

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001972.D
 Acq On : 25 May 2018 13:04
 Operator : JC/MD
 Sample : J3076-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20180521

Quant Time: May 26 01:49:32 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	341825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	509404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245756	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334407	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
35) Dibromofluoromethane	5.51	113	258995	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.72	98	934887	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.14	95	339550	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

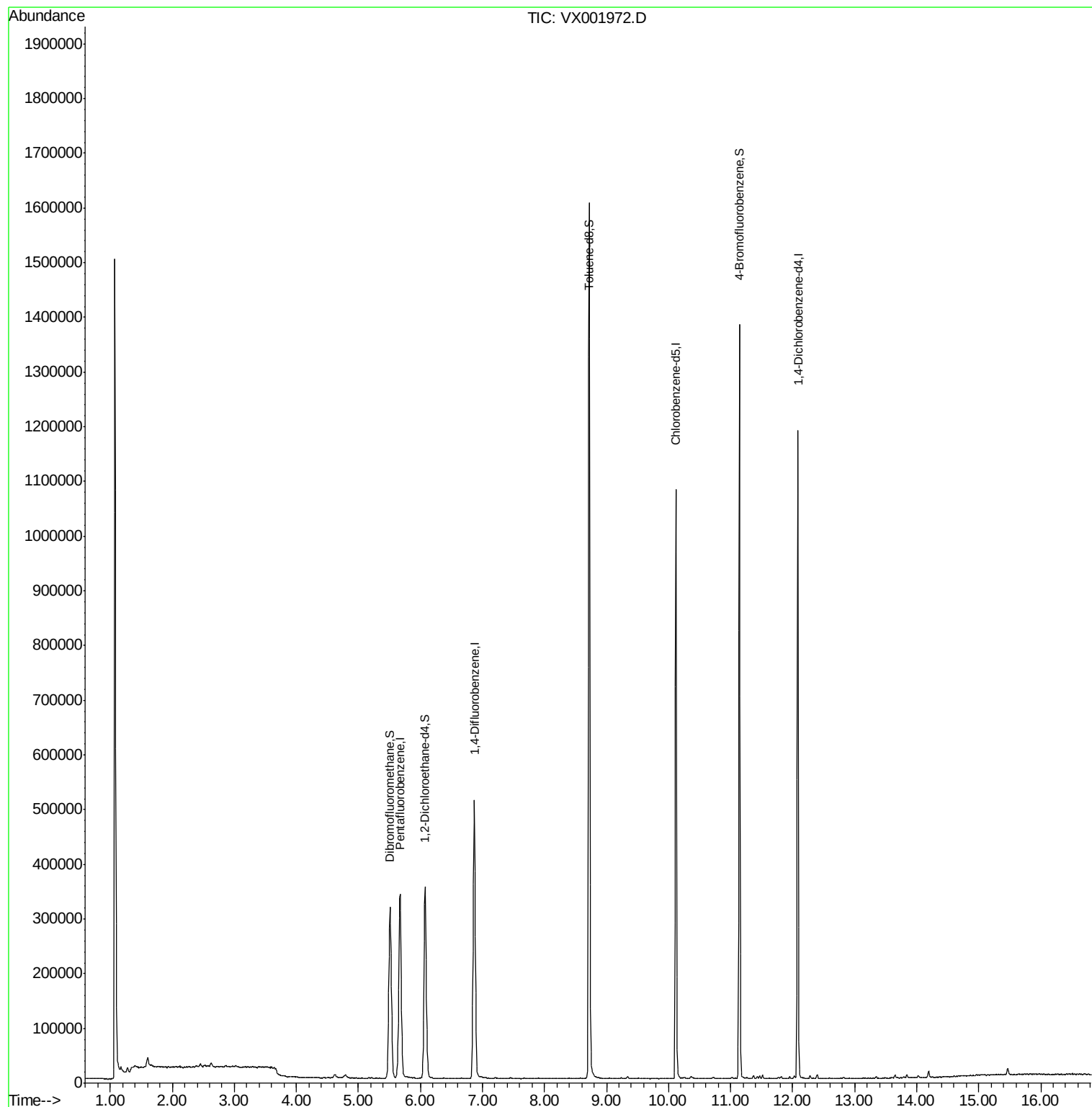
Target Compounds	Qvalue

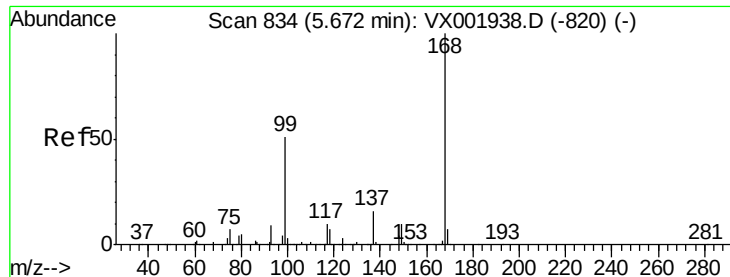
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001972.D

Acq: 25 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

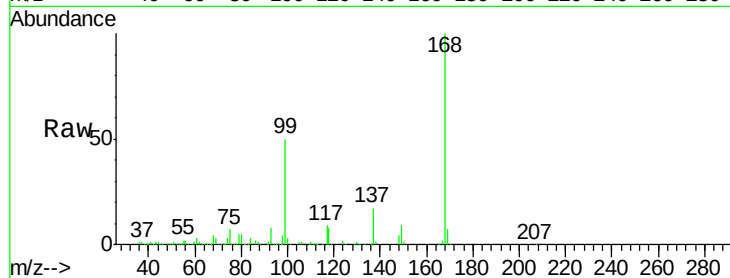
FB-20180521

Tot Ion:168 Resp: 341825

Ion Ratio Lower Upper

168 100

99 49.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

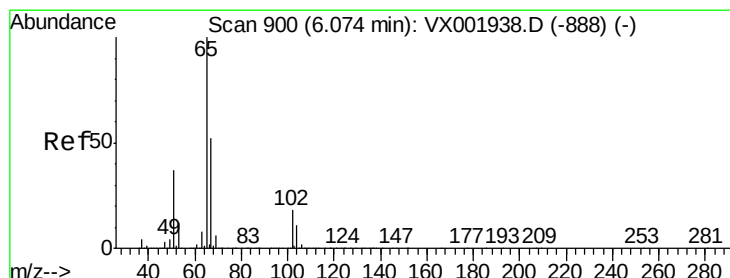
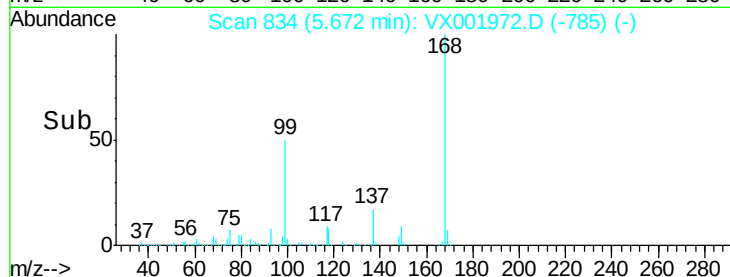
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.730 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001972.D

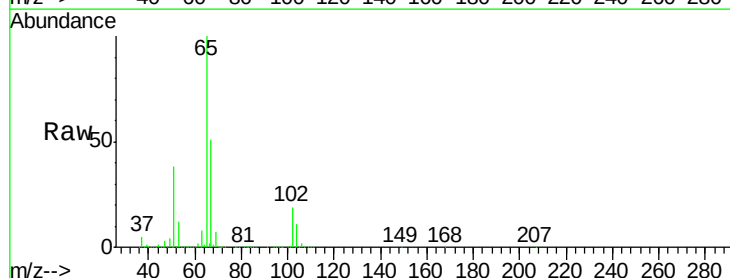
Acq: 25 May 2018 13:04

Tgt Ion: 65 Resp: 334407

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

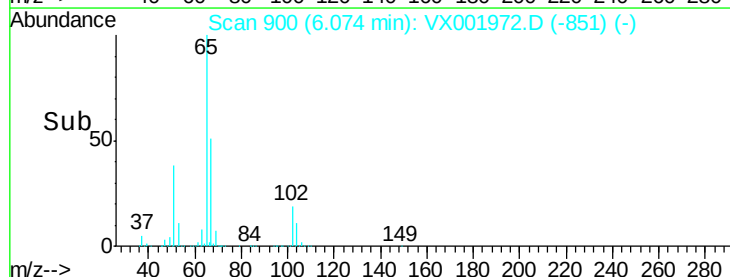
150000

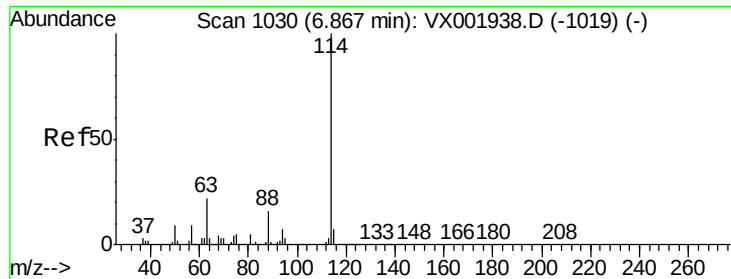
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

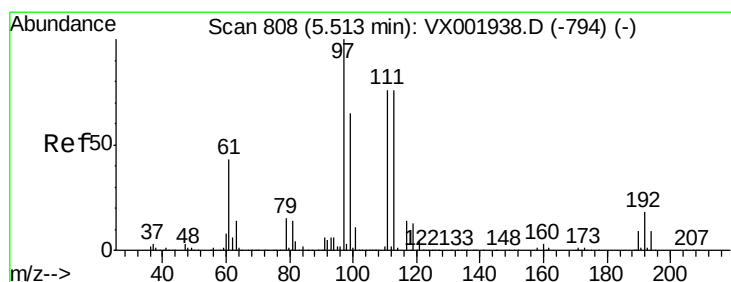
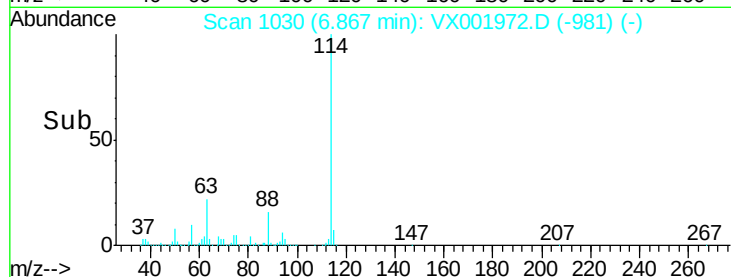
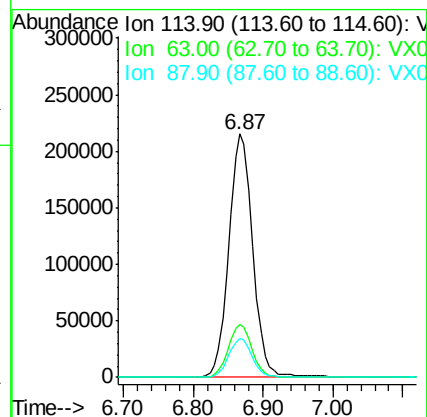
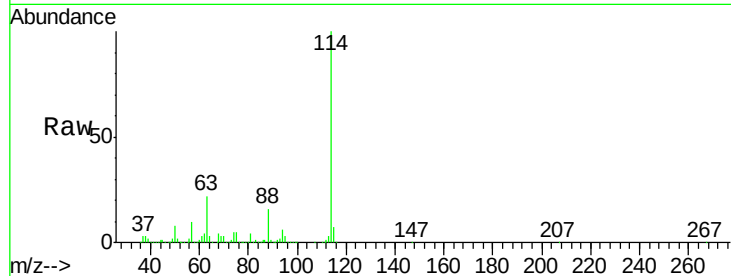




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

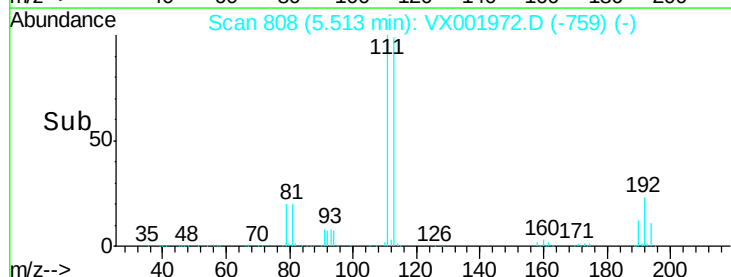
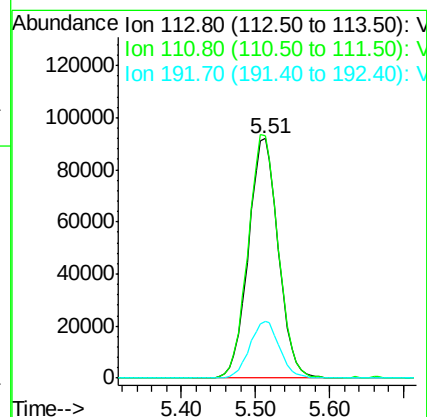
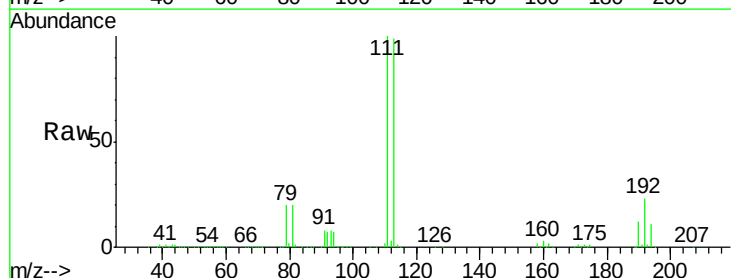
Instrument :
MSVOA_X
ClientSampleId :
FB-20180521

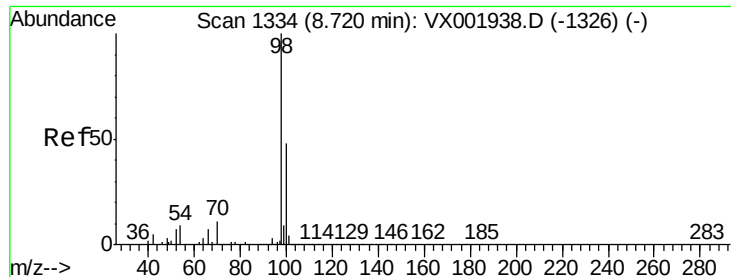
Tot Ion:114 Resp: 509404
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.843 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

Tgt Ion:113 Resp: 258995
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 23.6 18.9 28.3

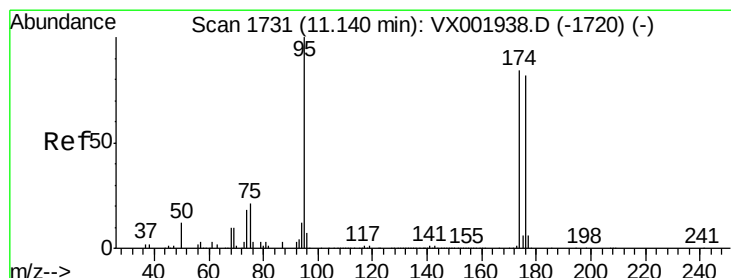
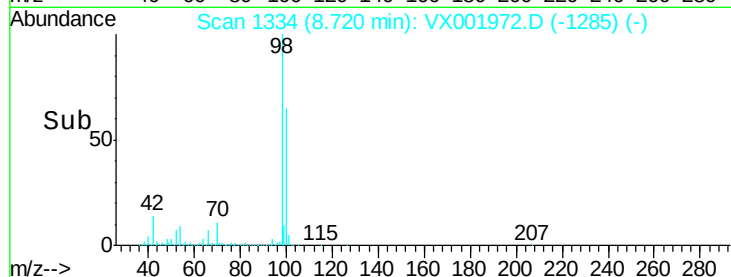
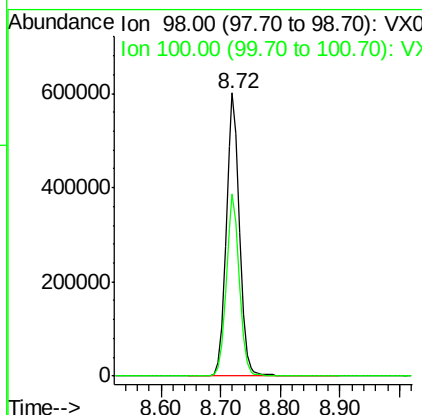
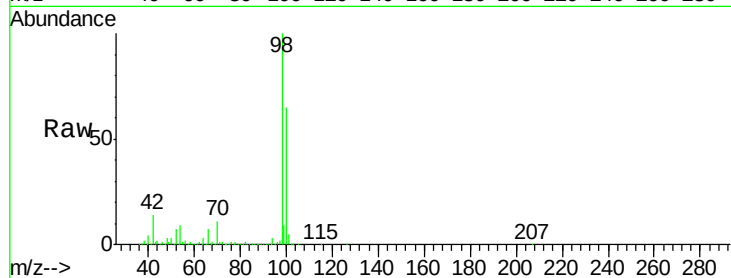




#50
Toluene-d8
Concen: 50.693 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

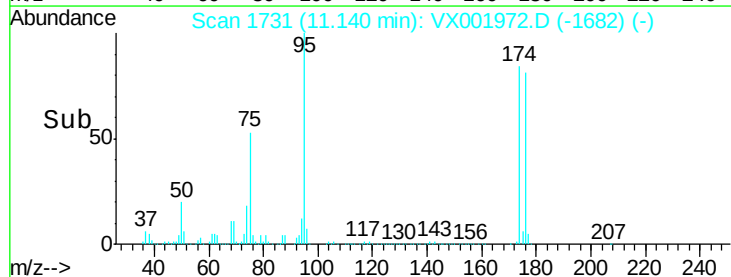
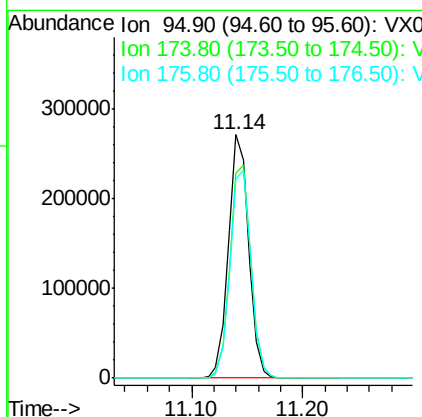
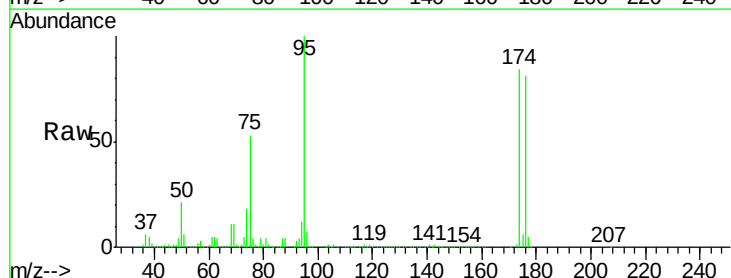
Instrument :
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FB-20180521

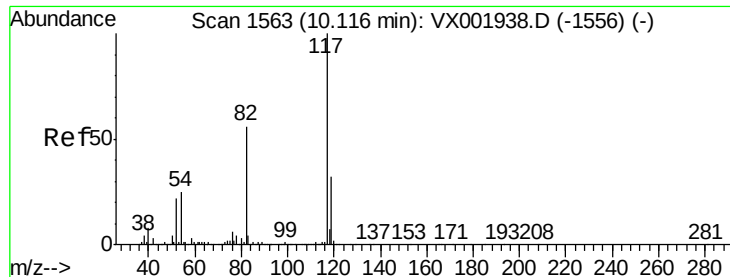
Tot Ion: 98 Resp: 934887
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.057 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

Tgt Ion: 95 Resp: 339550
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.8
176 88.5 0.0 175.6

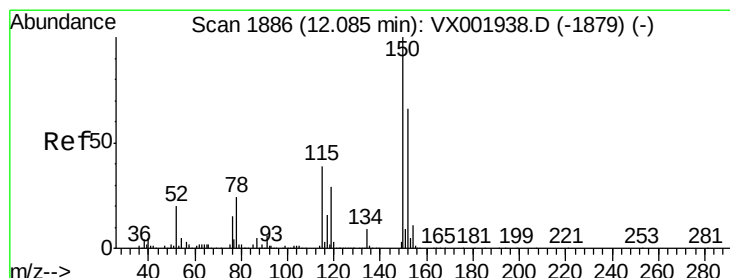
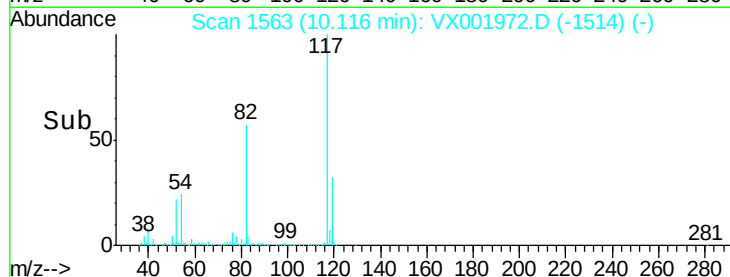
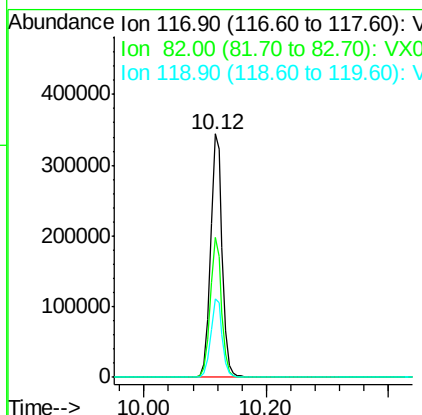
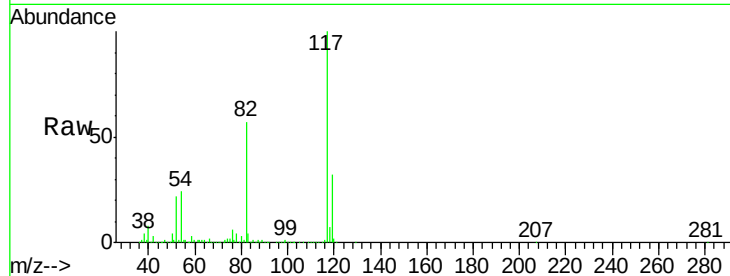




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
FB-20180521

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.8	67.2
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001972.D
Acq: 25 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	42.3	126.8
150	156.4	0.0	351.0

