LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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	187	rBV	1282076	1871919	3.15%	0.982%
2	3.824	438	449	467	rBV	1935767	4887872	8.22%	2.565%
3	4.562	557	570	580	rBV2	538821	1777751	2.99%	0.933%
4	6.050	800	814	815	rBV2	372889	781840	1.31%	0.410%
5	6.117	815	825	843	rVB	15695765	41890805	70.44%	21.982%
6	6.830	932	942	957	rBV	304570	755988	1.27%	0.397%
7	8.702	1242	1249	1253	rBV	542592	851449	1.43%	0.447%
8	8.775	1253	1261	1277	rVB2	36567024	59472332	100.00%	31.208%
9	9.427	1360	1368	1375	rBV	899860	1247903	2.10%	0.655%
10	10.122	1472	1482	1490	rBV	7633380	10775416	18.12%	5.654%
11	10.238	1495	1501	1506	rBV	8089254	10440751	17.56%	5.479%
12	10.342	1512	1518	1527	rBV	19479143	26177265	44.02%	13.736%
13	10.683	1569	1574	1585	rVB	6882551	8836448	14.86%	4.637%
14	11.000	1621	1626	1632	rBV	1508710	1987658	3.34%	1.043%
15	11.341	1675	1682	1689	rBV2	944166	1266489	2.13%	0.665%
16	11.421	1689	1695	1697	rBV2	867484	1293672	2.18%	0.679%
17	11.494	1703	1707	1721	rVB	613583	772734	1.30%	0.405%
18	11.652	1729	1733	1743	rVB	955208	1183045	1.99%	0.621%
19	11.792	1752	1756	1765	rVB	2440435	2903814	4.88%	1.524%
20	12.061	1795	1800	1807	rBV3	764643	1663744	2.80%	0.873%
21	12.128	1807	1811	1816	rVB	1374806	1654958	2.78%	0.868%
22	12.286	1831	1837	1844	rBV	1795848	2335789	3.93%	1.226%
23	12.359	1844	1849	1857	rVB3	1072899	2210026	3.72%	1.160%
24	12.585	1879	1886	1894	rBV3	311597	766547	1.29%	0.402%
25	12.872	1926	1933	1939	rVB3	816715	1372282	2.31%	0.720%
26	13.817	2083	2088	2095	rBV	1054955	1390432	2.34%	0.730%

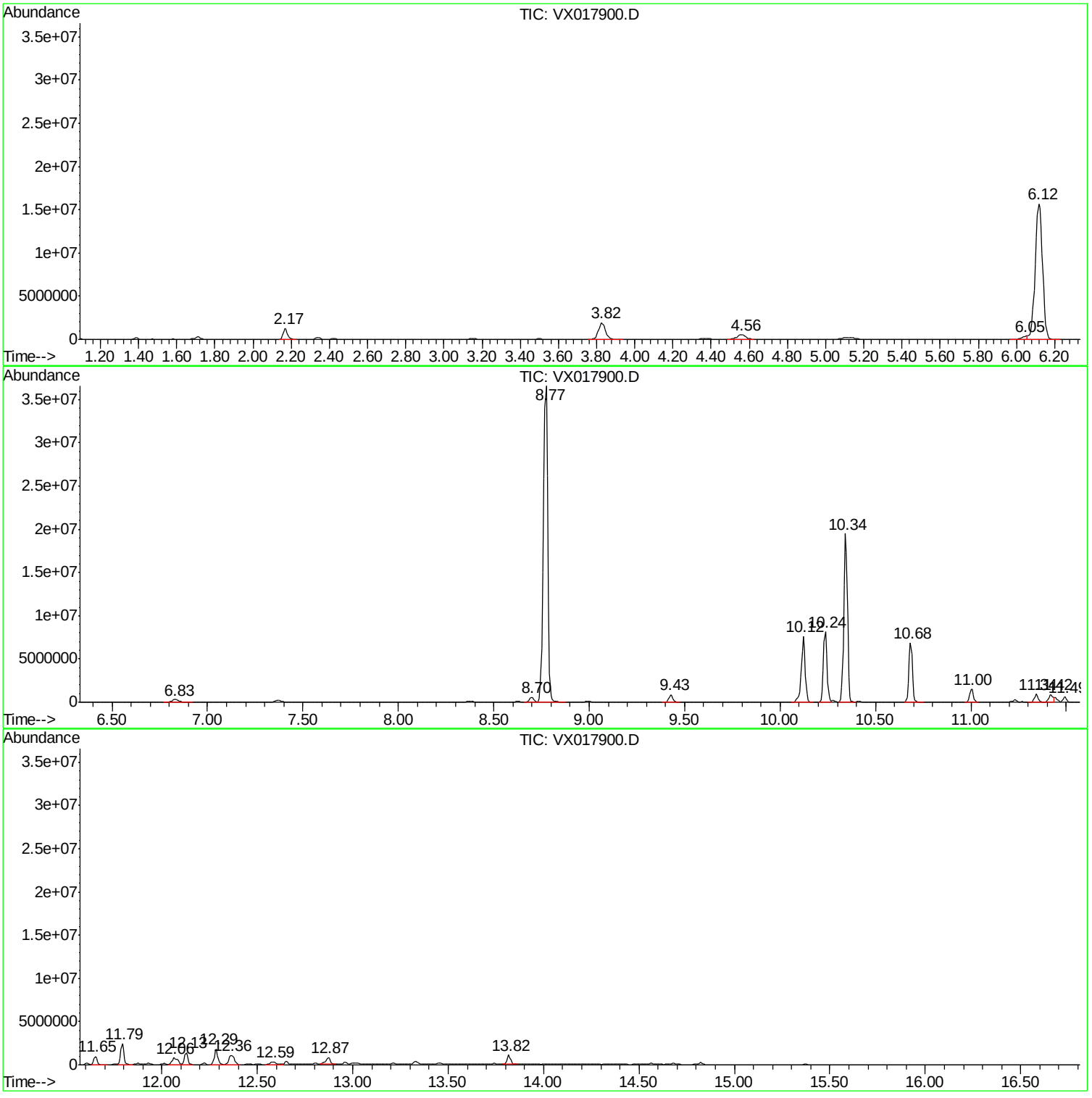
Sum of corrected areas: 190568929

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

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 : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

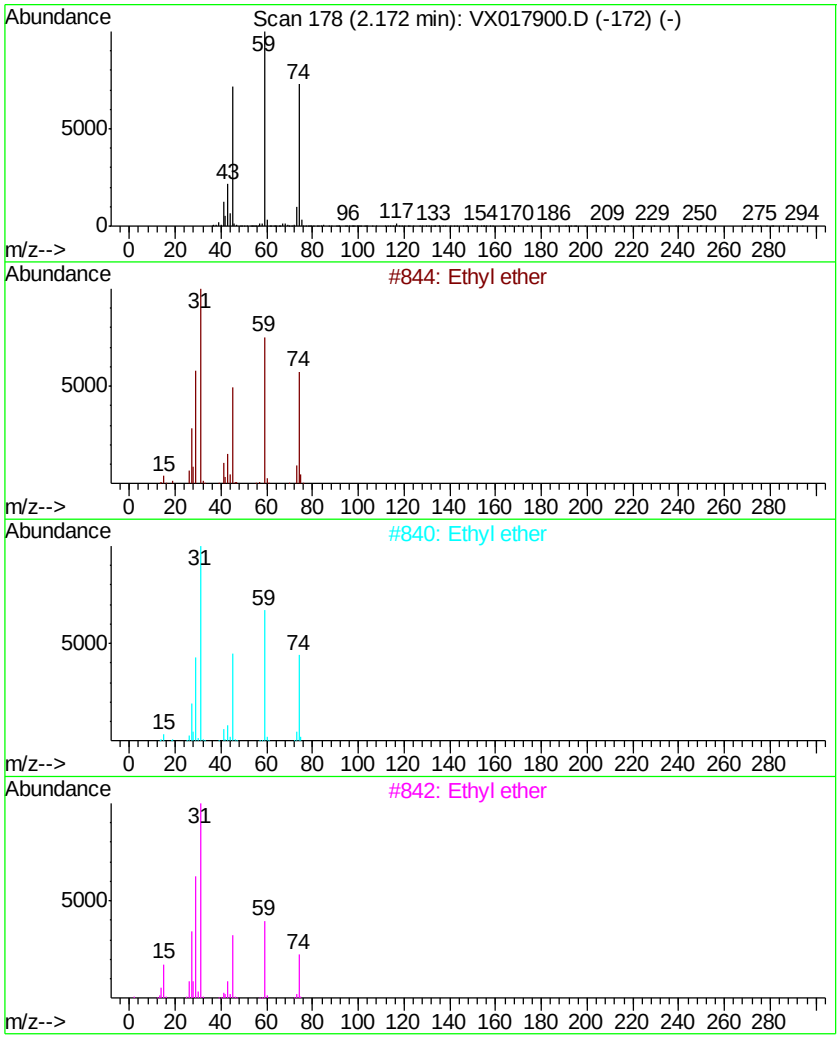
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

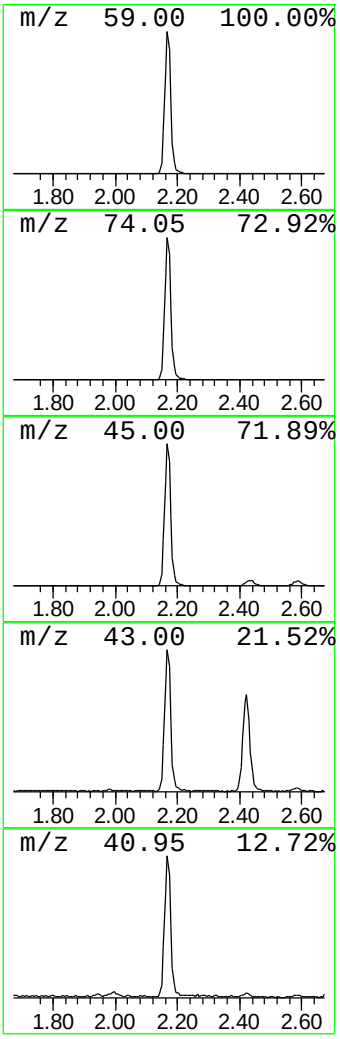
****

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	12.38 ug/L	1871920	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	90
3	Ethyl ether	74	C4H10O	000060-29-7	86
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	83
5	Ethyl ether	74	C4H10O	000060-29-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

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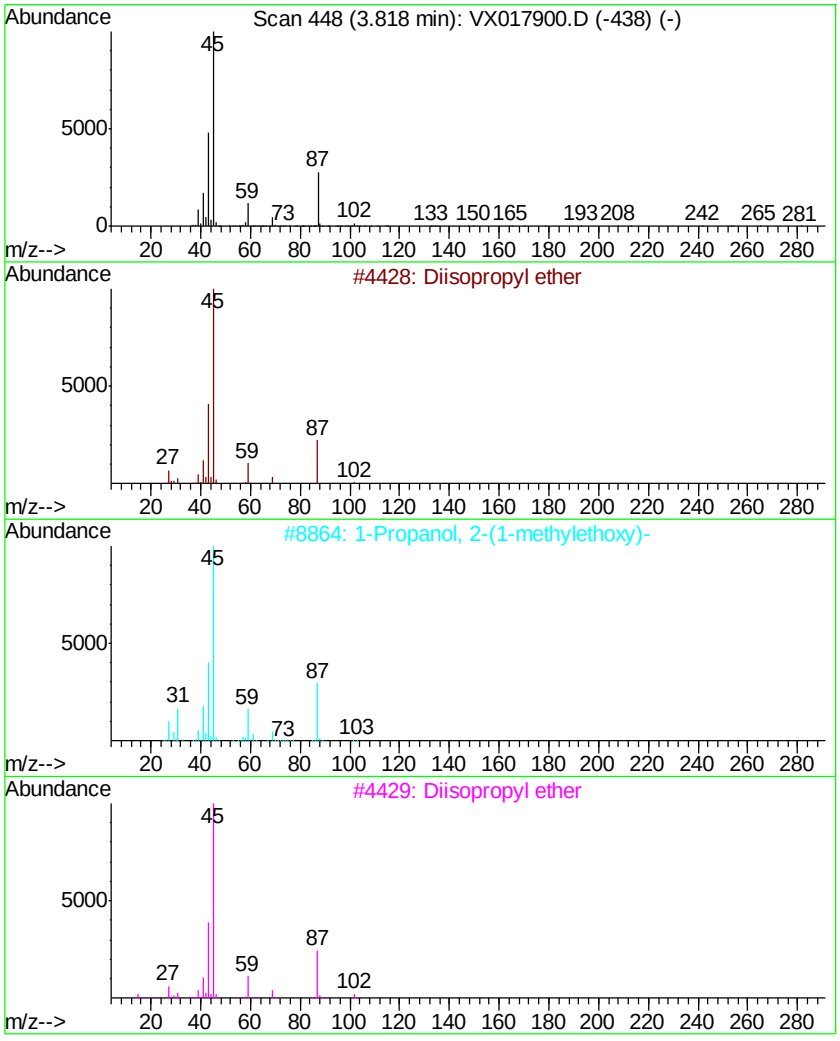
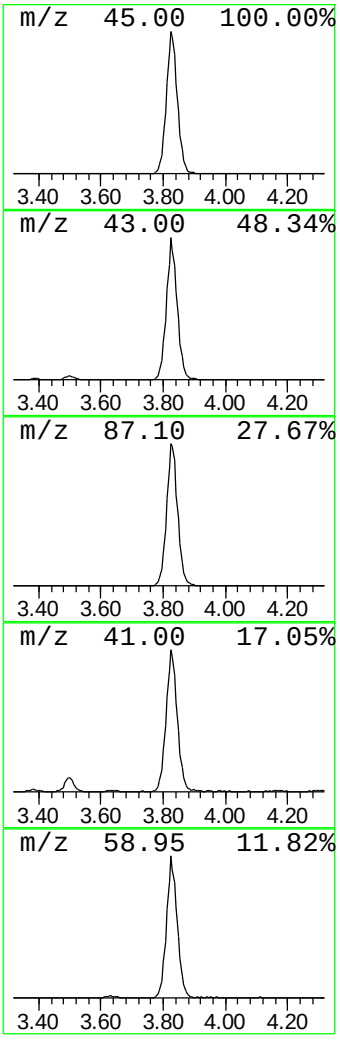
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	32.33 ug/L	4887870	1,4-Difluorobenzene	6.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

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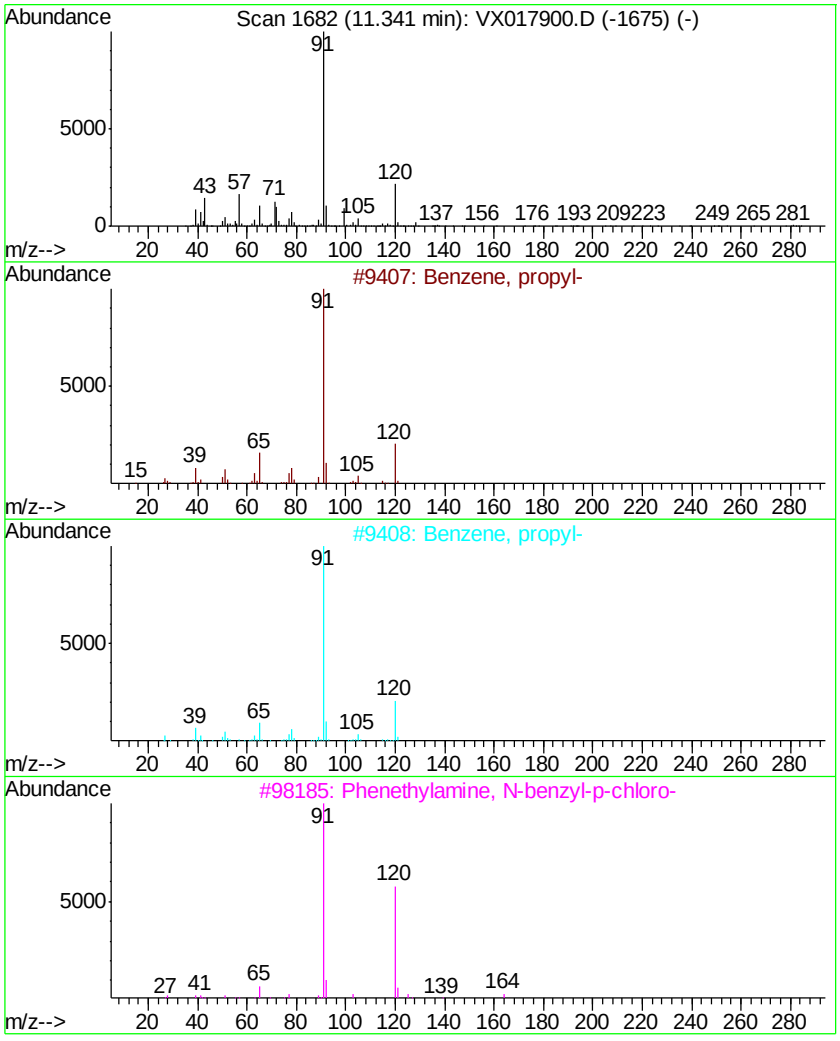
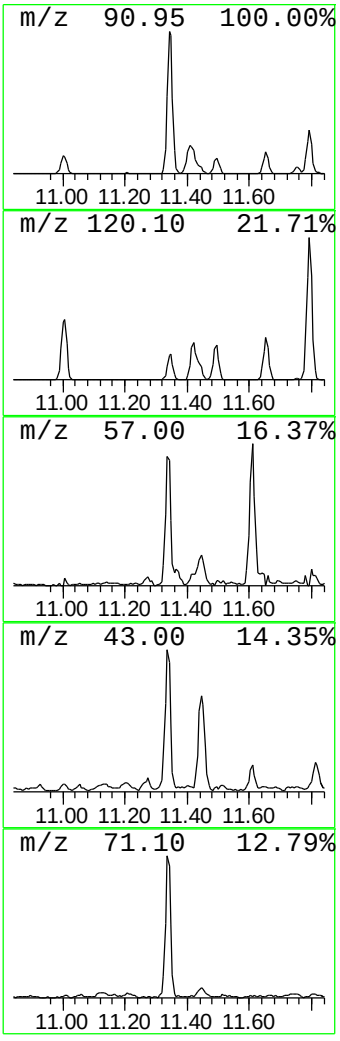
Peak Number 3 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.81 ug/L	1266490	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	55
2	Benzene, propyl-	120	C9H12	000103-65-1	55
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	47
4	Benzene, propyl-	120	C9H12	000103-65-1	46
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

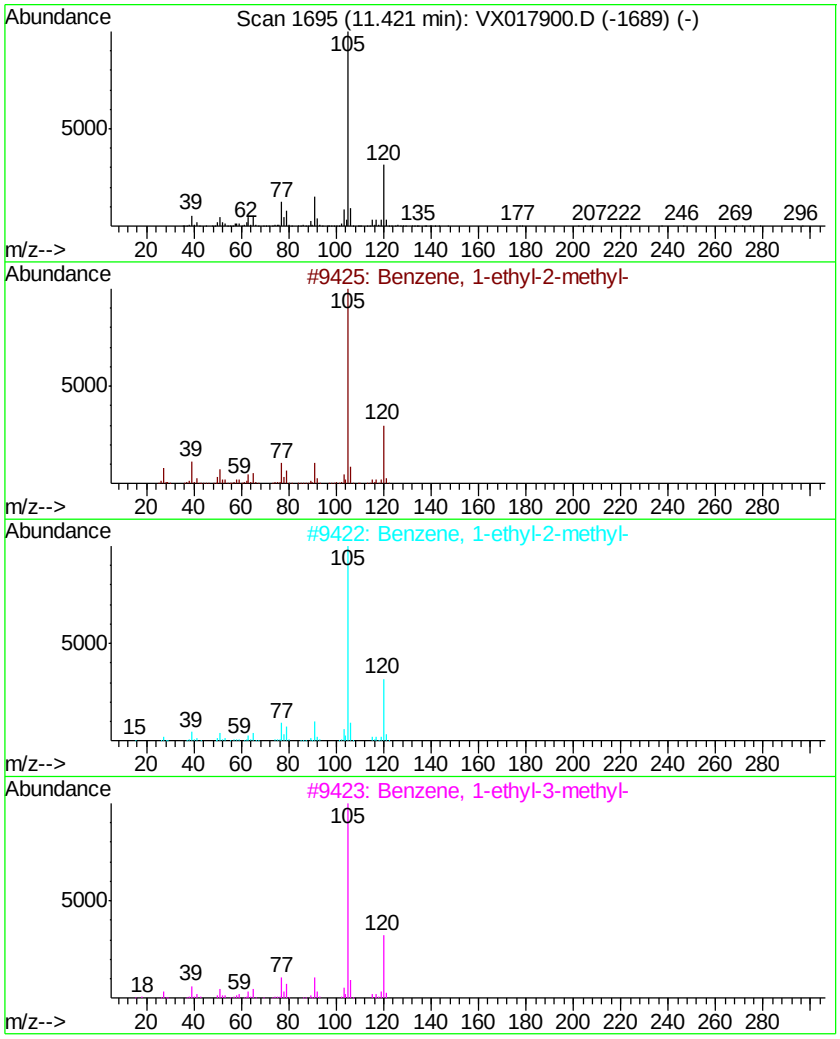
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

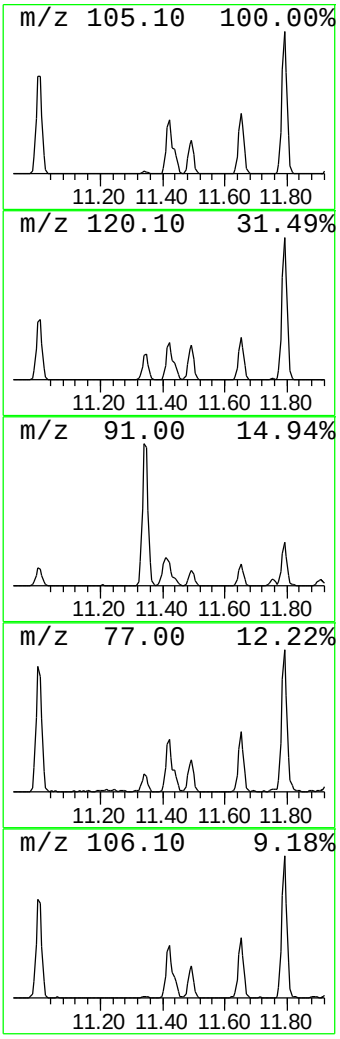
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.89 ug/L	1293670	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	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-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

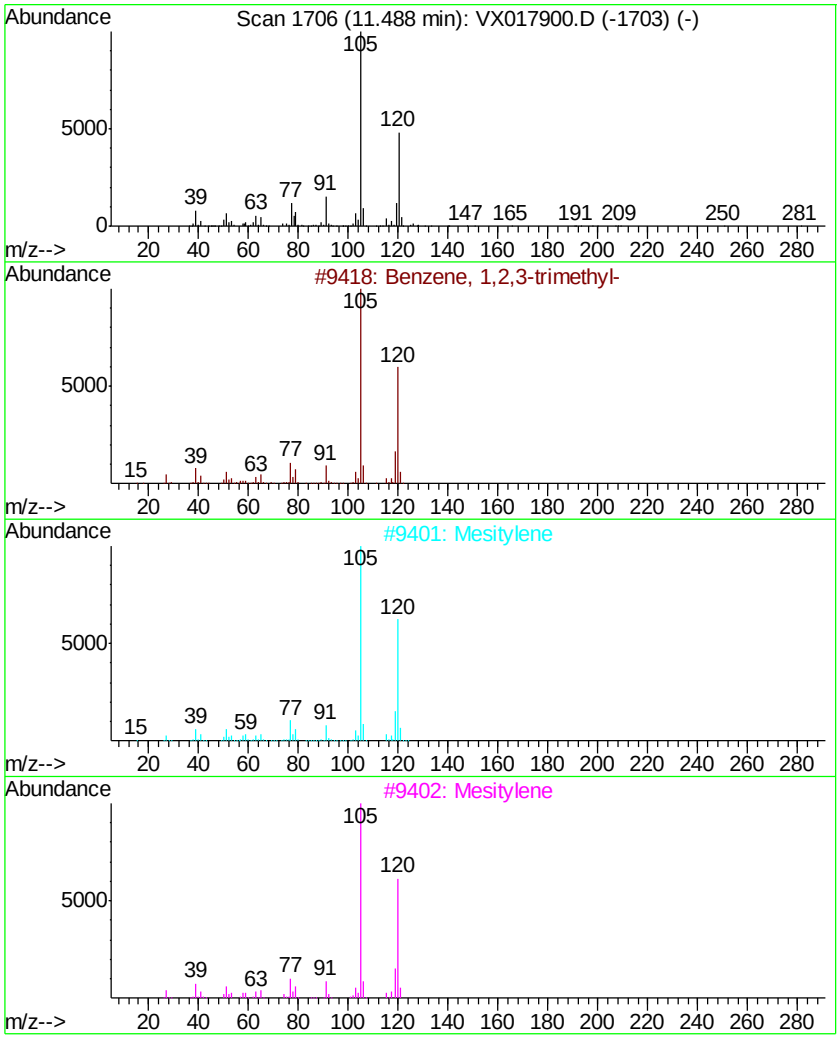
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

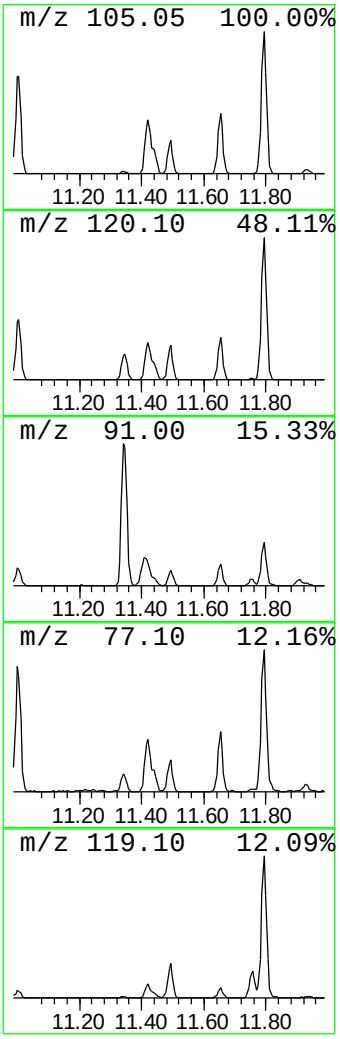
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.32 ug/L	772734	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	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

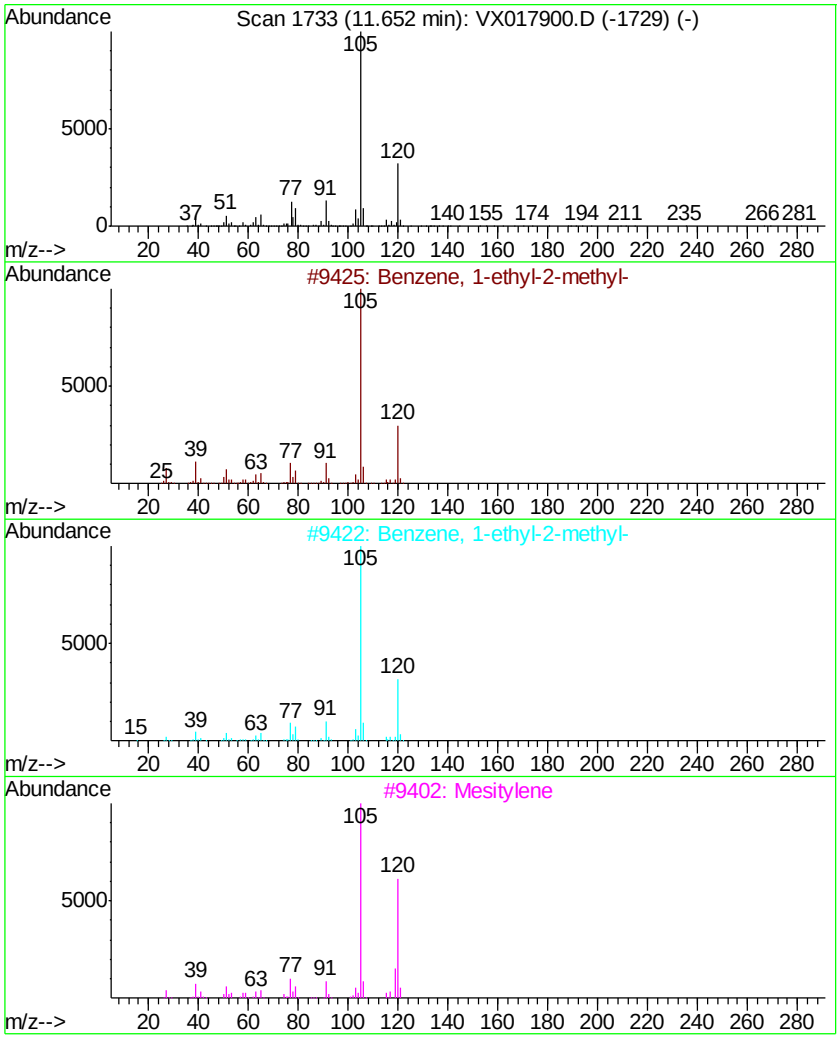
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

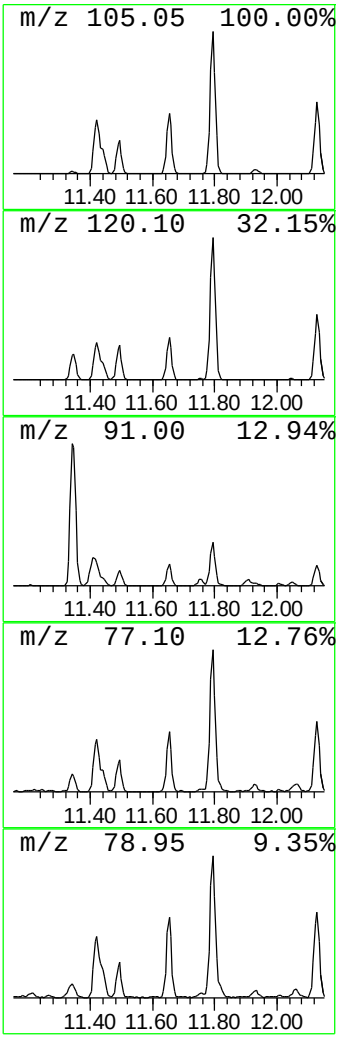
****

Peak Number 6 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.56 ug/L	1183050	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

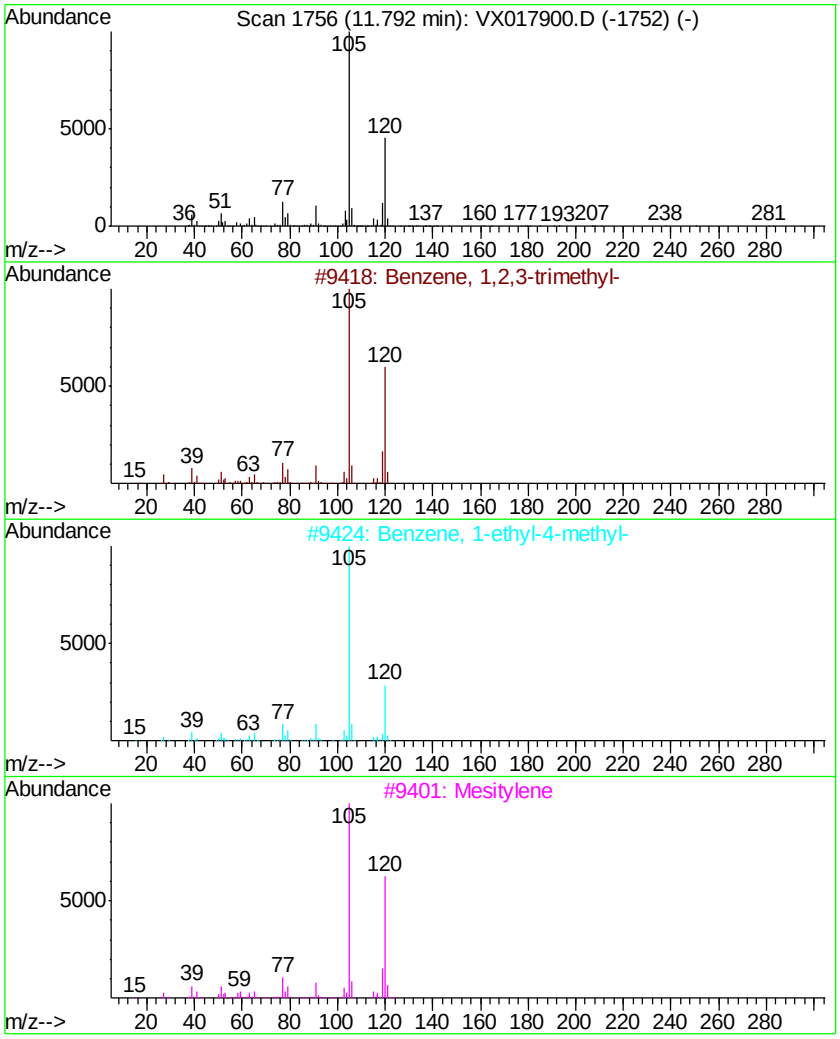
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

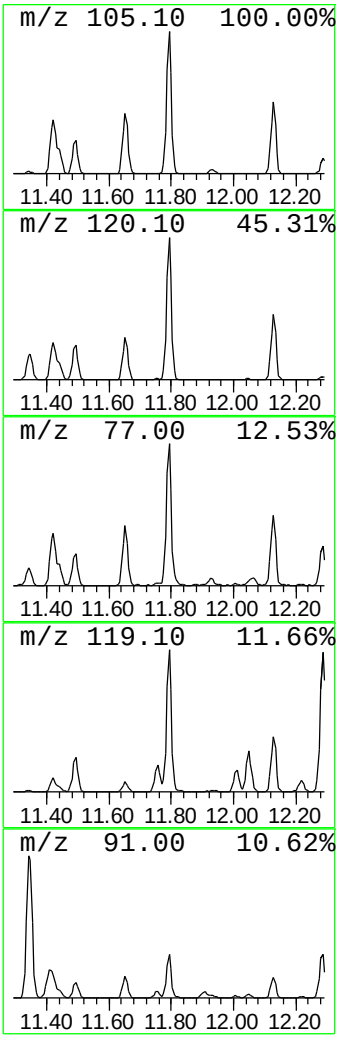
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.73 ug/L	2903810	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	97
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

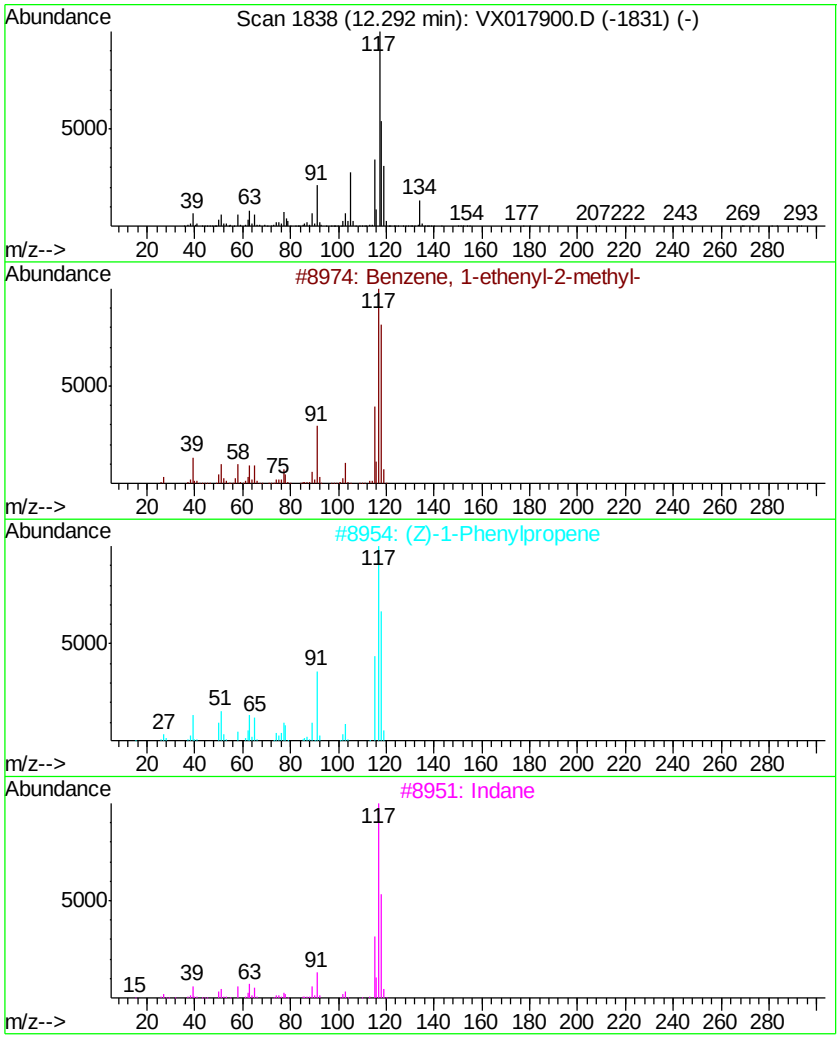
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

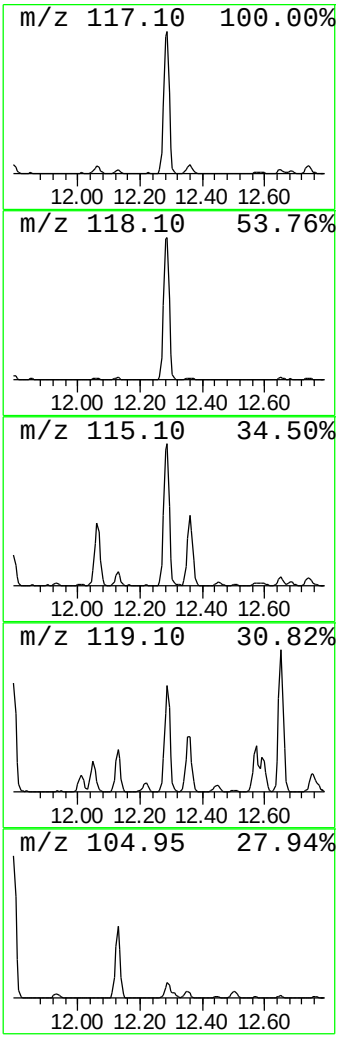
****

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.02 ug/L	2335790	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Indane	118	C9H10	000496-11-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

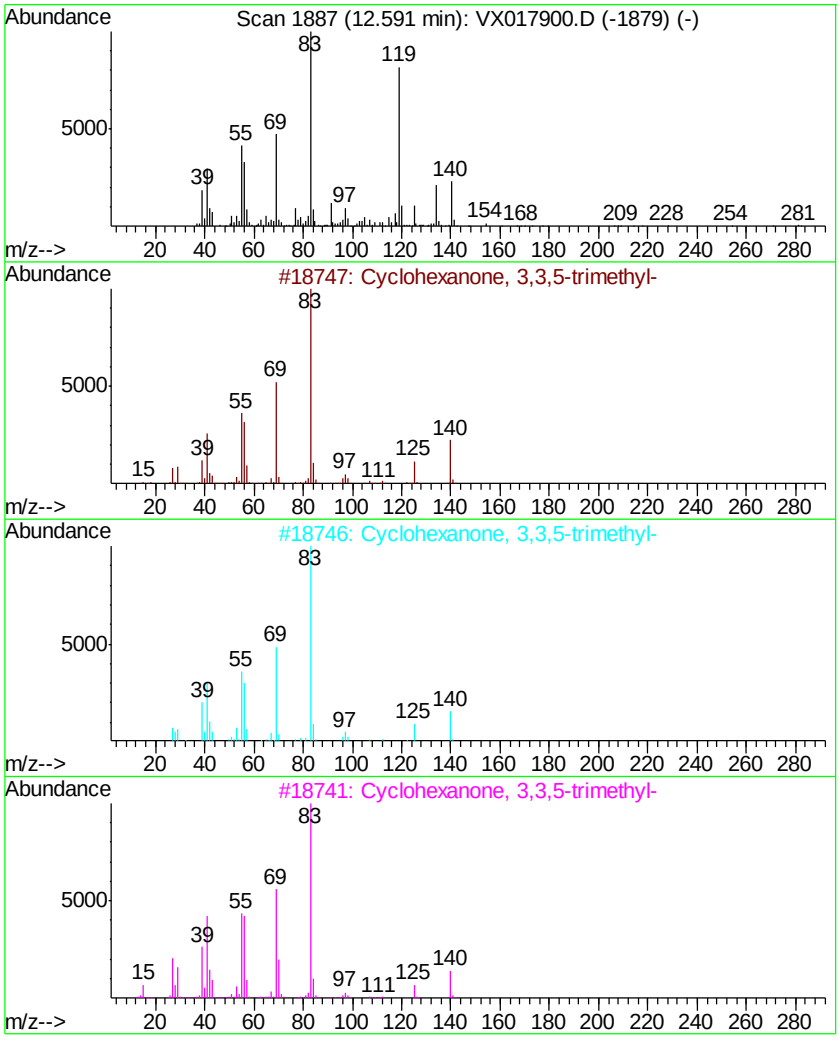
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

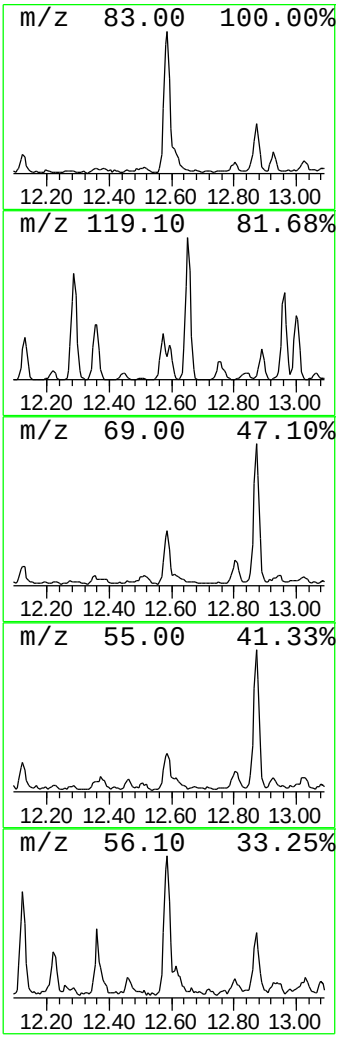
****

Peak Number 9 Cyclohexanone, 3,3,5-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.30 ug/L	766547	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	68
4	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	47
5	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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

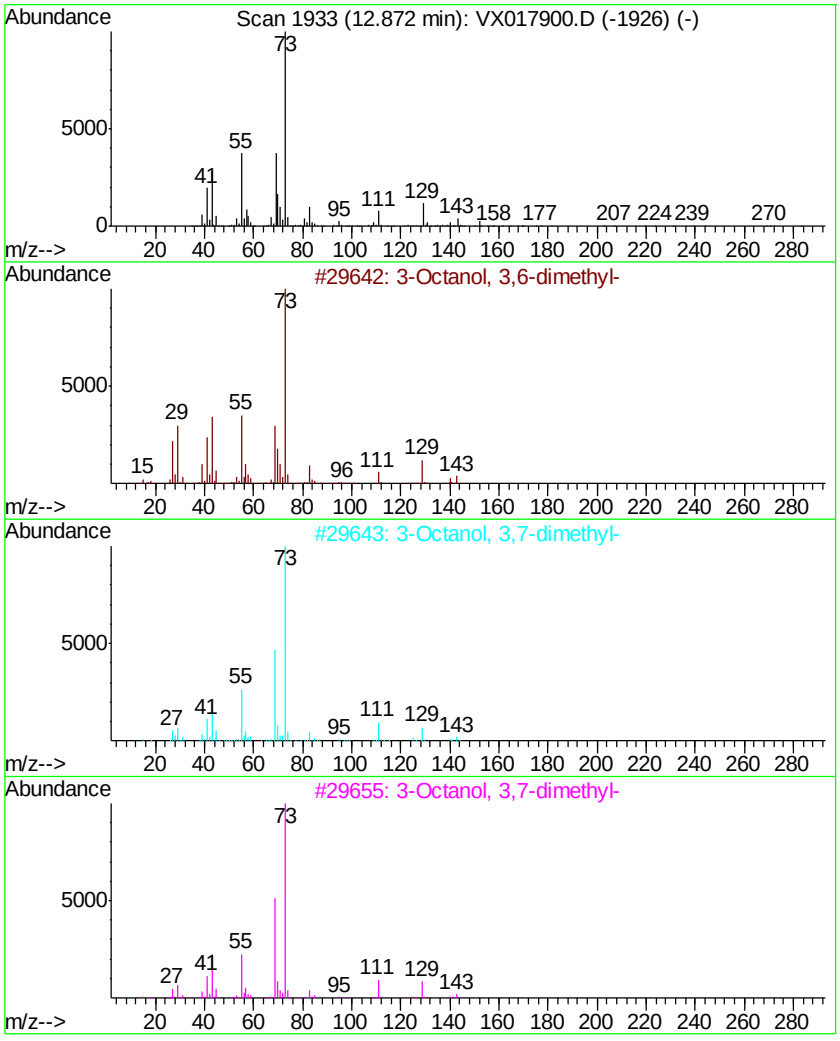
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

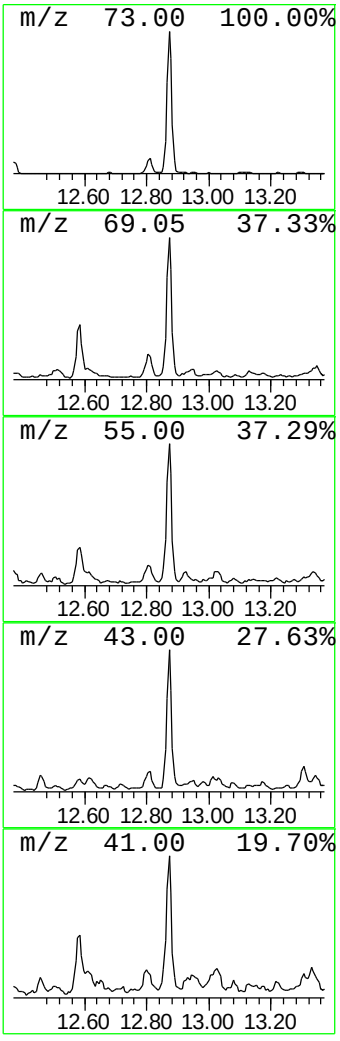
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.12 ug/L	1372280	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	86
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
4	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	47
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

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	12.4	ug/L	1871920	1	6.83	755988	5.0
Diisopropyl ether	3.82	32.3	ug/L	4887870	1	6.83	755988	5.0
Benzene, propyl-	11.34	3.8	ug/L	1266490	3	12.06	1663740	5.0
Benzene, 1-ethyl-...	11.42	3.9	ug/L	1293670	3	12.06	1663740	5.0
Benzene, 1,2,3-tr...	11.49	2.3	ug/L	772734	3	12.06	1663740	5.0
Mesitylene	11.65	3.6	ug/L	1183050	3	12.06	1663740	5.0
Benzene, 1,2,4-tr...	11.79	8.7	ug/L	2903810	3	12.06	1663740	5.0
Benzene, 1-etheny...	12.29	7.0	ug/L	2335790	3	12.06	1663740	5.0
Cyclohexanone, 3,...	12.59	2.3	ug/L	766547	3	12.06	1663740	5.0
3-Octanol, 3,6-di...	12.87	4.1	ug/L	1372280	3	12.06	1663740	5.0