LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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	2.118	163	169	177	rBV	196596	288932	1.71%	0.573%
2	5.465	706	718	731	rBV	276143	794400	4.70%	1.575%
3	5.629	734	745	759	rVB	475110	1327945	7.86%	2.633%
4	6.031	801	811	816	rBV	301682	763113	4.52%	1.513%
5	6.111	816	824	841	rVB	1659371	4376517	25.90%	8.678%
6	6.830	931	942	953	rBV2	699144	1652977	9.78%	3.278%
7	8.696	1241	1248	1255	rBV	1451169	2218474	13.13%	4.399%
8	8.769	1255	1260	1270	rVB	162865	267103	1.58%	0.530%
9	9.604	1392	1397	1419	rBV	279934	586093	3.47%	1.162%
10	10.098	1472	1478	1487	rVB	1487469	2018907	11.95%	4.003%
11	10.238	1492	1501	1508	rBV	1636512	2122222	12.56%	4.208%
12	10.342	1510	1518	1524	rVV	817374	1120128	6.63%	2.221%
13	10.683	1569	1574	1581	rVB	464975	601709	3.56%	1.193%
14	11.122	1640	1646	1653	rBV	1409871	1731919	10.25%	3.434%
15	11.421	1690	1695	1702	rBV	182062	352093	2.08%	0.698%
16	11.494	1702	1707	1713	rVB	235977	297765	1.76%	0.590%
17	11.652	1728	1733	1743	rBV	236704	303714	1.80%	0.602%
18	11.793	1747	1756	1762	rVV	804276	981295	5.81%	1.946%
19	12.061	1795	1800	1806	rVB	1839972	2218248	13.13%	4.398%
20	12.128	1806	1811	1815	rBV	416918	505000	2.99%	1.001%
21	12.280	1831	1836	1844	rBV	2451956	3096593	18.32%	6.140%
22	12.738	1906	1911	1920	rBV	195744	265165	1.57%	0.526%
23	13.000	1951	1954	1962	rVB2	159290	210214	1.24%	0.417%
24	13.207	1982	1988	1992	rBV	154550	190672	1.13%	0.378%
25	13.329	2003	2008	2013	rVB2	289442	400961	2.37%	0.795%
26	13.463	2026	2030	2039	rVB	245188	307568	1.82%	0.610%
27	13.817	2082	2088	2096	rBV	13742063	16900177	100.00%	33.510%
28	13.908	2098	2103	2109	rVB	286218	357976	2.12%	0.710%
29	14.676	2225	2229	2240	rVB	1328964	1630331	9.65%	3.233%
30	14.823	2247	2253	2261	rVB	1630383	2073148	12.27%	4.111%
31	15.524	2363	2368	2373	rBV	118093	192013	1.14%	0.381%
32	15.664	2381	2391	2395	rBV	162272	279775	1.66%	0.555%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

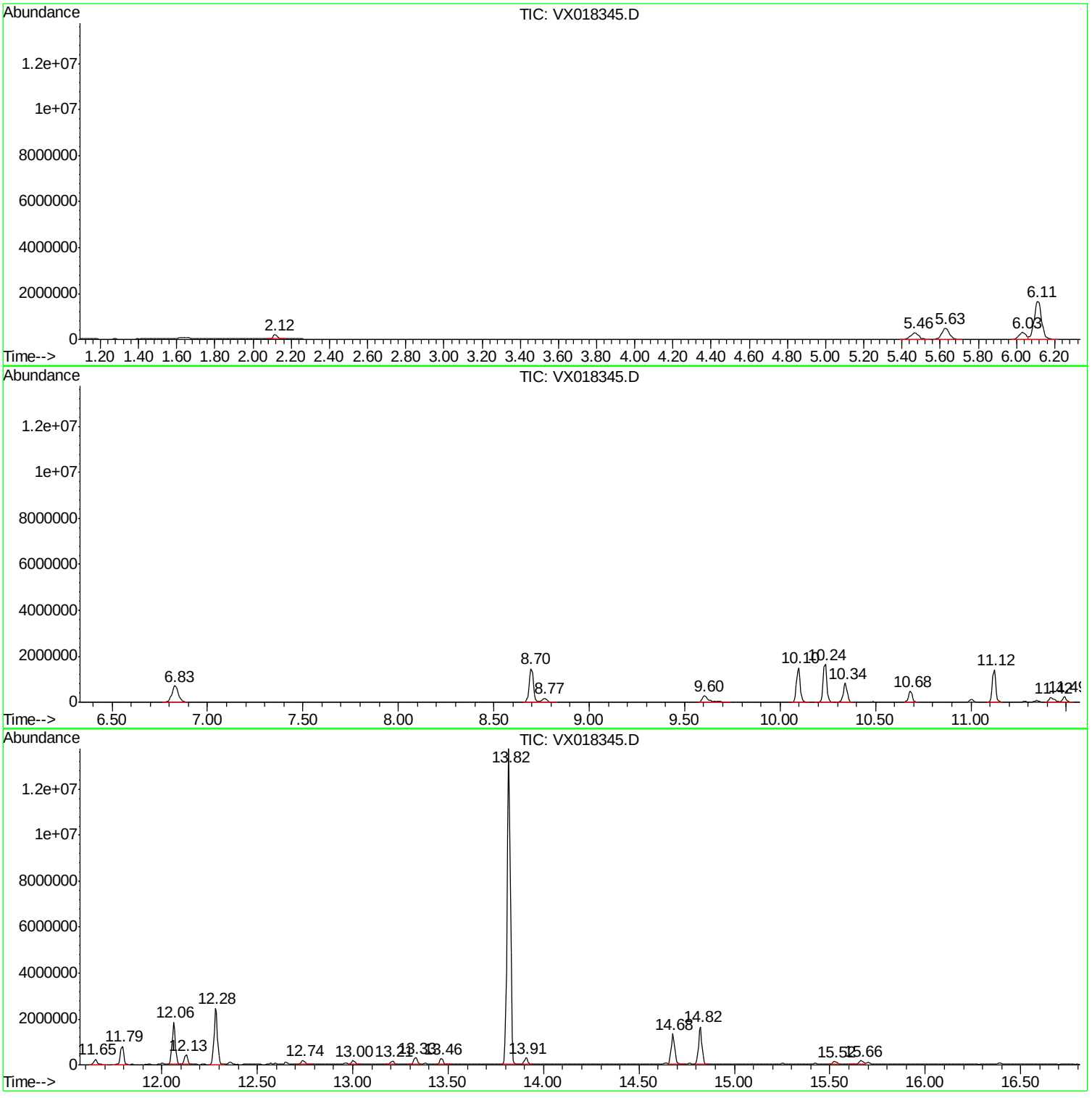
Sum of corrected areas: 50433147

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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 : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

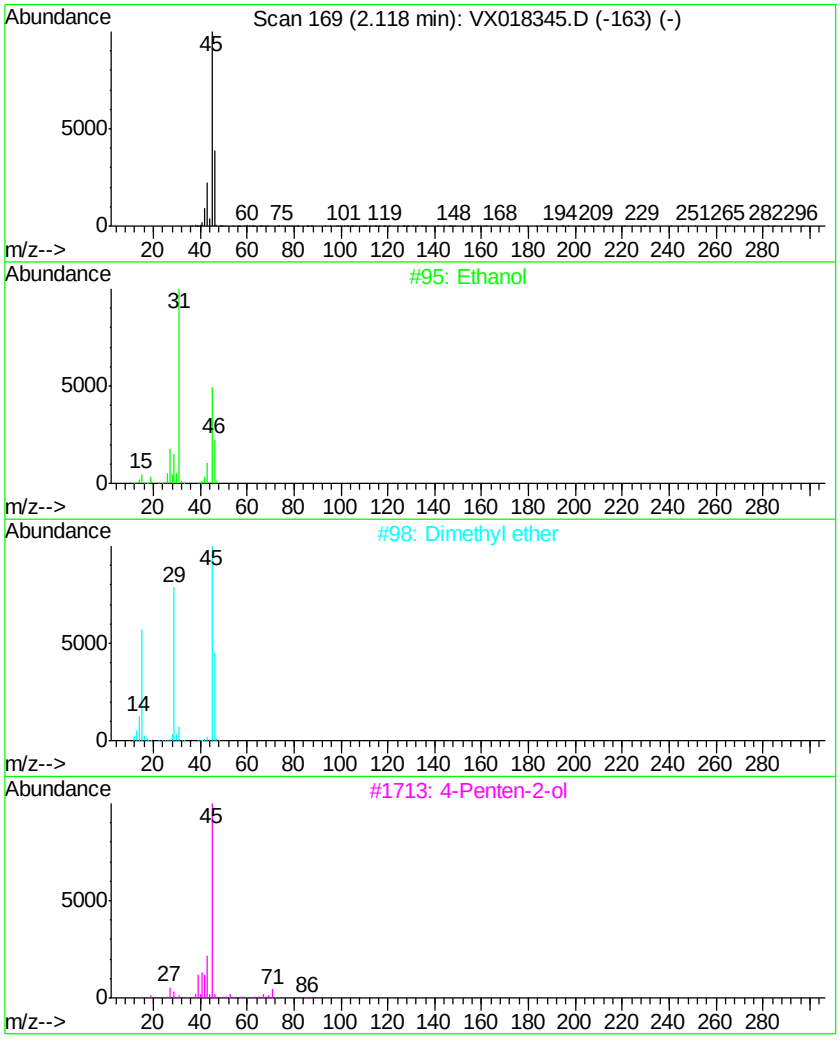
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

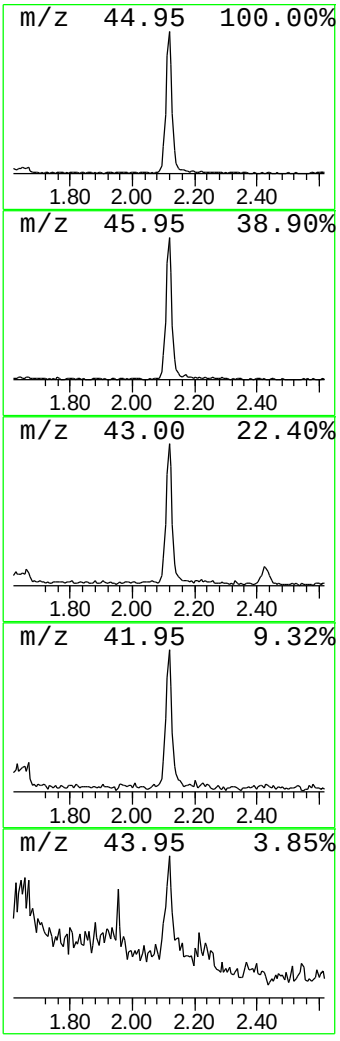
****

Peak Number 1 unknown2.12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	10.88 ug/l	288932	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	43
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	4-Penten-2-ol	86	C5H10O	000625-31-0	4
4	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	4
5	Formic acid	46	CH2O2	000064-18-6	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

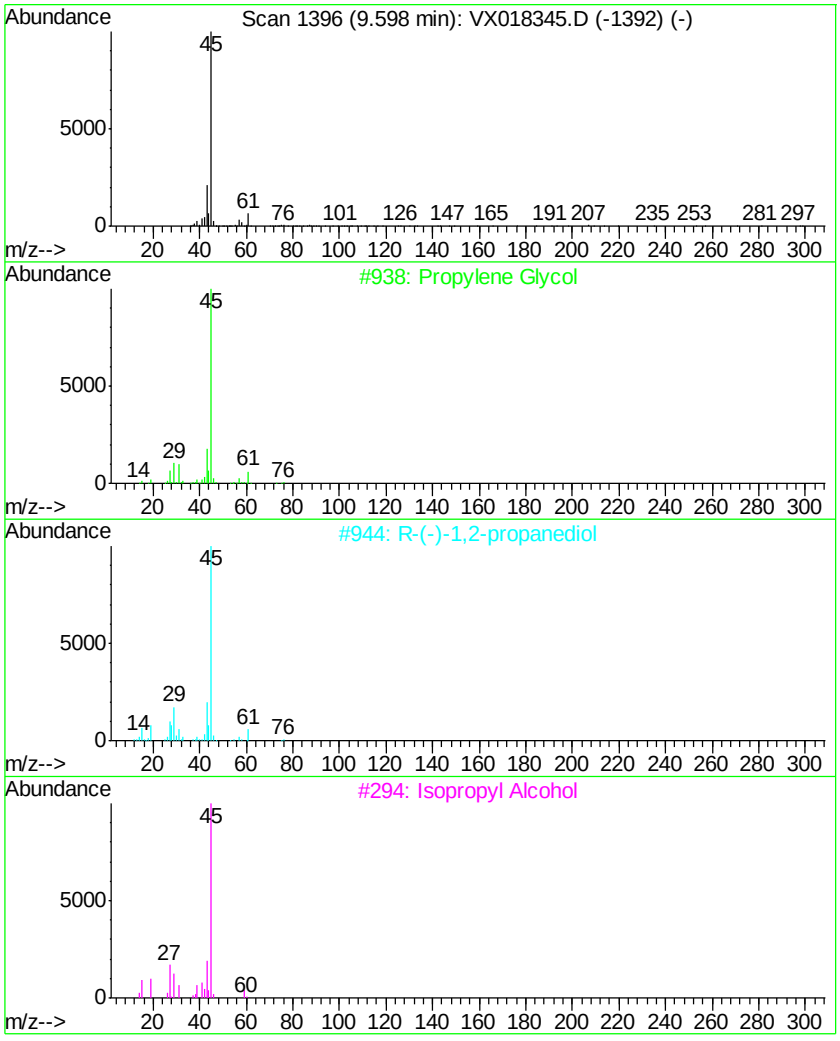
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

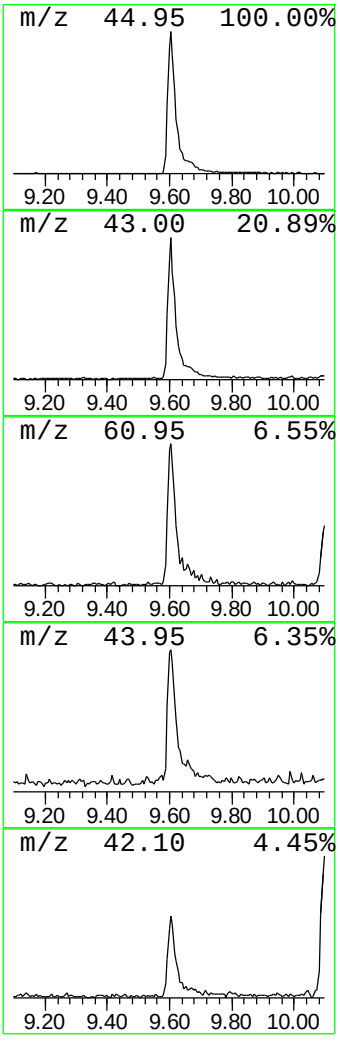
****

Peak Number 2 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	14.52 ug/l	586093	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	12





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

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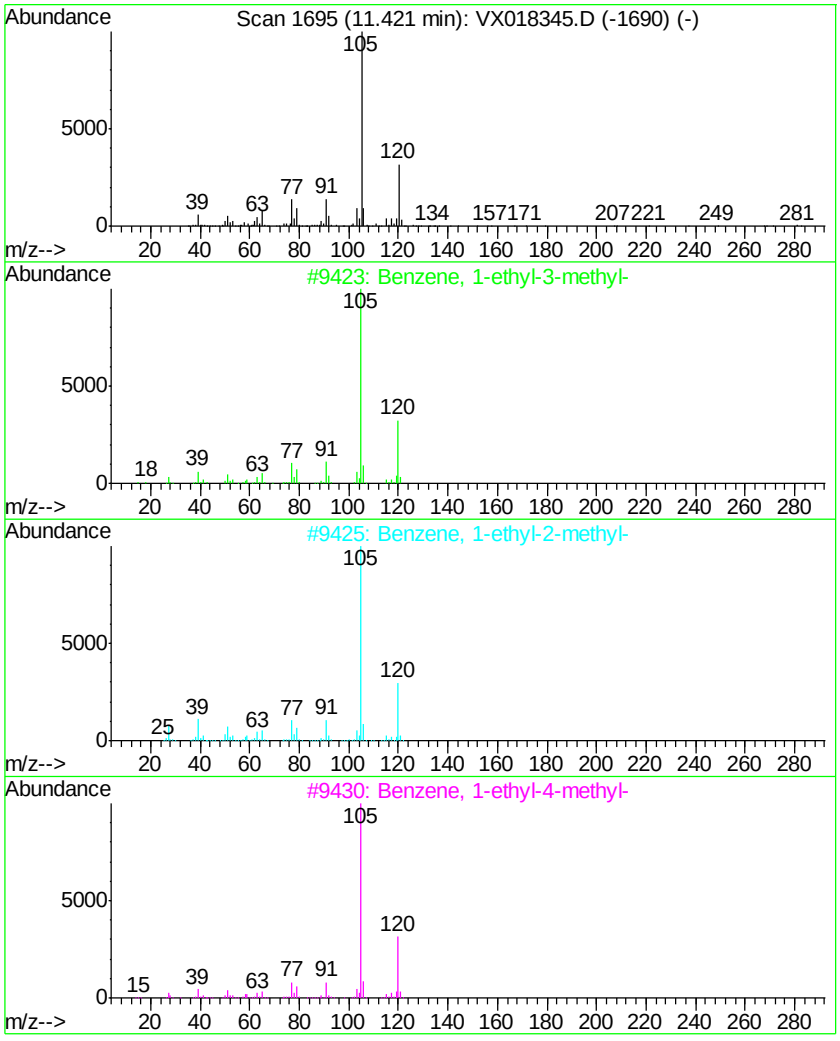
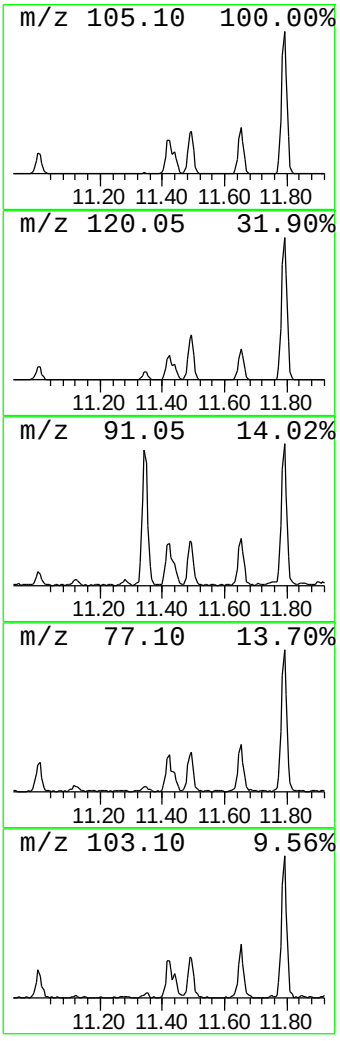
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	7.94 ug/l	352093	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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

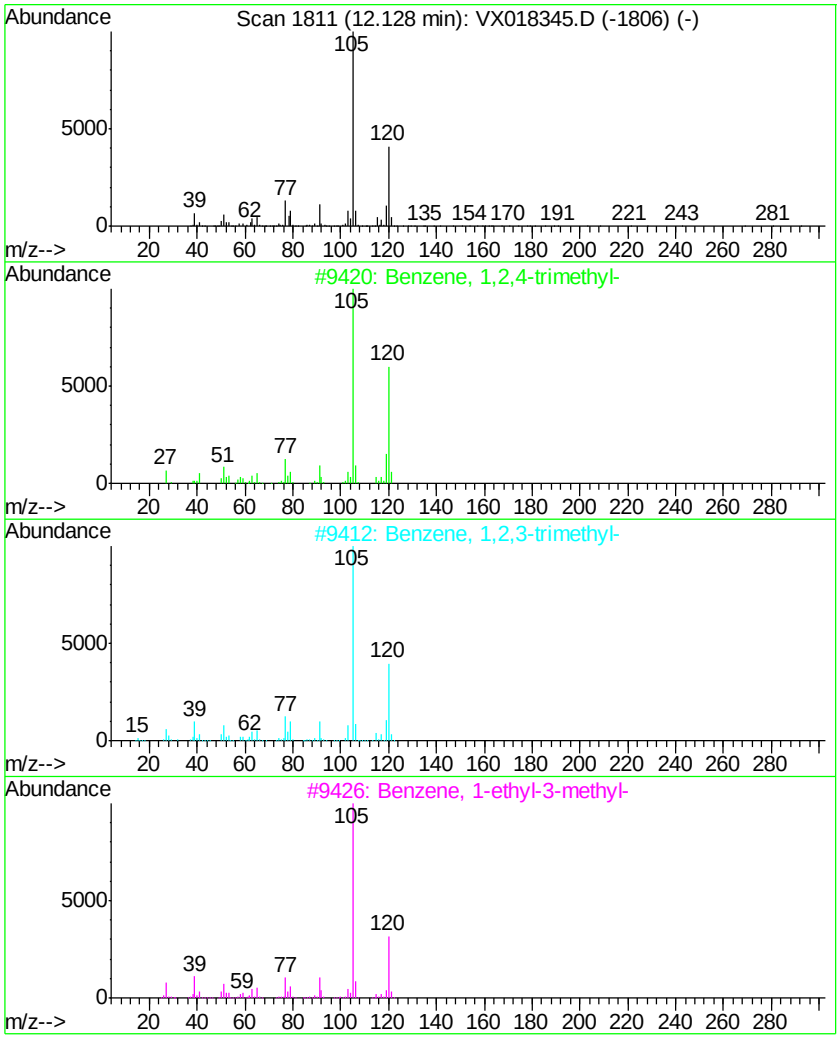
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

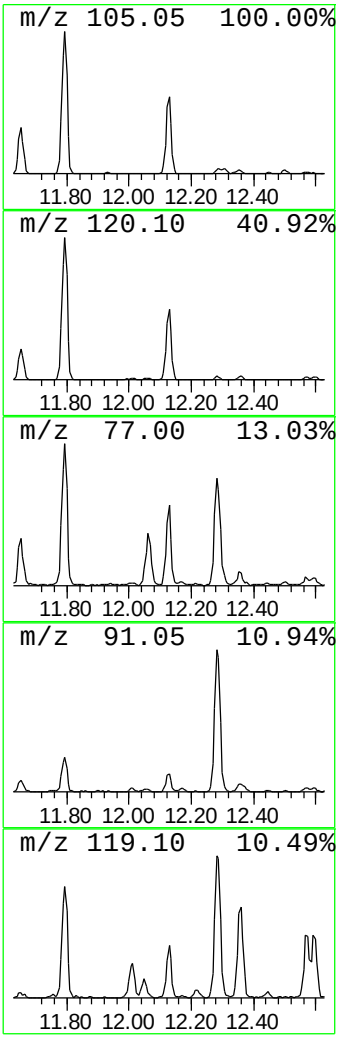
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	11.38 ug/l	505000	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

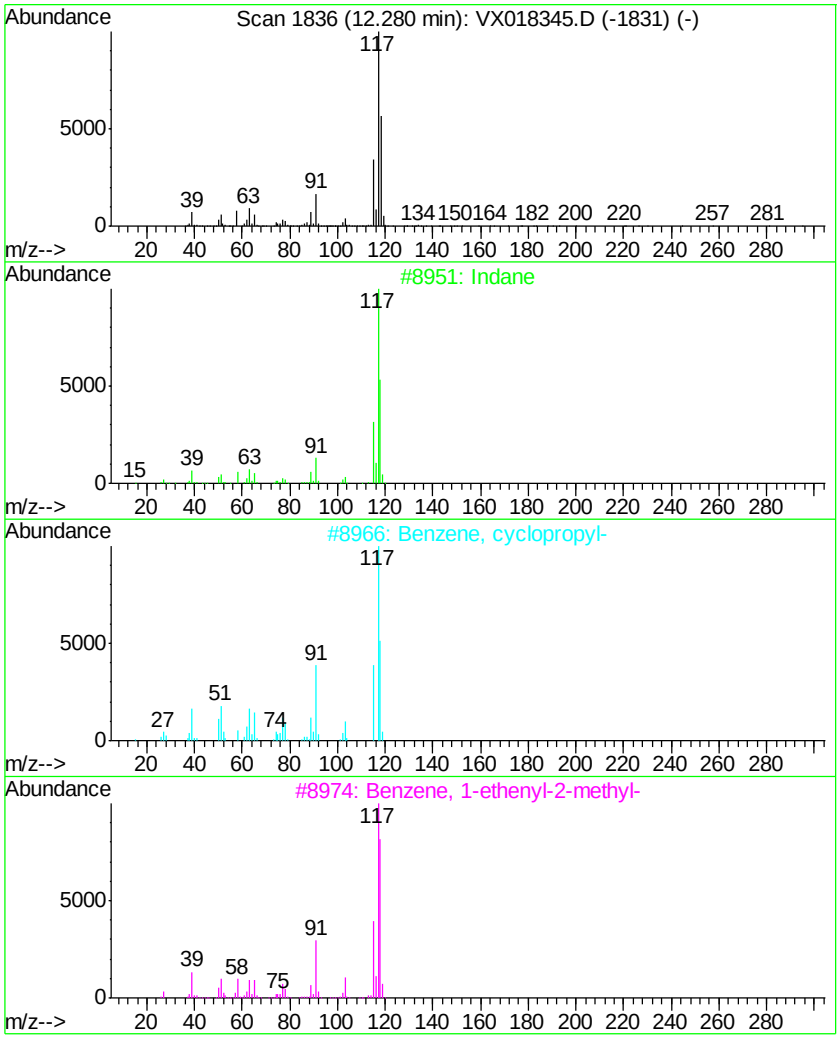
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

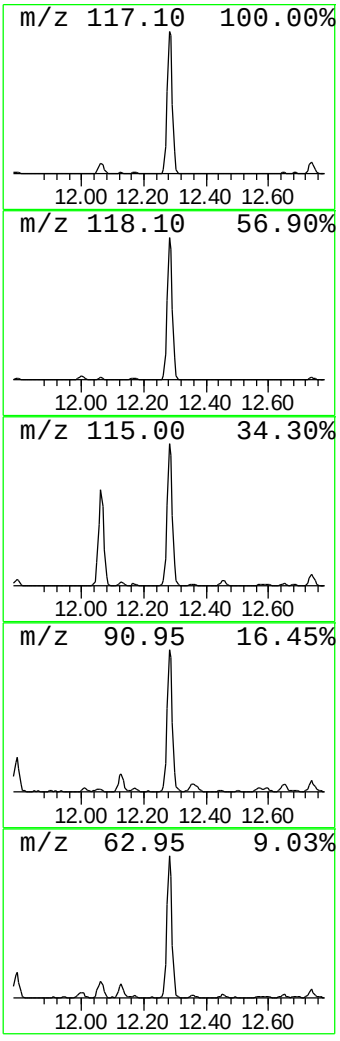
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	69.80 ug/l	3096590	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

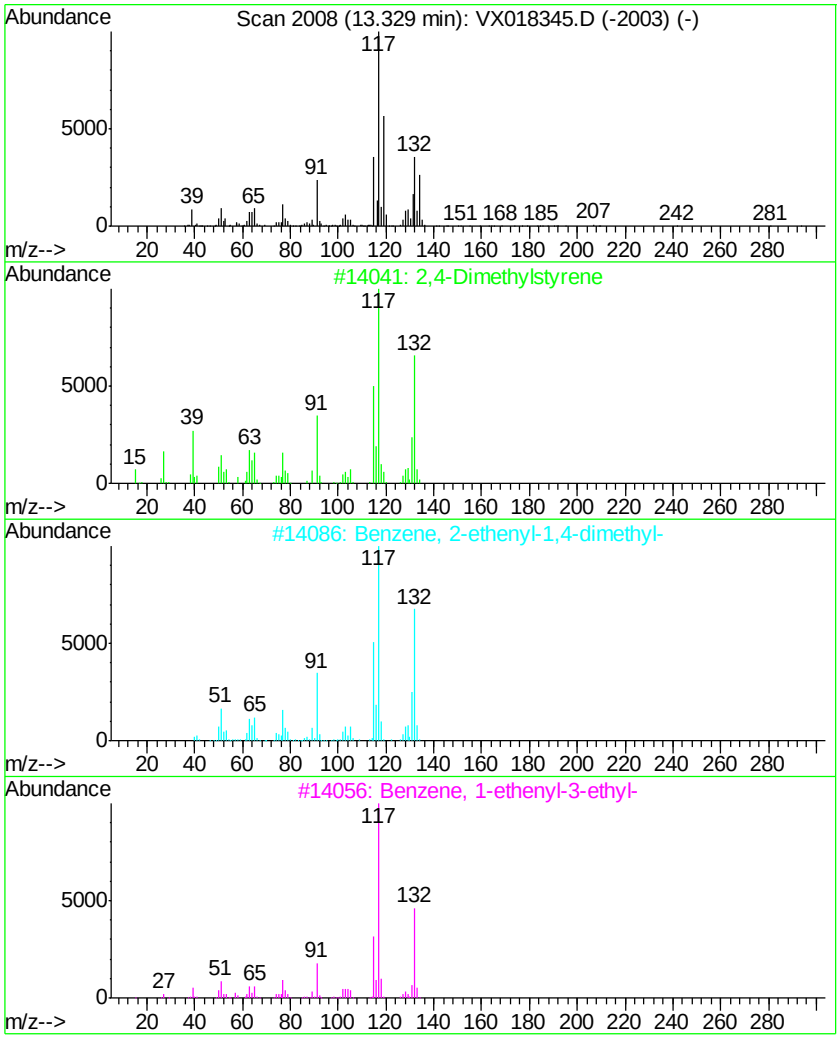
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

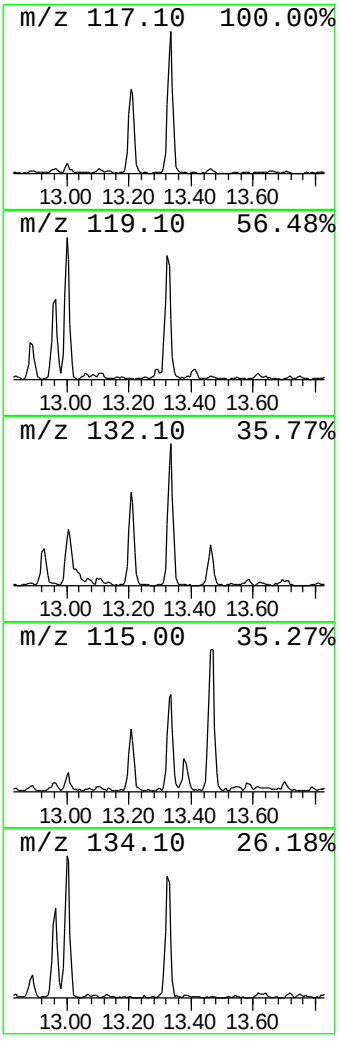
****

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	9.04 ug/l	400961	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

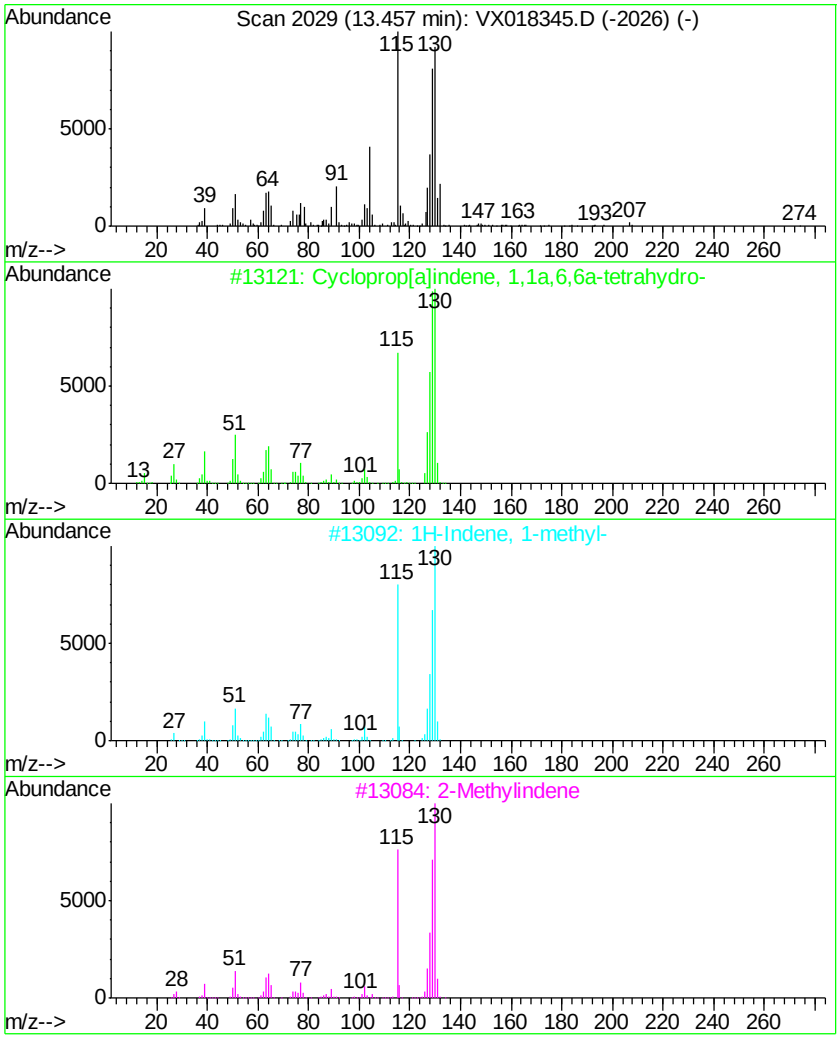
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

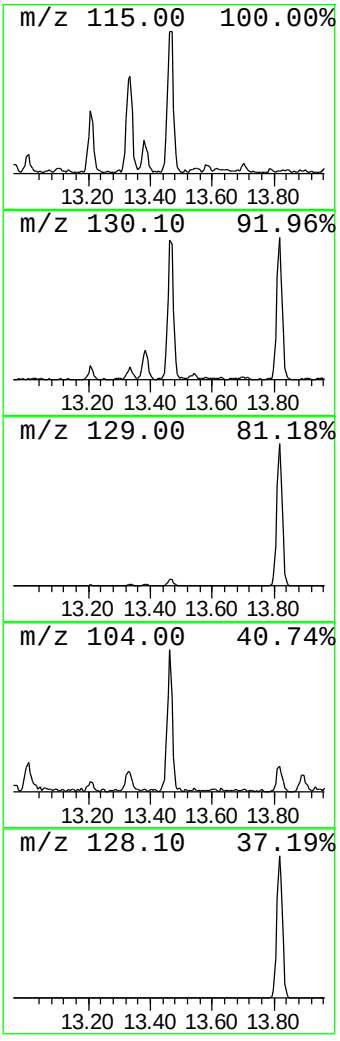
****

Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.93 ug/l	307568	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

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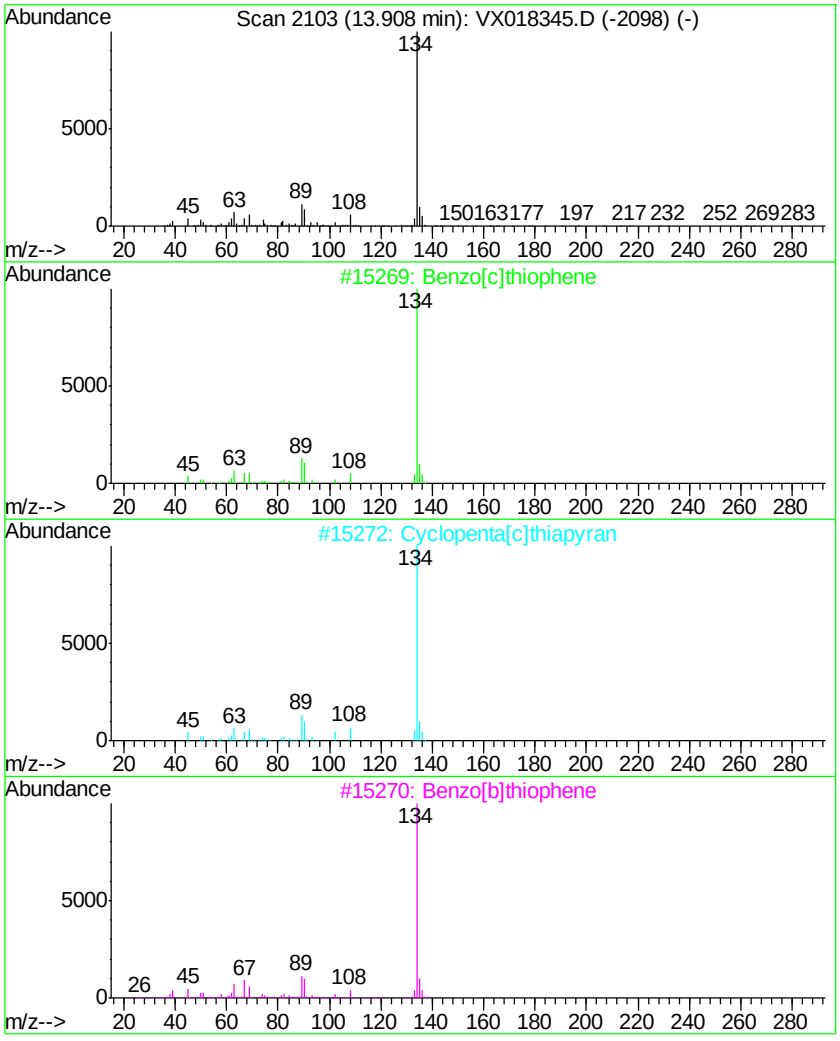
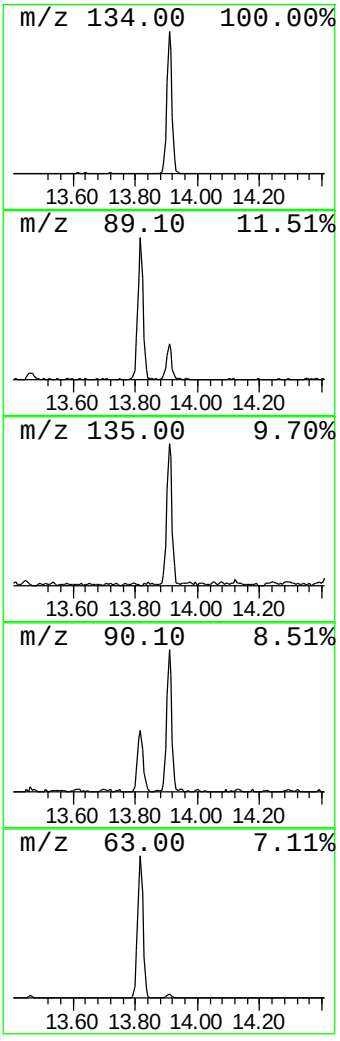
Peak Number 8 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	8.07 ug/l	357976	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	40
5	Carbonic acid, 7-benzofuryl 2-ox...	234	C12H10O5	109613-86-7	39





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

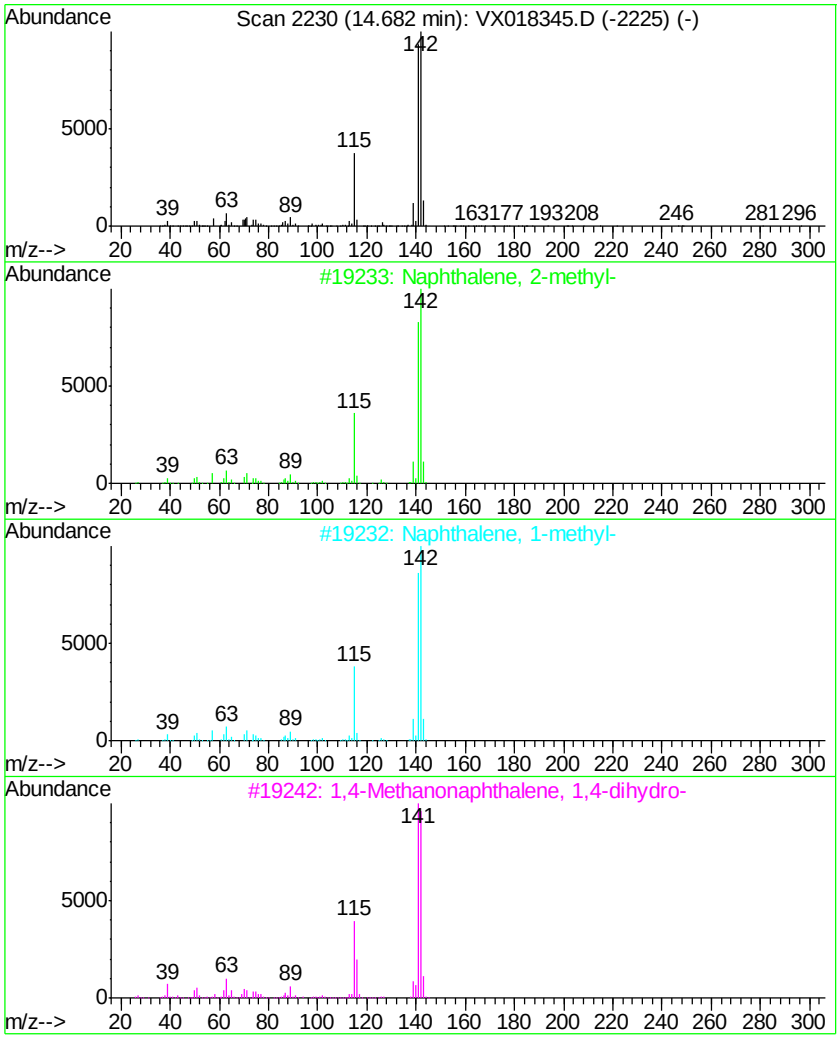
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

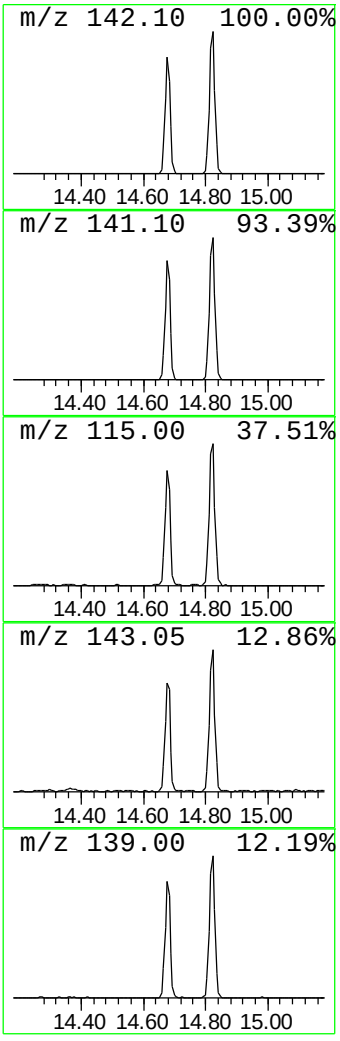
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	36.75 ug/l	1630330	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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

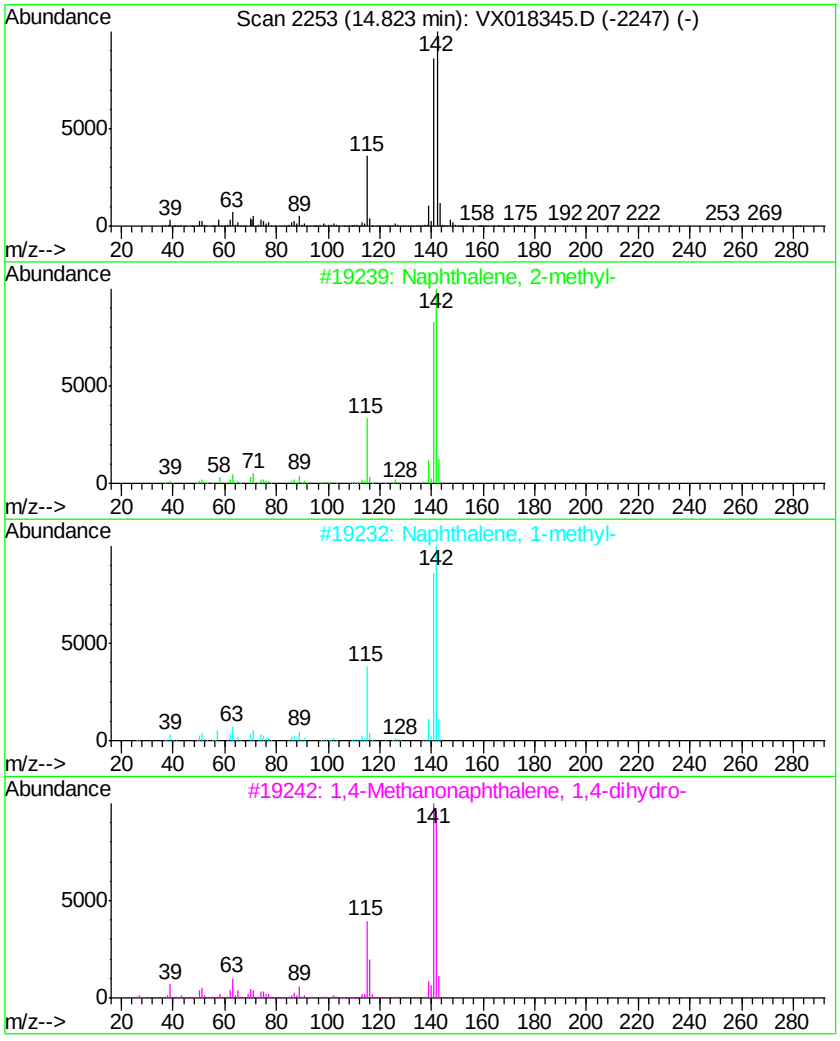
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

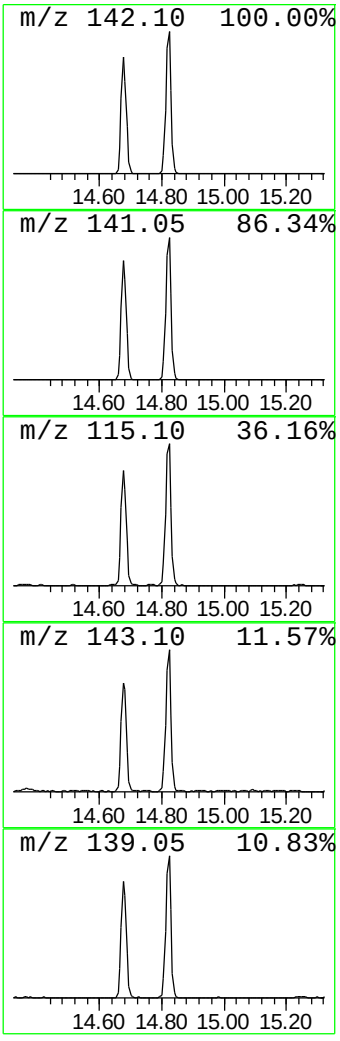
****

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	46.73 ug/l	2073150	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091020\
Data File : VX018345.D
Acq On : 10 Sep 2020 17:34
Operator : JC/SP
Sample : L3953-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N2930S

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
unknown2.12	2.12	10.9	ug/l	288932	1	5.63	1327950	50.0
Propylene Glycol	9.60	14.5	ug/l	586093	3	10.10	2018910	50.0
Benzene, 1-ethyl-...	11.42	7.9	ug/l	352093	4	12.06	2218250	50.0
Benzene, 1,2,4-tr...	12.13	11.4	ug/l	505000	4	12.06	2218250	50.0
Indane	12.28	69.8	ug/l	3096590	4	12.06	2218250	50.0
2,4-Dimethylstyrene	13.33	9.0	ug/l	400961	4	12.06	2218250	50.0
Cycloprop[a]inden...	13.46	6.9	ug/l	307568	4	12.06	2218250	50.0
Benzo[c]thiophene	13.91	8.1	ug/l	357976	4	12.06	2218250	50.0
Naphthalene, 1-me...	14.68	36.8	ug/l	1630330	4	12.06	2218250	50.0
1,4-Methanonaphth...	14.82	46.7	ug/l	2073150	4	12.06	2218250	50.0