

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002032.D
 Acq On : 26 May 2018 21:13
 Operator : JC/MD
 Sample : J3118-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW720-180521

Quant Time: May 28 03:18:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	435367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201036	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	261214	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	5.51	113	205455	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.72	98	772453	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	266821	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	

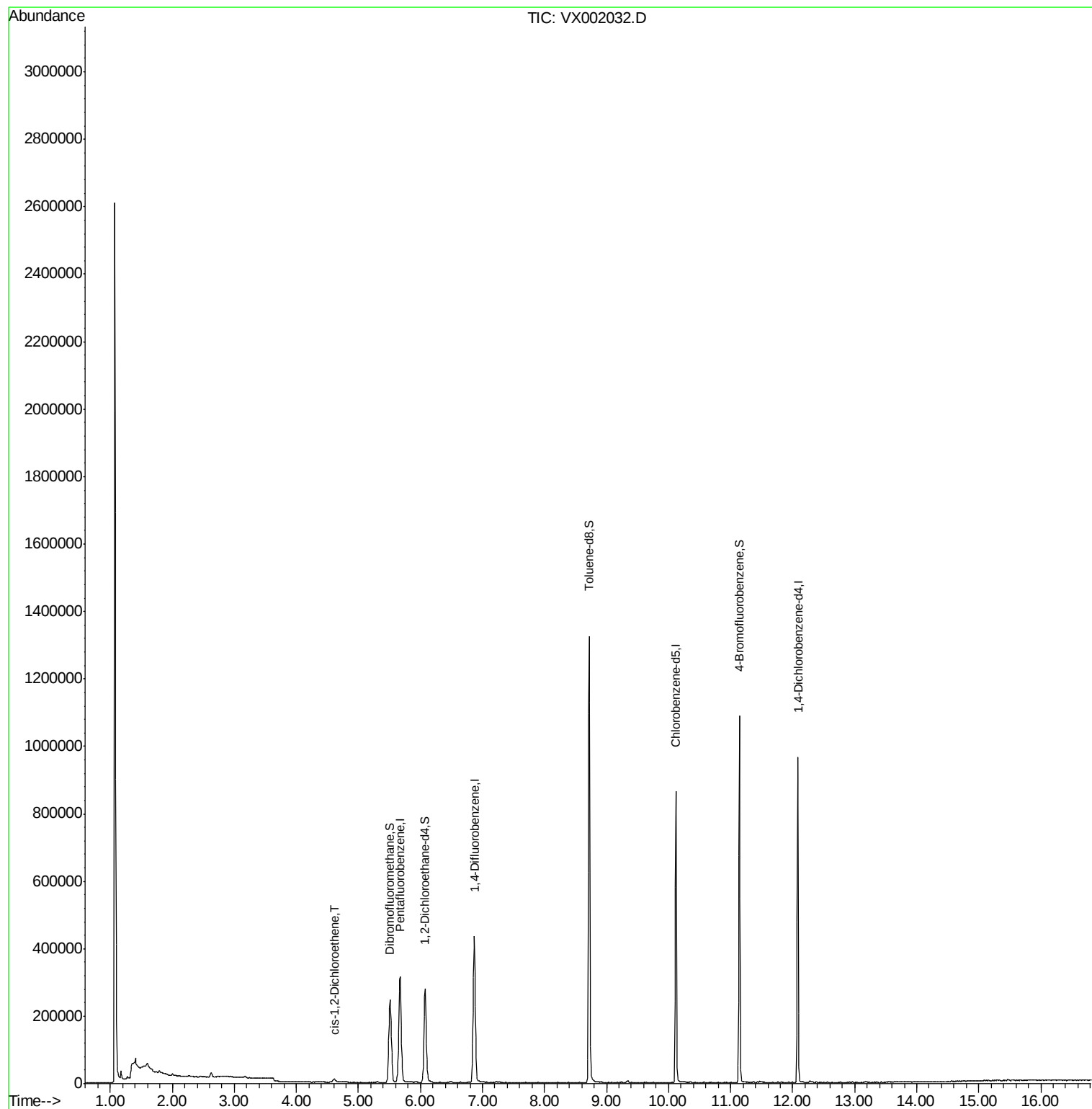
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	3873	0.80	ug/l	# 1

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002032.D

Acq: 26 May 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

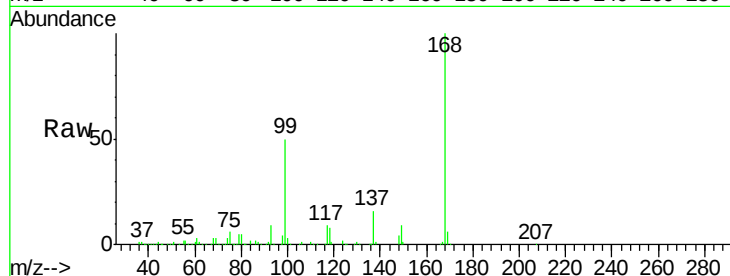
SS052MW720-180521

Tot Ion:168 Resp: 316642

Ion Ratio Lower Upper

168 100

99 50.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

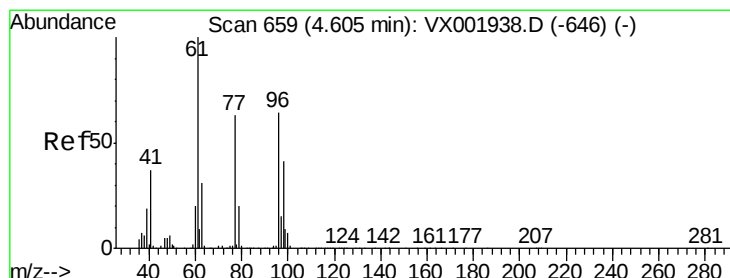
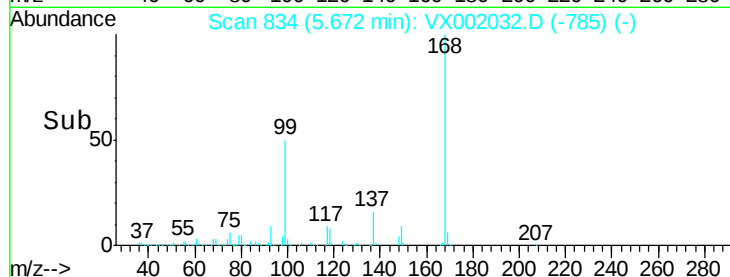
5.67

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.80 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002032.D

Acq: 26 May 2018 21:13

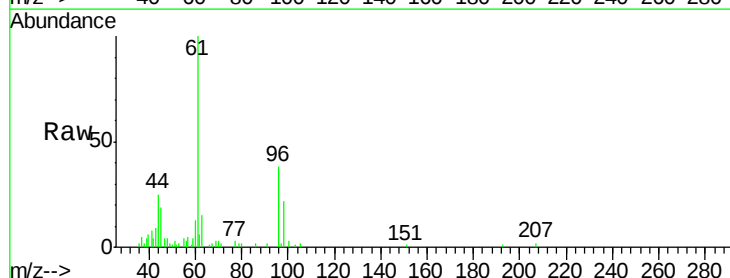
Tgt Ion: 96 Resp: 3873

Ion Ratio Lower Upper

96 100

61 433.5 0.0 348.4#

98 70.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

5000

4000

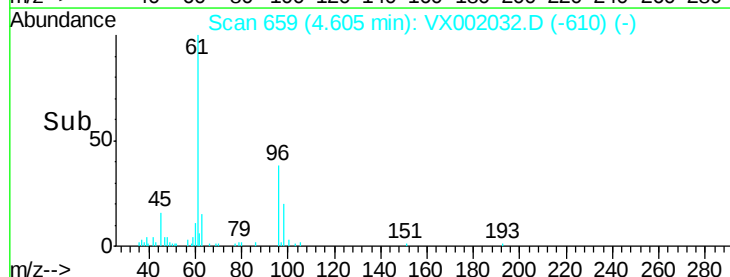
3000

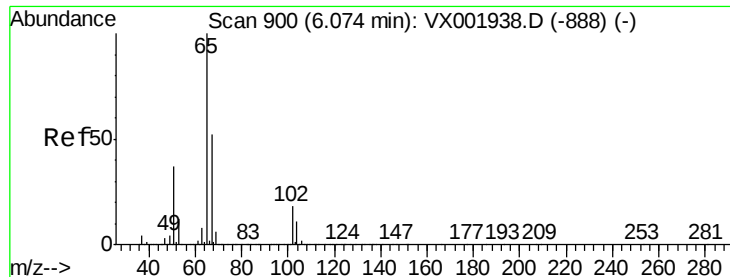
2000

1000

0

Time-->

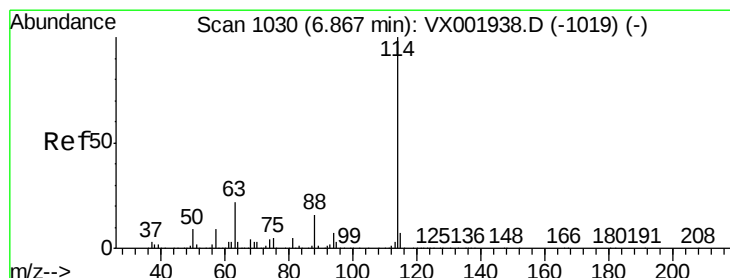
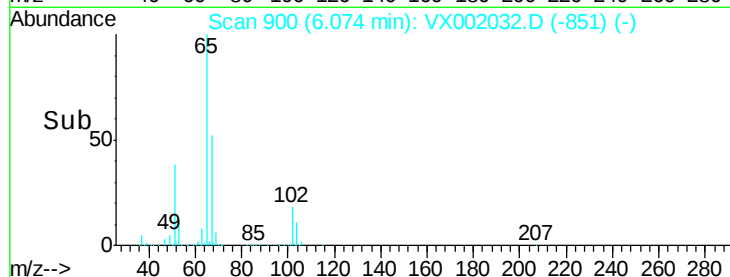
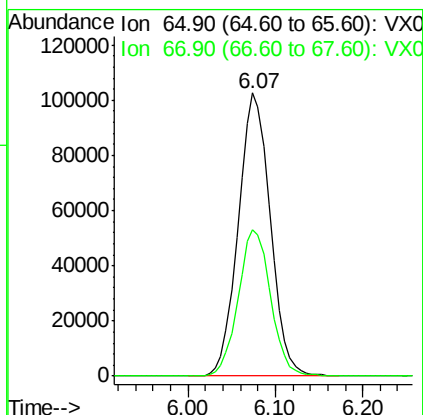
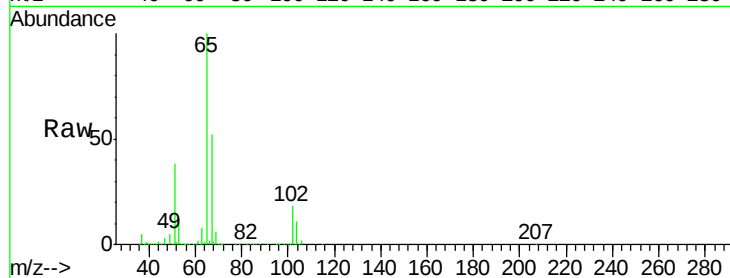




#33
 1,2-Dichloroethane-d4
 Concen: 46.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002032.D
 Acq: 26 May 2018 21:13

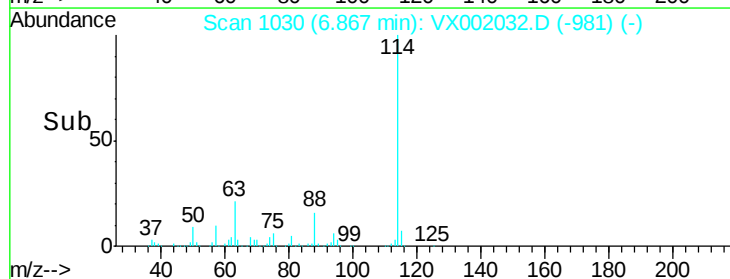
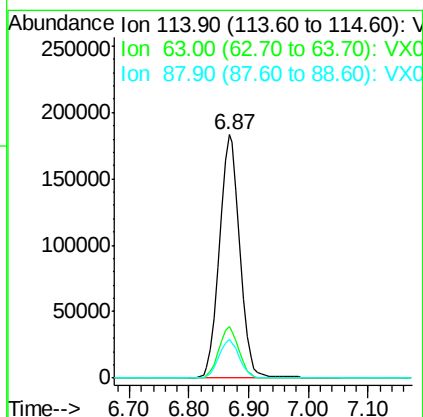
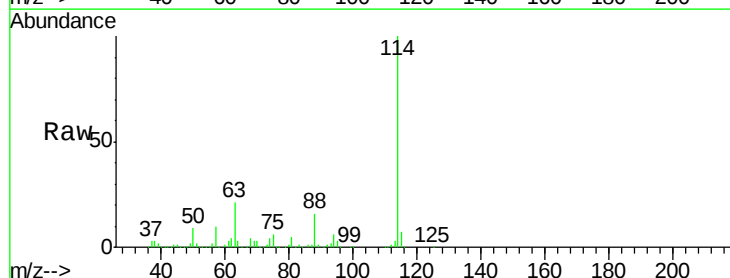
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW720-180521

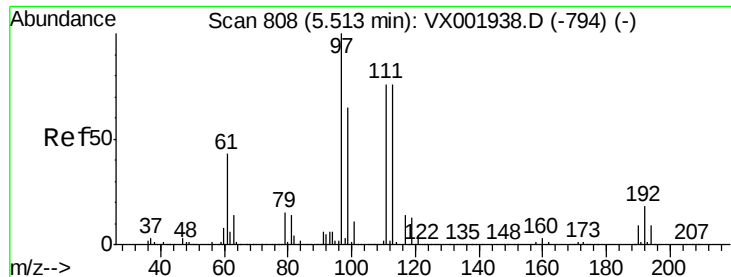
Tot Ion: 65 Resp: 261214
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002032.D
 Acq: 26 May 2018 21:13

Tgt Ion: 114 Resp: 435367
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.19 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002032.D

Acq: 26 May 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW720-180521

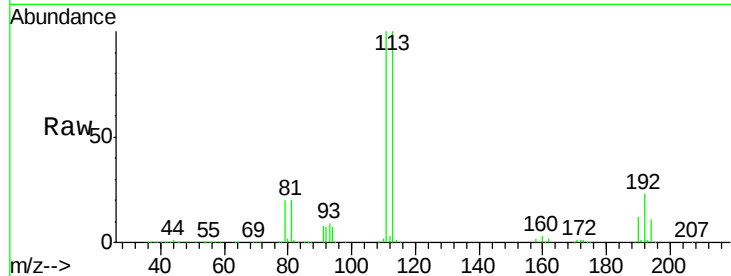
Tot Ion:113 Resp: 205455

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

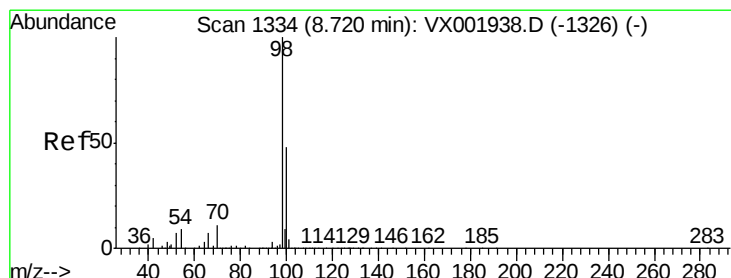
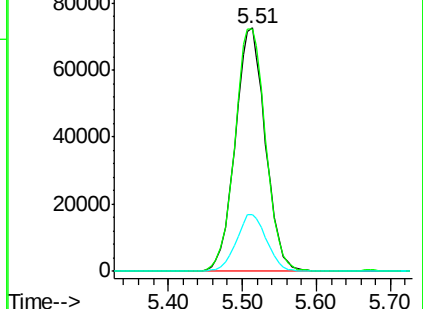
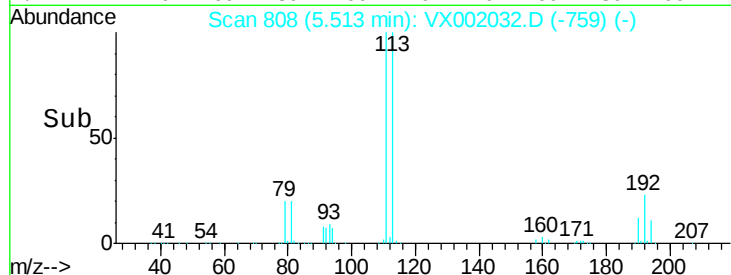
192 23.5 18.9 28.3



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



#50

Toluene-d8

Concen: 49.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002032.D

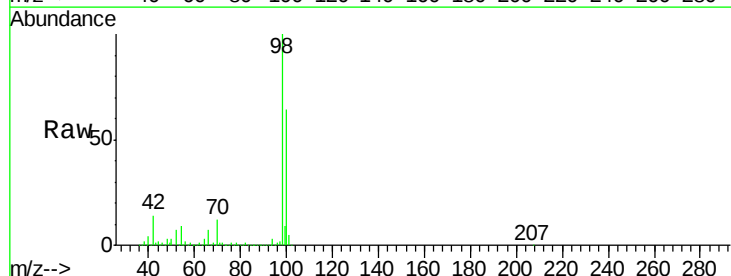
Acq: 26 May 2018 21:13

Tgt Ion: 98 Resp: 772453

Ion Ratio Lower Upper

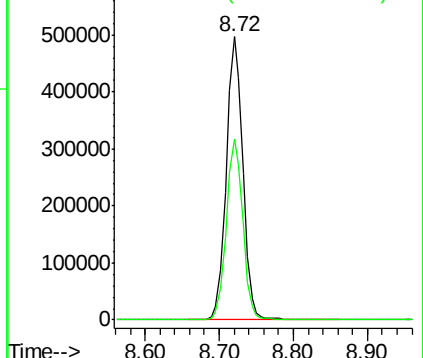
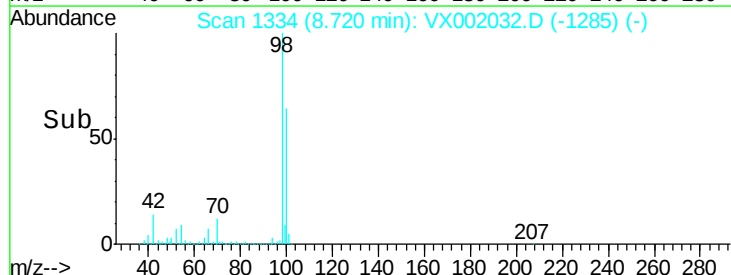
98 100

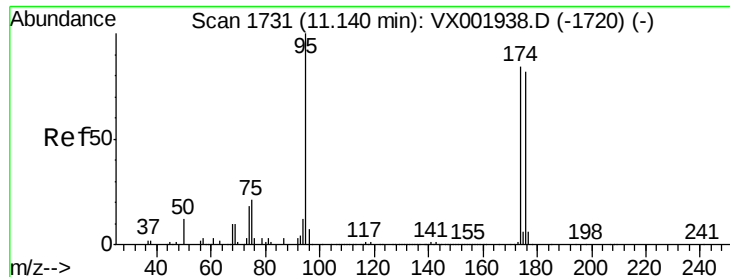
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

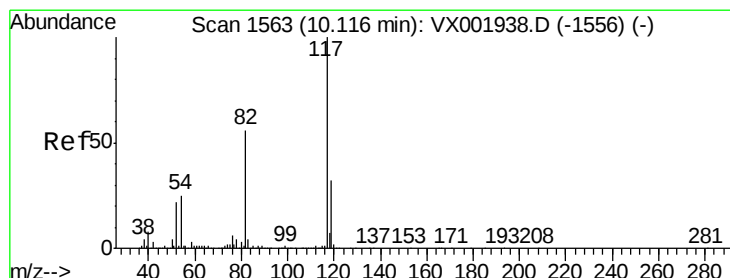
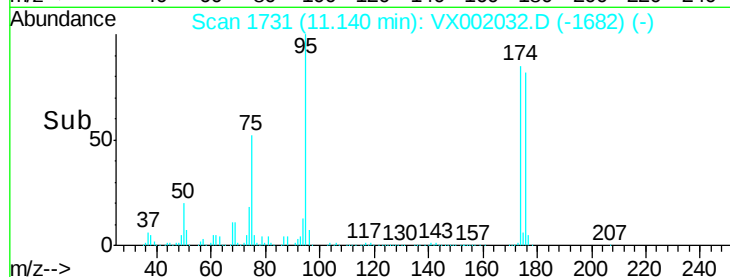
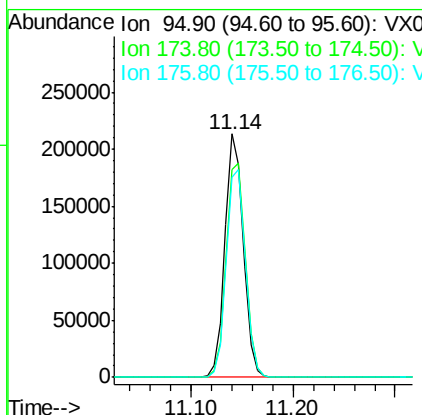
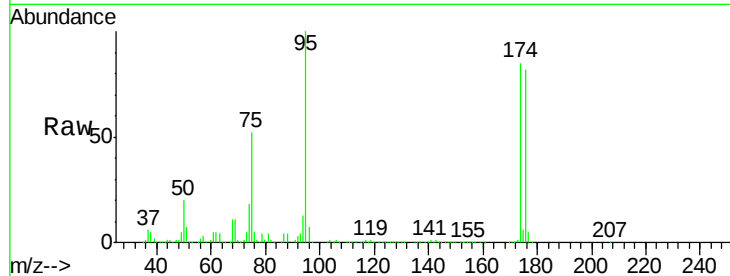




#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002032.D
Acq: 26 May 2018 21:13

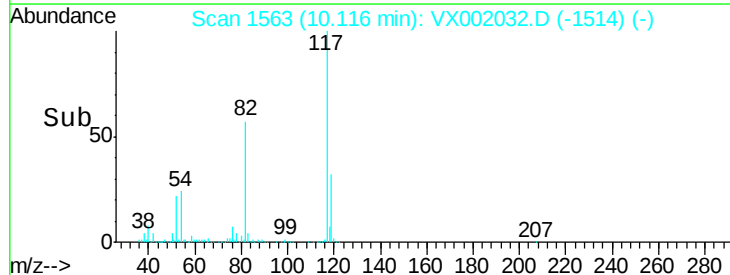
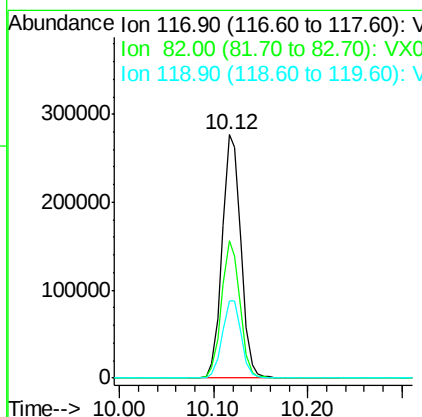
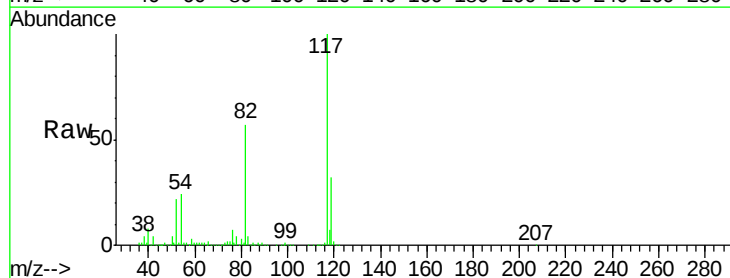
Instrument :
MSVOA_X
ClientSampleId :
SS052MW720-180521

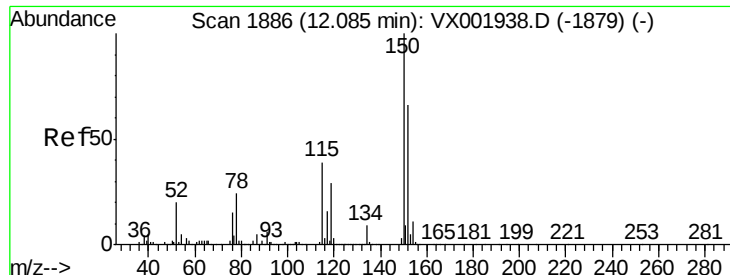
Tot Ion: 95 Resp: 266821
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.8
176 88.4 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002032.D
Acq: 26 May 2018 21:13

Tgt Ion: 117 Resp: 380246
Ion Ratio Lower Upper
117 100
82 56.5 44.8 67.2
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002032.D

Acq: 26 May 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW720-180521

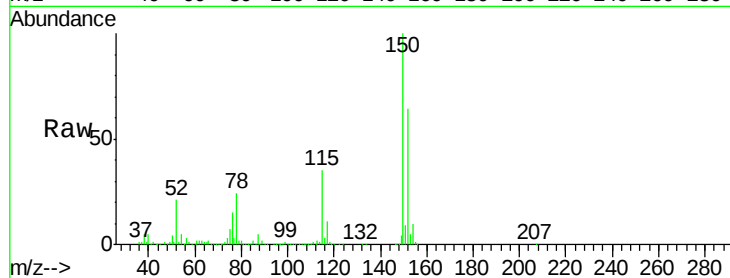
Tot Ion:152 Resp: 201036

Ion Ratio Lower Upper

152 100

115 55.0 42.3 126.8

150 155.6 0.0 351.0



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

