

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014976.D
 Acq On : 20 Feb 2020 13:44
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

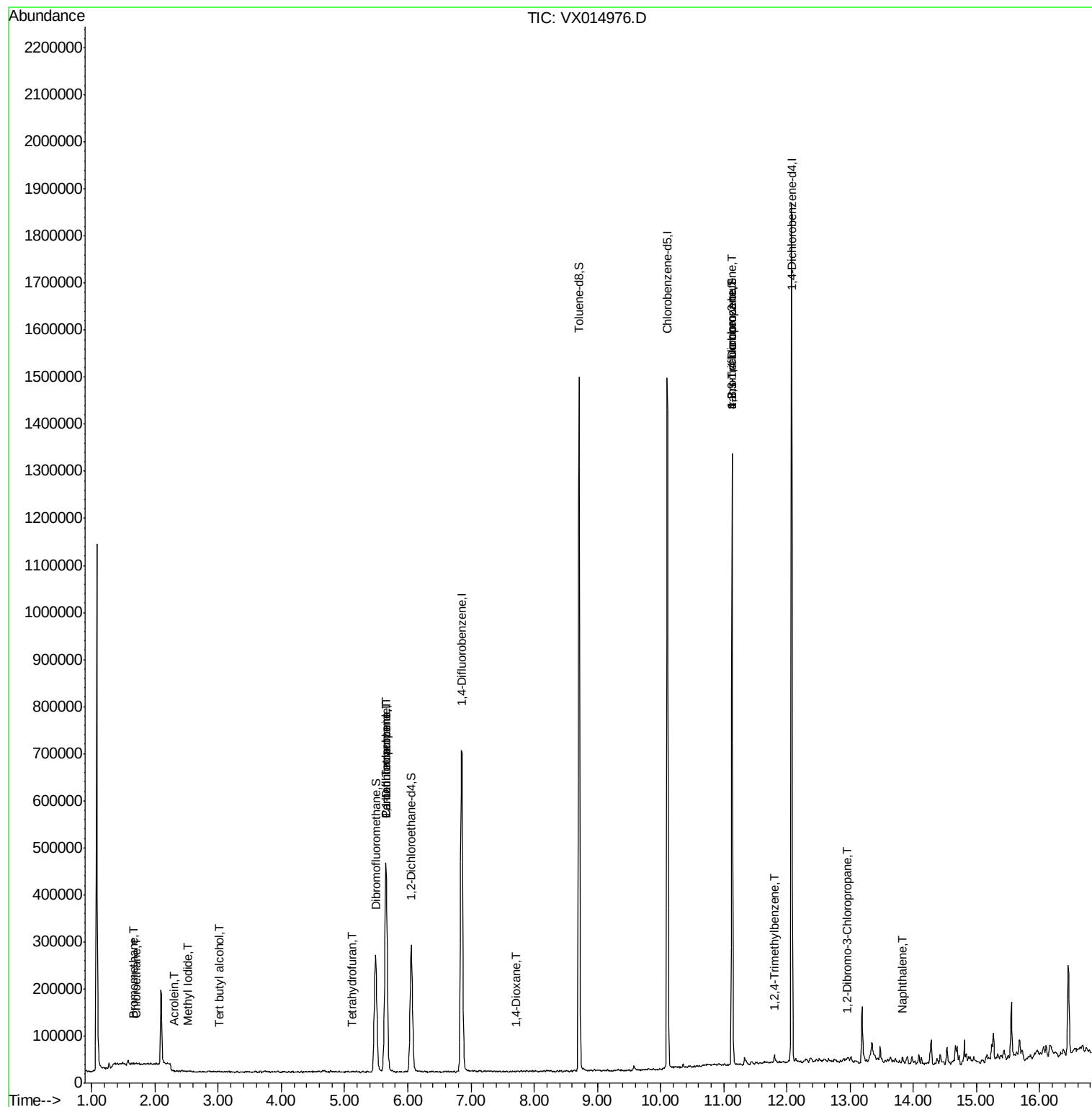
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	718412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	697498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	387506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	254455	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	5.49	113	216611	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	869090	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	336840	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.66	94	1101	0.320	ug/l	95
6) Chloroethane	1.71	64	759	0.223	ug/l #	74
10) Methyl Iodide	2.52	142	673	4.497	ug/l #	72
11) Tert butyl alcohol	3.01	59	354	0.387	ug/l #	73
13) Acrolein	2.30	56	273	0.392	ug/l #	76
16) Acetone	2.43	43	2905	Below Cal	#	86
29) Tetrahydrofuran	5.11	42	1150	0.573	ug/l #	41
36) 1,1-Dichloropropene	5.65	75	31549	4.909	ug/l #	42
38) Carbon Tetrachloride	5.65	117	40898	6.530	ug/l #	16
49) 1,4-Dioxane	7.73	88	248	2.438	ug/l #	35
76) 1,2,3-Trichloropropane	11.13	75	167682	23.929	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	167682	61.252	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.80	105	6827	0.334	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.96	75	489	0.262	ug/l	73
95) Naphthalene	13.83	128	9834	0.420	ug/l #	89

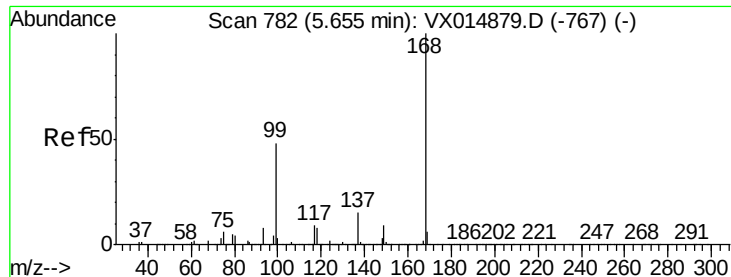
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 12:09:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

Instrument :

MSVOA_X

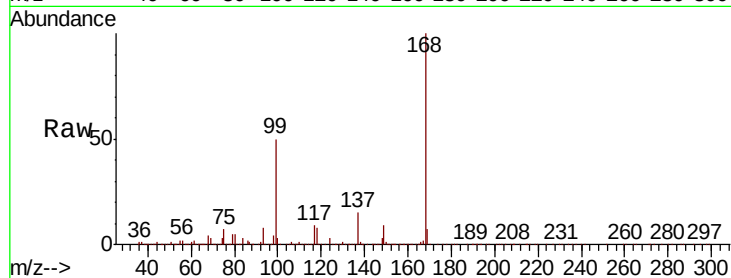
ClientSampleId :

Tot Ion:168 Resp: 459132

Ion Ratio Lower Upper

168 100

99 50.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

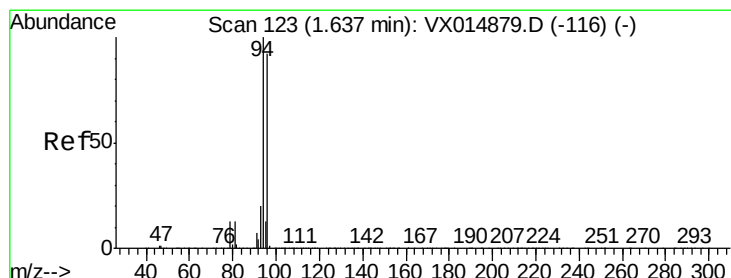
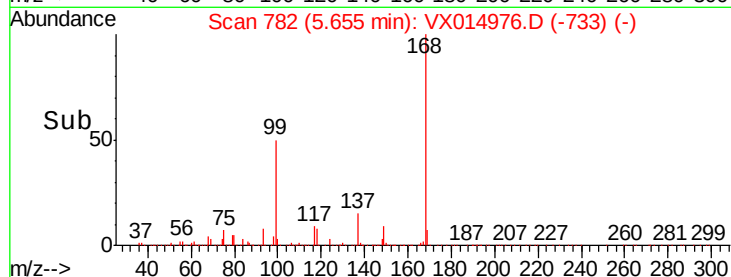
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.320 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014976.D

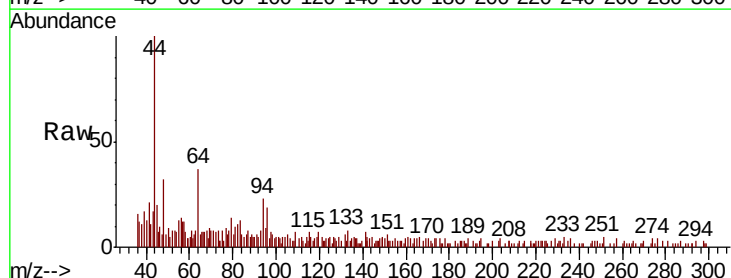
Acq: 20 Feb 2020 13:44

Tgt Ion: 94 Resp: 1101

Ion Ratio Lower Upper

94 100

96 87.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

800

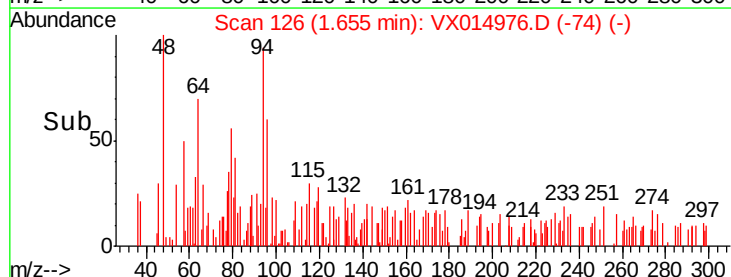
600

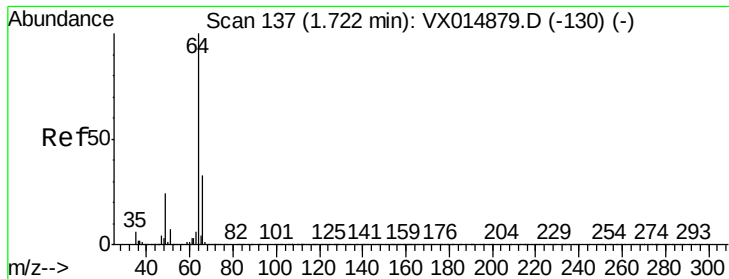
400

200

0

Time-->





#6

Chloroethane

Concen: 0.223 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

Instrument :

MSVOA_X

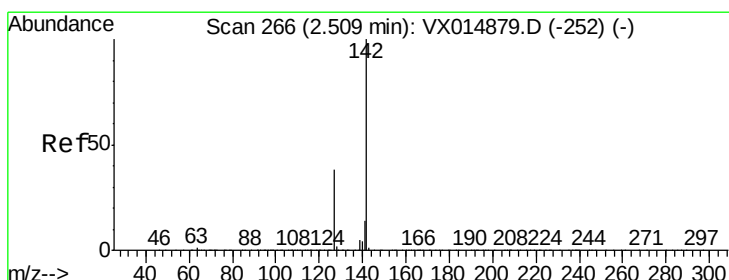
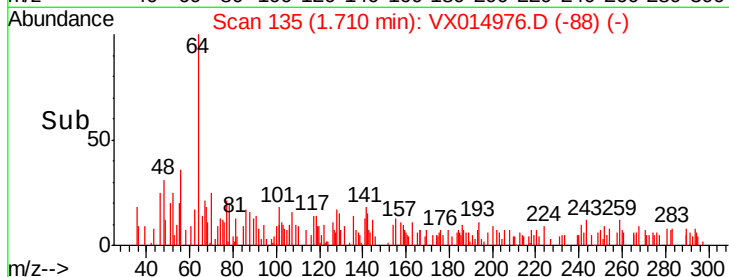
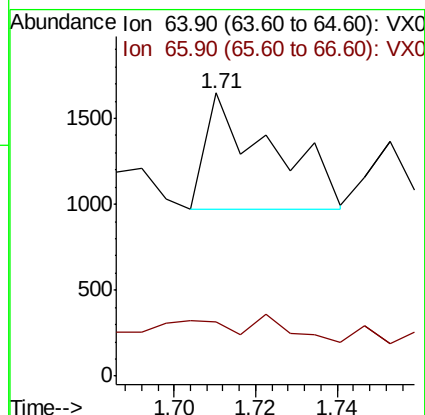
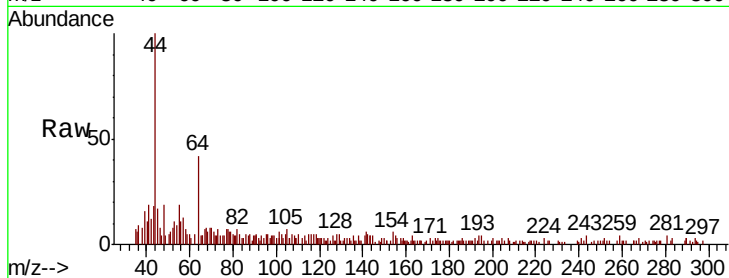
ClientSampleId :

Tot Ion: 64 Resp: 759

Ion Ratio Lower Upper

64 100

66 18.3 26.2 39.4#



#10

Methyl Iodide

Concen: 4.497 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

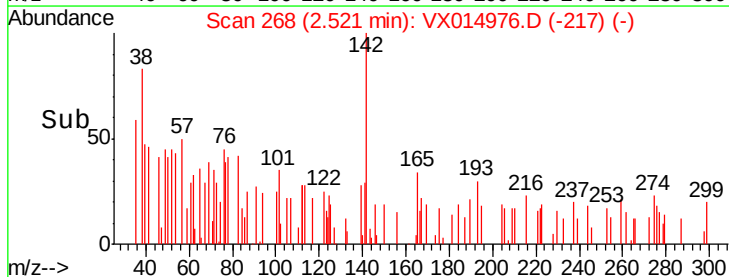
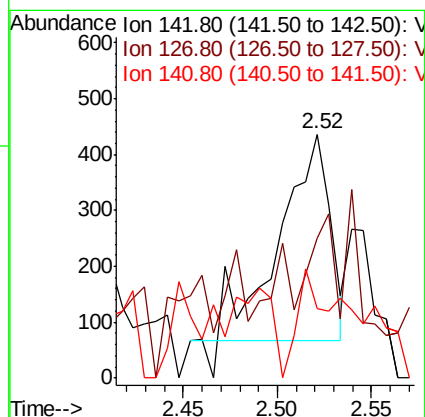
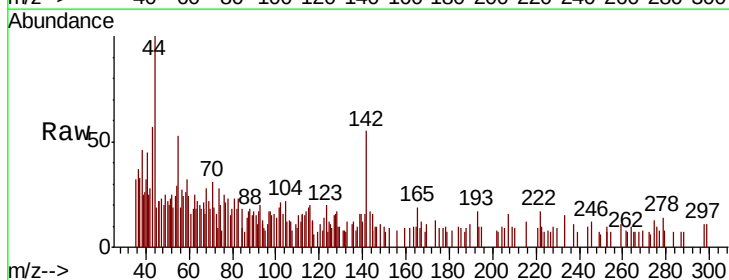
Tgt Ion: 142 Resp: 673

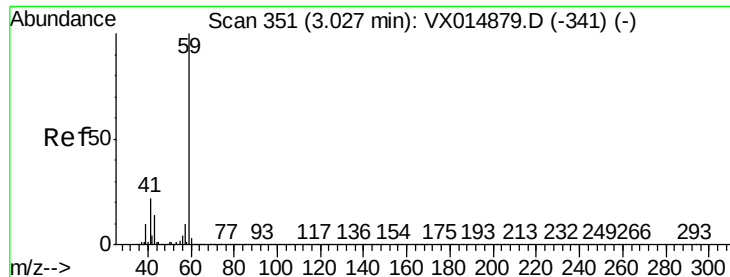
Ion Ratio Lower Upper

142 100

127 23.2 31.1 46.7#

141 28.2 11.3 16.9#



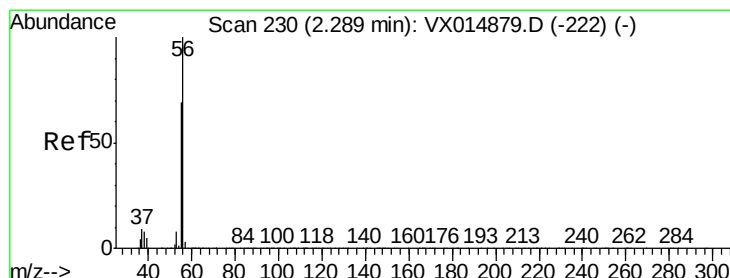
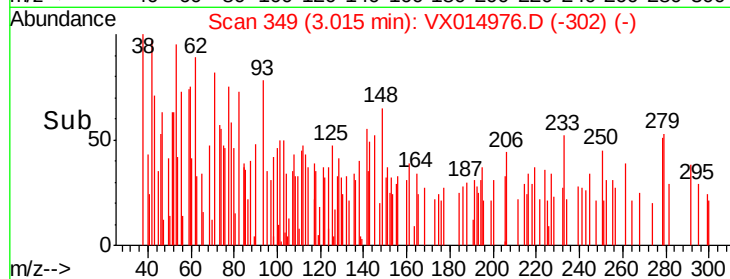
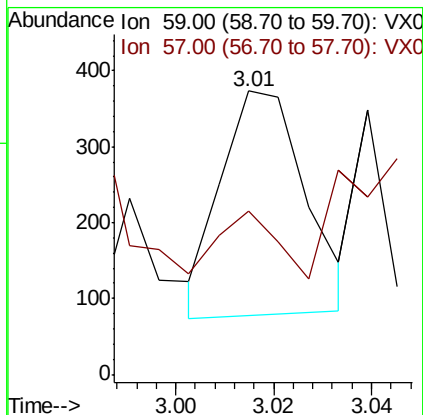
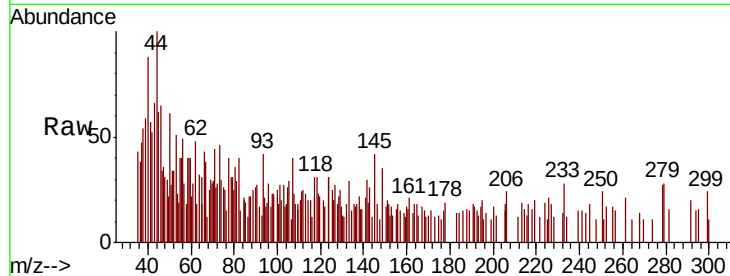


#11

Tert butyl alcohol
Concen: 0.387 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :

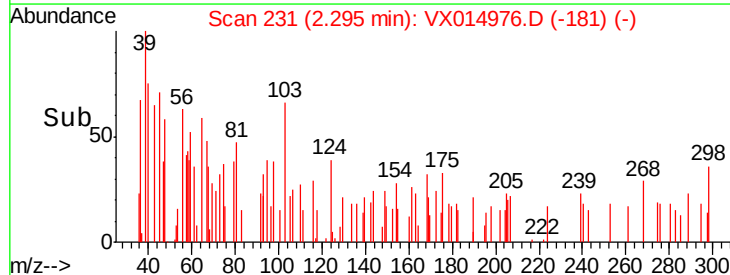
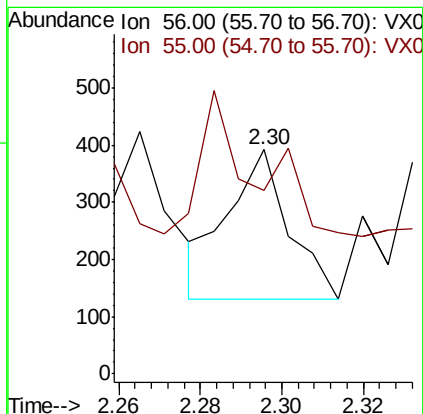
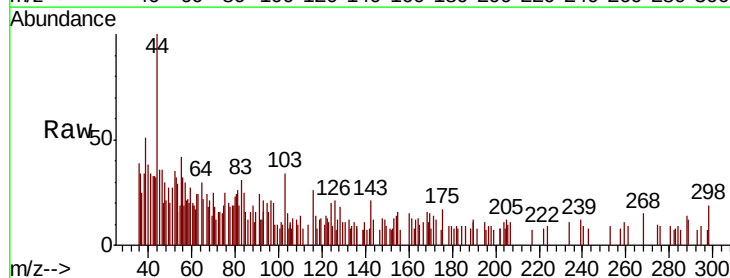
Tot Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 20.3 8.2 12.4#

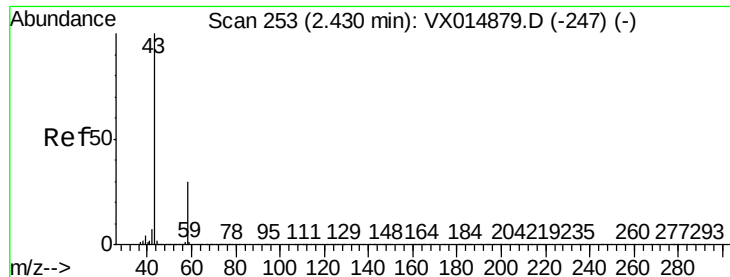


#13

Acrolein
Concen: 0.392 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 88.3 55.0 82.4#

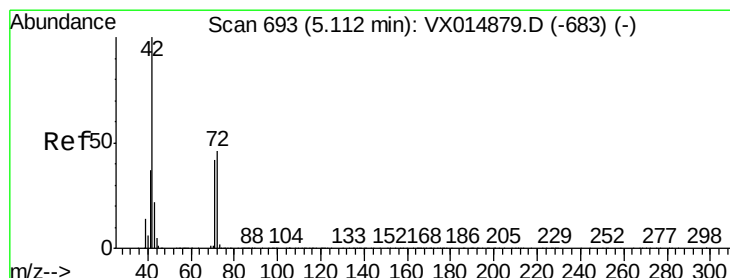
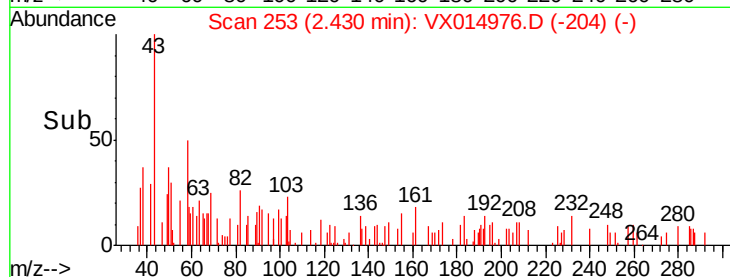
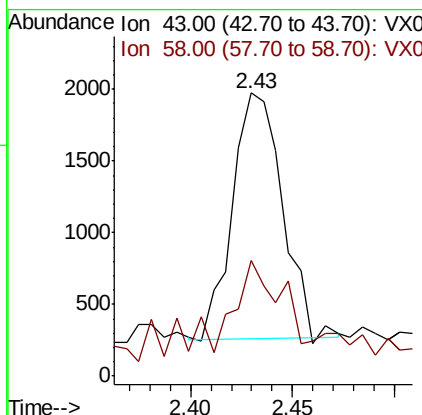
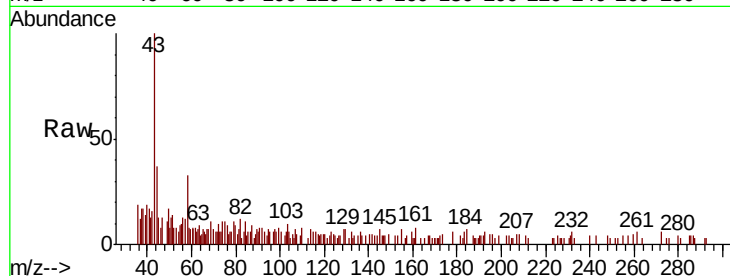




#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

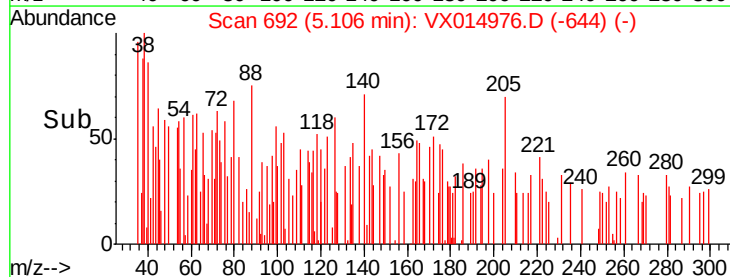
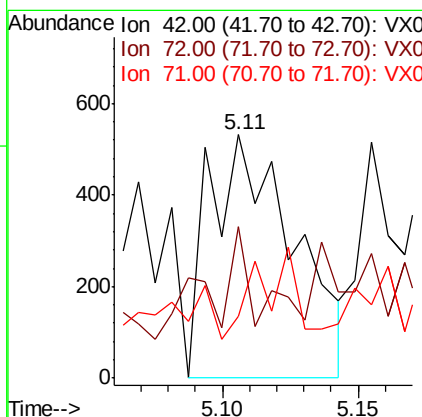
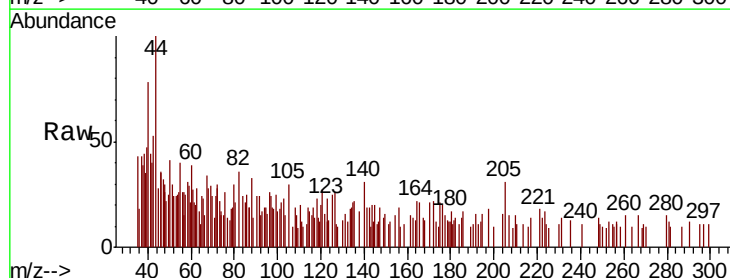
Instrument :
MSVOA_X
ClientSampled :

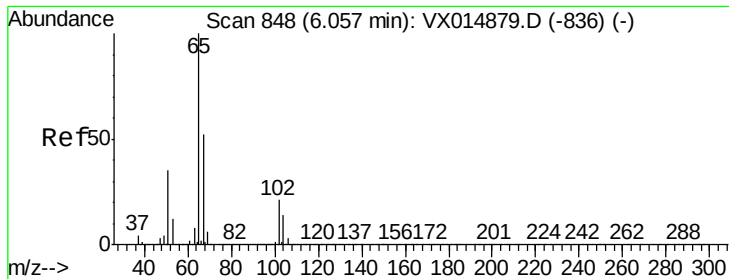
Tot Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
58 37.4 24.1 36.1#



#29
Tetrahydrofuran
Concen: 0.573 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Tgt Ion: 42 Resp: 1150
Ion Ratio Lower Upper
42 100
72 12.0 36.9 55.3#
71 0.0 34.1 51.1#

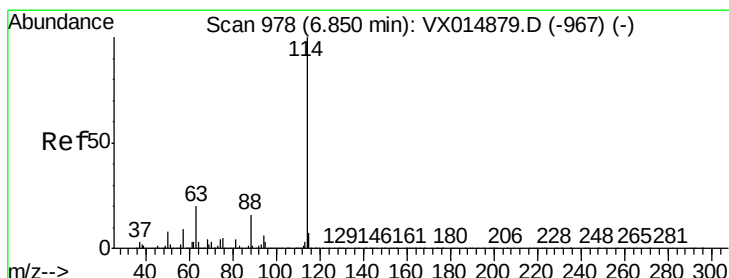
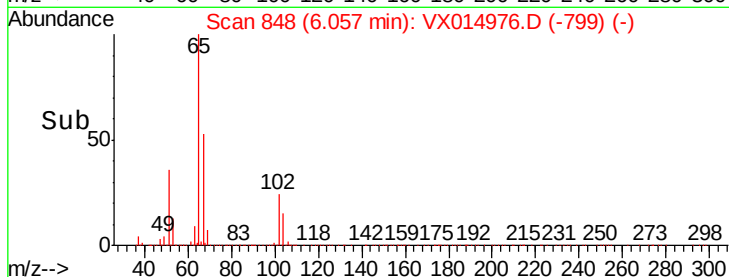
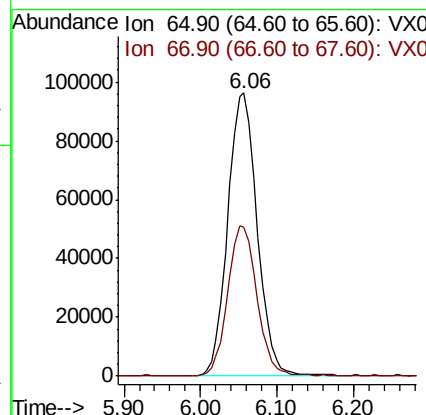
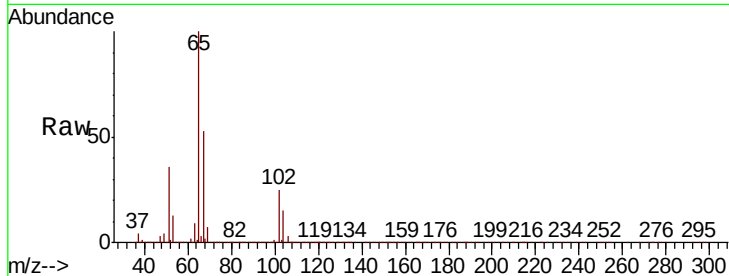




#33
 1,2-Dichloroethane-d4
 Concen: 49.107 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

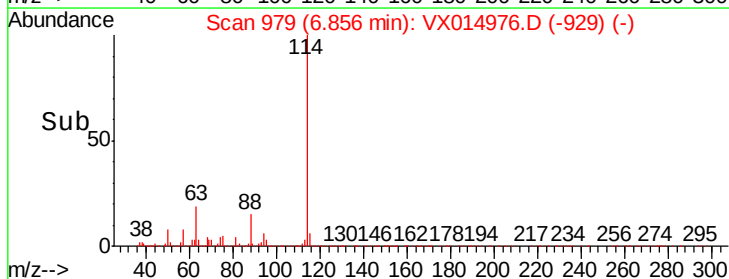
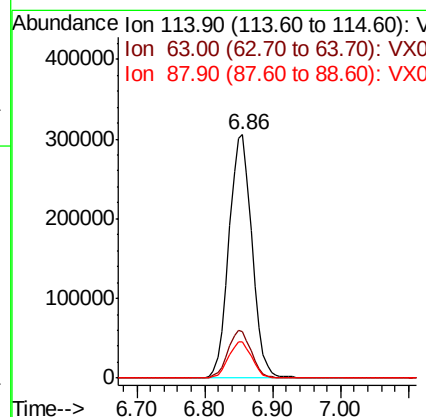
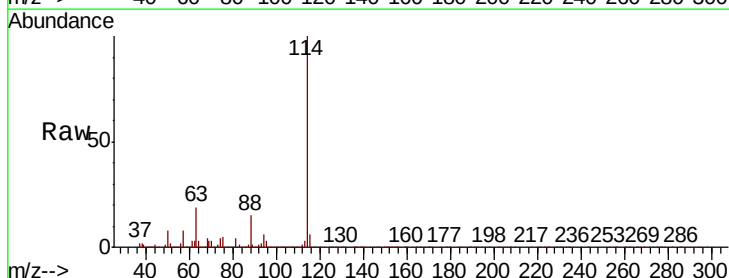
Instrument :
 MSVOA_X
 ClientSampled :

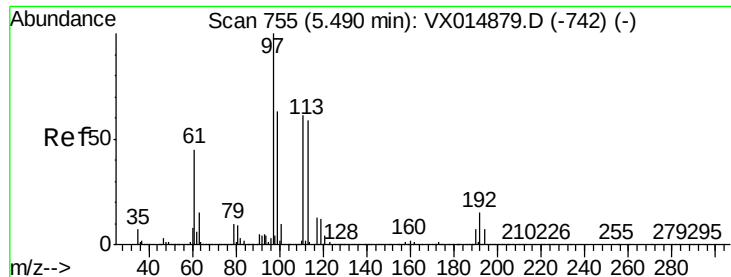
Tot Ion: 65 Resp: 254455
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

Tgt Ion: 114 Resp: 718412
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.044 ug/l

RT: 5.49 min Scan# 755

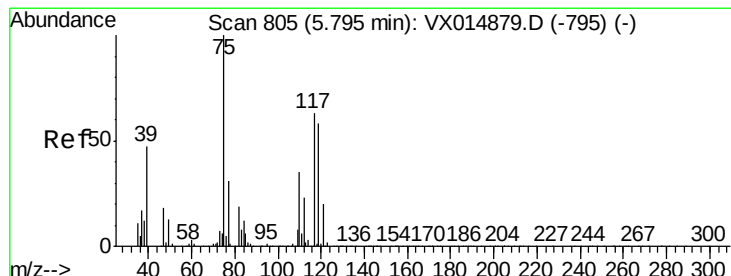
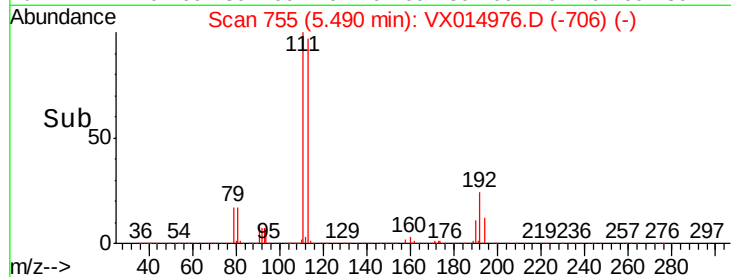
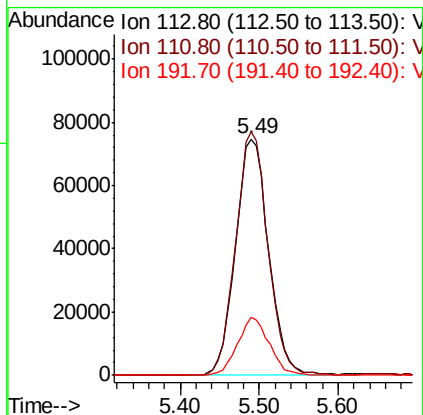
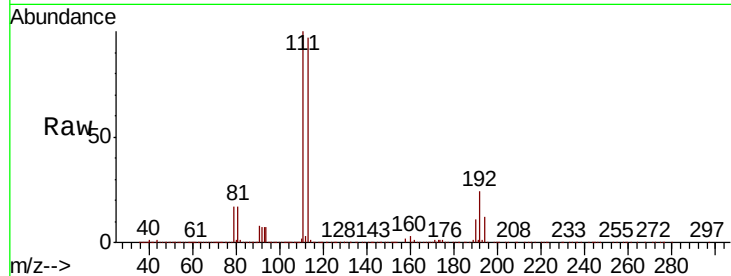
Delta R.T. -0.00 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	216611
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	23.5	19.1	28.7



#36

1,1-Dichloropropene

Concen: 4.909 ug/l

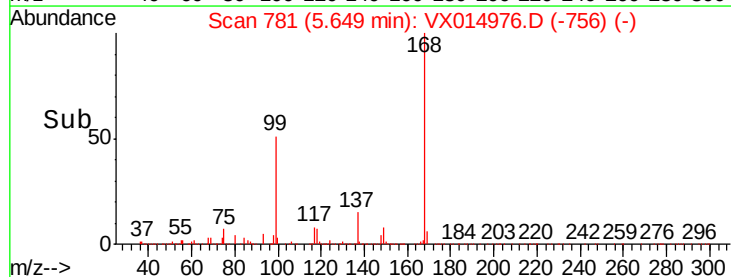
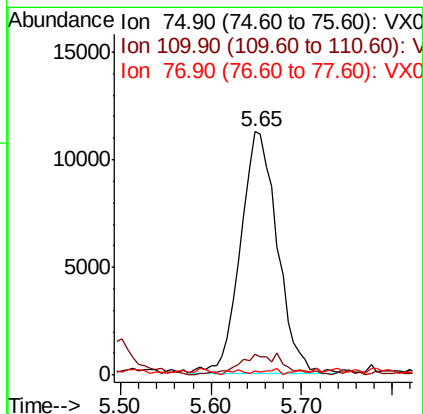
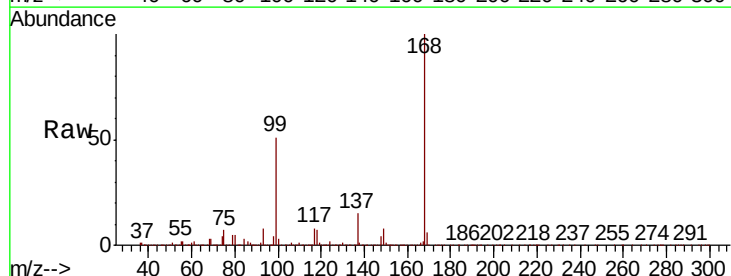
RT: 5.65 min Scan# 781

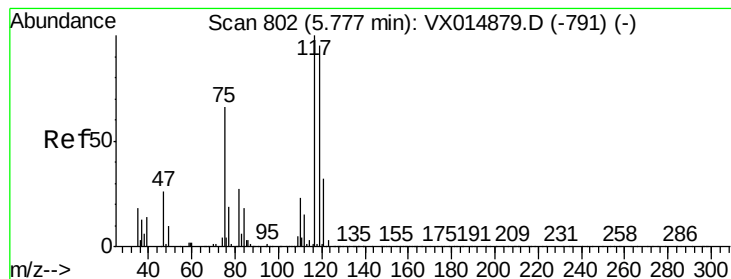
Delta R.T. -0.15 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

Tgt Ion:	75	Resp:	31549
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.8#
77	0.8	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.530 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampled :

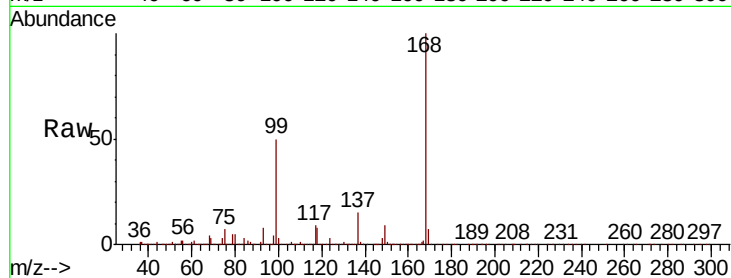
Tot Ion:117 Resp: 40898

Ion Ratio Lower Upper

117 100

119 4.3 76.0 114.0#

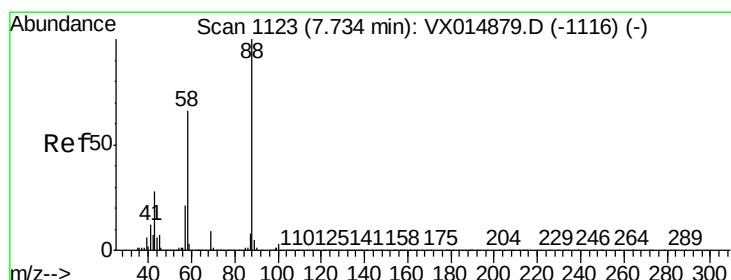
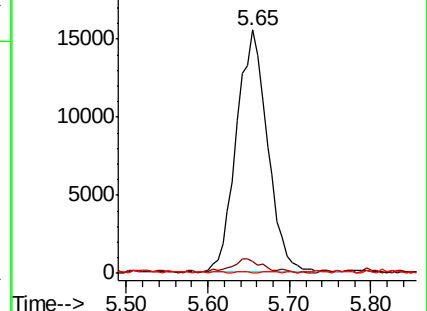
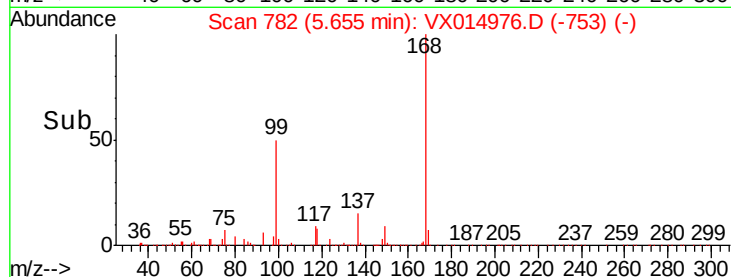
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 2.438 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014976.D

Acq: 20 Feb 2020 13:44

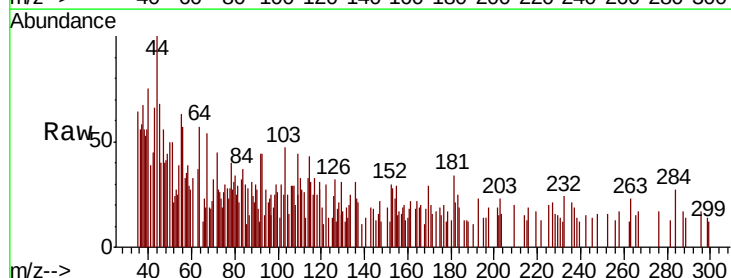
Tgt Ion: 88 Resp: 248

Ion Ratio Lower Upper

88 100

43 50.4 27.0 40.4#

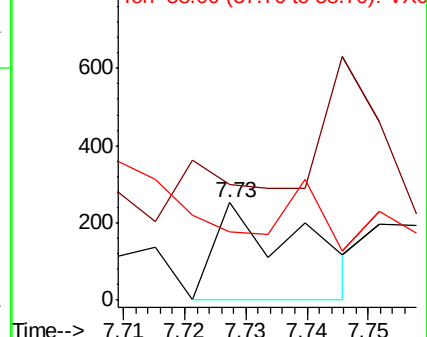
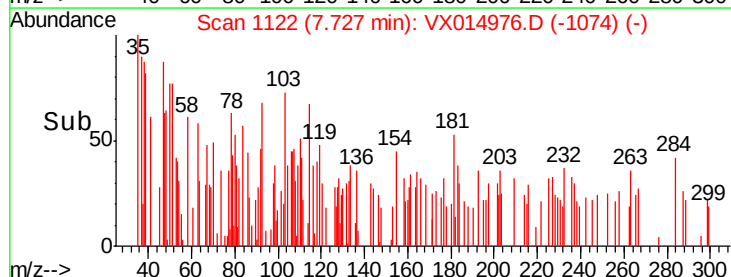
58 0.0 53.2 79.8#

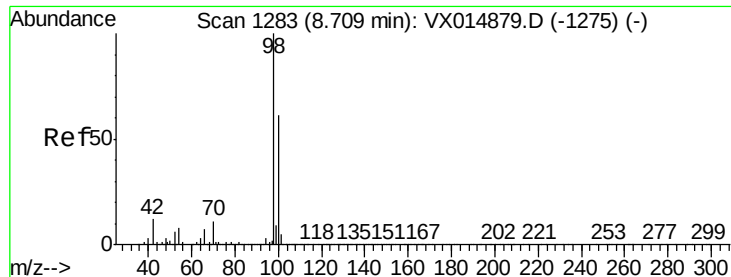


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

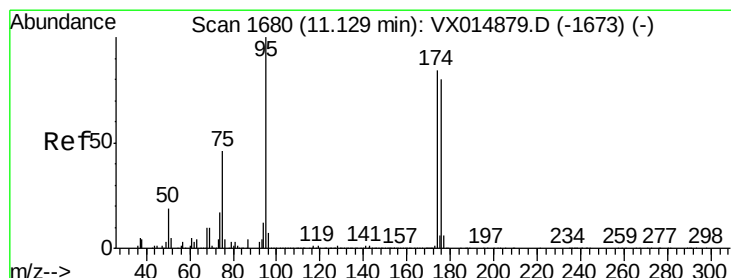
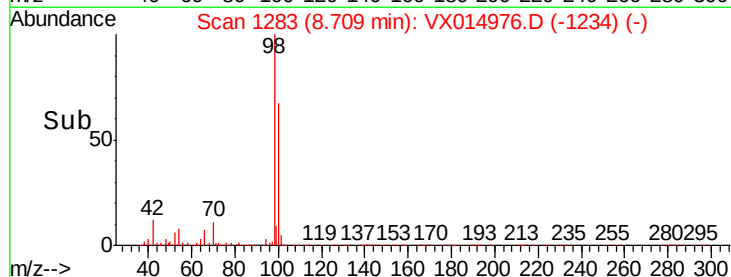
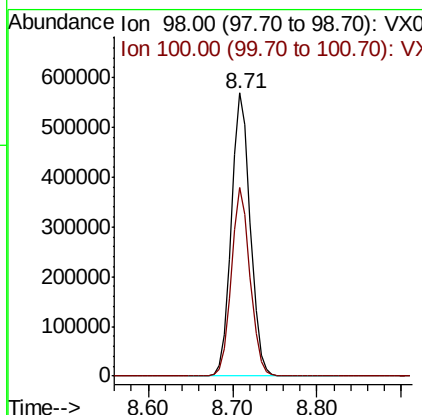
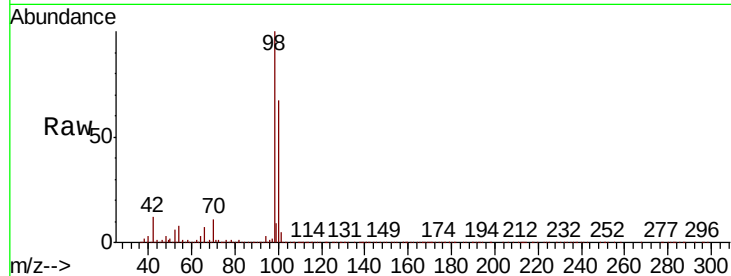




#50
Toluene-d8
Concen: 51.551 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

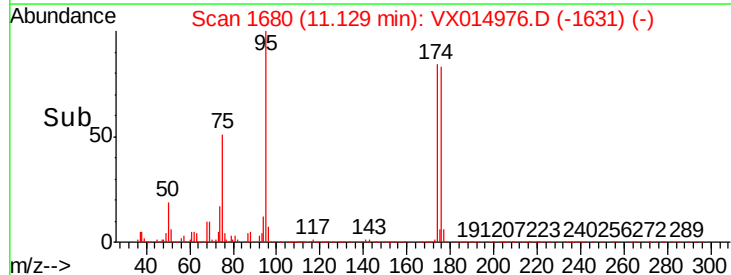
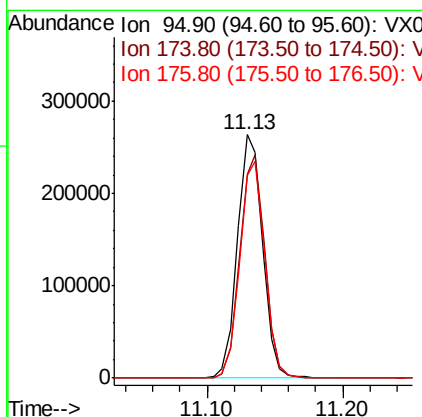
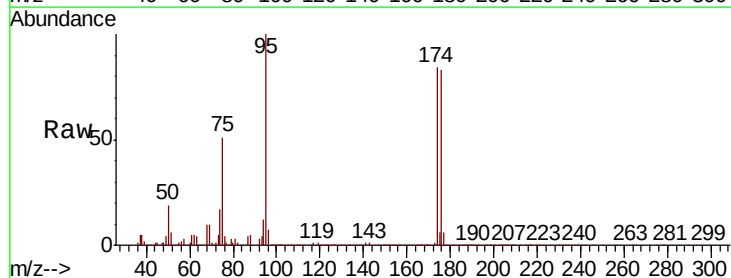
Instrument :
MSVOA_X
ClientSampled :

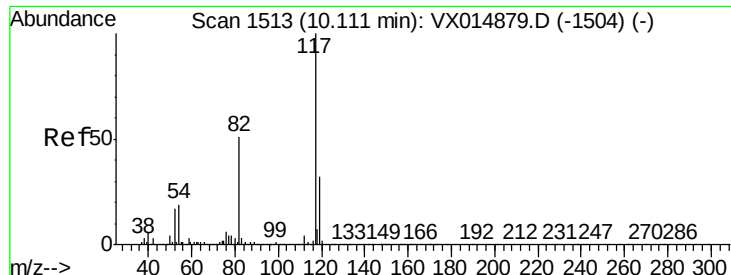
Tot Ion: 98 Resp: 869090
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.465 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Tgt Ion: 95 Resp: 336840
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.0
176 89.3 0.0 178.0

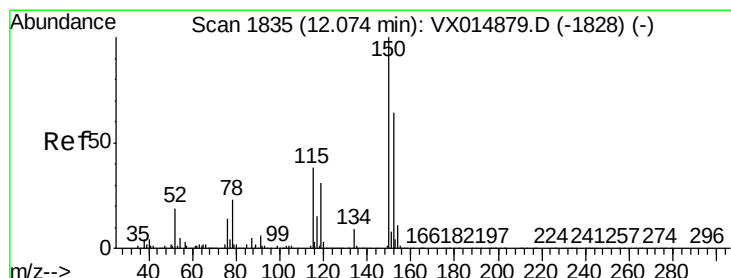
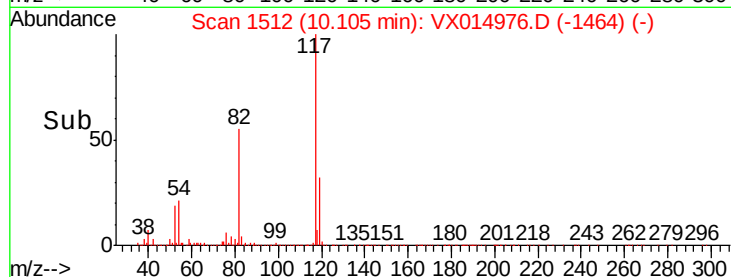
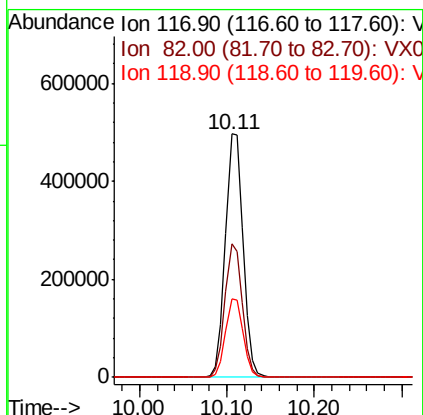
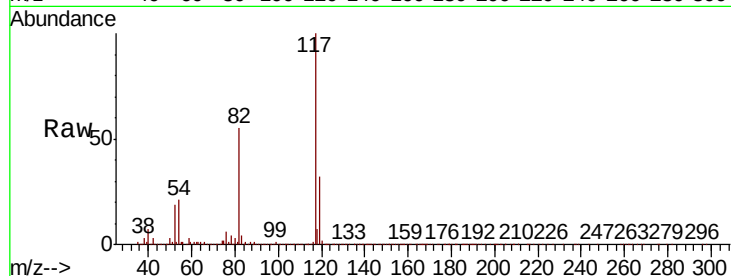




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

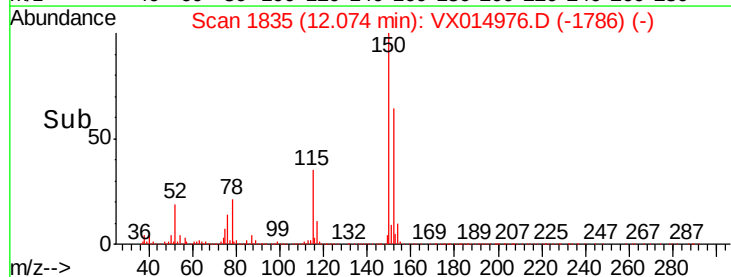
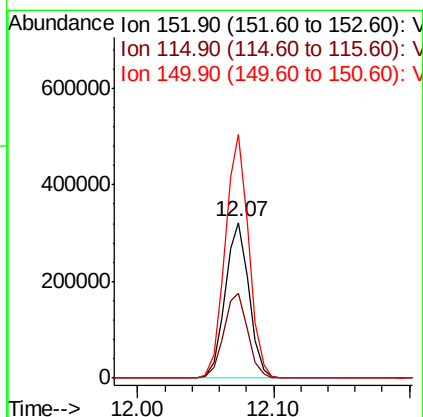
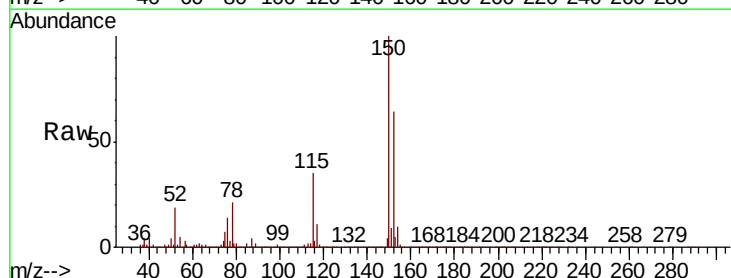
Instrument :
MSVOA_X
ClientSampleId :

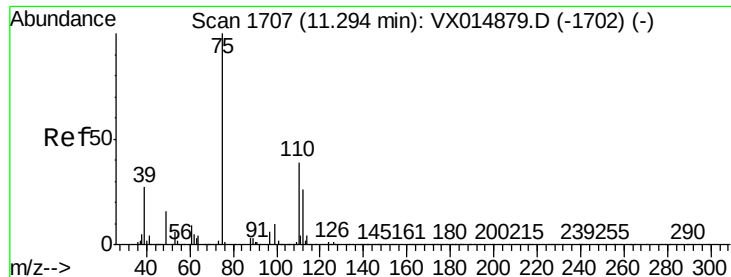
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.5	60.7
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.6	116.0
150	155.0	0.0	349.0

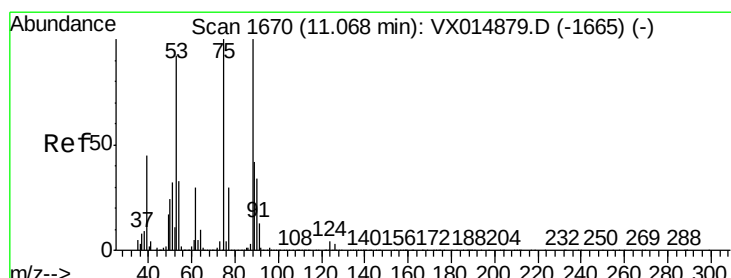
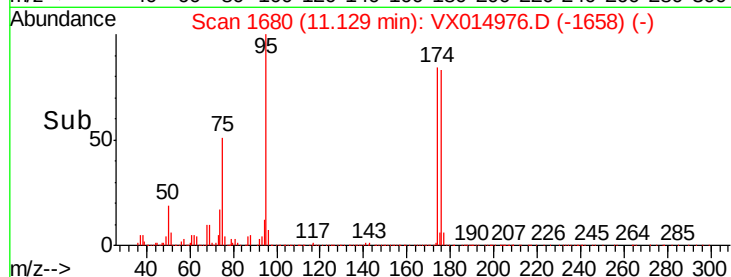
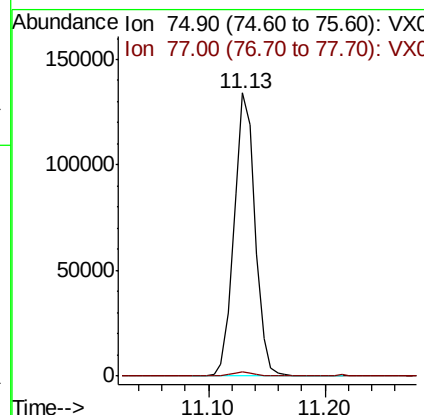
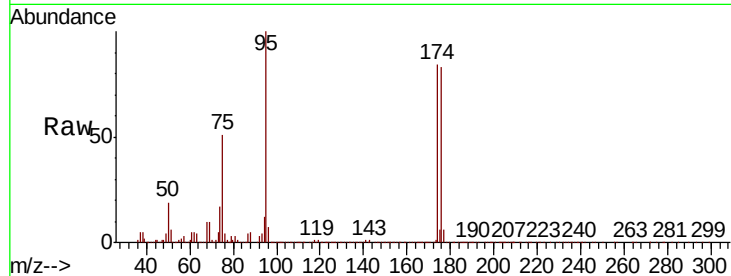




#76
 1,2,3-Trichloropropane
 Concen: 23.929 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

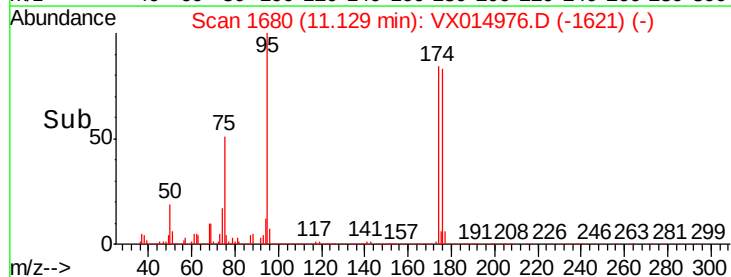
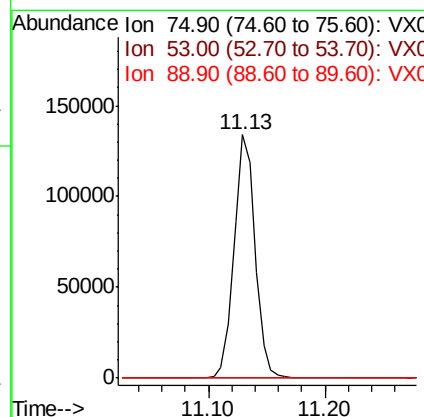
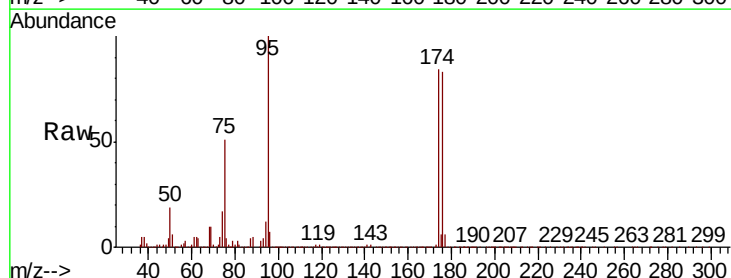
Instrument :
 MSVOA_X
 ClientSampled :

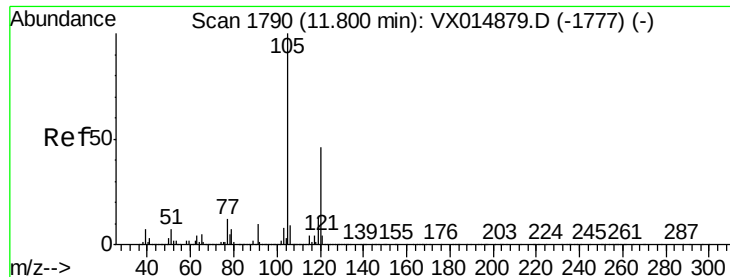
Tot Ion: 75 Resp: 167682
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.4 55.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.252 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

Tgt Ion: 75 Resp: 167682
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.2 114.2#
 89 0.1 35.8 53.6#

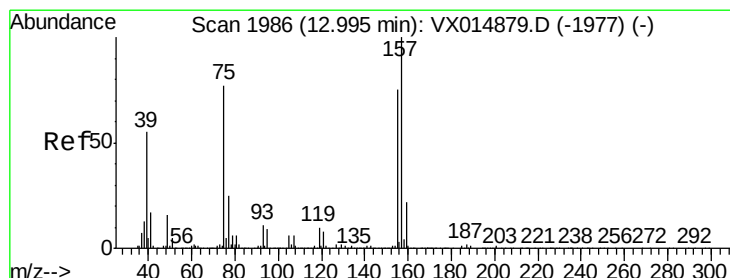
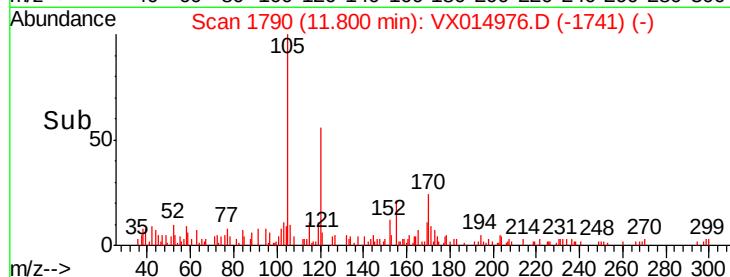
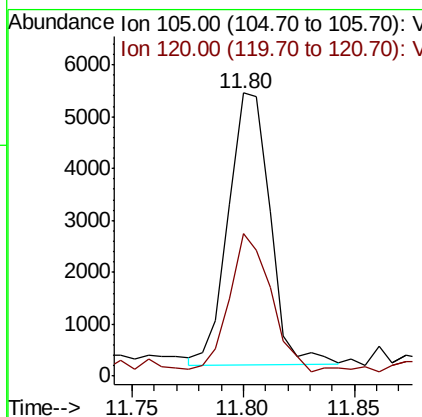
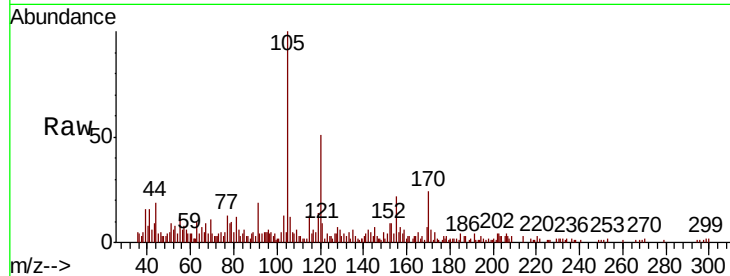




#84
 1,2,4-Trimethylbenzene
 Concen: 0.334 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

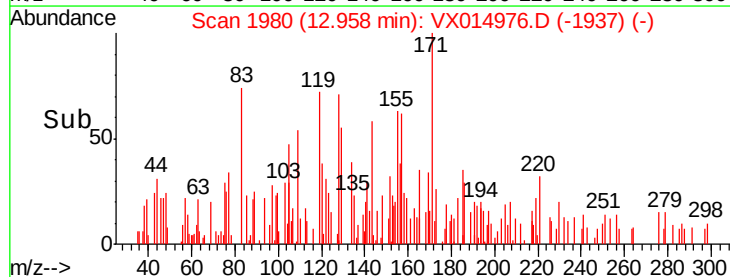
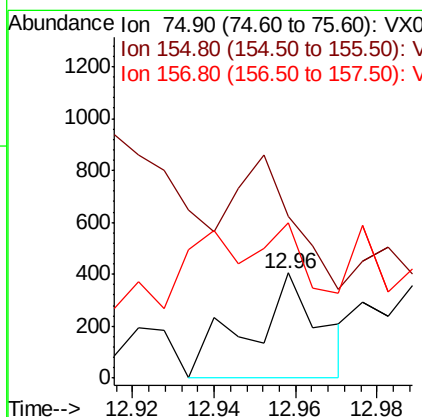
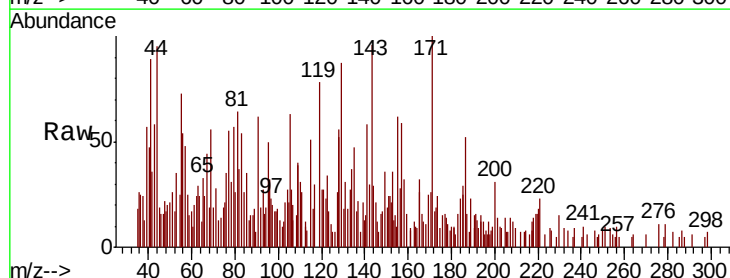
Instrument :
 MSVOA_X
 ClientSampleId :

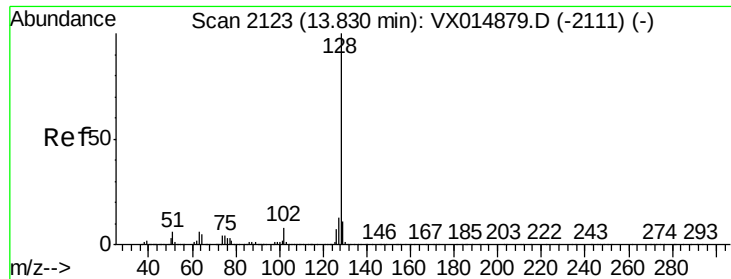
Tot Ion:105 Resp: 6827
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.0 69.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.262 ug/l
 RT: 12.96 min Scan# 1980
 Delta R.T. -0.04 min
 Lab File: VX014976.D
 Acq: 20 Feb 2020 13:44

Tgt Ion: 75 Resp: 489
 Ion Ratio Lower Upper
 75 100
 155 106.5 48.6 145.9
 157 77.5 62.0 186.0





#95
Naphthalene
Concen: 0.420 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014976.D
Acq: 20 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	19.2	8.6	13.0

