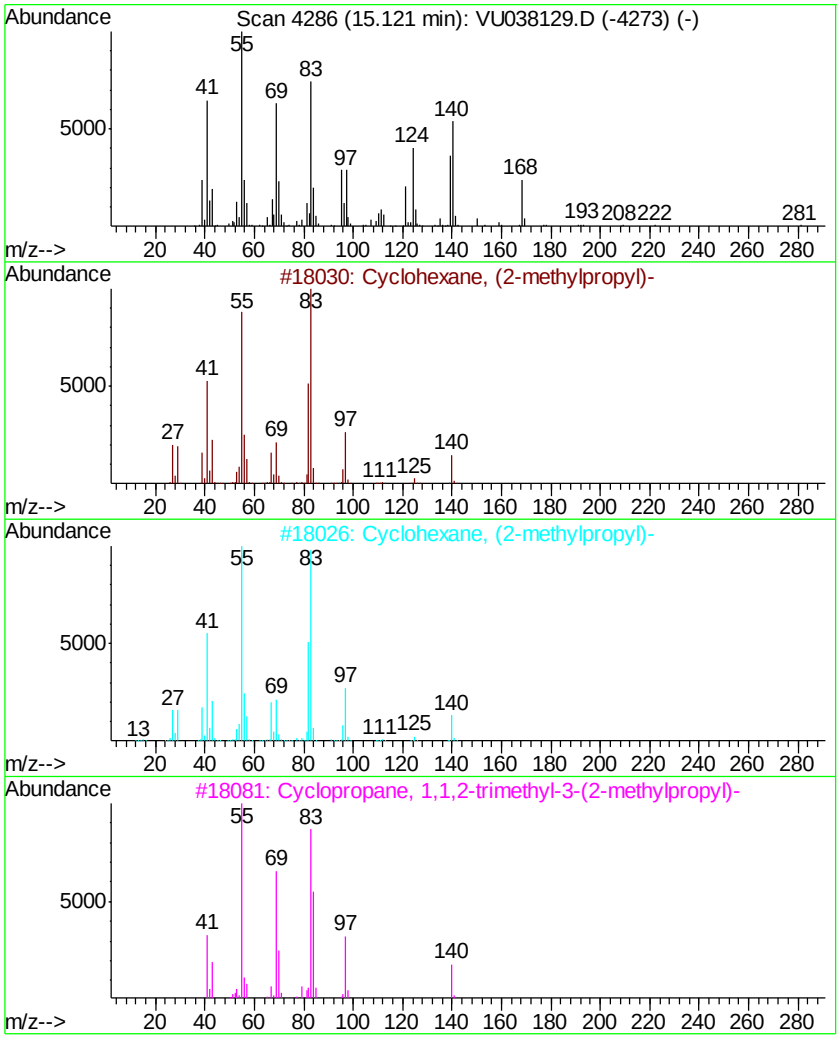
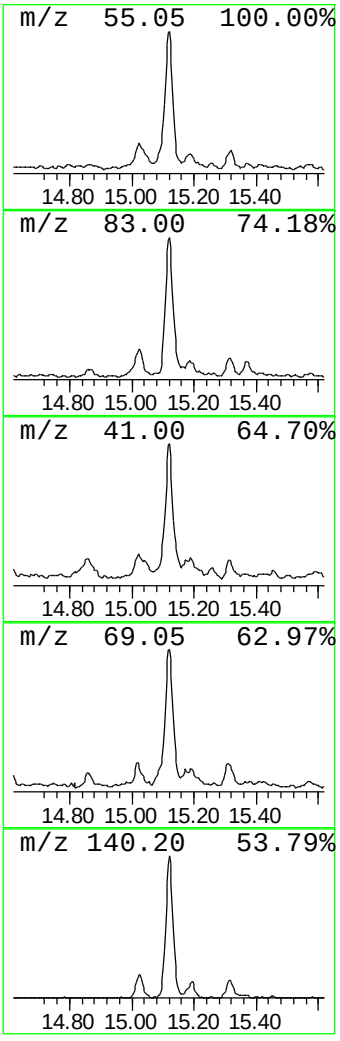
Peak Number 17 (DEL) Alkane: Cyclic15.12 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	1.20 ug/L	339437	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
3	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	49
4	2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	46
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

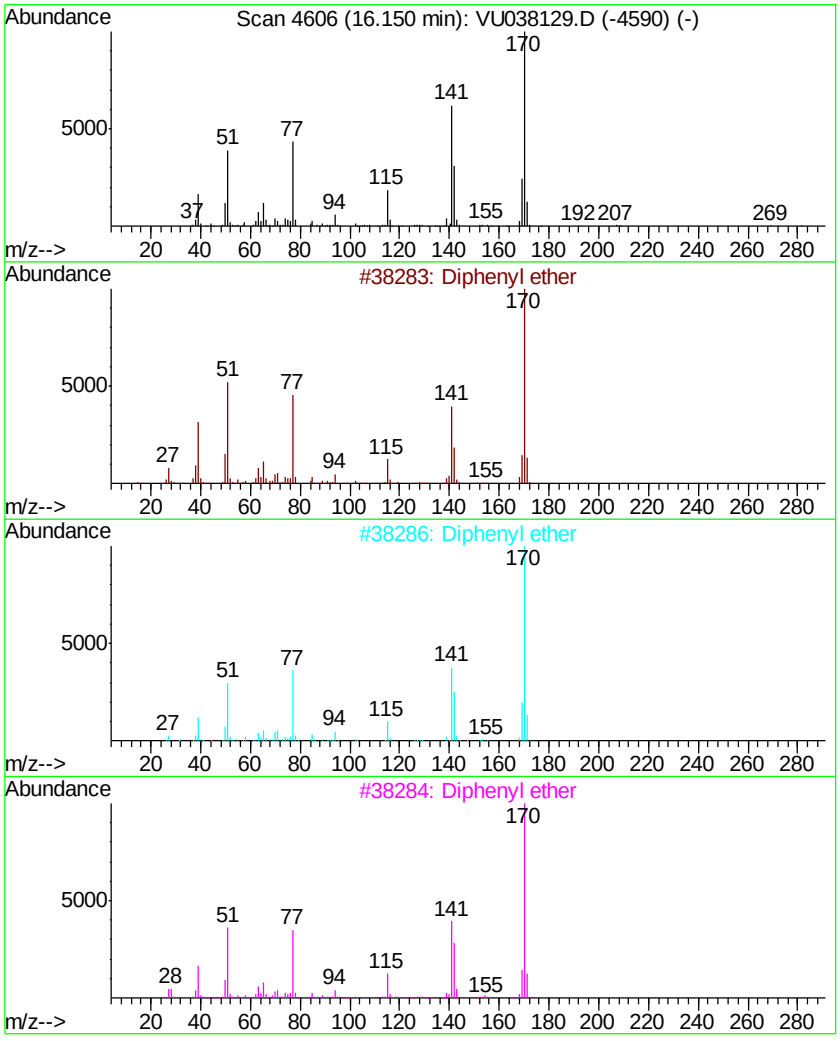
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

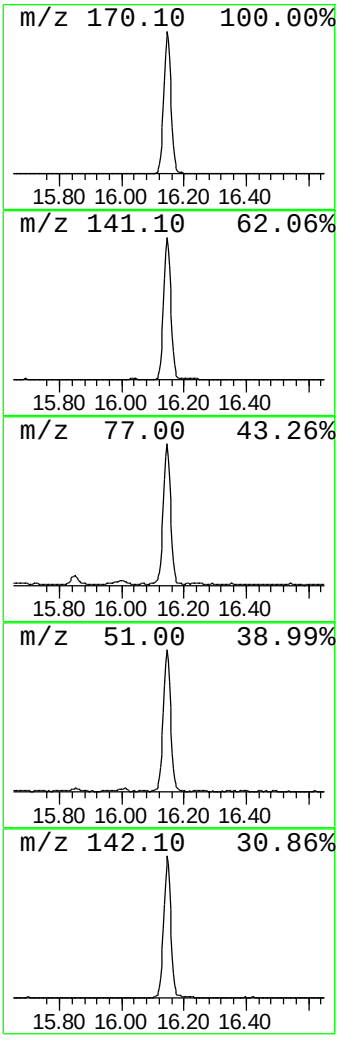
****

Peak Number 18 Diphenyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	1.73 ug/L	492507	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	94
2	Diphenyl ether	170	C12H10O	000101-84-8	93
3	Diphenyl ether	170	C12H10O	000101-84-8	91
4	Diphenyl ether	170	C12H10O	000101-84-8	91
5	N-Phenethylbenzenesulfonamide	261	C14H15NO2S	077198-99-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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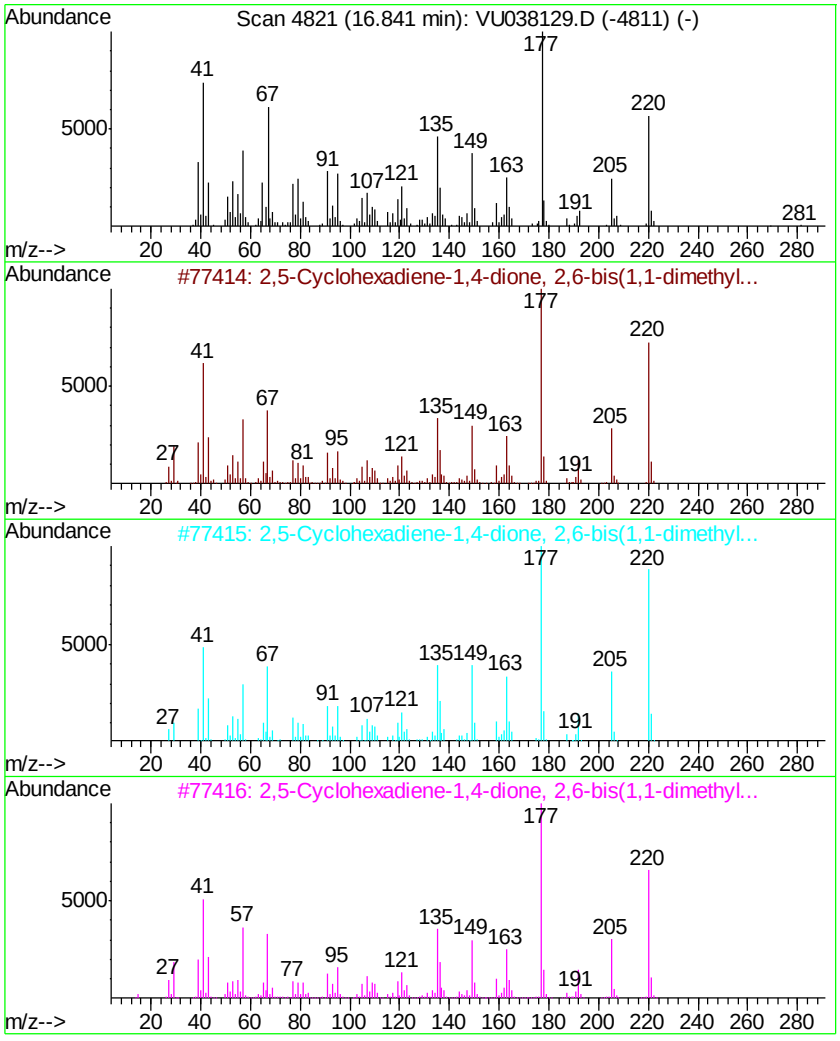
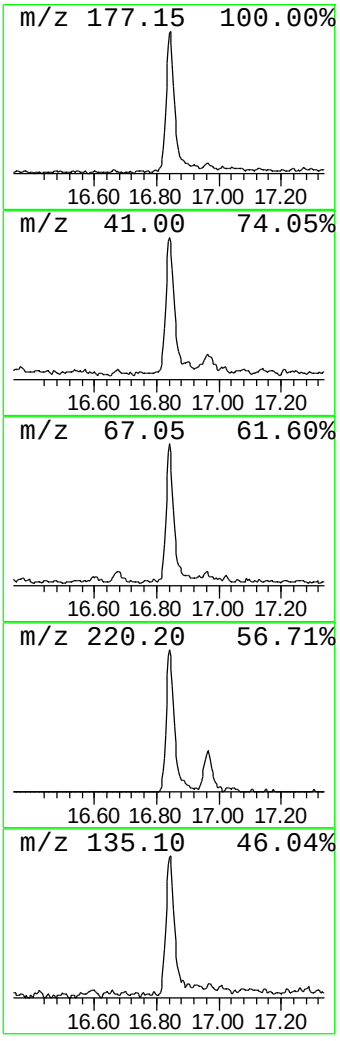
Peak Number 19 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	1.09 ug/L	309699	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	97
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	76
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	25
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,2-dichl...	2.40	0.9	ug/L	156095	1	6.28	900335	5.0
Acetic acid, cyan...	9.78	1.3	ug/L	313828	2	9.44	1185620	5.0
1,5-Cyclooctadiene	10.58	2.8	ug/L	654972	2	9.44	1185620	5.0
unknown-01	10.89	0.7	ug/L	211335	3	11.82	1419910	5.0
Mesitylene	11.48	0.6	ug/L	164056	3	11.82	1419910	5.0
unknown-02	11.65	0.7	ug/L	192941	3	11.82	1419910	5.0
Indane	12.11	1.7	ug/L	488423	3	11.82	1419910	5.0
Benzeneacetic aci...	12.56	0.9	ug/L	263591	3	11.82	1419910	5.0
Benzene, 1-methyl...	12.70	0.5	ug/L	149187	3	11.82	1419910	5.0
Benzene, 4-chloro...	12.84	1.1	ug/L	327750	3	11.82	1419910	5.0
Benzene, 1,2,4,5-...	12.99	0.5	ug/L	149120	3	11.82	1419910	5.0
1-Methyldecahydro...	13.07	1.0	ug/L	290247	3	11.82	1419910	5.0
Benzene, (2-methy...	13.48	1.2	ug/L	345411	3	11.82	1419910	5.0
4H-Pyran-4-one, 2...	13.63	0.9	ug/L	243190	3	11.82	1419910	5.0
Pyridine, 2,5-dia...	14.60	0.9	ug/L	269263	3	11.82	1419910	5.0
(DEL) Alkane: Cyc...	15.12	1.2	ug/L	339437	3	11.82	1419910	5.0
Diphenyl ether	16.15	1.7	ug/L	492507	3	11.82	1419910	5.0
2,5-Cyclohexadien...	16.84	1.1	ug/L	309699	3	11.82	1419910	5.0