LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

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_X\METHOD\SOMXTR080720WMA.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	2.166	172	177	184	rVB	263790	363464	2.00%	0.575%
2	2.337	200	205	214	rVB	229051	382432	2.10%	0.605%
3	3.825	438	449	467	rVB	370626	997930	5.48%	1.578%
4	4.367	527	538	554	rVB2	99164	307057	1.69%	0.485%
5	4.556	554	569	580	rBV2	200727	787190	4.32%	1.245%
6	5.141	647	665	676	rBV2	145319	549616	3.02%	0.869%
7	6.044	800	813	816	rBV3	329257	826541	4.54%	1.307%
8	6.117	816	825	839	rVB	4989744	12707042	69.77%	20.090%
9	6.830	933	942	955	rBV	292621	689668	3.79%	1.090%
10	7.373	1022	1031	1037	rBV	219702	480225	2.64%	0.759%
11	8.372	1186	1195	1206	rBV	125290	215002	1.18%	0.340%
12	8.696	1242	1248	1253	rBV	486383	771856	4.24%	1.220%
13	8.769	1253	1260	1278	rVB	11927579	18213738	100.00%	28.796%
14	9.427	1362	1368	1375	rBV	684457	943172	5.18%	1.491%
15	10.122	1472	1482	1489	rBV2	2031938	3510387	19.27%	5.550%
16	10.238	1495	1501	1506	rBV	2801359	3592229	19.72%	5.679%
17	10.342	1512	1518	1528	rBV	6820142	8867730	48.69%	14.020%
18	10.683	1568	1574	1583	rVB	2065879	2554021	14.02%	4.038%
19	11.000	1620	1626	1633	rBV	477792	620039	3.40%	0.980%
20	11.232	1659	1664	1668	rBV	216887	270393	1.48%	0.427%
21	11.341	1675	1682	1689	rBV	235848	315146	1.73%	0.498%
22	11.421	1689	1695	1697	rBV2	236445	353338	1.94%	0.559%
23	11.494	1703	1707	1714	rVB	171111	219613	1.21%	0.347%
24	11.652	1729	1733	1743	rVB	235491	295176	1.62%	0.467%
25	11.793	1751	1756	1764	rVB	800315	943854	5.18%	1.492%
26	12.061	1795	1800	1807	rBV2	688743	998930	5.48%	1.579%
27	12.128	1807	1811	1816	rVB	325702	399438	2.19%	0.632%
28	12.286	1831	1837	1844	rBV	466186	616316	3.38%	0.974%
29	12.360	1844	1849	1859	rVB2	779898	1162225	6.38%	1.837%
30	13.817	2080	2088	2094	rBV	227246	296600	1.63%	0.469%

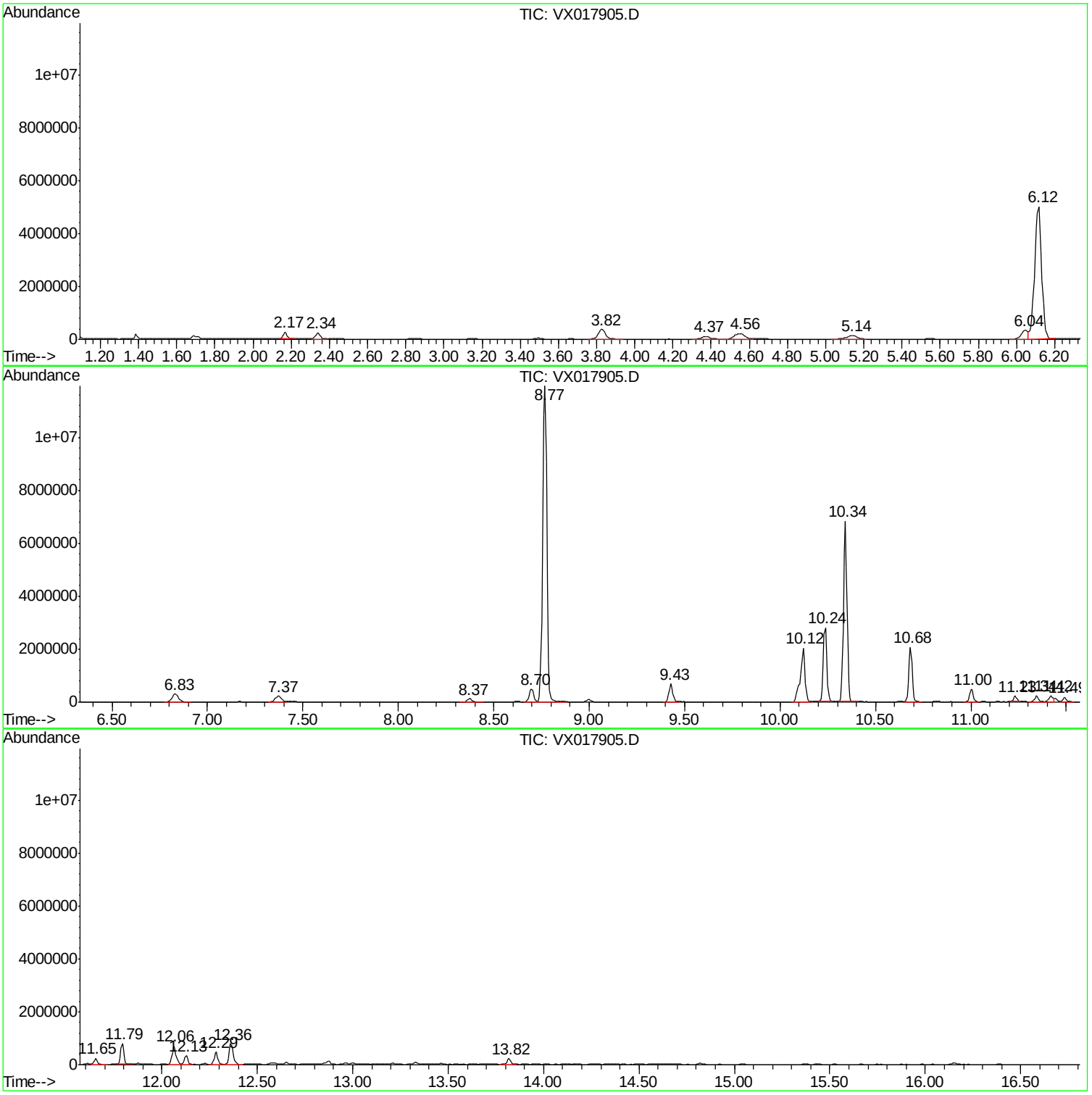
Sum of corrected areas: 63250368

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.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 X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

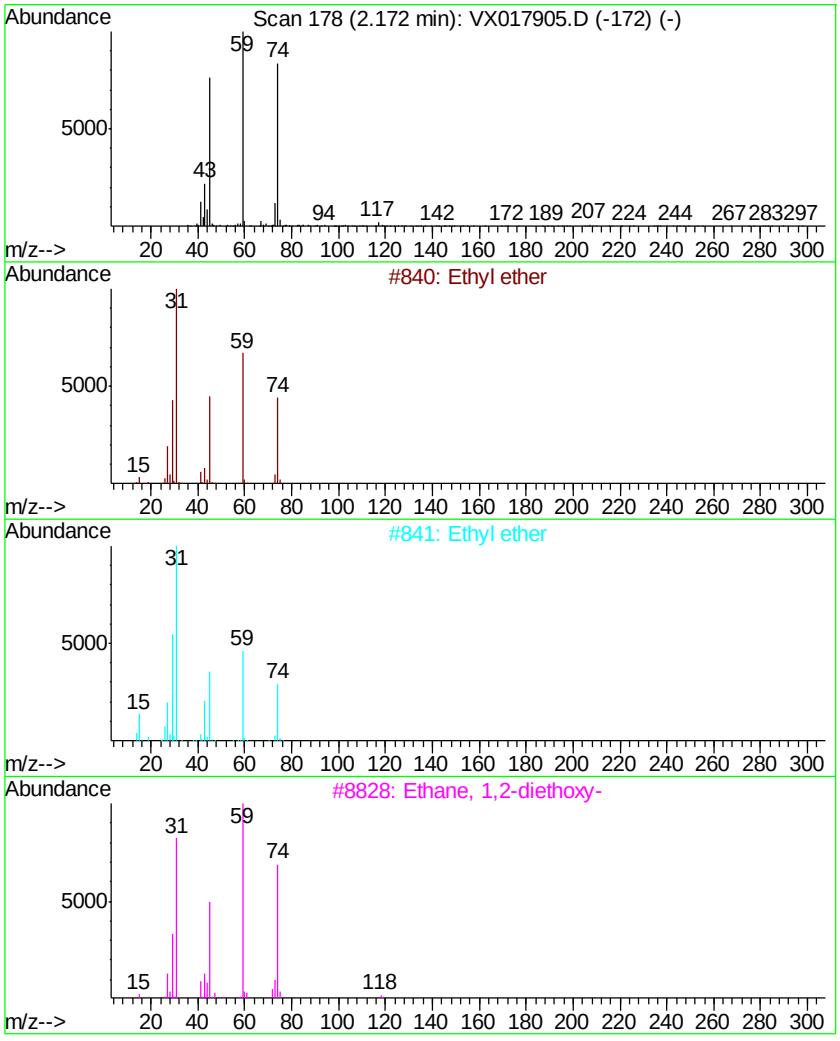
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

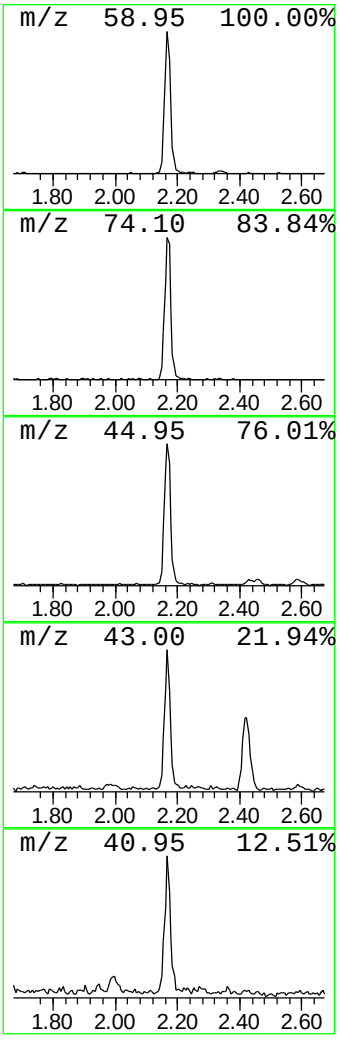
****

Peak Number 1 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.64 ug/L	363464	1,4-Difluorobenzene	6.83

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	83
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	83
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethyl ether	74	C4H10O	000060-29-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

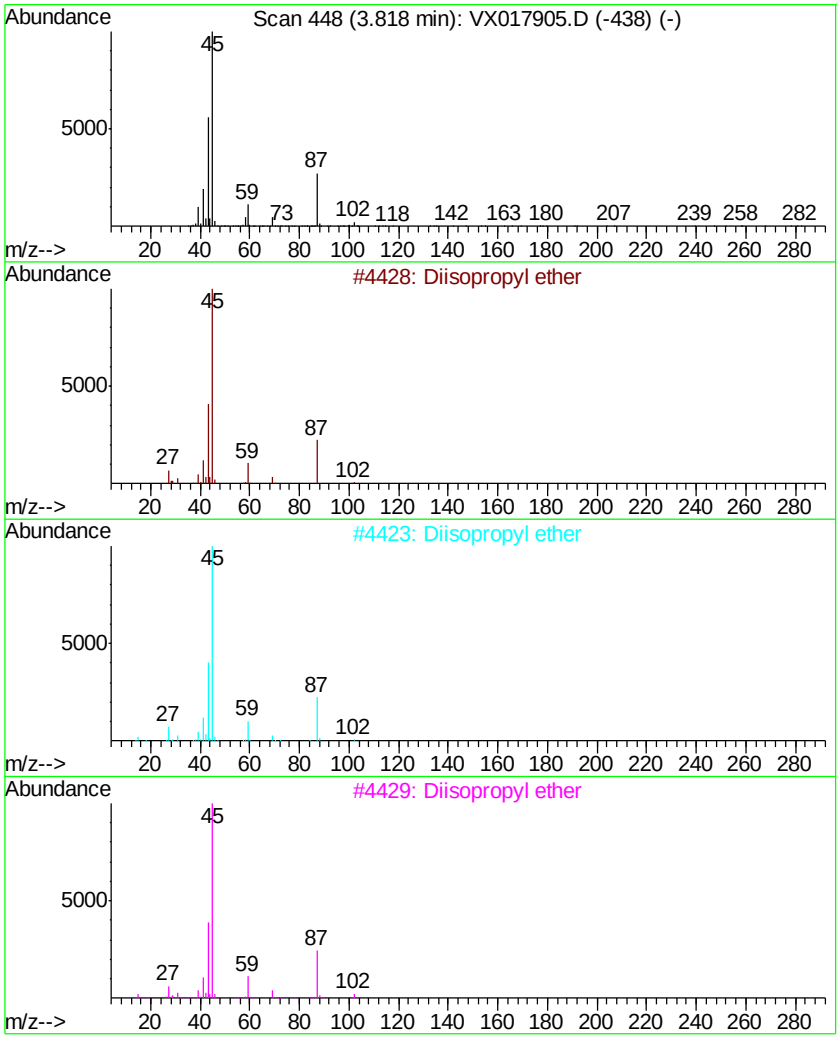
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

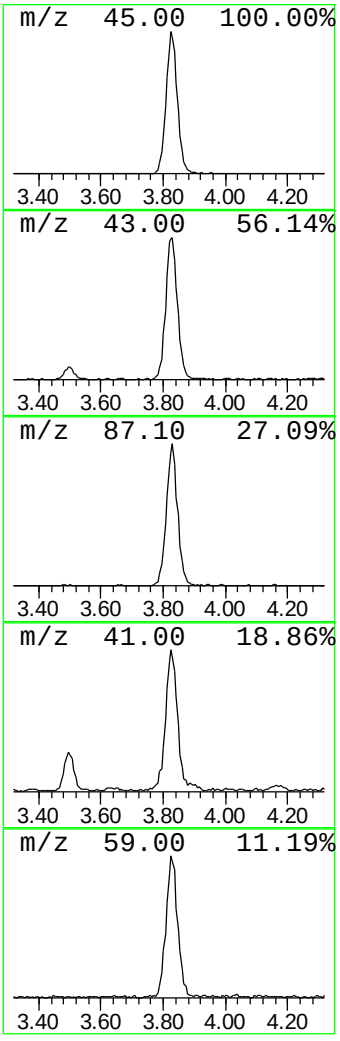
****

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	7.23 ug/L	997930	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	83
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

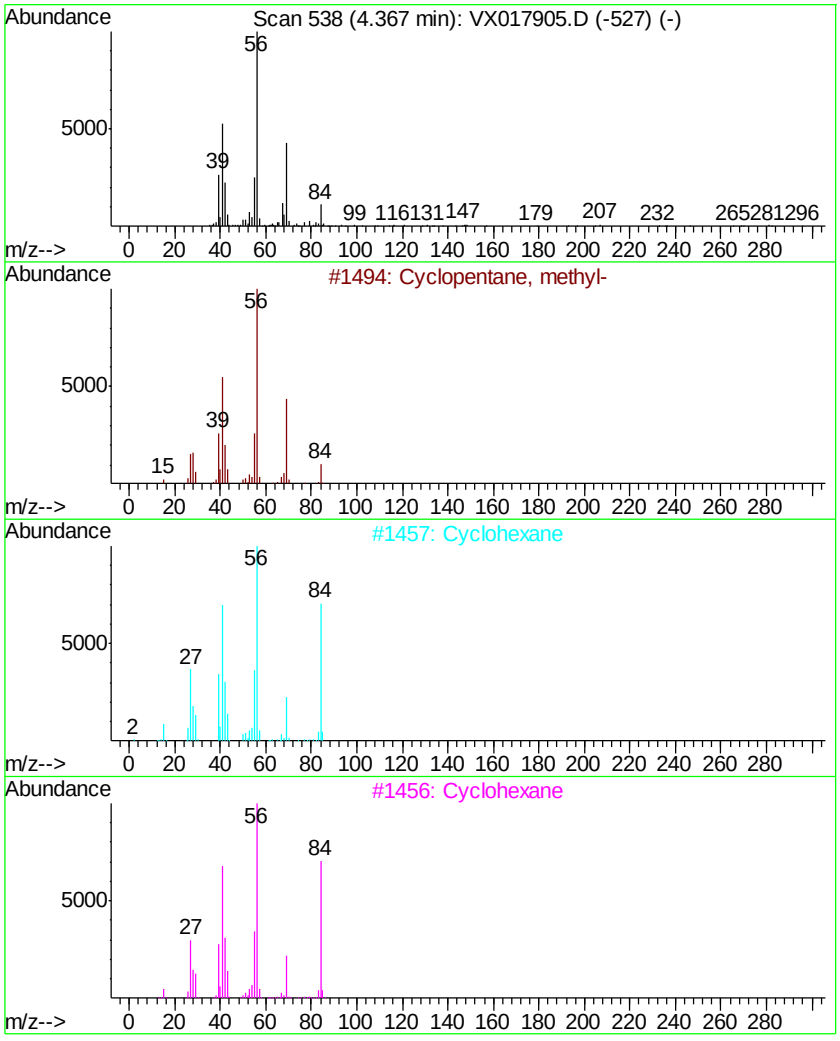
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

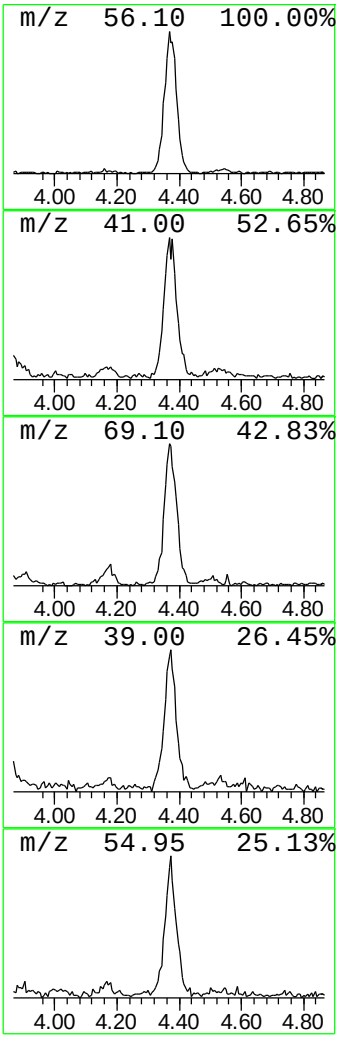
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.37 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	2.23 ug/L	307057	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	80
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

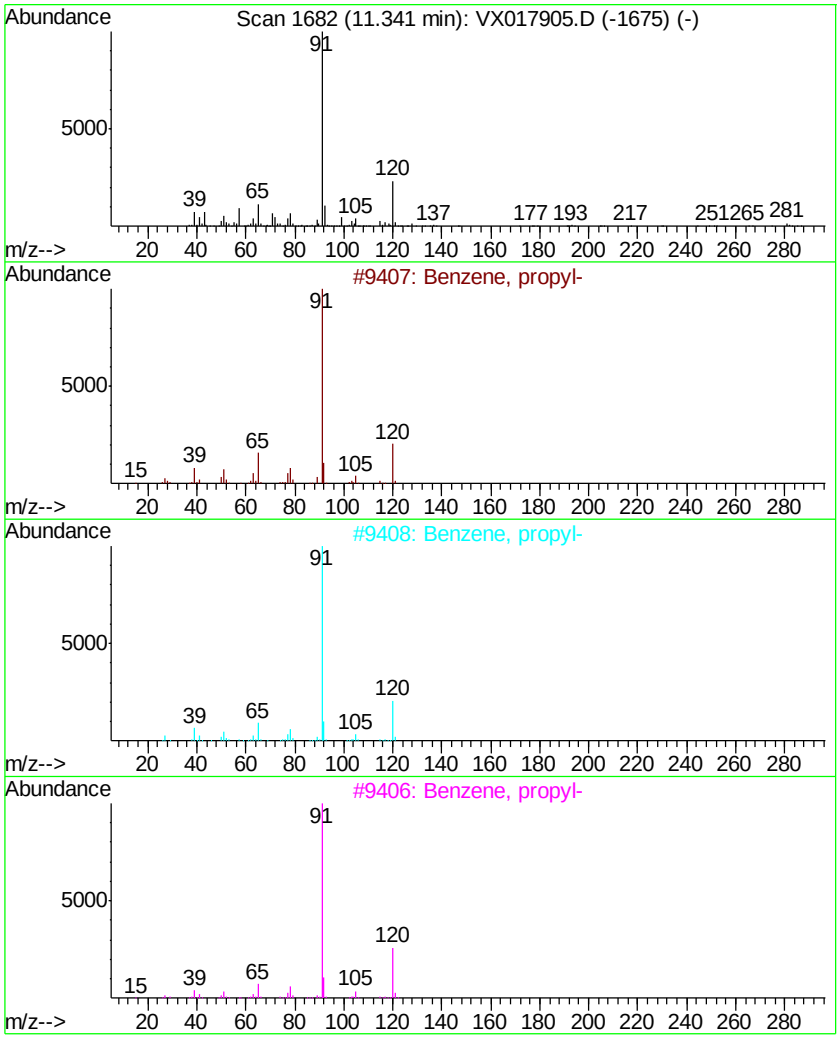
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

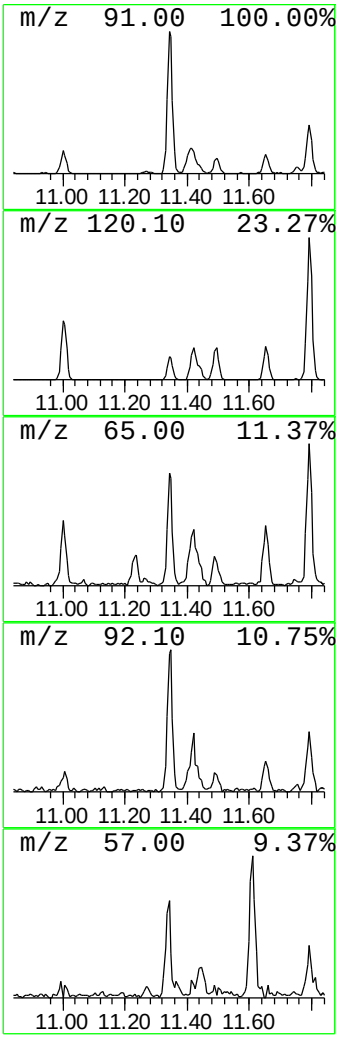
****

Peak Number 5 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.58 ug/L	315146	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Benzene, propyl-	120	C9H12	000103-65-1	52
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

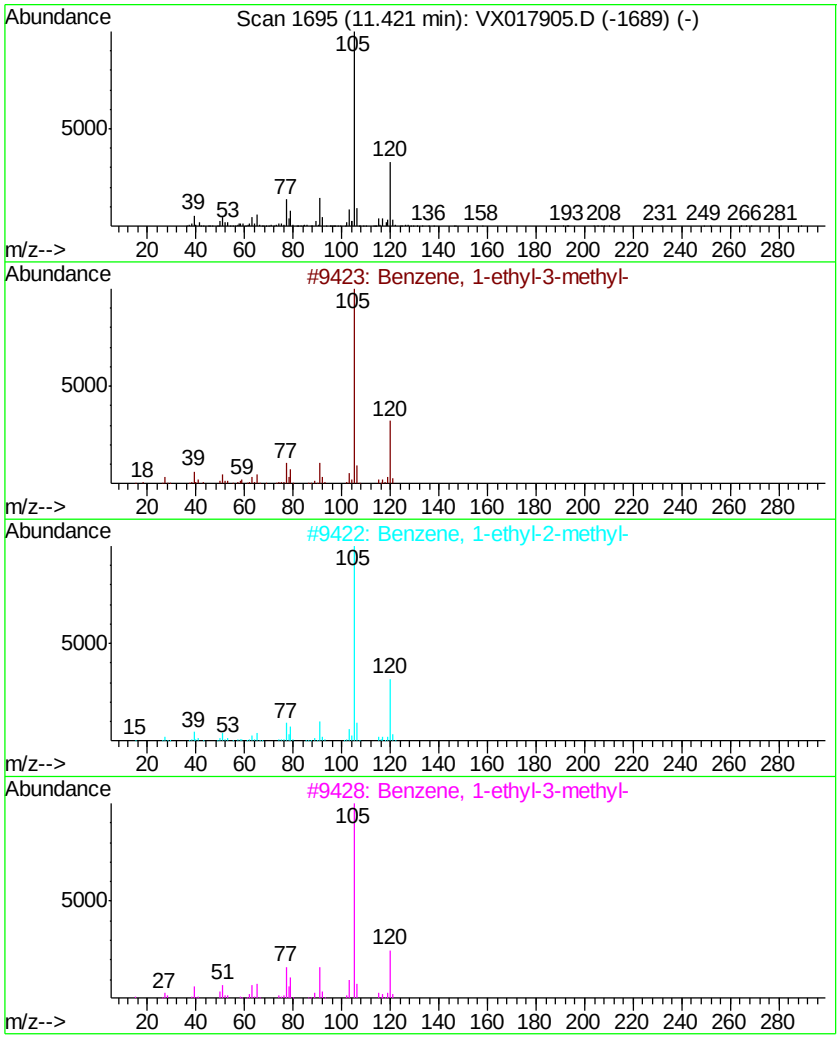
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

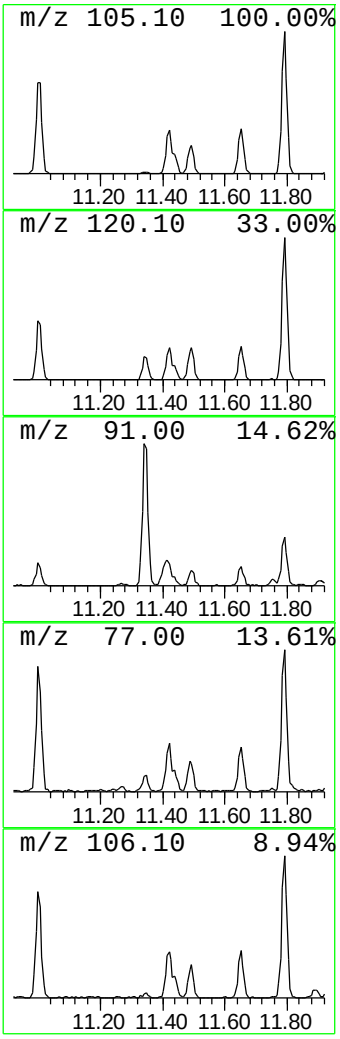
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.77 ug/L	353338	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

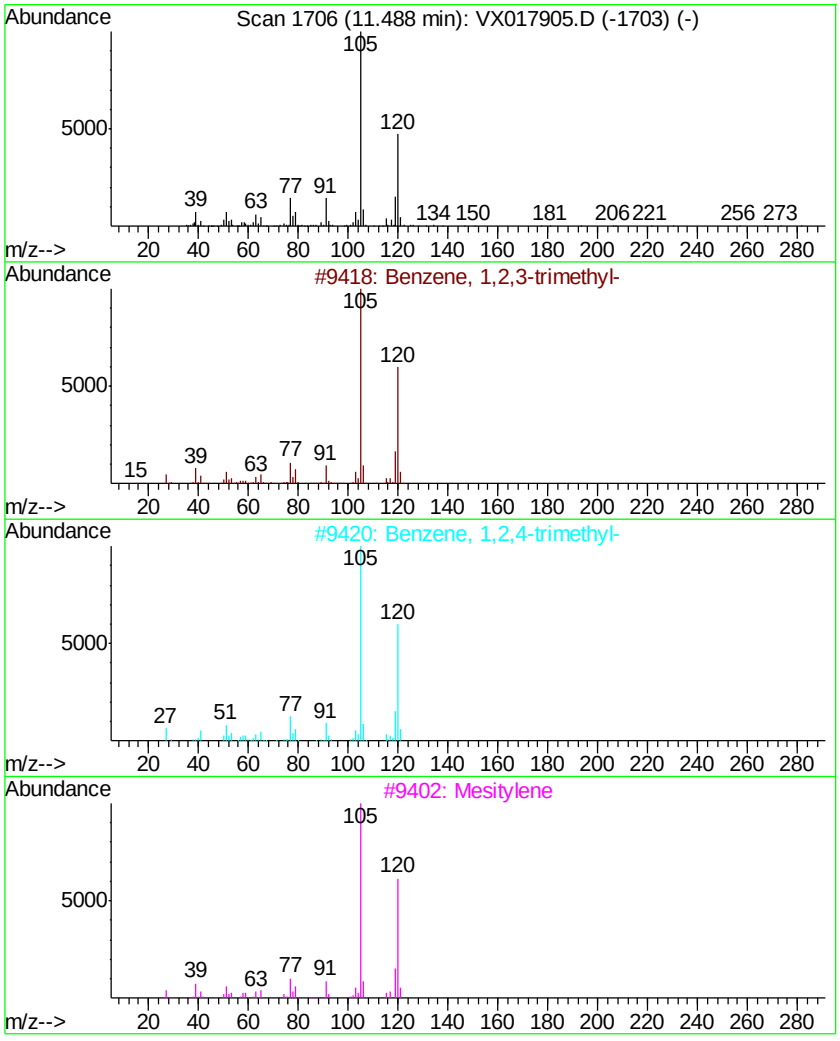
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

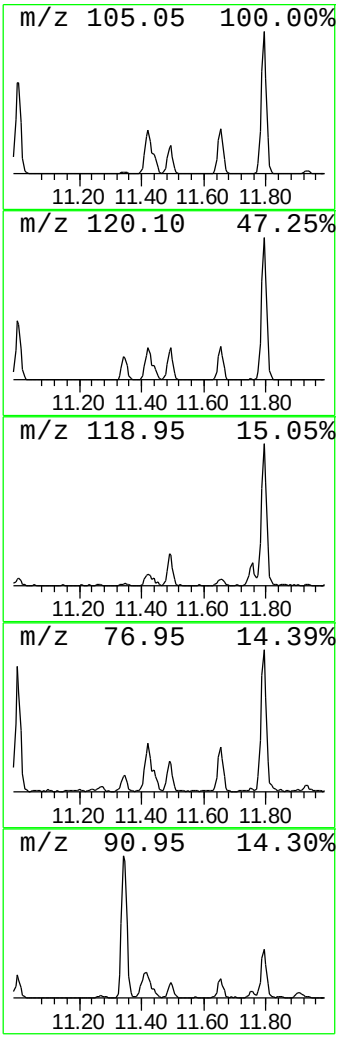
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	1.10 ug/L	219613	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

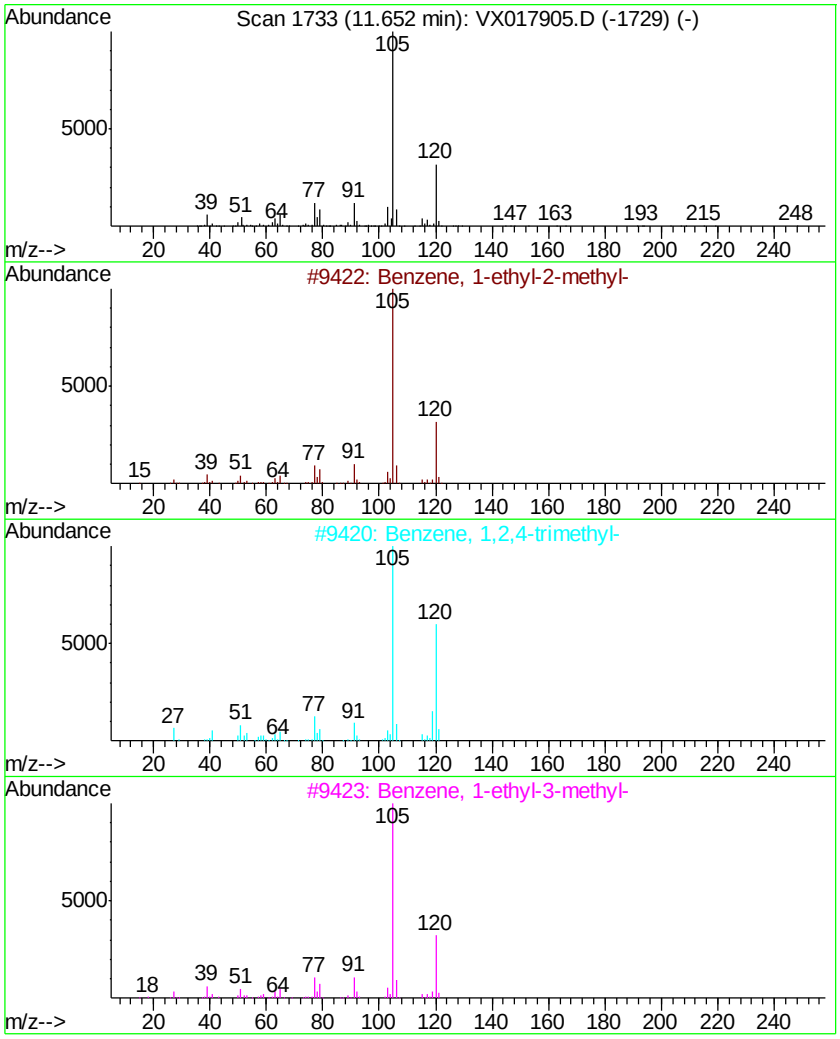
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

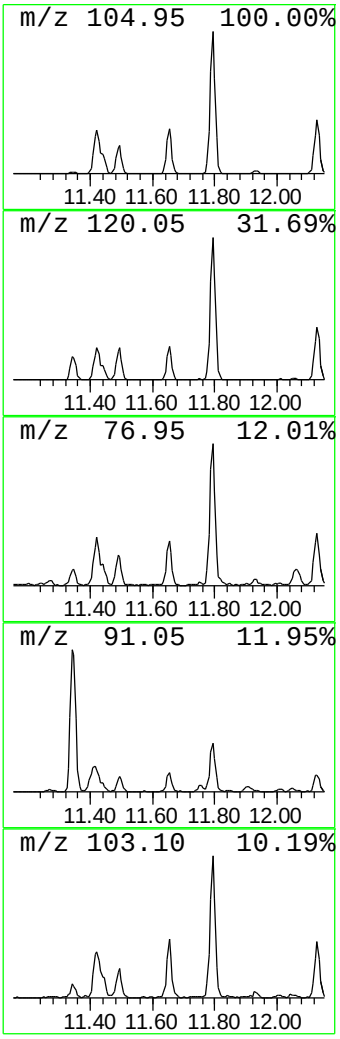
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.48 ug/L	295176	1,4-Dichlorobenzene-d4	12.06

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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

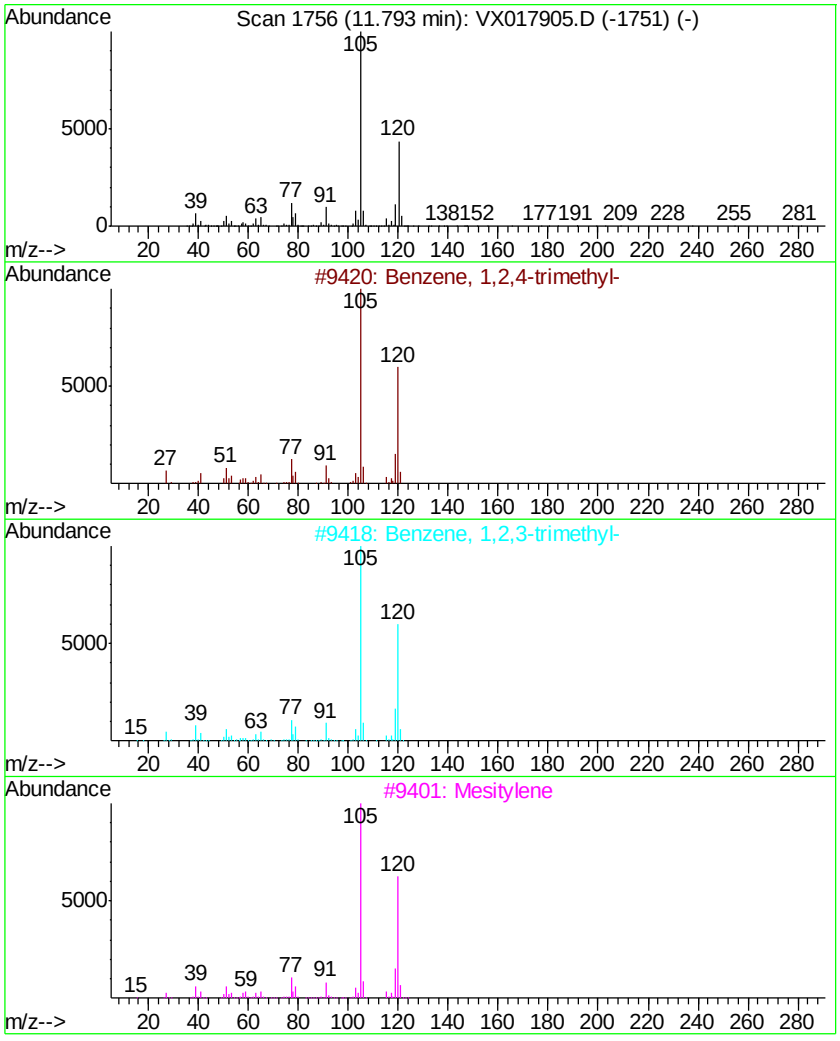
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

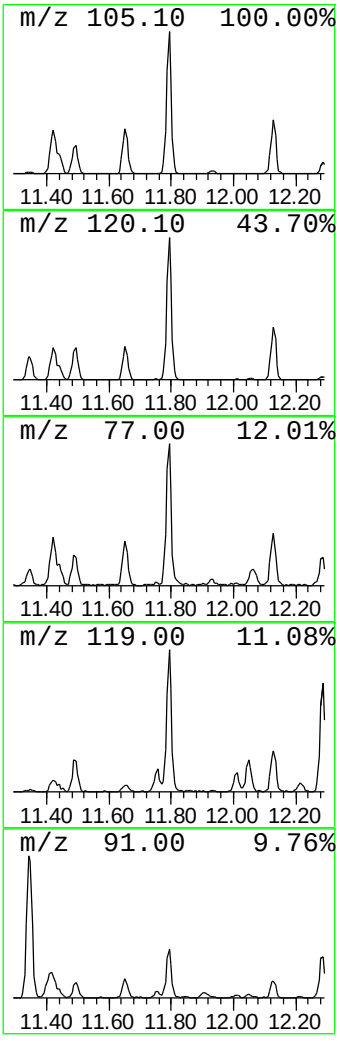
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.72 ug/L	943854	1,4-Dichlorobenzene-d4	12.06

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	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0

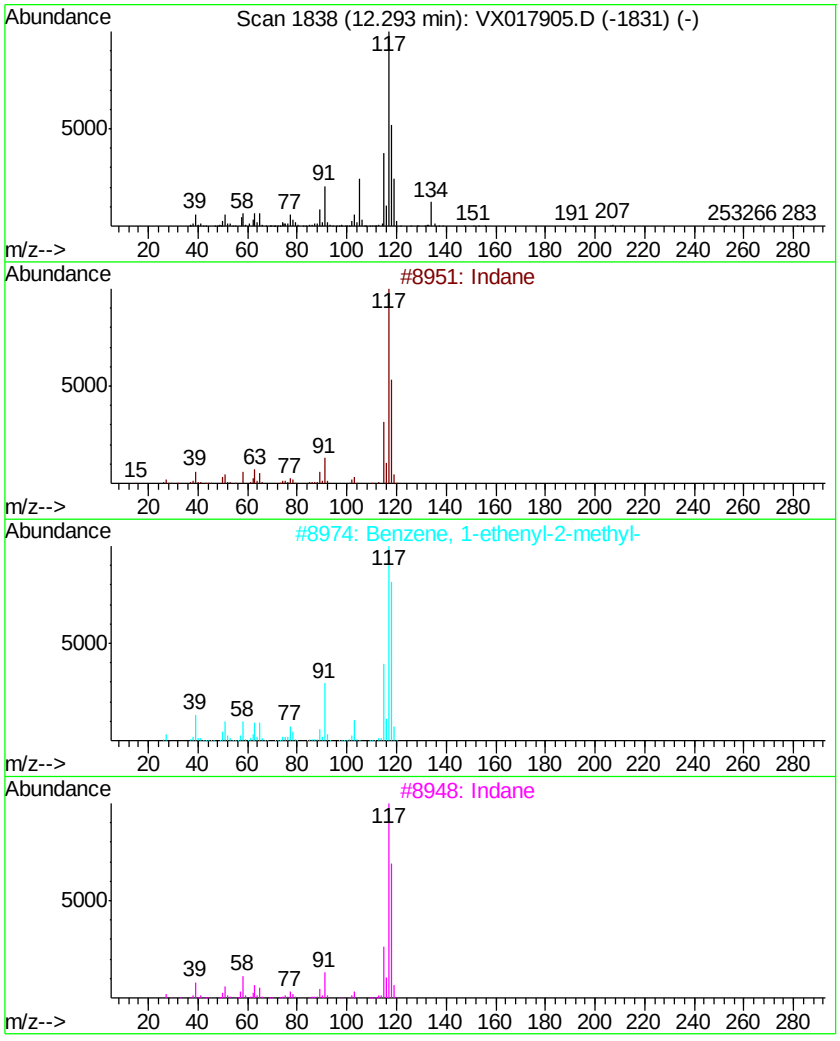
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

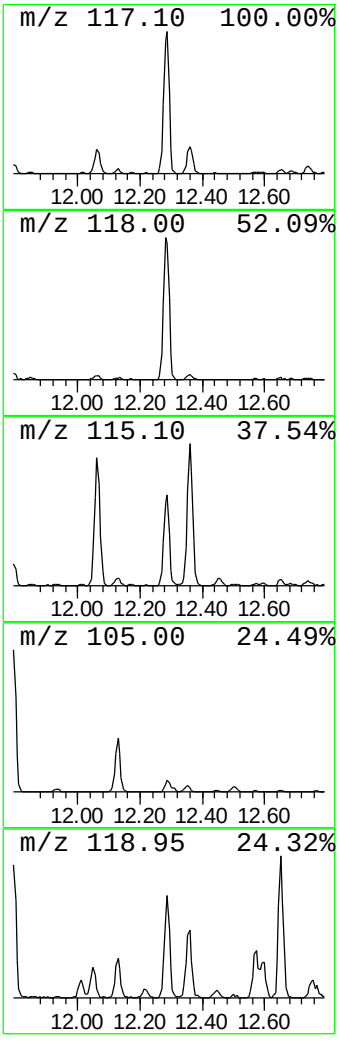
****

Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.08 ug/L	616316	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	64
5	Deltacyclene	118	C9H10	007785-10-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.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
Ethyl ether	2.17	2.6	ug/L	363464	1	6.83	689668	5.0
Diisopropyl ether	3.82	7.2	ug/L	997930	1	6.83	689668	5.0
(DEL) Alkane: Cyc...	4.37	2.2	ug/L	307057	1	6.83	689668	5.0
Benzene, propyl-	11.34	1.6	ug/L	315146	3	12.06	998930	5.0
Benzene, 1-ethyl-...	11.42	1.8	ug/L	353338	3	12.06	998930	5.0
Benzene, 1,2,3-tr...	11.49	1.1	ug/L	219613	3	12.06	998930	5.0
Benzene, 1-ethyl-...	11.65	1.5	ug/L	295176	3	12.06	998930	5.0
Benzene, 1,2,4-tr...	11.79	4.7	ug/L	943854	3	12.06	998930	5.0
Indane	12.29	3.1	ug/L	616316	3	12.06	998930	5.0