

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000806.D
 Acq On : 12 Apr 2018 16:58
 Operator : JC/MD
 Sample : J2236-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040418

Quant Time: Apr 13 06:55:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	274874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	156054	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
35) Dibromofluoromethane	5.51	113	128200	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	8.73	98	491317	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.15	95	185556	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	

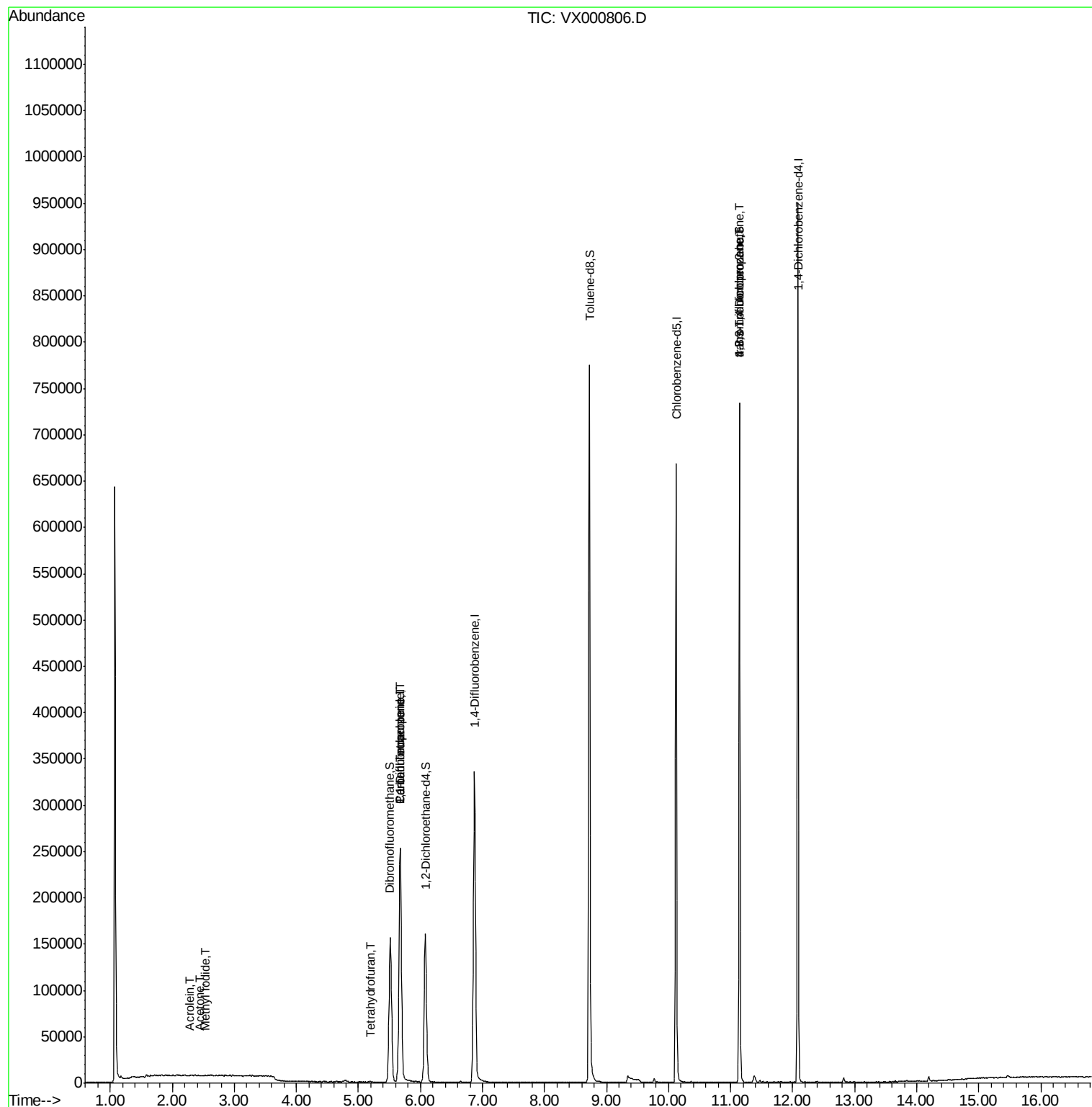
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	284	Below Cal	#	64
10) Methyl Iodide	2.53	142	224	8.32	ug/l #	72
13) Acrolein	2.29	56	90	0.30	ug/l	95
16) Acetone	2.45	43	537	0.45	ug/l	89
29) Tetrahydrofuran	5.18	42	531	0.42	ug/l #	41
36) 1,1-Dichloropropene	5.68	75	16987	4.30	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22767	5.15	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	91062	26.54	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	91062	72.99	ug/l #	11

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

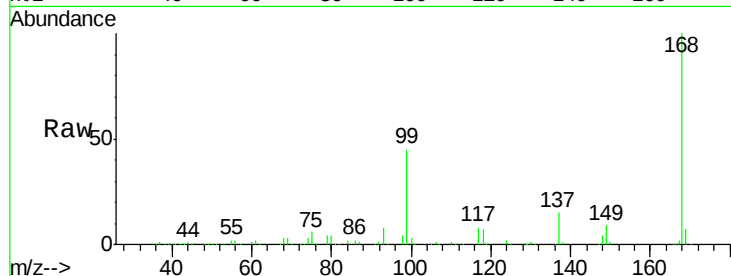
FB-040418

Tgt Ion:168 Resp: 274874

Ion Ratio Lower Upper

168 100

99 45.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

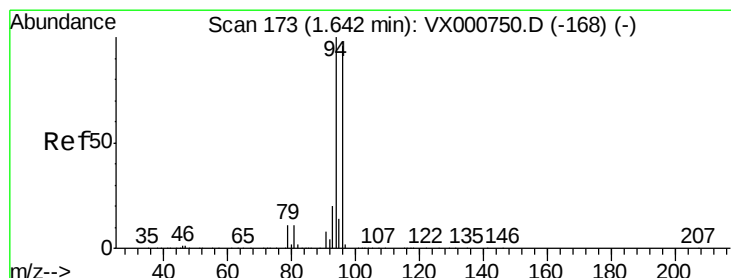
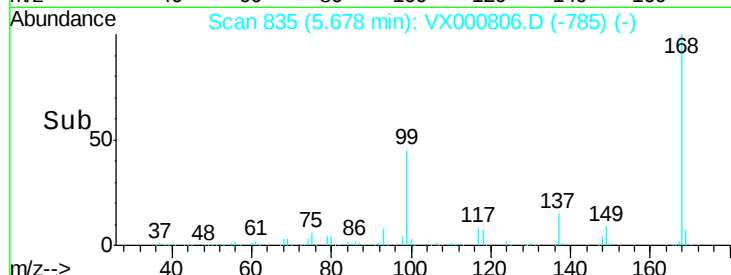
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000806.D

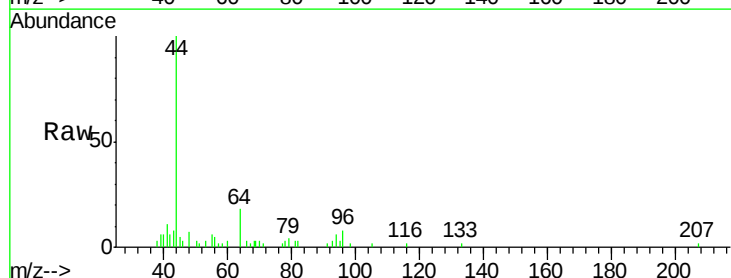
Acq: 12 Apr 2018 16:58

Tgt Ion: 94 Resp: 284

Ion Ratio Lower Upper

94 100

96 131.4 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

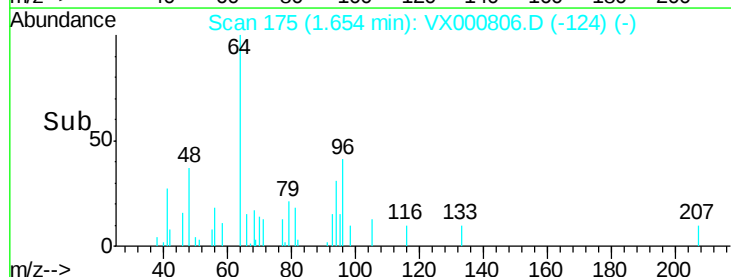
150

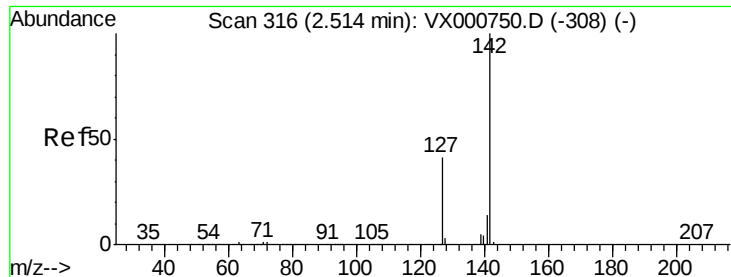
100

50

0

Time--> 1.62 1.64 1.66 1.68

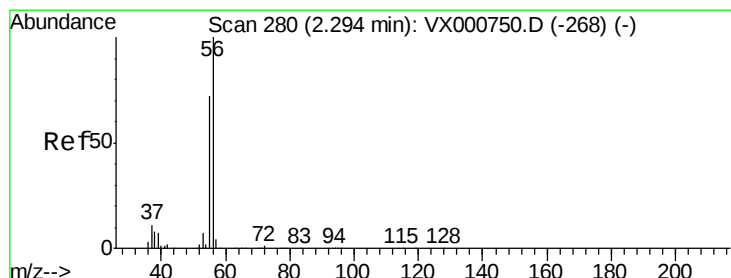
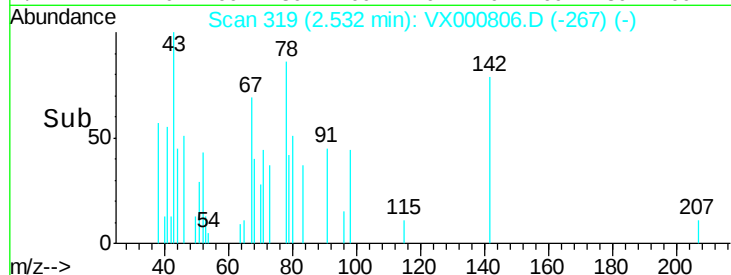
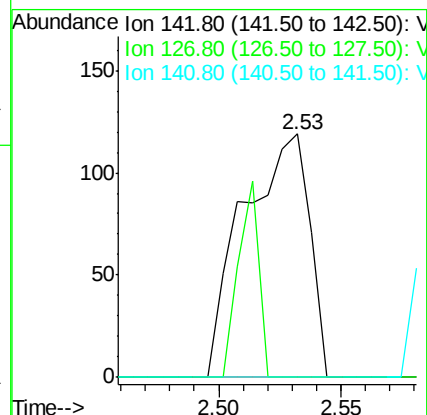
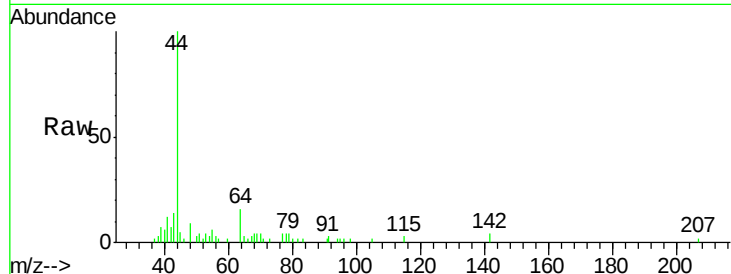




#10
Methyl Iodide
Concen: 8.32 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX000806.D
Acq: 12 Apr 2018 16:58

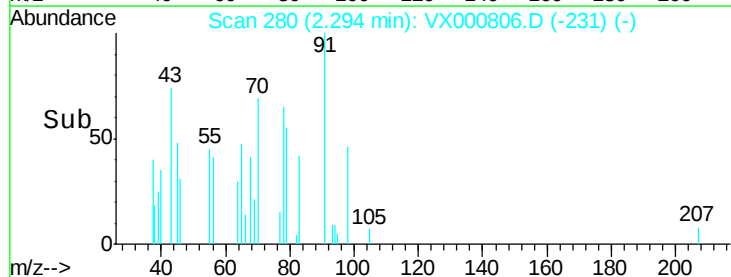
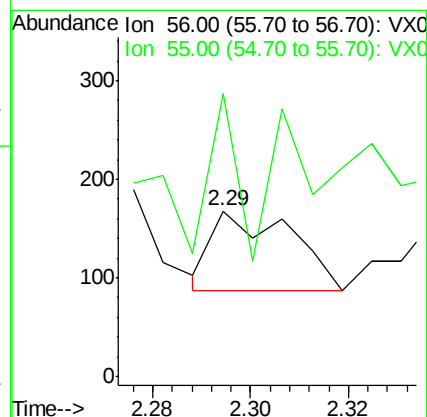
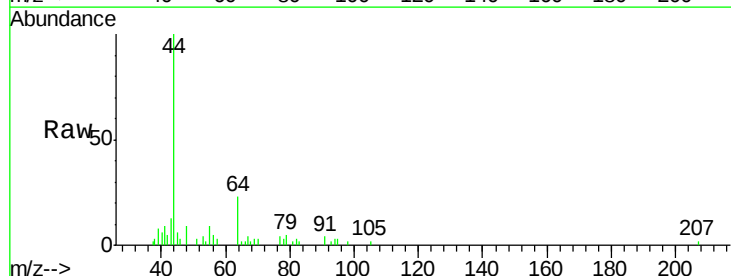
Instrument :
MSVOA_X
ClientSampleId :
FB-040418

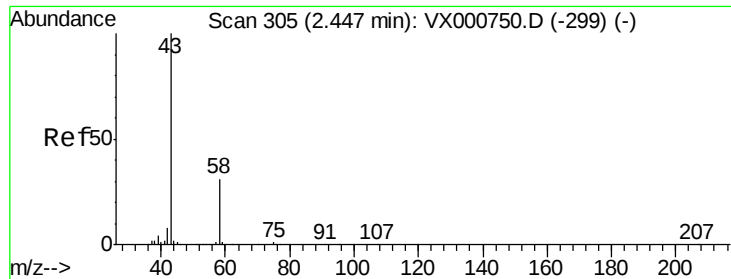
Tgt Ion:142 Resp: 224
Ion Ratio Lower Upper
142 100
127 24.6 32.6 49.0#
141 0.0 11.5 17.3#



#13
Acrolein
Concen: 0.30 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX000806.D
Acq: 12 Apr 2018 16:58

Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 68.9 58.7 88.1





#16

Acetone

Concen: 0.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

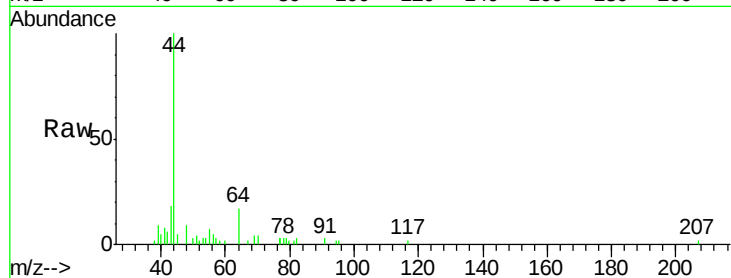
FB-040418

Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

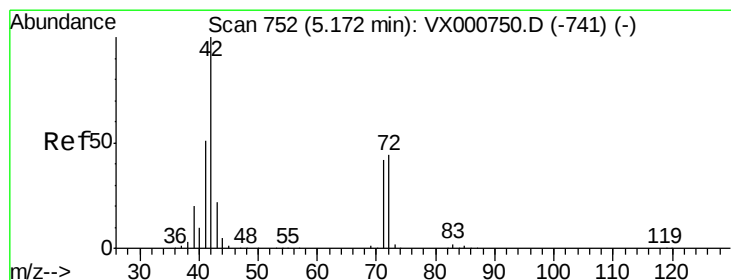
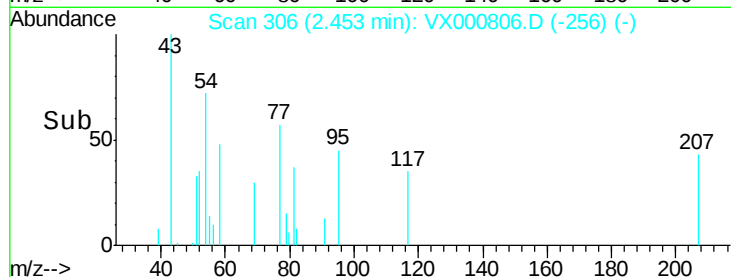
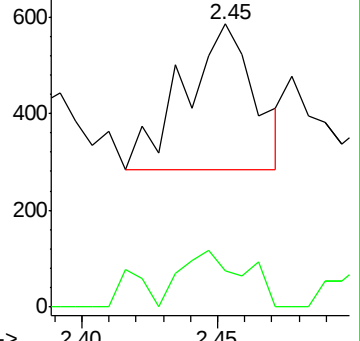
43 100

58 24.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

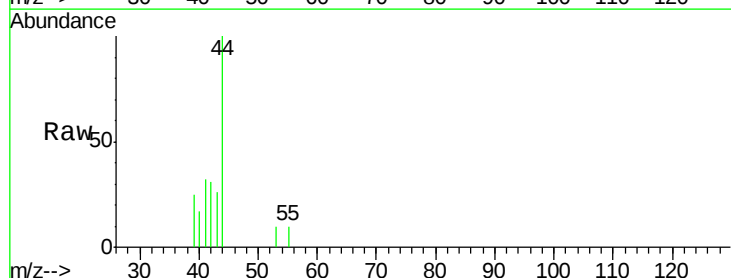
Tgt Ion: 42 Resp: 531

Ion Ratio Lower Upper

42 100

72 3.6 35.1 52.7#

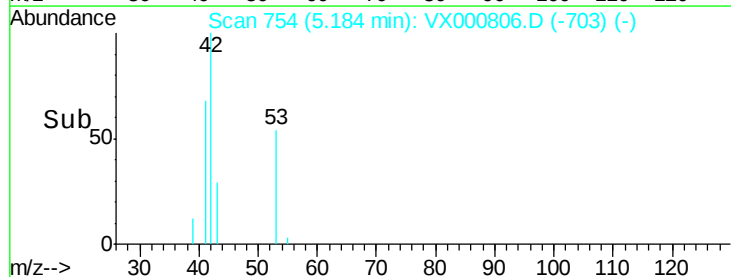
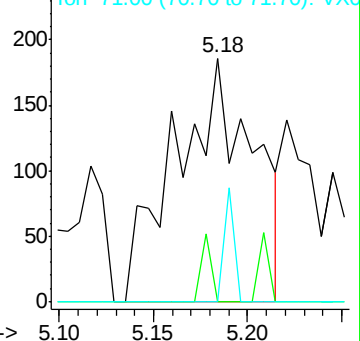
71 6.0 32.8 49.2#

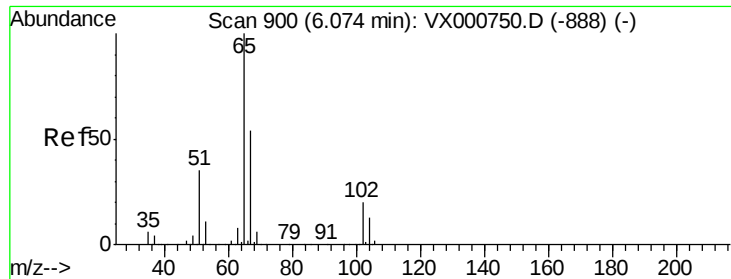


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.03 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

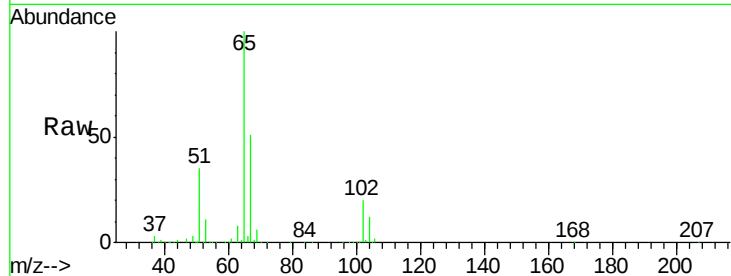
FB-040418

Tgt Ion: 65 Resp: 156054

Ion Ratio Lower Upper

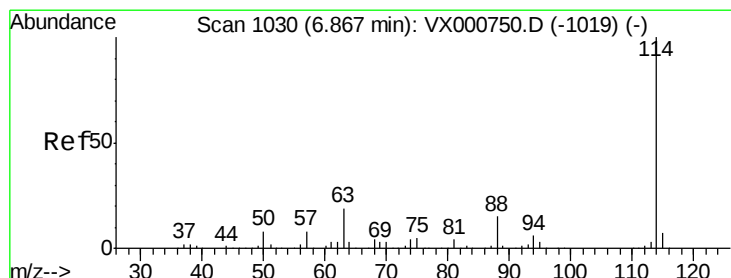
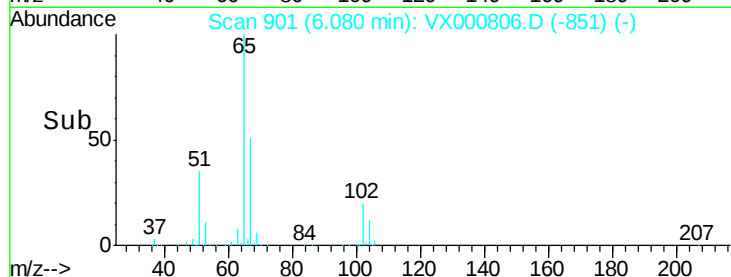
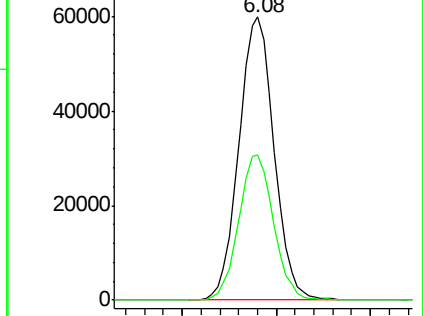
65 100

67 51.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

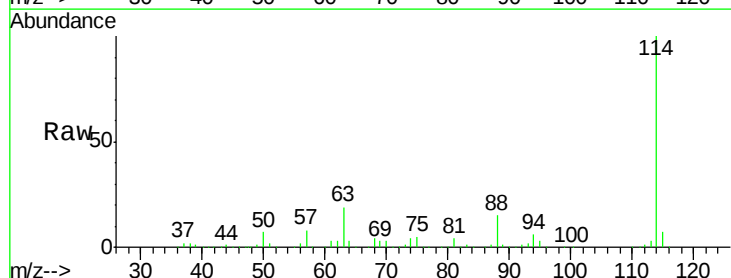
Tgt Ion: 114 Resp: 358447

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

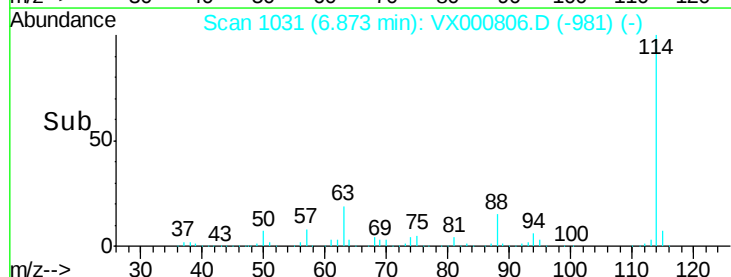
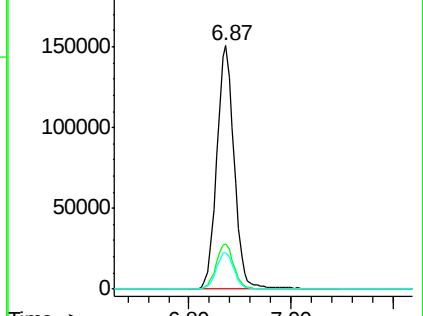
88 14.7 0.0 31.0

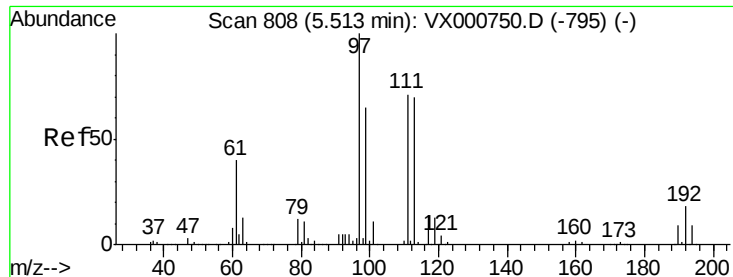


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

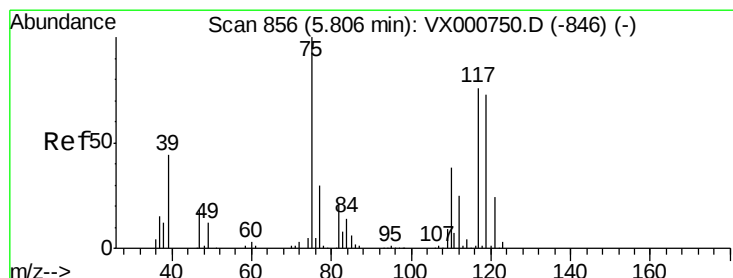
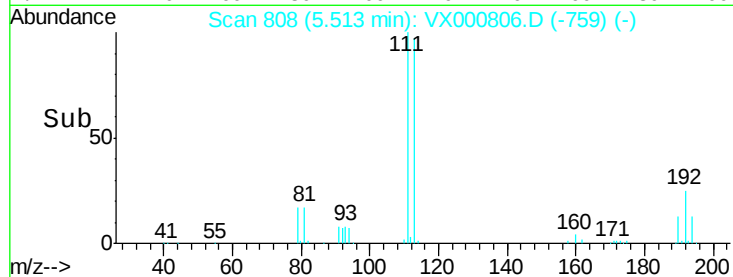
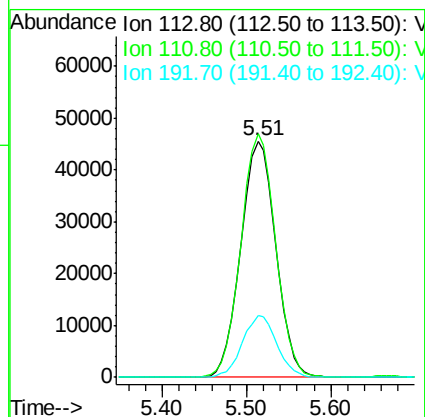
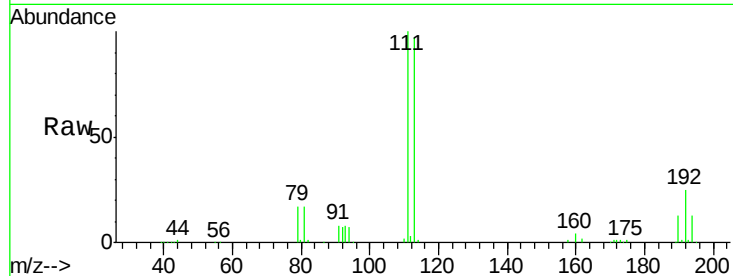




#35
 Dibromofluoromethane
 Concen: 46.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000806.D
 Acq: 12 Apr 2018 16:58

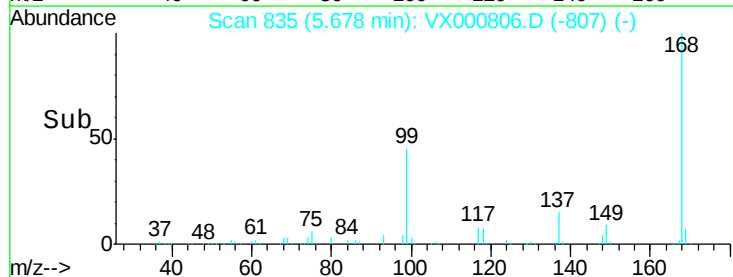
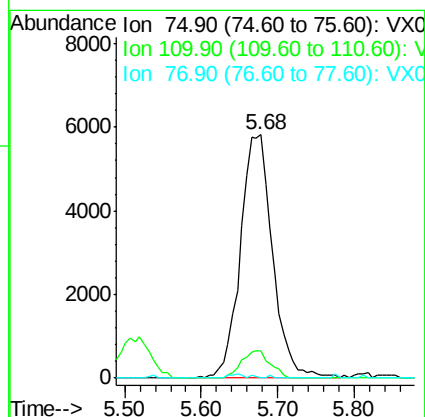
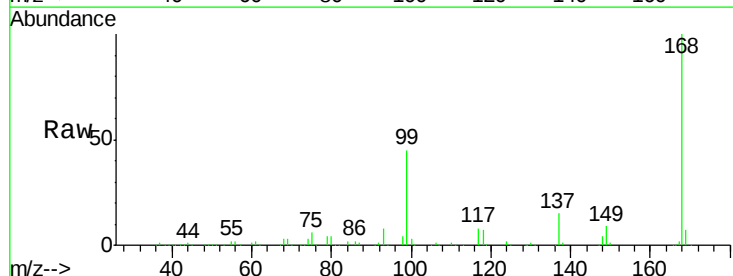
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040418

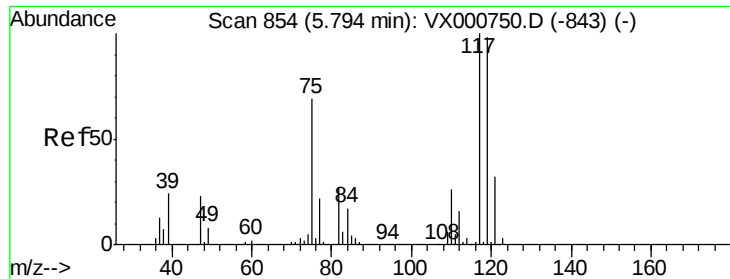
Tgt Ion:113 Resp: 128200
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 25.6 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.30 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000806.D
 Acq: 12 Apr 2018 16:58

Tgt Ion: 75 Resp: 16987
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.2 57.6#
 77 0.1 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.15 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

FB-040418

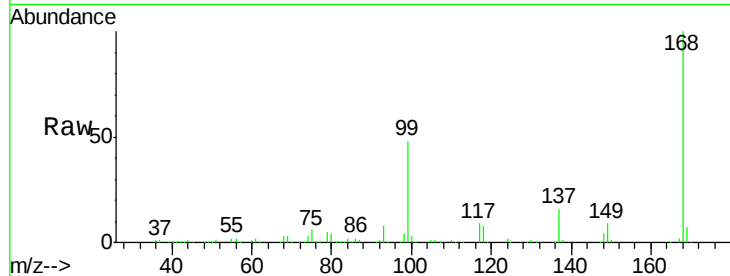
Tgt Ion:117 Resp: 22767

Ion Ratio Lower Upper

117 100

119 4.8 78.4 117.6#

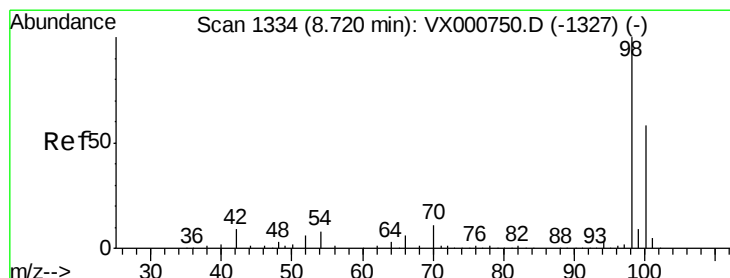
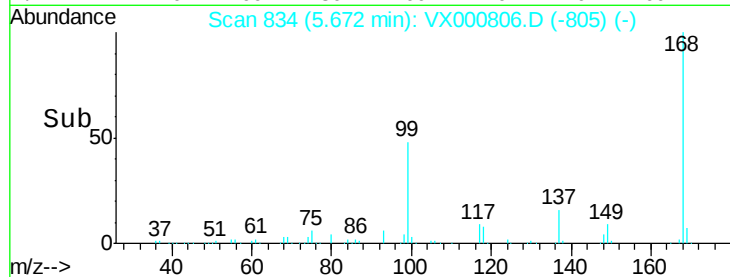
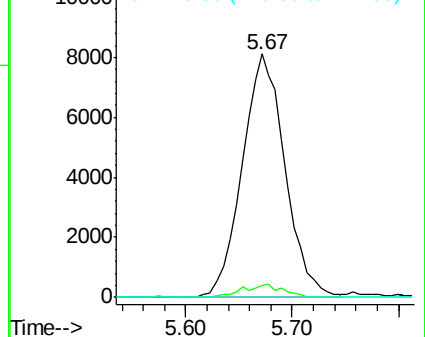
121 0.0 25.4 38.0#



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



#50

Toluene-d8

Concen: 47.78 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000806.D

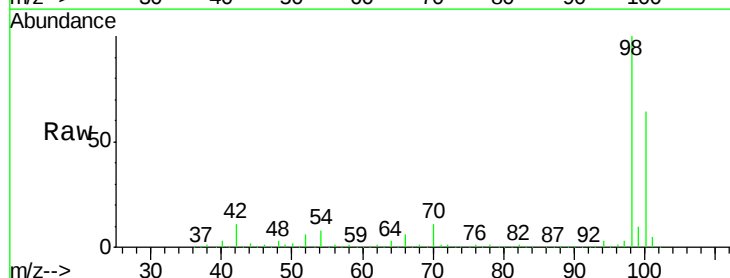
Acq: 12 Apr 2018 16:58

Tgt Ion: 98 Resp: 491317

Ion Ratio Lower Upper

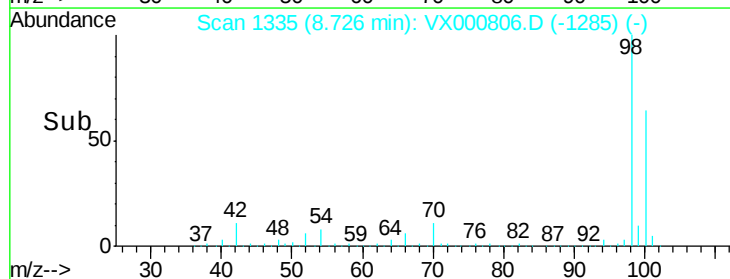
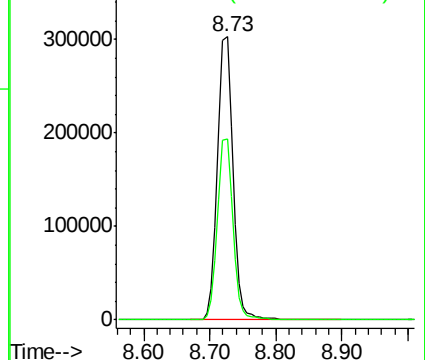
98 100

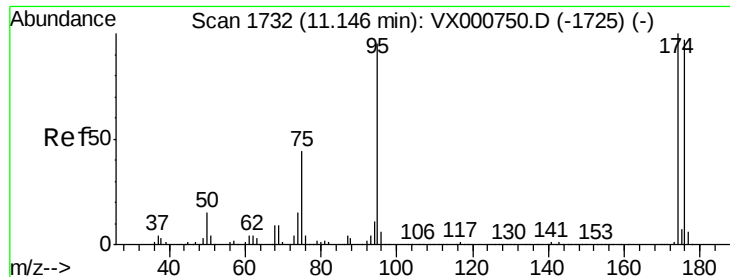
100 63.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

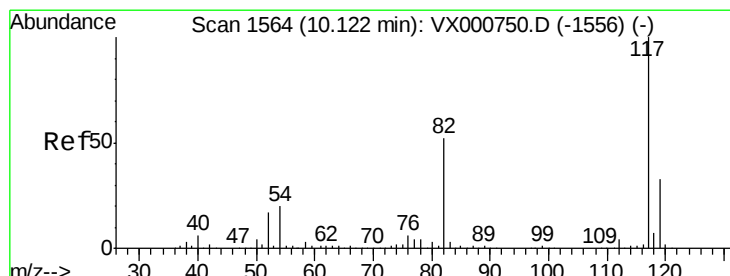
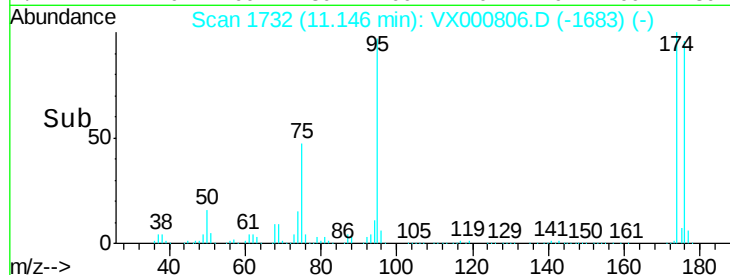
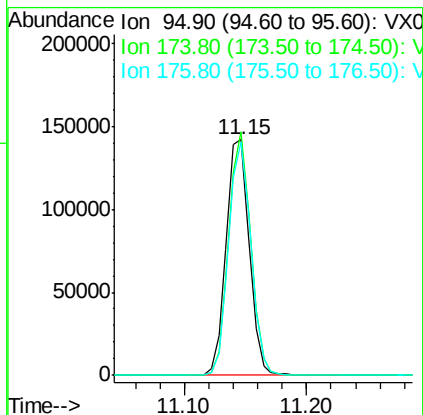
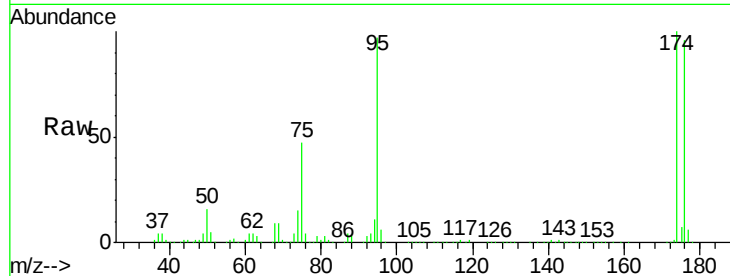




#62
4-Bromofluorobenzene
Concen: 43.62 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000806.D
Acq: 12 Apr 2018 16:58

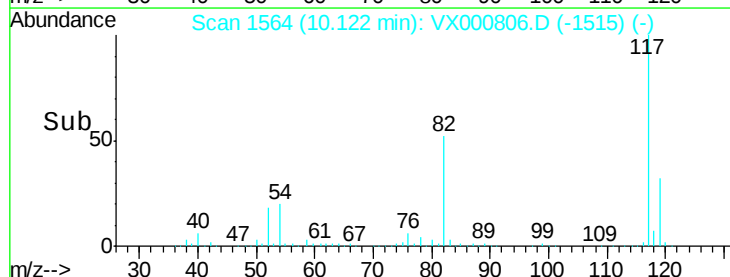
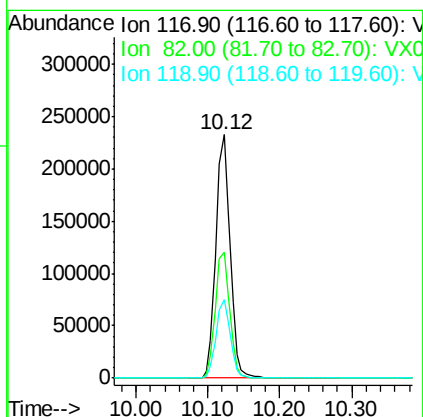
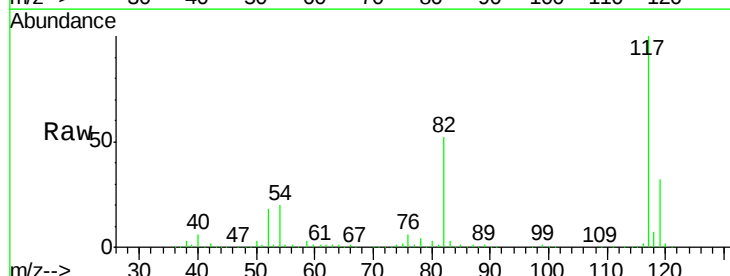
Instrument :
MSVOA_X
ClientSampleId :
FB-040418

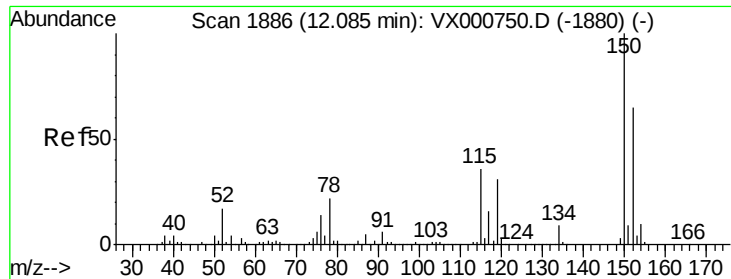
Tgt Ion: 95 Resp: 185556
Ion Ratio Lower Upper
95 100
174 97.9 0.0 198.4
176 95.3 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000806.D
Acq: 12 Apr 2018 16:58

Tgt Ion: 117 Resp: 317867
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

FB-040418

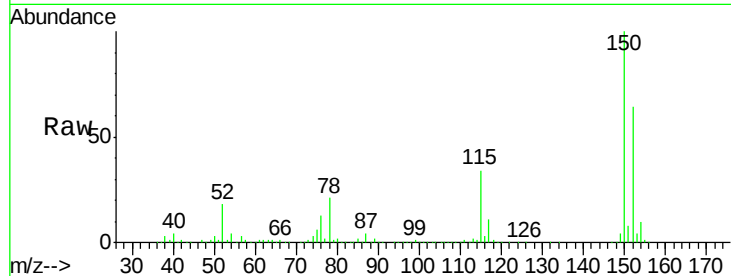
Tgt Ion:152 Resp: 198986

Ion Ratio Lower Upper

152 100

115 53.5 37.9 113.7

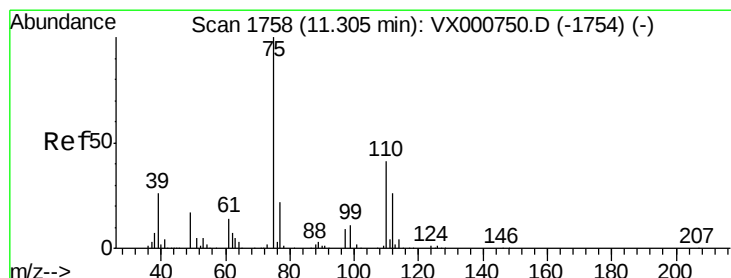
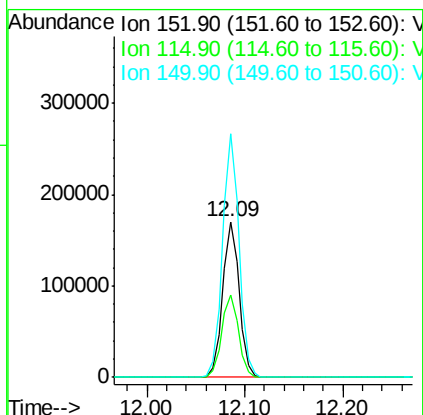
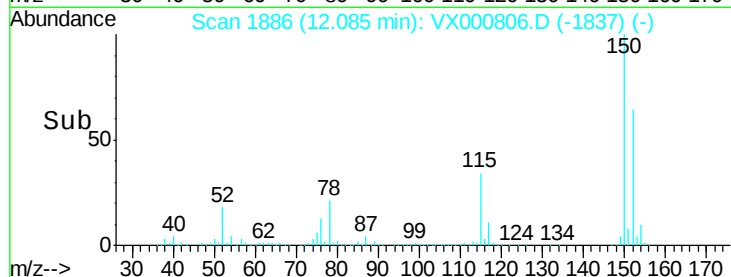
150 156.0 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000806.D

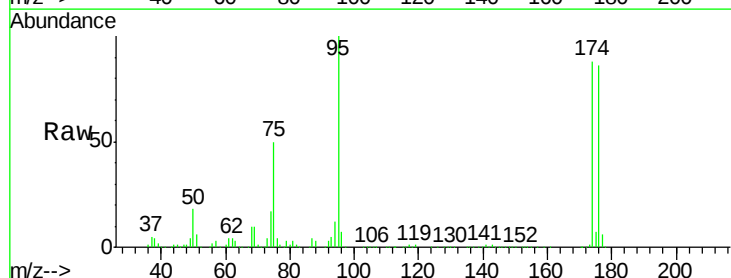
Acq: 12 Apr 2018 16:58

Tgt Ion: 75 Resp: 91062

Ion Ratio Lower Upper

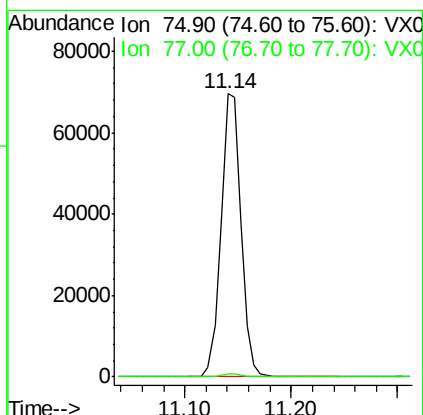
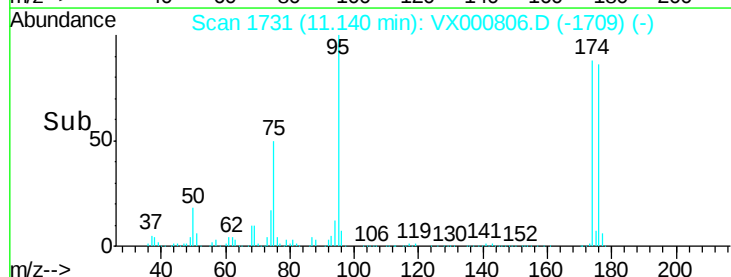
75 100

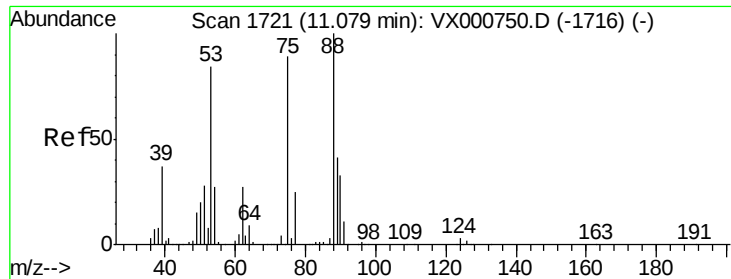
77 1.1 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000806.D

Acq: 12 Apr 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

FB-040418

Tgt Ion: 75 Resp: 91062

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

