

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007130.D
 Acq On : 18 Jan 2019 13:09
 Operator : JC/SP
 Sample : K1194-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 18 21:50:02 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	5.67	168	532931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	833302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	768337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376347	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	287103	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	257889	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	986195	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	356621	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	

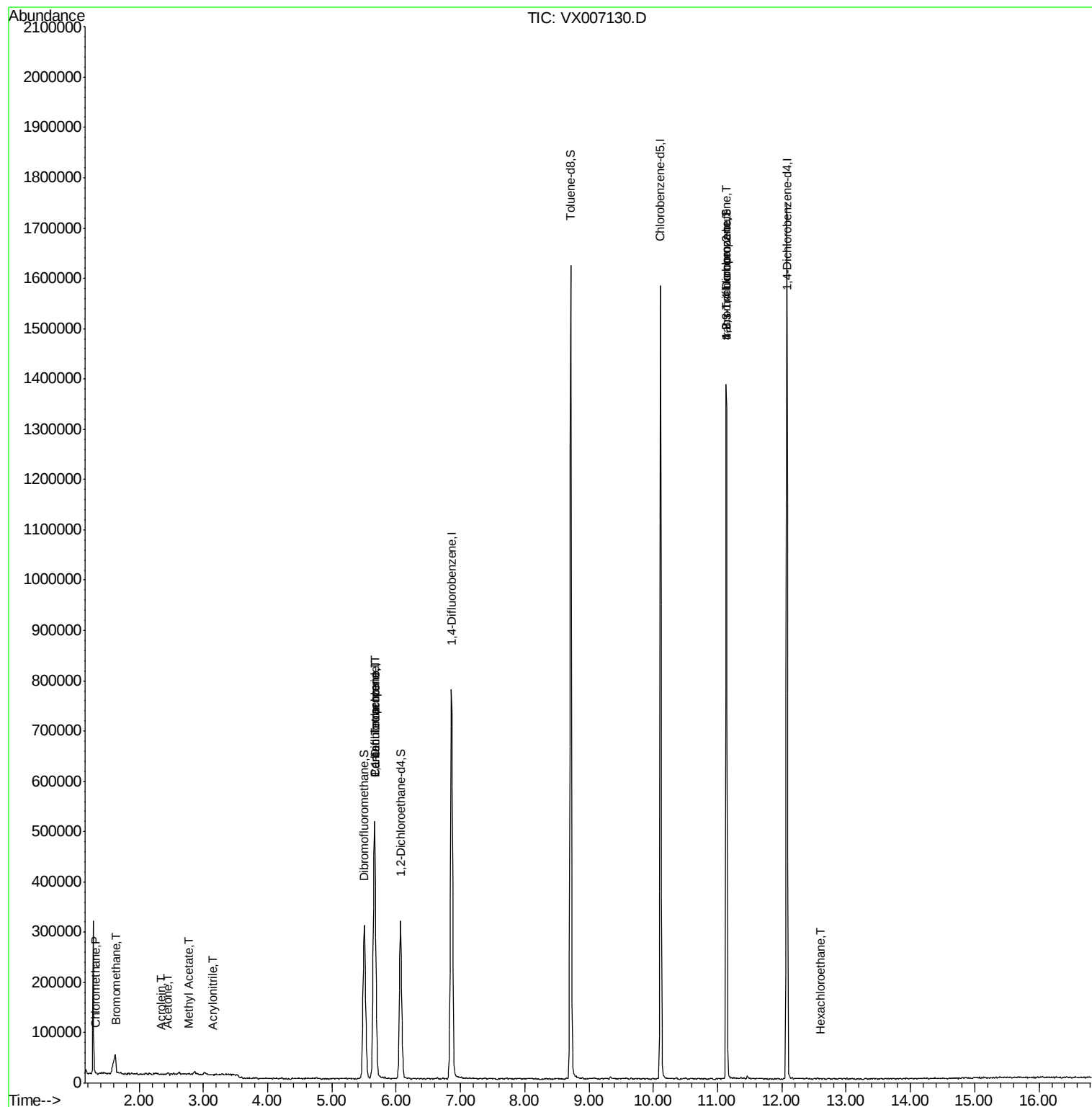
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1206	0.237	ug/l	98
5) Bromomethane	1.65	94	1561	0.267	ug/l #	46
13) Acrolein	2.33	56	230	3.485	ug/l #	1
15) Acrylonitrile	3.15	53	696	0.231	ug/l #	37
16) Acetone	2.45	43	4242	1.541	ug/l #	77
18) Methyl Acetate	2.78	43	2954	0.370	ug/l	95
36) 1,1-Dichloropropene	5.67	75	34669	4.785	ug/l #	50
38) Carbon Tetrachloride	5.67	117	49219	6.752	ug/l #	15
49) 1,4-Dioxane	7.74	88	144	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	170845	22.401	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	170845	66.273	ug/l #	10
90) Hexachloroethane	12.60	117	69	2.925	ug/l	78

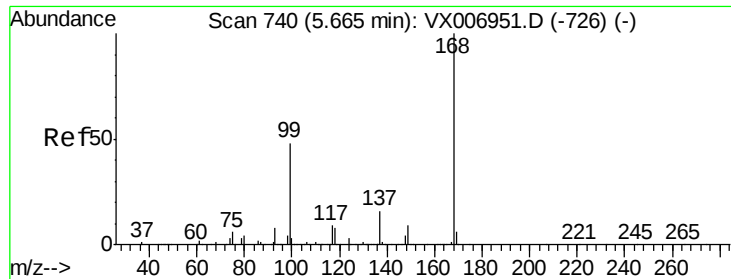
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

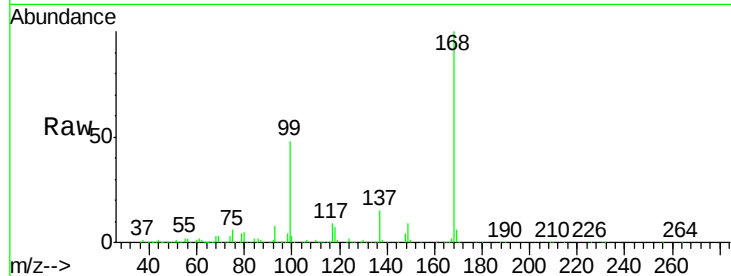
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 532931

Ion Ratio Lower Upper

168 100

99 47.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

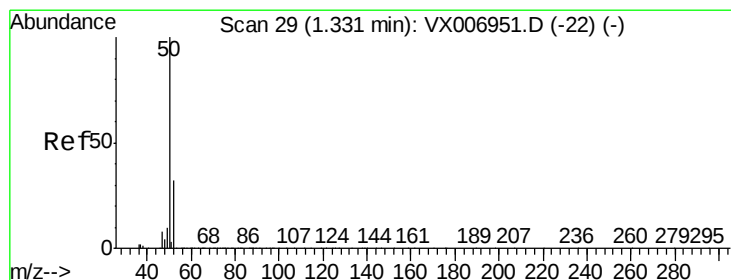
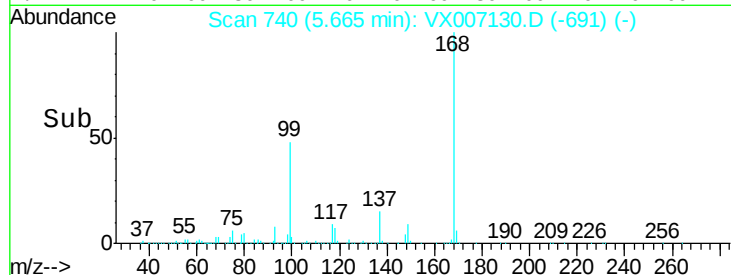
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.237 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007130.D

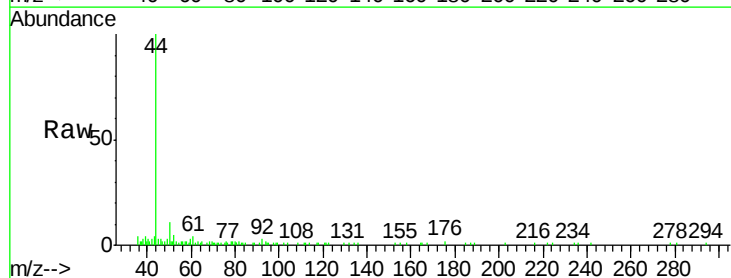
Acq: 18 Jan 2019 13:09

Tgt Ion: 50 Resp: 1206

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

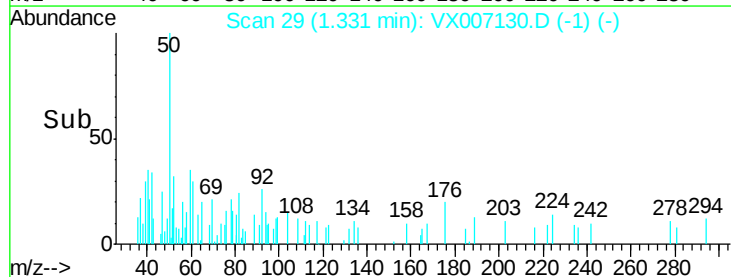
600

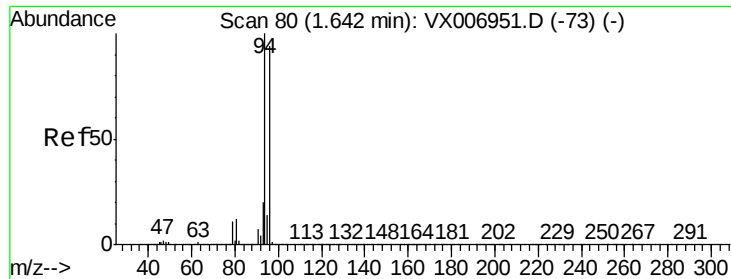
400

200

0

Time-->





#5

Bromomethane

Concen: 0.267 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

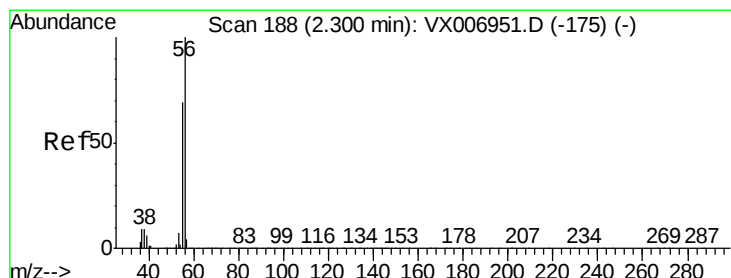
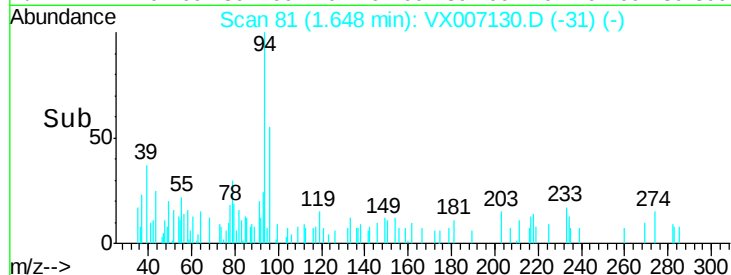
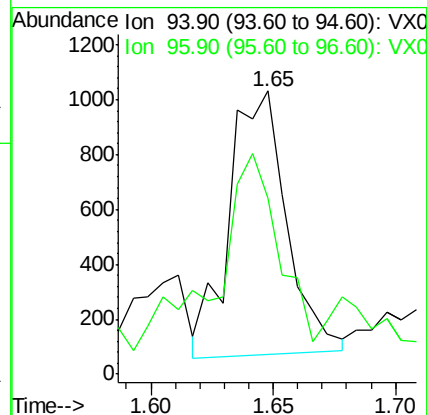
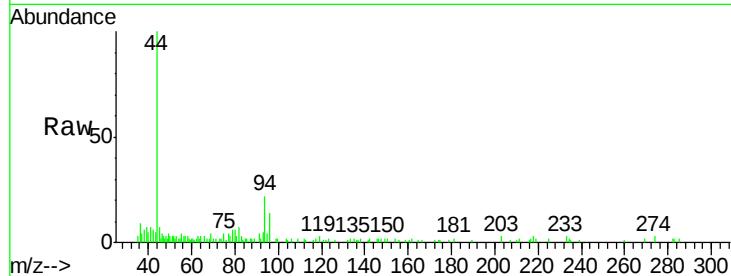
STORAGE-BLANK-WATER-REF-4

Tot Ion: 94 Resp: 1561

Ion Ratio Lower Upper

94 100

96 39.9 73.4 110.2#



#13

Acrolein

Concen: 3.485 ug/l

RT: 2.33 min Scan# 193

Delta R.T. 0.03 min

Lab File: VX007130.D

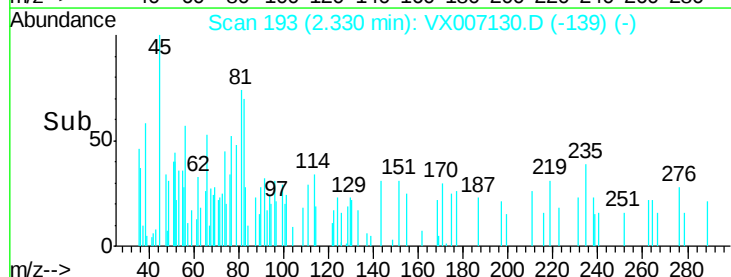
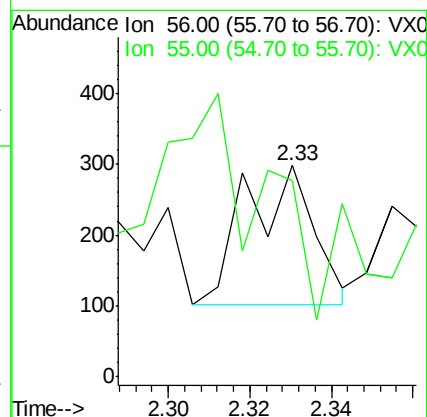
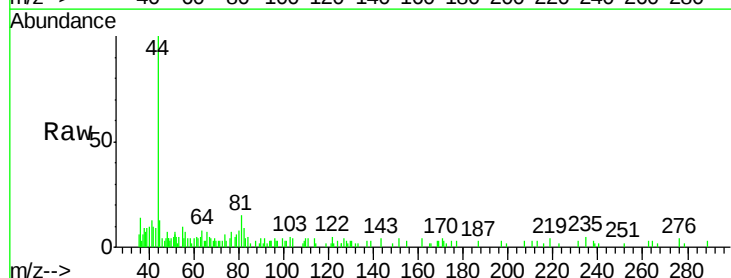
Acq: 18 Jan 2019 13:09

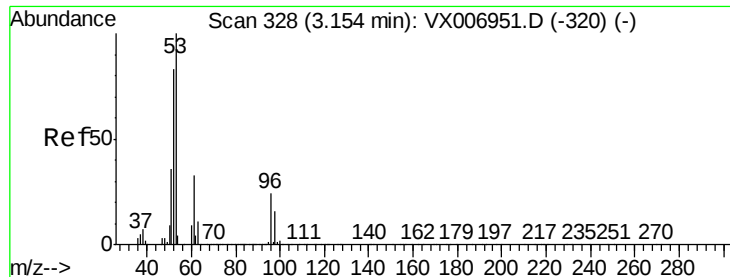
Tgt Ion: 56 Resp: 230

Ion Ratio Lower Upper

56 100

55 284.3 58.2 87.4#





#15

Acrylonitrile

Concen: 0.231 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

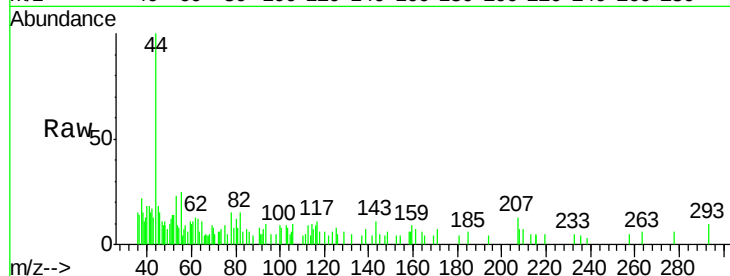
Tot Ion: 53 Resp: 696

Ion Ratio Lower Upper

53 100

52 24.6 66.0 99.0#

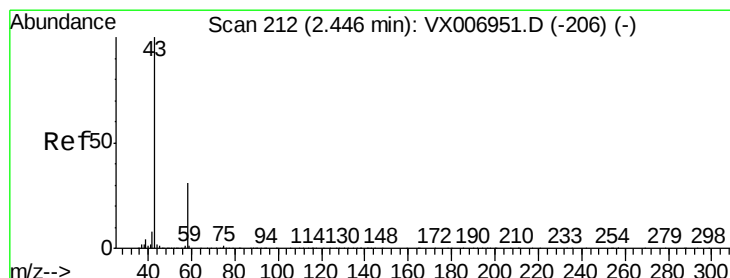
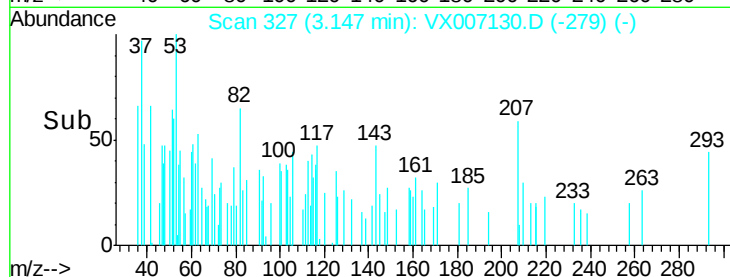
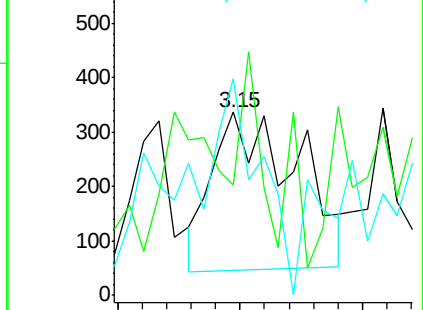
51 71.0 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.541 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007130.D

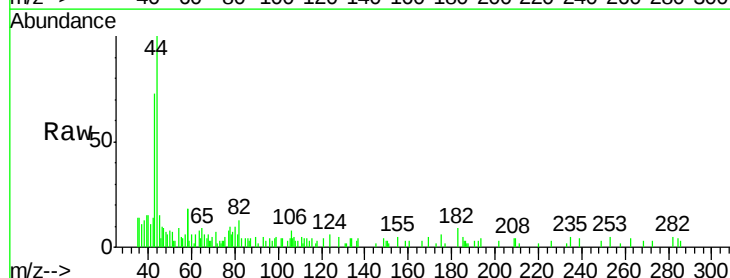
Acq: 18 Jan 2019 13:09

Tgt Ion: 43 Resp: 4242

Ion Ratio Lower Upper

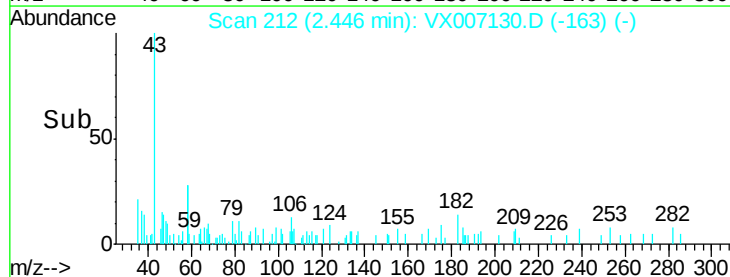
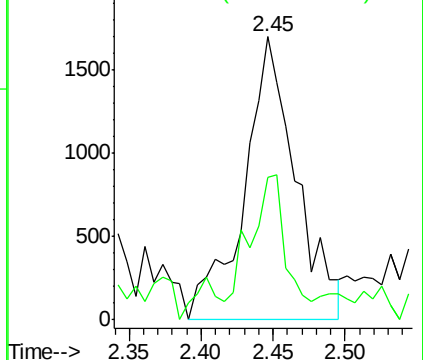
43 100

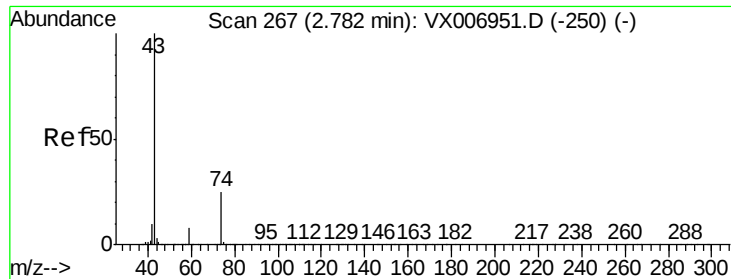
58 44.0 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

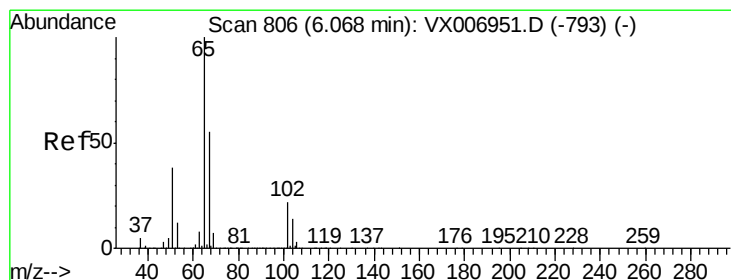
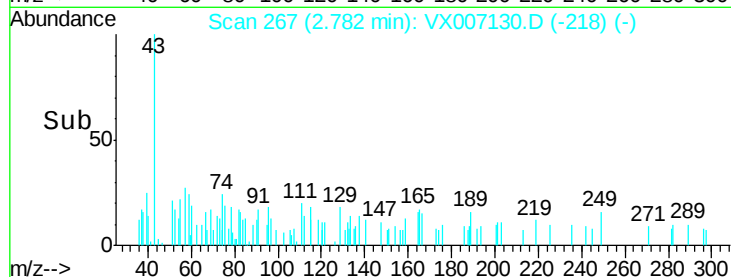
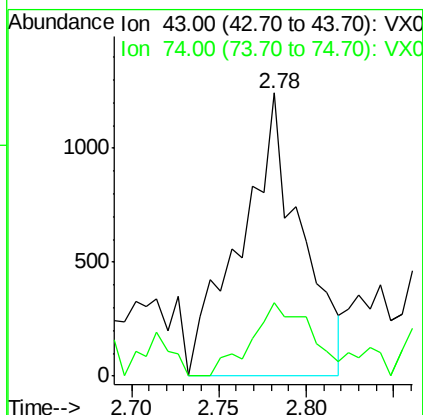
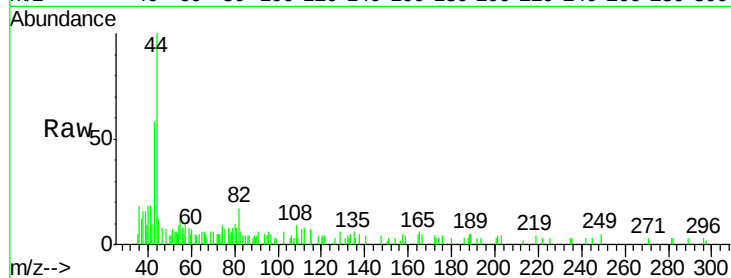




#18
Methyl Acetate
Concen: 0.370 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007130.D
Acq: 18 Jan 2019 13:09

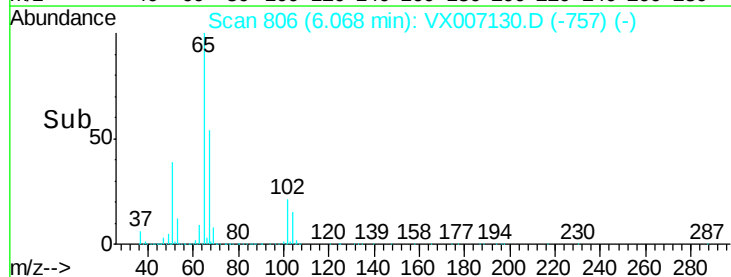
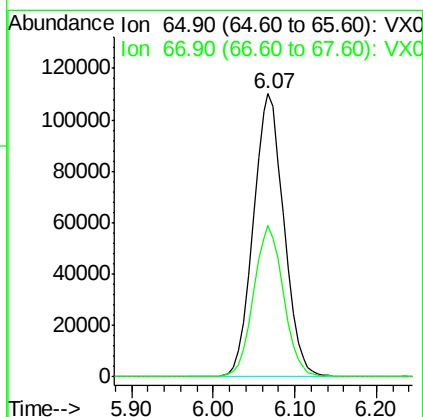
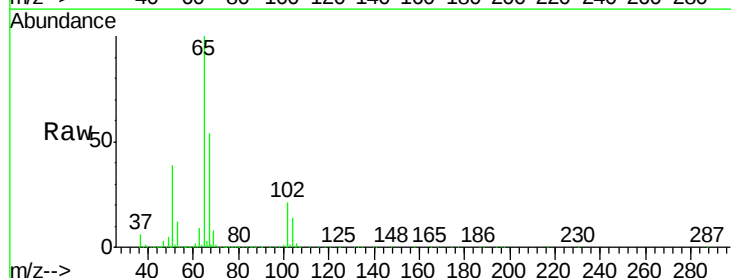
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

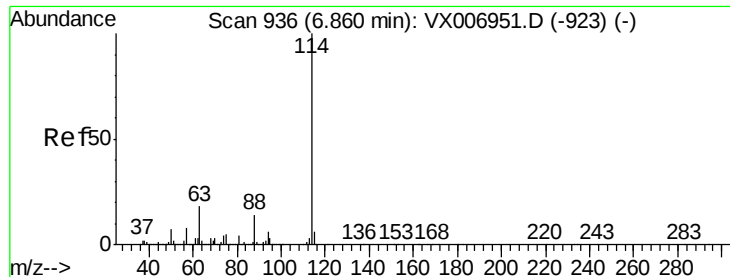
Tot Ion: 43 Resp: 2954
Ion Ratio Lower Upper
43 100
74 25.9 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007130.D
Acq: 18 Jan 2019 13:09

Tgt Ion: 65 Resp: 287103
Ion Ratio Lower Upper
65 100
67 52.8 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: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

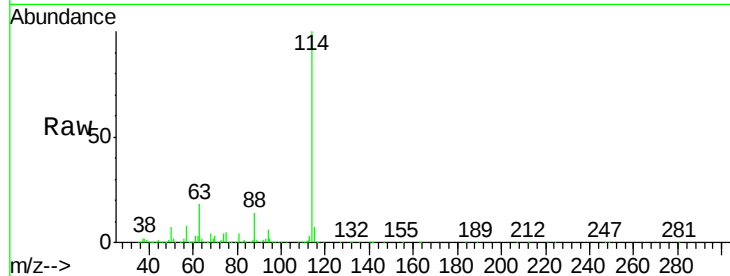
Tot Ion:114 Resp: 833302

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

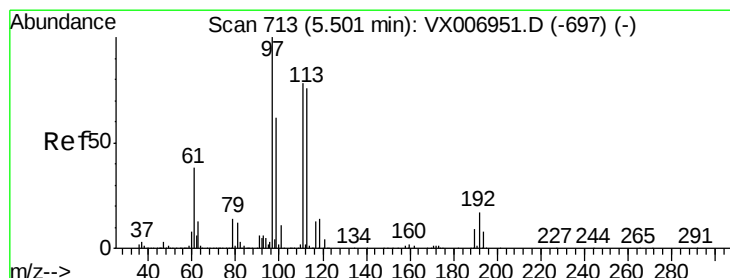
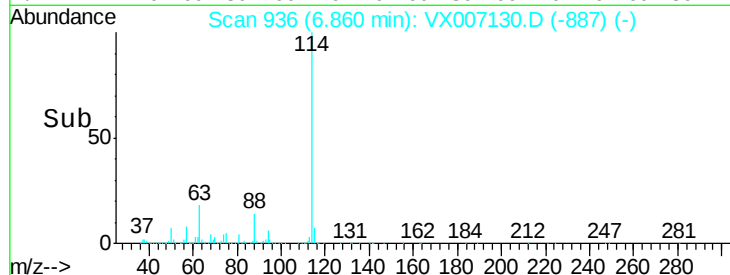
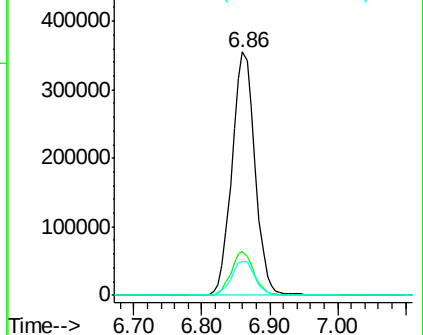
88 14.1 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

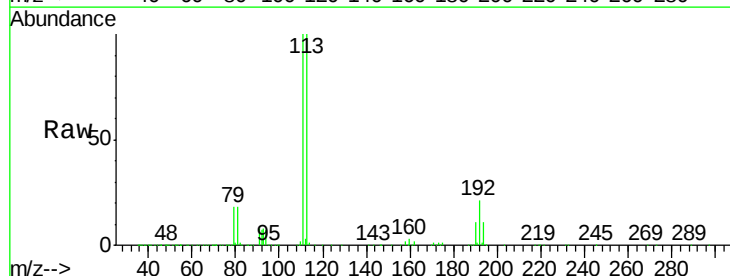
Tgt Ion:113 Resp: 257889

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

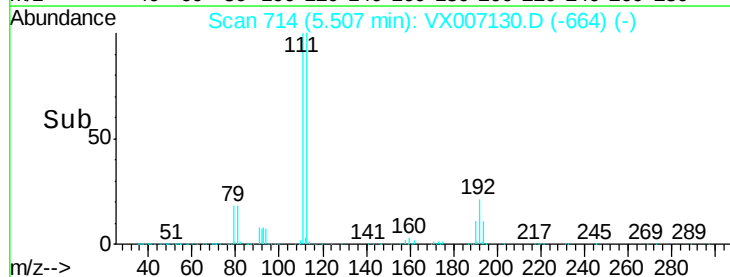
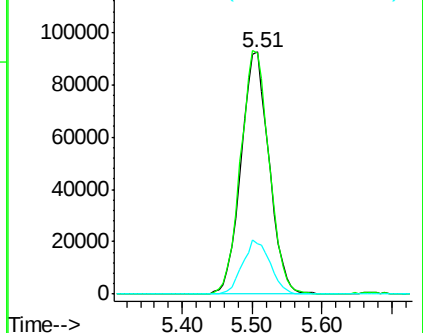
192 22.0 16.7 25.1

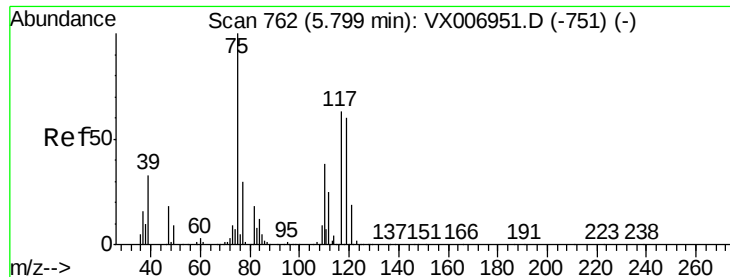


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.785 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

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STORAGE-BLANK-WATER-REF-4

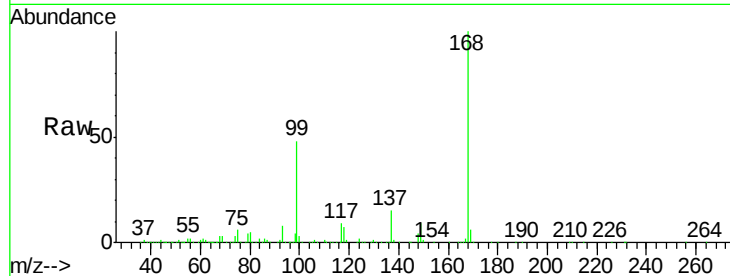
Tot Ion: 75 Resp: 34669

Ion Ratio Lower Upper

75 100

110 12.3 20.2 60.5#

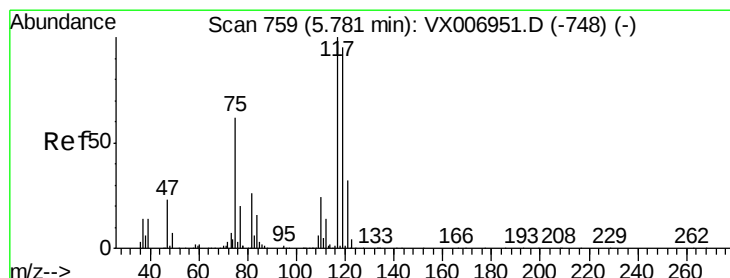
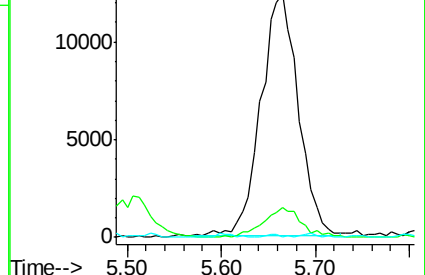
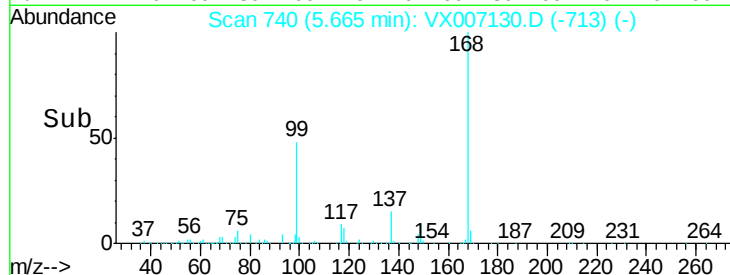
77 0.4 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX007130.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX007130.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX007130.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

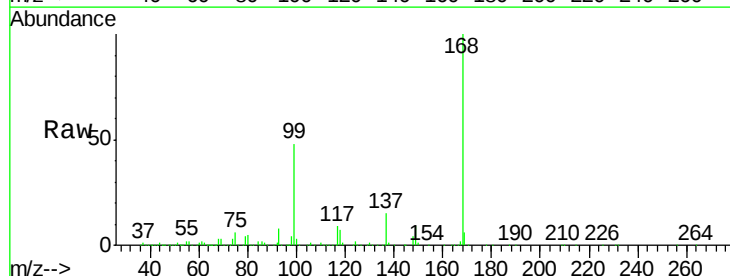
Tgt Ion: 117 Resp: 49219

Ion Ratio Lower Upper

117 100

119 6.0 79.4 119.2#

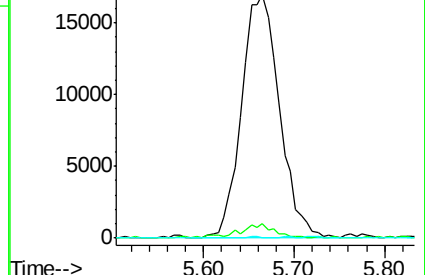
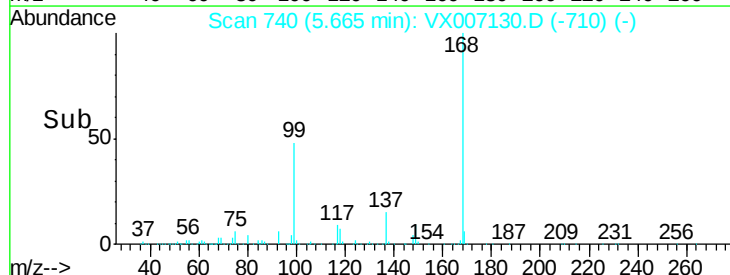
121 0.0 24.0 36.0#

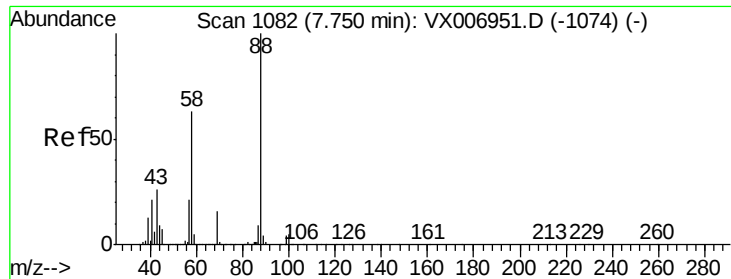


Abundance Ion 116.80 (116.50 to 117.50): VX007130.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX007130.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX007130.D (-710) (-)





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

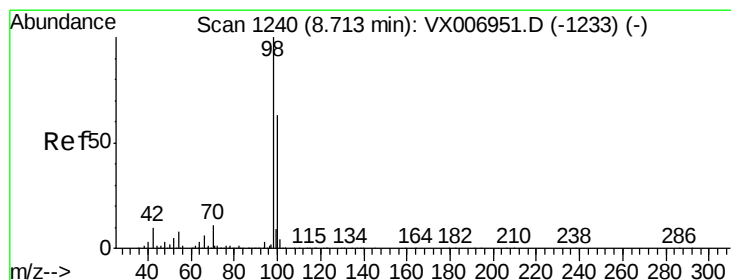
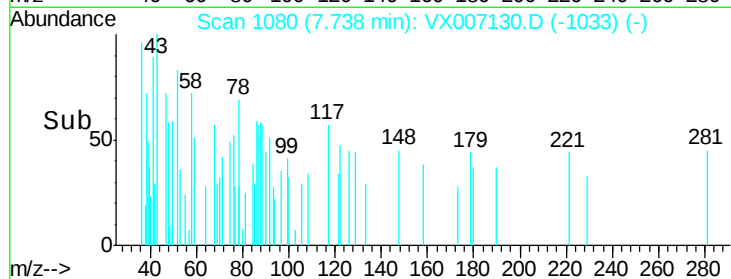
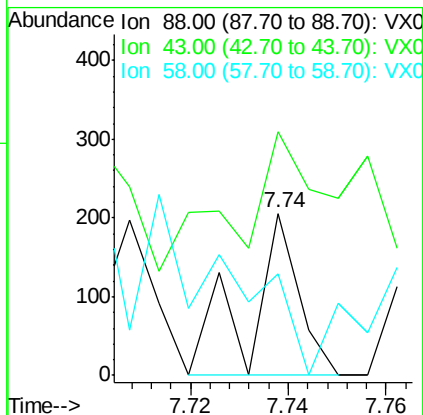
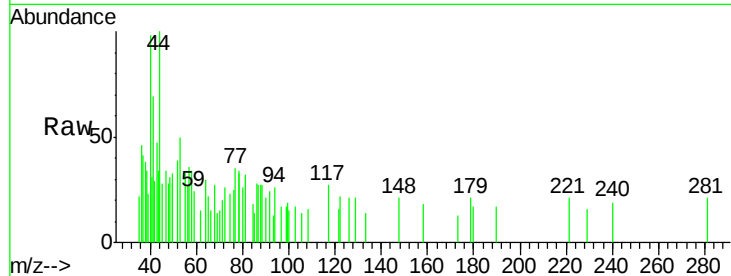
Tot Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

43 298.6 22.2 33.4#

58 0.0 51.0 76.4#



#50

Toluene-d8

Concen: 50.489 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007130.D

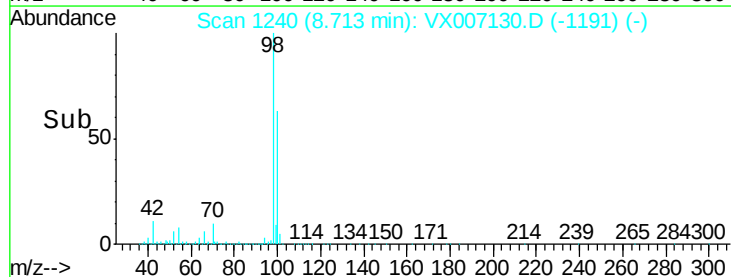
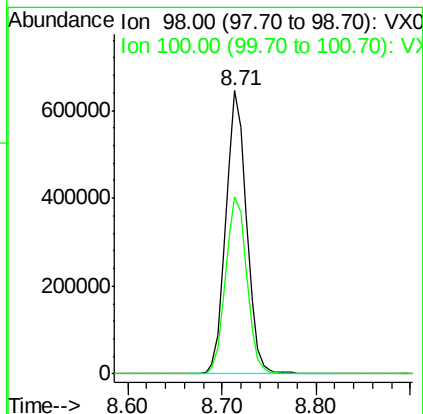
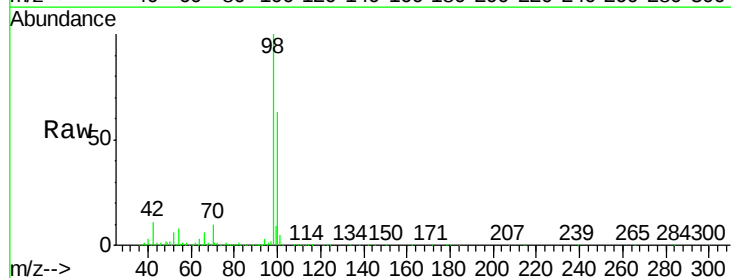
Acq: 18 Jan 2019 13:09

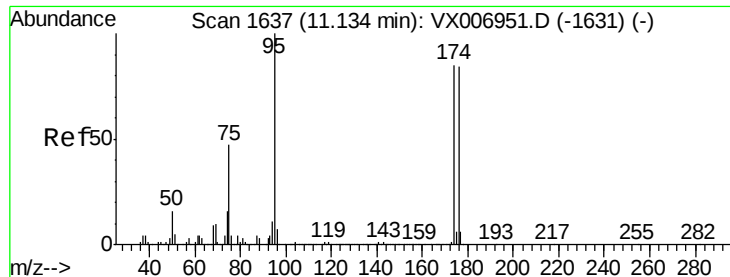
Tgt Ion: 98 Resp: 986195

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.370 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

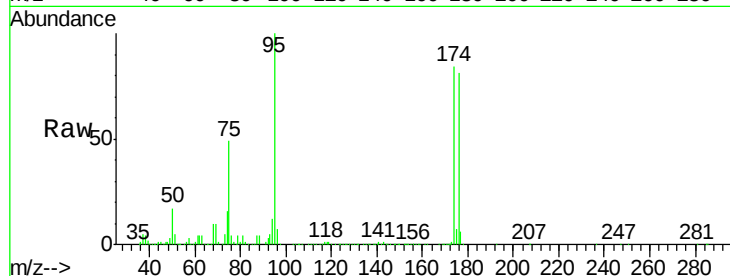
Tot Ion: 95 Resp: 356621

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

176 88.1 0.0 178.8

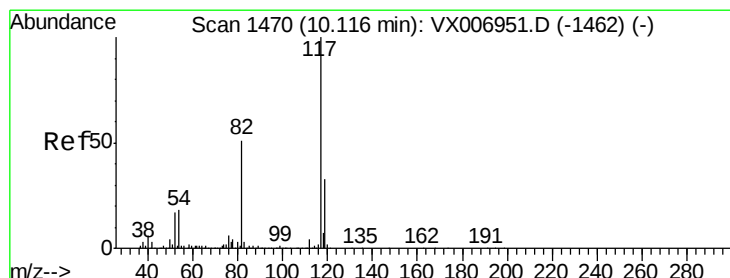
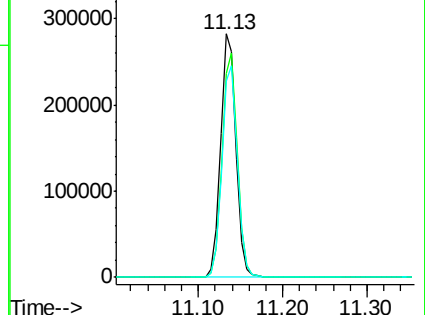
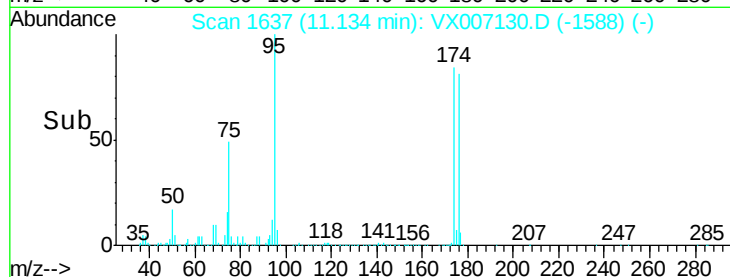


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

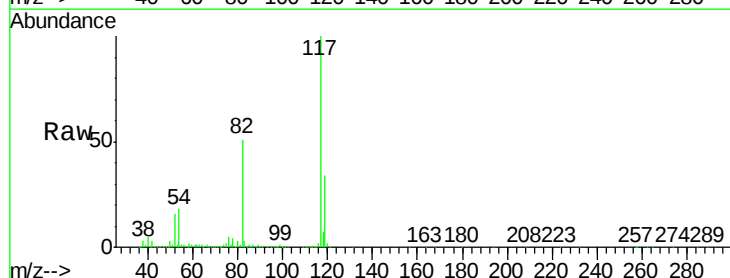
Tgt Ion: 117 Resp: 768337

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

119 33.7 25.4 38.0

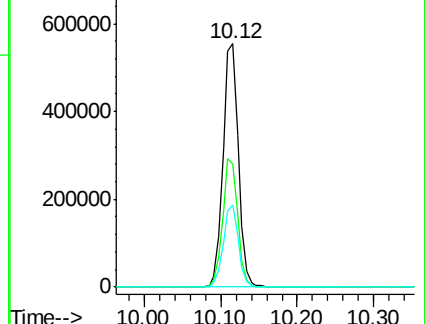
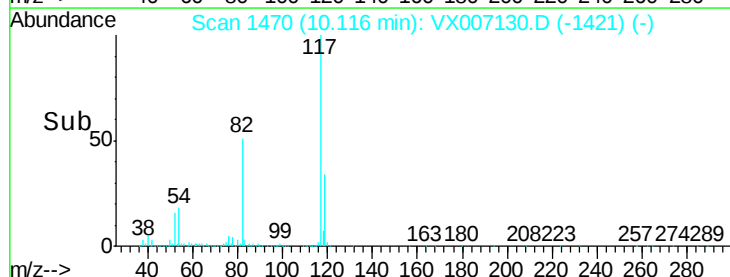


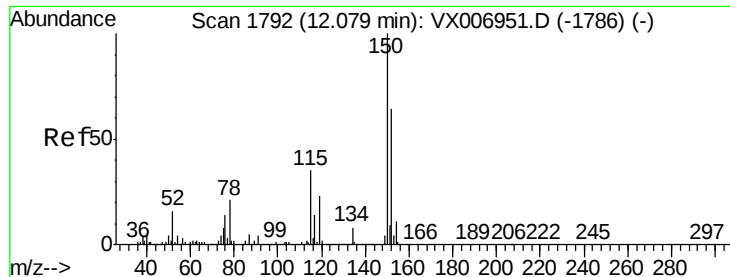
Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time-->



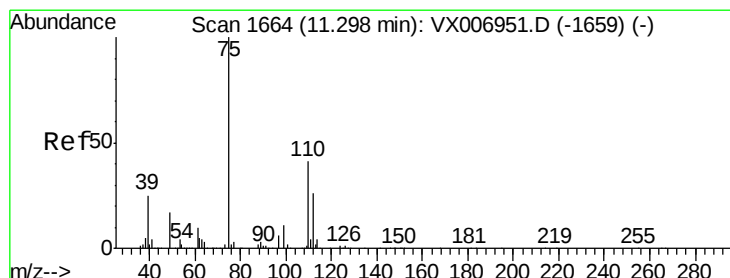
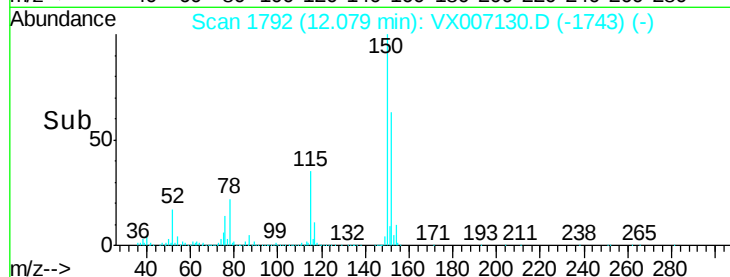
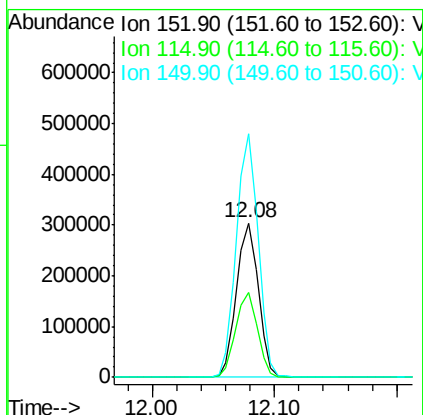
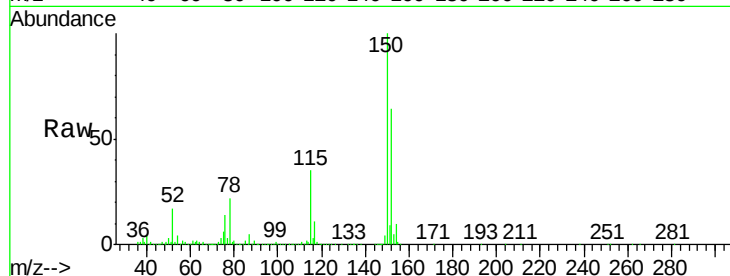


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007130.D
Acq: 18 Jan 2019 13:09

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

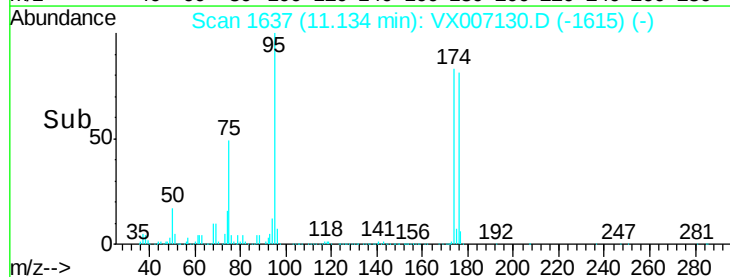
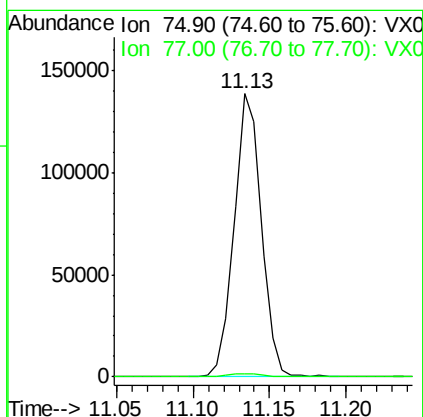
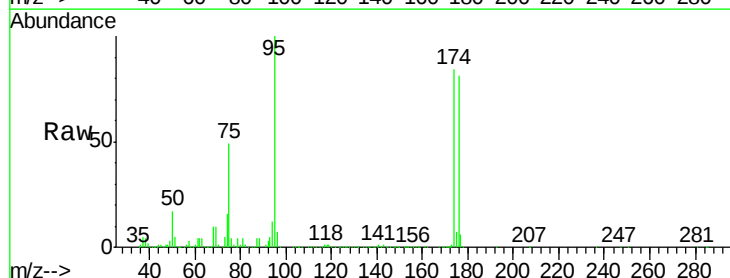
Tot Ion:152 Resp: 376347
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 157.0 0.0 344.8

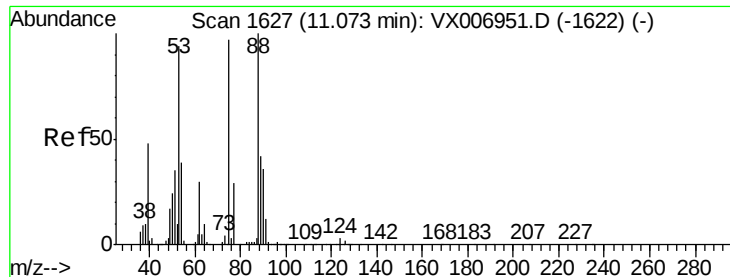


#76

1,2,3-Trichloropropane
Concen: 22.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007130.D
Acq: 18 Jan 2019 13:09

Tgt Ion: 75 Resp: 170845
Ion Ratio Lower Upper
75 100
77 1.6 18.5 55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 66.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007130.D

Acq: 18 Jan 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

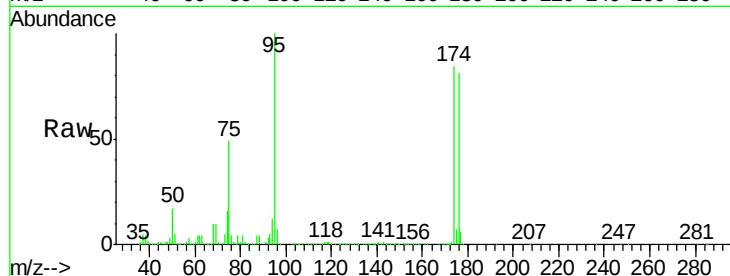
Tot Ion: 75 Resp: 170845

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

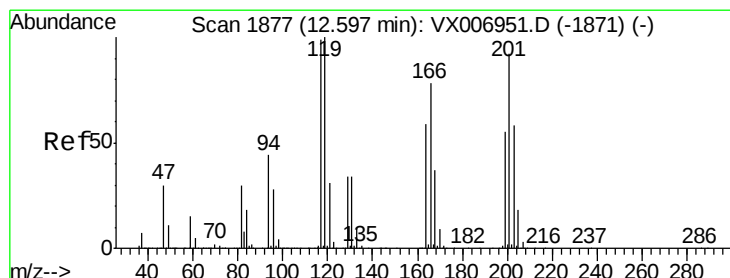
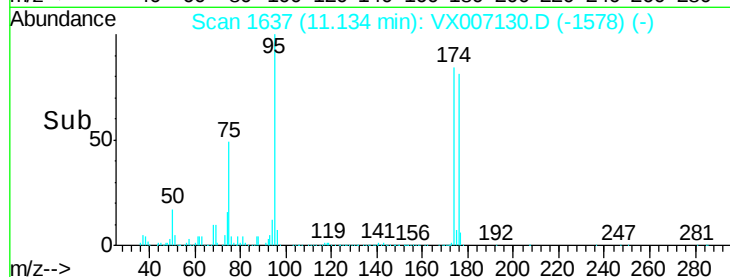
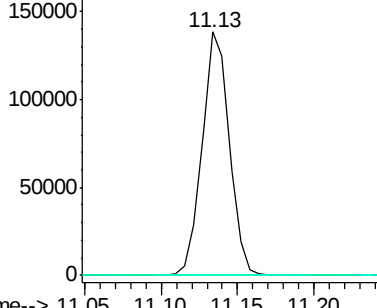
89 0.0 38.0 57.0#



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: 2.925 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007130.D

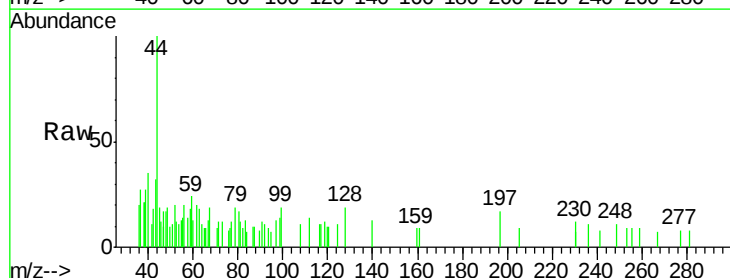
Acq: 18 Jan 2019 13:09

Tgt Ion: 117 Resp: 69

Ion Ratio Lower Upper

117 100

201 105.8 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

