

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007016.D
 Acq On : 11 Jan 2019 16:23
 Operator : JC/SP
 Sample : K1125-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 11 22:20:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	608121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	875865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422396	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	318870	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	5.50	113	280969	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	1110815	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	394551	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	

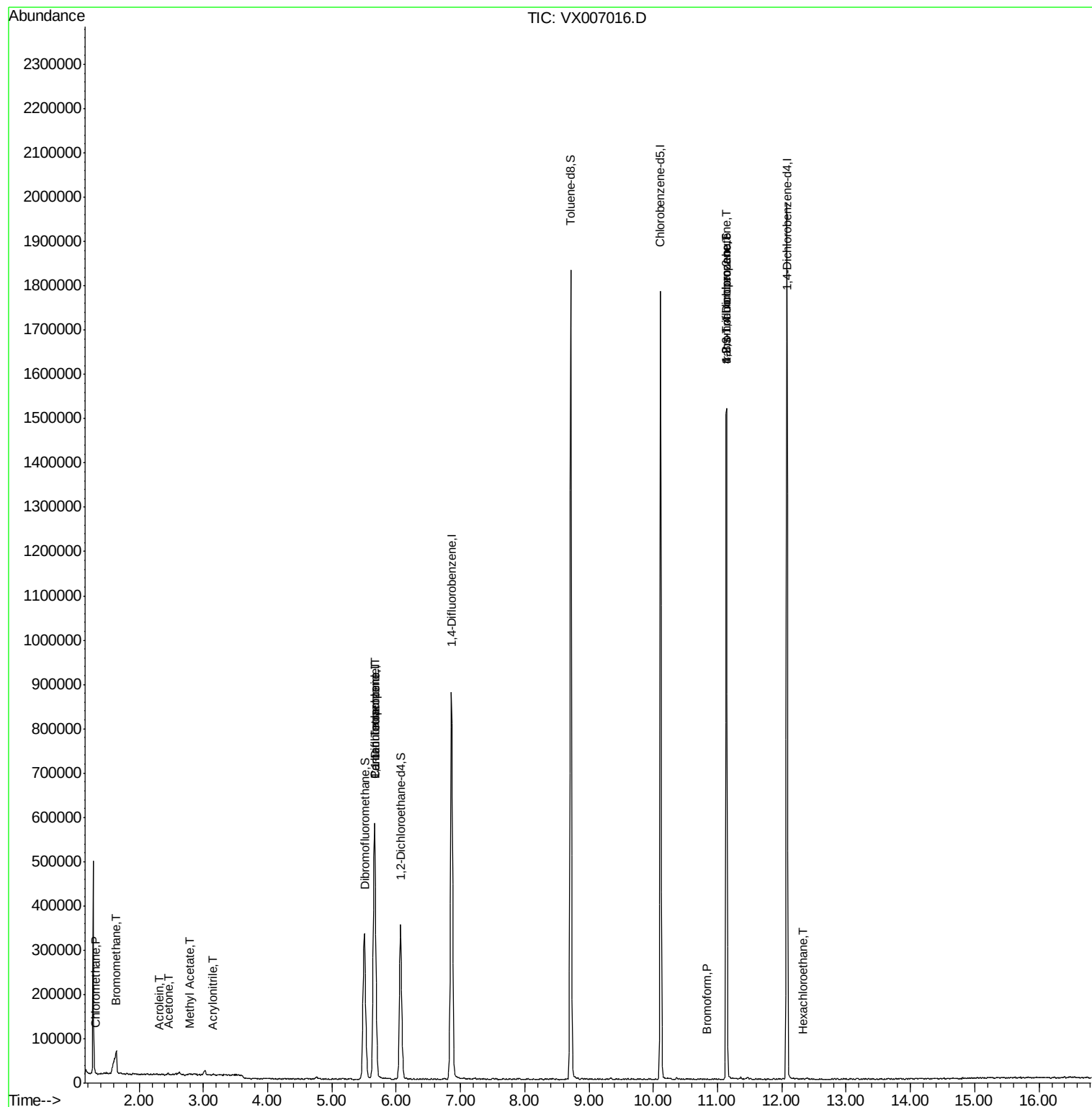
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1356	0.233	ug/l #	80
5) Bromomethane	1.64	94	3319	0.497	ug/l	99
13) Acrolein	2.31	56	371	3.651	ug/l	91
15) Acrylonitrile	3.14	53	1203	0.350	ug/l #	42
16) Acetone	2.45	43	3410	1.085	ug/l #	77
18) Methyl Acetate	2.78	43	3248	0.357	ug/l #	89
20) Methylene Chloride	2.86	84	1547	Below Cal	#	69
36) 1,1-Dichloropropene	5.66	75	38698	4.782	ug/l #	49
38) Carbon Tetrachloride	5.66	117	55471	6.813	ug/l #	14
49) 1,4-Dioxane	7.77	88	67	Below Cal	#	1
71) Bromoform	10.84	173	90	4.742	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	185391	21.659	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	185391	64.200	ug/l #	10
90) Hexachloroethane	12.33	117	102	2.931	ug/l	65

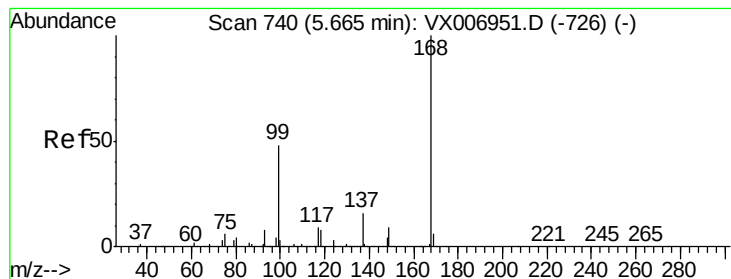
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
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STORAGE-BLANK-WATER-REF-5

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

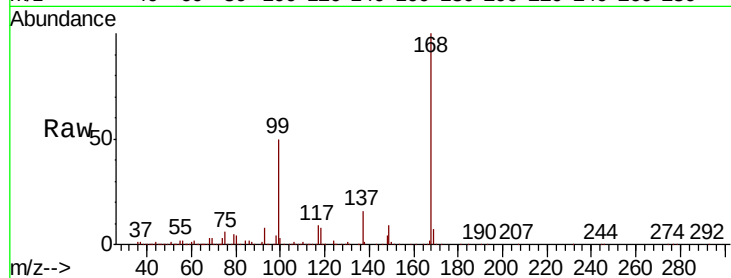
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 608121

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

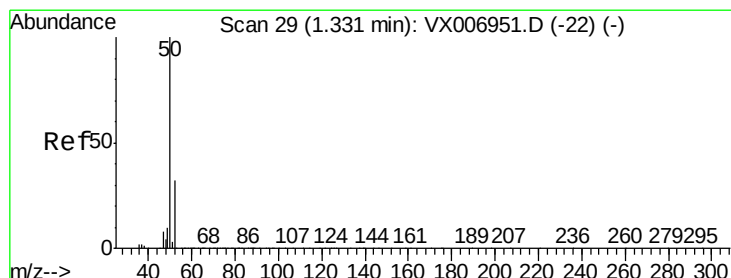
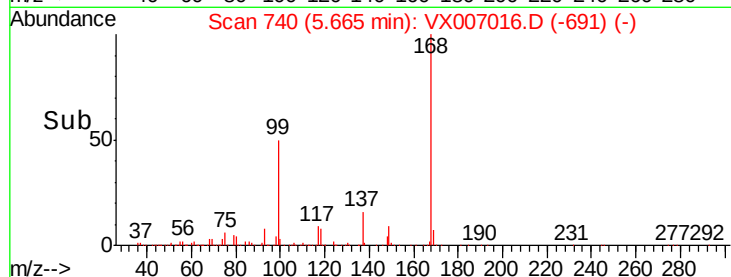
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.233 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007016.D

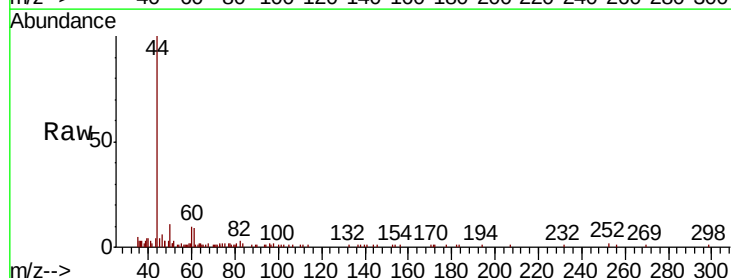
Acq: 11 Jan 2019 16:23

Tgt Ion: 50 Resp: 1356

Ion Ratio Lower Upper

50 100

52 20.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

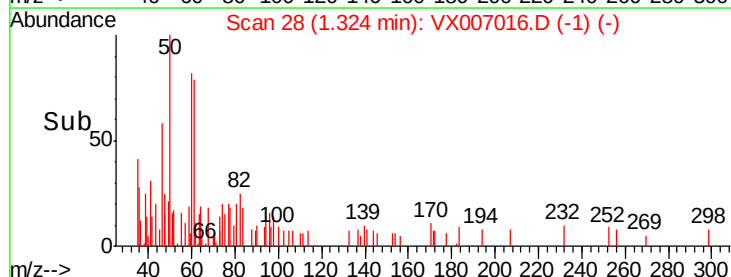
600

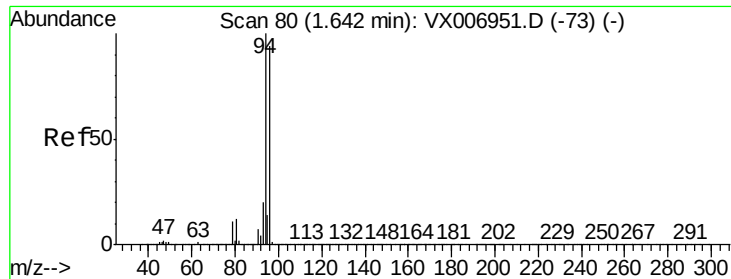
400

200

0

Time-->





#5

Bromomethane

Concen: 0.497 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

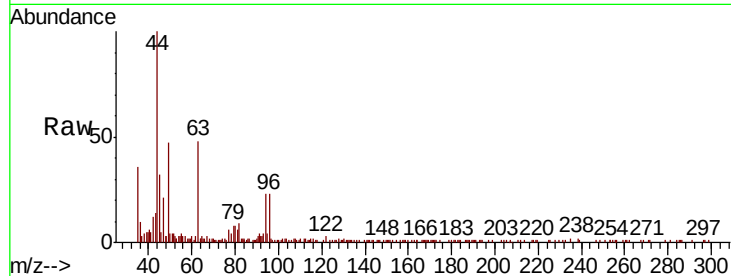
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 94 Resp: 3319

Ion Ratio Lower Upper

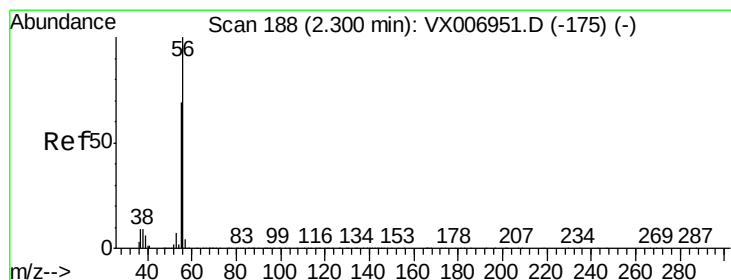
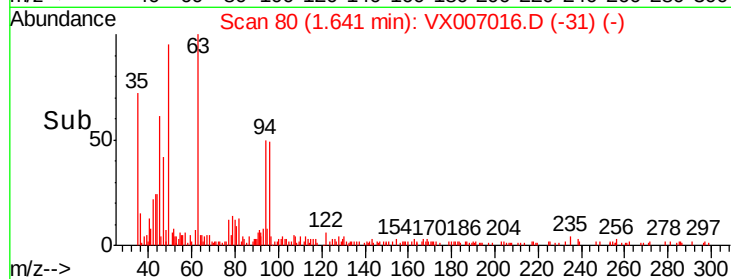
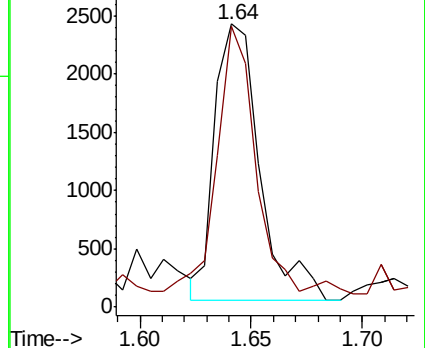
94 100

96 92.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: 3.651 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007016.D

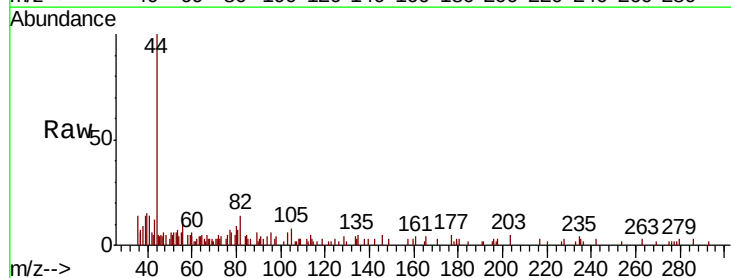
Acq: 11 Jan 2019 16:23

Tgt Ion: 56 Resp: 371

Ion Ratio Lower Upper

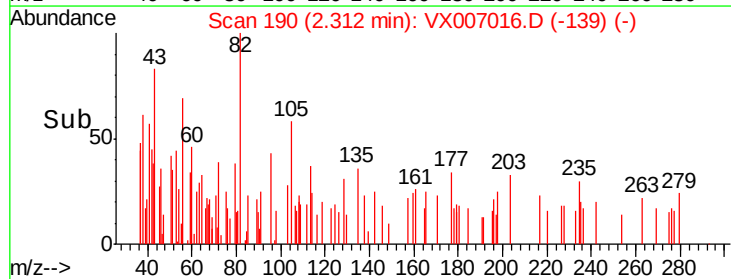
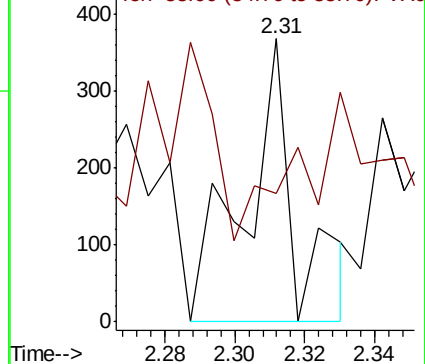
56 100

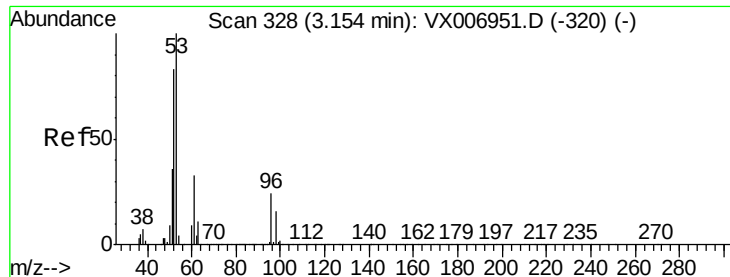
55 65.5 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.350 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

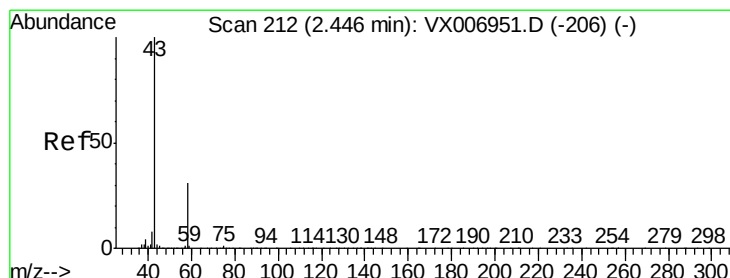
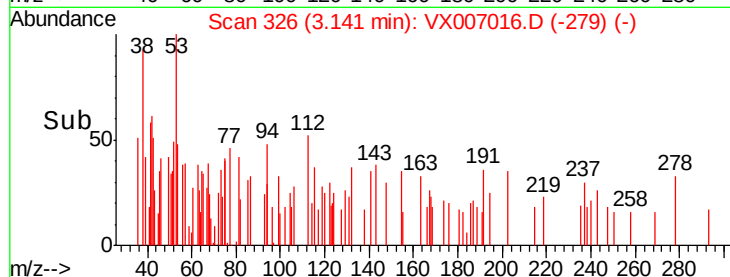
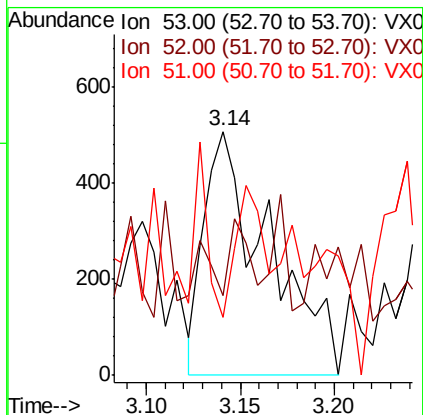
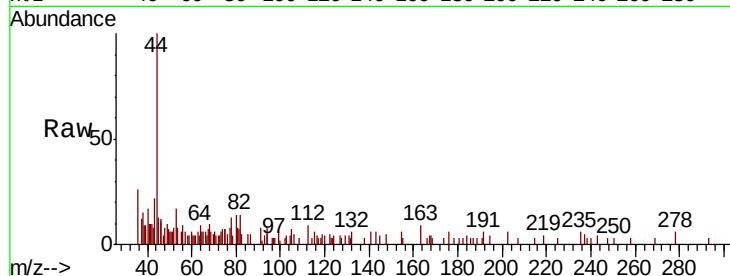
Tgt Ion: 53 Resp: 1203

Ion Ratio Lower Upper

53 100

52 14.7 66.0 99.0#

51 25.5 28.6 42.8#



#16

Acetone

Concen: 1.085 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007016.D

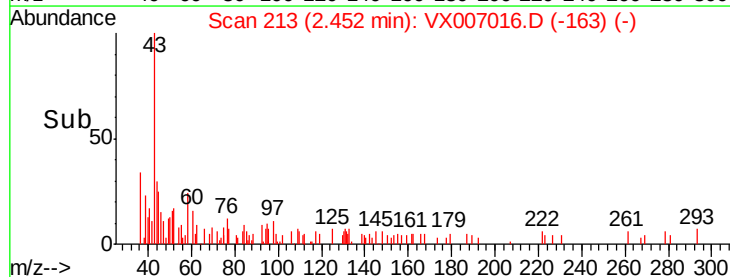
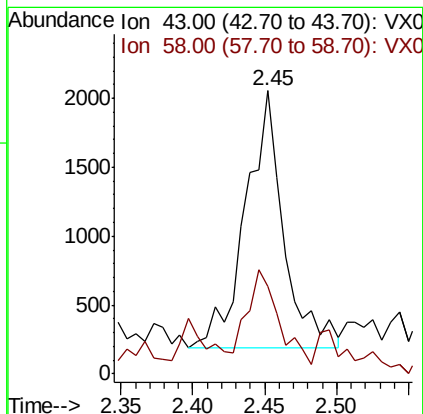
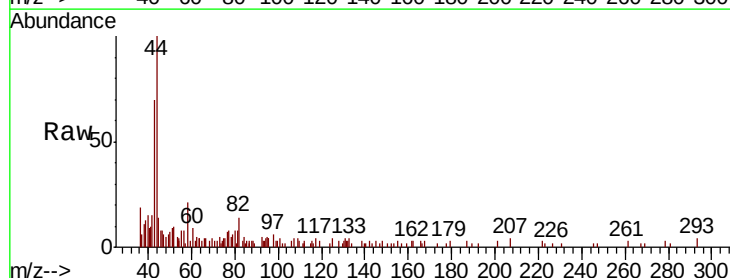
Acq: 11 Jan 2019 16:23

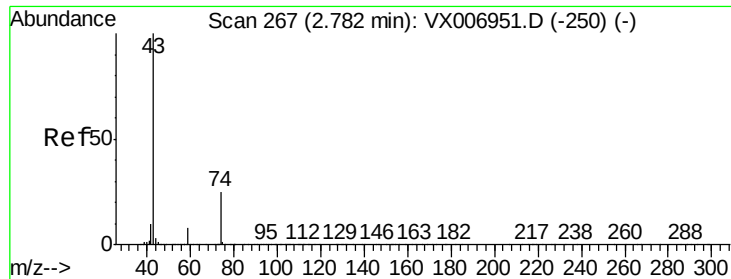
Tgt Ion: 43 Resp: 3410

Ion Ratio Lower Upper

43 100

58 18.8 25.0 37.6#

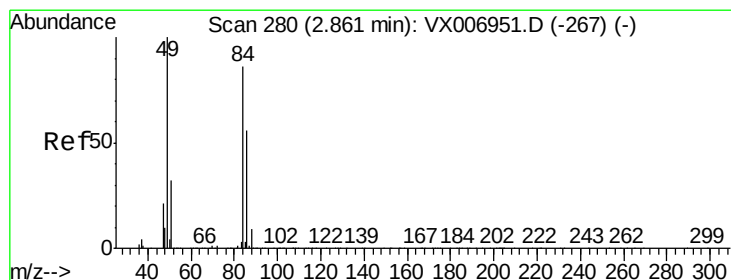
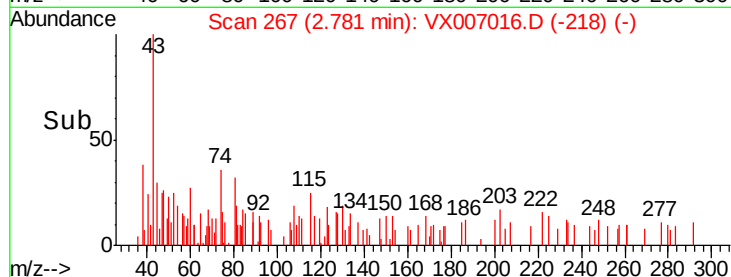
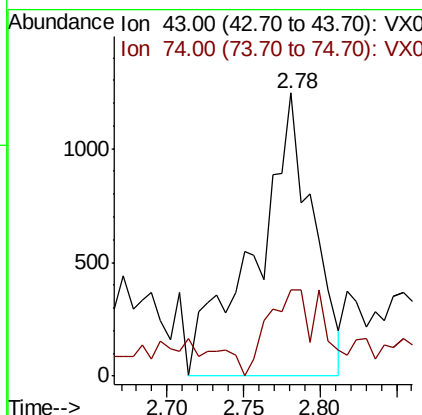
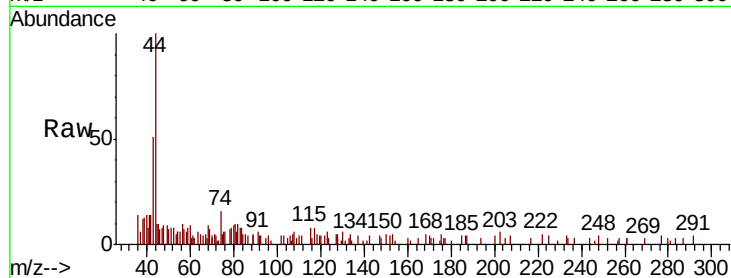




#18
Methyl Acetate
Concen: 0.357 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007016.D
Acq: 11 Jan 2019 16:23

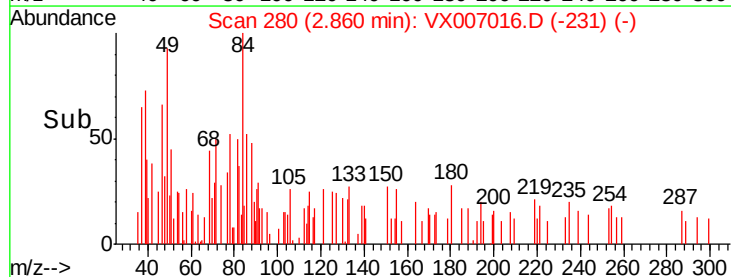
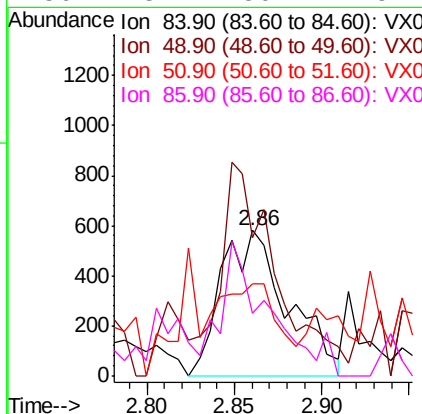
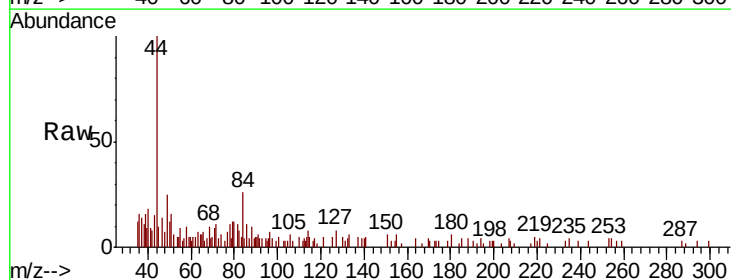
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

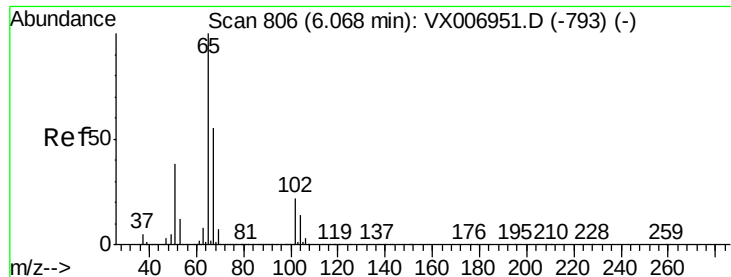
Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
74 28.6 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007016.D
Acq: 11 Jan 2019 16:23

Tgt Ion: 84 Resp: 1547
Ion Ratio Lower Upper
84 100
49 75.3 91.8 137.6#
51 22.3 28.5 42.7#
86 43.1 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 50.173 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

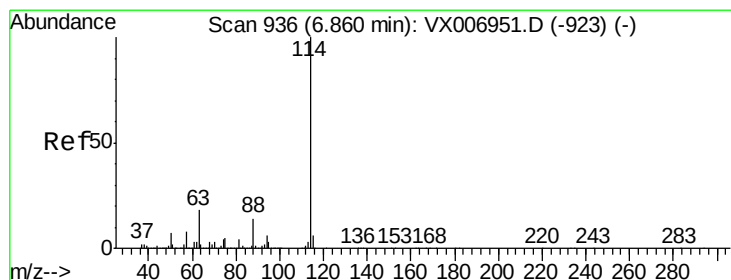
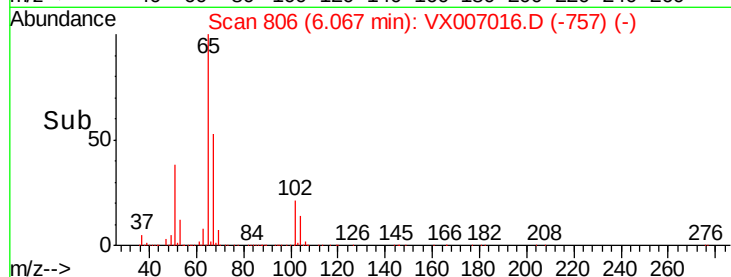
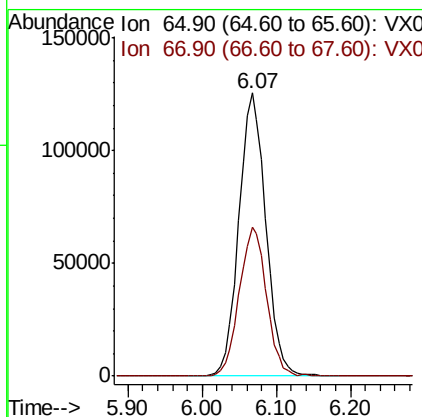
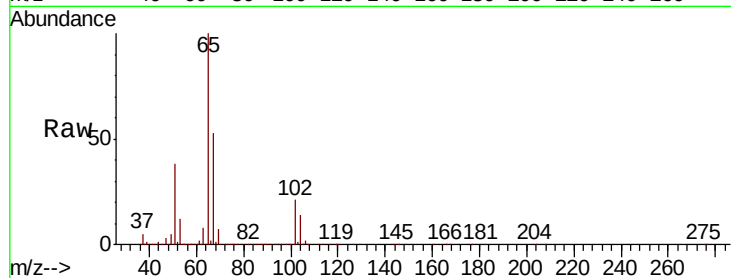
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 318870

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

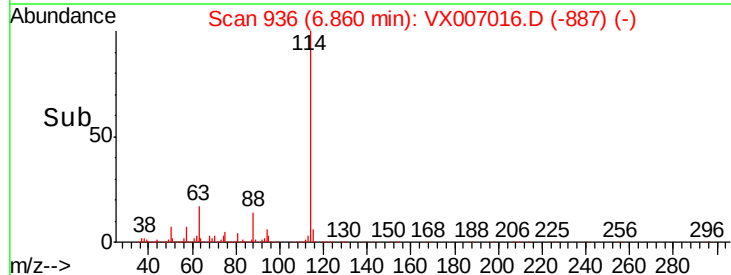
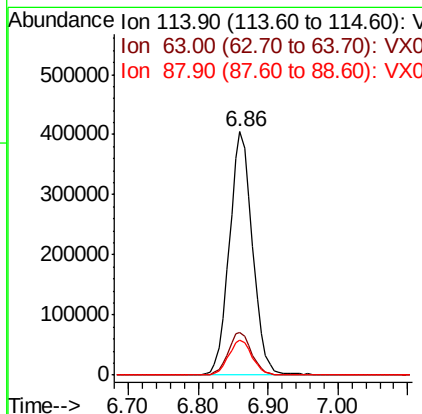
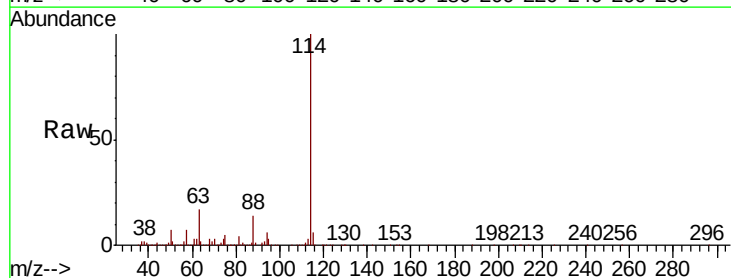
Tgt Ion: 114 Resp: 930751

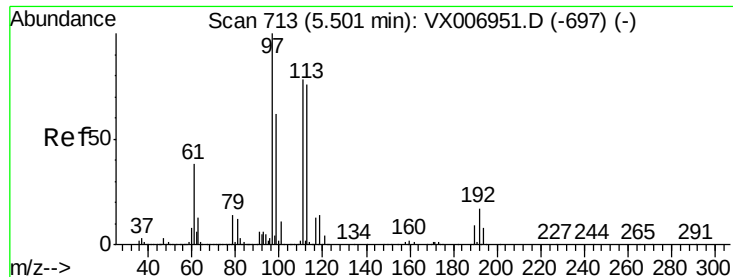
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.139 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

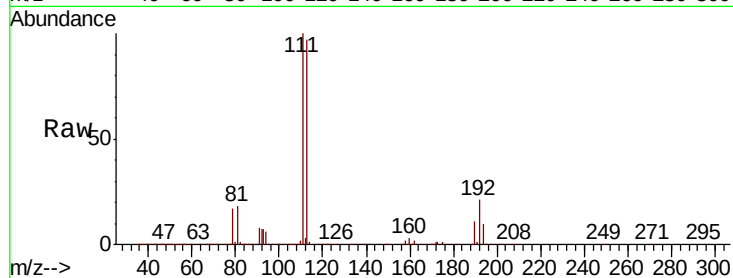
Tgt Ion:113 Resp: 280969

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

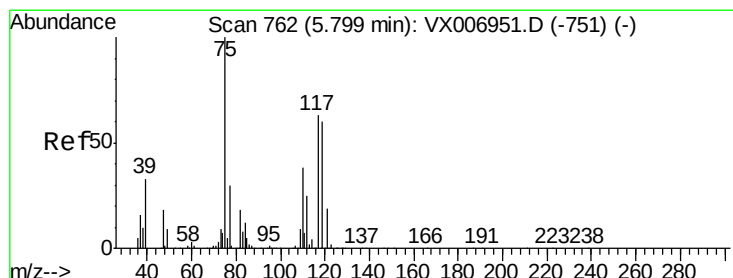
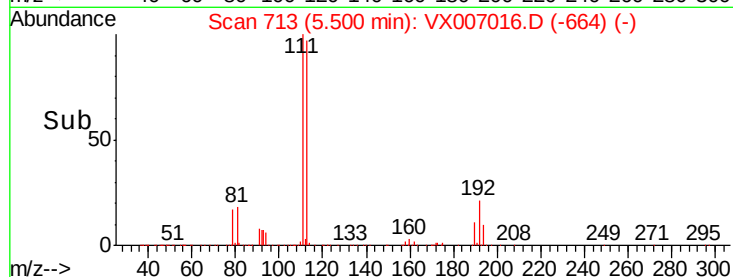
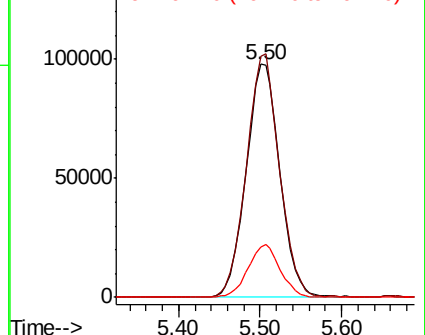
192 21.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.782 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

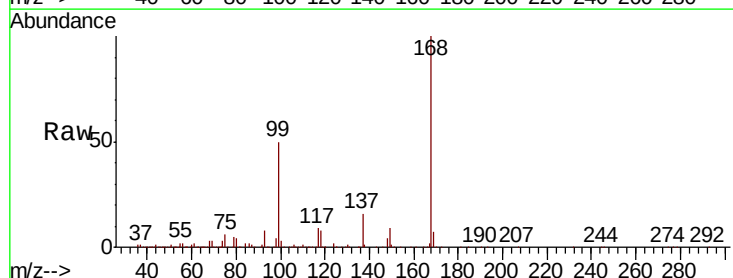
Tgt Ion: 75 Resp: 38698

Ion Ratio Lower Upper

75 100

110 11.0 20.2 60.5#

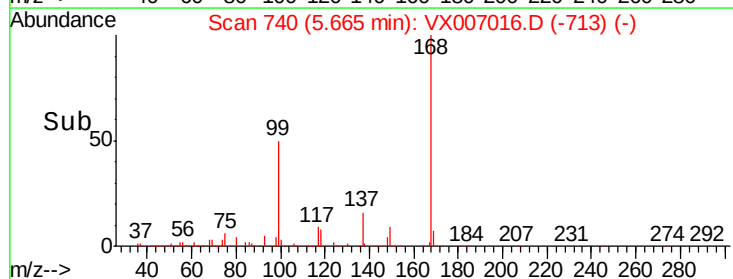
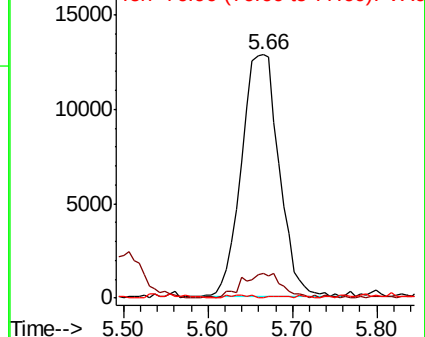
77 0.4 24.8 37.2#

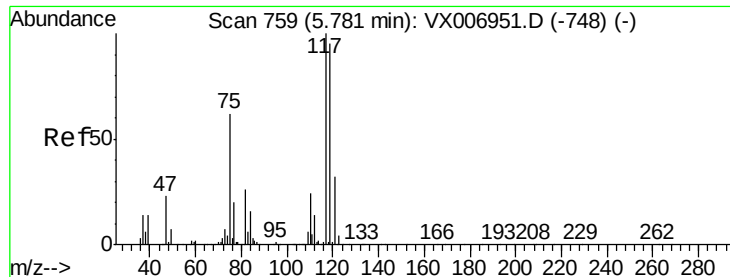


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.813 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

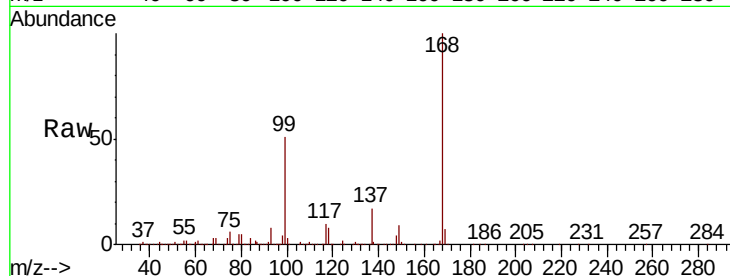
Tgt Ion: 117 Resp: 55471

Ion Ratio Lower Upper

117 100

119 4.1 79.4 119.2#

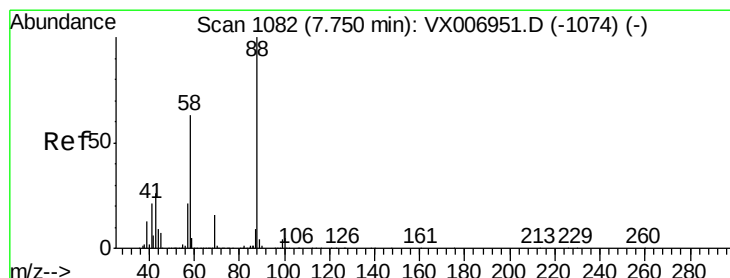
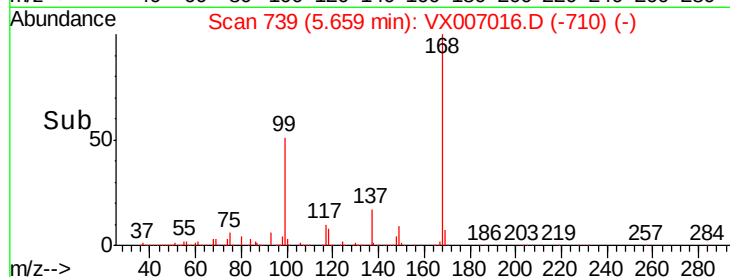
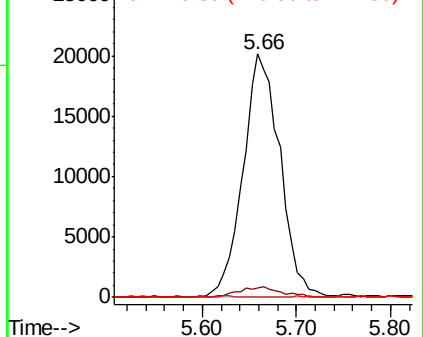
121 0.0 24.0 36.0#



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: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

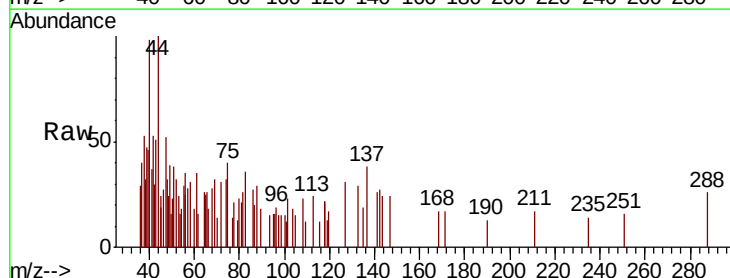
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

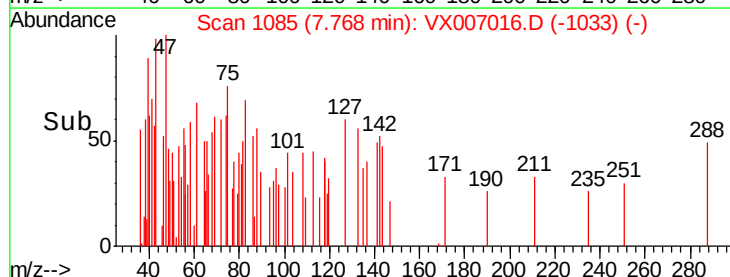
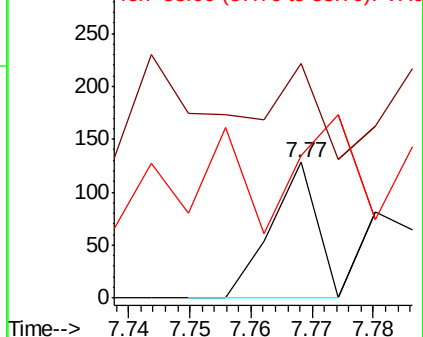
58 300.0 51.0 76.4#

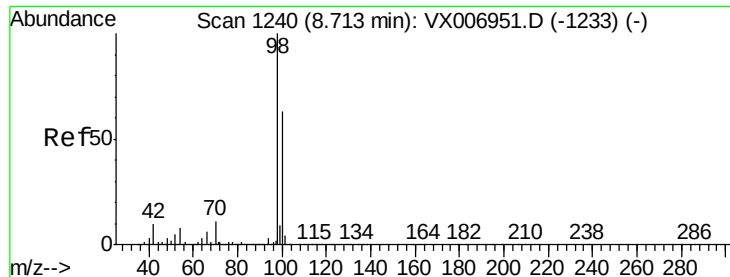


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.915 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

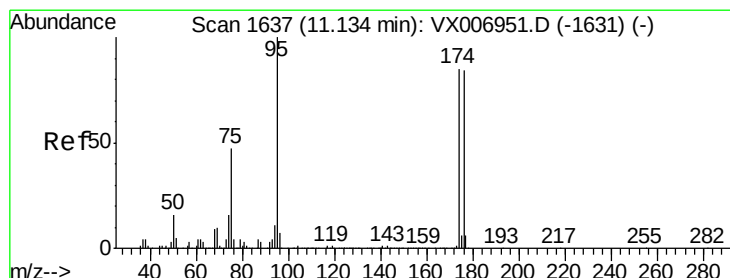
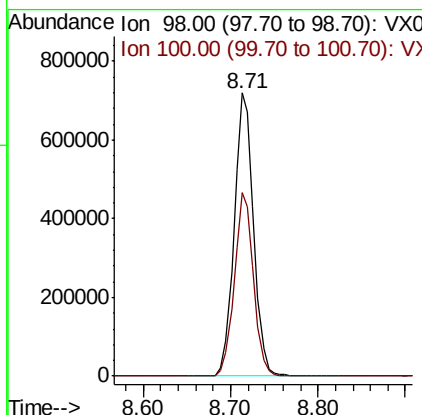
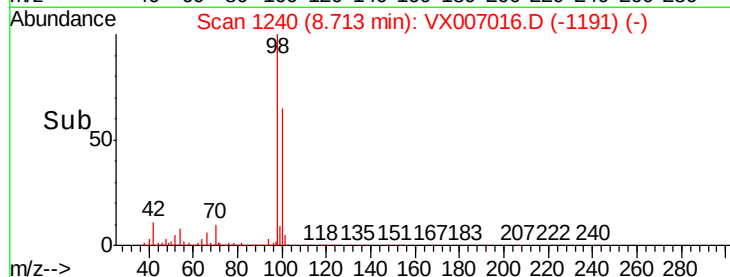
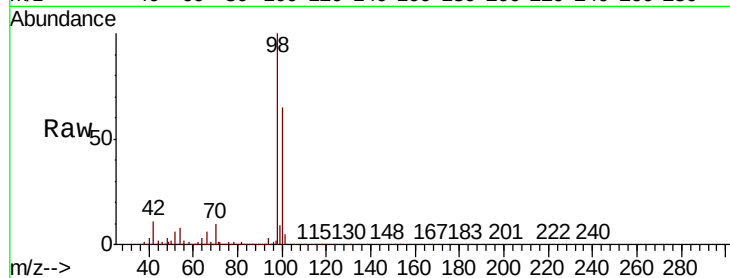
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 1110815

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.874 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

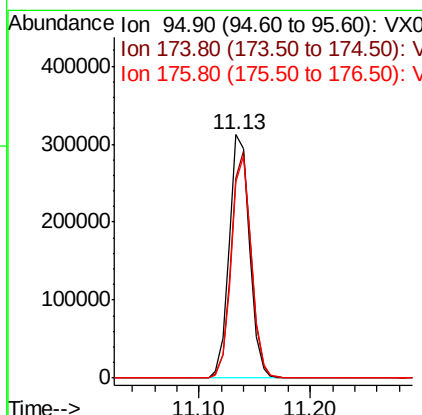
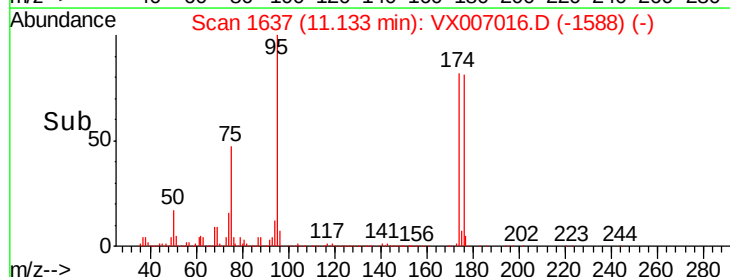
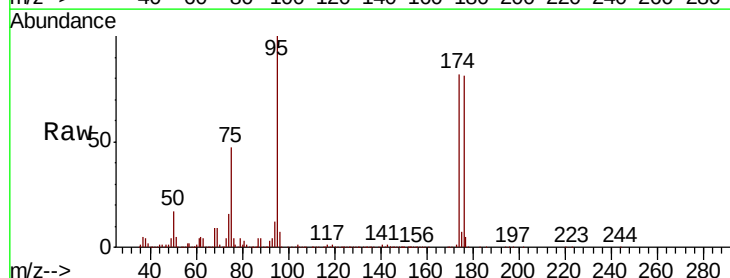
Tgt Ion: 95 Resp: 394551

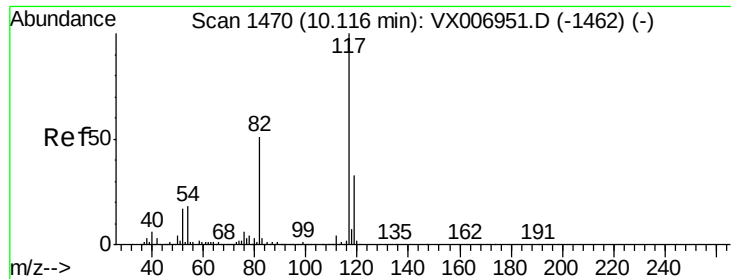
Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

176 89.7 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

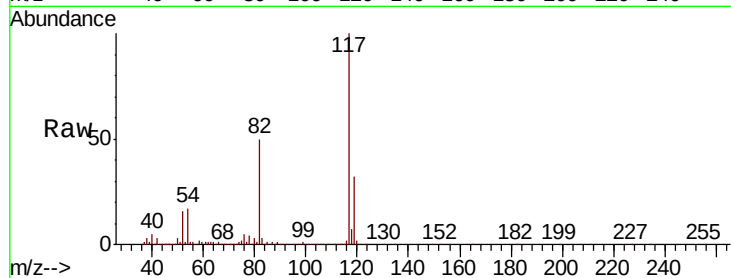
Tgt Ion:117 Resp: 875865

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

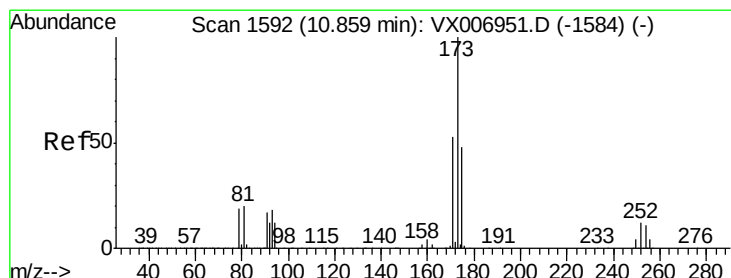
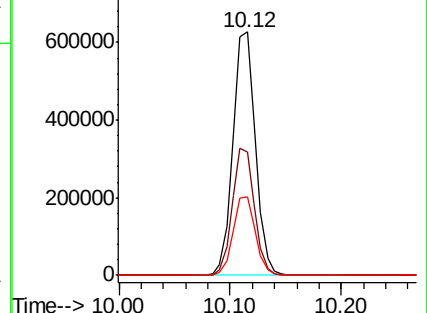
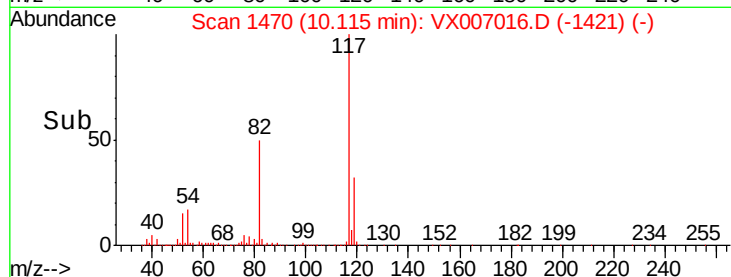
119 32.4 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 4.742 ug/l

RT: 10.84 min Scan# 1589

Delta R.T. -0.02 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

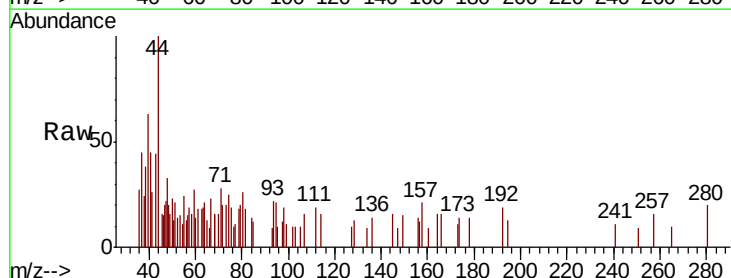
Tgt Ion:173 Resp: 90

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

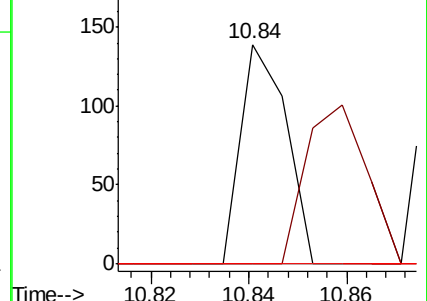
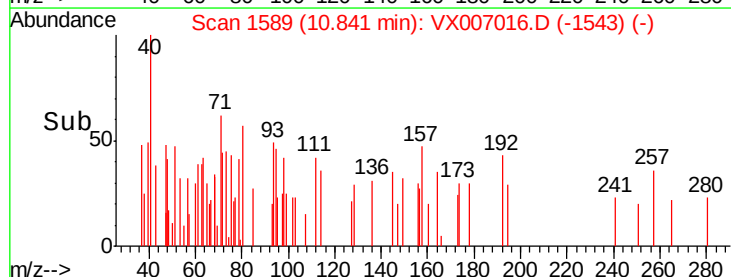
254 0.0 0.2 0.2#

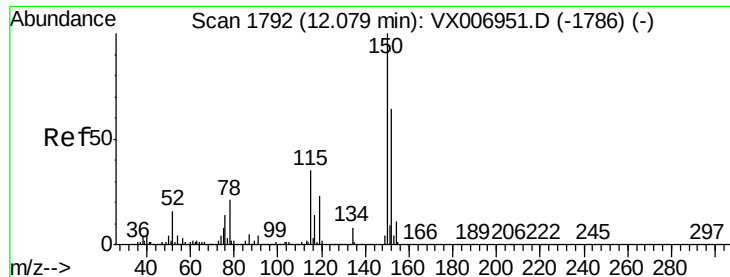


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



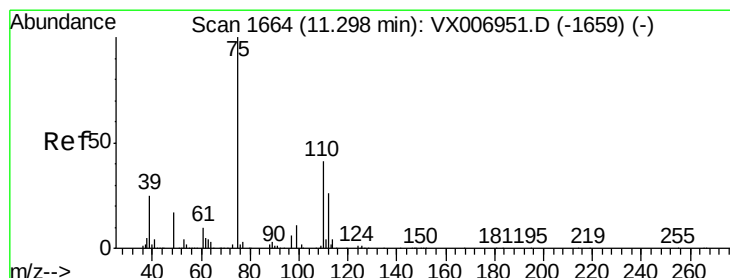
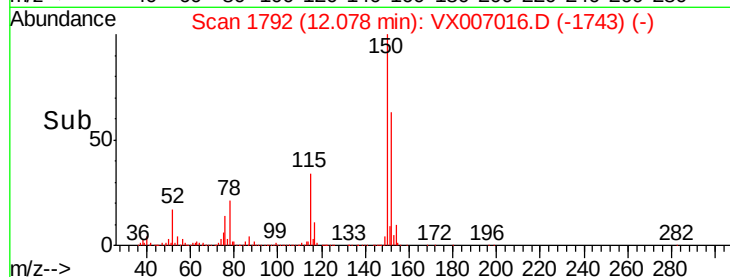
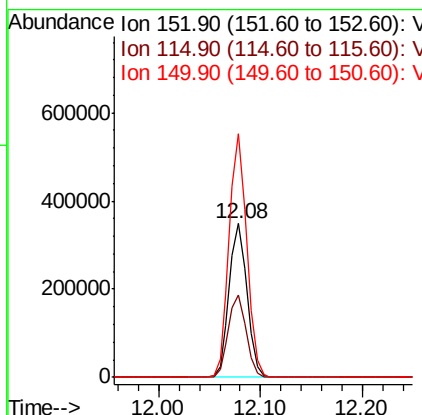
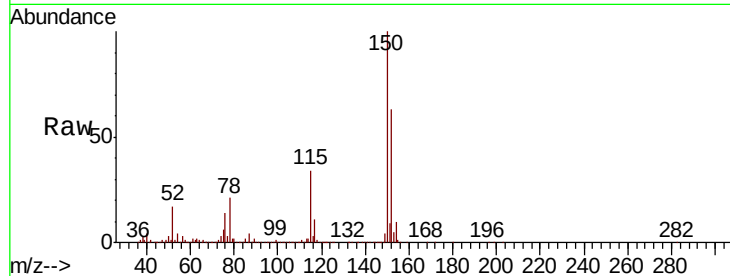


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007016.D
Acq: 11 Jan 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

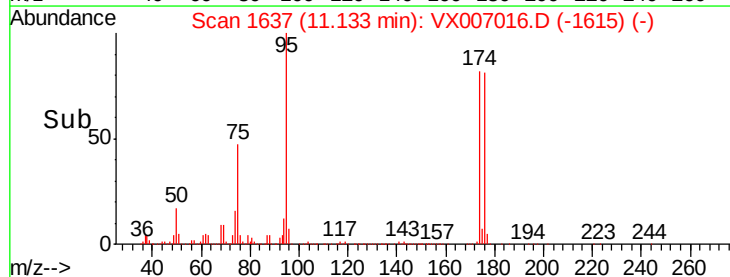
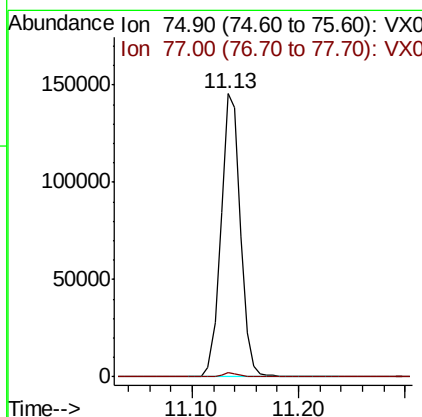
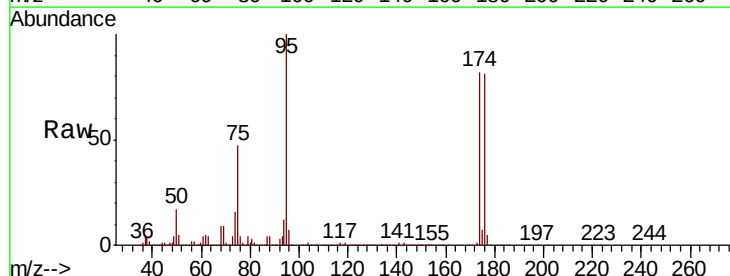
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.1	117.2
150	156.4	0.0	344.8

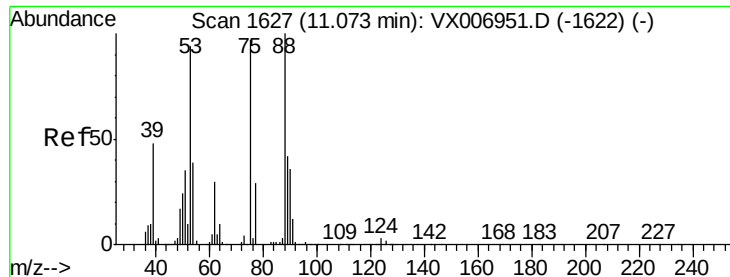


#76

1,2,3-Trichloropropane
Concen: 21.659 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.17 min
Lab File: VX007016.D
Acq: 11 Jan 2019 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.200 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007016.D

Acq: 11 Jan 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

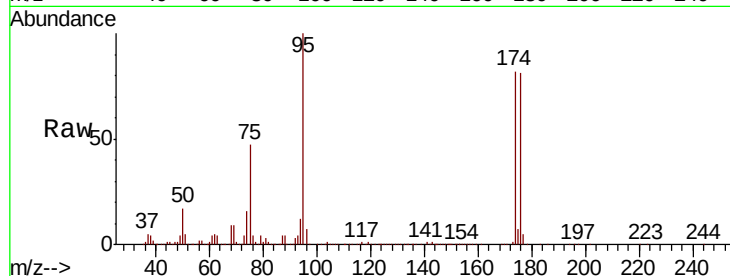
Tgt Ion: 75 Resp: 185391

Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

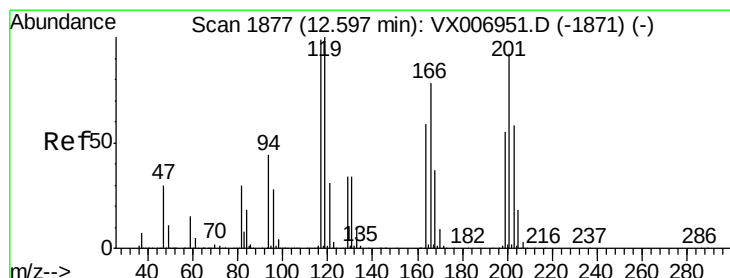
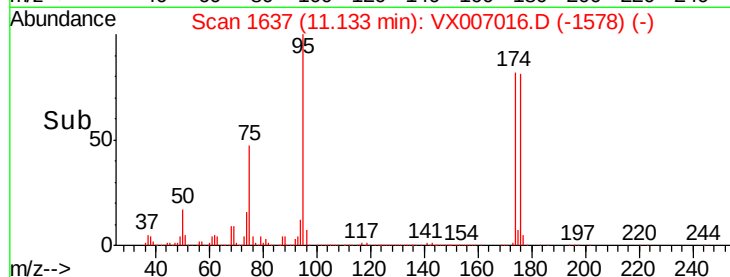
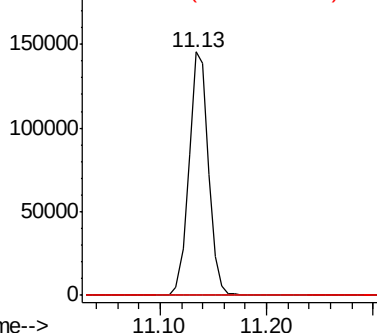
89 0.3 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#90

Hexachloroethane

Concen: 2.931 ug/l

RT: 12.33 min Scan# 1833

Delta R.T. -0.27 min

Lab File: VX007016.D

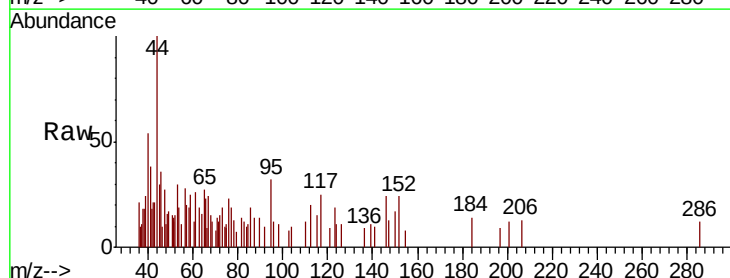
Acq: 11 Jan 2019 16:23

Tgt Ion: 117 Resp: 102

Ion Ratio Lower Upper

117 100

201 53.9 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

