

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
 Data File : VX007582.D
 Acq On : 18 Feb 2019 12:25
 Operator : JC/SP
 Sample : K1507-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 19 04:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	761508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	704764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	335282	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	270086	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	251788	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	907708	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.13	95	311962	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

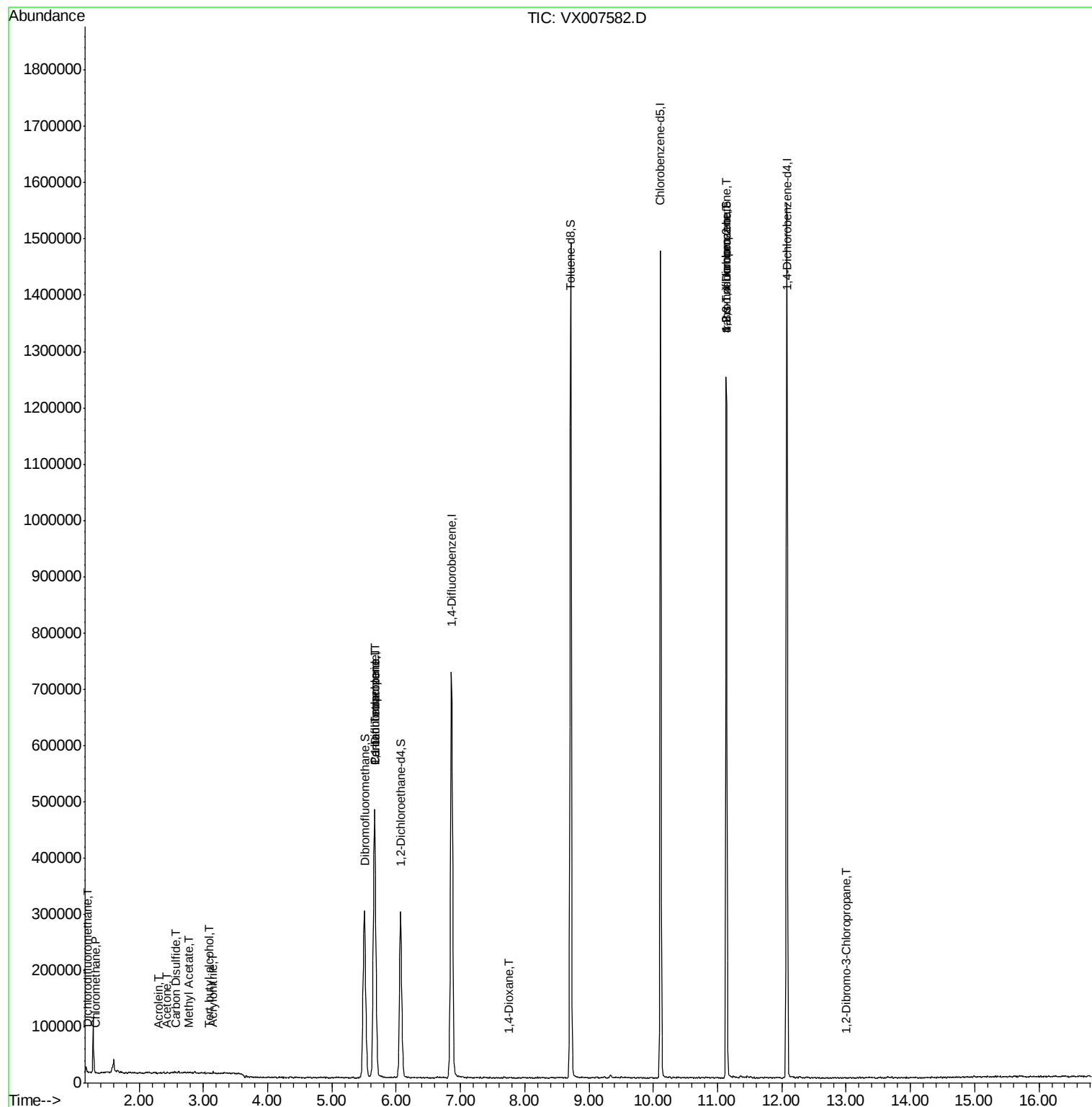
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	447	0.252	ug/l	86
3) Chloromethane	1.33	50	1204	0.220	ug/l #	66
5) Bromomethane	1.65	94	1066	Below Cal	#	77
11) Tert butyl alcohol	3.09	59	243	0.228	ug/l #	73
13) Acrolein	2.30	56	228	0.456	ug/l #	14
15) Acrylonitrile	3.15	53	860	0.326	ug/l #	77
16) Acetone	2.44	43	1395	0.591	ug/l	99
17) Carbon Disulfide	2.57	76	1586	2.246	ug/l #	54
18) Methyl Acetate	2.78	43	2468	0.990	ug/l	94
36) 1,1-Dichloropropene	5.66	75	30601	4.479	ug/l #	49
38) Carbon Tetrachloride	5.67	117	42645	6.433	ug/l #	18
49) 1,4-Dioxane	7.76	88	98	7.681	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	152870	23.440	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	152870	70.553	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.01	75	412	0.285	ug/l #	1

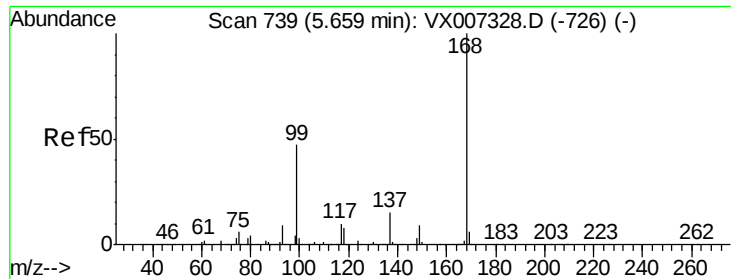
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

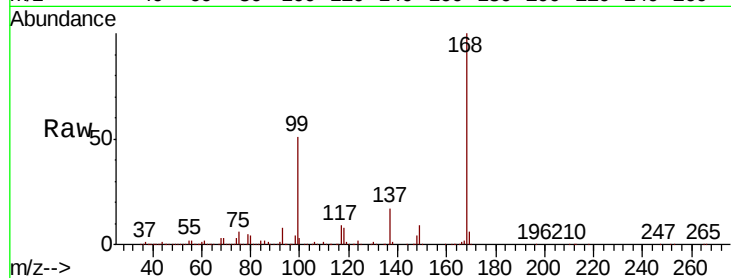
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 485582

Ion Ratio Lower Upper

168 100

99 50.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX007582.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX007582.D (-690) (-)

5.67

200000

150000

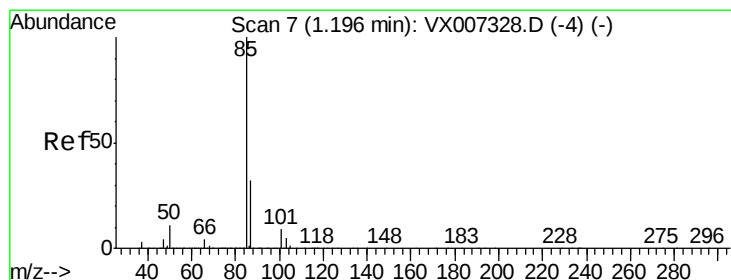
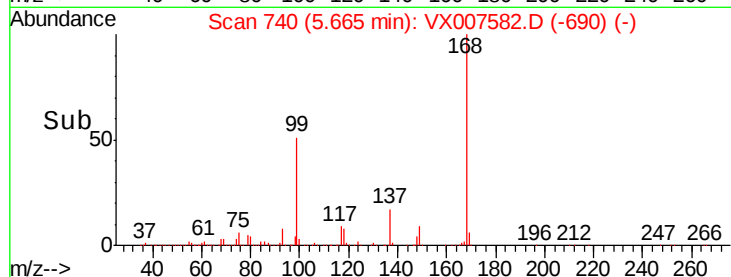
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.252 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007582.D

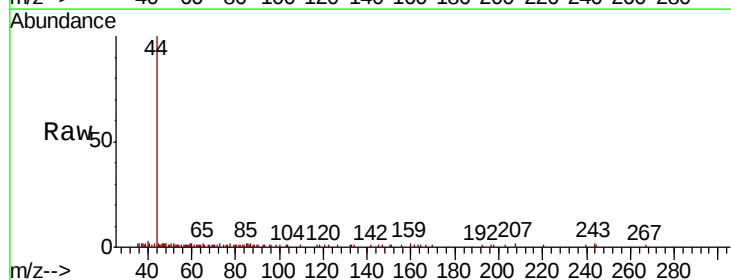
Acq: 18 Feb 2019 12:25

Tgt Ion: 85 Resp: 447

Ion Ratio Lower Upper

85 100

87 23.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX007582.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX007582.D (-1) (-)

1.20

400

300

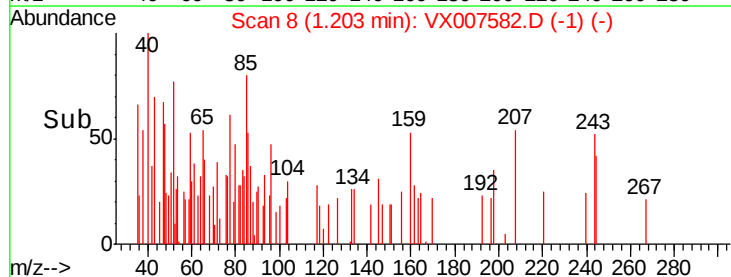
200

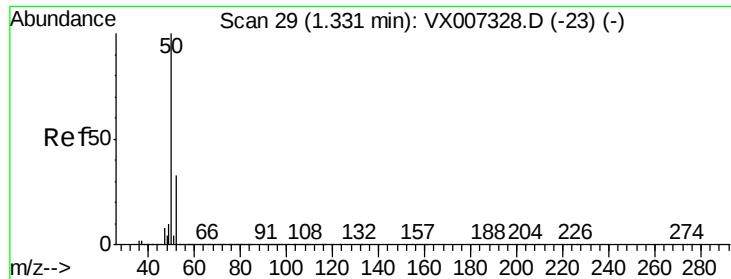
100

0

Time-->

1.18 1.20 1.22 1.24

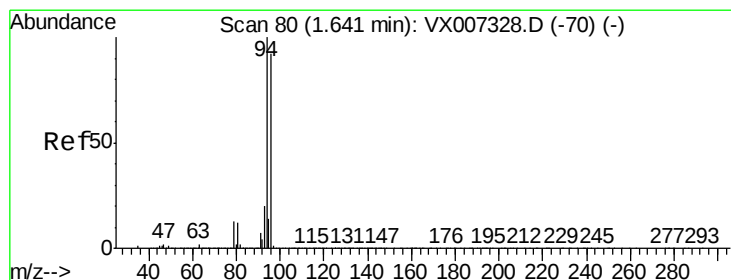
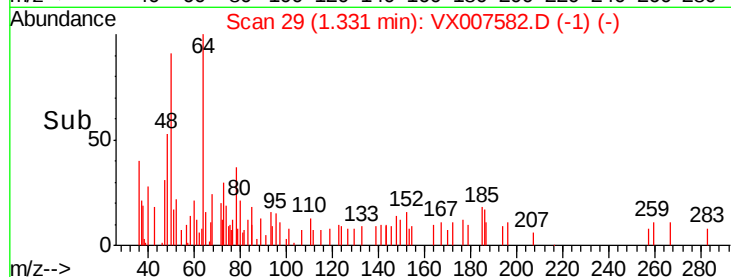
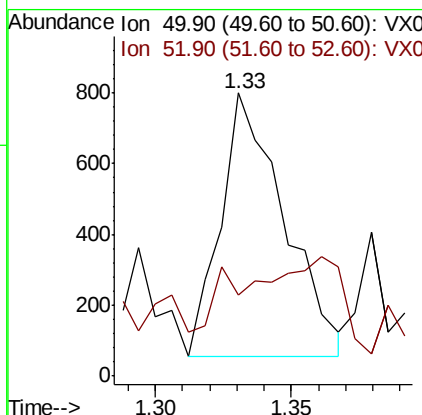
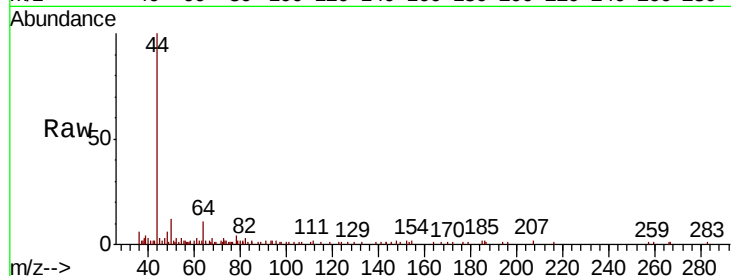




#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

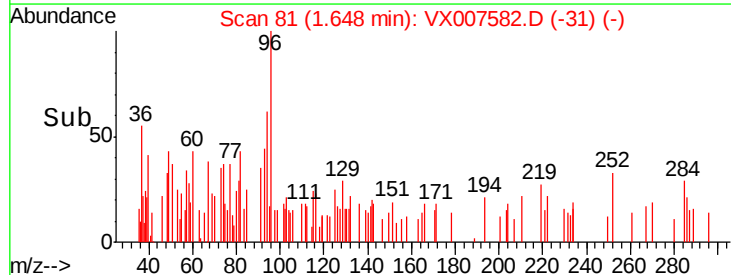
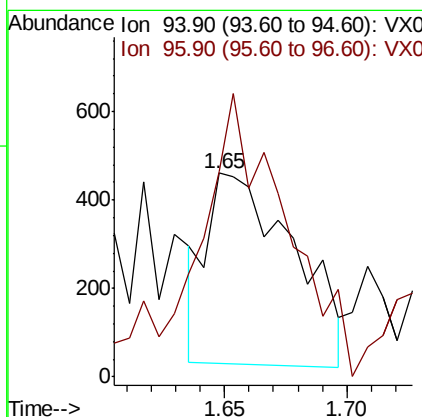
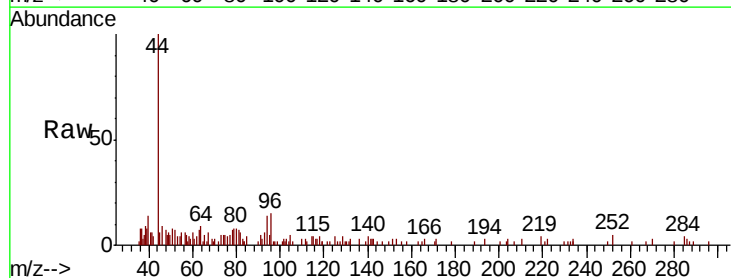
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

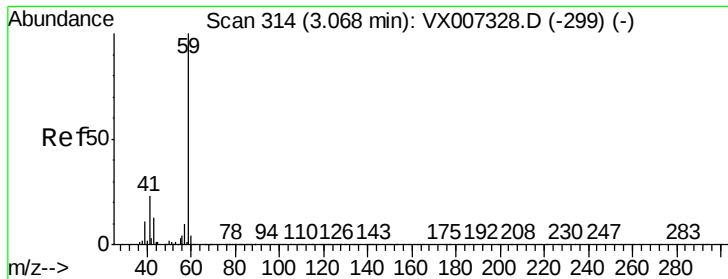
Tgt Ion: 50 Resp: 1204
Ion Ratio Lower Upper
50 100
52 13.7 26.1 39.1#



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

Tgt Ion: 94 Resp: 1066
Ion Ratio Lower Upper
94 100
96 70.9 73.9 110.9#



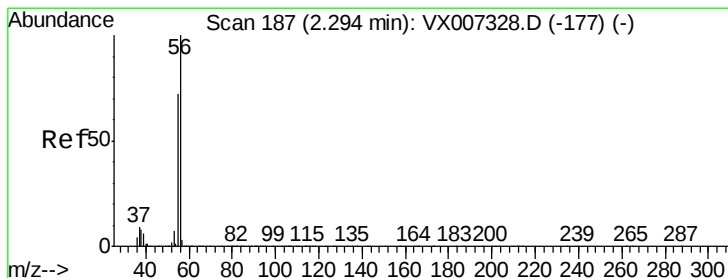
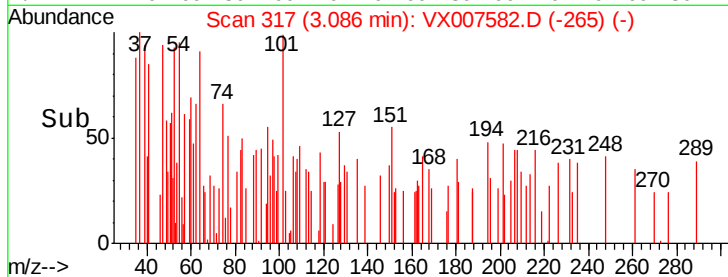
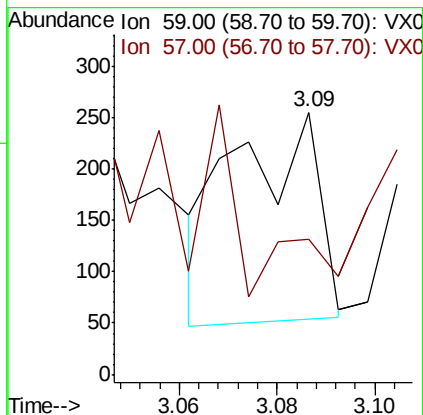
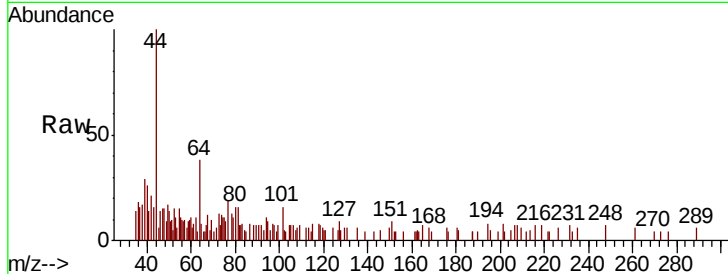


#11

Tert butyl alcohol
Concen: 0.228 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.02 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

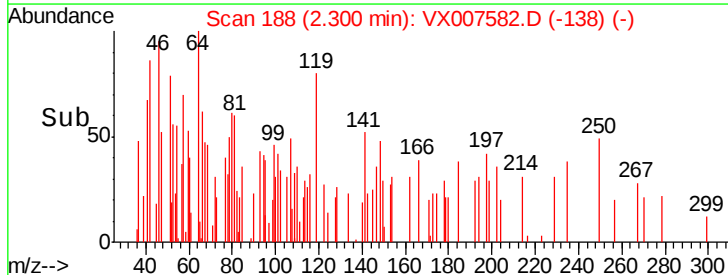
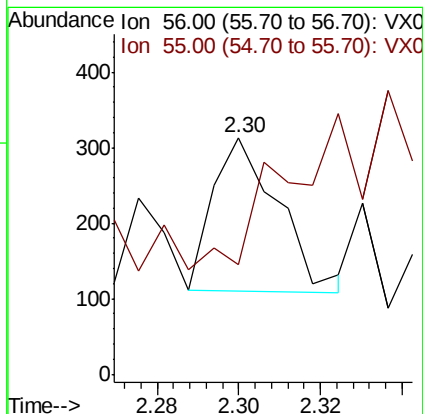
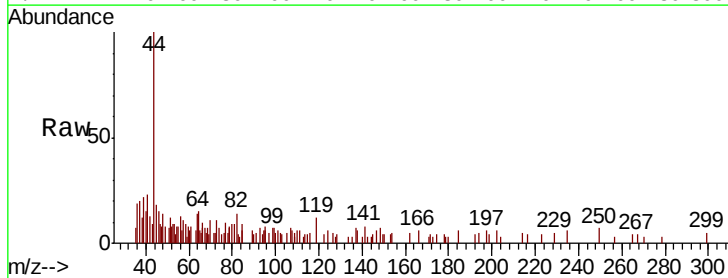
Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

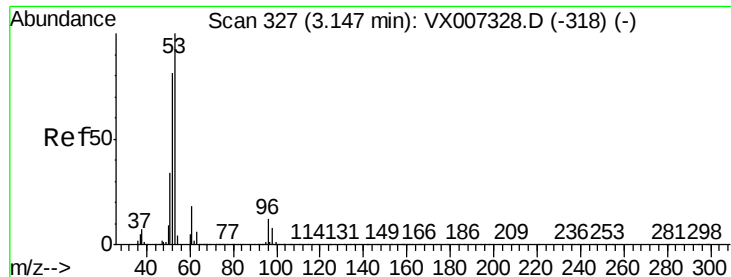


#13

Acrolein
Concen: 0.456 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

Tgt Ion: 56 Resp: 228
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.326 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

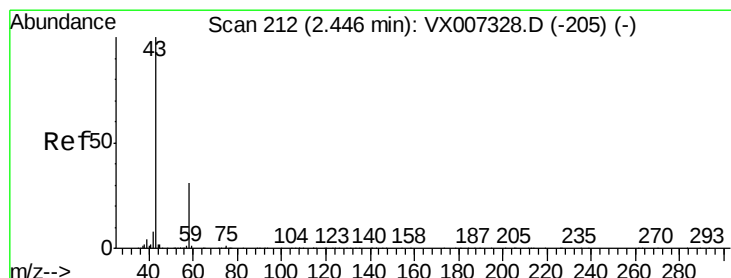
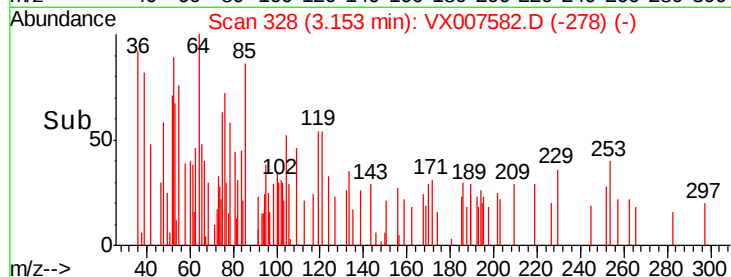
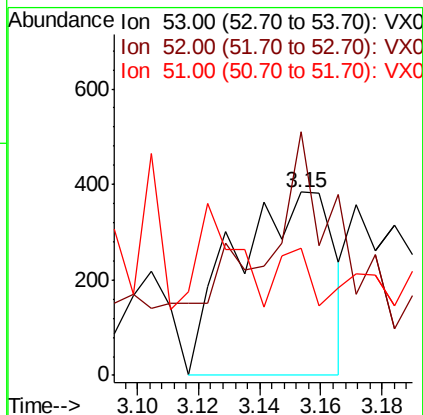
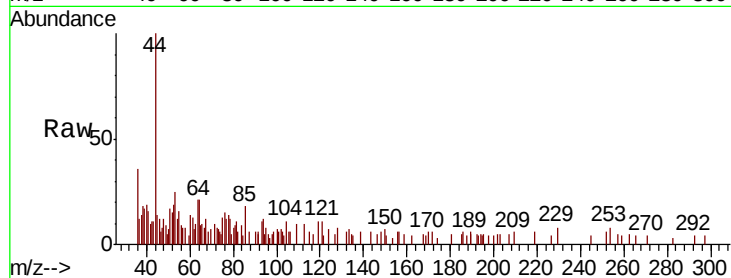
Tgt Ion: 53 Resp: 860

Ion Ratio Lower Upper

53 100

52 77.4 66.4 99.6

51 0.0 28.4 42.6#



#16

Acetone

Concen: 0.591 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007582.D

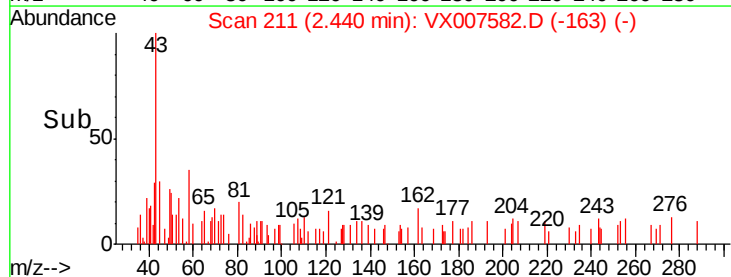
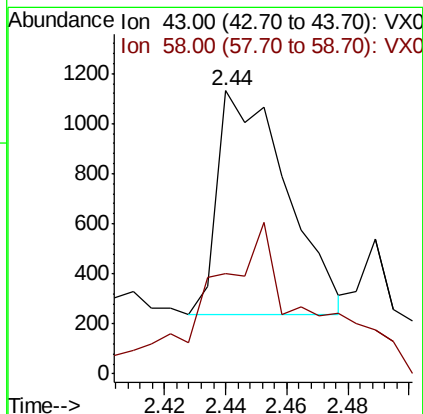
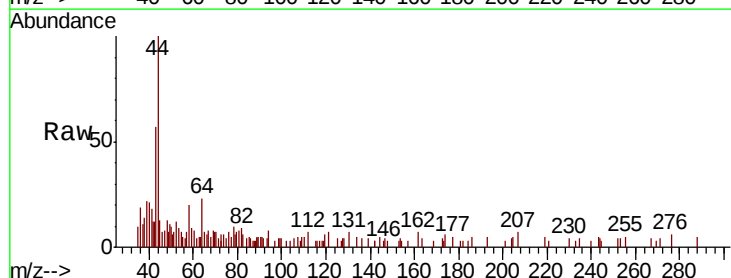
Acq: 18 Feb 2019 12:25

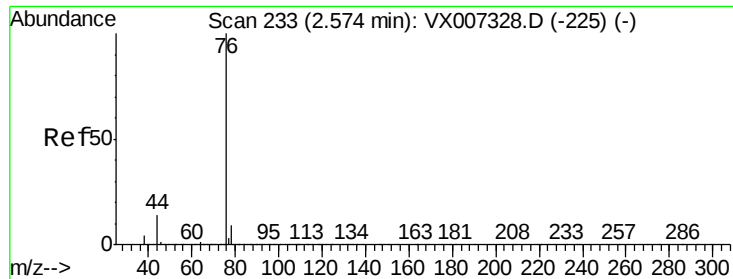
Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3





#17

Carbon Disulfide

Concen: 2.246 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

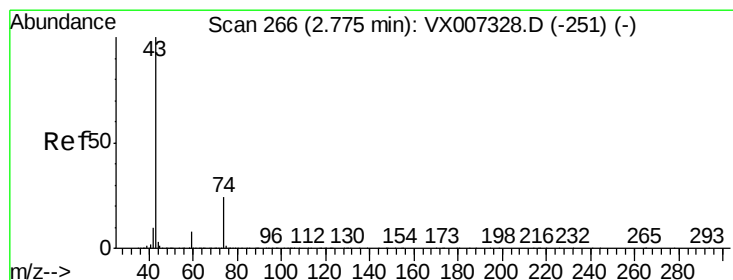
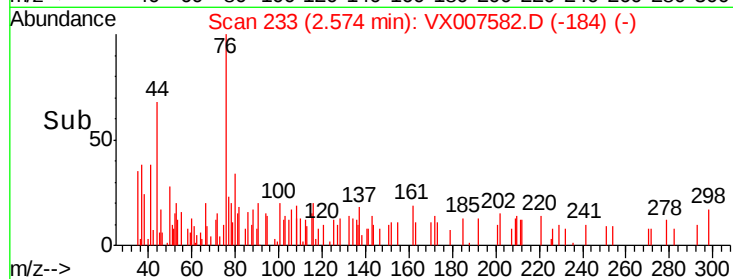
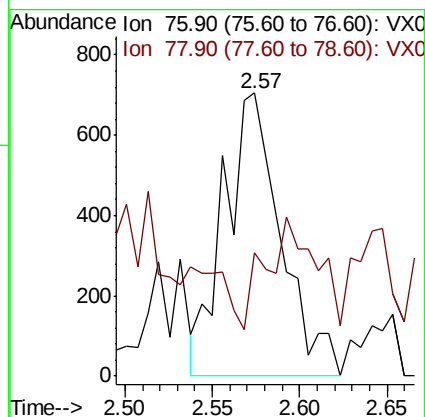
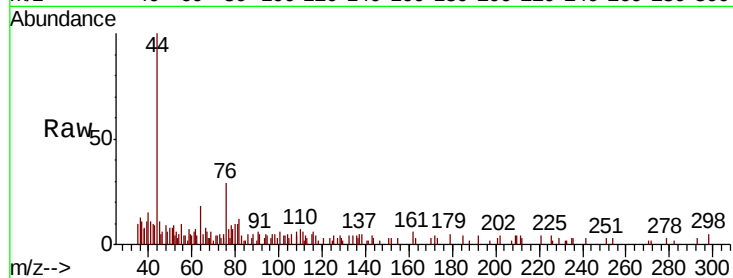
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 76 Resp: 1586

Ion Ratio Lower Upper

76 100

78 25.4 7.1 10.7#



#18

Methyl Acetate

Concen: 0.990 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007582.D

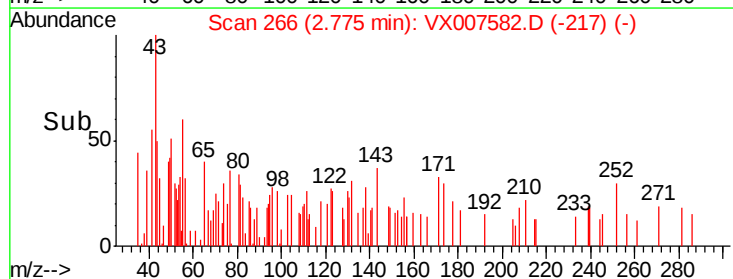
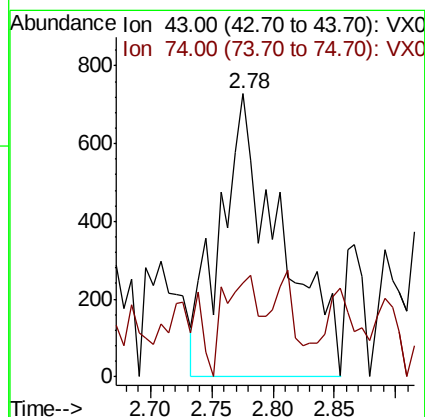
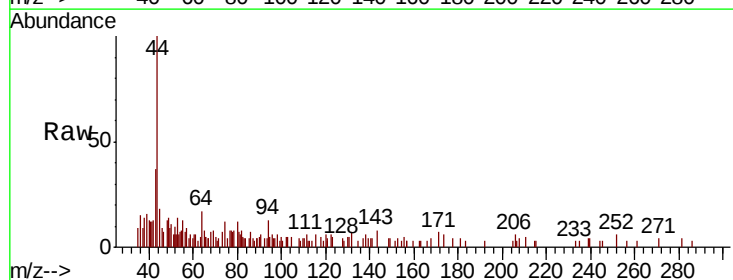
Acq: 18 Feb 2019 12:25

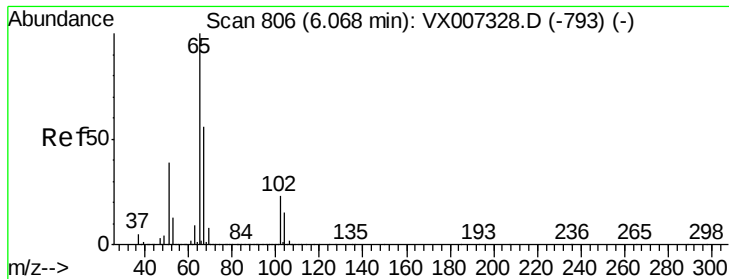
Tgt Ion: 43 Resp: 2468

Ion Ratio Lower Upper

43 100

74 21.6 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 52.403 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

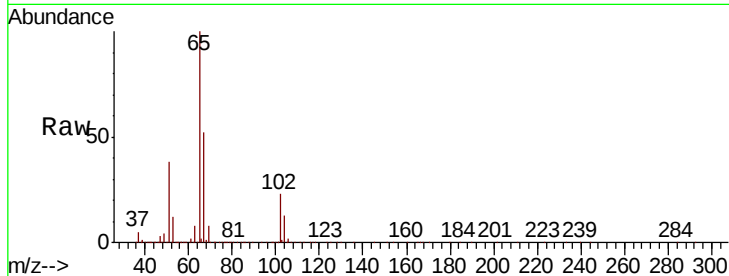
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 270086

Ion Ratio Lower Upper

65 100

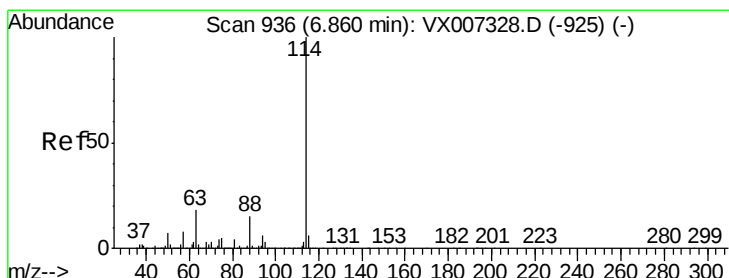
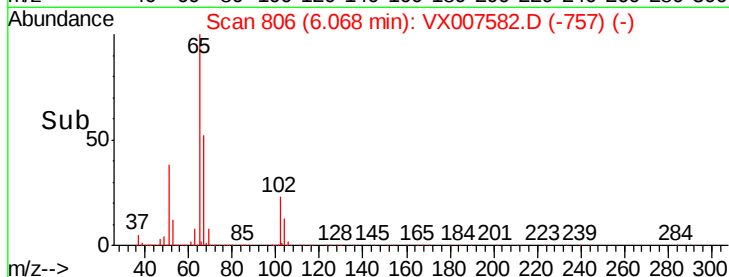
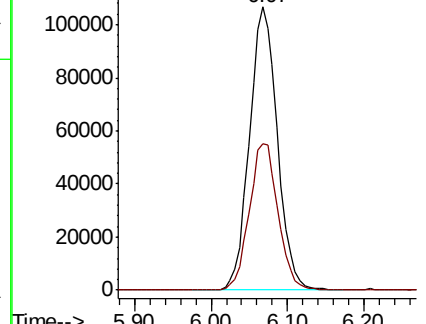
67 53.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

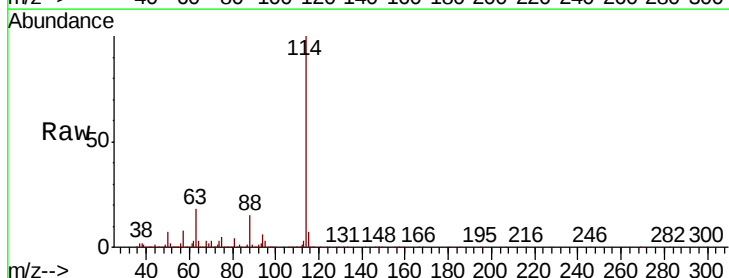
Tgt Ion: 114 Resp: 761508

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 14.6 0.0 29.6

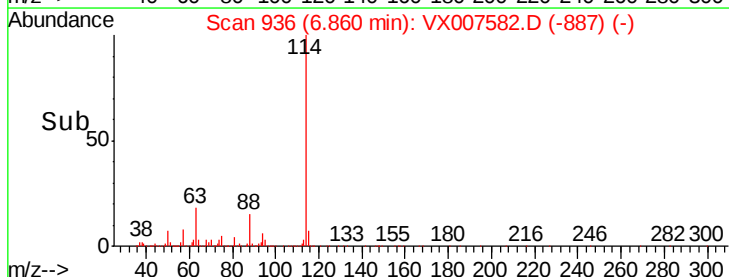
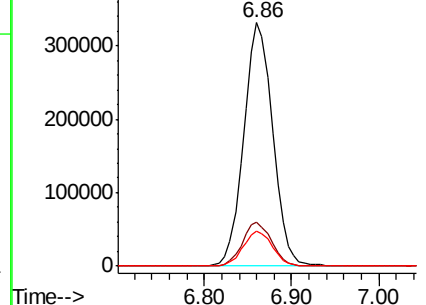


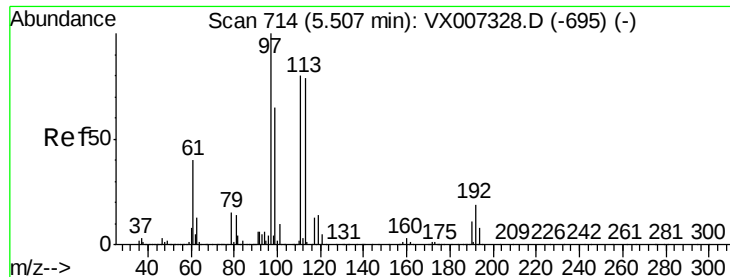
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86





#35

Dibromofluoromethane

Concen: 50.816 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

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ClientSampleId :

STORAGE-BLANK-WATER-REF-4

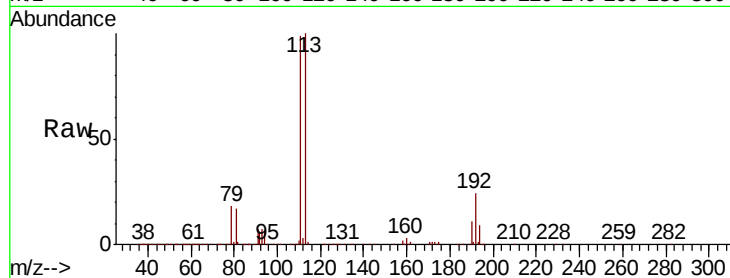
Tgt Ion:113 Resp: 251788

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

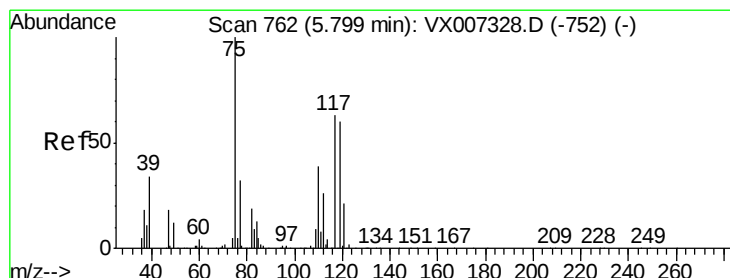
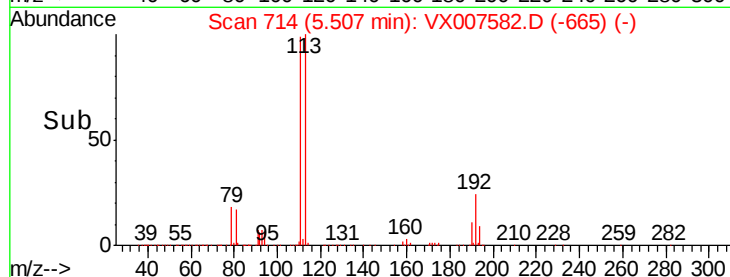
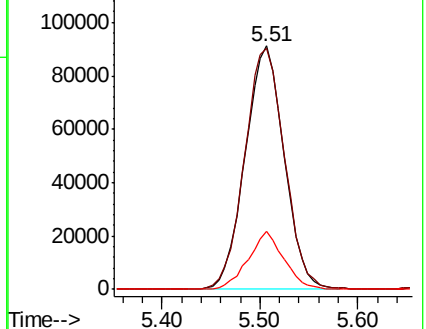
192 21.9 18.5 27.7



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: 4.479 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

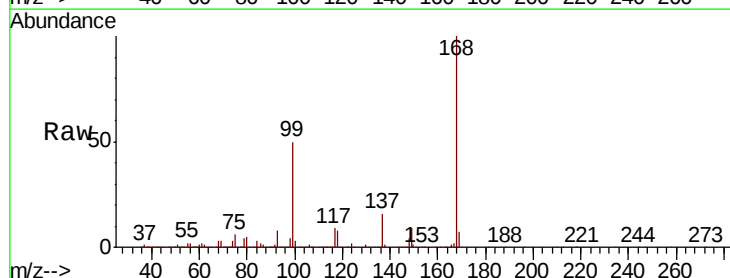
Tgt Ion: 75 Resp: 30601

Ion Ratio Lower Upper

75 100

110 10.6 20.0 59.9#

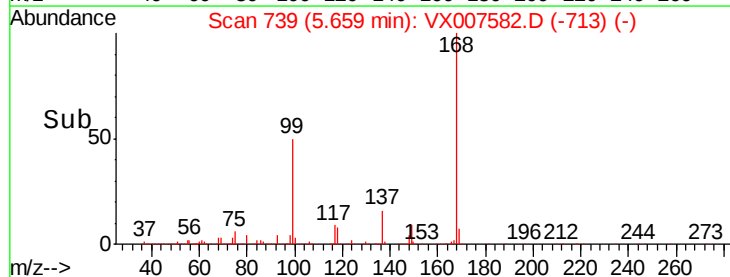
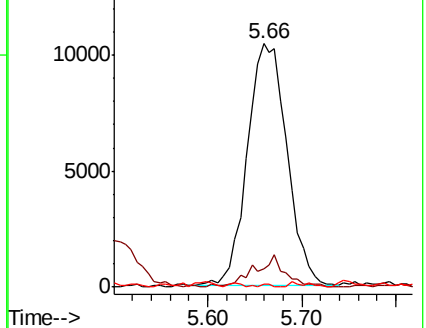
77 0.4 24.7 37.1#

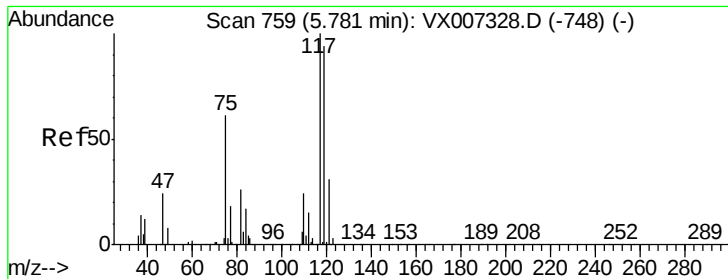


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

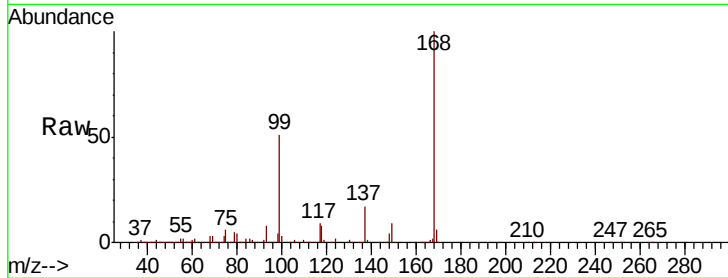
Tgt Ion: 117 Resp: 42645

Ion Ratio Lower Upper

117 100

119 6.3 75.3 112.9#

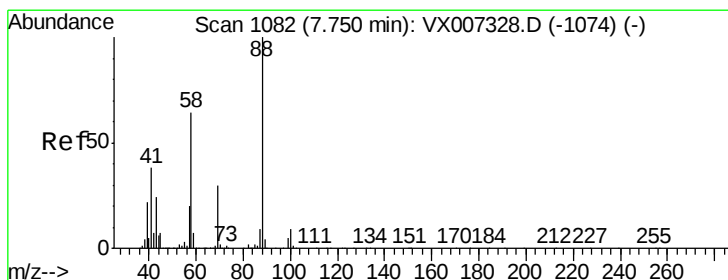
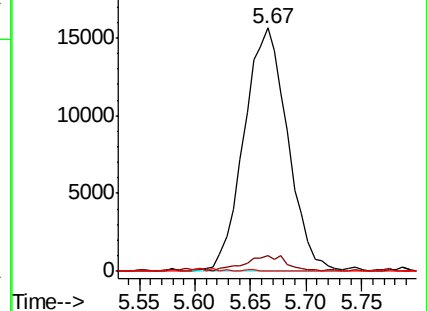
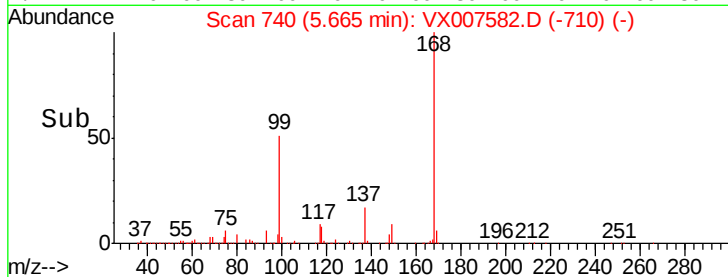
121 0.0 25.0 37.4#



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: 7.681 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

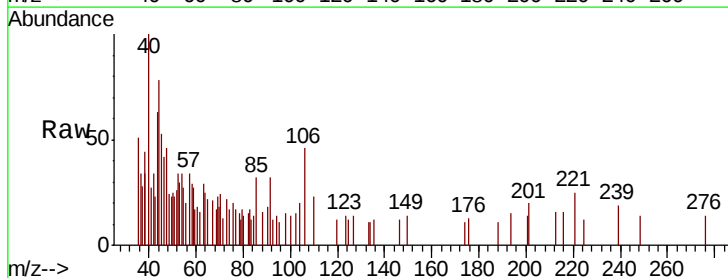
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 310.2 24.2 36.4#

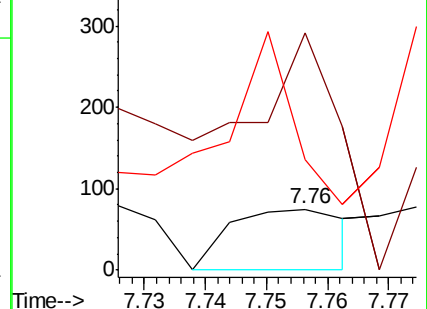
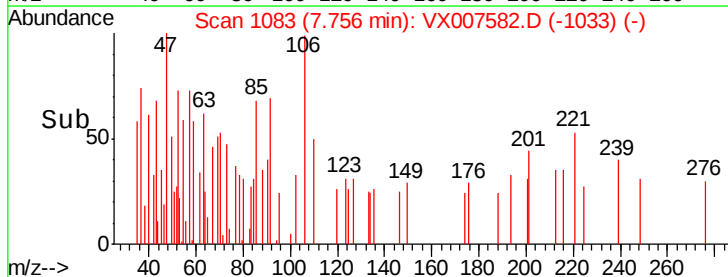
58 390.8 53.0 79.4#

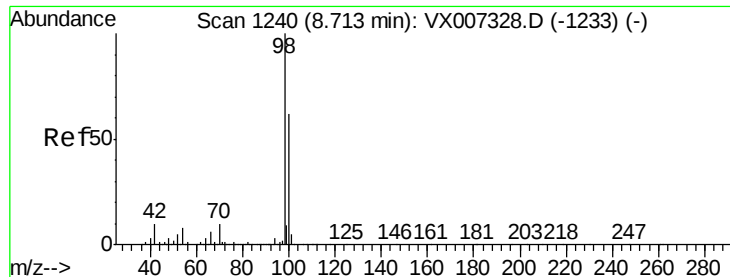


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.377 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

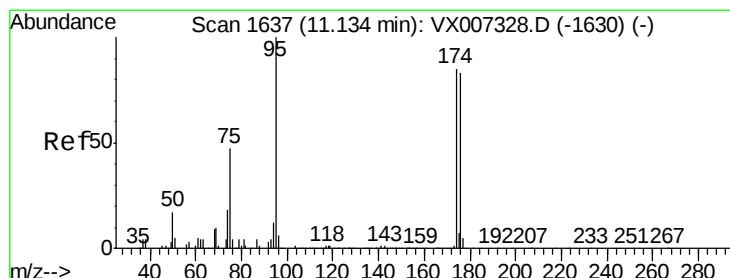
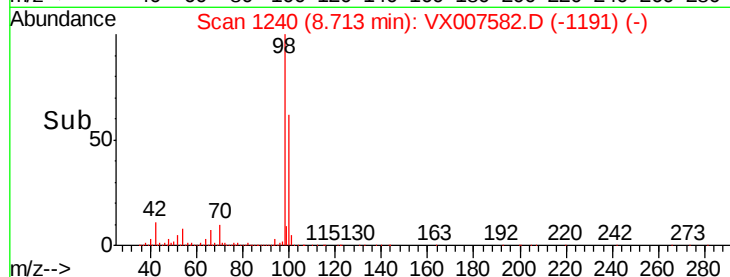
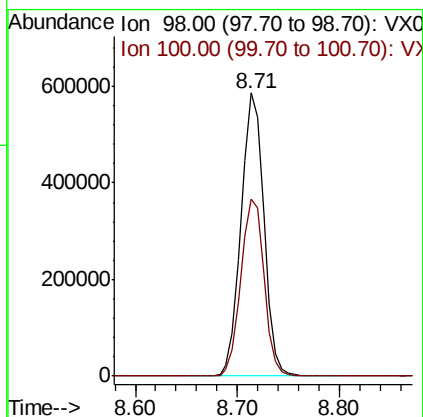
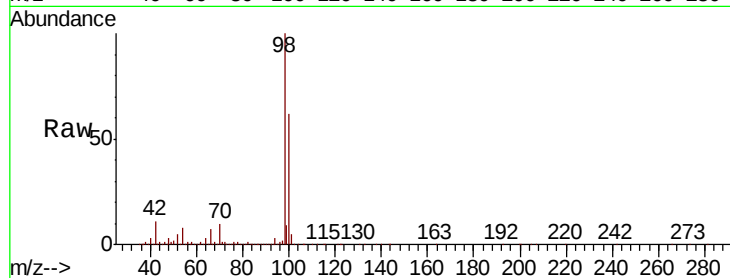
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 907708

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.480 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

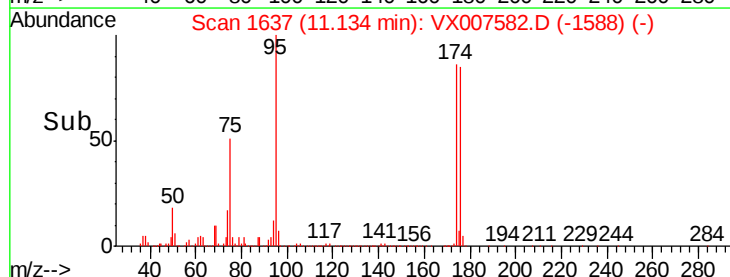
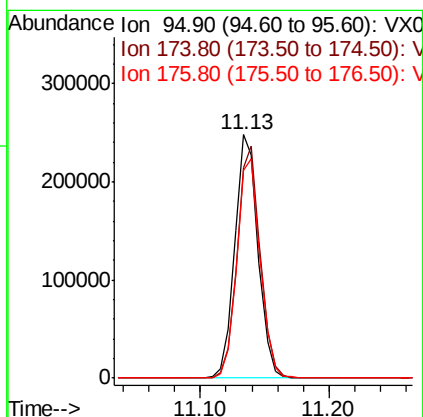
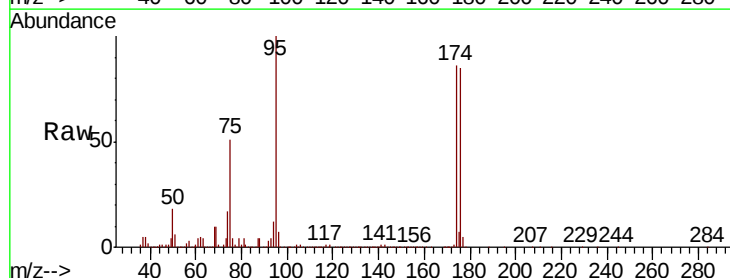
Tgt Ion: 95 Resp: 311962

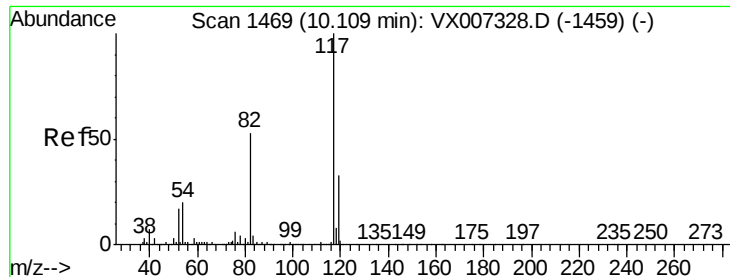
Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

176 90.5 0.0 186.2

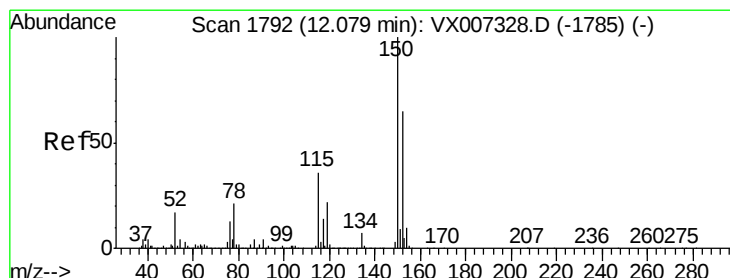
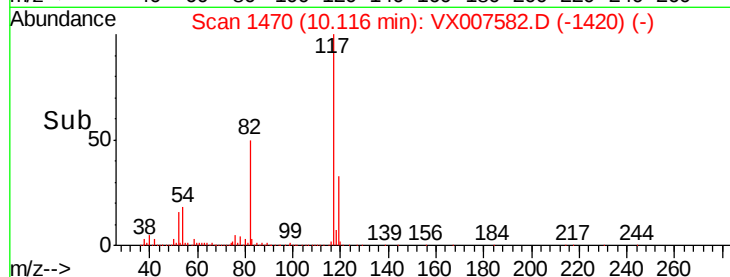
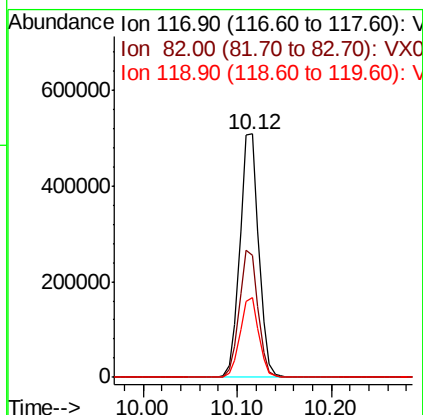
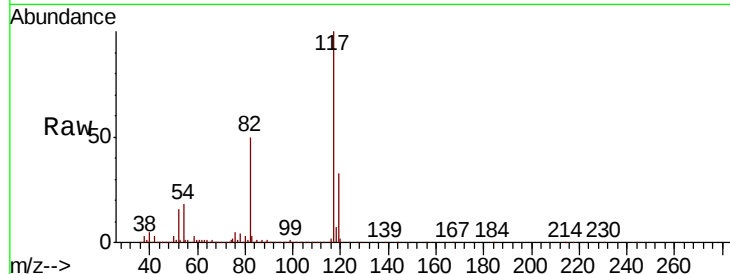




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

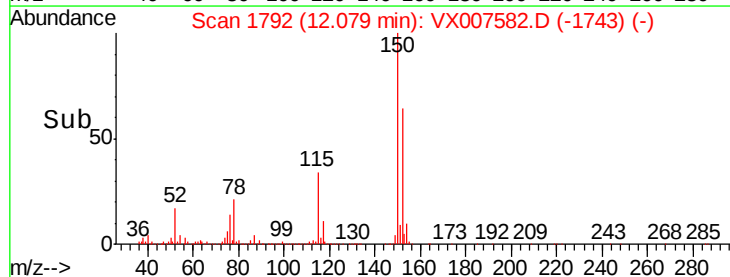
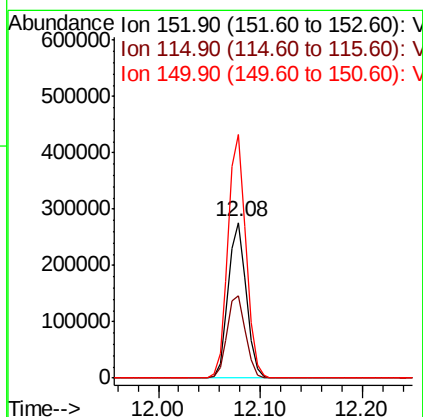
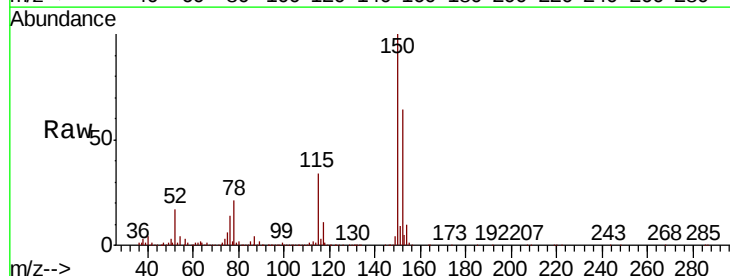
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

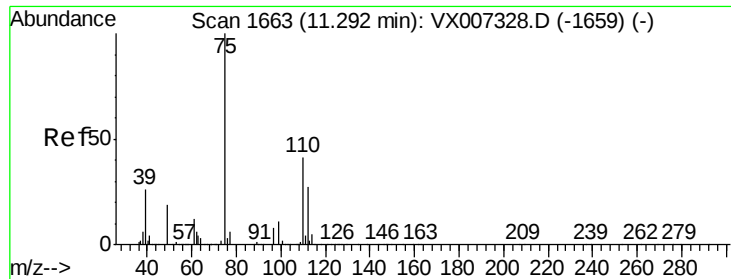
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.1	63.1
119	32.7	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007582.D
Acq: 18 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.0	114.0
150	156.5	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 23.440 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

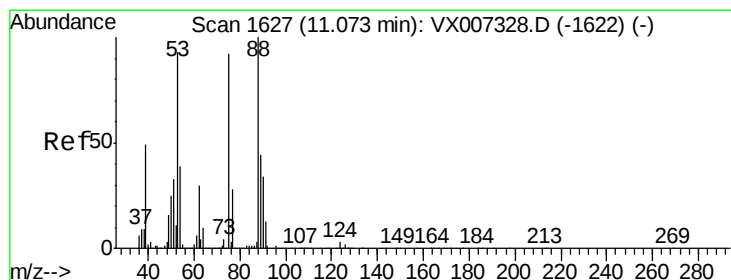
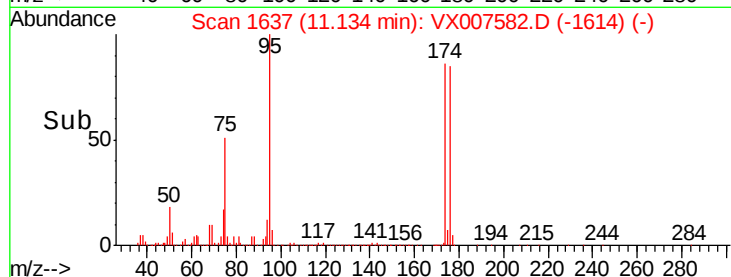
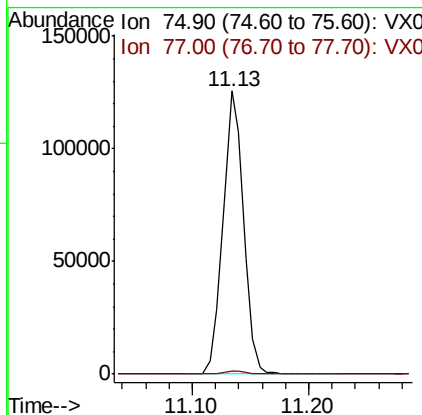
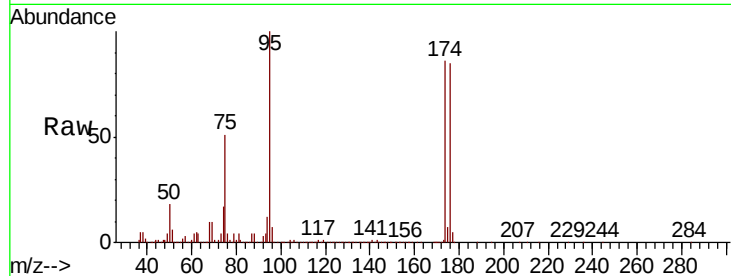
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 152870

Ion Ratio Lower Upper

75 100

77 1.4 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.553 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

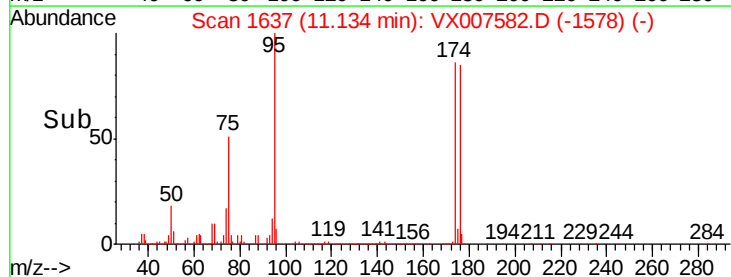
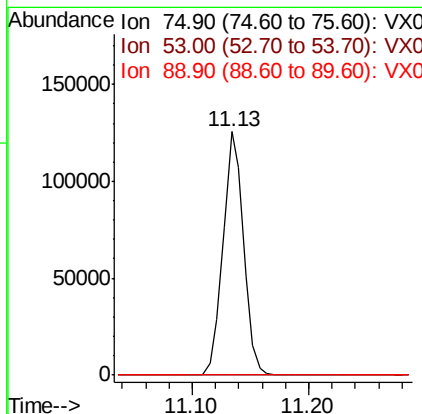
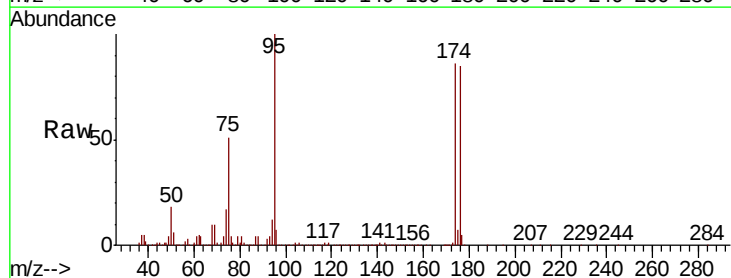
Tgt Ion: 75 Resp: 152870

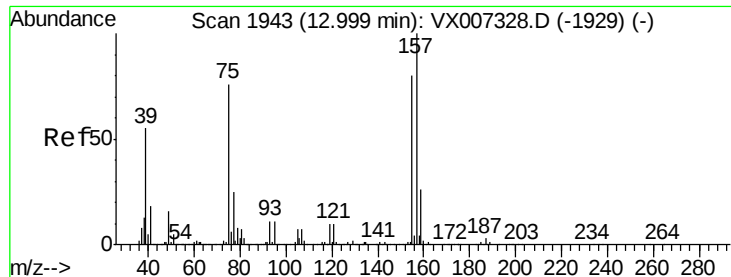
Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.1 41.4 62.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.285 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX007582.D

Acq: 18 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

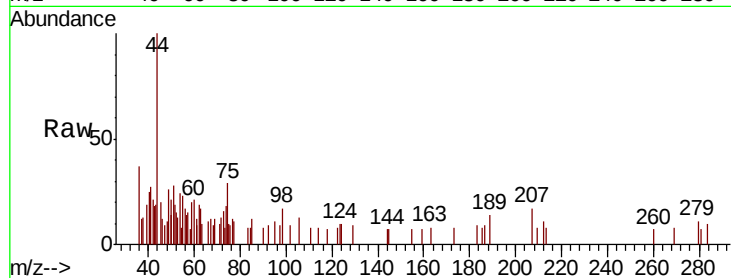
Tgt Ion: 75 Resp: 412

Ion Ratio Lower Upper

75 100

155 4.6 49.6 149.0#

157 0.0 65.1 195.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

