LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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	1.504	40	51	74	rBV	488679	1878756	12.56%	2.297%
2	1.932	178	184	189	rBV	148910	201160	1.35%	0.246%
3	2.234	270	278	296	rVB2	94492	198204	1.33%	0.242%
4	2.398	318	329	349	rVB	3306559	4931142	32.98%	6.029%
5	2.591	375	389	403	rBV	270285	461257	3.08%	0.564%
6	3.115	543	552	564	rVB	170191	334329	2.24%	0.409%
7	3.395	624	639	661	rVB	375970	845708	5.66%	1.034%
8	3.735	727	745	765	rBV	222669	504623	3.37%	0.617%
9	4.034	817	838	860	rBV	5777819	14953724	100.00%	18.282%
10	4.571	986	1005	1021	rBV	1101225	2629442	17.58%	3.215%
11	4.671	1022	1036	1073	rVB2	344791	976877	6.53%	1.194%
12	5.099	1152	1169	1197	rBV2	1053978	2489970	16.65%	3.044%
13	5.423	1254	1270	1285	rBV2	145663	324235	2.17%	0.396%
14	5.526	1285	1302	1318	rVB3	107219	219159	1.47%	0.268%
15	5.761	1355	1375	1379	rBV3	508371	1179774	7.89%	1.442%
16	5.809	1379	1390	1404	rVV	4039877	8063629	53.92%	9.858%
17	6.279	1522	1536	1560	rVB	426521	821390	5.49%	1.004%
18	6.719	1660	1673	1685	rBV	321969	624781	4.18%	0.764%
19	6.793	1685	1696	1720	rVB3	151528	342119	2.29%	0.418%
20	7.591	1919	1944	1956	rBV	171058	311525	2.08%	0.381%
21	7.738	1974	1990	2010	rBV2	181812	374028	2.50%	0.457%
22	7.922	2024	2047	2060	rBV	624720	1189902	7.96%	1.455%
23	7.992	2060	2069	2082	rVB	144303	252947	1.69%	0.309%
24	8.201	2120	2134	2147	rBV	110038	188014	1.26%	0.230%
25	8.655	2262	2275	2286	rBV	907890	1564115	10.46%	1.912%
26	8.809	2313	2323	2344	rVB2	81906	171920	1.15%	0.210%
27	9.465	2504	2527	2558	rVV	8157342	14936407	99.88%	18.261%
28	9.706	2587	2602	2613	rBV3	182505	340249	2.28%	0.416%
29	9.777	2613	2624	2635	rVV	174064	281902	1.89%	0.345%
30	10.121	2720	2731	2750	rVB3	232340	452409	3.03%	0.553%
31	10.269	2764	2777	2795	rBV2	77875	184339	1.23%	0.225%
32	10.500	2836	2849	2859	rBV	817525	1315924	8.80%	1.609%
33	10.629	2875	2889	2893	rBV4	79067	161103	1.08%	0.197%
34	10.767	2912	2932	2944	rBV5	427447	921356	6.16%	1.126%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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	10.909	2958	2976	2999	rVB2	912229	2026322	13.55%	2.477%
36	11.044	3008	3018	3030	rVB	240841	411571	2.75%	0.503%
37	11.304	3087	3099	3121	rVB	458004	838019	5.60%	1.025%
38	11.478	3144	3153	3167	rVB	216247	338426	2.26%	0.414%
39	11.648	3188	3206	3226	rVB9	261519	712869	4.77%	0.872%
40	11.828	3248	3262	3263	rBV	761388	1004228	6.72%	1.228%
41	11.906	3277	3286	3304	rVB	508413	830437	5.55%	1.015%
42	12.028	3316	3324	3333	rVB2	104801	157242	1.05%	0.192%
43	12.105	3334	3348	3366	rVV2	1205352	1962297	13.12%	2.399%
44	12.205	3367	3379	3401	rVB3	728518	1499516	10.03%	1.833%
45	12.481	3453	3465	3481	rBV5	90133	203757	1.36%	0.249%
46	12.584	3488	3497	3505	rBV	294838	436688	2.92%	0.534%
47	12.696	3525	3532	3552	rVB3	94676	209216	1.40%	0.256%
48	12.883	3580	3590	3611	rVB	1384284	2213484	14.80%	2.706%
49	12.992	3615	3624	3631	rVV	164469	267862	1.79%	0.327%
50	13.044	3633	3640	3651	rVB	108671	192922	1.29%	0.236%
51	13.632	3814	3823	3839	rVB2	97809	197740	1.32%	0.242%
52	13.880	3889	3900	3911	rBV8	89222	152856	1.02%	0.187%
53	13.976	3921	3930	3937	rBV3	241965	413227	2.76%	0.505%
54	14.024	3937	3945	3957	rVB2	546037	891468	5.96%	1.090%
55	14.320	4026	4037	4054	rBV6	96568	217761	1.46%	0.266%
56	15.021	4244	4255	4267	rBV4	97832	200068	1.34%	0.245%
57	15.118	4267	4285	4297	rBV	941677	1560890	10.44%	1.908%
58	15.314	4334	4346	4356	rBV4	120534	229620	1.54%	0.281%

Sum of corrected areas: 81794905

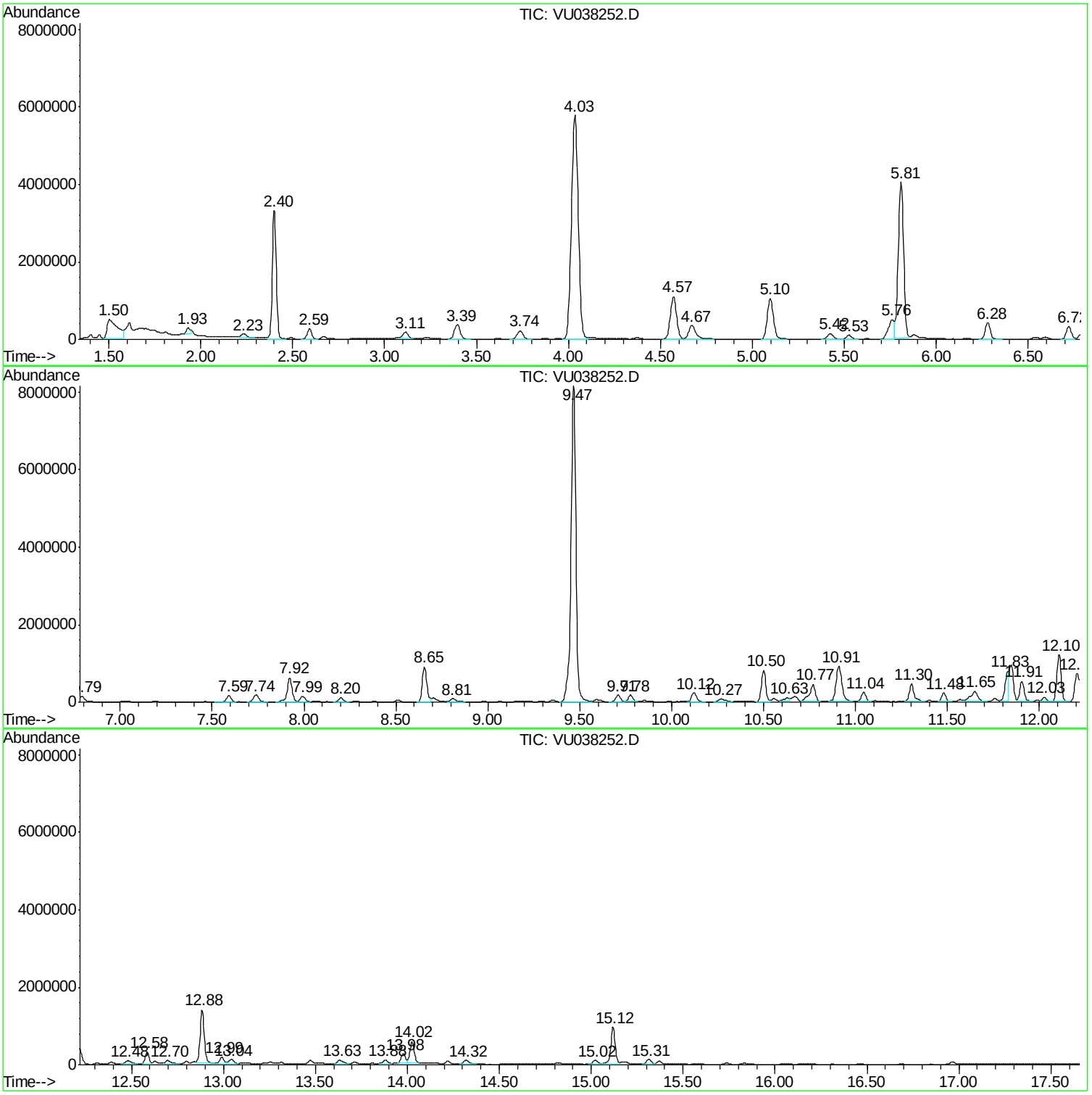
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T3

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

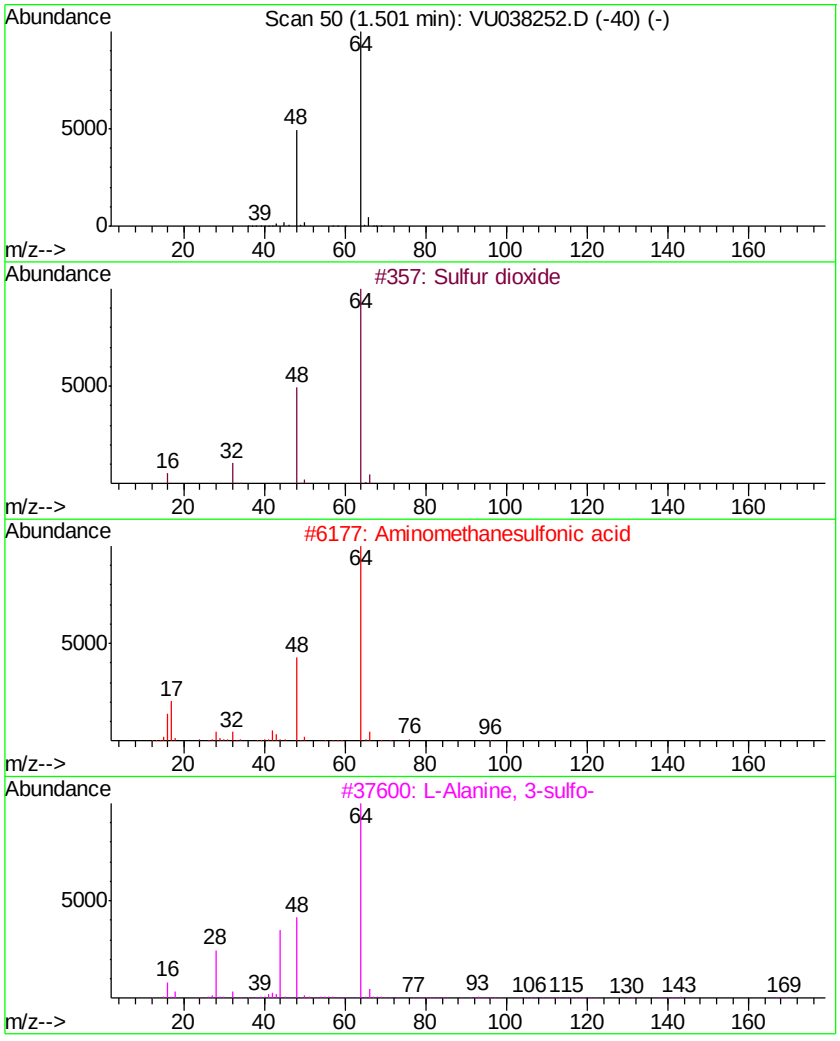
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

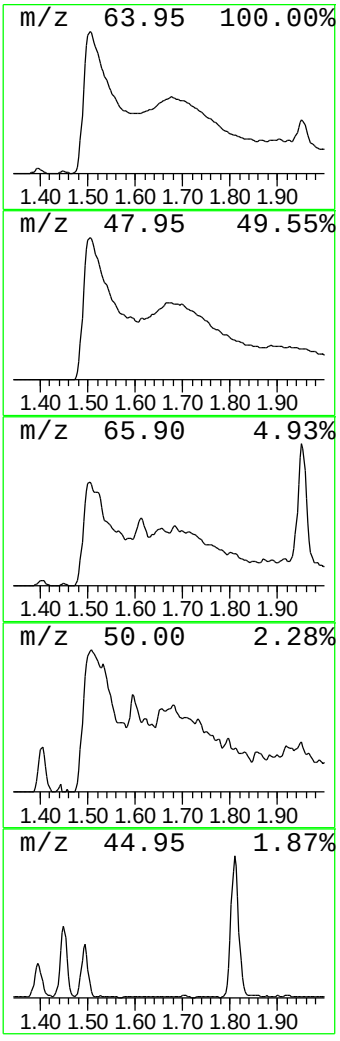
****

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	11.44 ug/L	1878760	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

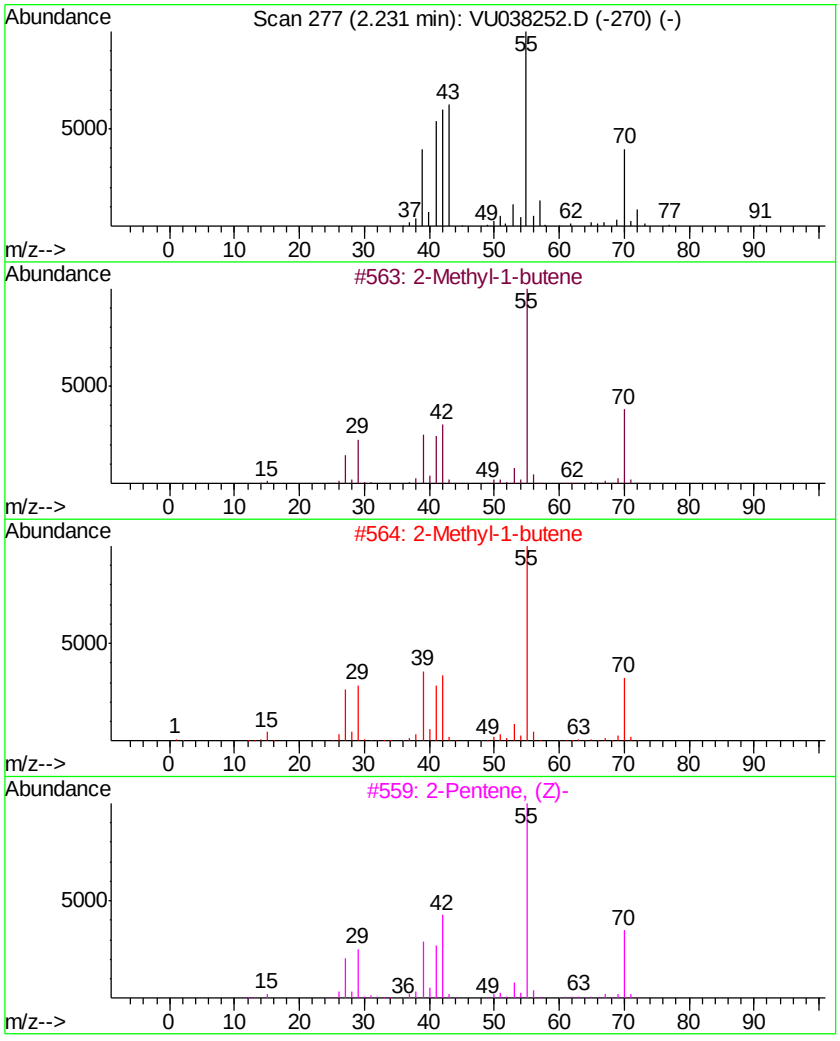
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

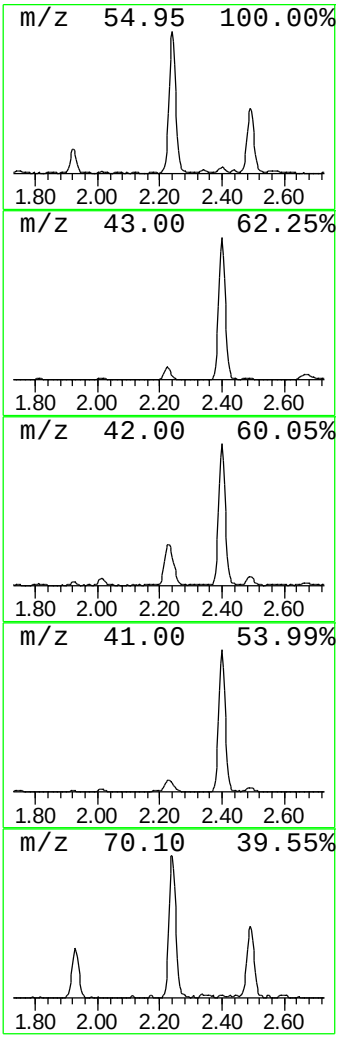
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	1.21 ug/L	198204	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	90
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
5	2-Pentene	70	C5H10	000109-68-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

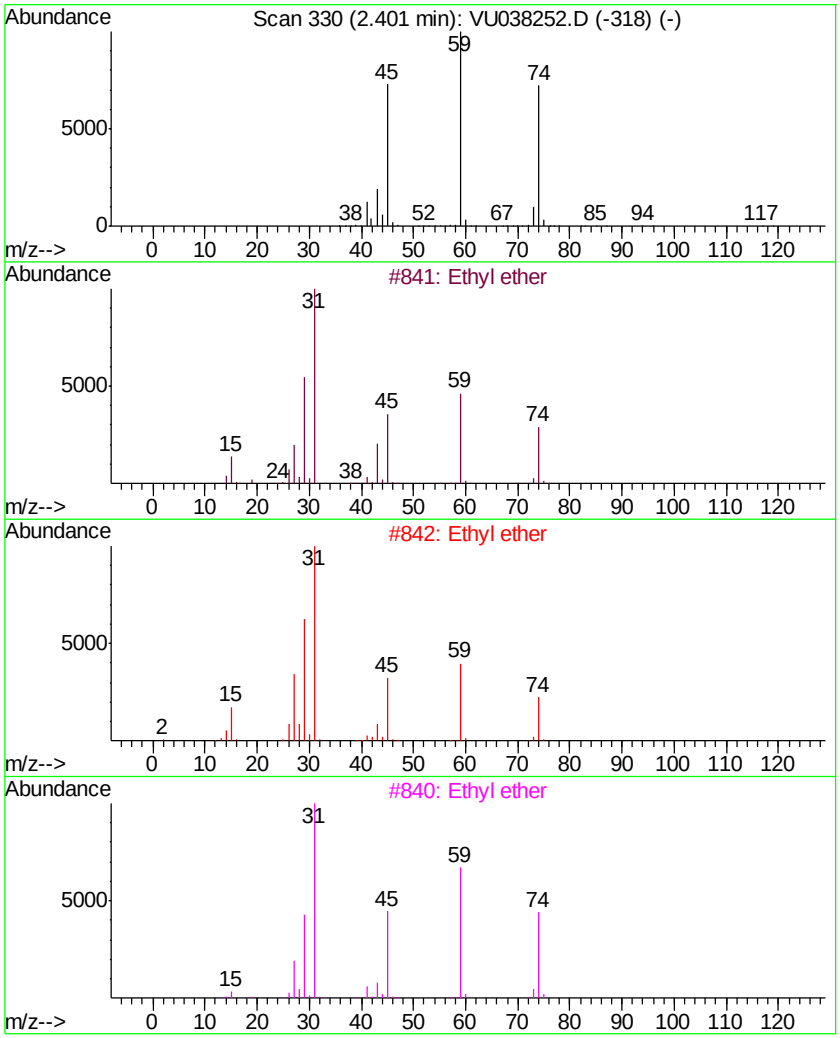
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

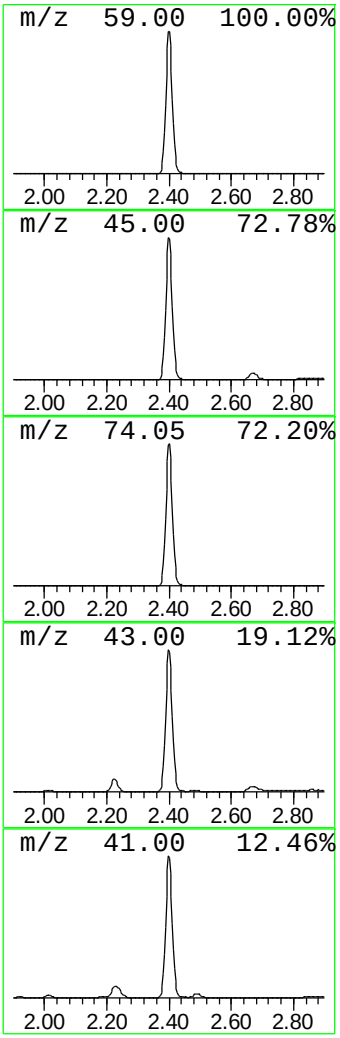
****

Peak Number 3 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	30.02 ug/L	4931140	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	90
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

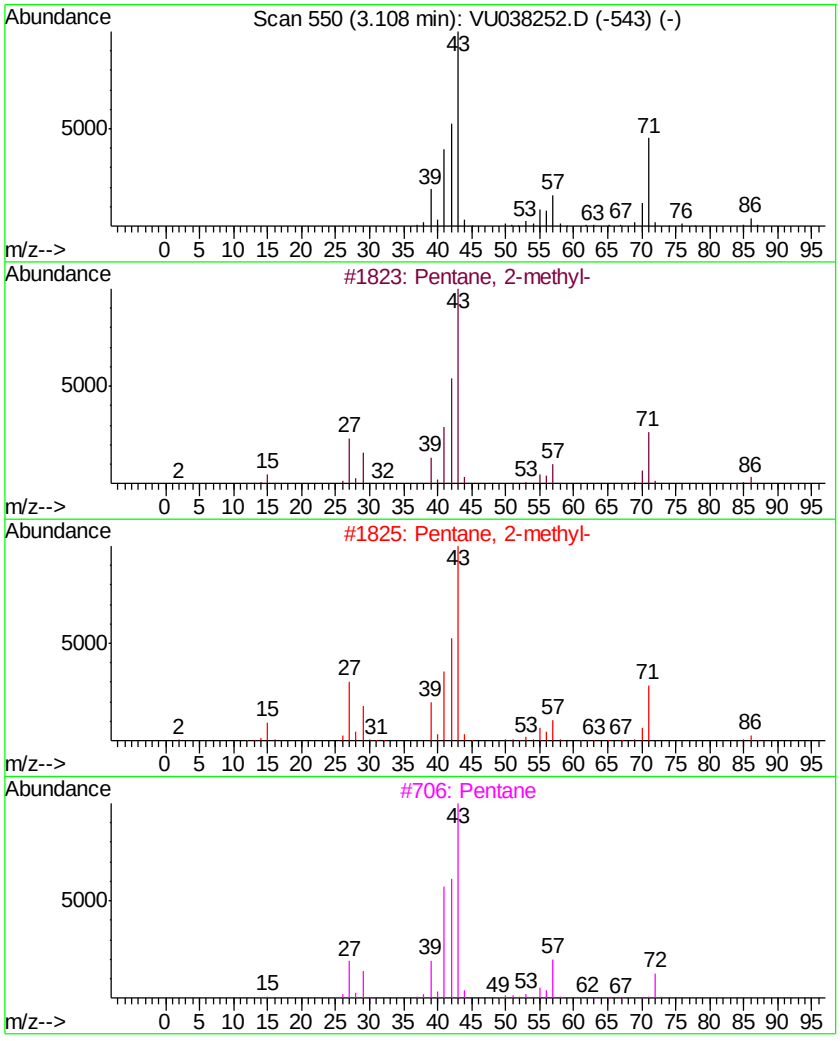
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

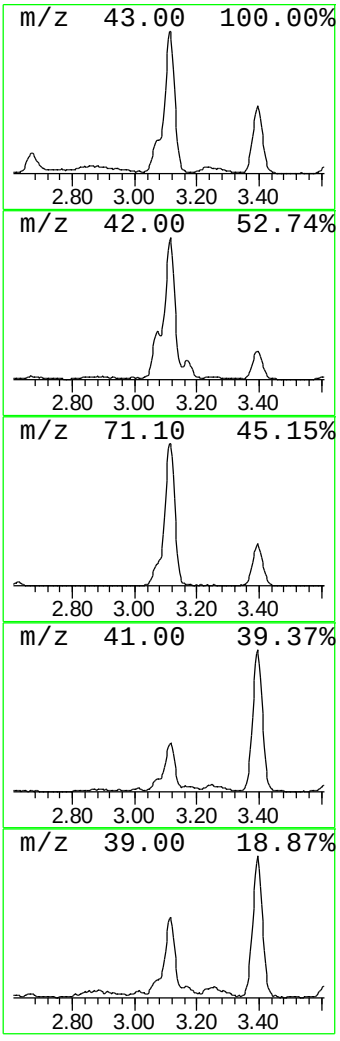
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	2.04 ug/L	334329	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Pentane	72	C5H12	000109-66-0	38
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

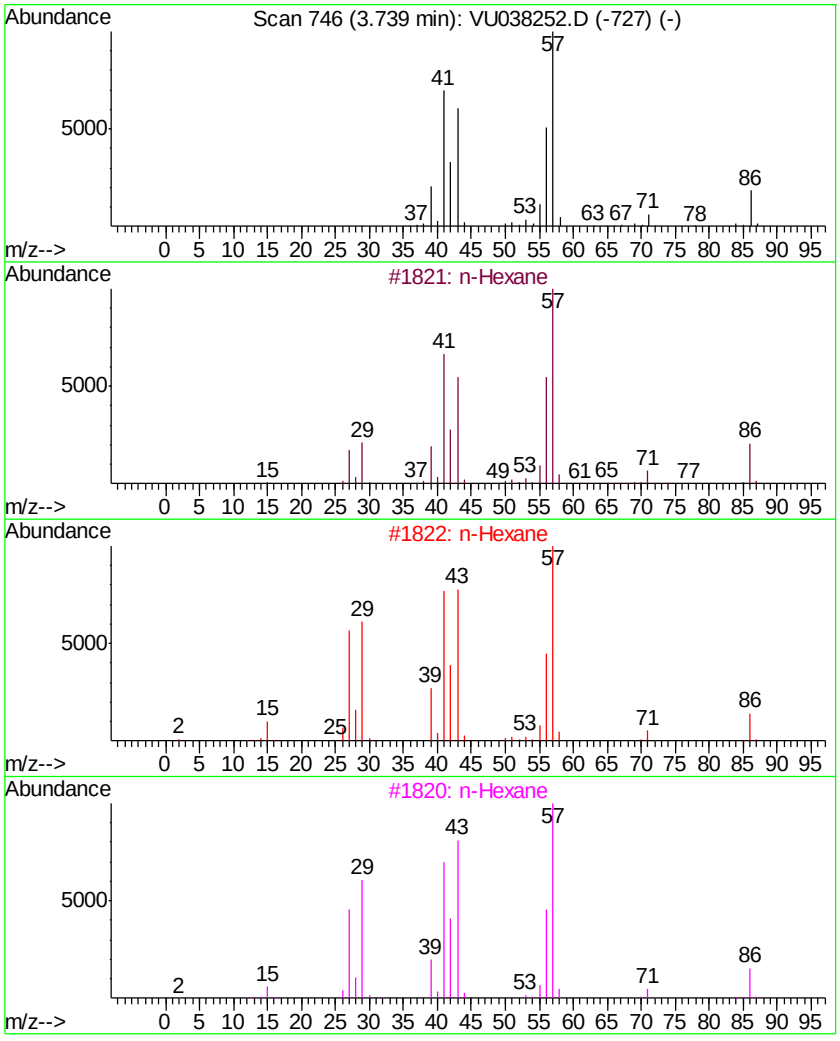
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

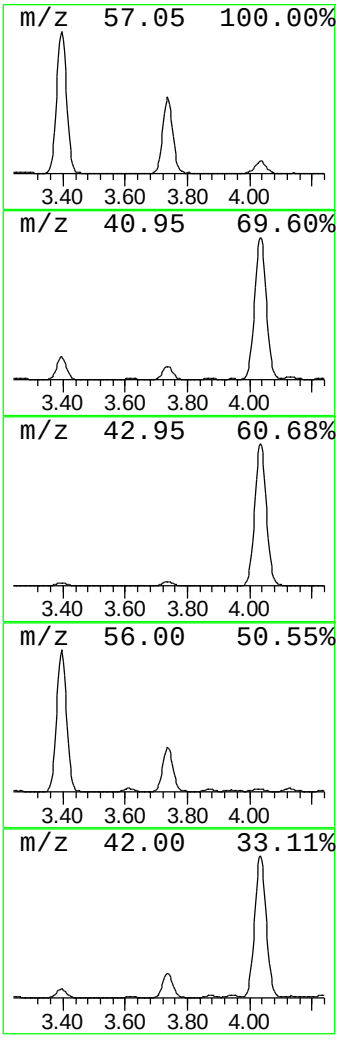
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	3.07 ug/L	504623	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	78
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

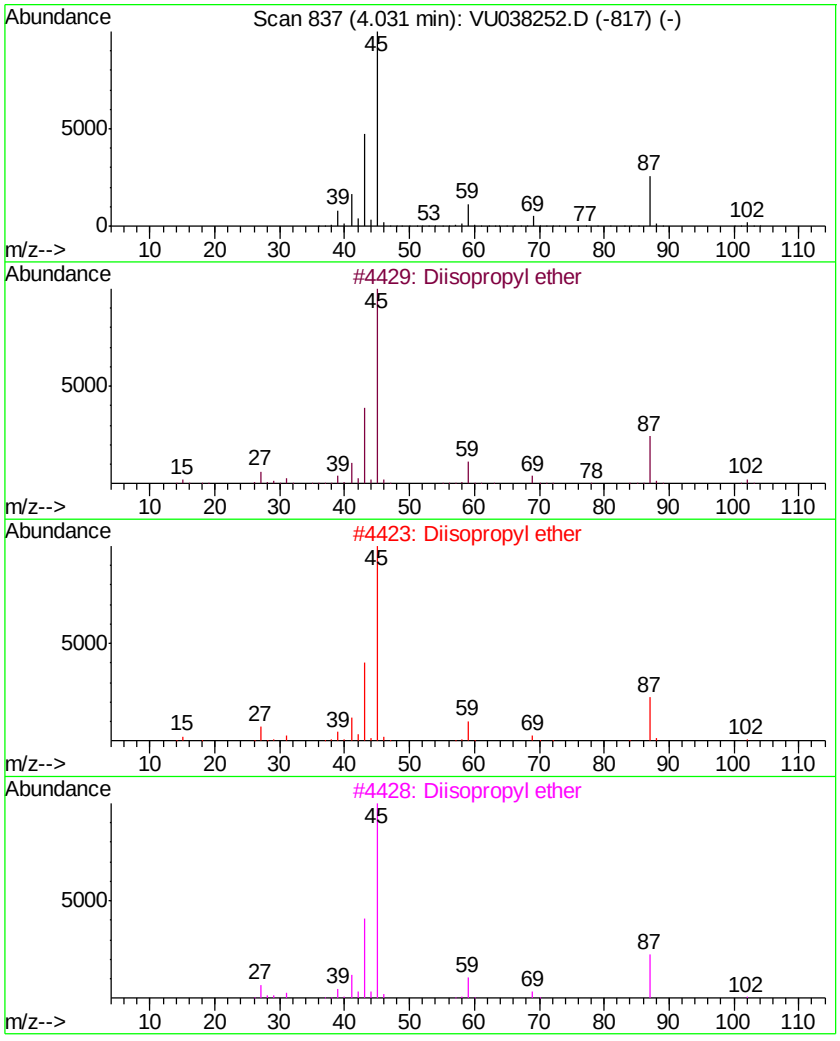
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

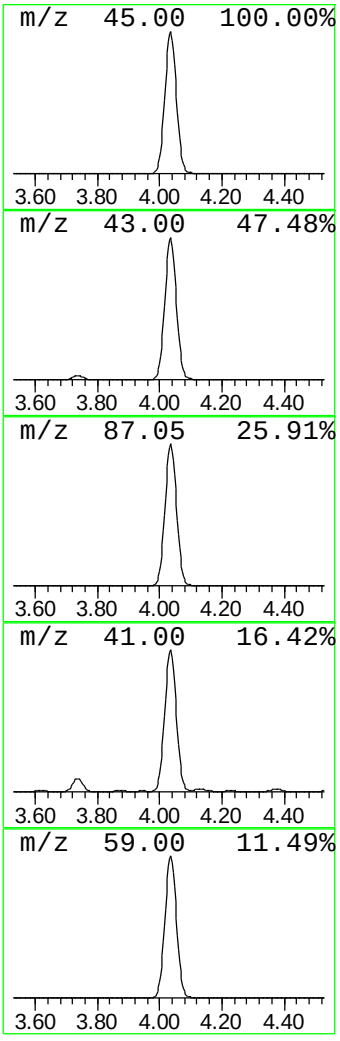
****

Peak Number 6 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	91.03 ug/L	14953700	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

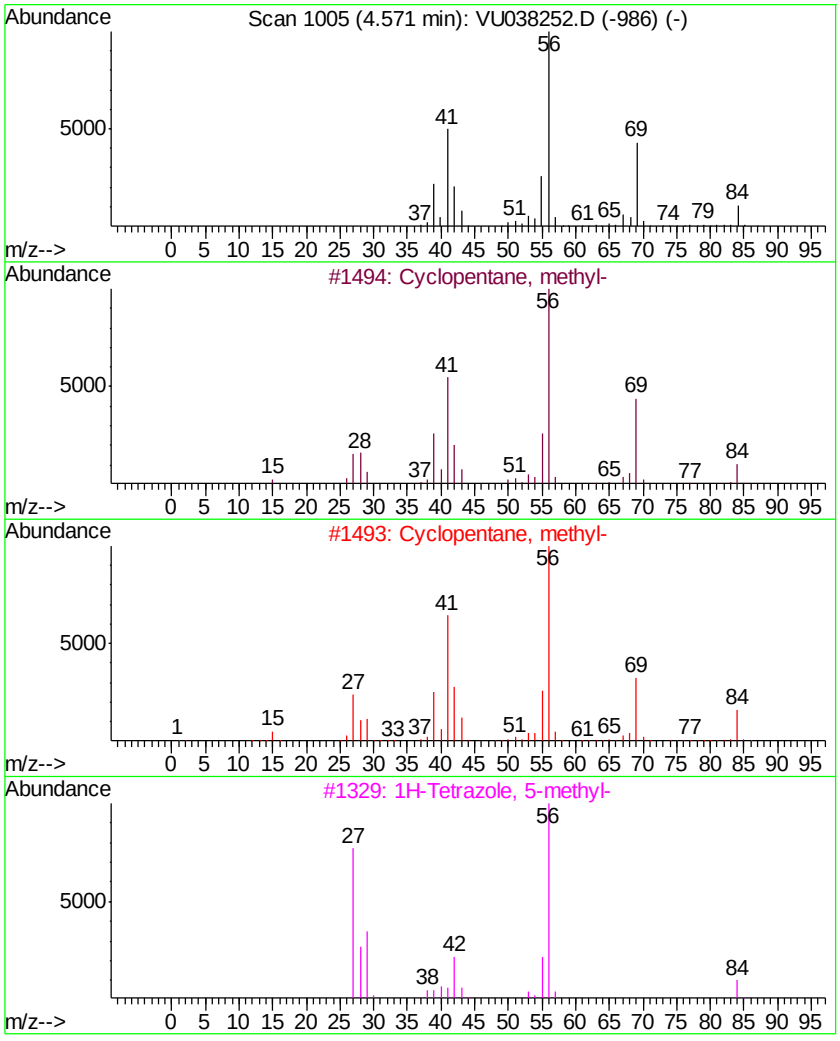
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

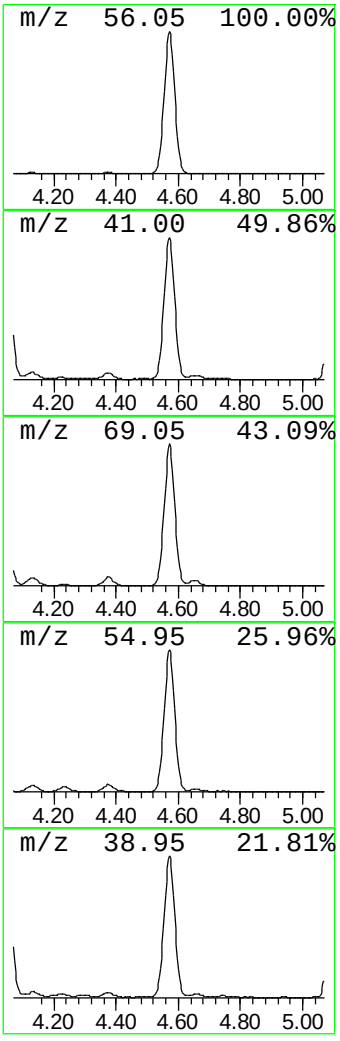
****

Peak Number 7 (DEL) Alkane: Cyclic4.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	16.01 ug/L	2629440	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

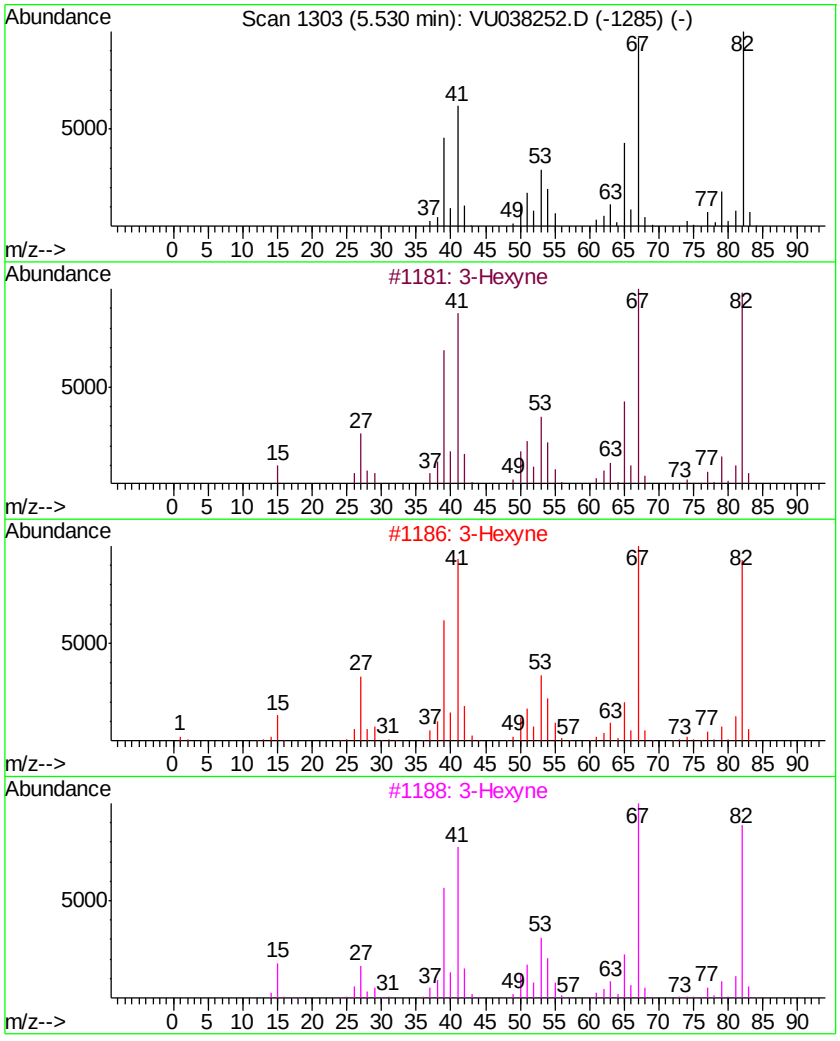
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

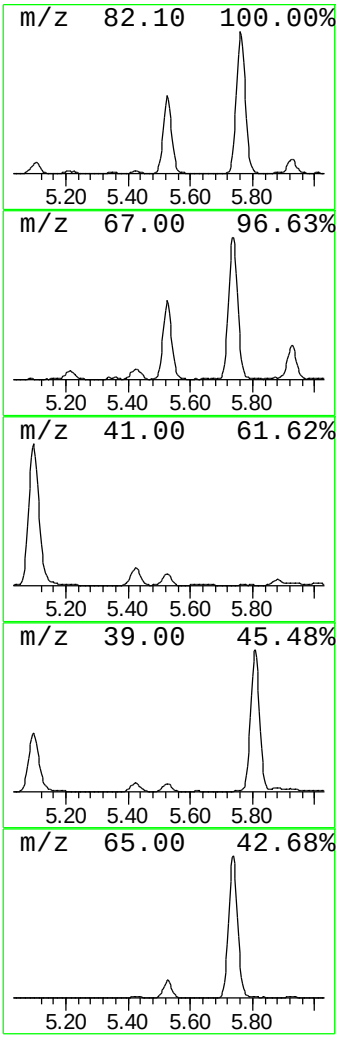
****

Peak Number 8 3-Hexyne Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	1.33 ug/L	219159	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	93
2	3-Hexyne	82	C6H10	000928-49-4	60
3	3-Hexyne	82	C6H10	000928-49-4	55
4	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	43
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

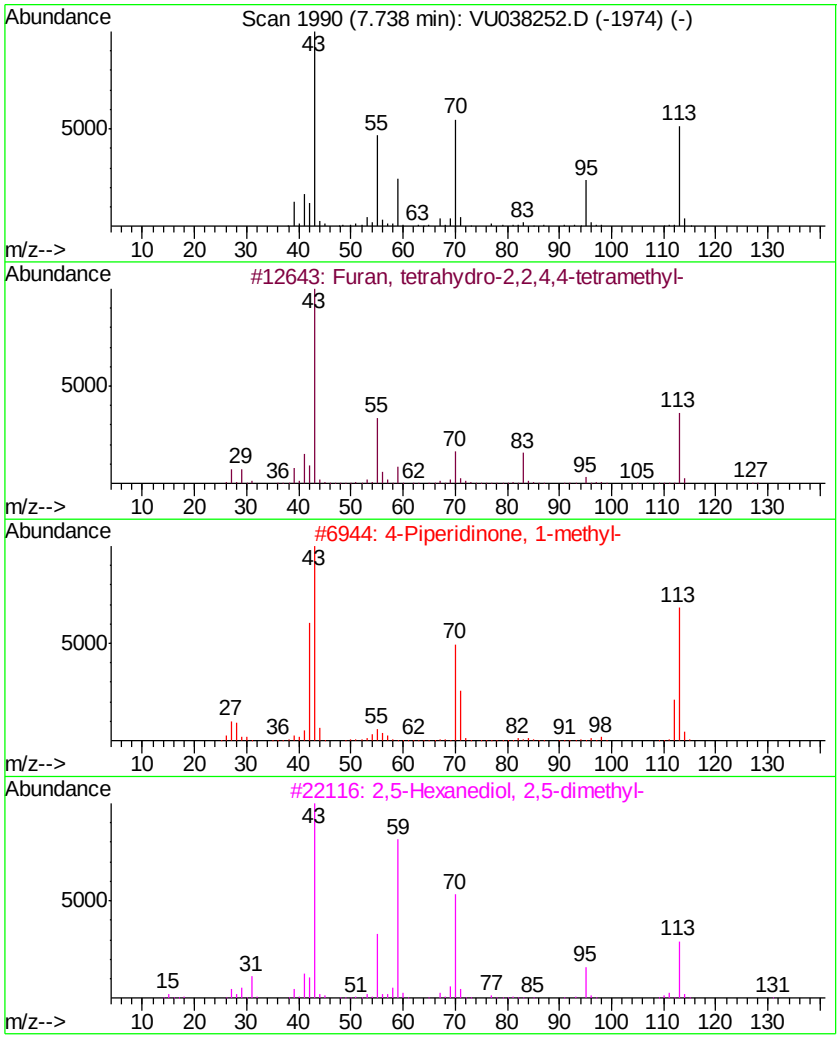
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

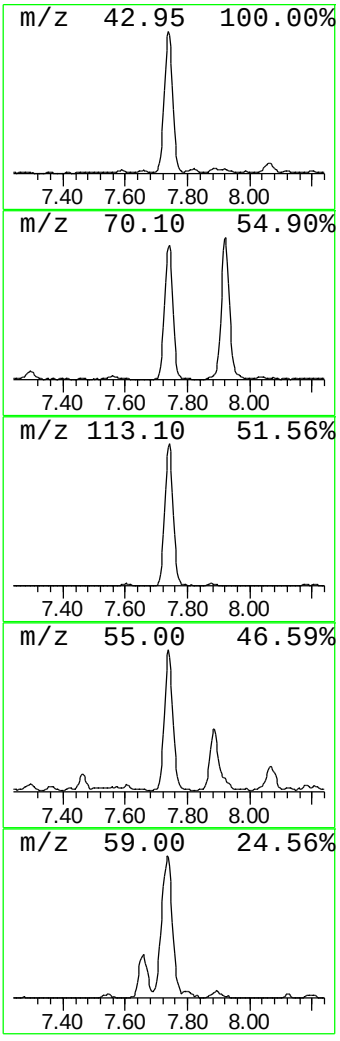
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Furan, tetrahydro-2,2,4,4-t... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	2.28 ug/L	374028	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
2	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	52
3	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	50
4	1,3,5-Triazine-2,4(1H,3H)-dione	113	C3H3N3O2	000071-33-0	47
5	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	47





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

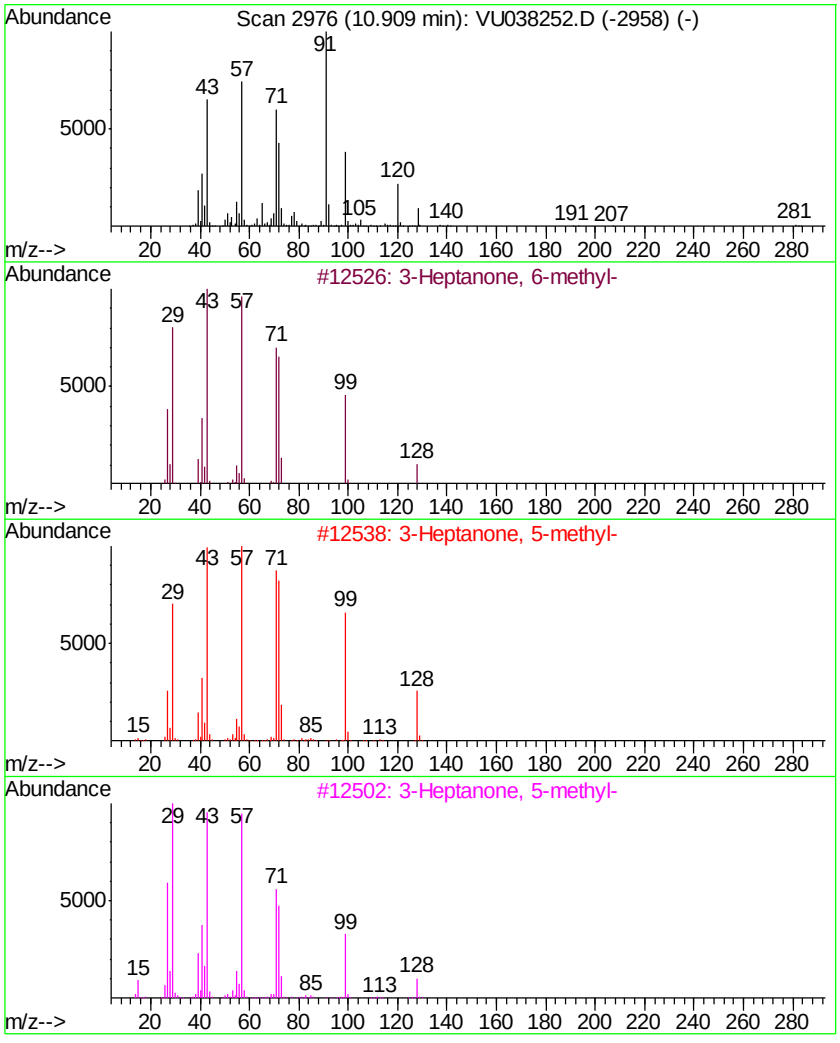
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

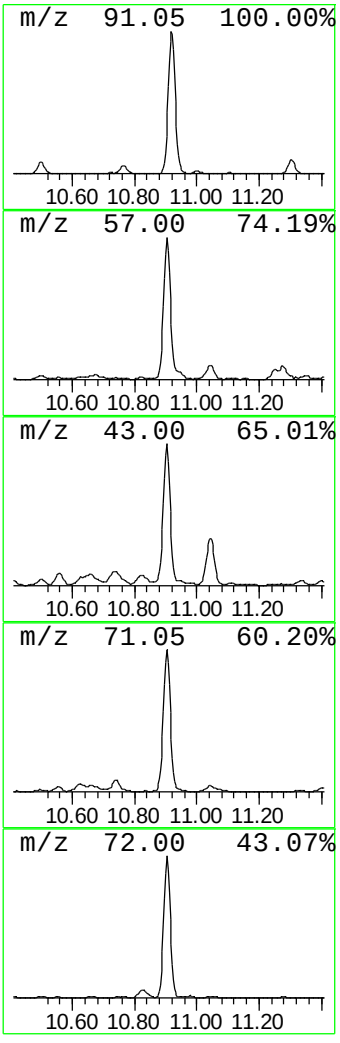
****

Peak Number 11 3-Heptanone, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	10.09 ug/L	2026320	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	92
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	70
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	62
4	3-Octanone	128	C8H16O	000106-68-3	58
5	3-Octanone	128	C8H16O	000106-68-3	53





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

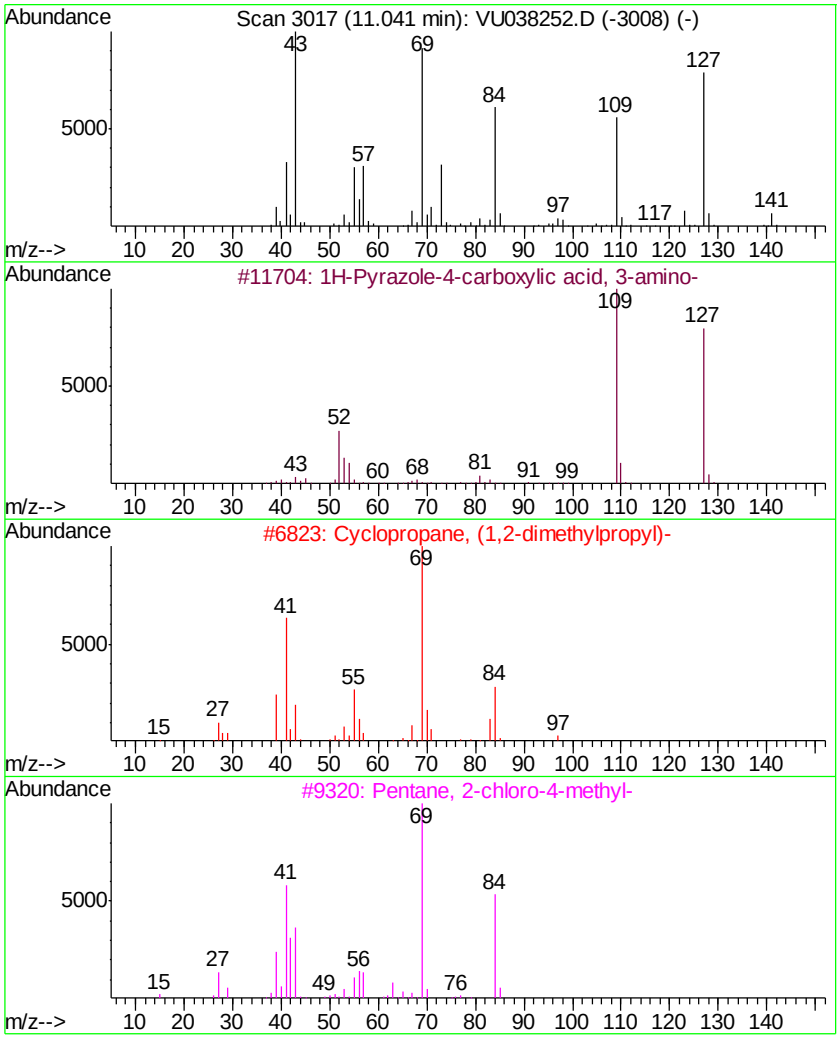
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

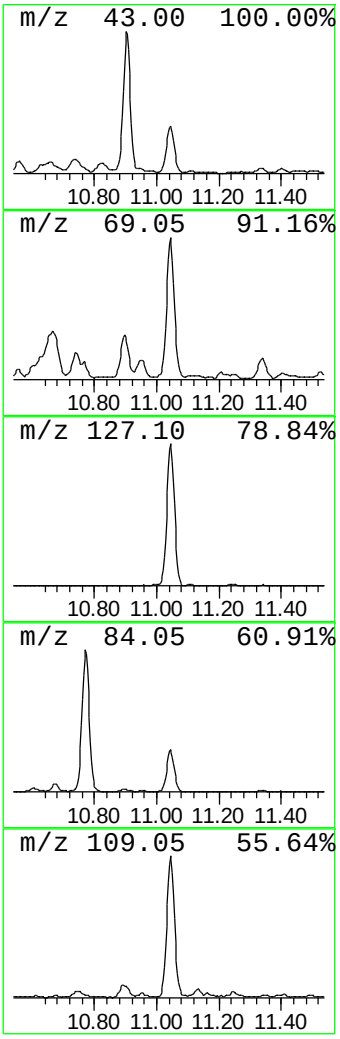
****

Peak Number 12 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.05 ug/L	411571	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	35
2	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	27
3	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	27
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	27
5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	27





Library Search Compound Report

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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

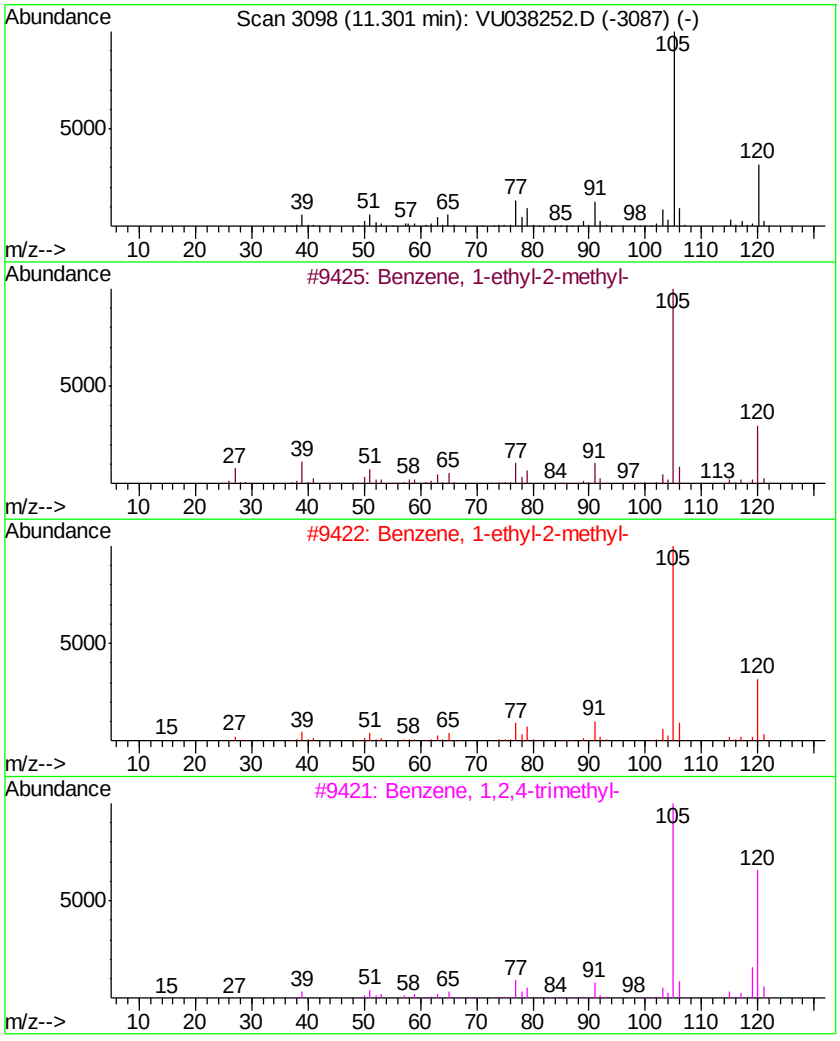
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

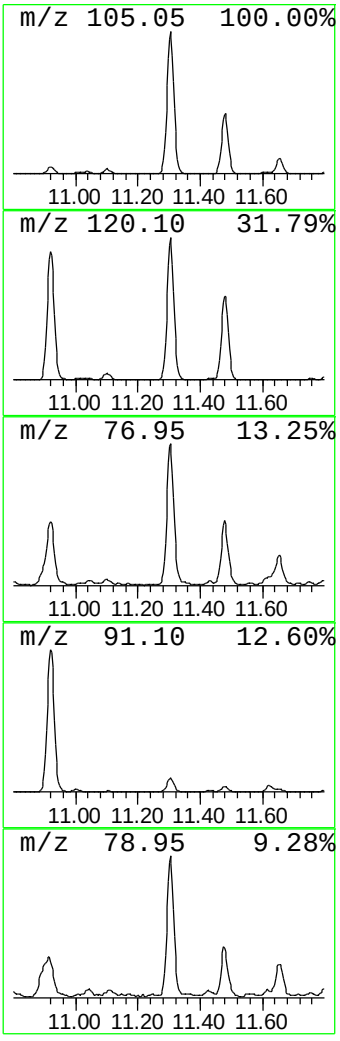
****

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.17 ug/L	838019	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

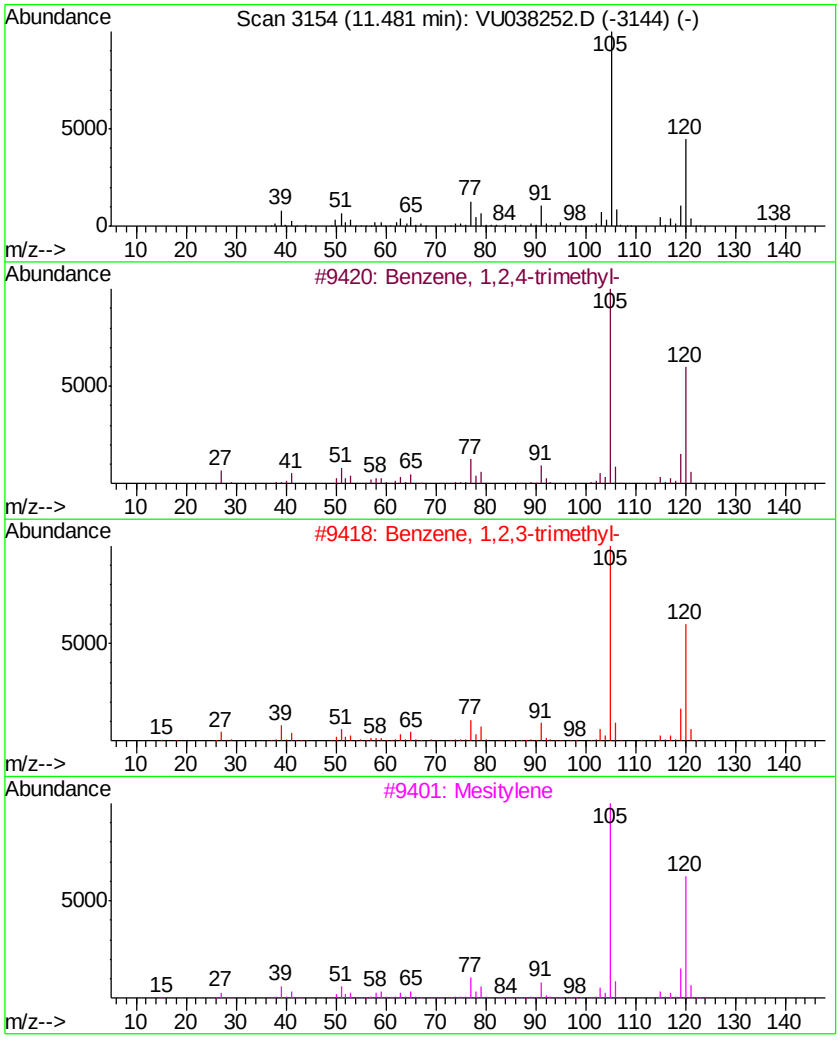
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

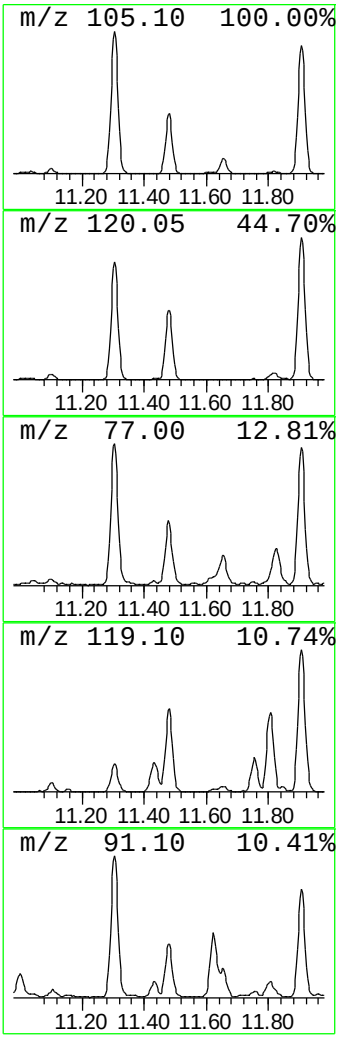
****

Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	1.69 ug/L	338426	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

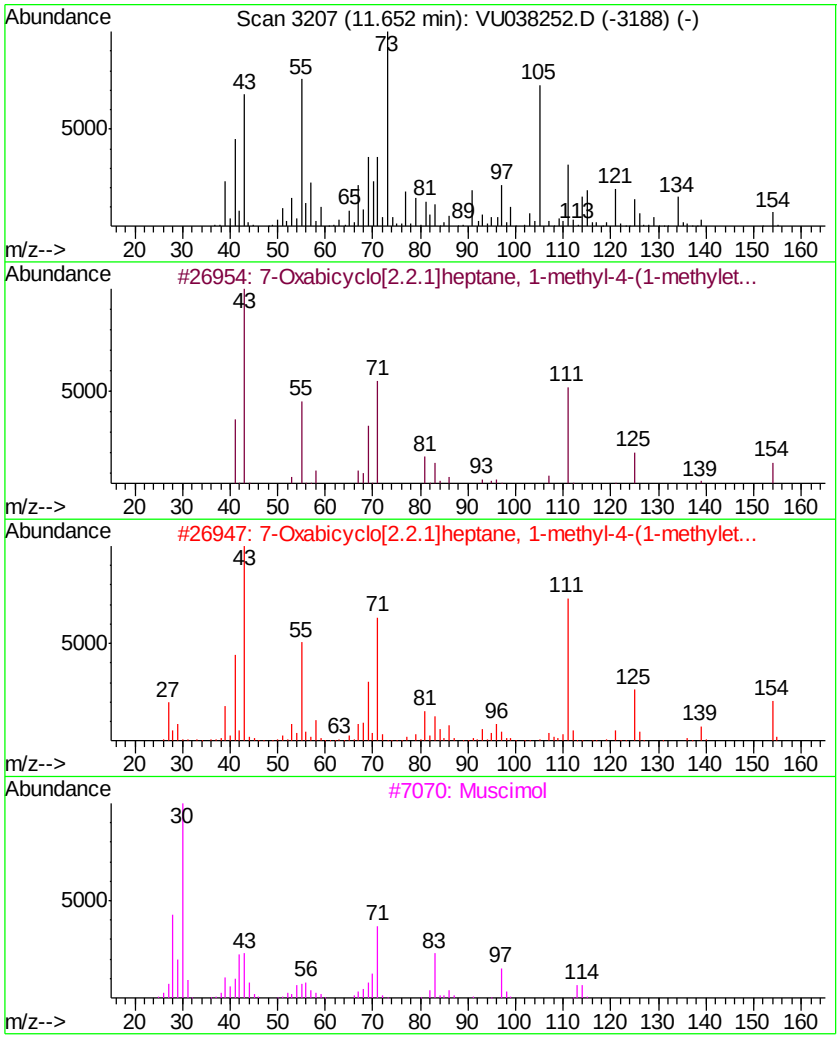
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

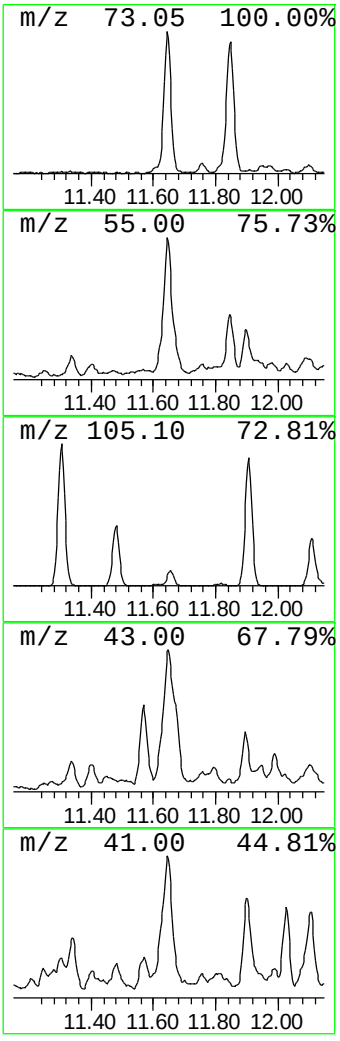
****

Peak Number 15 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.55 ug/L	712869	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	30
3	Muscimol	114	C4H6N2O2	002763-96-4	27
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	27
5	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	22





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

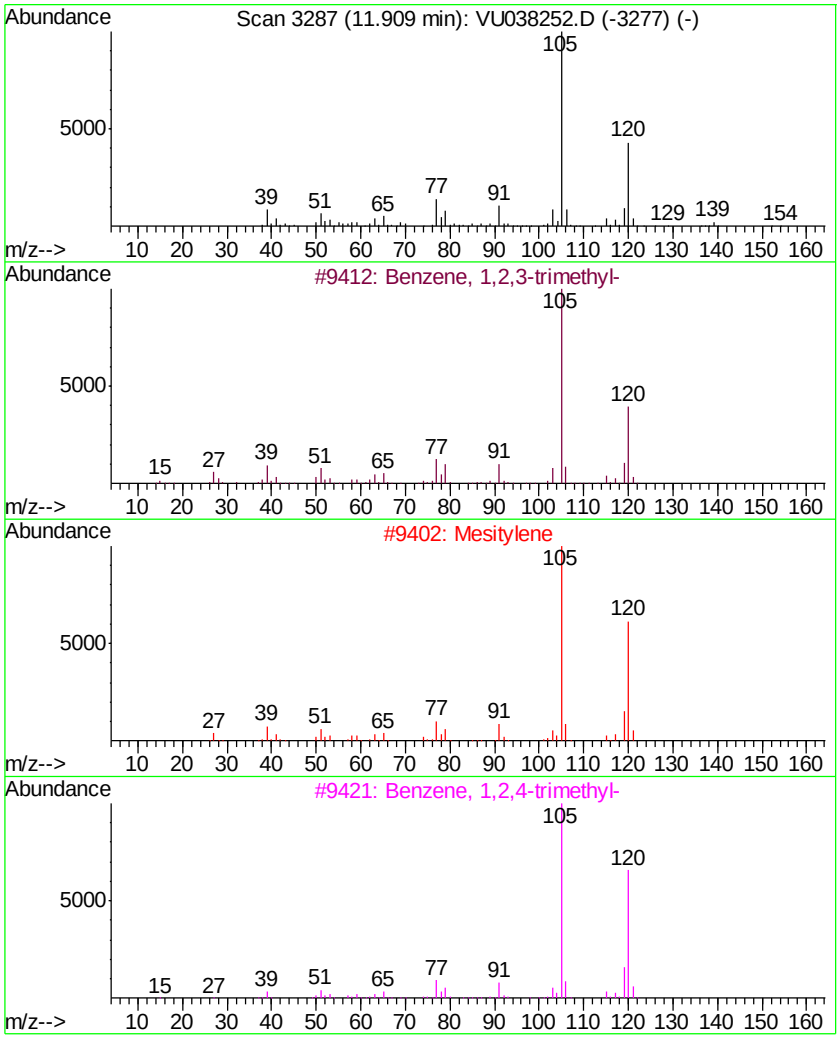
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

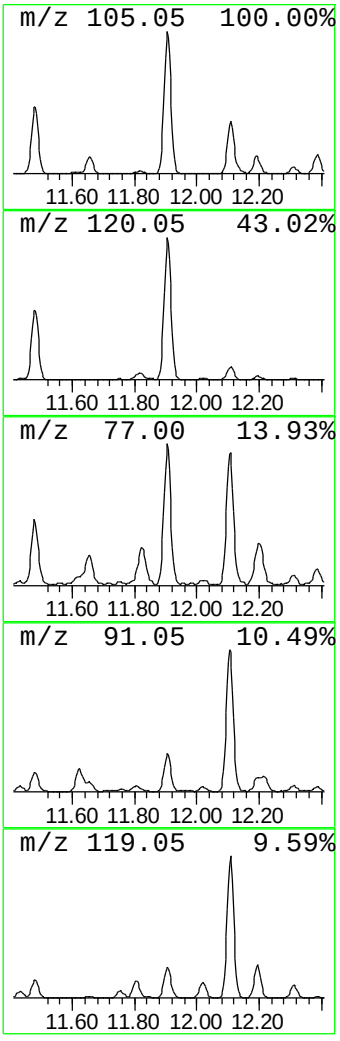
****

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.13 ug/L	830437	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	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

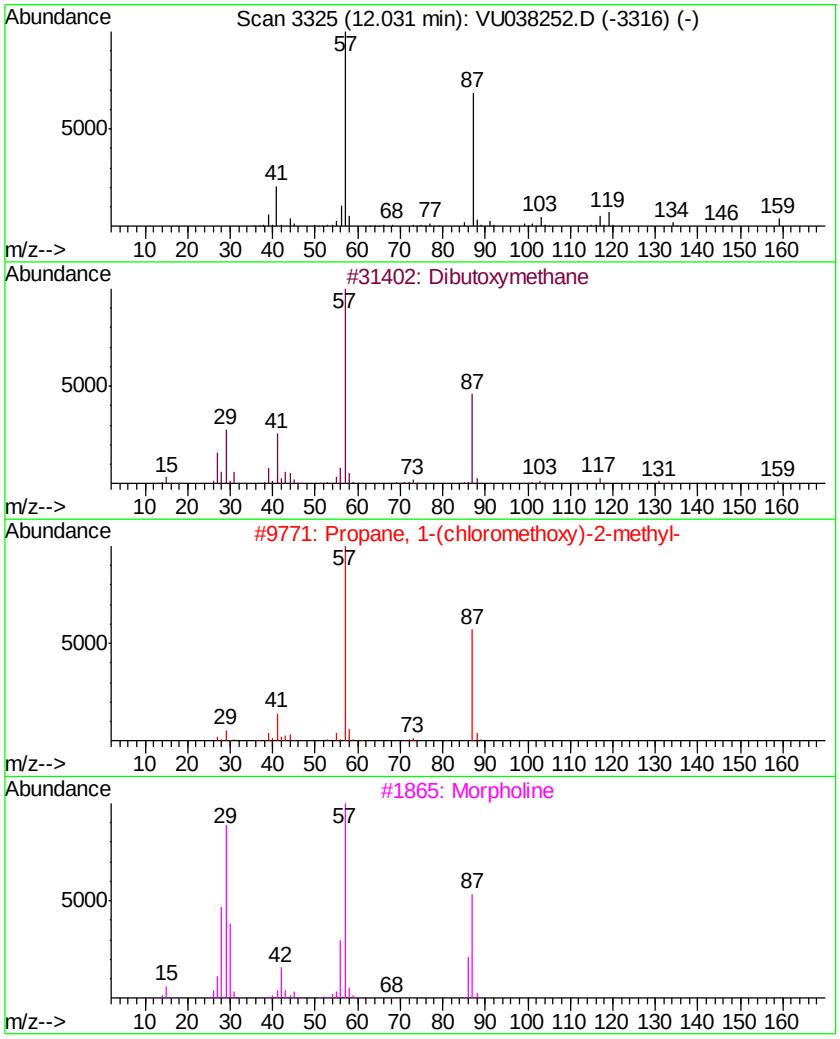
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

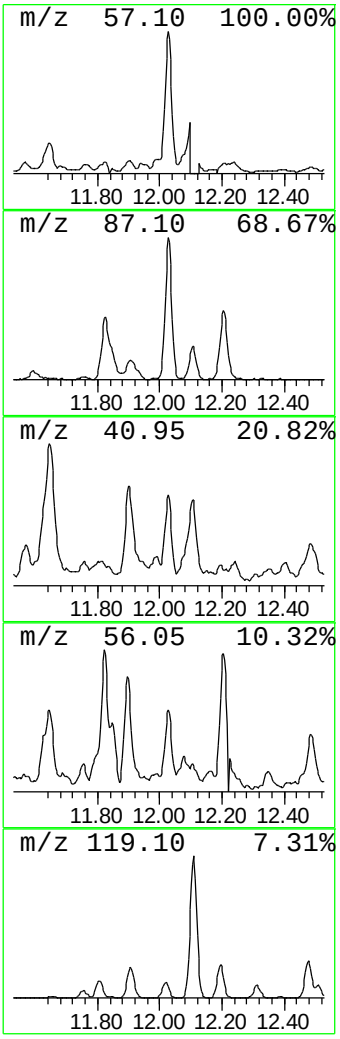
****

Peak Number 17 Dibutoxymethane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	0.78 ug/L	157242	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutoxymethane	160	C9H20O2	002568-90-3	64
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	38
3	Morpholine	87	C4H9NO	000110-91-8	38
4	Morpholine	87	C4H9NO	000110-91-8	38
5	2-[2-[2-(2-Butoxyethoxy)ethoxy]e...	292	C14H28O6	1000351-93-9	36





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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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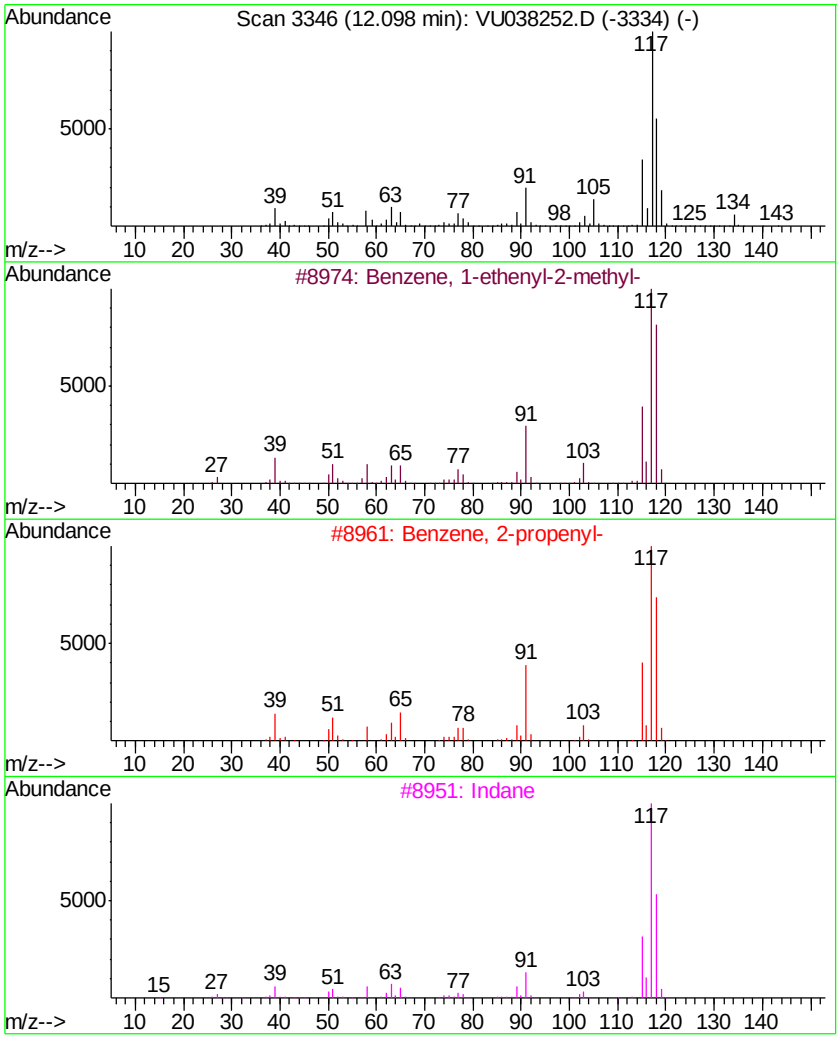
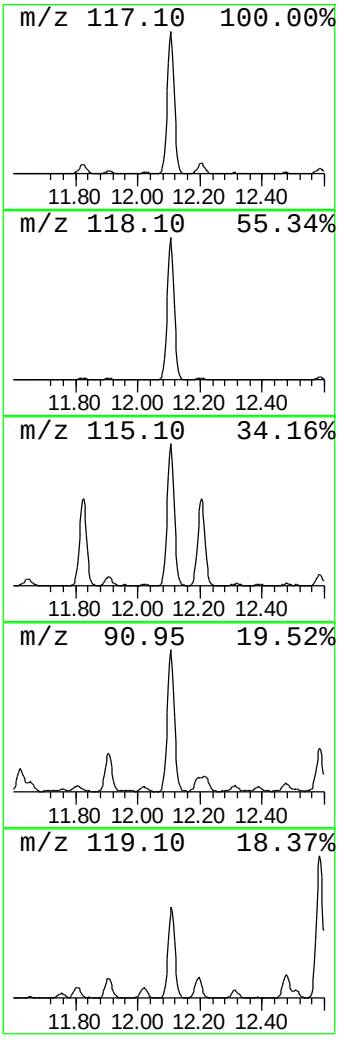
Peak Number 18 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	9.77 ug/L	1962300	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Library Search Compound Report

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Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

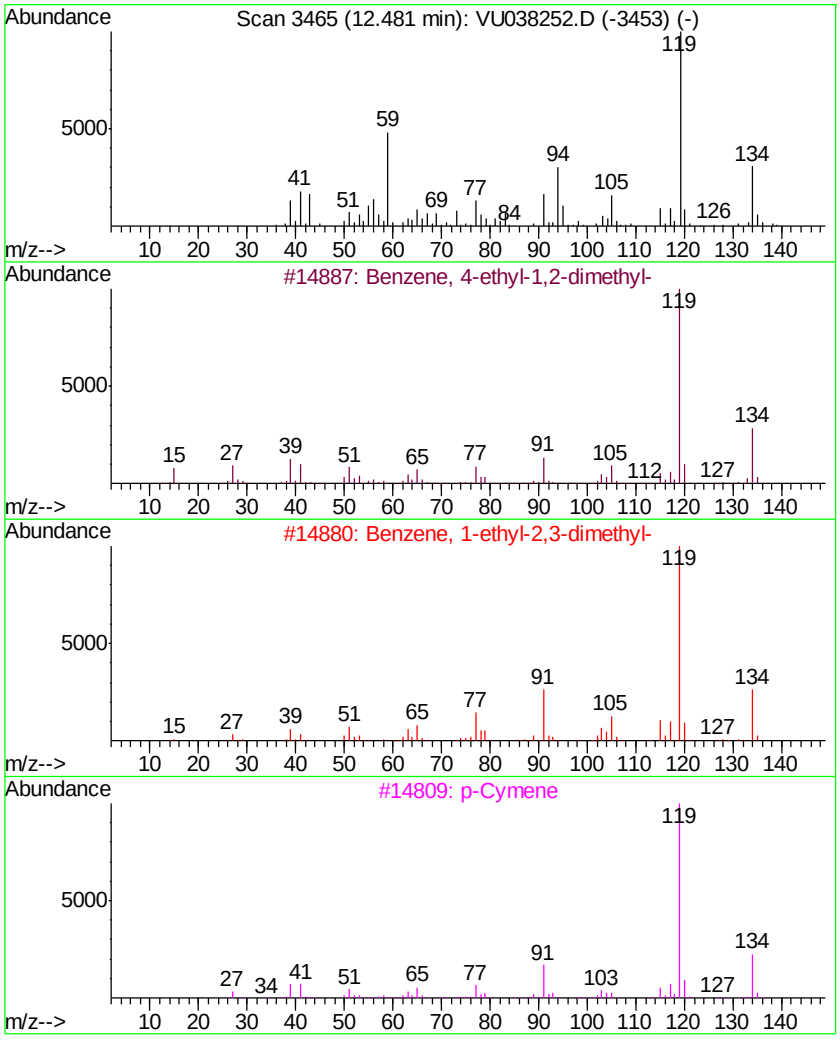
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

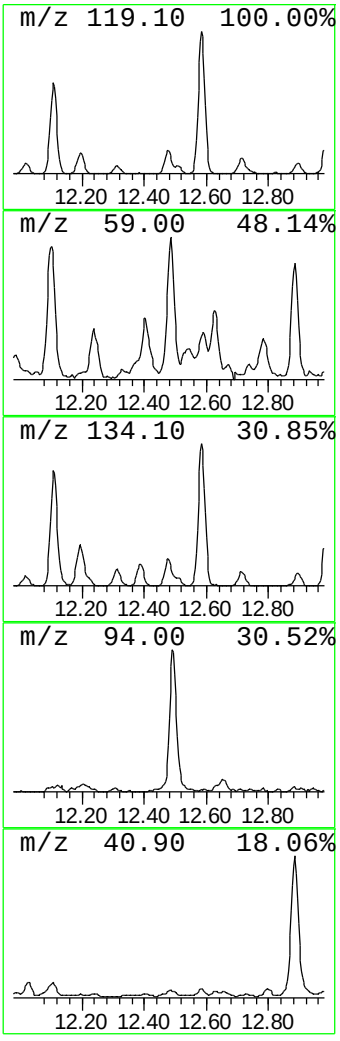
****

Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.01 ug/L	203757	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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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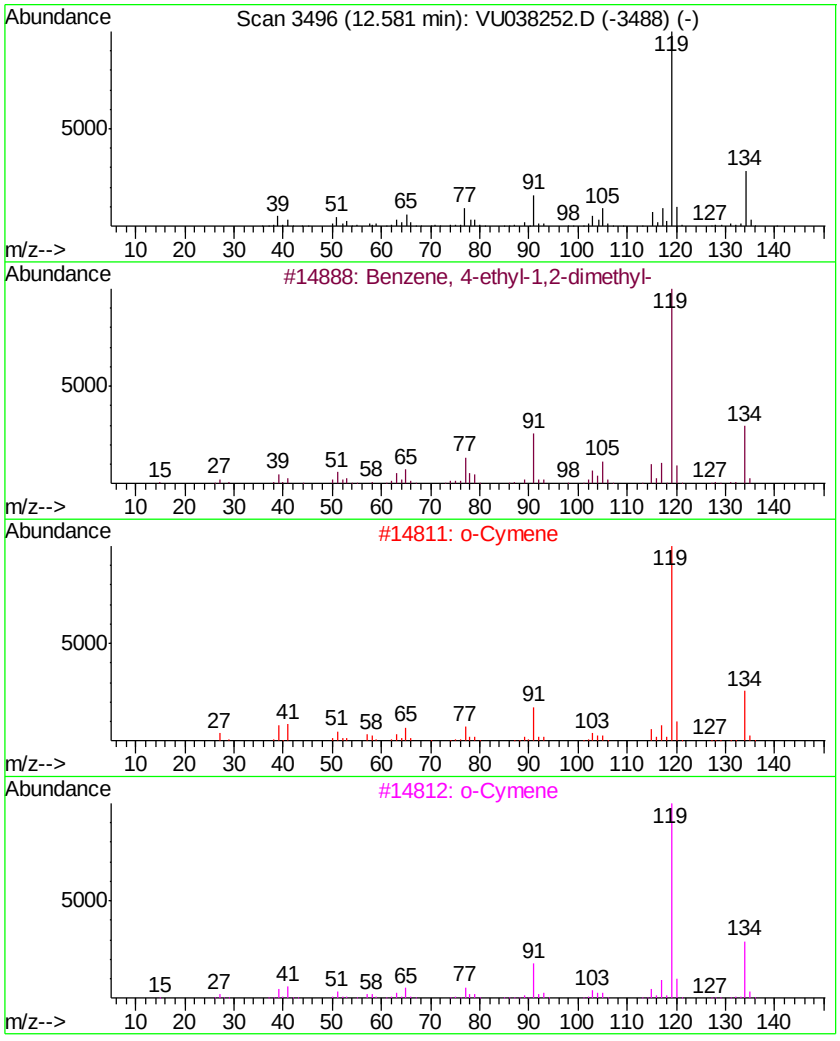
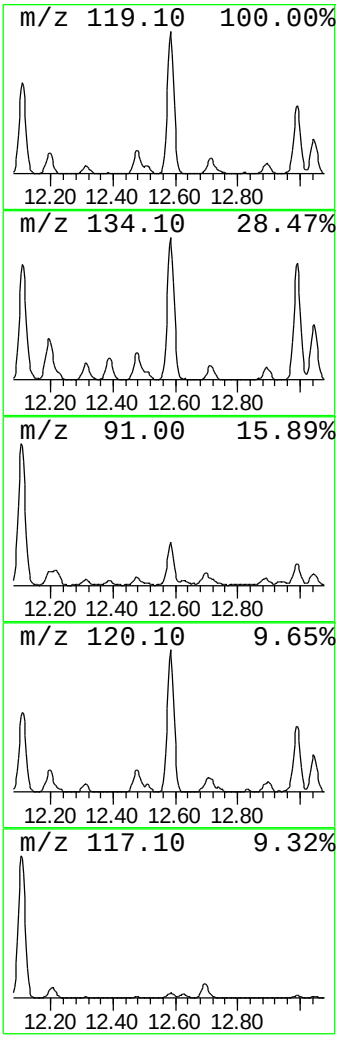
Peak Number 20 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.17 ug/L	436688	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

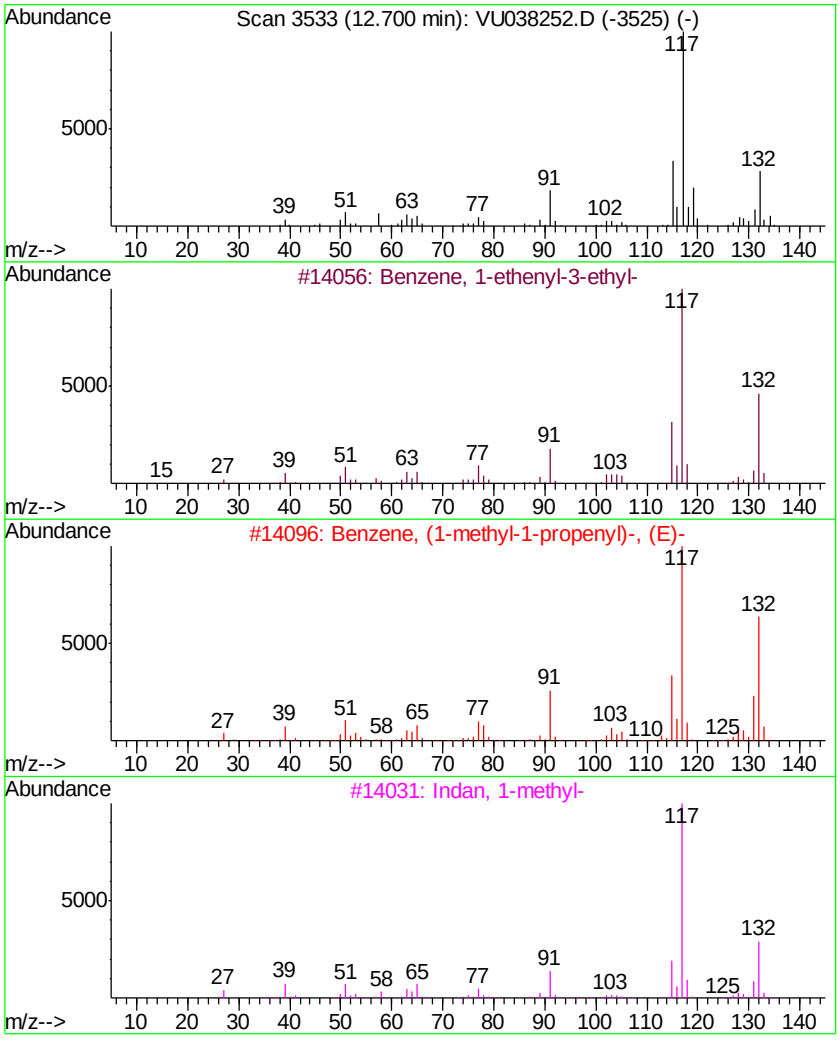
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

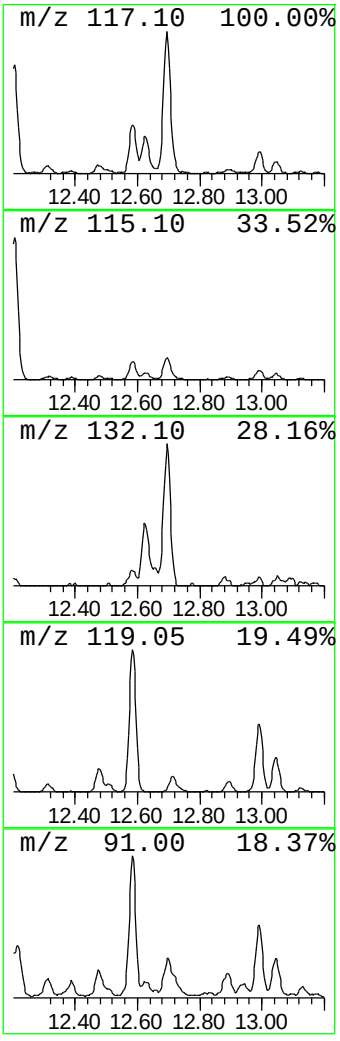
****

Peak Number 21 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	1.04 ug/L	209216	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

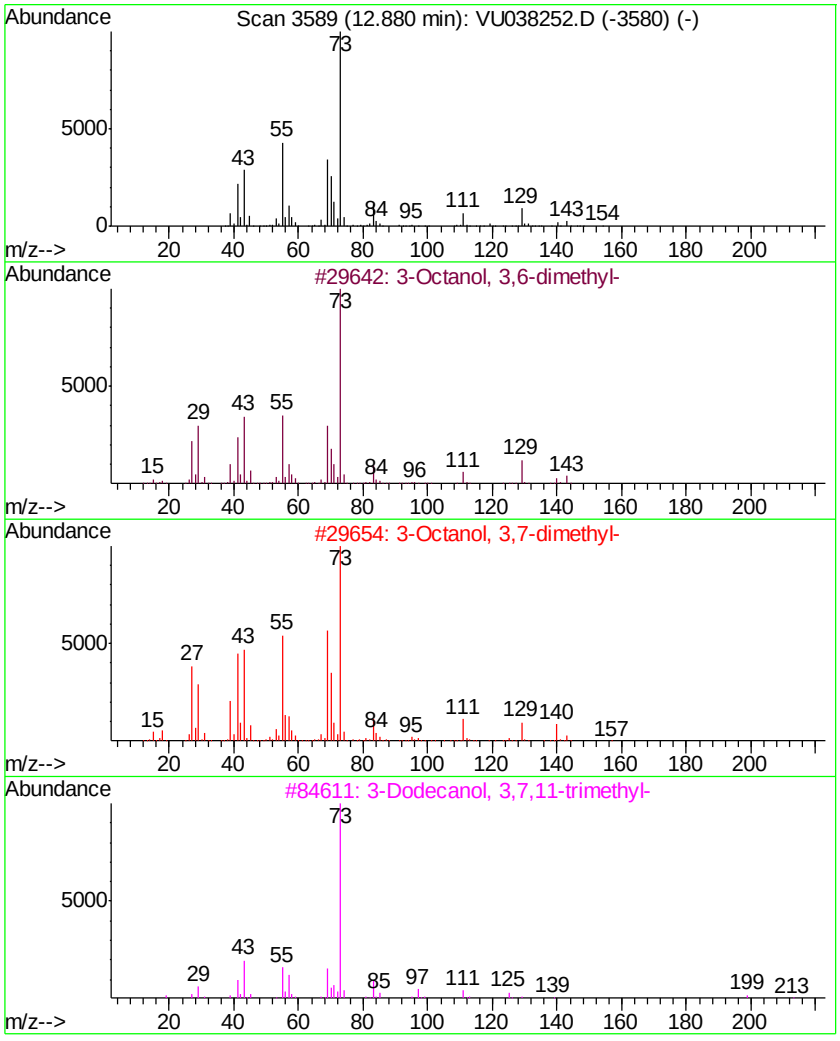
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

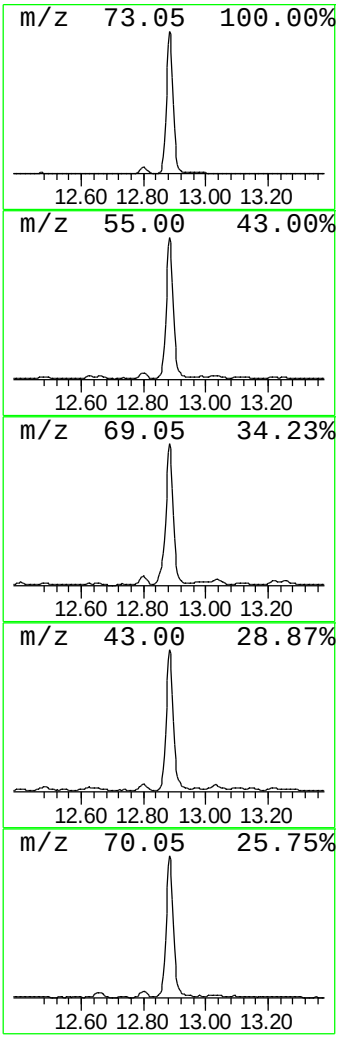
****

Peak Number 22 3-Octanol, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	11.02 ug/L	2213480	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	78
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	56
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

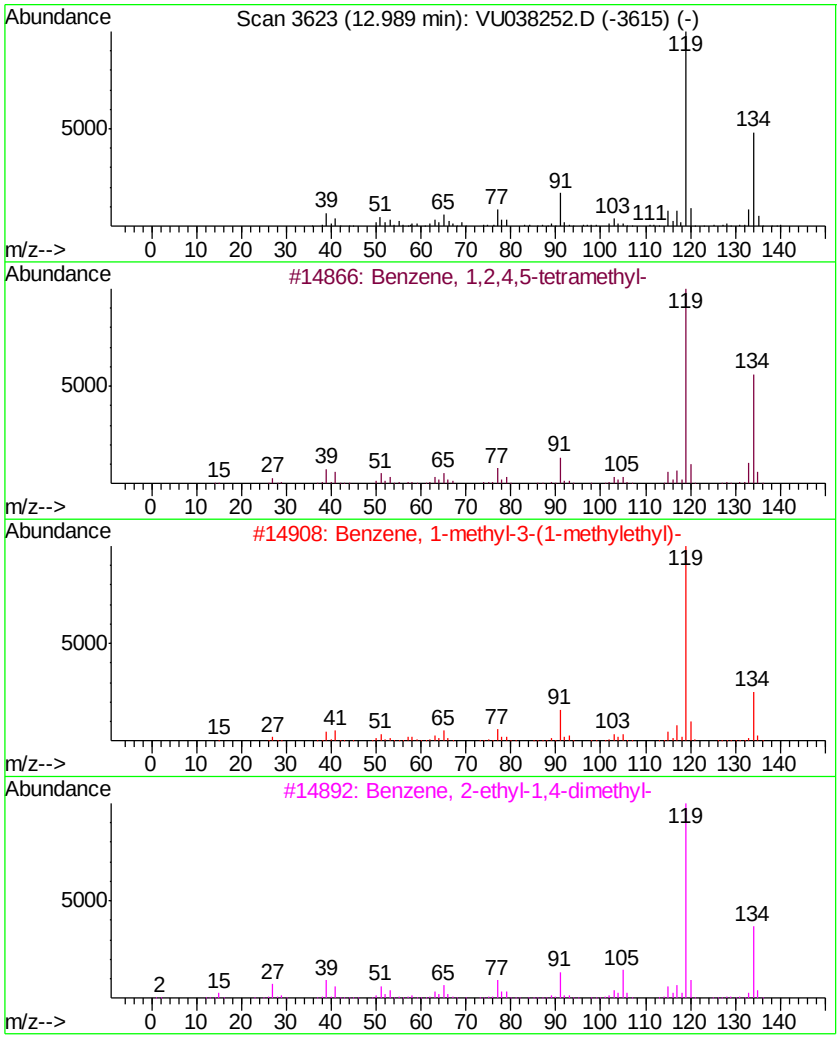
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

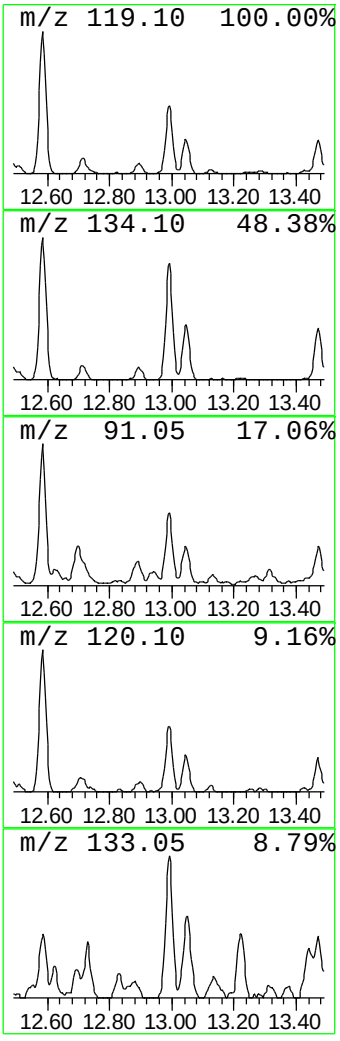
****

Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	1.33 ug/L	267862	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

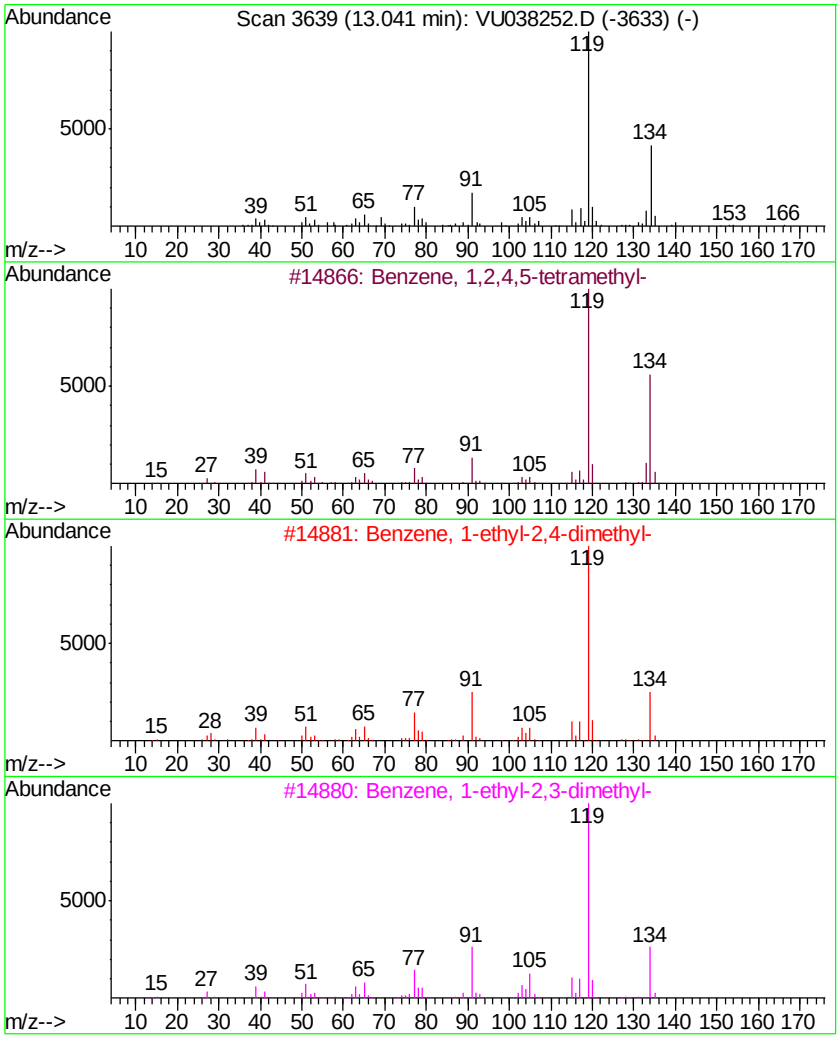
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

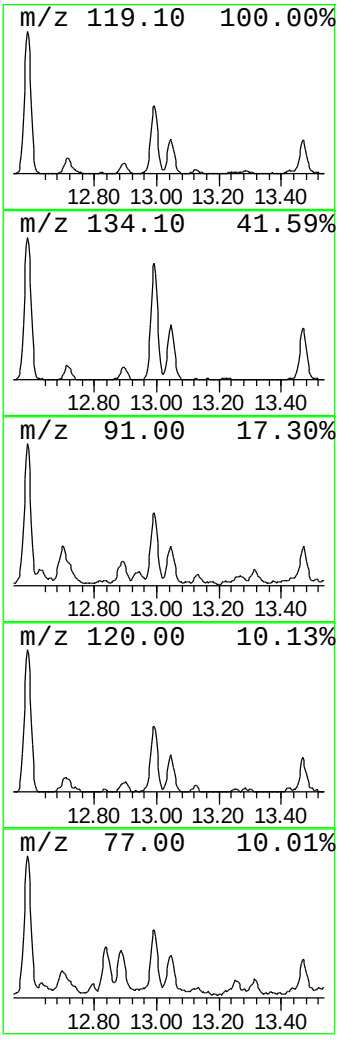
****

Peak Number 24 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	0.96 ug/L	192922	1,4-Dichlorobenzene-d4	11.83

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

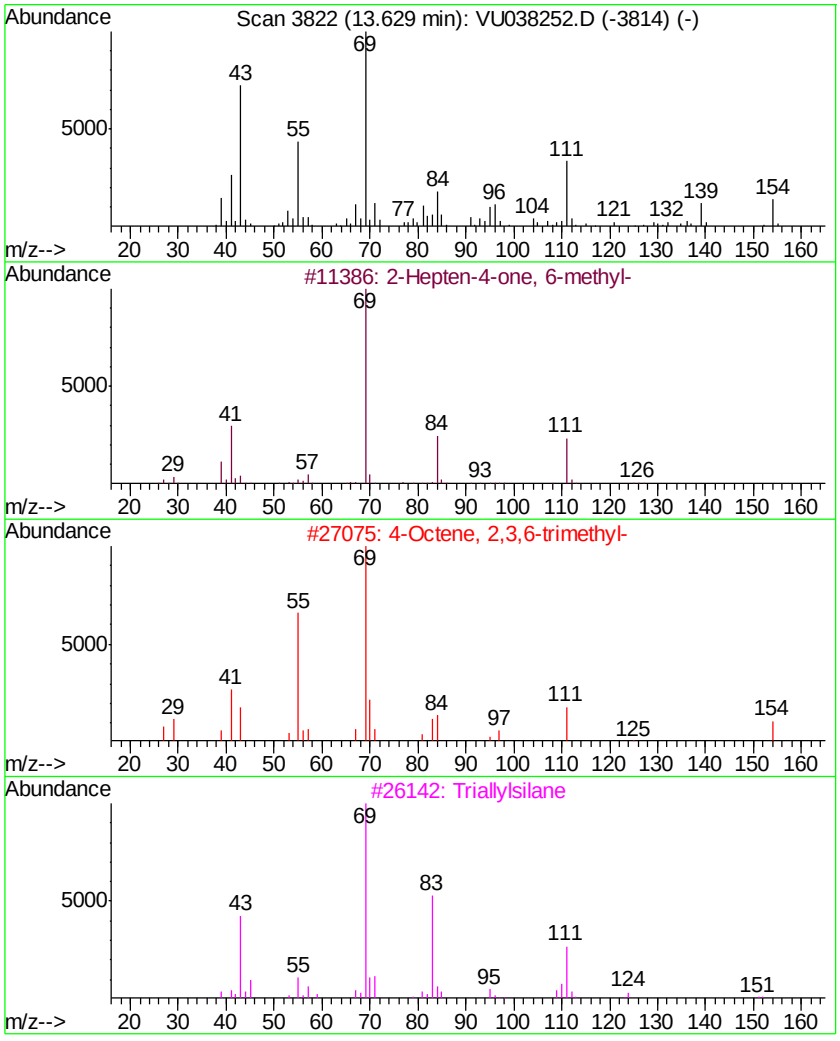
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

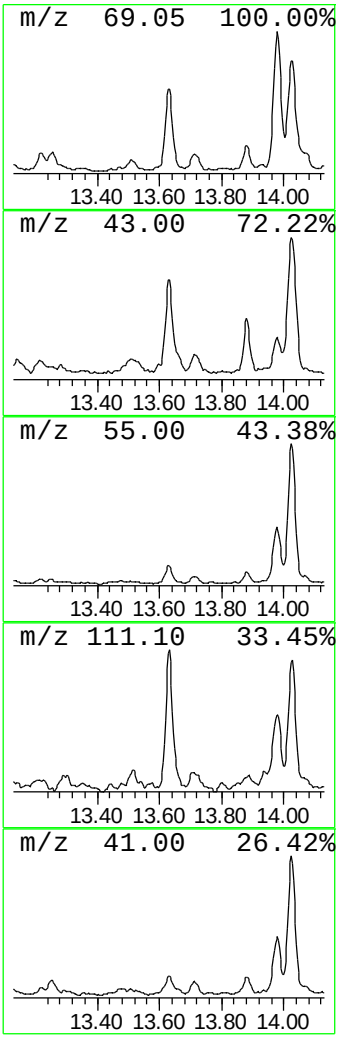
****

Peak Number 25 2-Hepten-4-one, 6-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.98 ug/L	197740	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-4-one, 6-methyl-	126	C8H14O	049852-35-9	53
2	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	53
3	Triallylsilane	152	C9H16Si	001116-62-7	53
4	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	50
5	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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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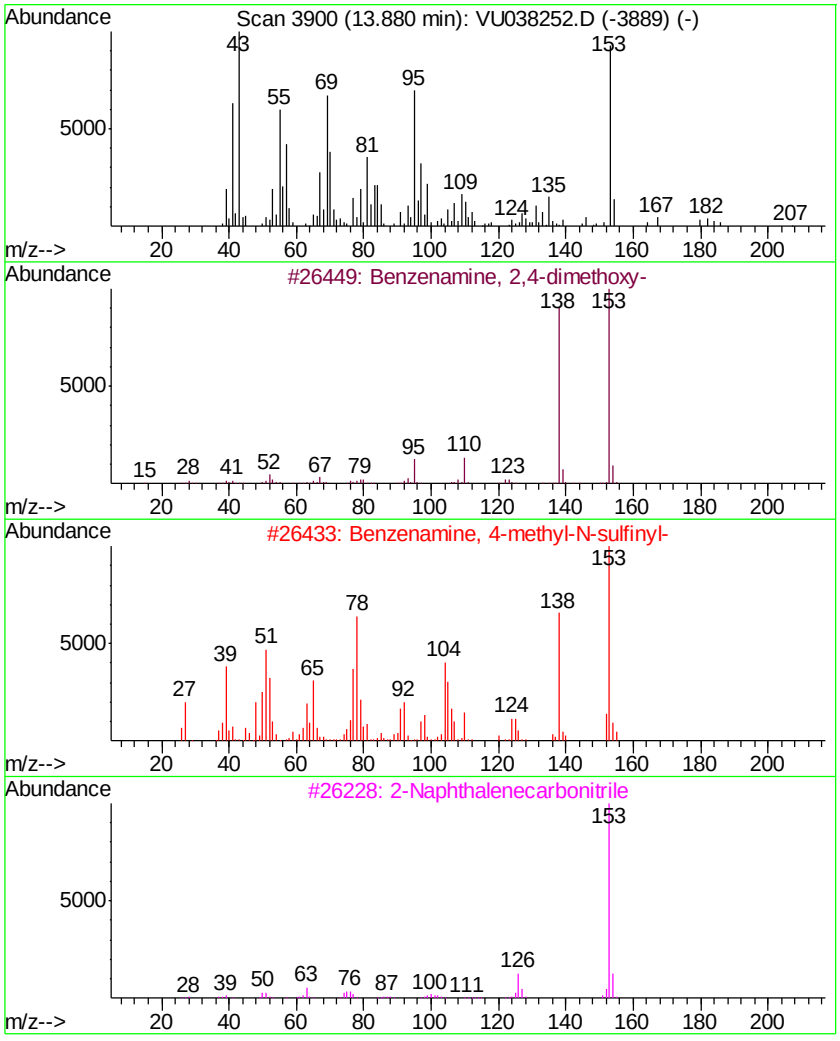
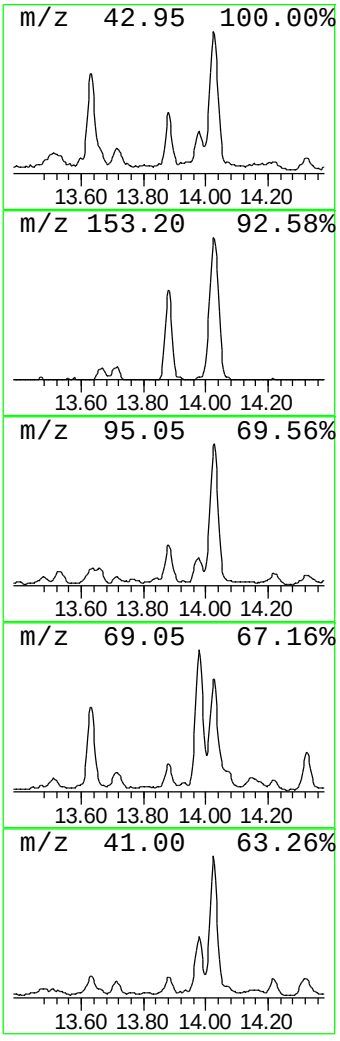
Peak Number 26 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	0.76 ug/L	152856	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4-dimethoxy-	153	C8H11NO2	002735-04-8	27
2	Benzenamine, 4-methyl-N-sulfinyl-	153	C7H7NOS	015795-42-3	25
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	22
4	7H-Pyrrolo(2,3-d)pyrimidine, 4-c...	153	C6H4ClN3	003680-69-1	22
5	2-Methyl-2-[(E)-4-methyl-1,3-pen...	168	C10H16O2	038818-63-2	22





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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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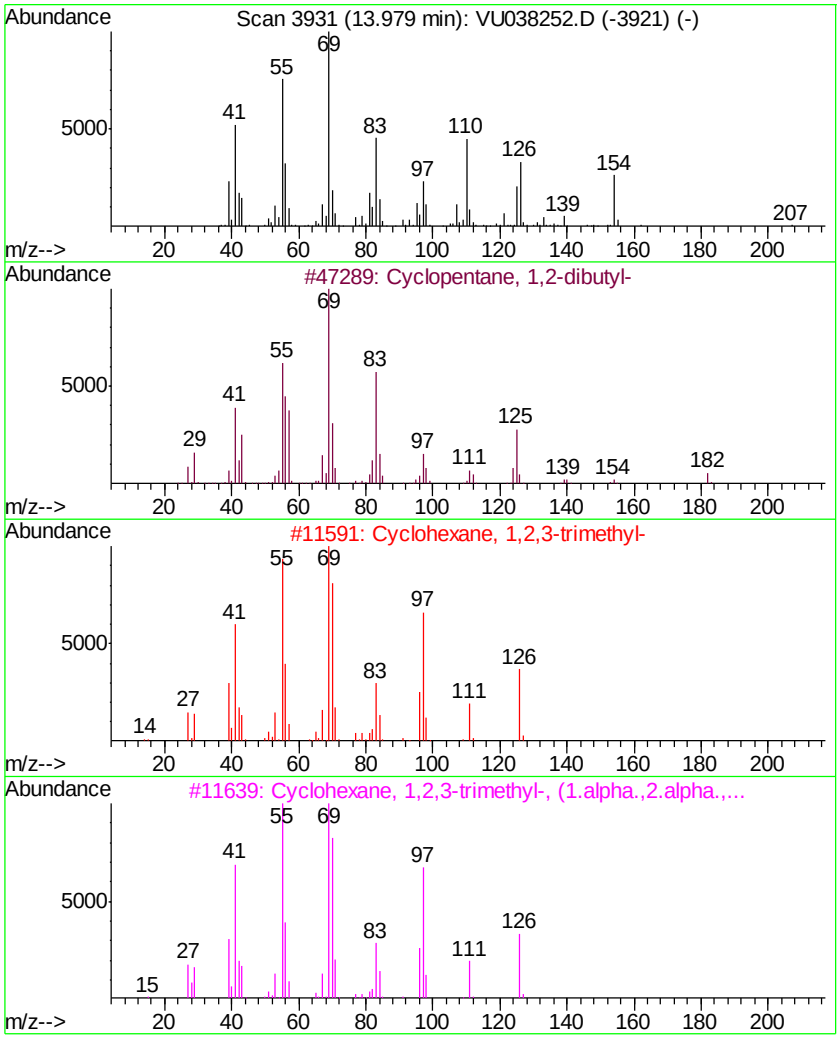
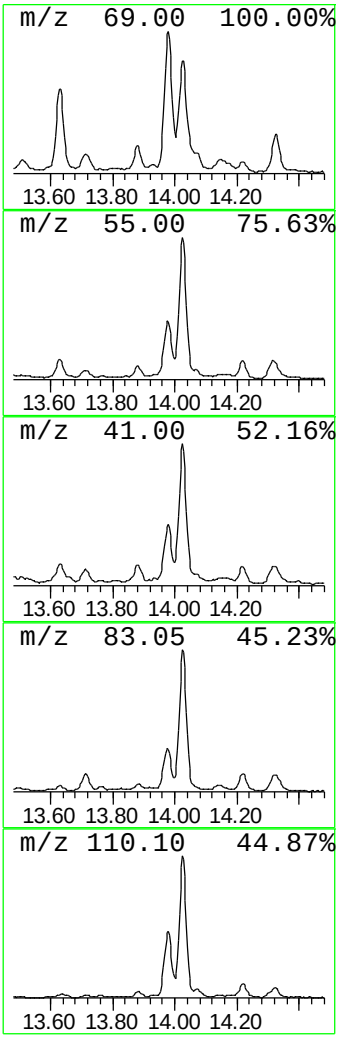
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.06 ug/L	413227	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	49
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	41
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
5	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

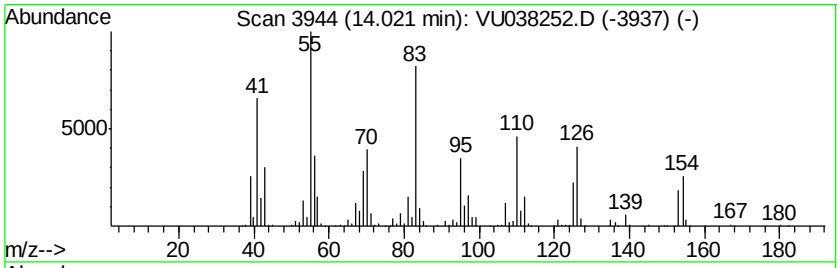
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

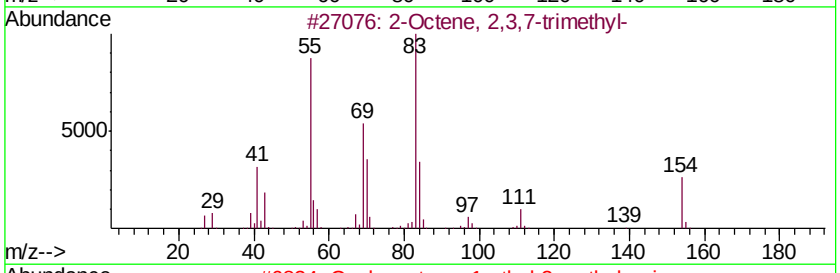
****

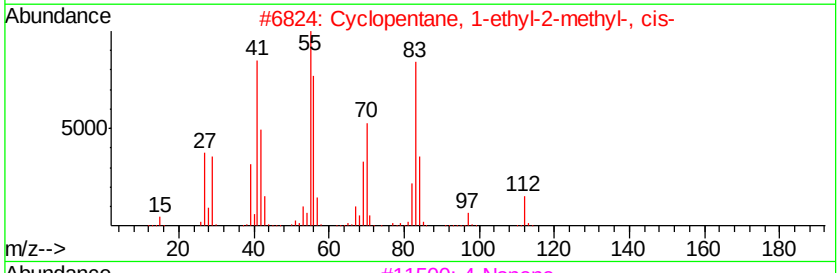
Peak Number 28 unknown-04 Concentration Rank 9

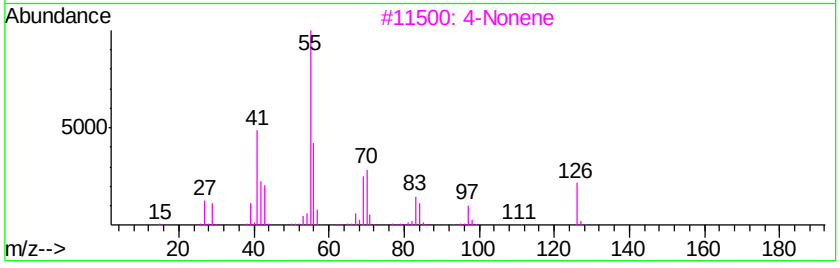
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.44 ug/L	891468	1,4-Dichlorobenzene-d4	11.83

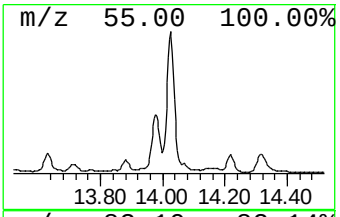
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	43
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	41
3	4-Nonene	126	C9H18	002198-23-4	38
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38
5	4-Nonene	126	C9H18	002198-23-4	35

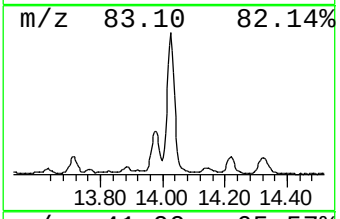


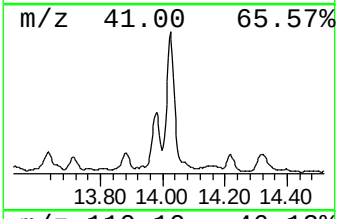


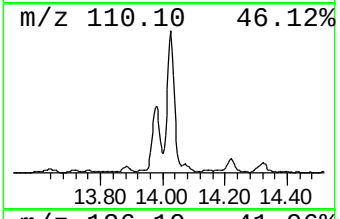


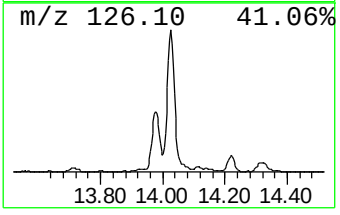












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

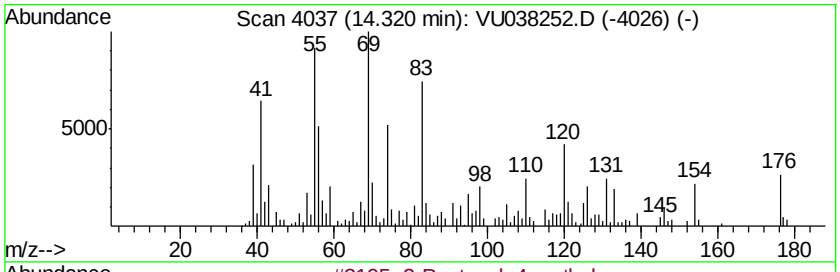
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

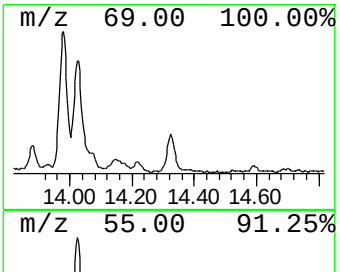
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	1.08 ug/L	217761	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	50
2	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	45
3	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	25
4	3-Methyldec-3-ene	154	C11H22	036969-75-2	20
5	Cyclopentanecarboxaldehyde	98	C6H10O	000872-53-7	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

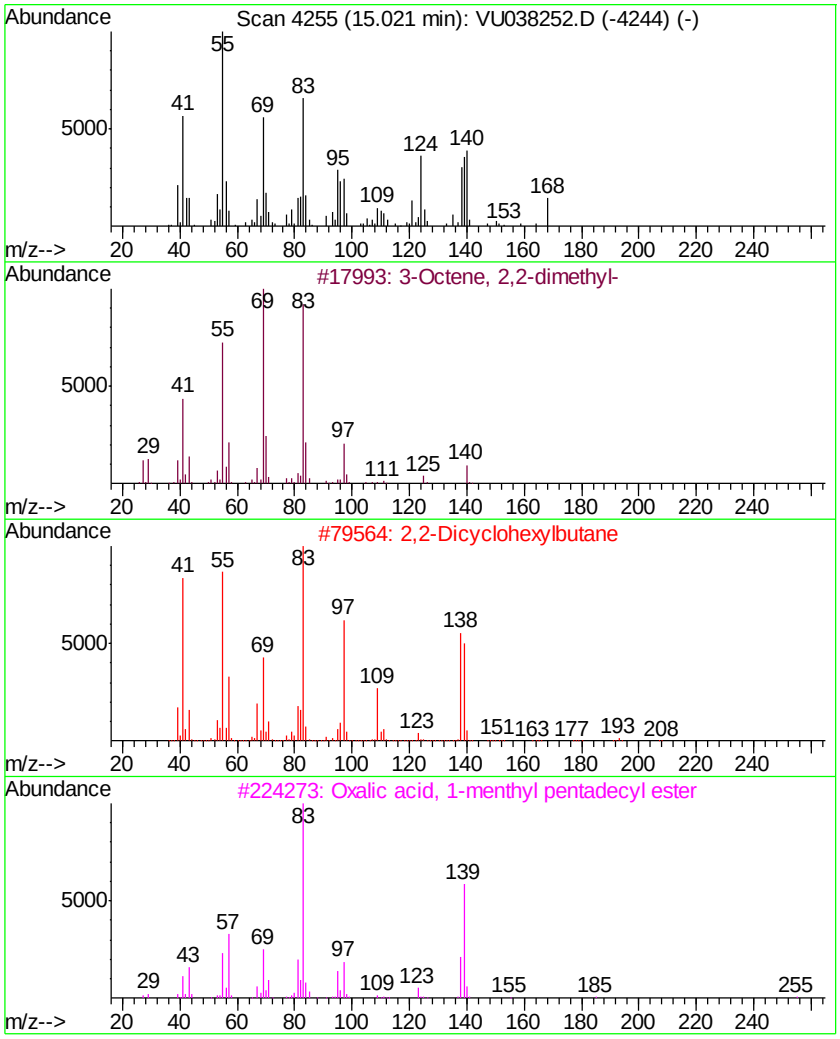
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

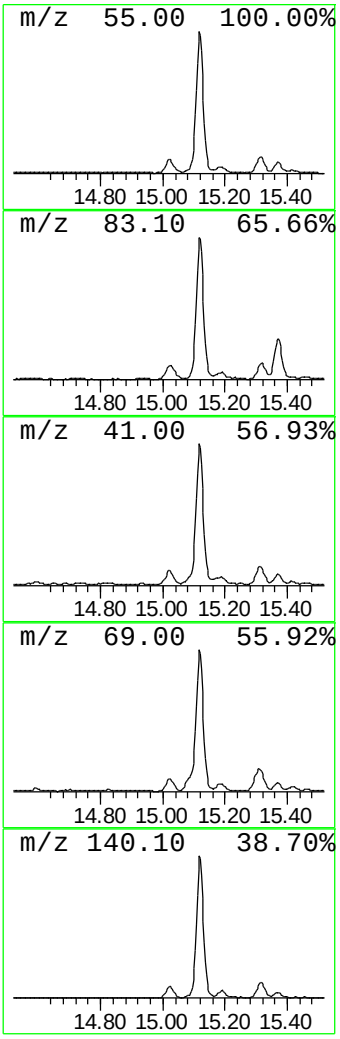
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic15.02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	1.00 ug/L	200068	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	38
2	2,2-Dicyclohexylbutane	222	C16H30	054890-02-7	38
3	Oxalic acid, 1-menthyl pentadecy...	438	C27H50O4	1000314-98-2	27
4	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	27
5	Oxalic acid, 1-menthyl tetradecy...	424	C26H48O4	1000314-98-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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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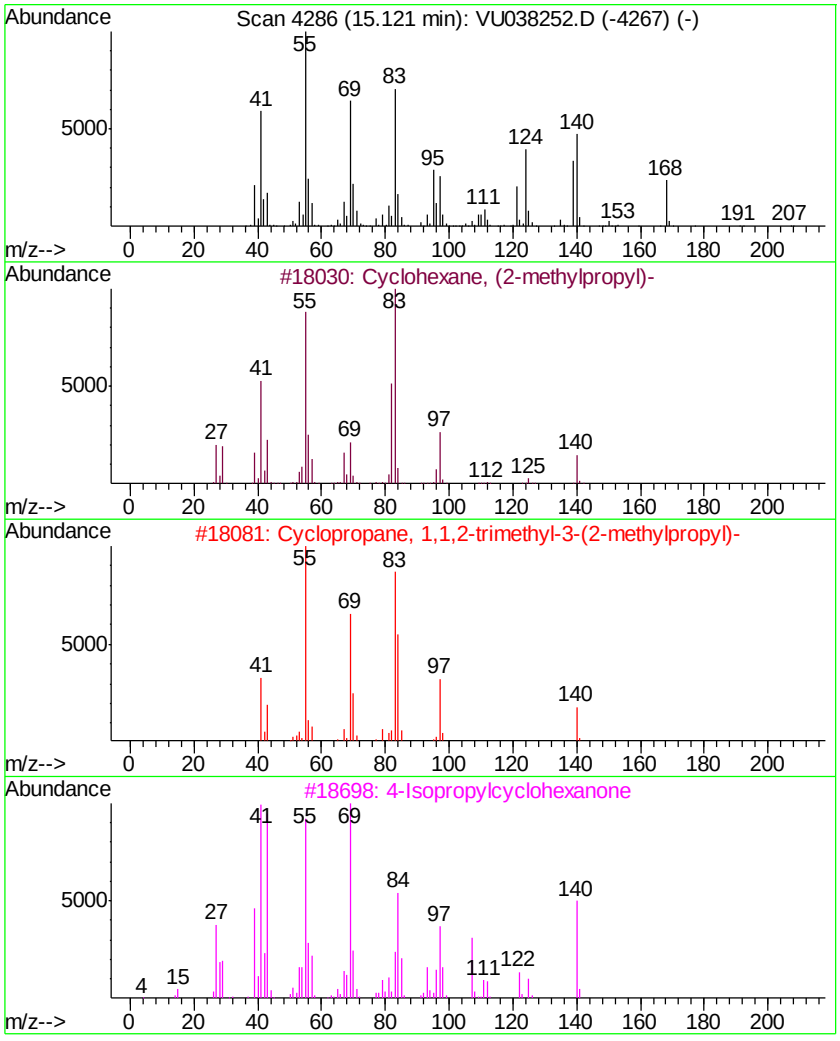
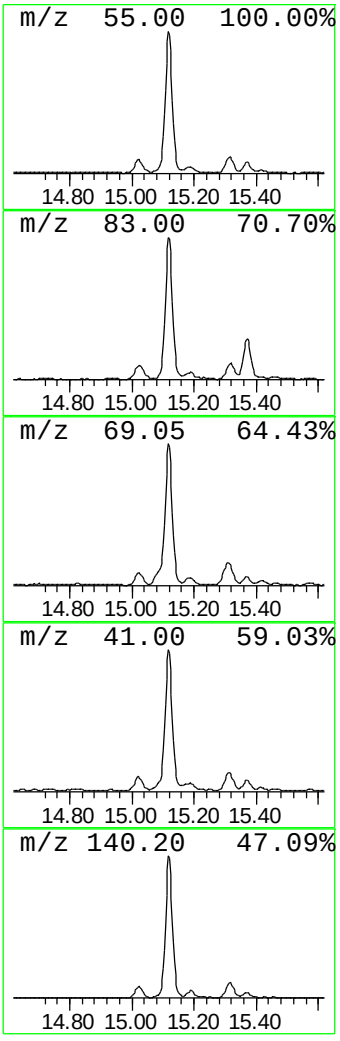
Peak Number 31 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	7.77 ug/L	1560890	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
2	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	43
3	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	42
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	Cyclohexanone, 3-ethyl-3,5,5-tri...	168	C11H20O	167226-01-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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

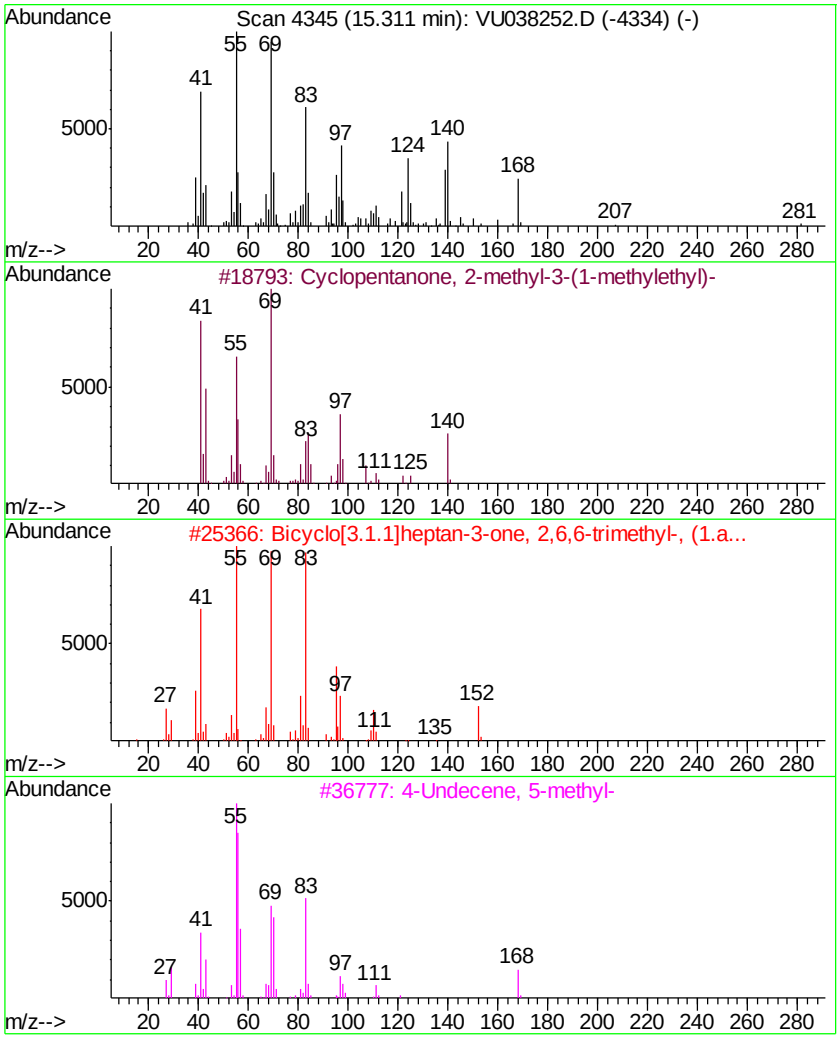
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

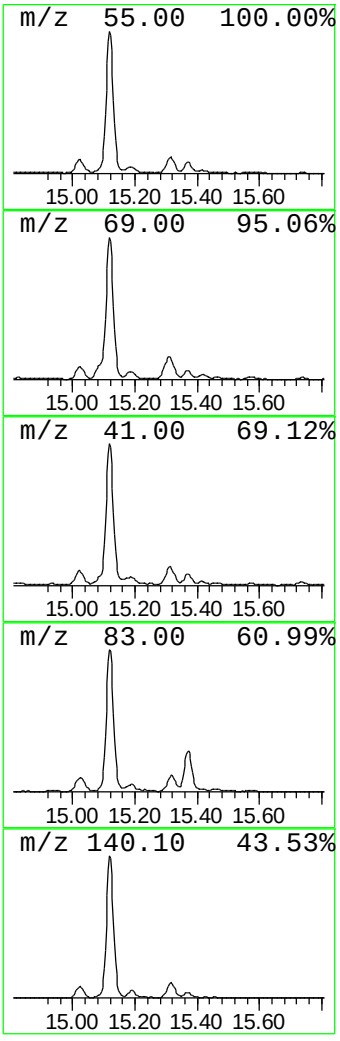
****

Peak Number 32 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	1.14 ug/L	229620	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	43
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
3	4-Undecene, 5-methyl-	168	C12H24	020634-43-9	38
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052020\
Data File : VU038252.D
Acq On : 20 May 2020 17:01
Operator : JC/MD
Sample : L2724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T3

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
Sulfur dioxide	1.50	11.4	ug/L	1878760	1	6.28	821390	5.0
(DEL) Alkane: Str...	2.23	1.2	ug/L	198204	1	6.28	821390	5.0
Ethyl ether	2.40	30.0	ug/L	4931140	1	6.28	821390	5.0
(DEL) Alkane: Str...	3.11	2.0	ug/L	334329	1	6.28	821390	5.0
(DEL) Alkane: Str...	3.74	3.1	ug/L	504623	1	6.28	821390	5.0
Diisopropyl ether	4.03	91.0	ug/L	14953700	1	6.28	821390	5.0
(DEL) Alkane: Cyc...	4.57	16.0	ug/L	2629440	1	6.28	821390	5.0
3-Hexyne	5.53	1.3	ug/L	219159	1	6.28	821390	5.0
Furan, tetrahydro...	7.74	2.3	ug/L	374028	1	6.28	821390	5.0
3-Heptanone, 6-me...	10.91	10.1	ug/L	2026320	3	11.83	1004230	5.0
unknown-01	11.04	2.0	ug/L	411571	3	11.83	1004230	5.0
Benzene, 1-ethyl-...	11.30	4.2	ug/L	838019	3	11.83	1004230	5.0
Benzene, 1,2,4-tr...	11.48	1.7	ug/L	338426	3	11.83	1004230	5.0
unknown-02	11.65	3.5	ug/L	712869	3	11.83	1004230	5.0
Benzene, 1,2,3-tr...	11.91	4.1	ug/L	830437	3	11.83	1004230	5.0
Dibutoxymethane	12.03	0.8	ug/L	157242	3	11.83	1004230	5.0
Benzene, 1-etheny...	12.10	9.8	ug/L	1962300	3	11.83	1004230	5.0
Benzene, 4-ethyl-...	12.48	1.0	ug/L	203757	3	11.83	1004230	5.0
o-Cymene	12.58	2.2	ug/L	436688	3	11.83	1004230	5.0
Benzene, 1-etheny...	12.70	1.0	ug/L	209216	3	11.83	1004230	5.0
3-Octanol, 3,6-di...	12.88	11.0	ug/L	2213480	3	11.83	1004230	5.0
Benzene, 1,2,4,5-...	12.99	1.3	ug/L	267862	3	11.83	1004230	5.0
Benzene, 1-ethyl-...	13.04	1.0	ug/L	192922	3	11.83	1004230	5.0
2-Hepten-4-one, 6...	13.63	1.0	ug/L	197740	3	11.83	1004230	5.0
unknown-03	13.88	0.8	ug/L	152856	3	11.83	1004230	5.0
(DEL) Alkane: Str...	13.98	2.1	ug/L	413227	3	11.83	1004230	5.0
unknown-04	14.02	4.4	ug/L	891468	3	11.83	1004230	5.0
(DEL) Alkane: Str...	14.32	1.1	ug/L	217761	3	11.83	1004230	5.0
(DEL) Alkane: Cyc...	15.02	1.0	ug/L	200068	3	11.83	1004230	5.0
unknown-05	15.12	7.8	ug/L	1560890	3	11.83	1004230	5.0
unknown-06	15.31	1.1	ug/L	229620	3	11.83	1004230	5.0