LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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	1.517	42	55	74	rBV3	208493	884917	2.94%	0.861%
2	1.600	75	81	92	rVB2	251641	486722	1.62%	0.474%
3	1.932	178	184	203	rVB2	206512	411882	1.37%	0.401%
4	2.401	318	330	351	rVB	4287353	6360638	21.16%	6.191%
5	2.594	378	390	405	rBV	297349	491270	1.63%	0.478%
6	3.115	542	552	582	rVB	279723	600379	2.00%	0.584%
7	3.395	623	639	663	rVB2	575017	1291945	4.30%	1.257%
8	3.735	729	745	770	rVB	333181	742945	2.47%	0.723%
9	4.034	817	838	889	rBV	8046337	21212403	70.56%	20.646%
10	4.571	986	1005	1023	rBV	1002927	2435342	8.10%	2.370%
11	4.674	1023	1037	1092	rVB	332801	1040800	3.46%	1.013%
12	5.102	1153	1170	1201	rBV	831339	2017119	6.71%	1.963%
13	5.423	1255	1270	1286	rBV2	145466	326015	1.08%	0.317%
14	5.809	1353	1390	1406	rBV	14210899	30061575	100.00%	29.259%
15	6.282	1523	1537	1558	rVB	523820	1030905	3.43%	1.003%
16	6.722	1659	1674	1685	rBV	396773	770720	2.56%	0.750%
17	6.790	1686	1695	1717	rVB2	157680	330962	1.10%	0.322%
18	7.590	1932	1944	1959	rBV	201655	339665	1.13%	0.331%
19	7.922	2023	2047	2061	rBV	767540	1403236	4.67%	1.366%
20	8.655	2263	2275	2314	rBV	1324260	2452143	8.16%	2.387%
21	9.465	2504	2527	2556	rBV2	3195940	6746512	22.44%	6.566%
22	9.713	2590	2604	2618	rBV	1256294	2130791	7.09%	2.074%
23	10.118	2712	2730	2750	rVB2	236757	466211	1.55%	0.454%
24	10.497	2834	2848	2873	rBV	2687793	4411541	14.68%	4.294%
25	10.770	2913	2933	2957	rVB2	369441	828681	2.76%	0.807%
26	10.905	2960	2975	2995	rBV4	497522	1011125	3.36%	0.984%
27	11.041	2997	3017	3028	rBV4	316059	628467	2.09%	0.612%
28	11.304	3088	3099	3121	rVB	323994	546531	1.82%	0.532%
29	11.478	3145	3153	3173	rVB	315769	524723	1.75%	0.511%
30	11.648	3189	3206	3224	rVB8	114948	323897	1.08%	0.315%
31	11.825	3248	3261	3276	rBV2	842838	2106535	7.01%	2.050%
32	11.902	3276	3285	3298	rVB2	447766	744853	2.48%	0.725%
33	12.105	3331	3348	3366	rBV2	684317	1200643	3.99%	1.169%
34	12.211	3366	3381	3402	rVB2	1078341	2762071	9.19%	2.688%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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	12.584	3481	3497	3506	rBV	242350	382032	1.27%	0.372%
36	12.886	3581	3591	3602	rVB	665045	1001733	3.33%	0.975%
37	15.606	4412	4437	4464	rBV	170685	739693	2.46%	0.720%
38	16.963	4847	4859	4879	rBV	917513	1495596	4.98%	1.456%

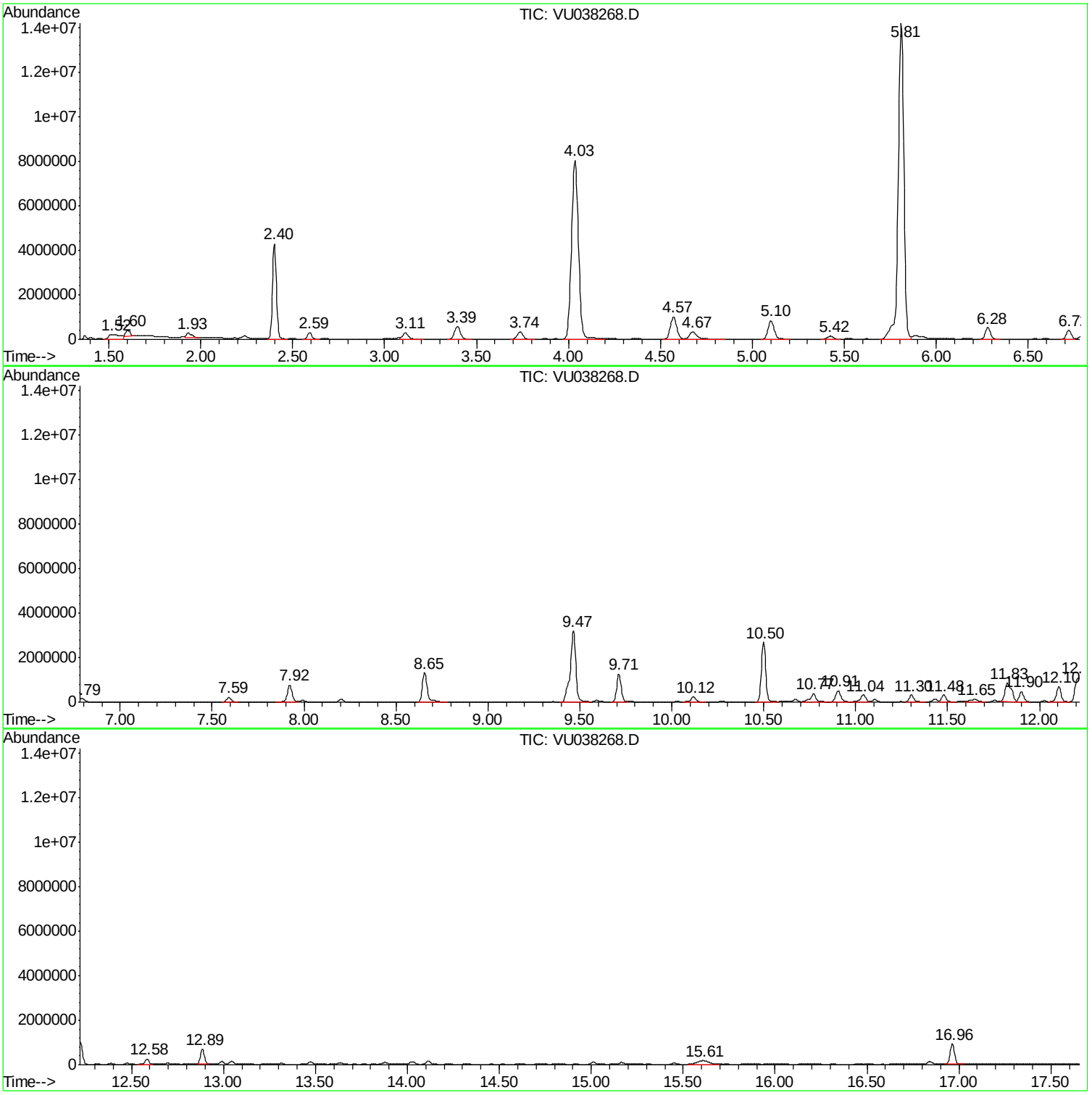
Sum of corrected areas: 102743218

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

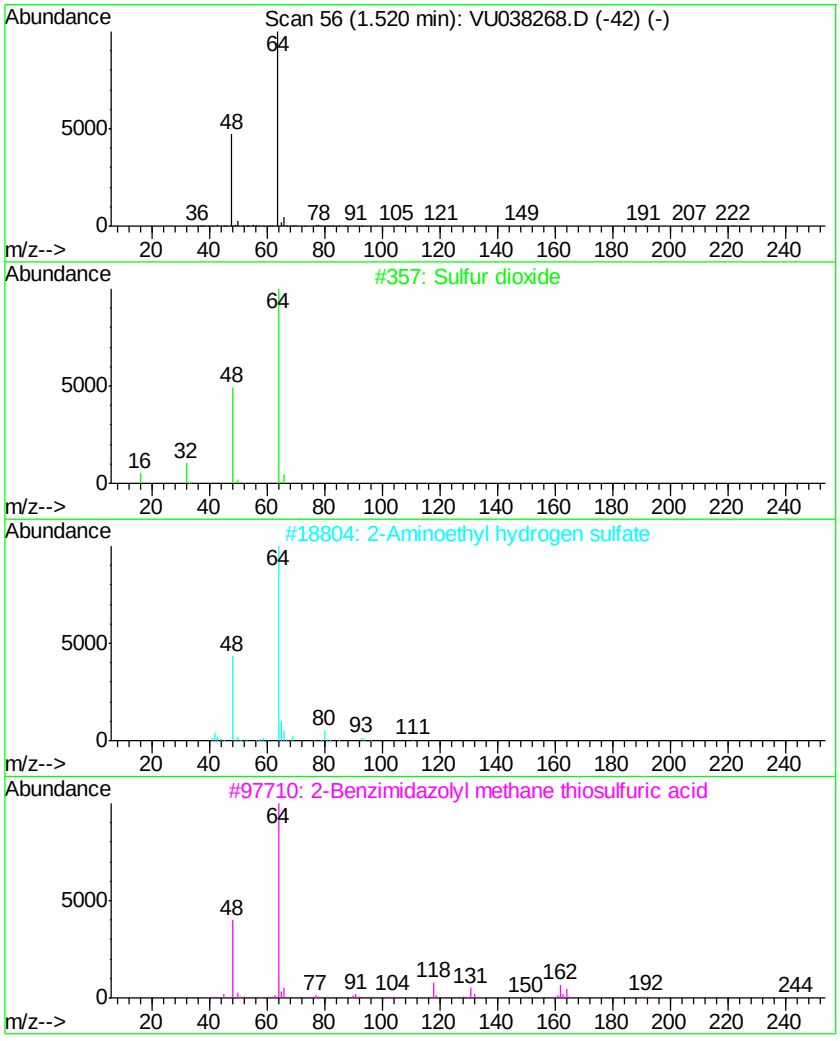
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

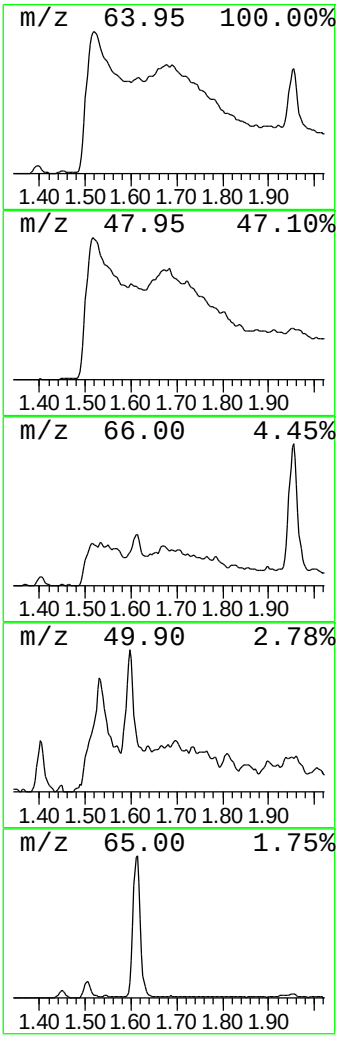
****

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	4.29 ug/L	884917	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
3	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	2,4,6-Triamino-5-pyrimidinyl hyd...	221	C4H7N5O4S	071552-23-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

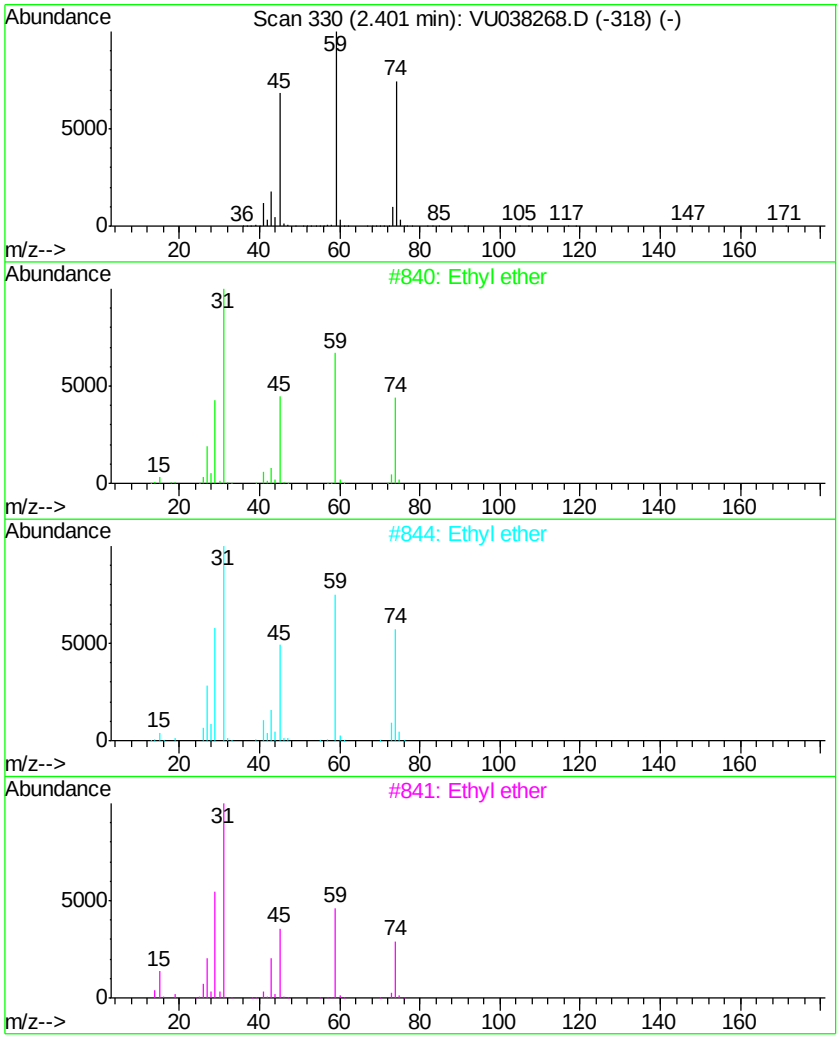
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

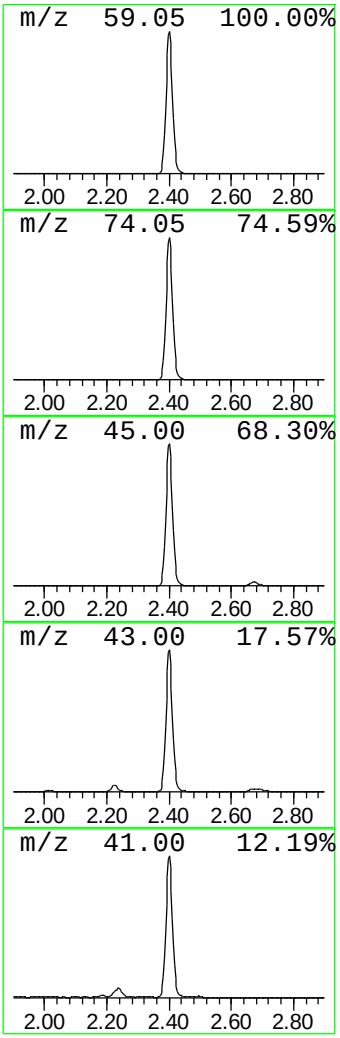
****

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	30.85 ug/L	6360640	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5	Ethyl ether	74	C4H10O	000060-29-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

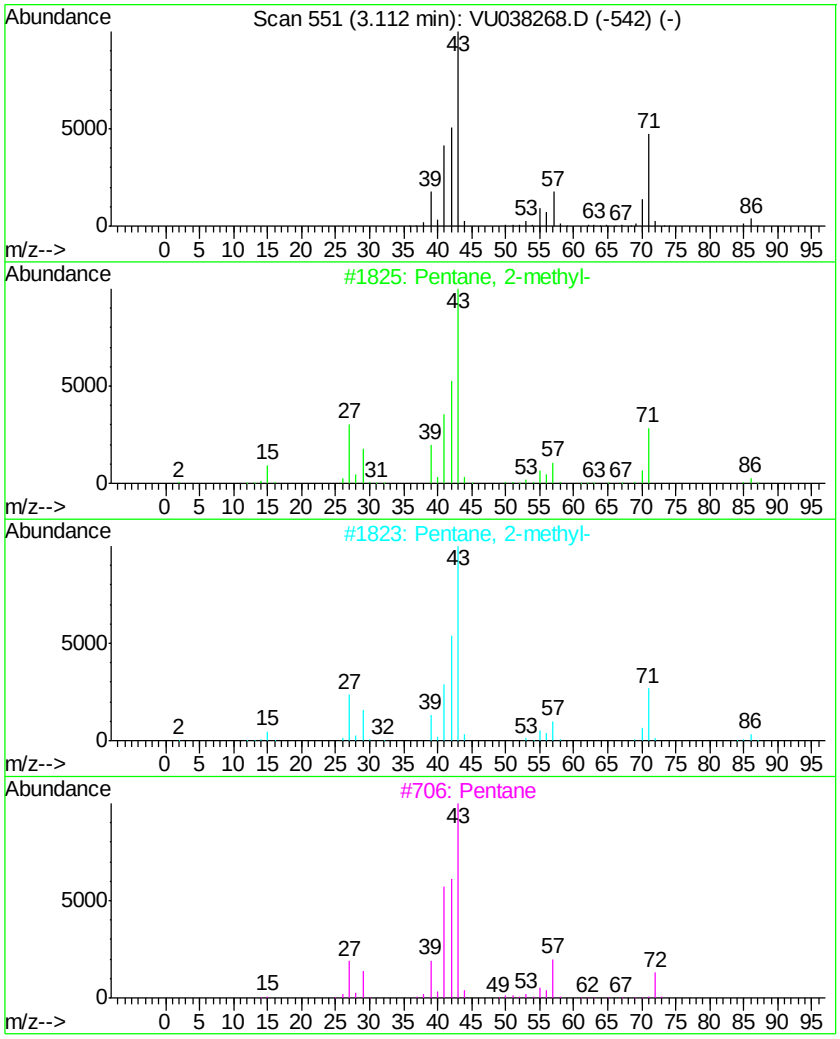
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

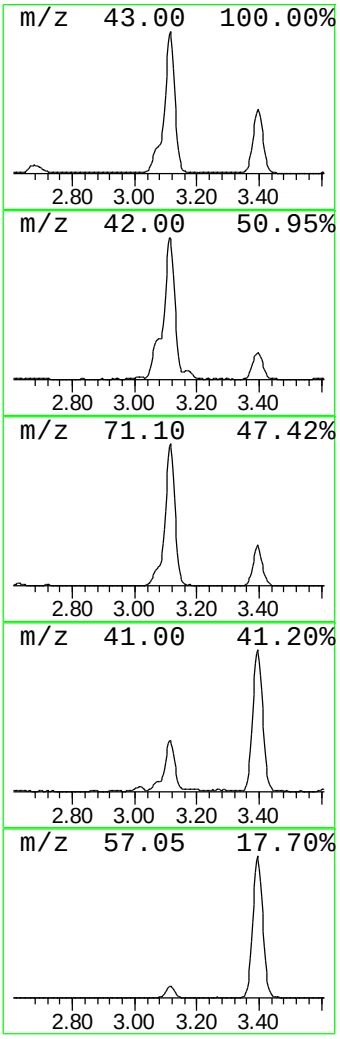
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	2.91 ug/L	600379	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	46
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

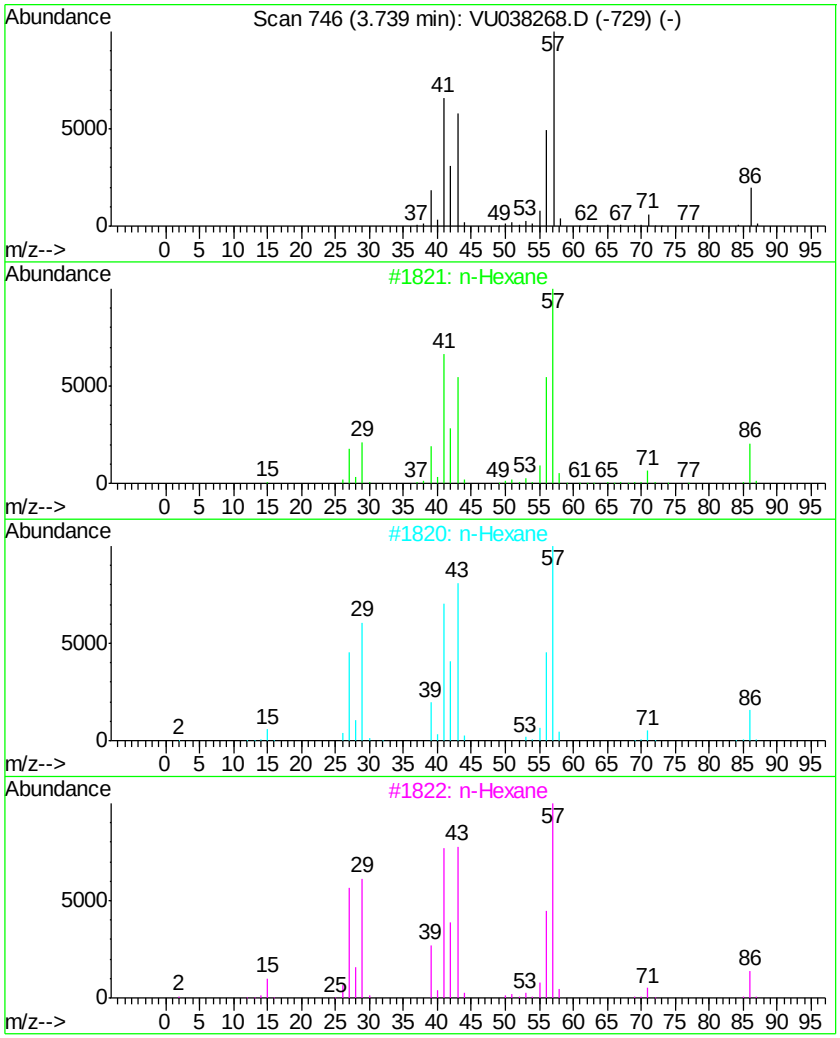
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

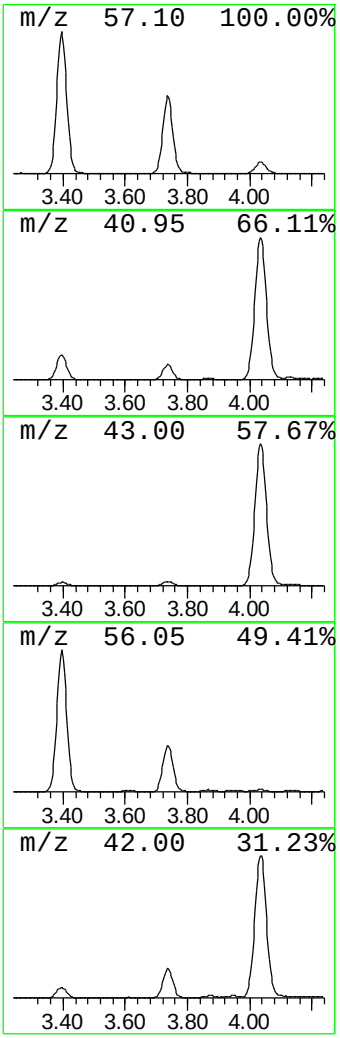
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	3.60 ug/L	742945	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	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5	Morpholine	87	C4H9NO	000110-91-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

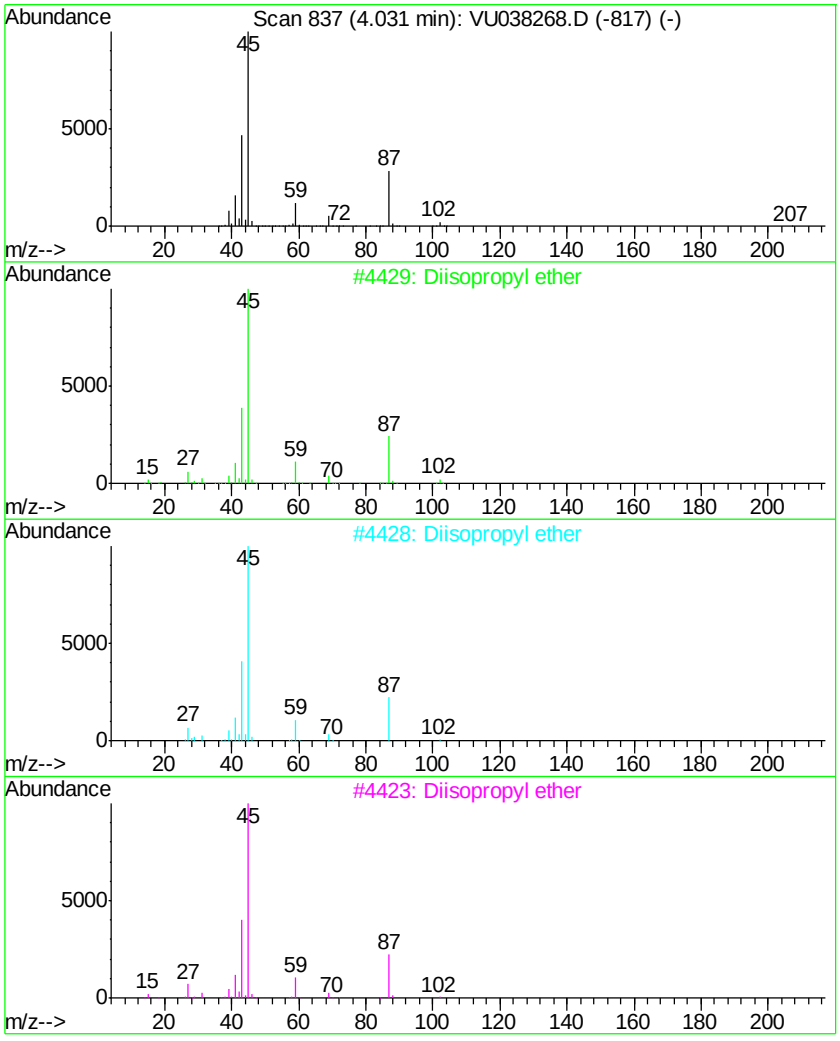
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

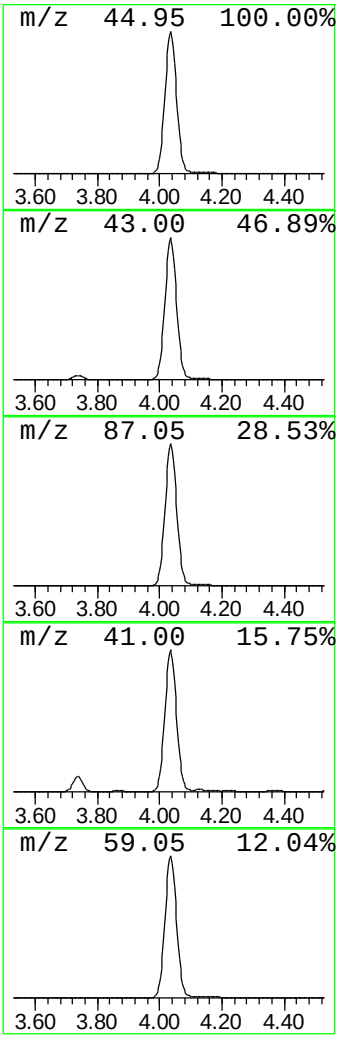
****

Peak Number 5 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	102.88 ug/L	21212400	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\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

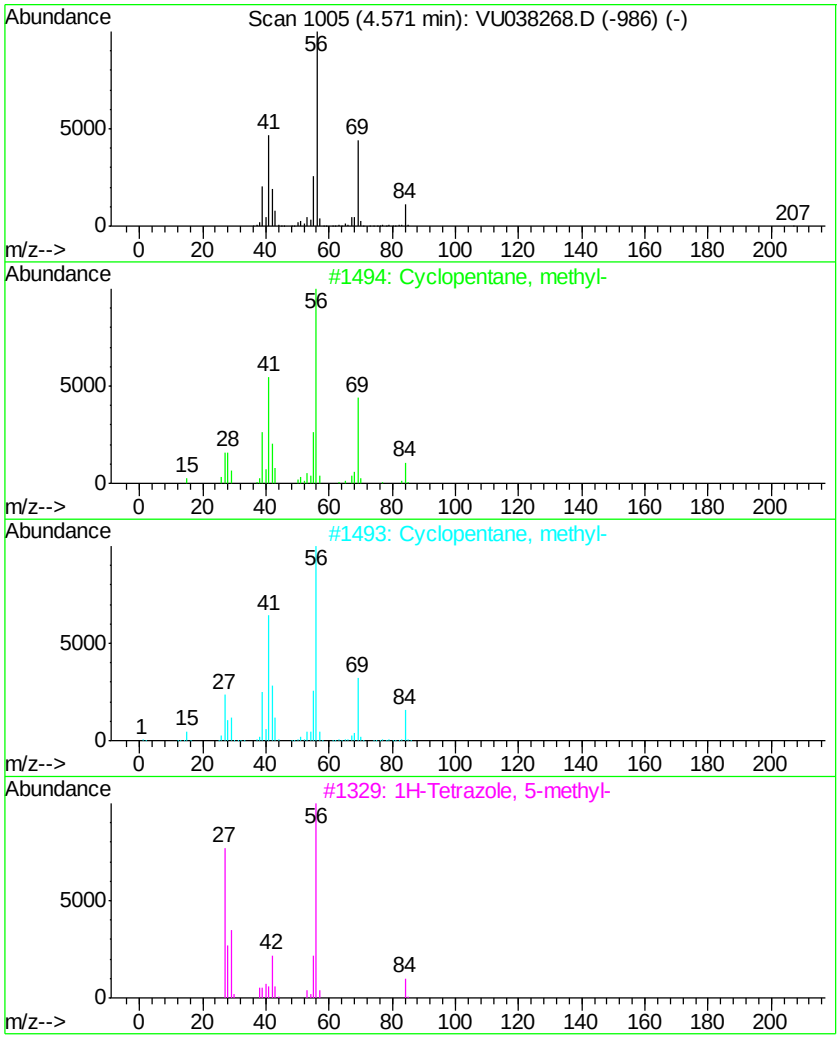
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

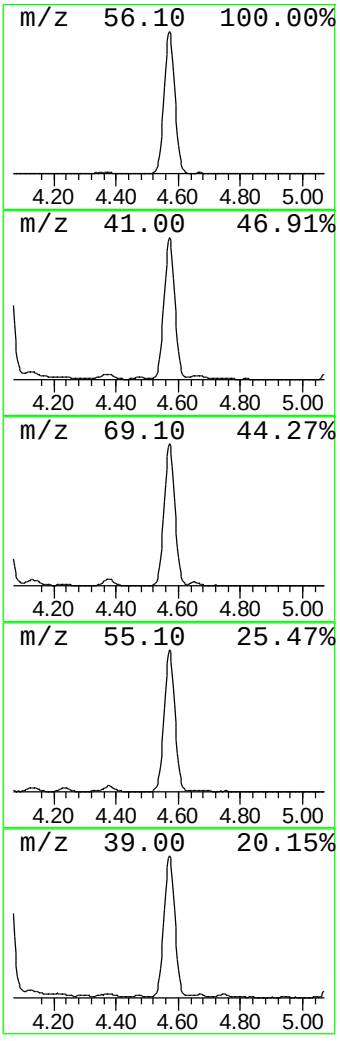
****

Peak Number 6 (DEL) Alkane: Cyclic4.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	11.81 ug/L	2435340	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	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

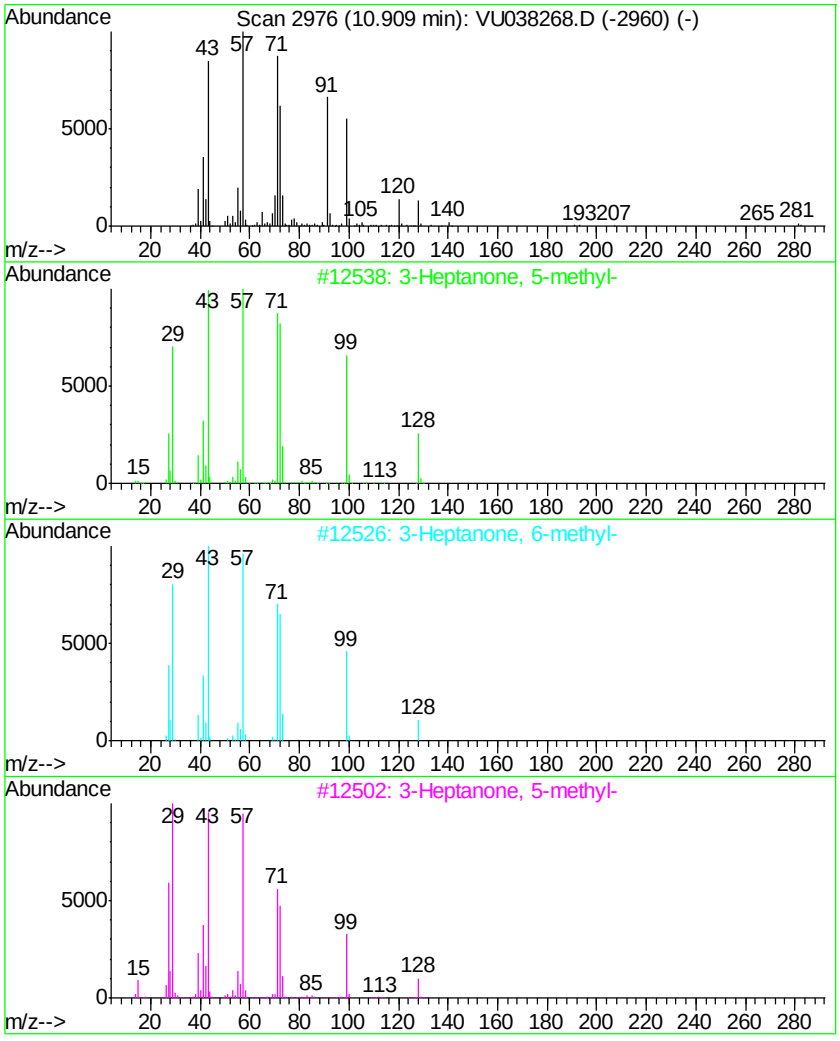
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

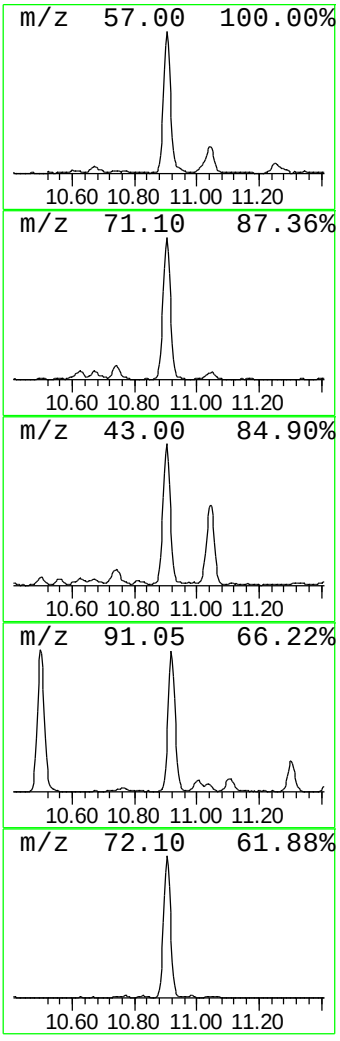
****

Peak Number 8 3-Heptanone, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.40 ug/L	1011130	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	87
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	83
4	3-Octanone	128	C8H16O	000106-68-3	83
5	3-Octanone	128	C8H16O	000106-68-3	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

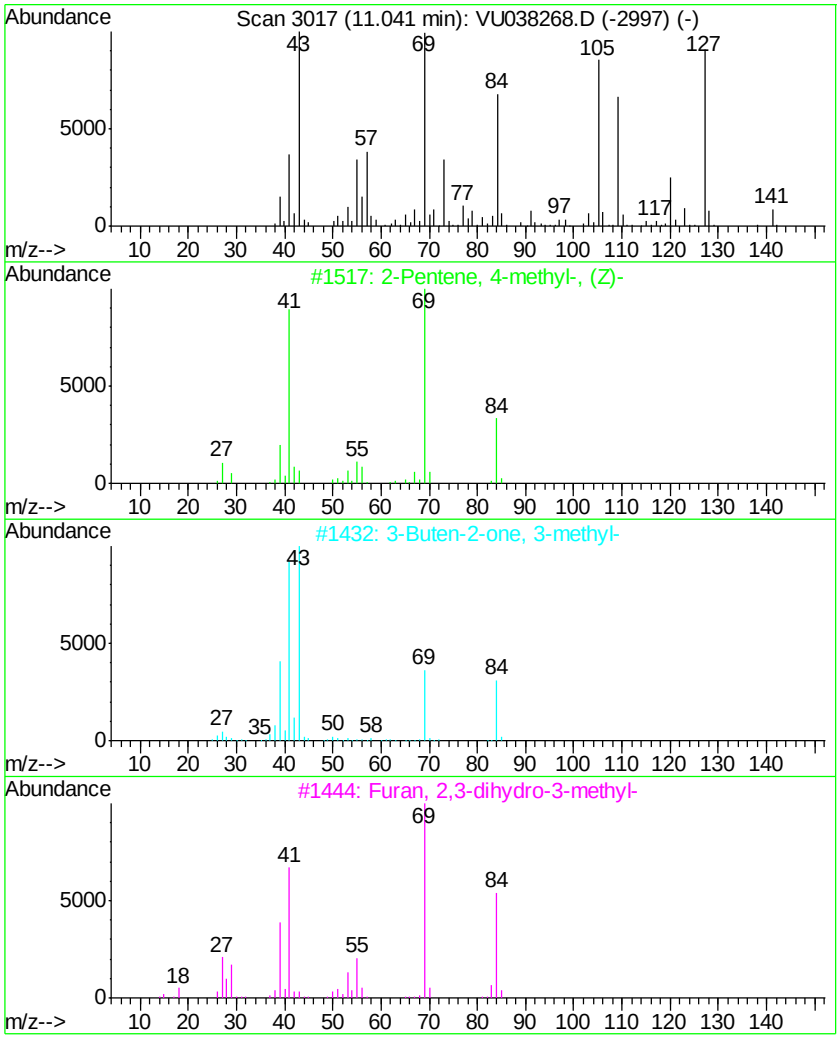
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

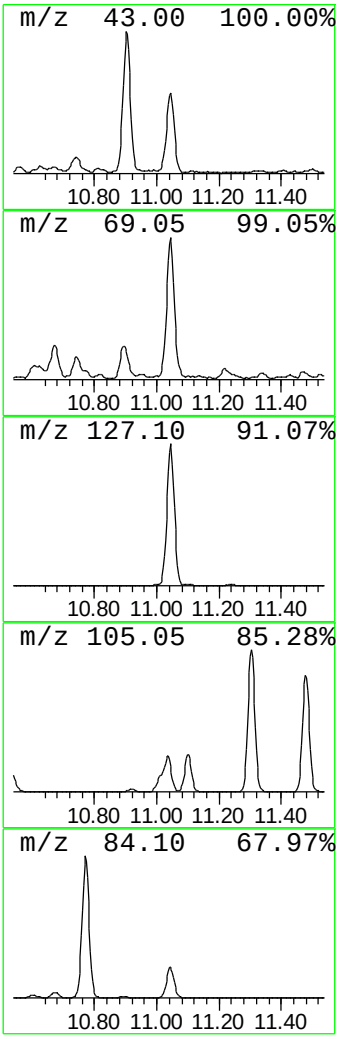
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	1.49 ug/L	628467	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	25
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	22
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	22
5	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	14





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

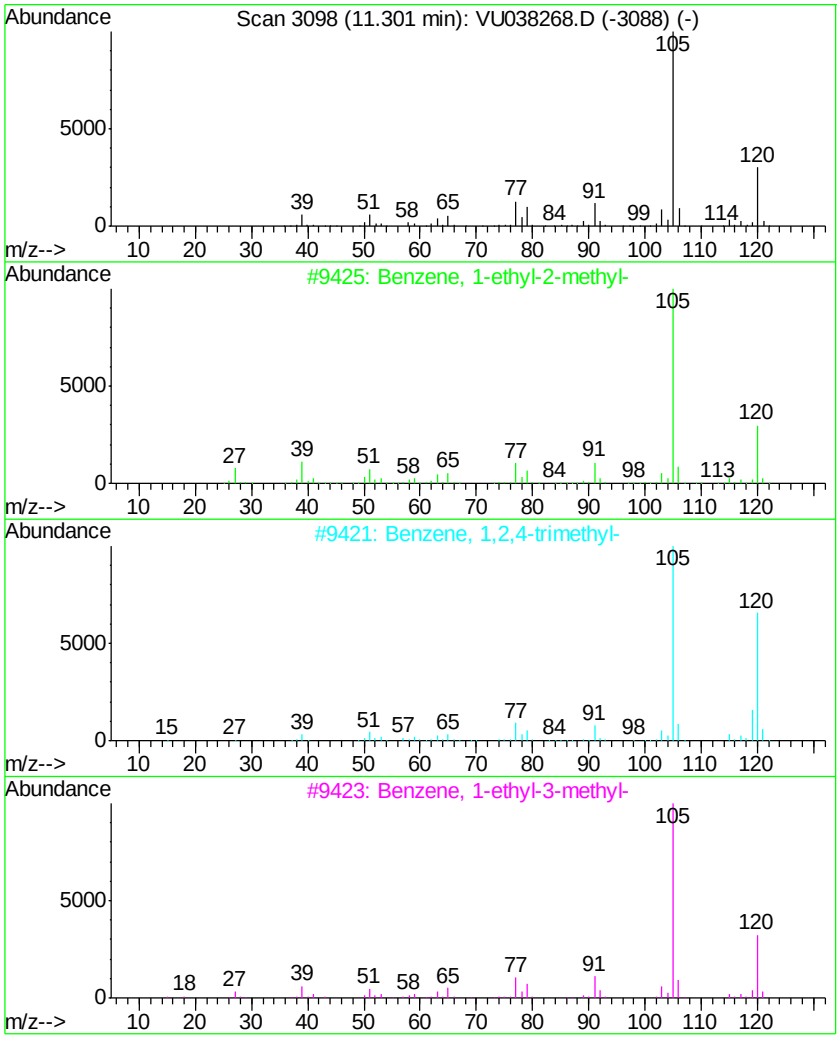
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

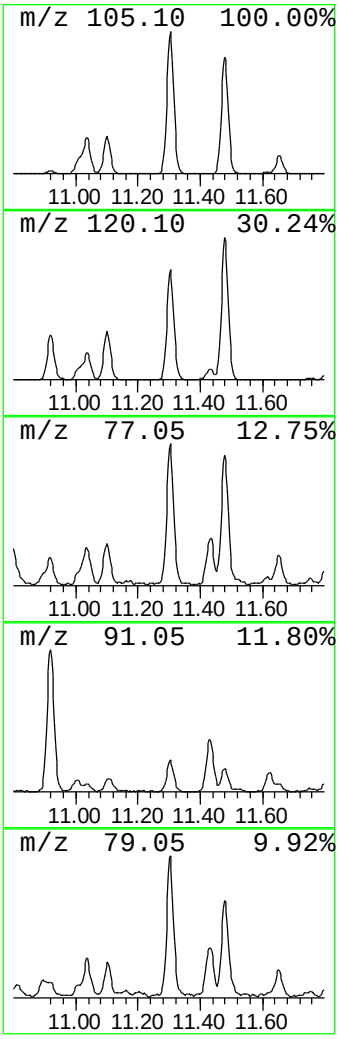
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	1.30 ug/L	546531	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

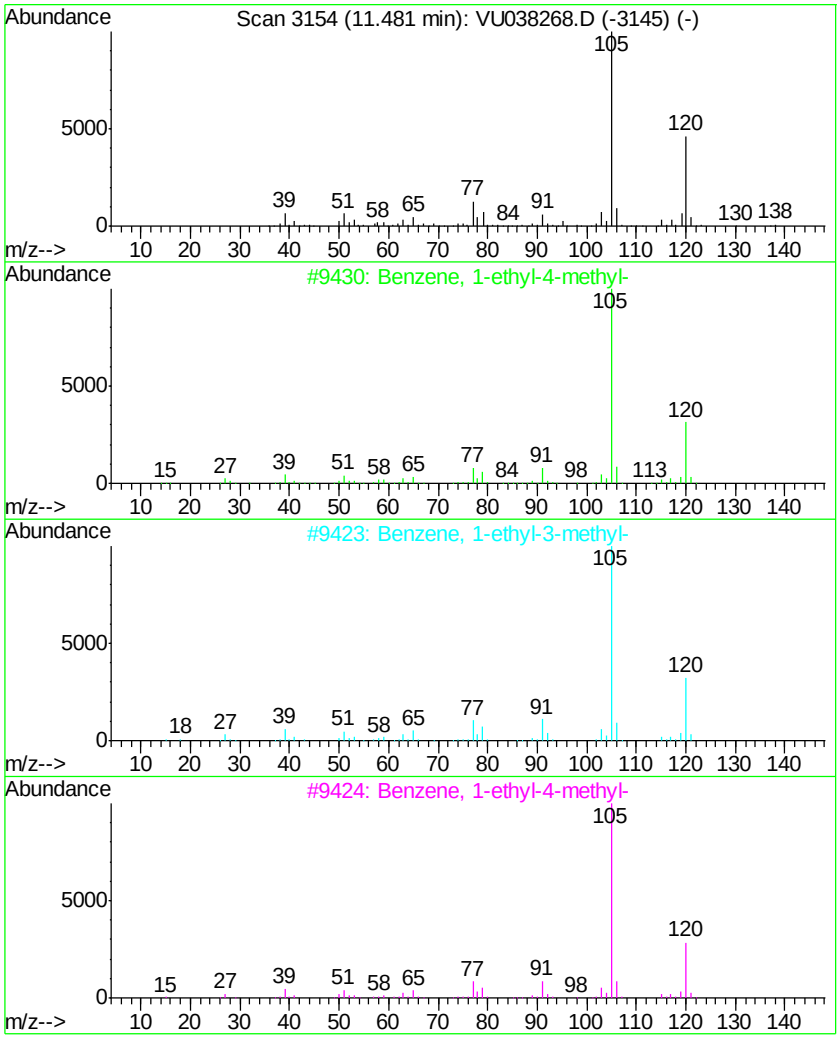
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

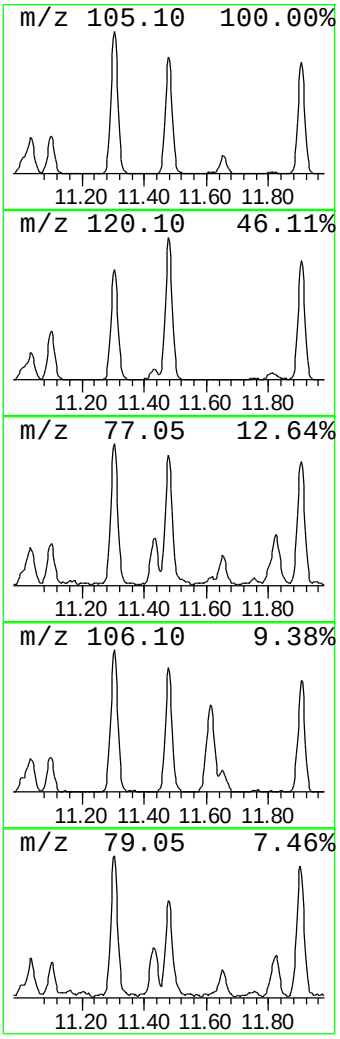
****

Peak Number 11 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	1.25 ug/L	524723	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

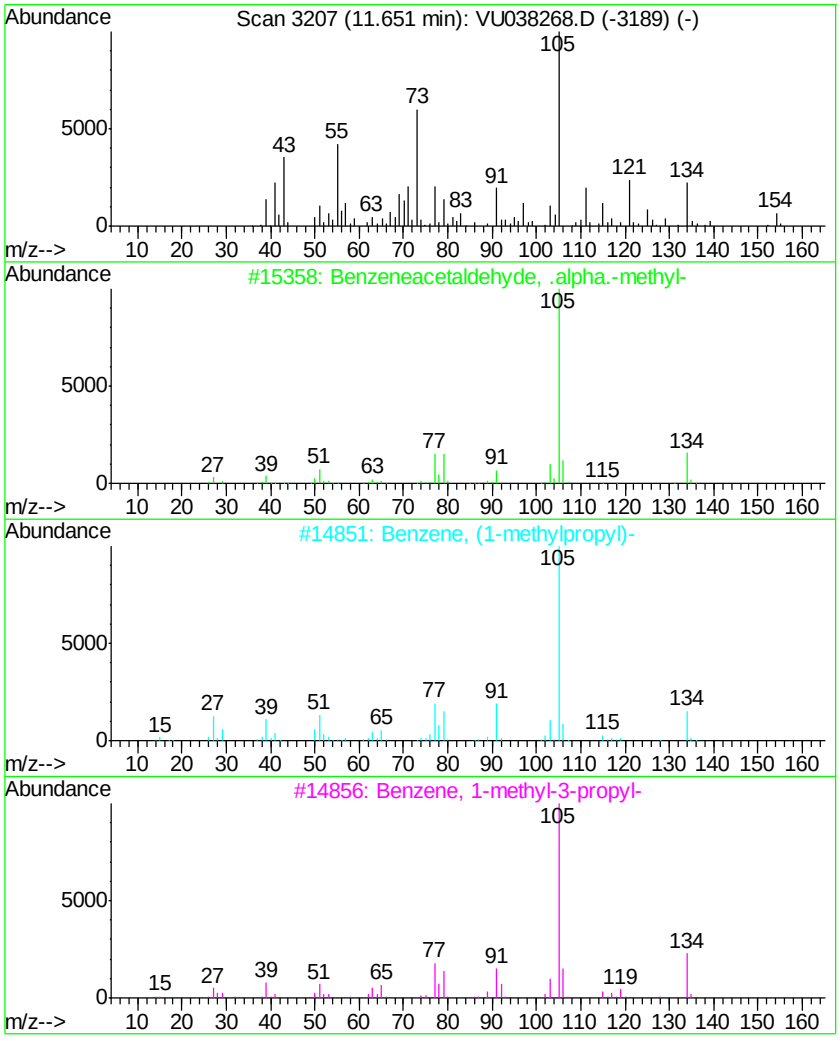
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

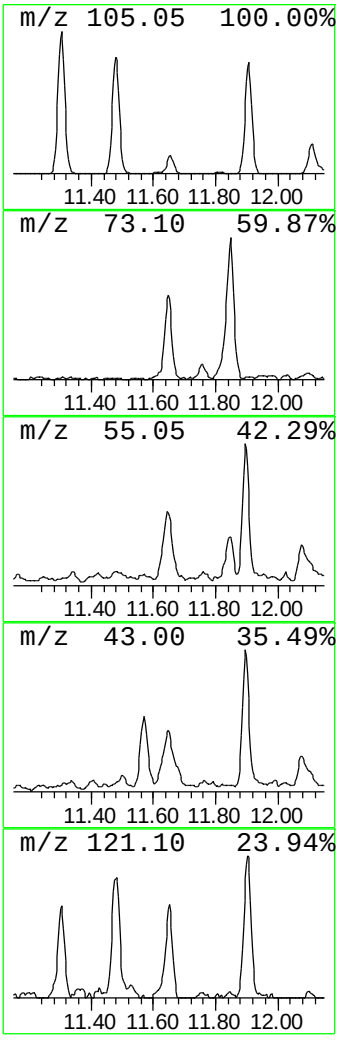
****

Peak Number 12 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.77 ug/L	323897	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

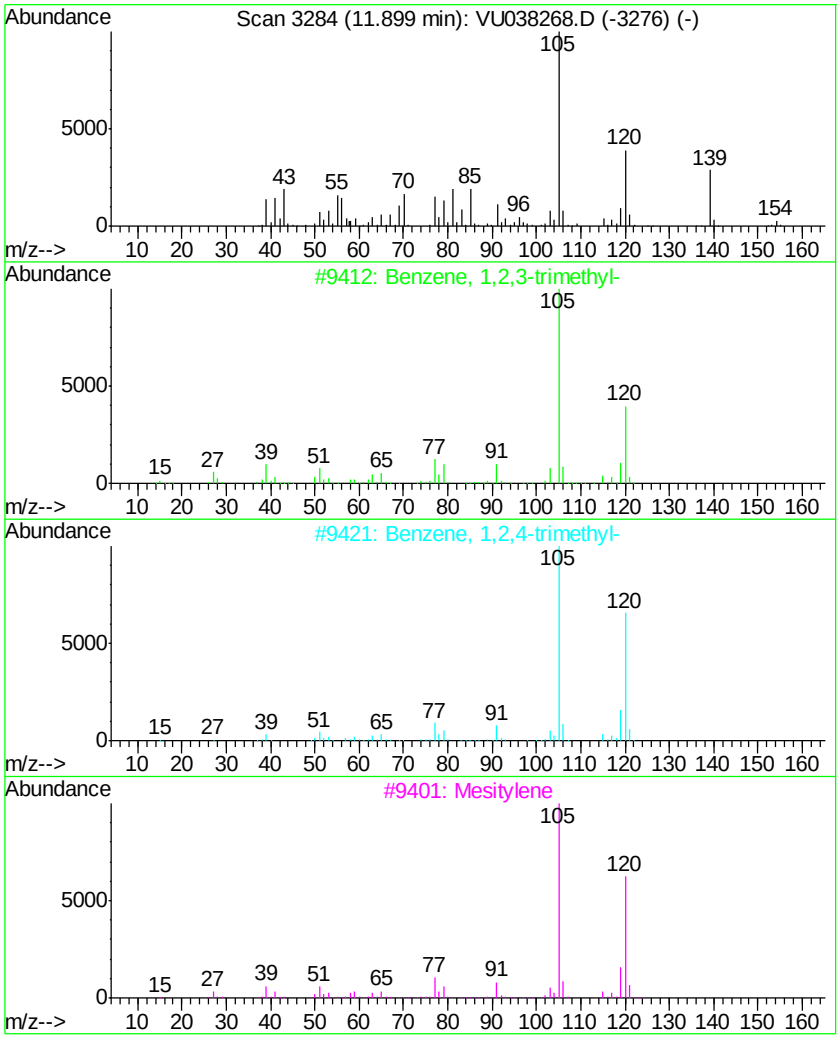
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

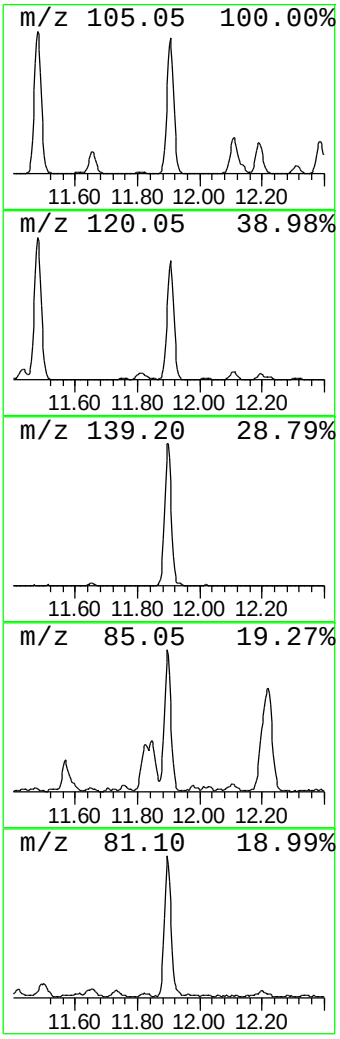
****

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	1.77 ug/L	744853	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

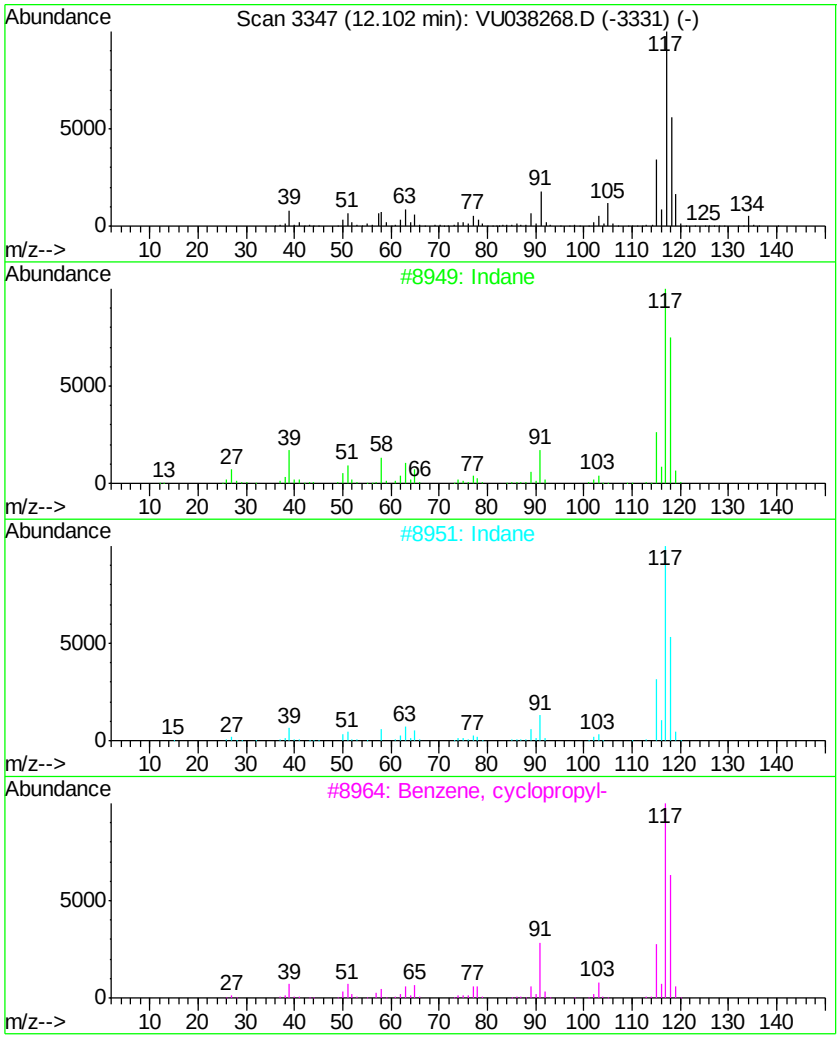
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

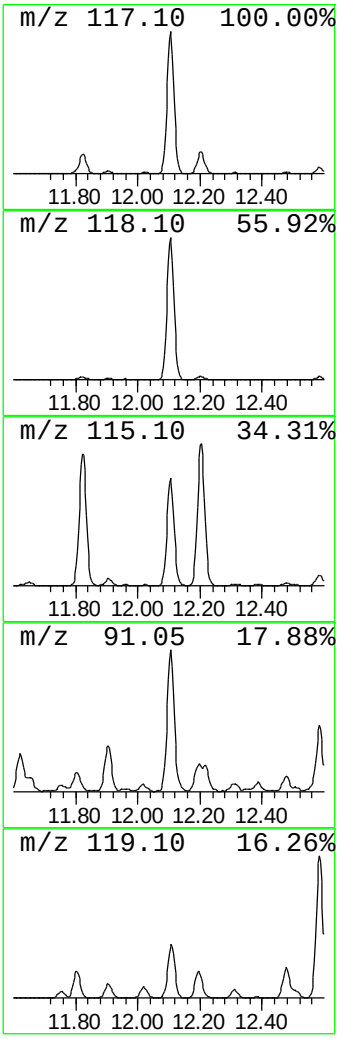
****

Peak Number 14 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.85 ug/L	1200640	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

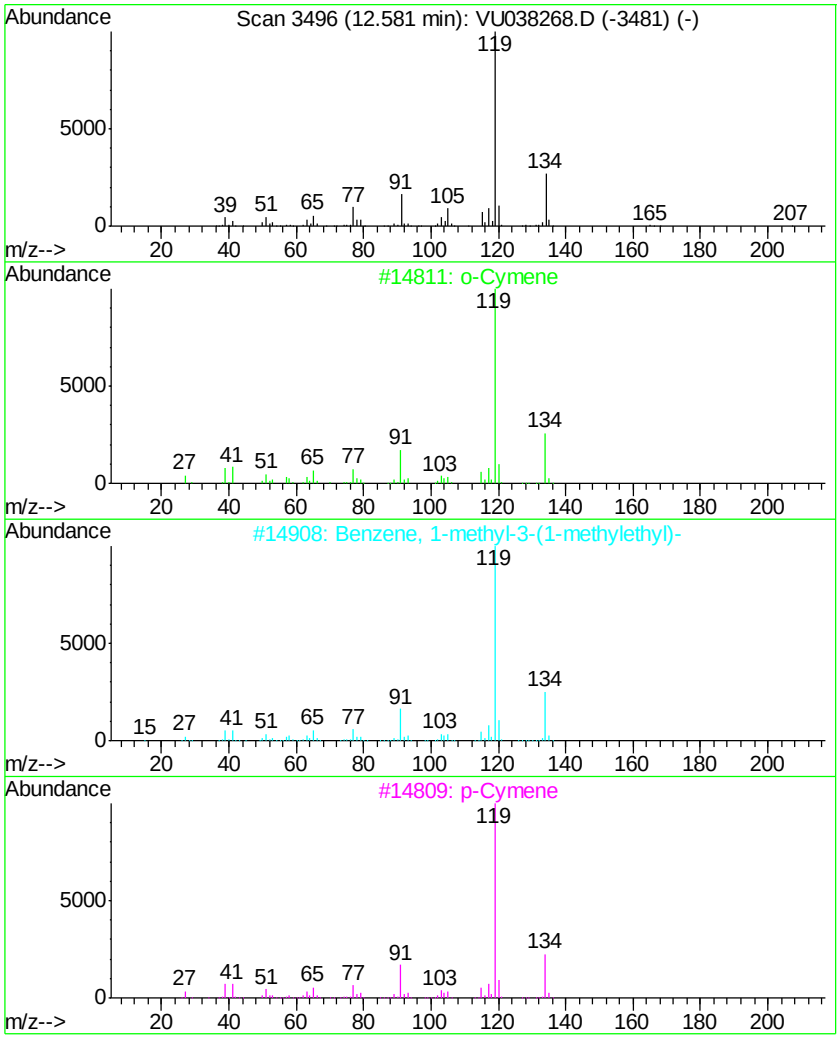
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

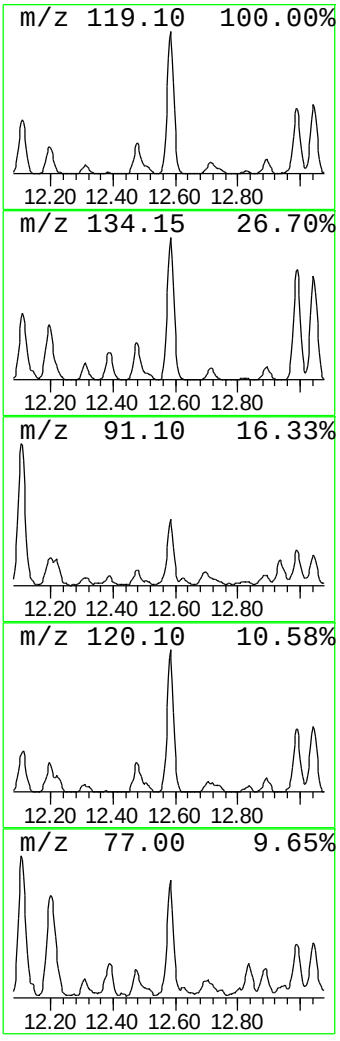
****

Peak Number 15 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	0.91 ug/L	382032	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

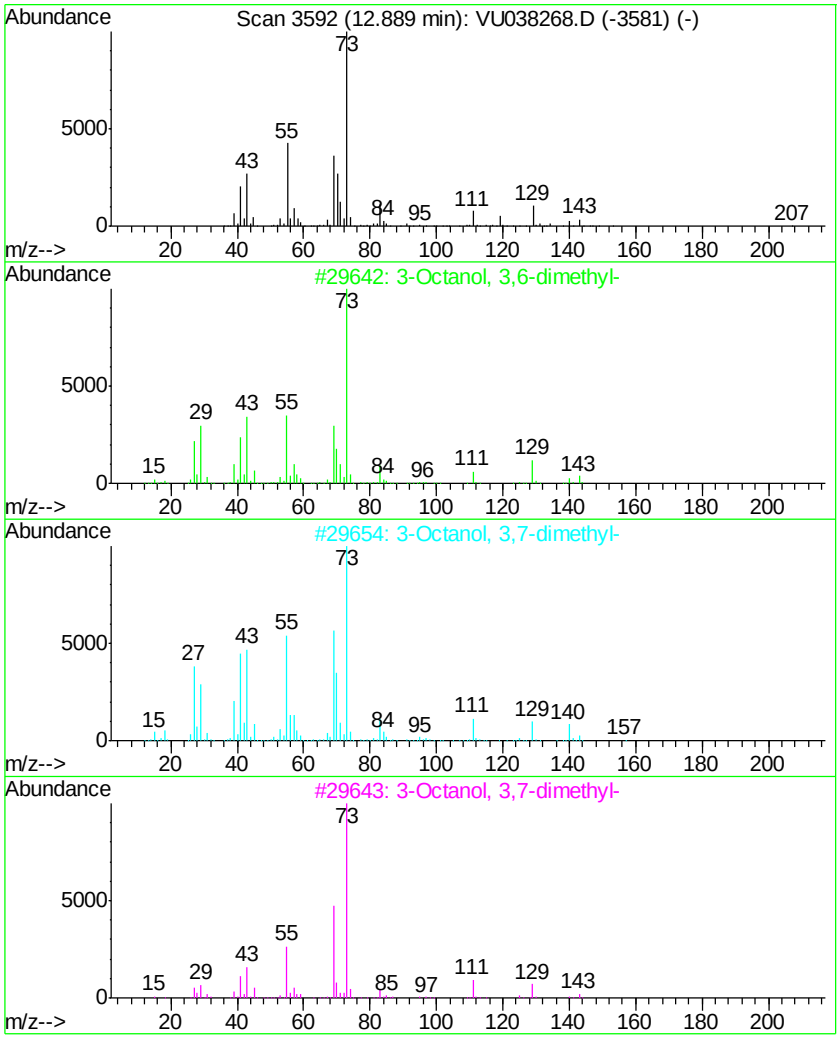
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

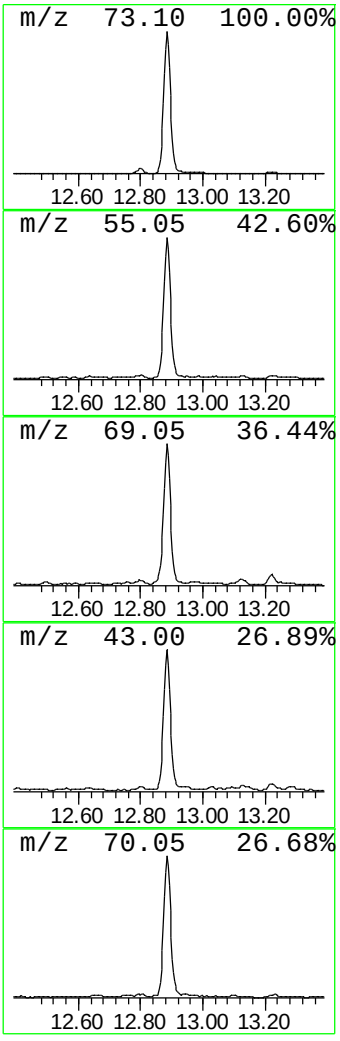
****

Peak Number 16 3-Octanol, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.38 ug/L	1001730	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	64
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	40
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	37
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

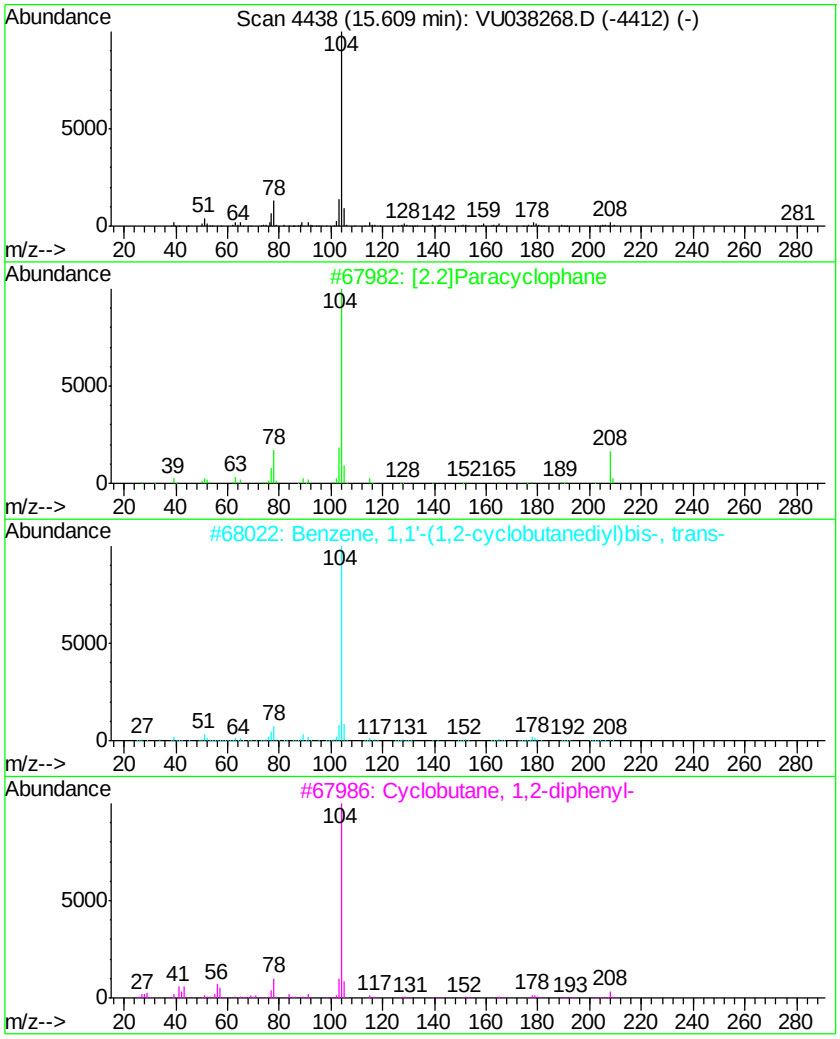
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

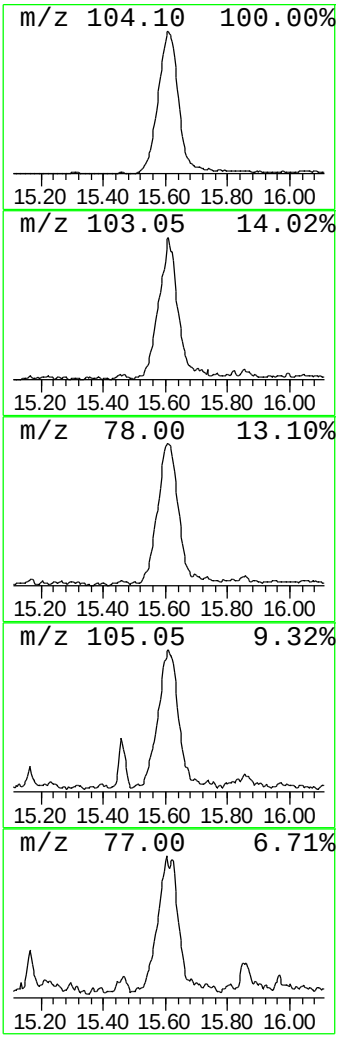
****

Peak Number 17 [2.2]Paracyclophane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	1.76 ug/L	739693	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2.2]Paracyclophane	208	C16H16	001633-22-3	90
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	86
3	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	78
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	[2.2]Paracyclophane	208	C16H16	001633-22-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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

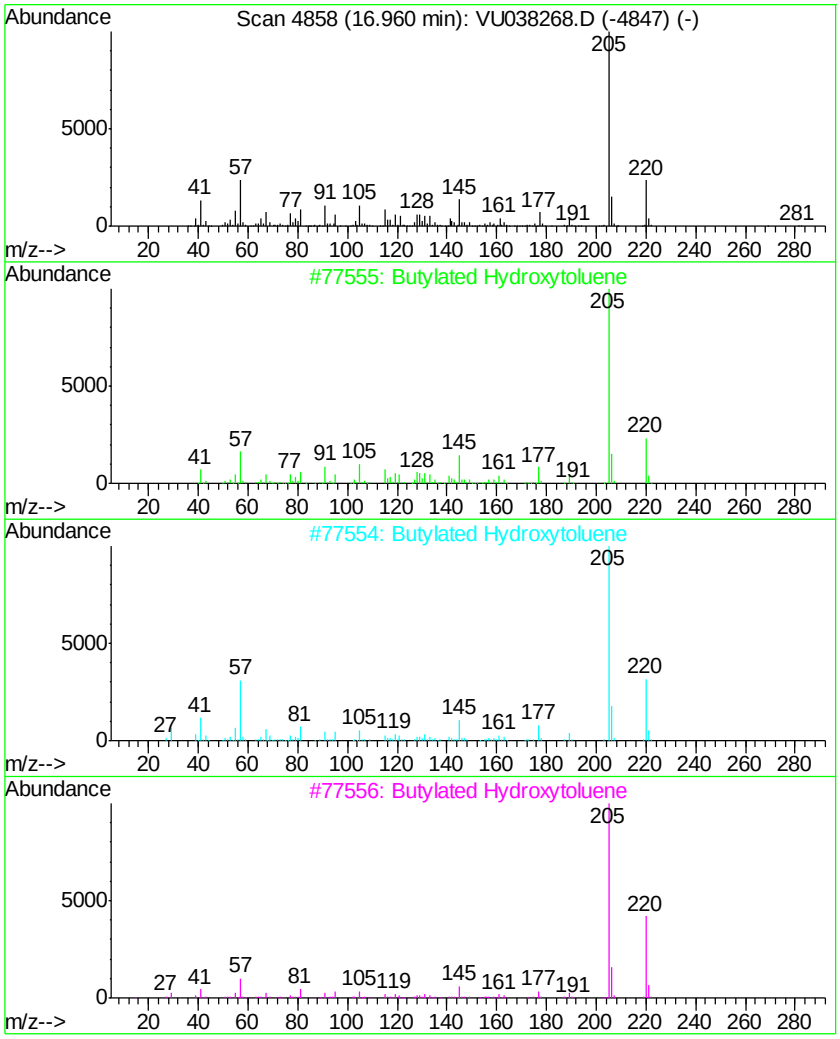
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

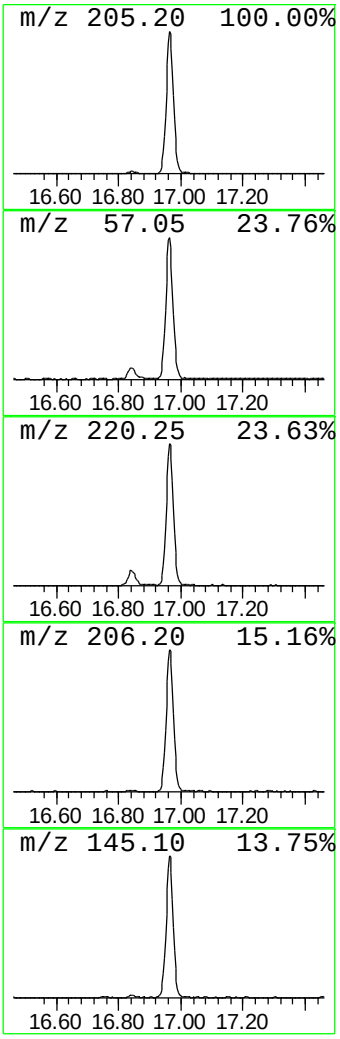
****

Peak Number 18 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	3.55 ug/L	1495600	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W0

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	1.52	4.3	ug/L	884917	1	6.28	1030910	5.0
Ethyl ether	2.40	30.9	ug/L	6360640	1	6.28	1030910	5.0
(DEL) Alkane: Str...	3.11	2.9	ug/L	600379	1	6.28	1030910	5.0
(DEL) Alkane: Str...	3.74	3.6	ug/L	742945	1	6.28	1030910	5.0
Diisopropyl ether	4.03	102.9	ug/L	21212400	1	6.28	1030910	5.0
(DEL) Alkane: Cyc...	4.57	11.8	ug/L	2435340	1	6.28	1030910	5.0
3-Heptanone, 5-me...	10.91	2.4	ug/L	1011130	3	11.82	2106540	5.0
(DEL) Alkane: Str...	11.04	1.5	ug/L	628467	3	11.82	2106540	5.0
Benzene, 1-ethyl-...	11.30	1.3	ug/L	546531	3	11.82	2106540	5.0
Benzene, 1-ethyl-...	11.48	1.3	ug/L	524723	3	11.82	2106540	5.0
unknown-01	11.65	0.8	ug/L	323897	3	11.82	2106540	5.0
Benzene, 1,2,3-tr...	11.90	1.8	ug/L	744853	3	11.82	2106540	5.0
Indane	12.10	2.9	ug/L	1200640	3	11.82	2106540	5.0
o-Cymene	12.58	0.9	ug/L	382032	3	11.82	2106540	5.0
3-Octanol, 3,6-di...	12.89	2.4	ug/L	1001730	3	11.82	2106540	5.0
[2.2]Paracyclophane	15.61	1.8	ug/L	739693	3	11.82	2106540	5.0
Butylated Hydroxy...	16.96	3.5	ug/L	1495600	3	11.82	2106540	5.0