LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82X082120W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.660	74	94	101	rBV9	63241	312544	1.02%	0.576%
2	2.154	161	175	178	rBV	13051497	30578635	100.00%	56.362%
3	2.422	214	219	230	rVB	292076	508953	1.66%	0.938%
4	5.464	707	718	729	rBV2	273751	788341	2.58%	1.453%
5	5.623	734	744	758	rVV	460024	1302182	4.26%	2.400%
6	6.031	799	811	817	rBV	298186	777172	2.54%	1.432%
7	6.111	817	824	833	rVV	401772	1055129	3.45%	1.945%
8	6.830	929	942	955	rBV	674597	1645490	5.38%	3.033%
9	7.281	1006	1016	1036	rBV	1089324	2348719	7.68%	4.329%
10	8.695	1241	1248	1254	rBV	1458571	2248639	7.35%	4.145%
11	8.762	1254	1259	1272	rVB	1322561	2076442	6.79%	3.827%
12	10.098	1472	1478	1486	rBV	1523544	2059171	6.73%	3.795%
13	10.341	1512	1518	1524	rBV	618095	797083	2.61%	1.469%
14	10.683	1569	1574	1580	rVB	417213	547673	1.79%	1.009%
15	11.122	1641	1646	1652	rBV	1466897	1747764	5.72%	3.221%
16	11.421	1689	1695	1702	rBV	323807	561439	1.84%	1.035%
17	11.792	1751	1756	1763	rVB	696768	810928	2.65%	1.495%
18	12.061	1795	1800	1806	rBV	1884466	2314987	7.57%	4.267%
19	12.128	1806	1811	1817	rVV	289937	360526	1.18%	0.665%
20	12.280	1832	1836	1844	rBV2	292846	469265	1.53%	0.865%
21	13.329	1998	2008	2013	rBV2	358692	544928	1.78%	1.004%
22	13.463	2025	2030	2039	rVB	314344	398191	1.30%	0.734%

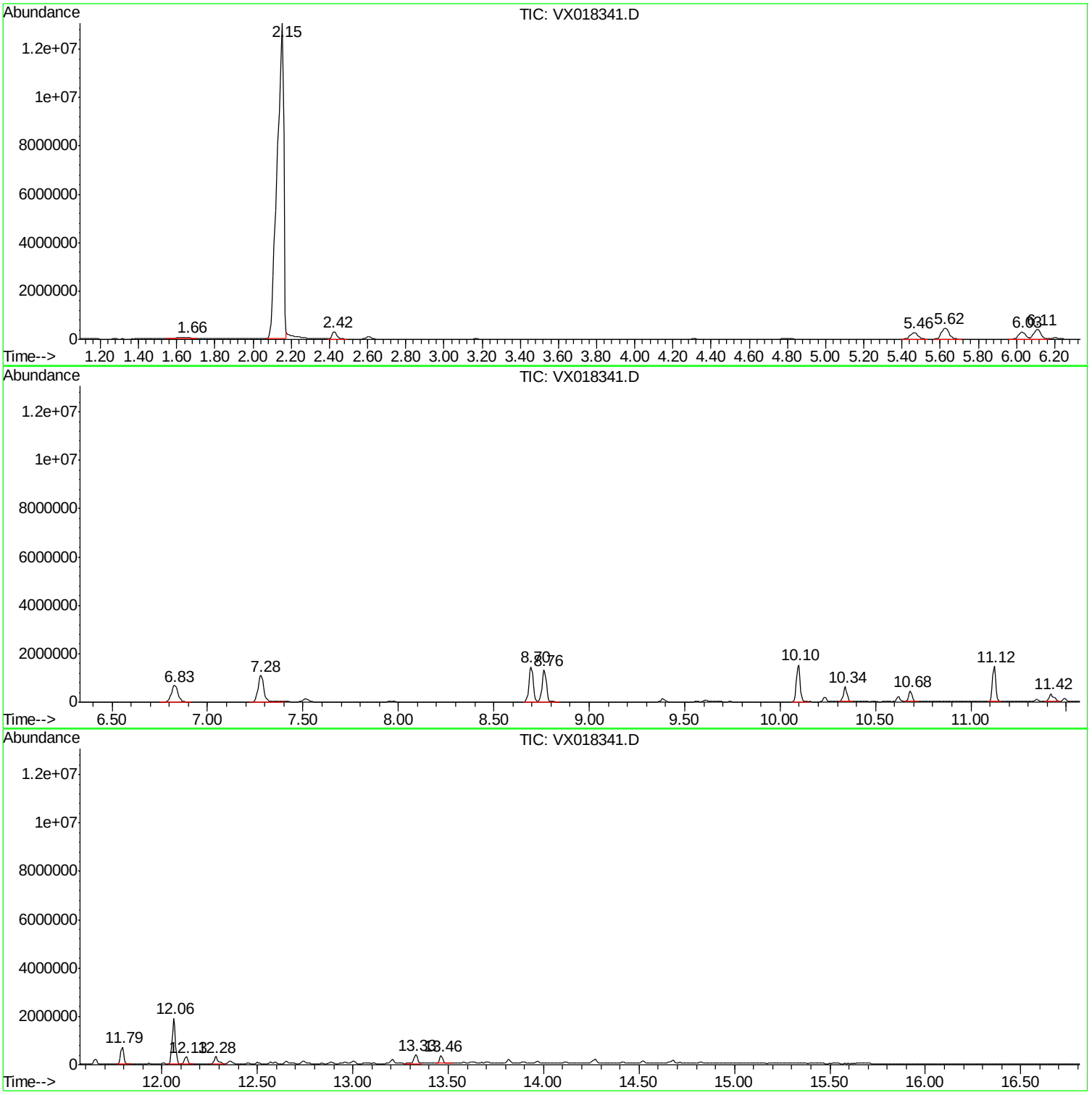
Sum of corrected areas: 54254201

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

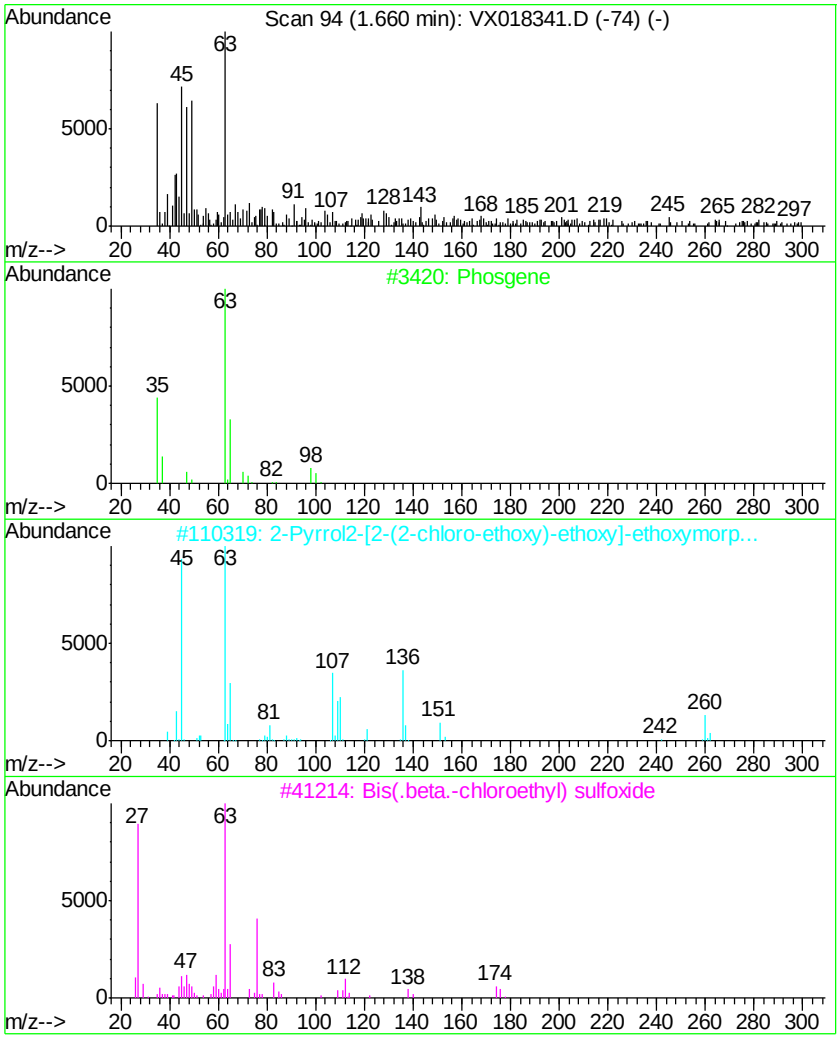
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

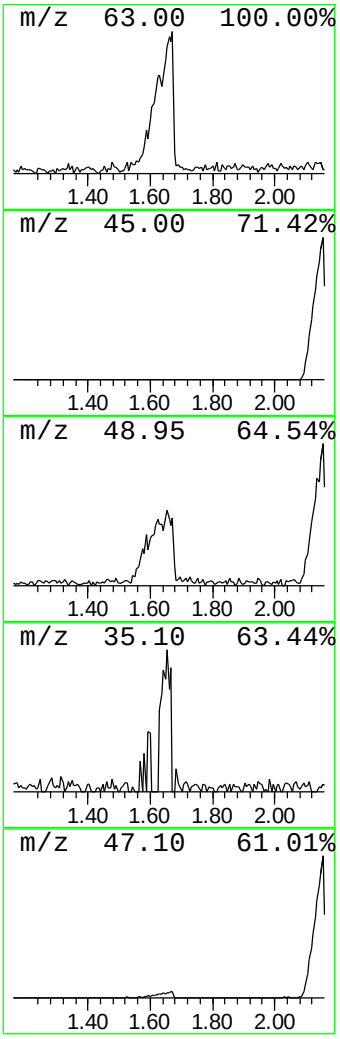
****

Peak Number 1 unknown1.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	12.00 ug/l	312544	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosgene	98	CCl2O	000075-44-5	40
2	2-Pyrrol2-[2-(2-chloro-ethoxy)-e...	260	C12H17ClO4	1000317-43-5	28
3	Bis(.beta.-chloroethyl) sulfoxide	174	C4H8Cl2OS	005819-08-9	25
4	Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	17
5	1,4-Bis[2-[2-(2-chloroethoxy)eth...	410	C18H28Cl2O6	199984-37-7	17





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

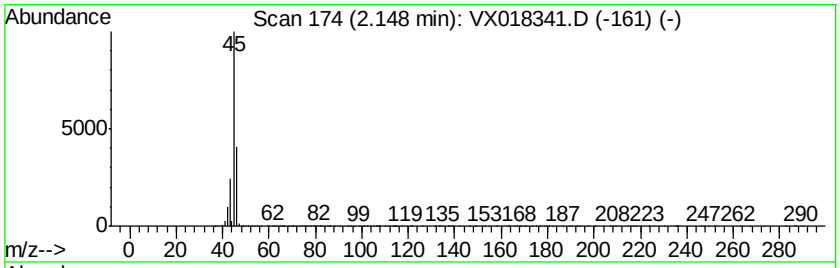
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

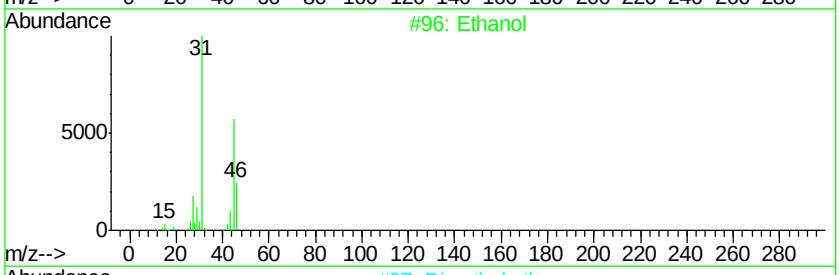
****

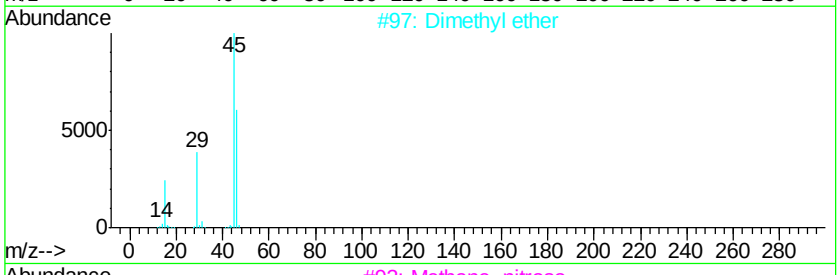
Peak Number 2 Ethanol Concentration Rank 1

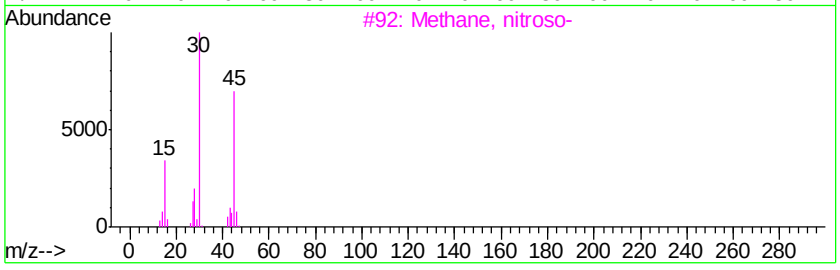
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1174.13 ug/l	30578600	Pentafluorobenzene	5.63

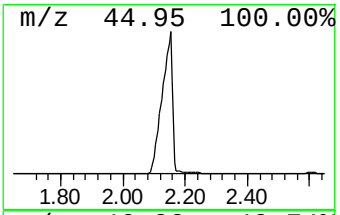
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4

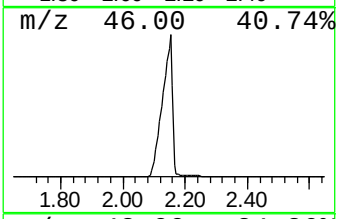


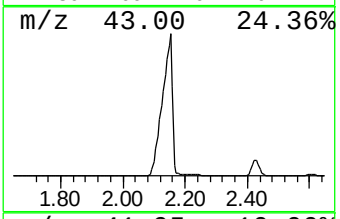


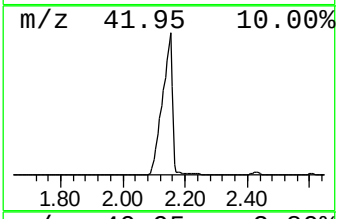


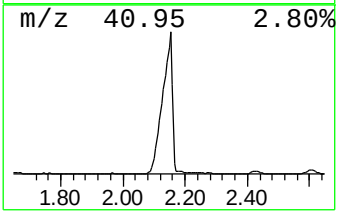












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

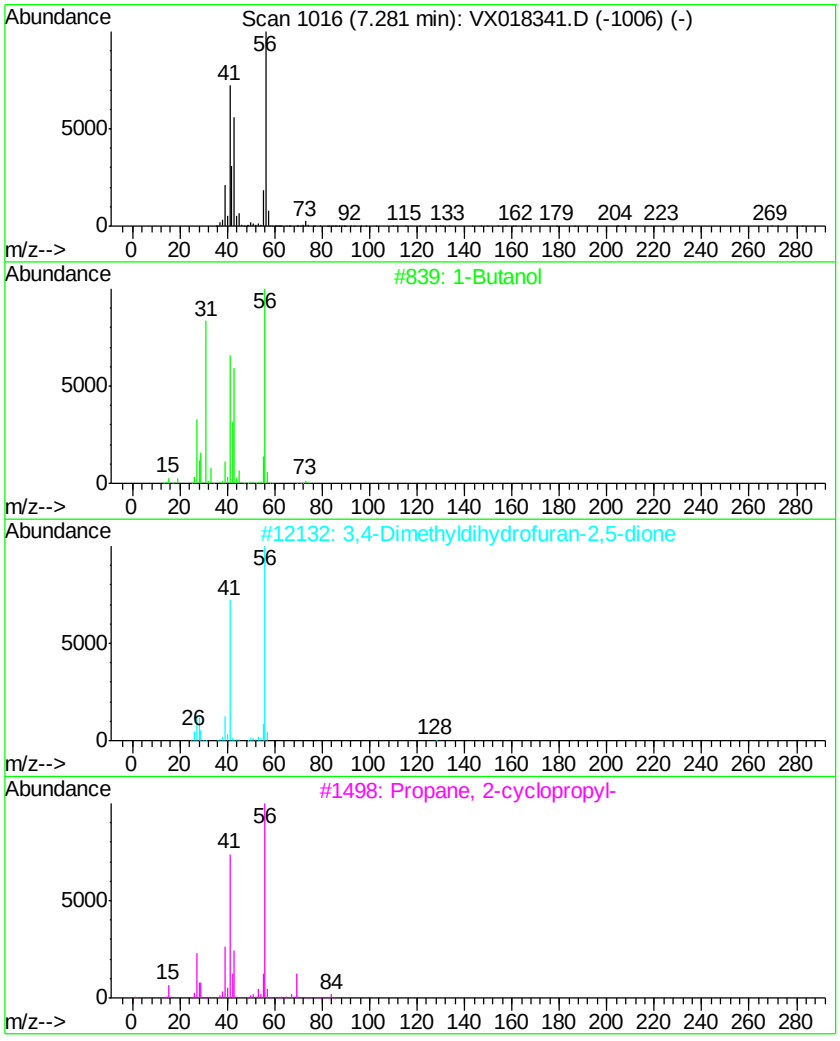
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

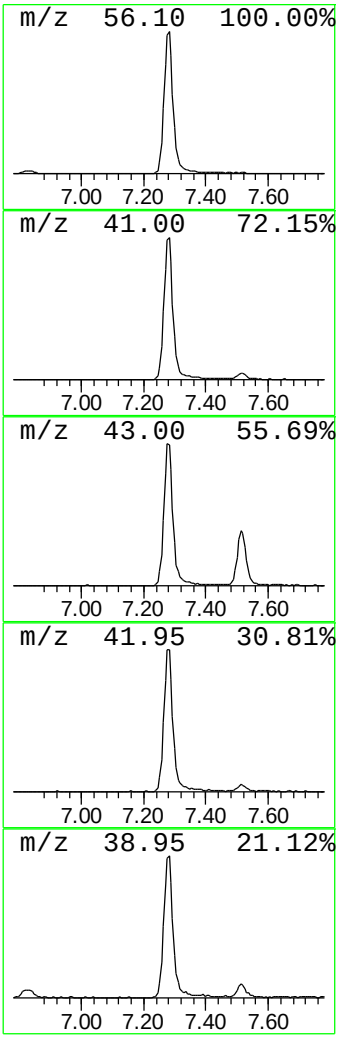
****

Peak Number 3 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	71.37 ug/l	2348720	1,4-Difluorobenzene	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	50
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	36
4	Butane, 1-isocyano-	83	C5H9N	002769-64-4	9
5	3-Butenoic acid, 2-amino-	101	C4H7NO2	056512-51-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

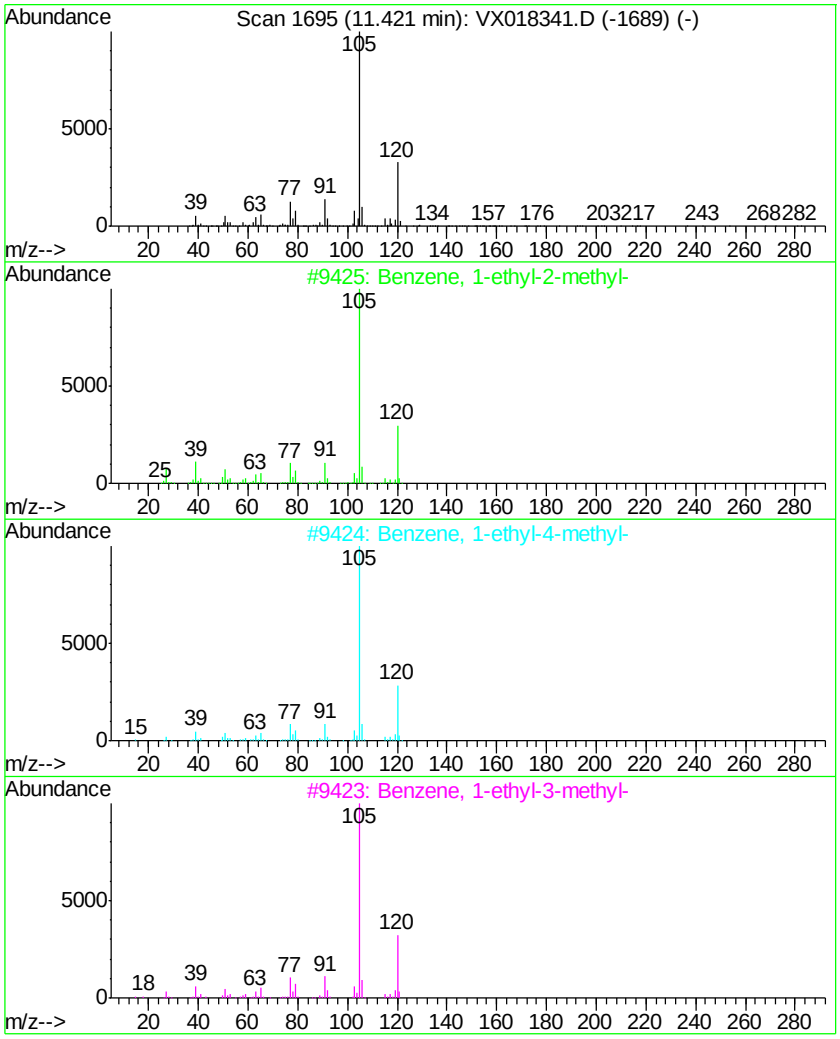
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

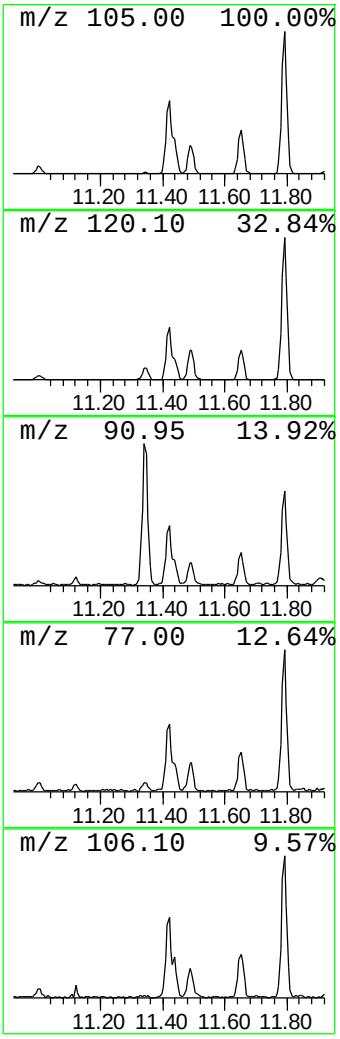
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	12.13 ug/l	561439	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-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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

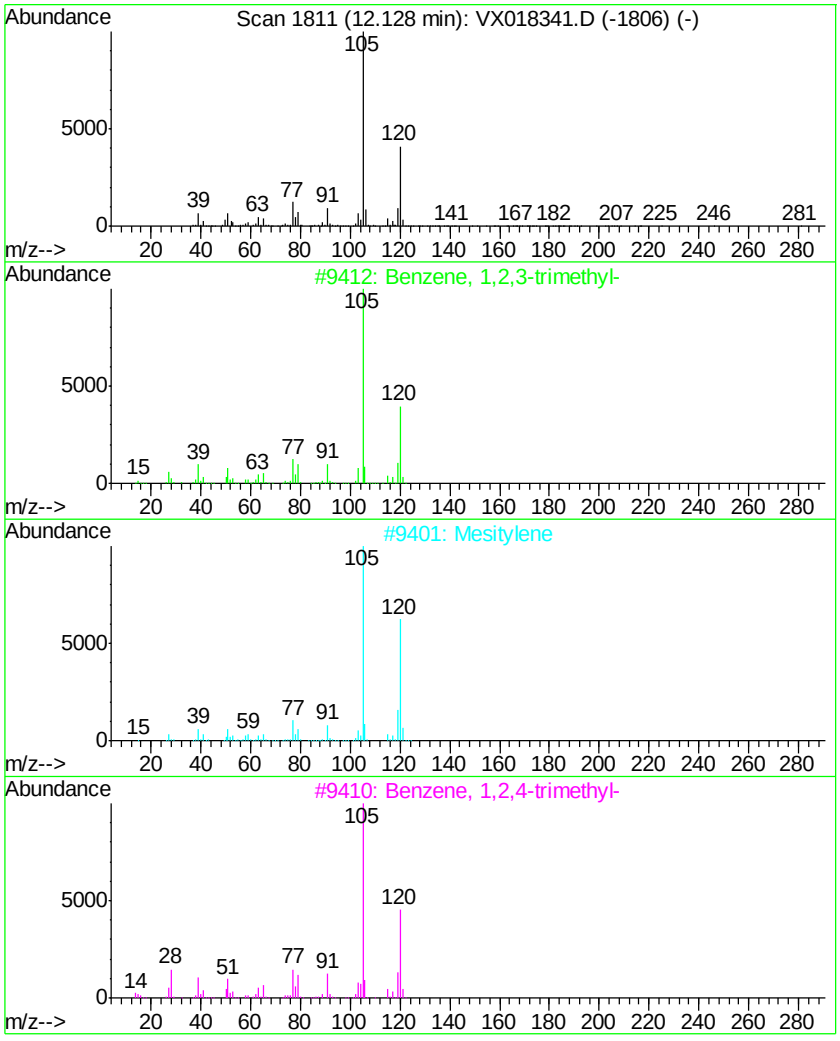
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

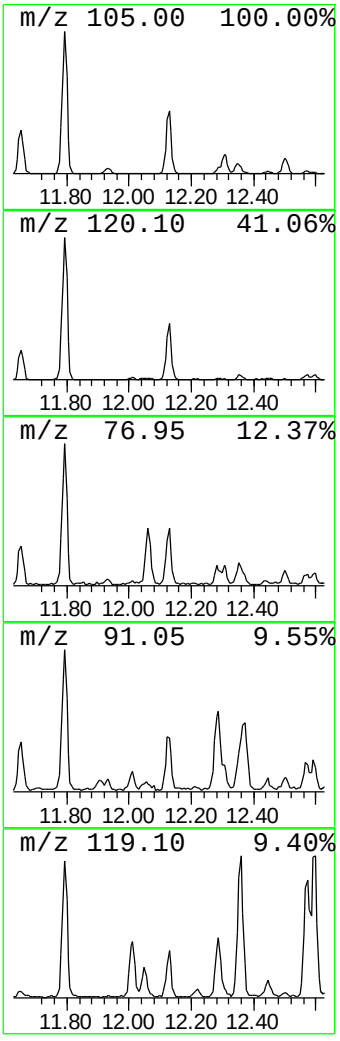
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.79 ug/l	360526	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

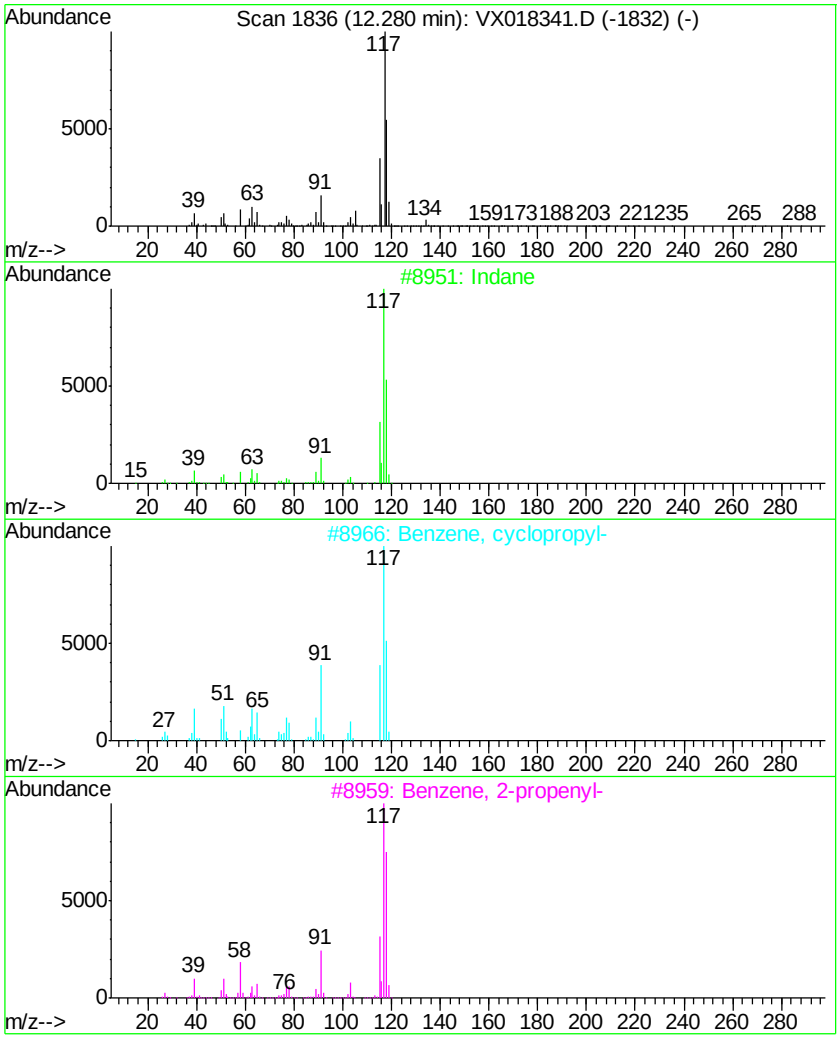
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

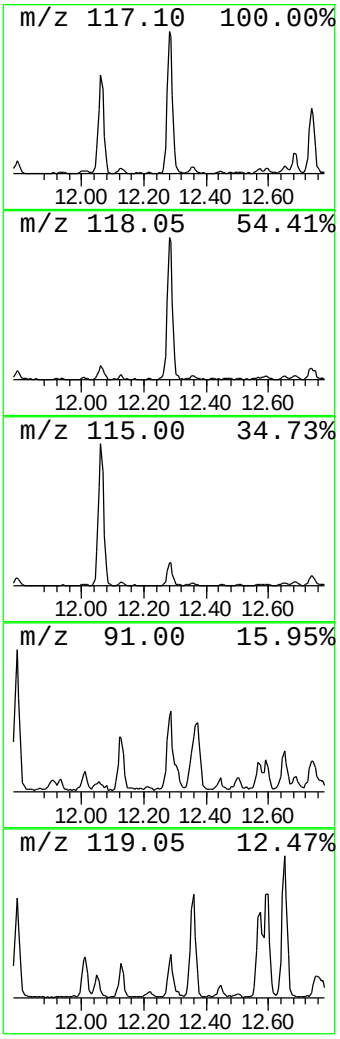
****

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	10.14 ug/l	469265	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

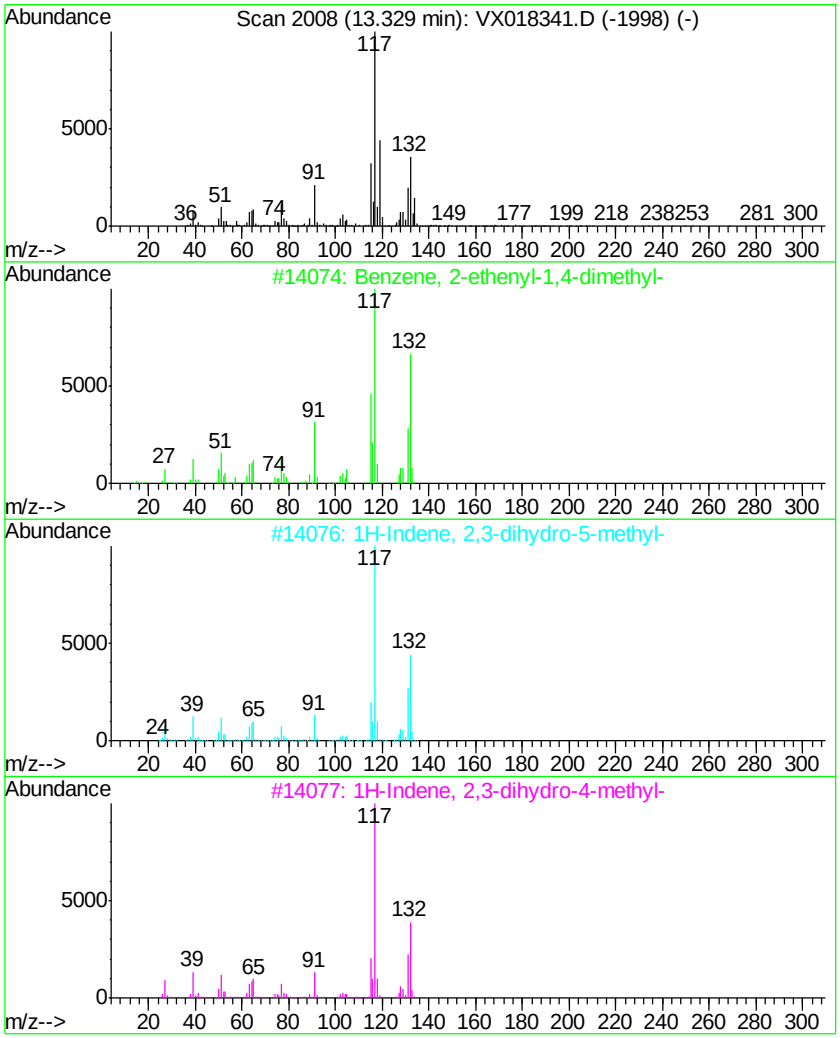
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

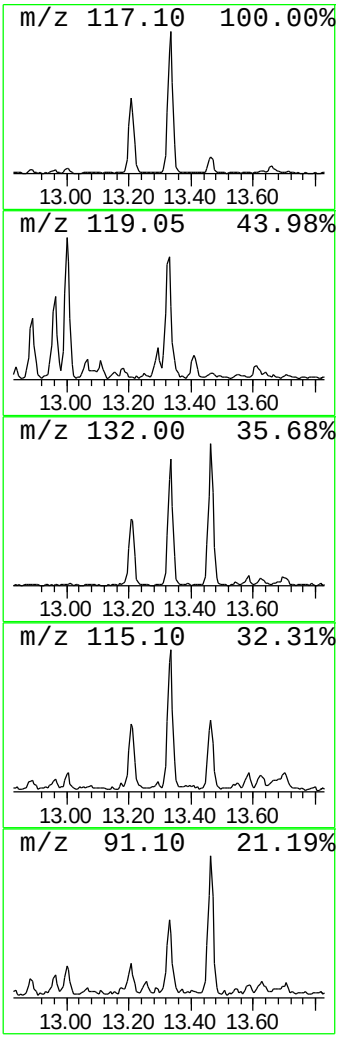
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	11.77 ug/l	544928	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

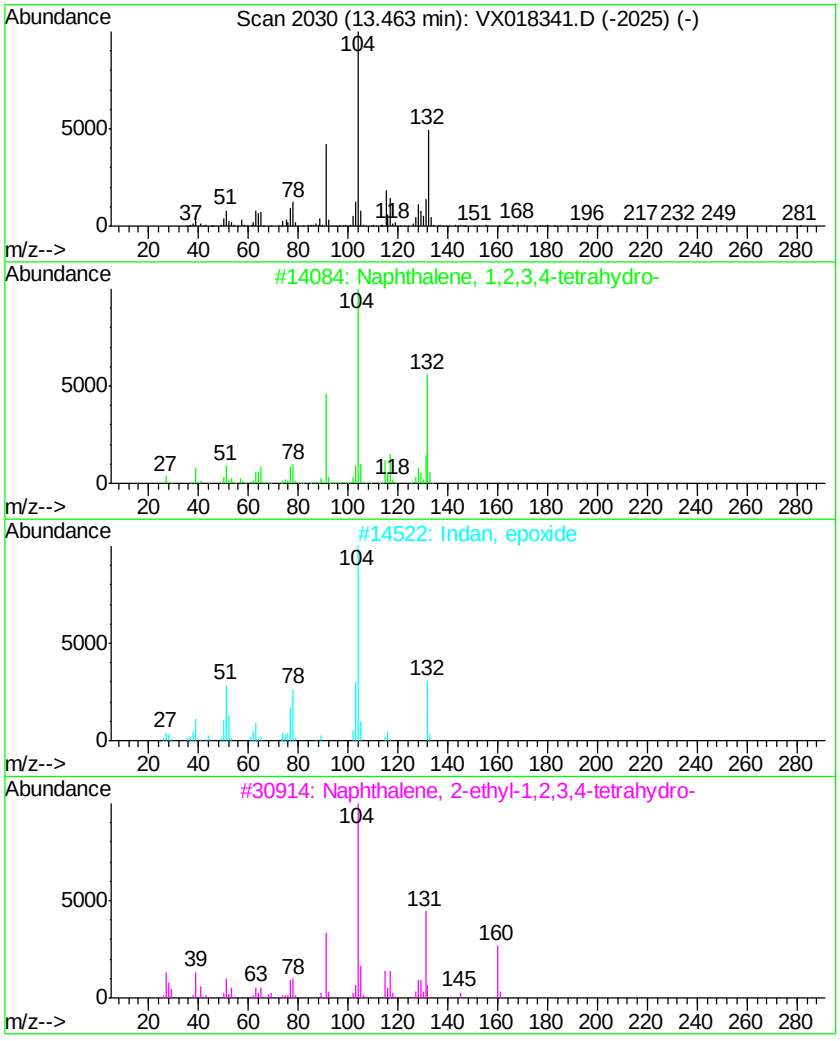
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

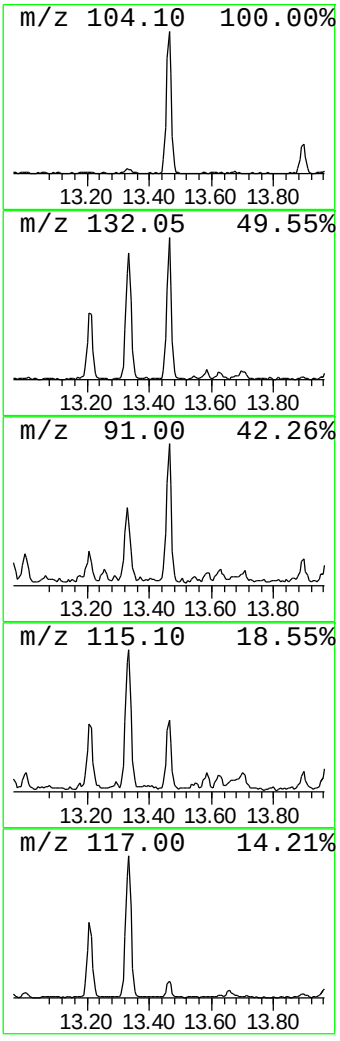
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	8.60 ug/l	398191	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	64
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
5	.delta.-6,7-Octalin, 1.beta.,4.b...	168	C10H16O2	051921-13-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018341.D
Acq On : 10 Sep 2020 16:03
Operator : JC/SP
Sample : L3952-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.66	1.66	12.0	ug/l	312544	1	5.63	1302180	50.0
Ethanol	2.15	1174.1	ug/l	30578600	1	5.63	1302180	50.0
1-Butanol	7.28	71.4	ug/l	2348720	2	6.82	1645490	50.0
Benzene, 1-ethyl-...	11.42	12.1	ug/l	561439	4	12.06	2314990	50.0
Benzene, 1,2,3-tr...	12.13	7.8	ug/l	360526	4	12.06	2314990	50.0
Indane	12.28	10.1	ug/l	469265	4	12.06	2314990	50.0
Benzene, 2-etheny...	13.33	11.8	ug/l	544928	4	12.06	2314990	50.0
Naphthalene, 1,2,...	13.46	8.6	ug/l	398191	4	12.06	2314990	50.0