LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

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\SOMXTR100220WMA.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	2.343	198	206	218	rBV2	129702	222814	1.47%	0.586%
2	3.148	326	338	350	rBV	71294	164172	1.08%	0.432%
3	3.501	387	396	410	rVB	100713	228253	1.50%	0.600%
4	4.373	528	539	554	rVB2	109866	319603	2.10%	0.840%
5	4.562	558	570	582	rBV	1038716	2901152	19.10%	7.629%
6	5.141	655	665	680	rVB2	81957	244991	1.61%	0.644%
7	5.458	699	717	730	rBV	917542	2832321	18.64%	7.448%
8	6.044	802	813	833	rBV2	192727	577358	3.80%	1.518%
9	6.830	932	942	952	rBV	71837	178370	1.17%	0.469%
10	7.367	1019	1030	1041	rBV	120147	265663	1.75%	0.699%
11	8.696	1239	1248	1253	rBV	304837	478332	3.15%	1.258%
12	8.769	1253	1260	1279	rVB	9885550	15192394	100.00%	39.949%
13	9.427	1361	1368	1378	rBV	423440	586114	3.86%	1.541%
14	10.098	1471	1478	1490	rBV	149163	221176	1.46%	0.582%
15	10.342	1511	1518	1525	rBV	306223	408252	2.69%	1.074%
16	10.683	1568	1574	1580	rBV	229638	296566	1.95%	0.780%
17	11.232	1658	1664	1674	rVB	129057	171887	1.13%	0.452%
18	11.421	1689	1695	1702	rBV	286454	493203	3.25%	1.297%
19	11.494	1702	1707	1713	rVB	138045	180566	1.19%	0.475%
20	11.610	1720	1726	1731	rBV	8345814	9879709	65.03%	25.979%
21	11.652	1731	1733	1742	rVB	158809	183427	1.21%	0.482%
22	11.793	1751	1756	1762	rVB	529559	611187	4.02%	1.607%
23	11.866	1762	1768	1773	rBV	418693	510832	3.36%	1.343%
24	12.061	1795	1800	1806	rVV	169671	213221	1.40%	0.561%
25	12.128	1806	1811	1816	rVB	140379	176263	1.16%	0.463%
26	12.360	1844	1849	1859	rVB	385733	491691	3.24%	1.293%

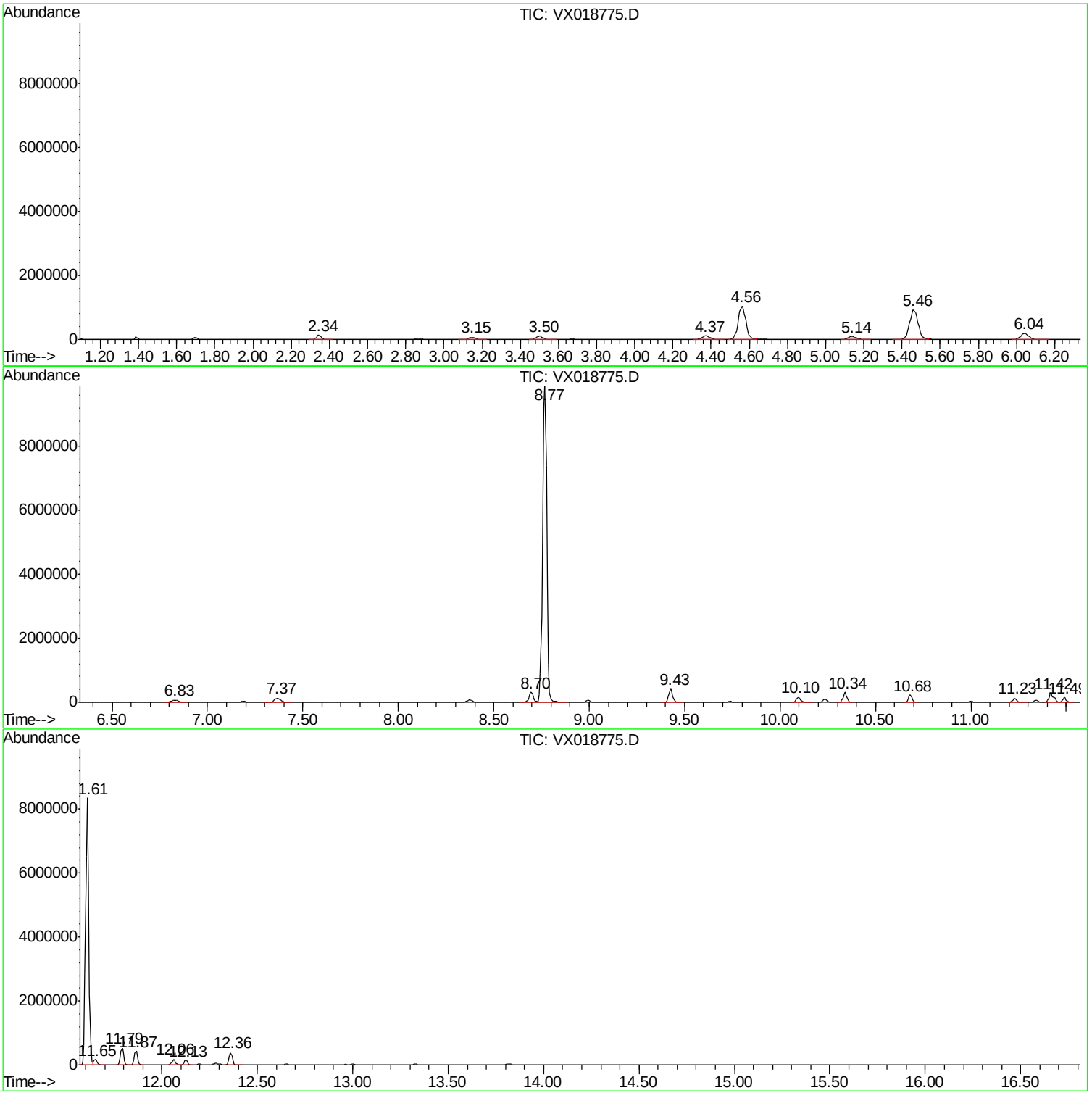
Sum of corrected areas: 38029517

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

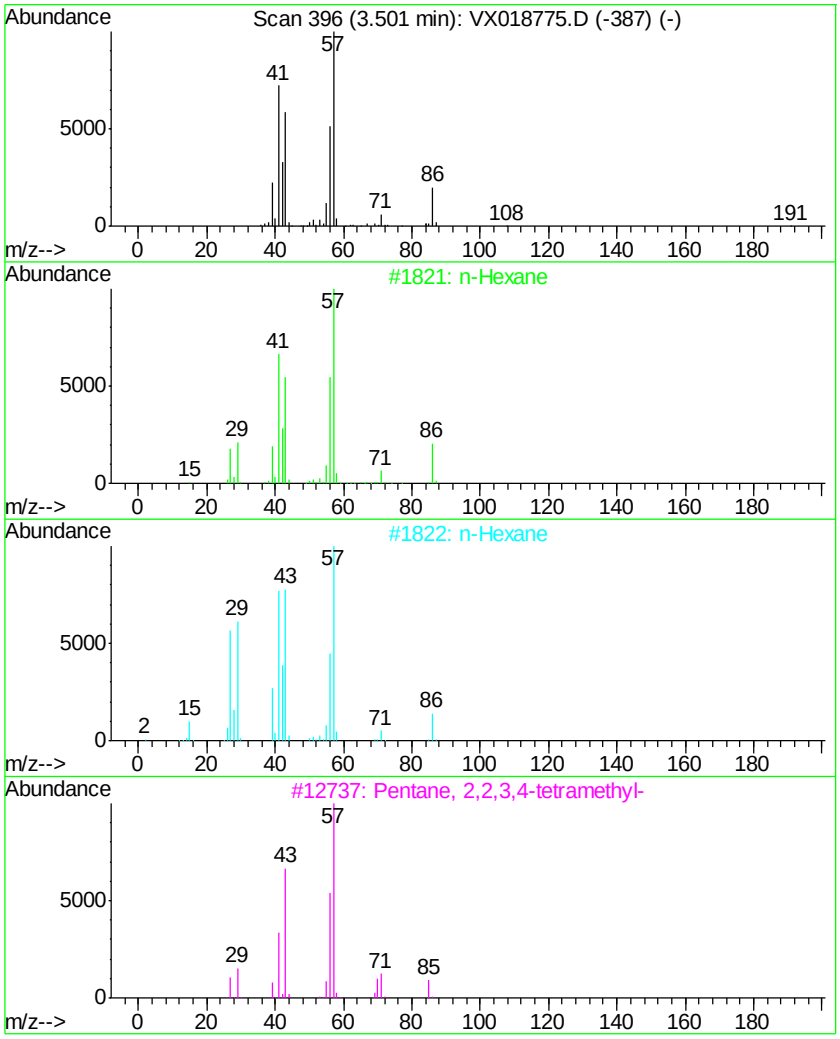
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

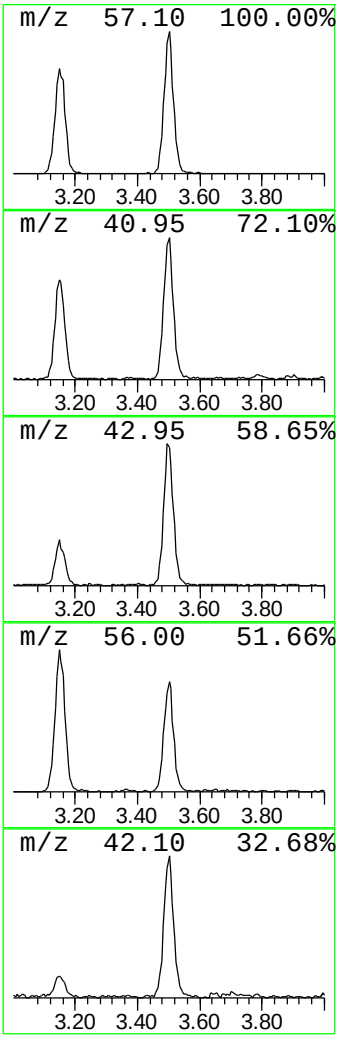
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	6.40 ug/L	228253	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5	2(3H)-Furanone, dihydro-3-methyl-	100	C5H8O2	001679-47-6	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

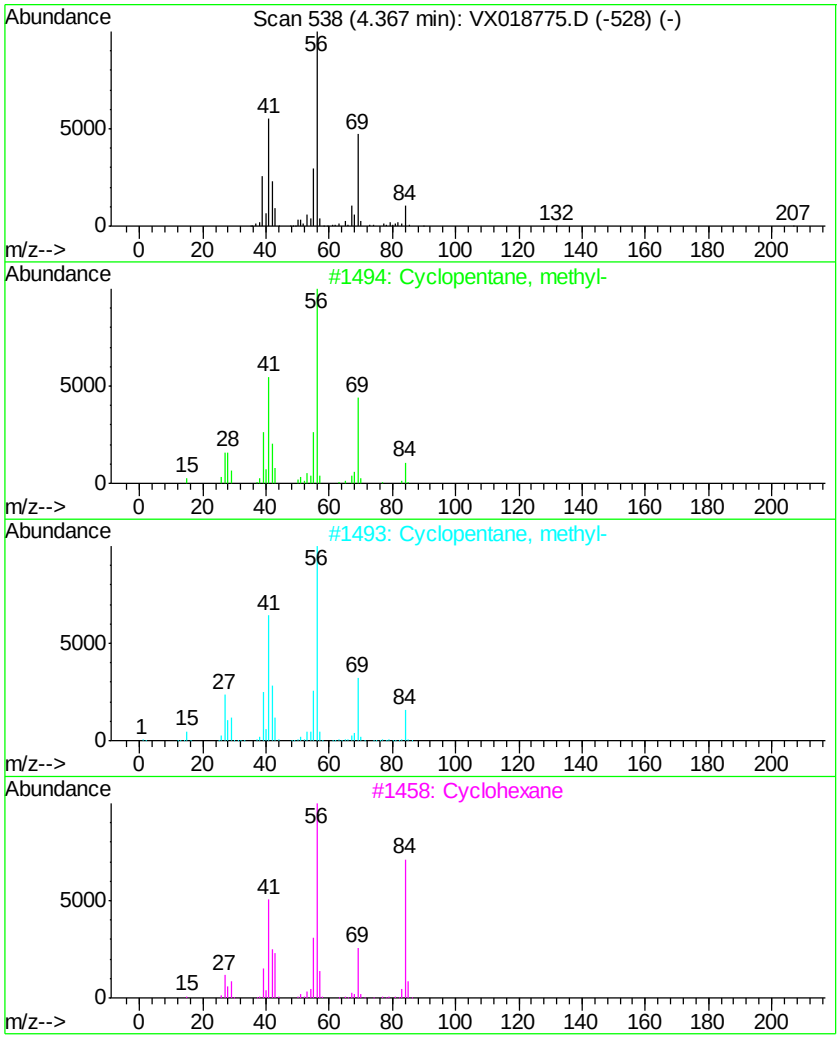
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

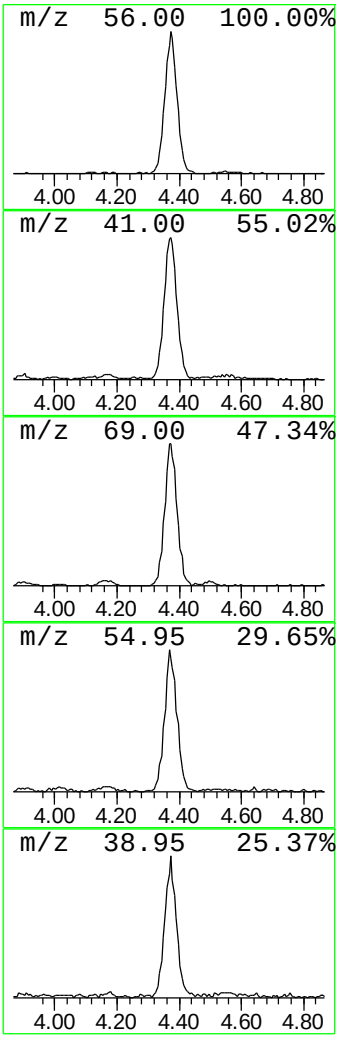
****

Peak Number 2 (DEL) Alkane: Cyclic4.37 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	8.96 ug/L	319603	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

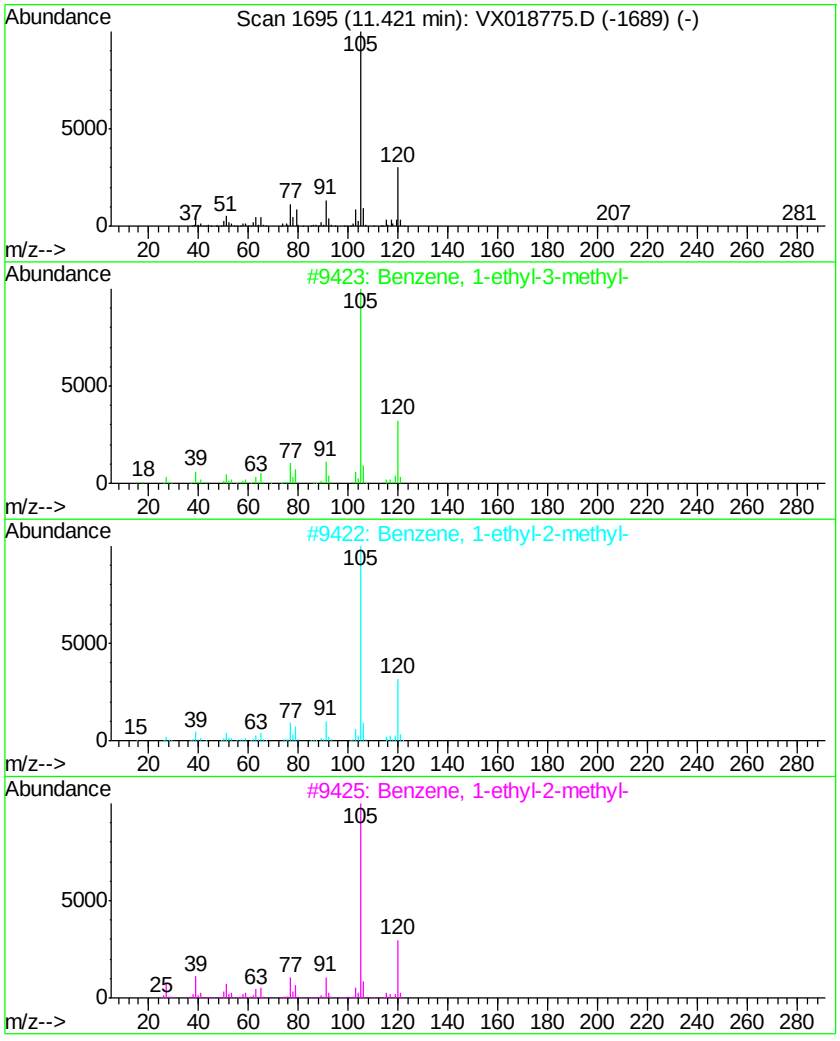
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

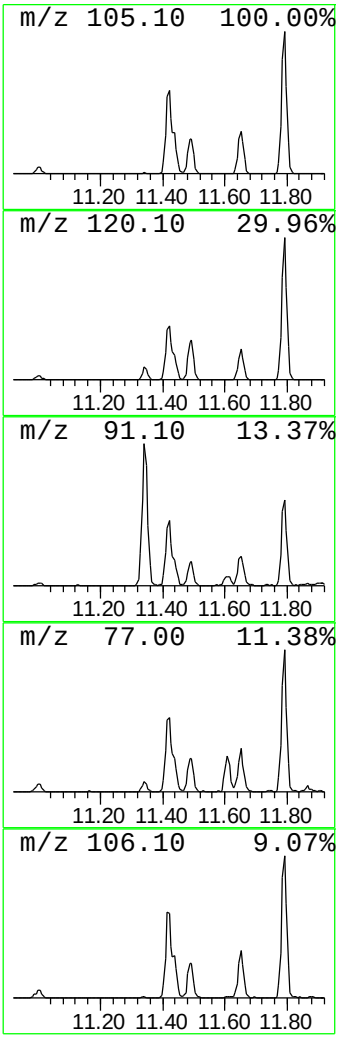
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	11.57 ug/L	493203	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	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

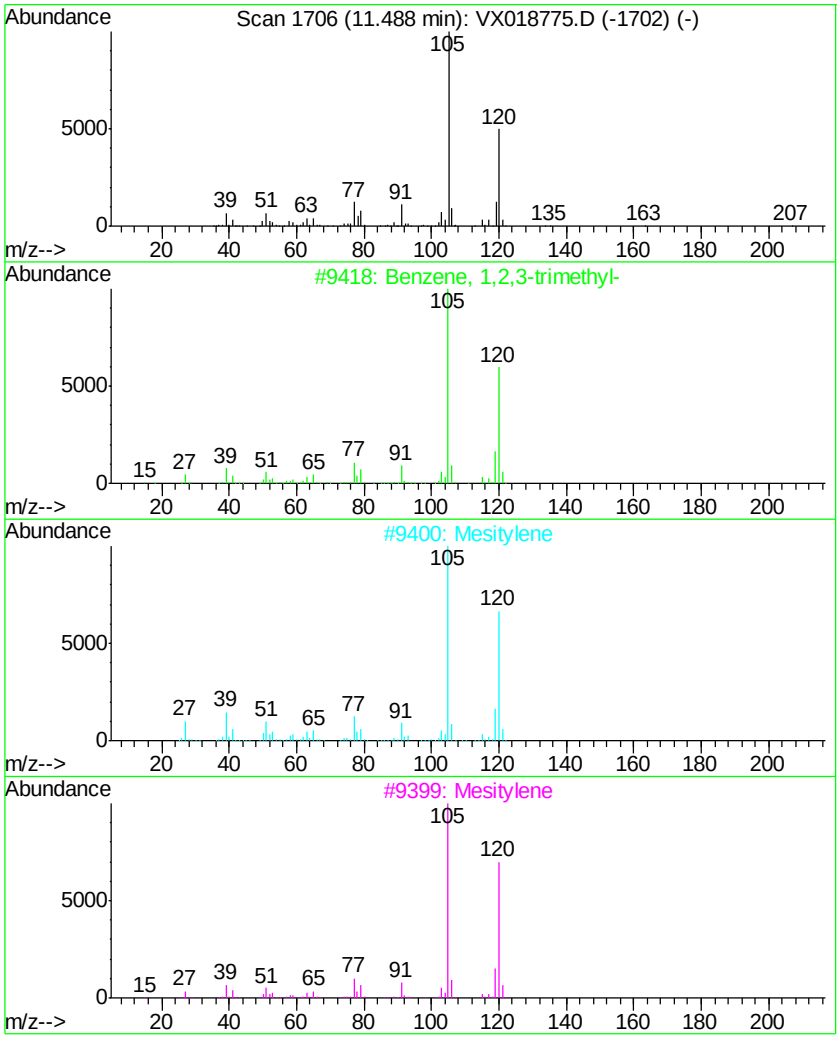
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

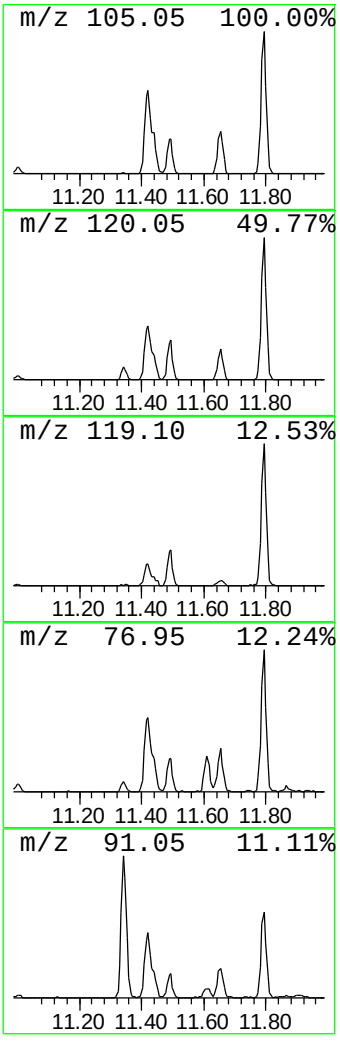
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	4.23 ug/L	180566	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	Mesitylene	120	C9H12	000108-67-8	94
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\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

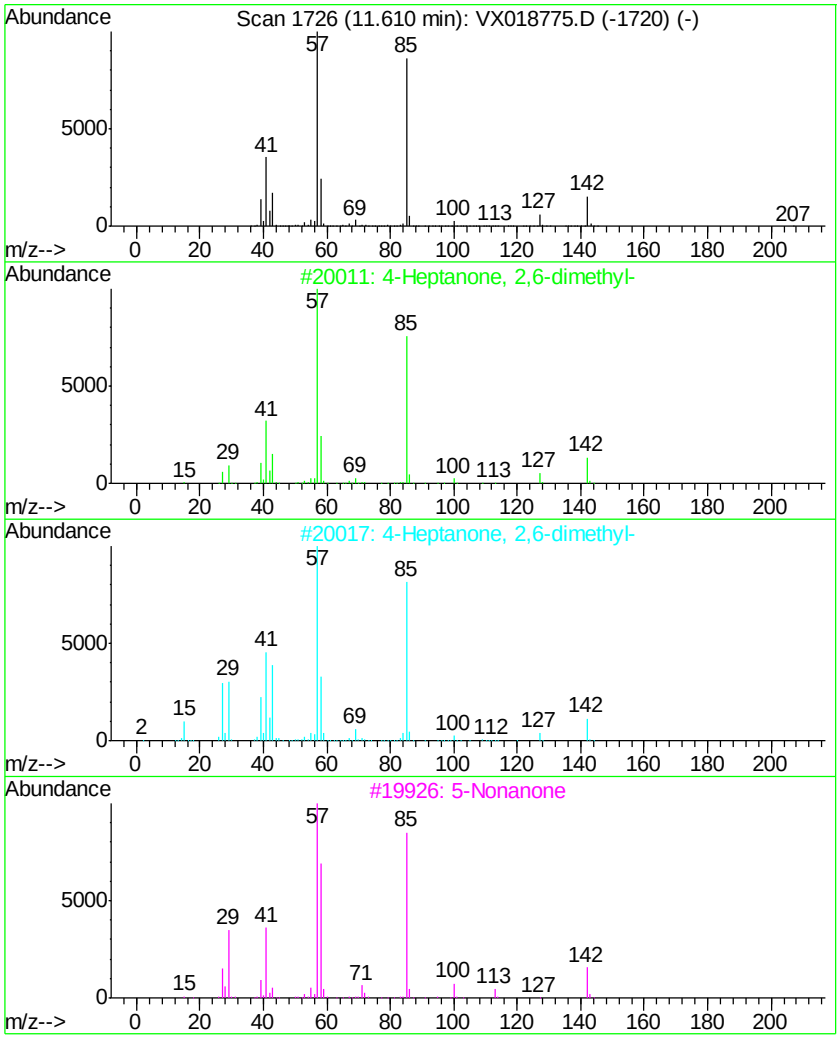
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

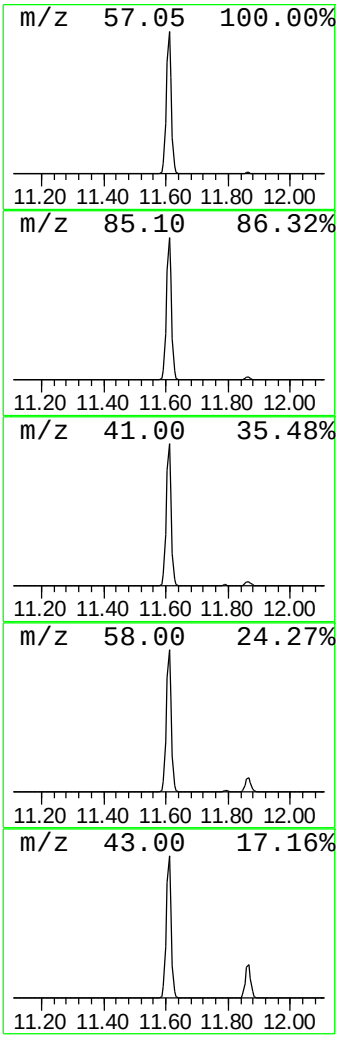
****

Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	231.68 ug/L	9879710	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	59
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	1-Propoxypropan-2-yl 2-methylbut...	202	C11H22O3	1000367-10-7	56
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

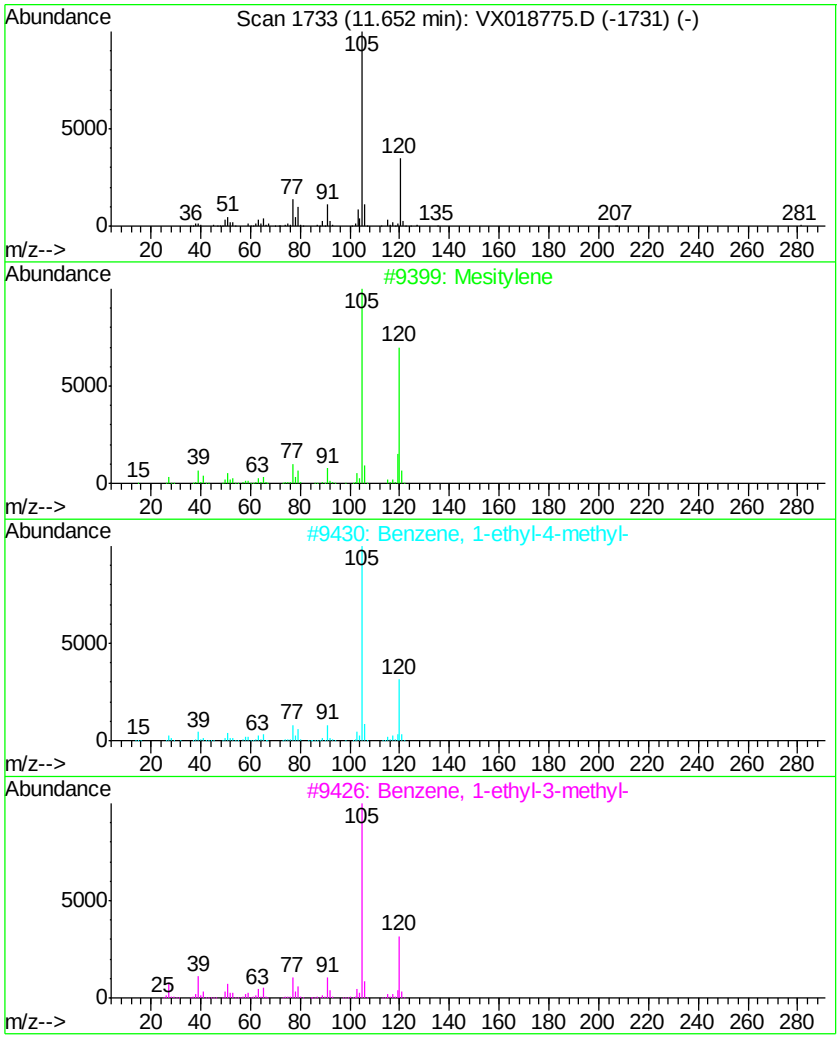
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

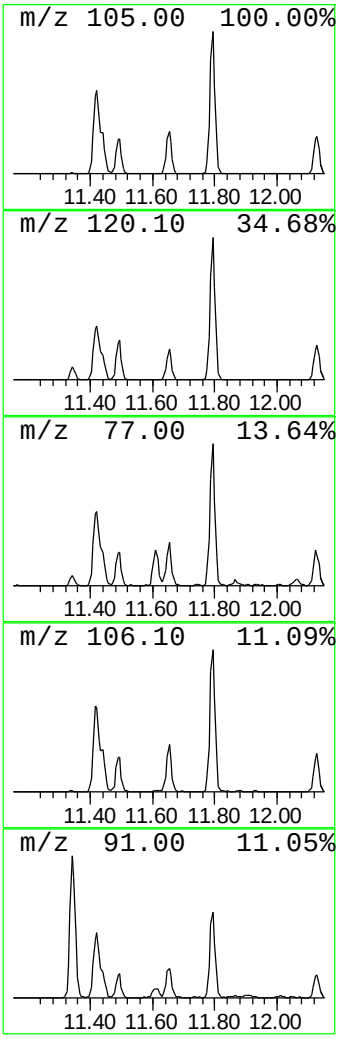
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.30 ug/L	183427	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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 X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

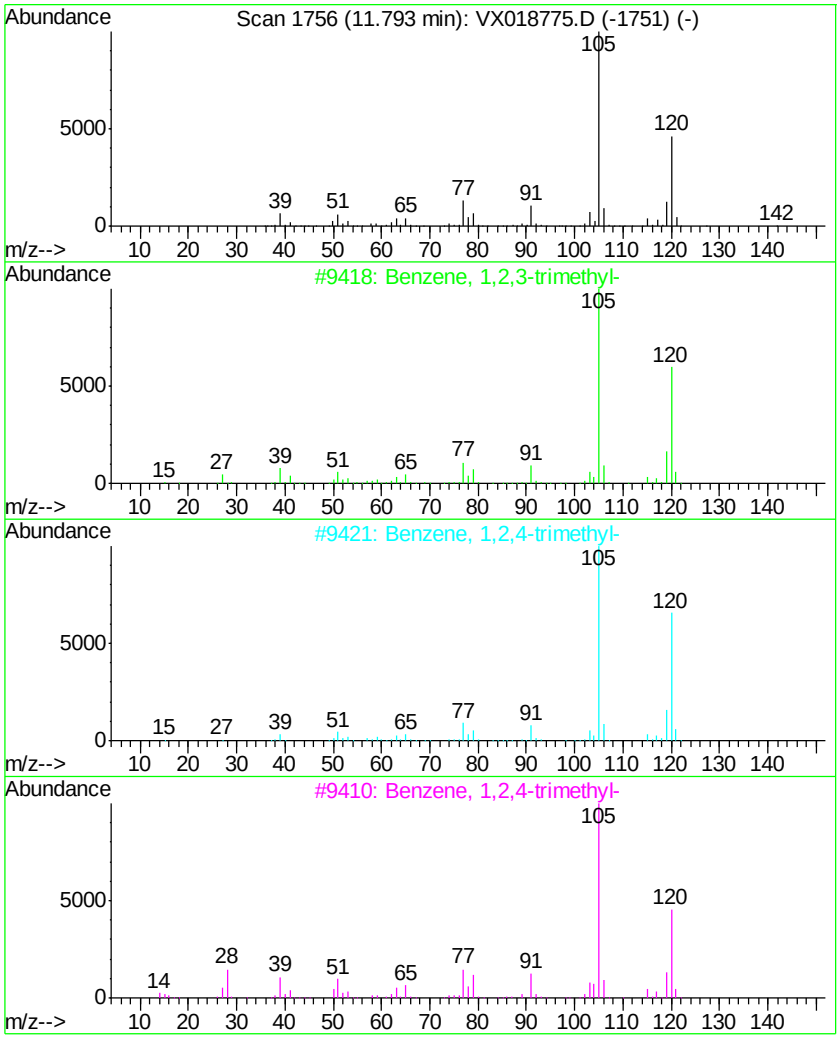
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

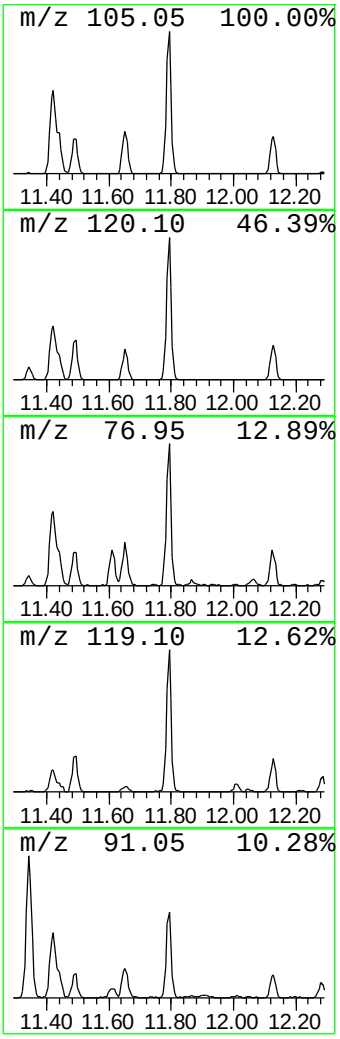
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	14.33 ug/L	611187	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

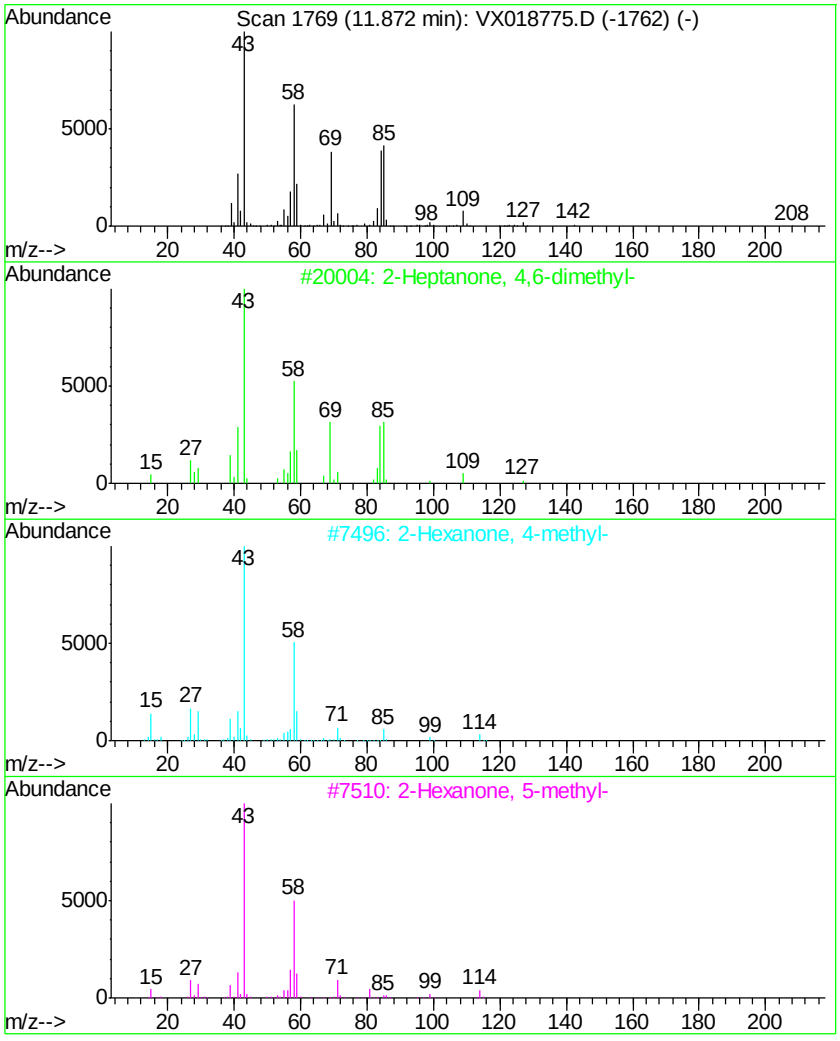
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

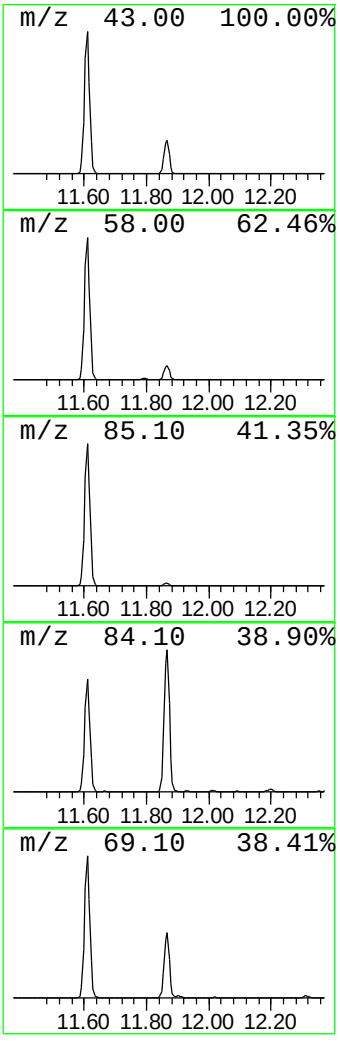
****

Peak Number 8 2-Heptanone, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.98 ug/L	510832	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	47
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

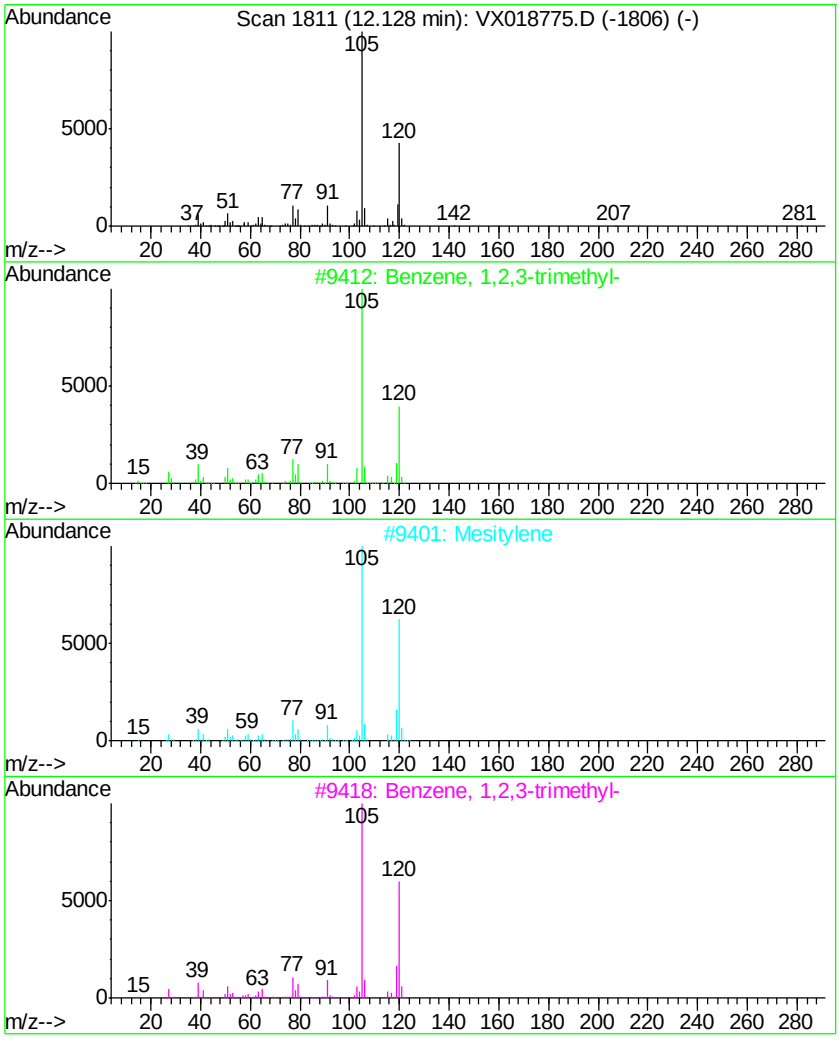
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

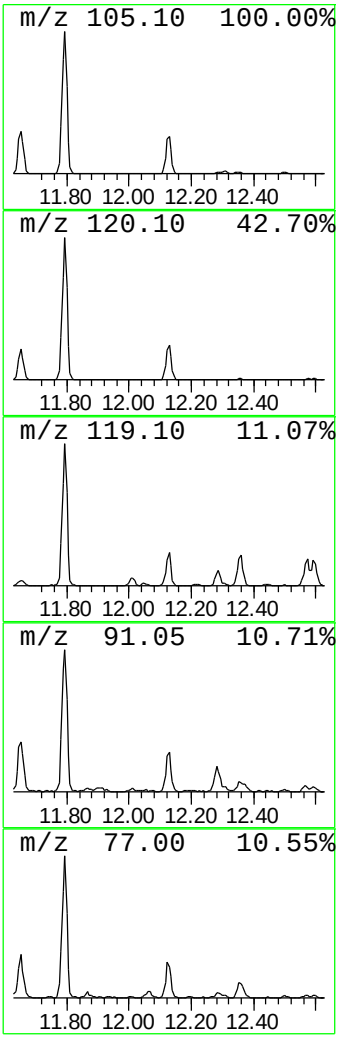
****

Peak Number 9 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.13 ug/L	176263	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	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018775.D
Acq On : 05 Oct 2020 19:11
Operator : JC/SP
Sample : L4239-06DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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
(DEL) Alkane: Str...	3.50	6.4	ug/L	228253	1	6.83	178370	5.0
(DEL) Alkane: Cyc...	4.37	9.0	ug/L	319603	1	6.83	178370	5.0
Benzene, 1-ethyl-...	11.42	11.6	ug/L	493203	3	12.06	213221	5.0
Benzene, 1,2,3-tr...	11.49	4.2	ug/L	180566	3	12.06	213221	5.0
4-Heptanone, 2,6-...	11.61	231.7	ug/L	9879710	3	12.06	213221	5.0
Benzene, 1-ethyl-...	11.65	4.3	ug/L	183427	3	12.06	213221	5.0
Benzene, 1,2,4-tr...	11.79	14.3	ug/L	611187	3	12.06	213221	5.0
2-Heptanone, 4,6-...	11.87	12.0	ug/L	510832	3	12.06	213221	5.0
Mesitylene	12.13	4.1	ug/L	176263	3	12.06	213221	5.0