LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

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\SOMXTR092820WMA.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	3.501	386	396	411	rBV	1785788	4000063	1.02%	0.370%
2	3.824	438	449	468	rBV	5707898	15668862	3.99%	1.448%
3	4.373	528	539	555	rBV	2470936	7330728	1.86%	0.677%
4	4.562	555	570	584	rBV	11861697	33355897	8.49%	3.081%
5	6.159	804	832	845	rBV2	69544373	242210260	61.62%	22.376%
6	8.817	1253	1268	1273	rVB5	122887201	393095555	100.00%	36.315%
7	10.122	1468	1482	1489	rBV	17101557	24673976	6.28%	2.279%
8	10.244	1495	1502	1507	rBV2	52360834	76331677	19.42%	7.052%
9	10.360	1512	1521	1526	rBV3	82748494	135489162	34.47%	12.517%
10	10.689	1569	1575	1584	rVB	33751120	45001981	11.45%	4.157%
11	11.006	1621	1627	1633	rBV	10106935	13002263	3.31%	1.201%
12	11.341	1676	1682	1689	rBV	4176263	5491871	1.40%	0.507%
13	11.421	1689	1695	1697	rBV	7873685	10388209	2.64%	0.960%
14	11.494	1703	1707	1712	rVB	5146421	6164103	1.57%	0.569%
15	11.652	1729	1733	1738	rVB	4842405	5705360	1.45%	0.527%
16	11.793	1751	1756	1763	rVB	20837269	25073300	6.38%	2.316%
17	11.878	1763	1770	1774	rVV	4819035	5855356	1.49%	0.541%
18	12.079	1795	1803	1807	rBV3	2266362	4132101	1.05%	0.382%
19	12.128	1807	1811	1816	rVB	6623355	7963683	2.03%	0.736%
20	12.286	1831	1837	1844	rBV2	3463895	5065534	1.29%	0.468%
21	12.372	1844	1851	1858	rVB4	3601484	6662873	1.69%	0.616%
22	12.585	1878	1886	1894	rBV5	1547746	3980082	1.01%	0.368%
23	12.872	1925	1933	1939	rBV	4448372	5813638	1.48%	0.537%

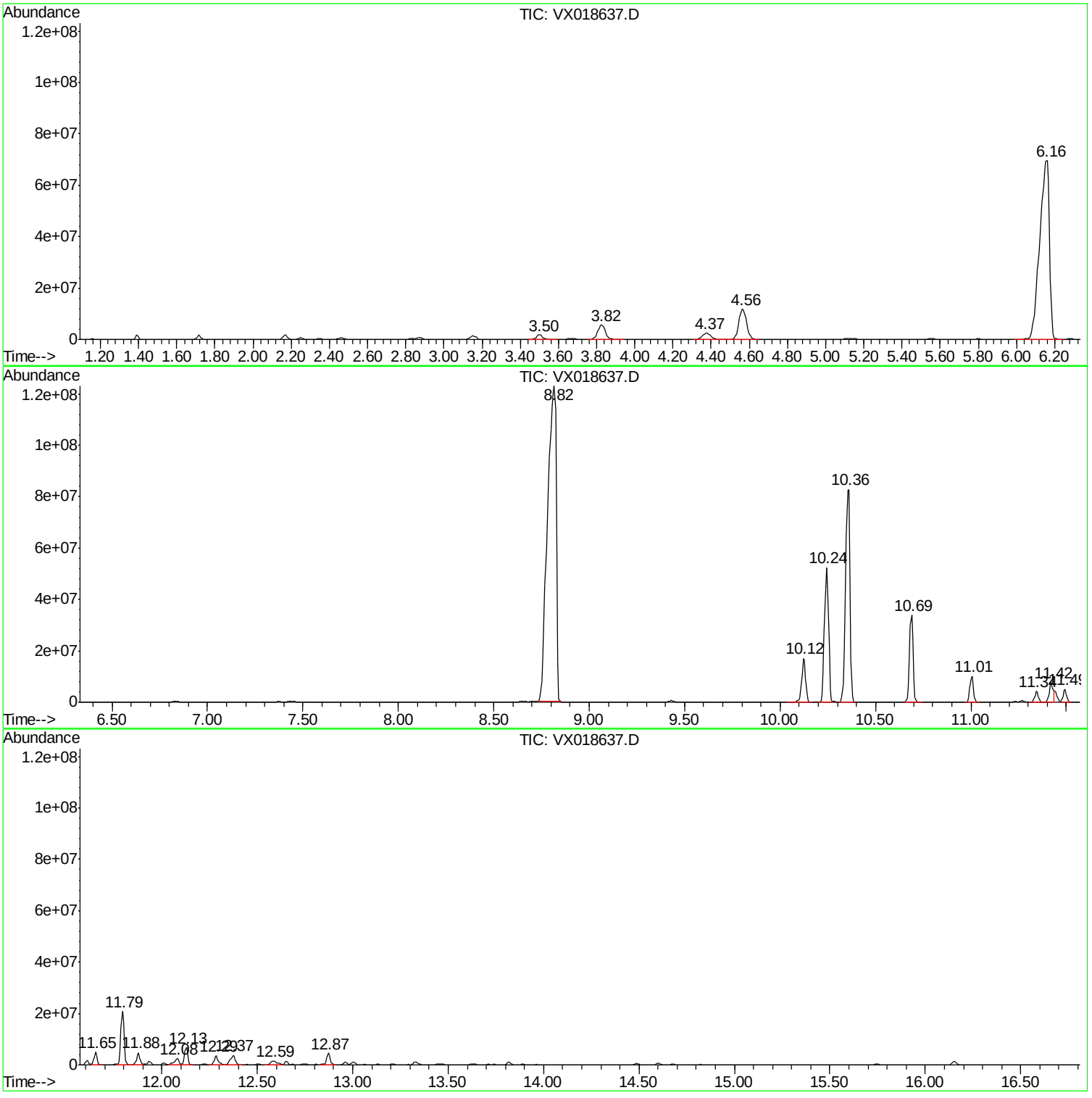
Sum of corrected areas: 1082456534

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.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\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

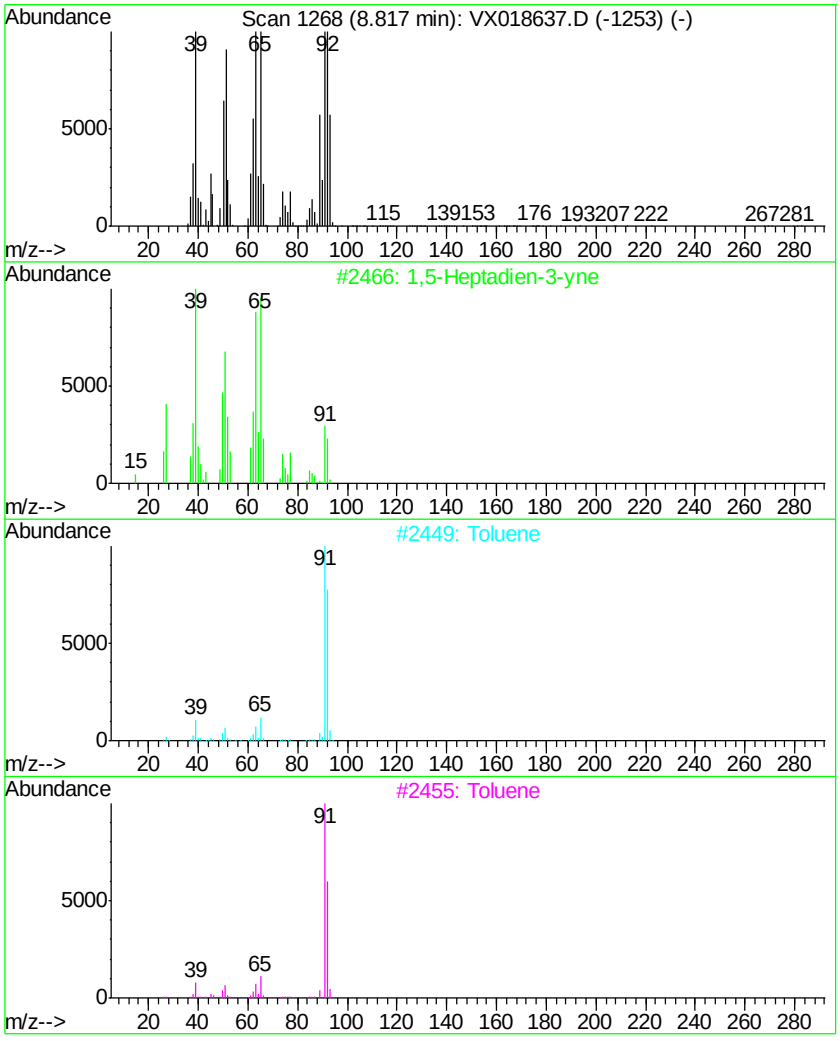
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

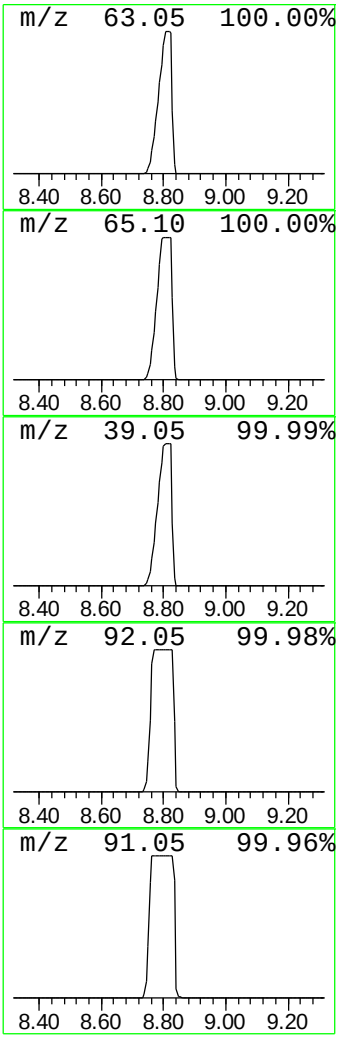
****

Peak Number 2 1,5-Heptadien-3-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	79.66 ug/L	393096000	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	55
2	Toluene	92	C7H8	000108-88-3	53
3	Toluene	92	C7H8	000108-88-3	47
4	Toluene	92	C7H8	000108-88-3	43
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

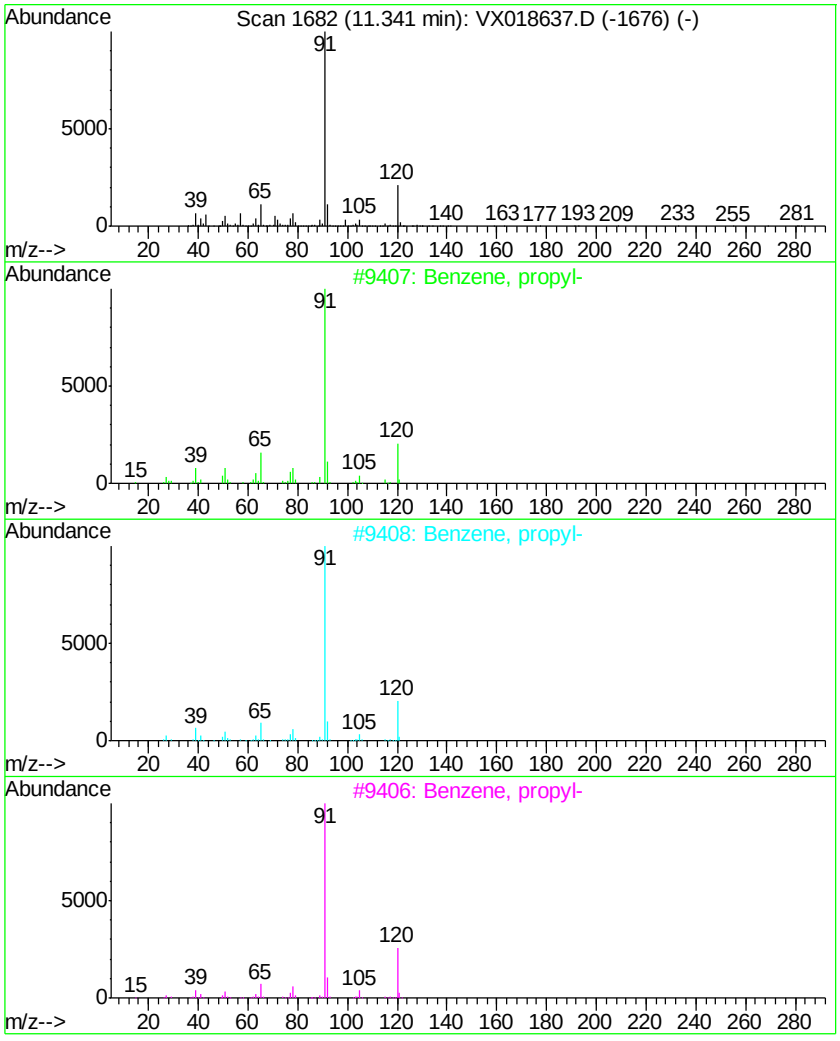
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

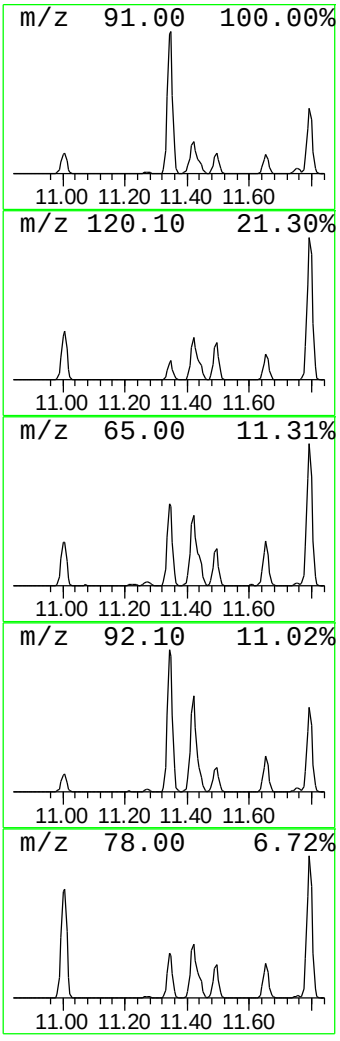
****

Peak Number 3 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.65 ug/L	5491870	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

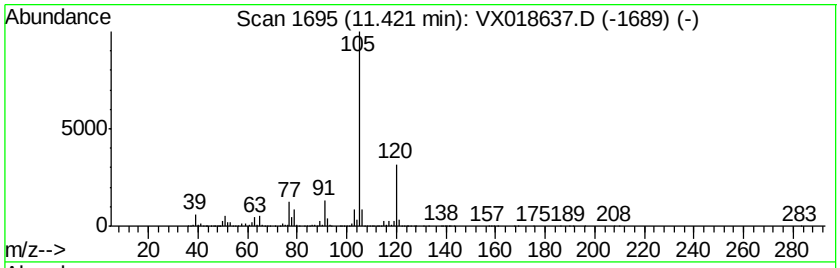
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

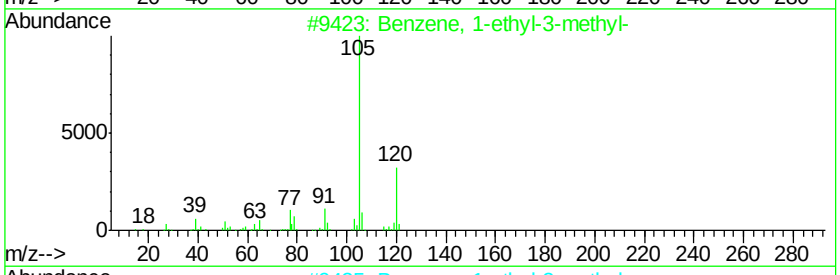
****

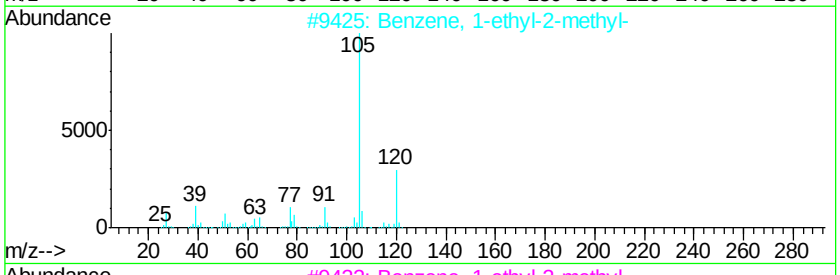
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

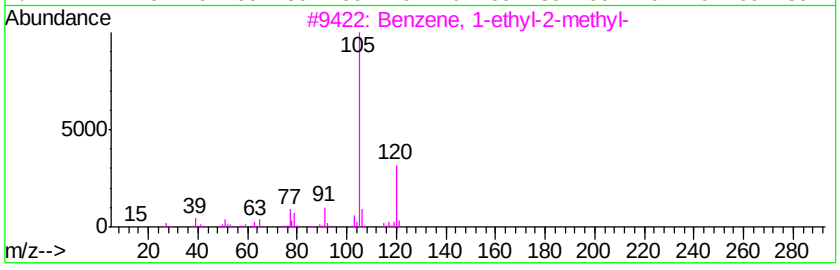
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	12.57 ug/L	10388200	1,4-Dichlorobenzene-d4	12.06

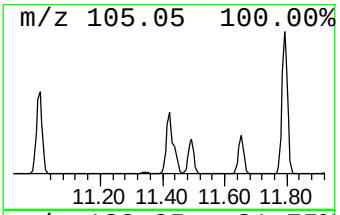
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91

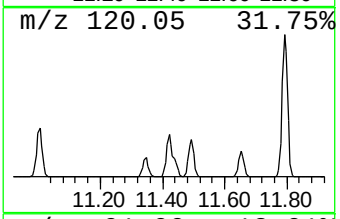


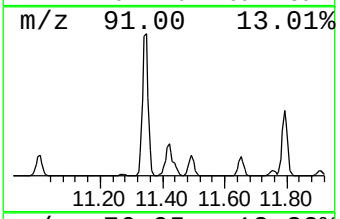


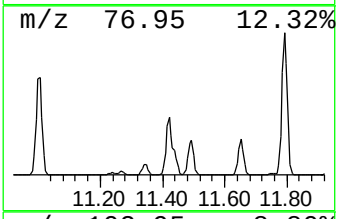


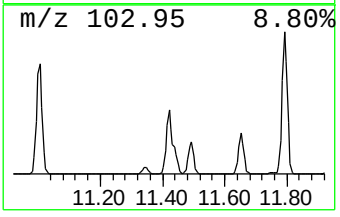












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

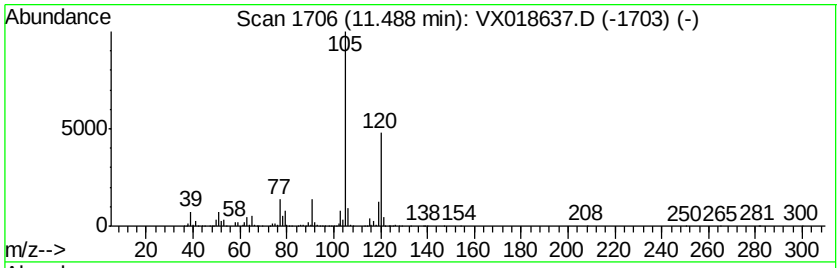
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

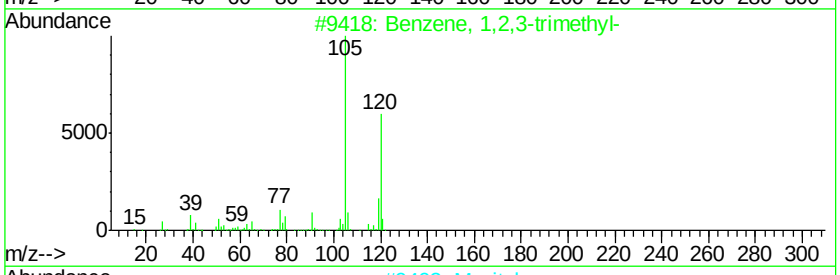
****

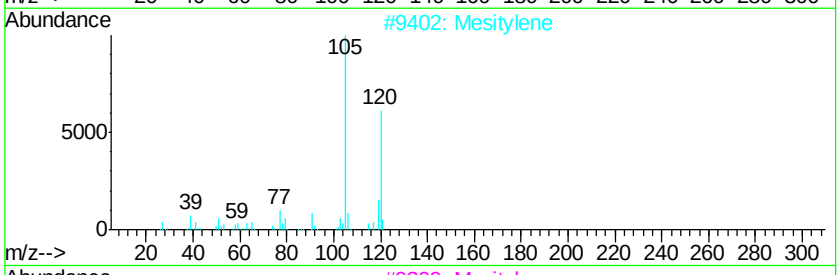
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

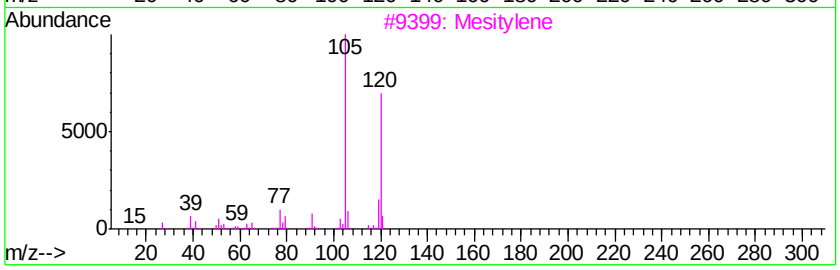
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	7.46 ug/L	6164100	1,4-Dichlorobenzene-d4	12.06

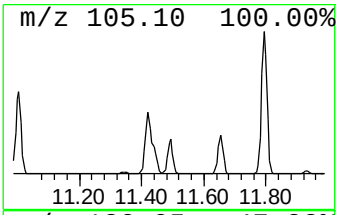
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91

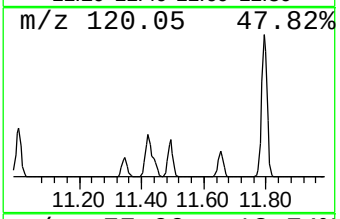


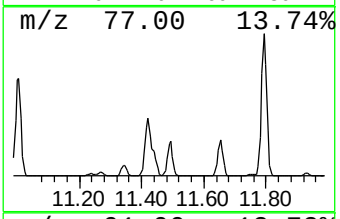


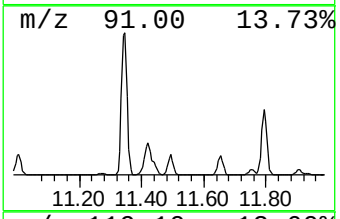


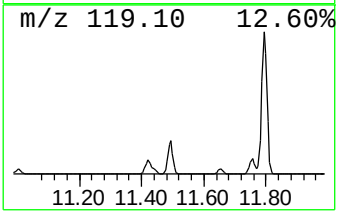












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

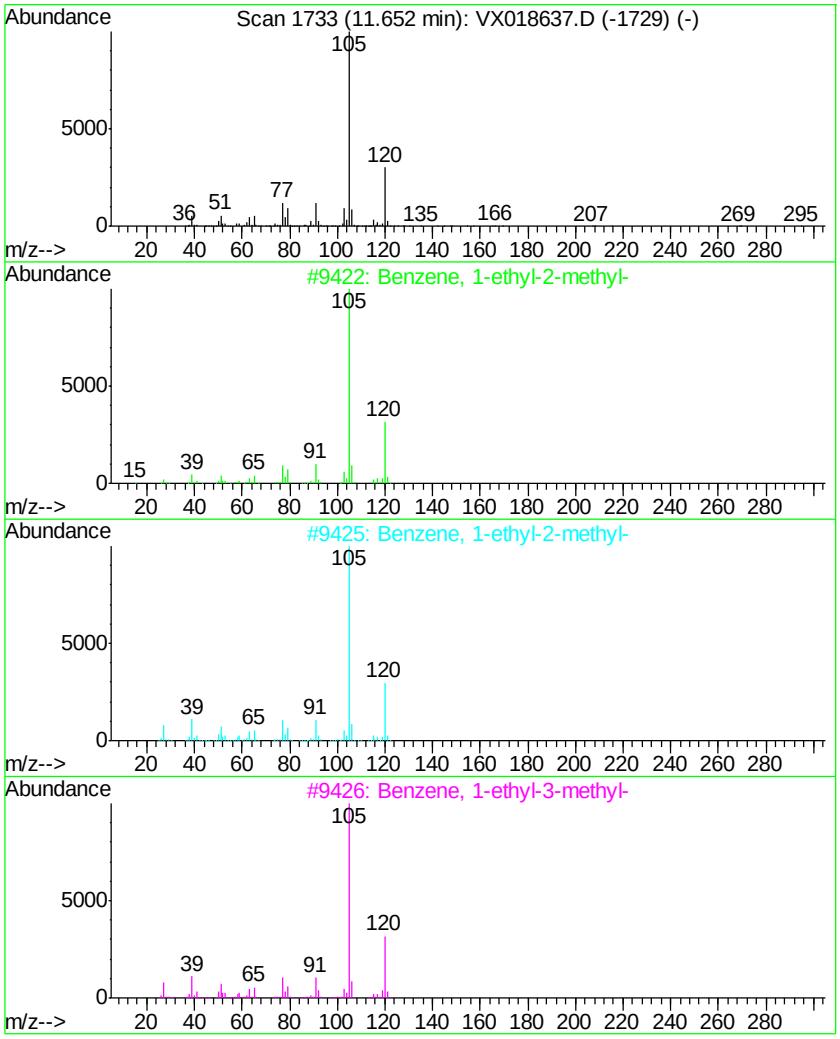
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

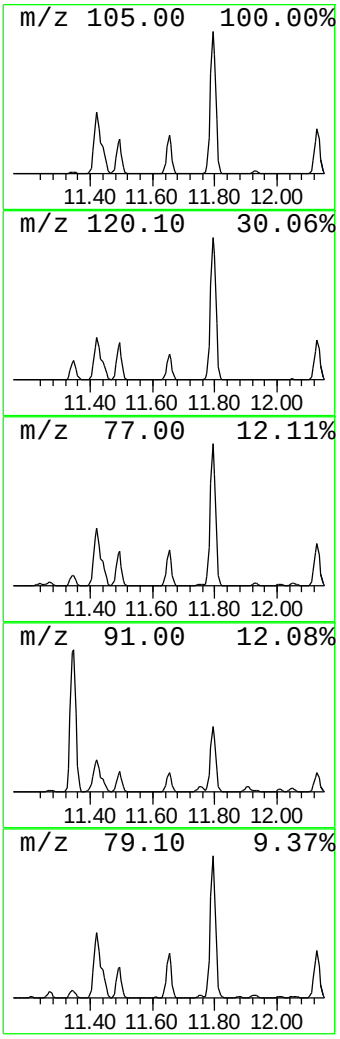
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.90 ug/L	5705360	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-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

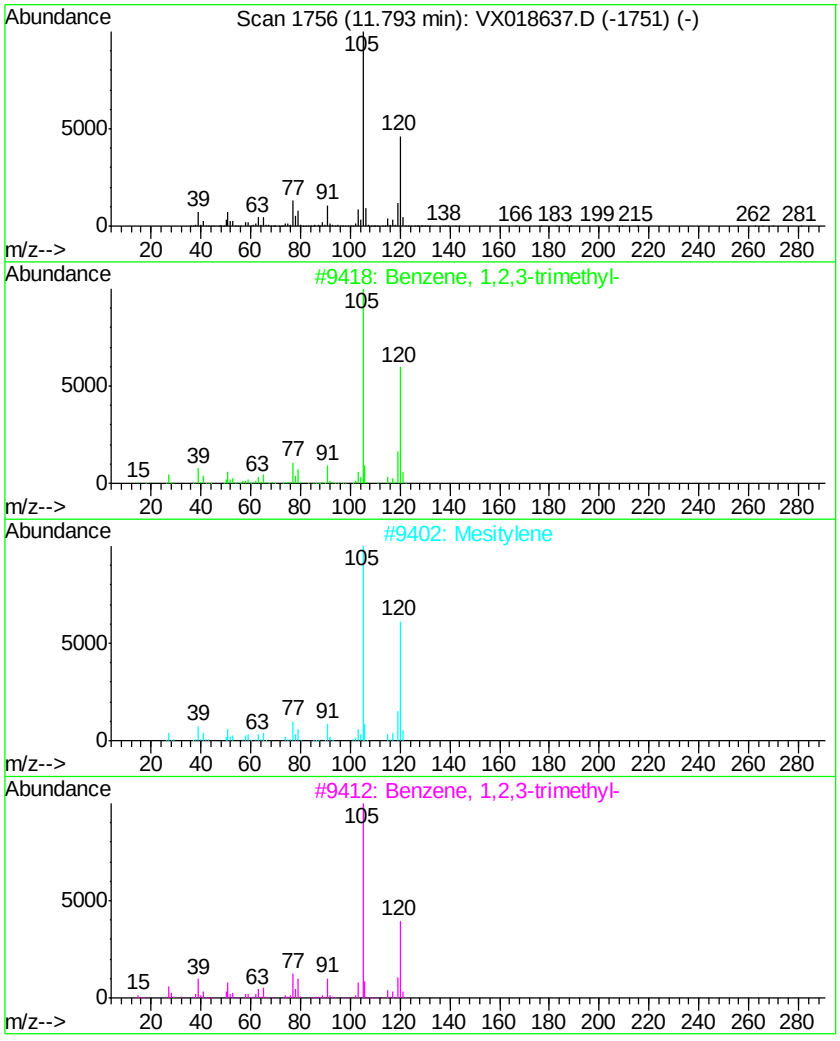
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

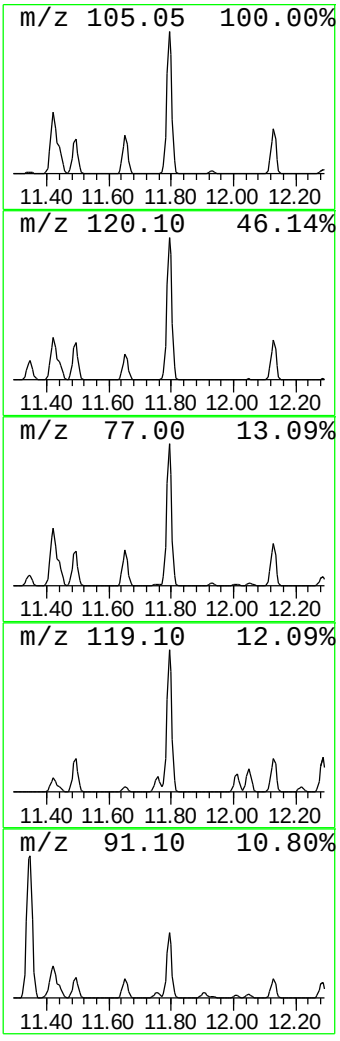
****

Peak Number 7 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	30.34 ug/L	25073300	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	97
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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

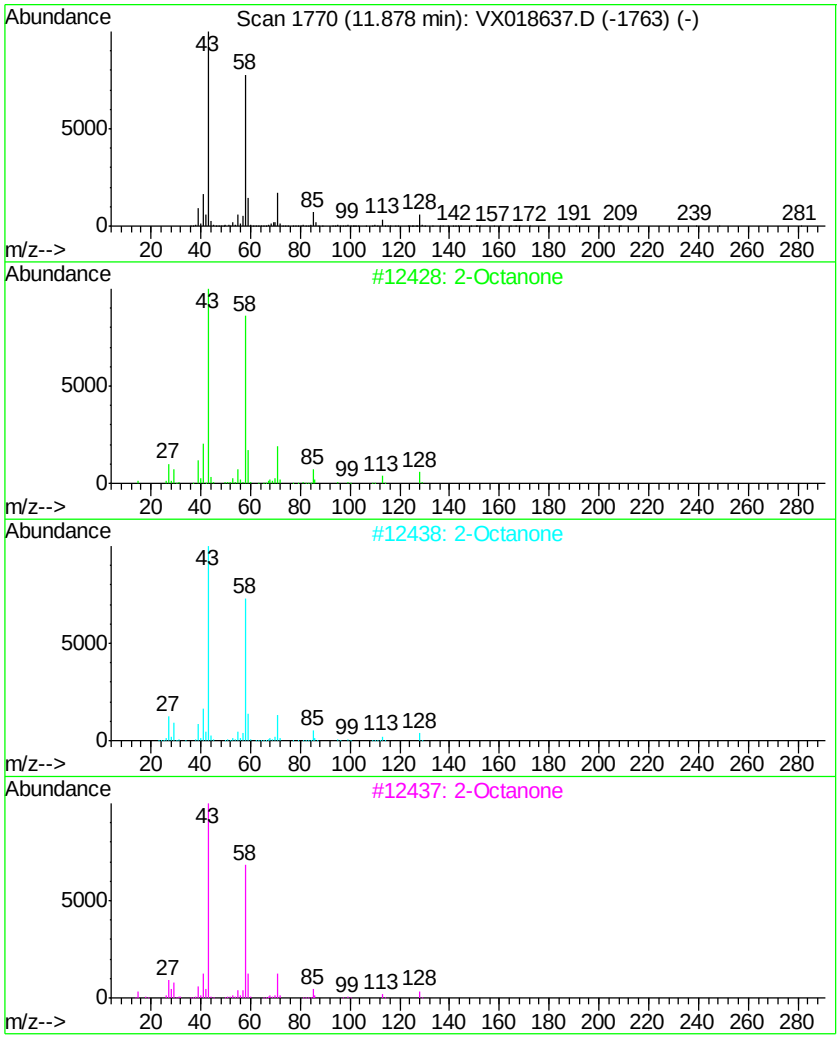
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

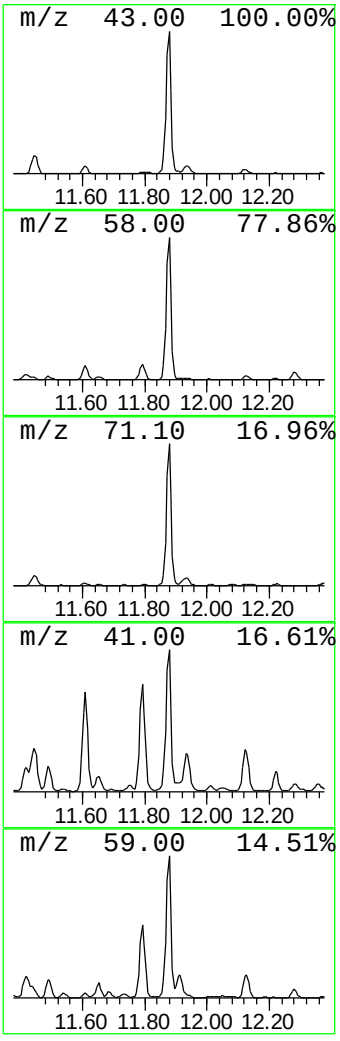
****

Peak Number 8 2-Octanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.09 ug/L	5855360	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	94
2	2-Octanone	128	C8H16O	000111-13-7	94
3	2-Octanone	128	C8H16O	000111-13-7	94
4	2-Octanone	128	C8H16O	000111-13-7	91
5	2-Octanone	128	C8H16O	000111-13-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

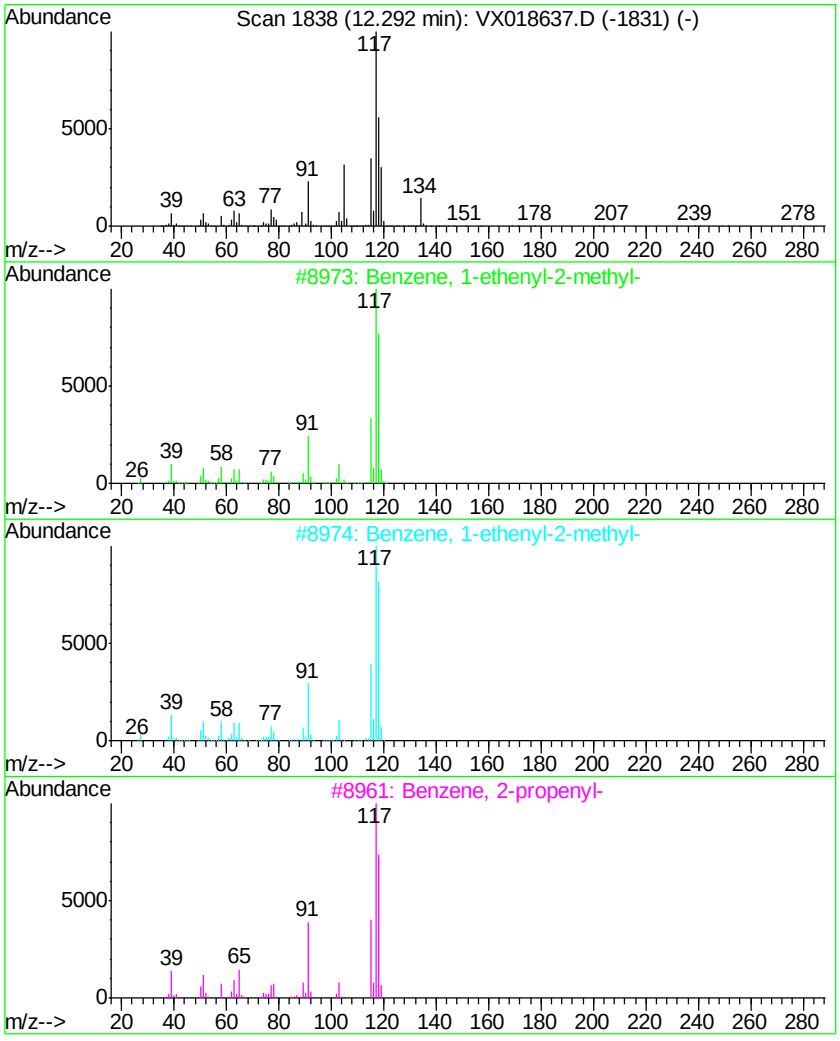
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

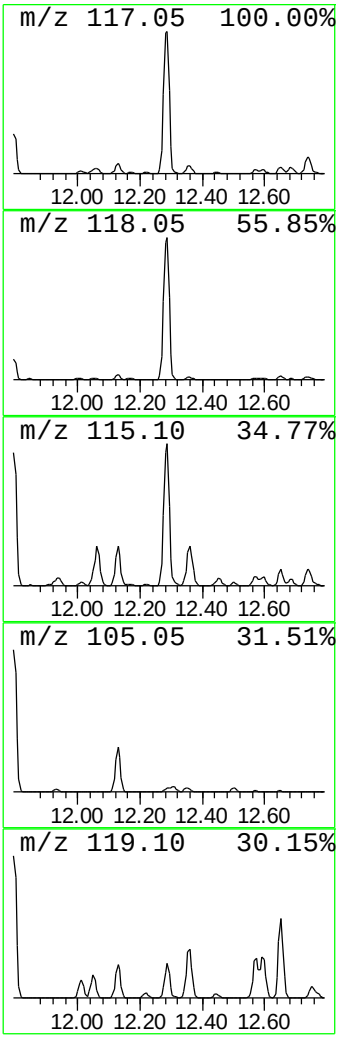
****

Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.13 ug/L	5065530	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	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Indane	118	C9H10	000496-11-7	70
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

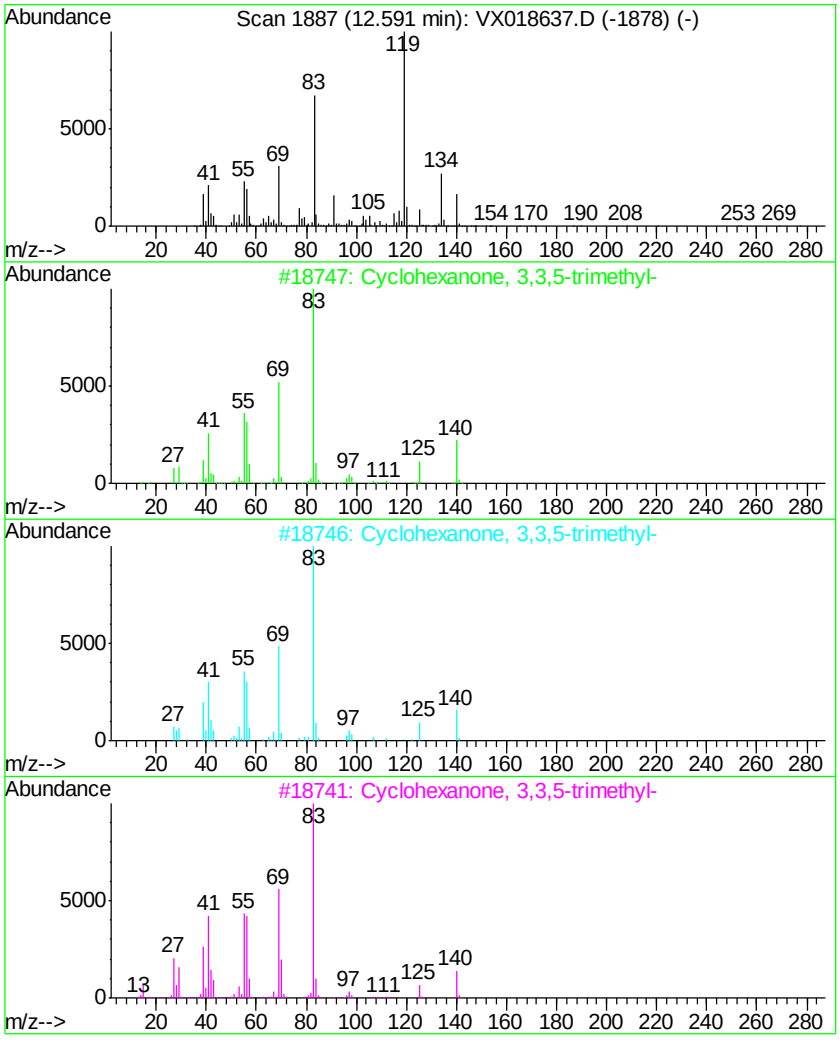
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

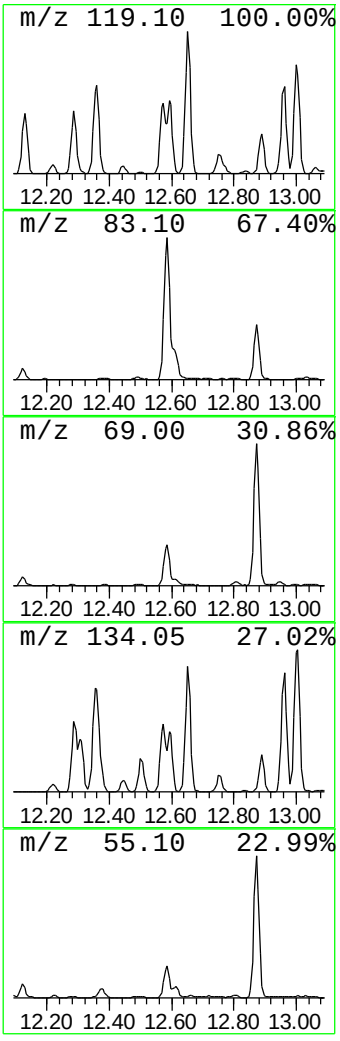
****

Peak Number 10 Cyclohexanone, 3,3,5-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.82 ug/L	3980080	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	94
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	o-Cymene	134	C10H14	000527-84-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

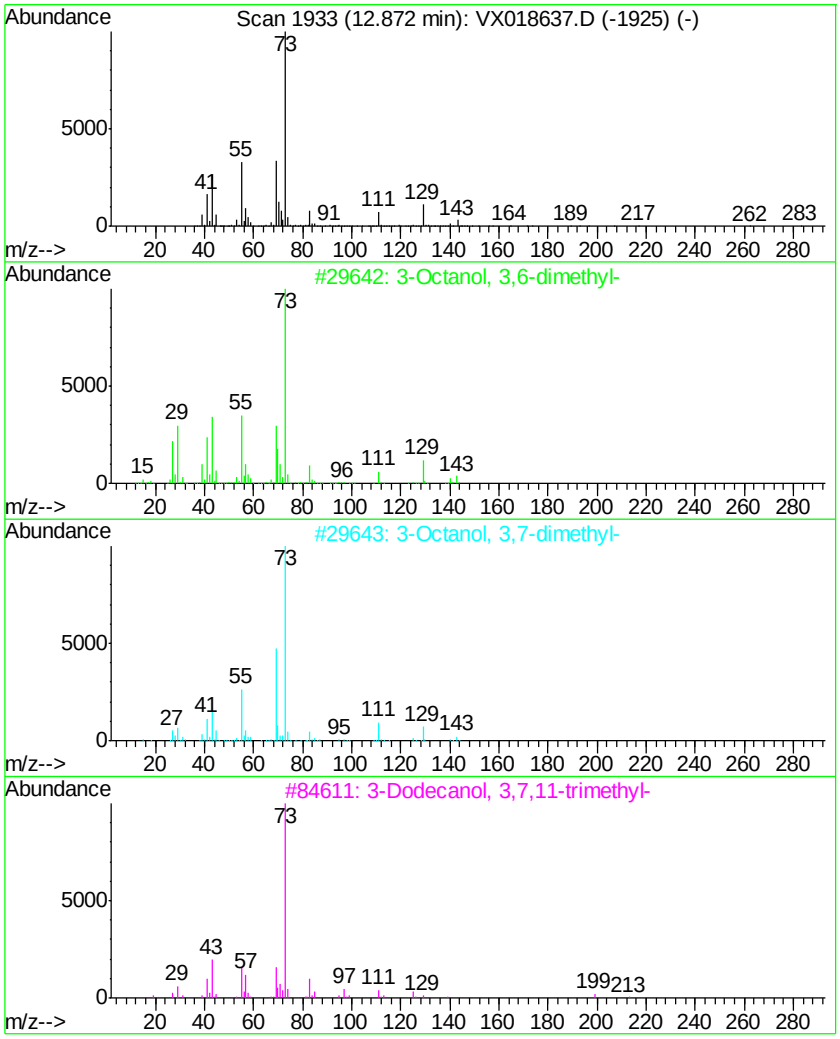
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

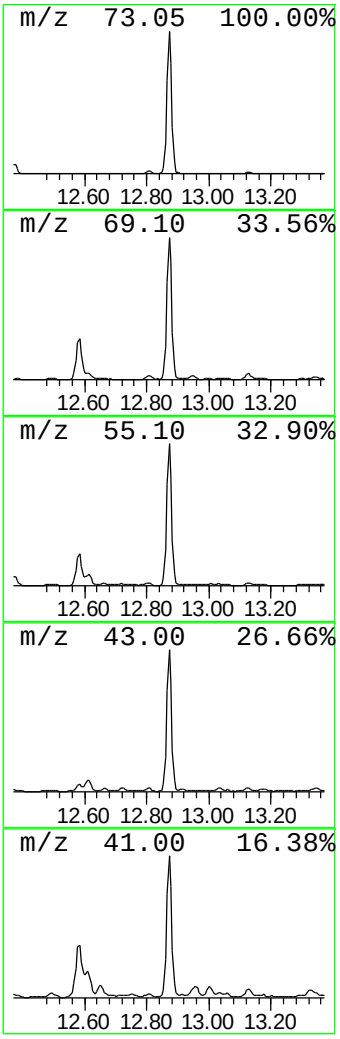
****

Peak Number 11 3-Octanol, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.03 ug/L	5813640	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	72
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	53
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	40
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
5	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG495

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.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
1,5-Heptadien-3-yne	8.82	79.7	ug/L	393096000	2	10.10	24674000	5.0
Benzene, propyl-	11.34	6.7	ug/L	5491870	3	12.06	4132100	5.0
Benzene, 1-ethyl-...	11.42	12.6	ug/L	10388200	3	12.06	4132100	5.0
Benzene, 1,2,3-tr...	11.49	7.5	ug/L	6164100	3	12.06	4132100	5.0
Benzene, 1-ethyl-...	11.65	6.9	ug/L	5705360	3	12.06	4132100	5.0
Mesitylene	11.79	30.3	ug/L	25073300	3	12.06	4132100	5.0
2-Octanone	11.88	7.1	ug/L	5855360	3	12.06	4132100	5.0
Benzene, 1-etheny...	12.29	6.1	ug/L	5065530	3	12.06	4132100	5.0
Cyclohexanone, 3,...	12.59	4.8	ug/L	3980080	3	12.06	4132100	5.0
3-Octanol, 3,6-di...	12.87	7.0	ug/L	5813640	3	12.06	4132100	5.0