

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002006.D
 Acq On : 26 May 2018 05:01
 Operator : JC/MD
 Sample : J3065-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: May 26 06:36:57 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

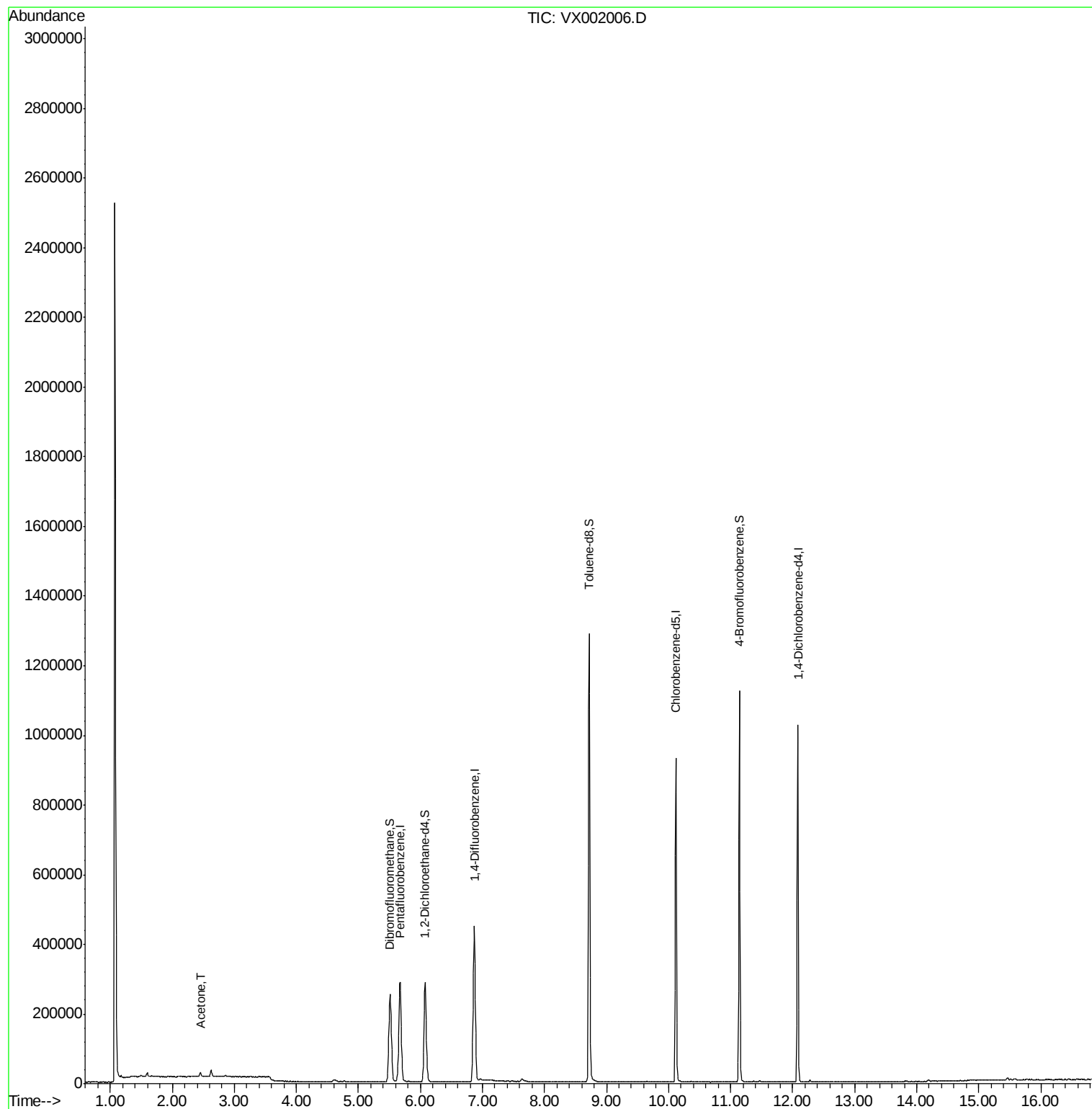
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269700	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	5.51	113	209547	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	8.72	98	765966	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.14	95	275932	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
Target Compounds						
16) Acetone	2.45	43	12139	6.100	ug/l	Qvalue 100

(#) = 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: VX002006.D

Acq: 26 May 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

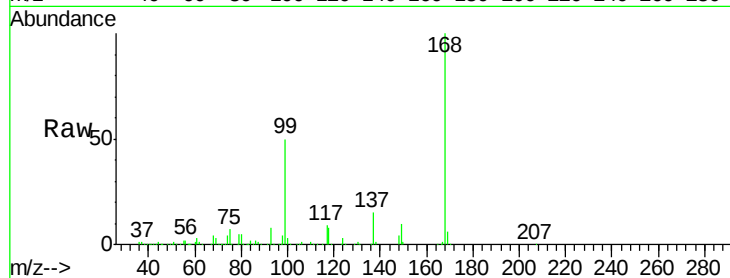
MW-34

Tot Ion:168 Resp: 288448

Ion Ratio Lower Upper

168 100

99 50.2 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

120000

100000

80000

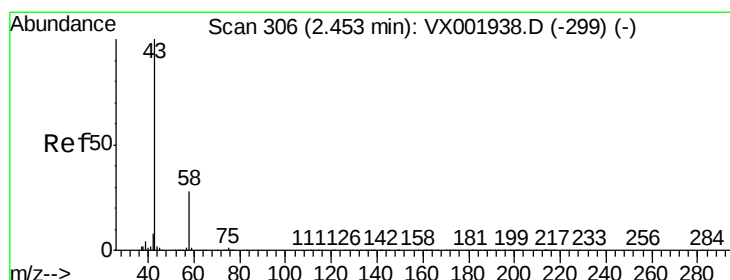
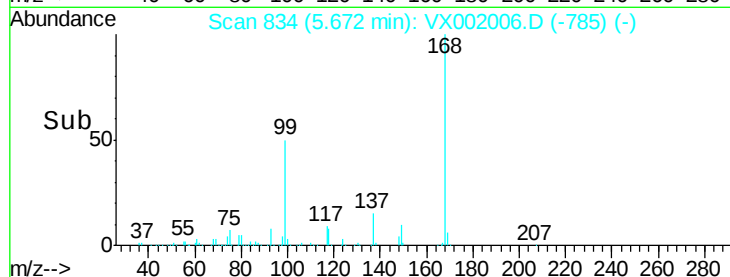
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.100 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002006.D

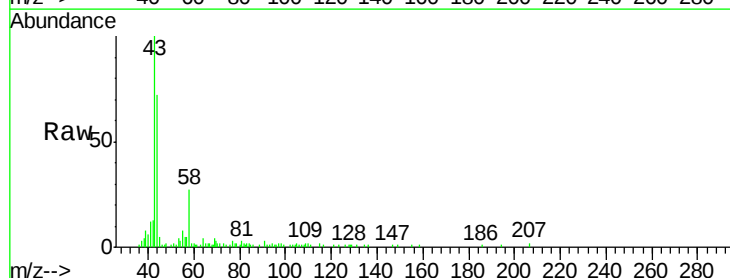
Acq: 26 May 2018 05:01

Tgt Ion: 43 Resp: 12139

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

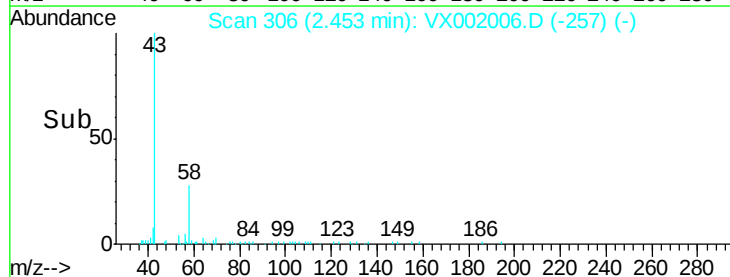
6000

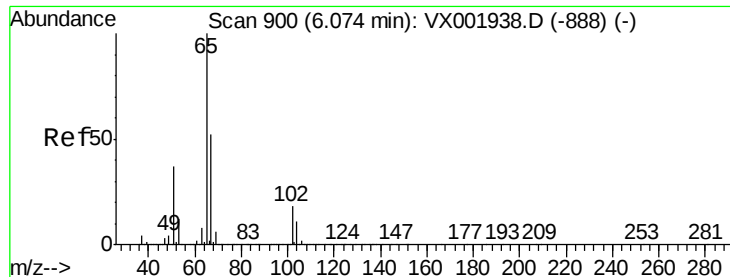
4000

2000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 52.308 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002006.D

Acq: 26 May 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

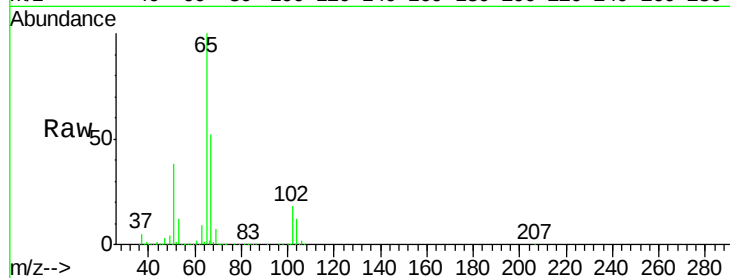
MW-34

Tot Ion: 65 Resp: 269700

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

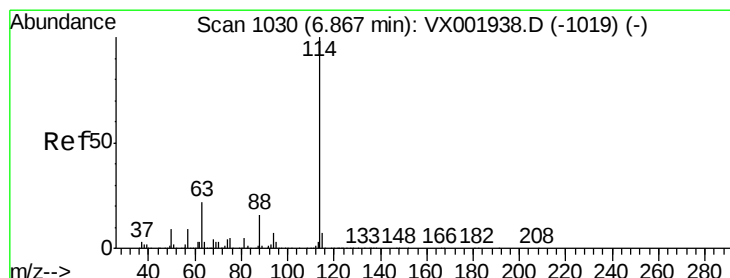
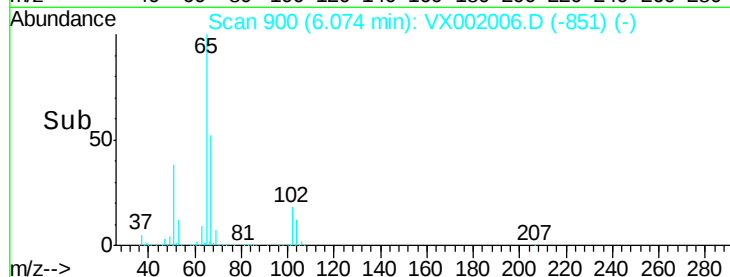
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002006.D

Acq: 26 May 2018 05:01

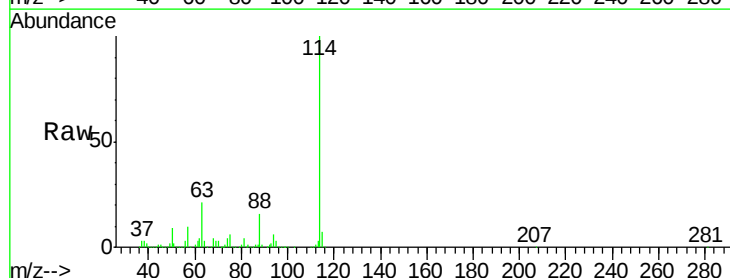
Tgt Ion: 114 Resp: 449557

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.1 0.0 31.6



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

250000

200000

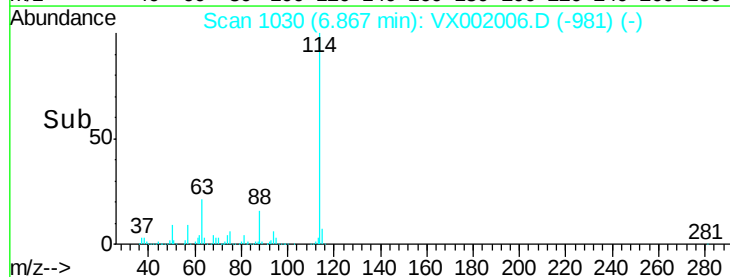
150000

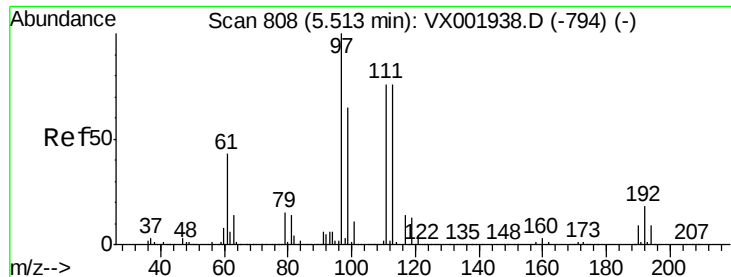
100000

50000

0

Time-->

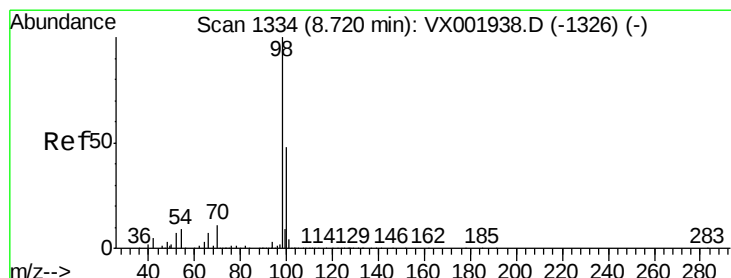
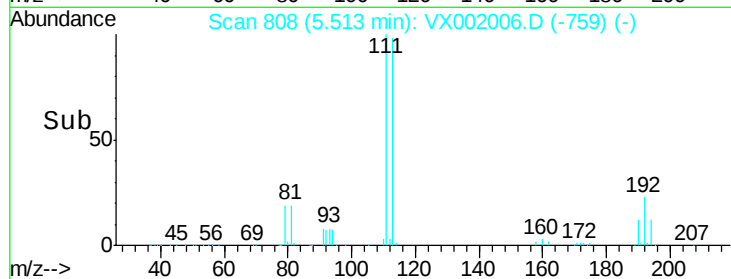
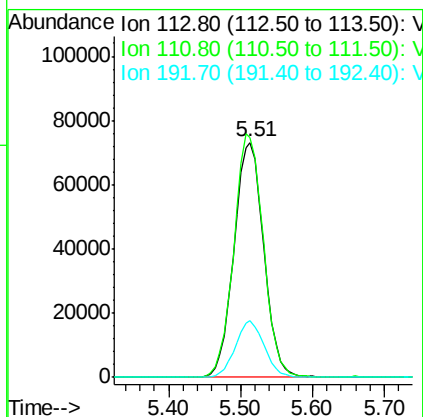
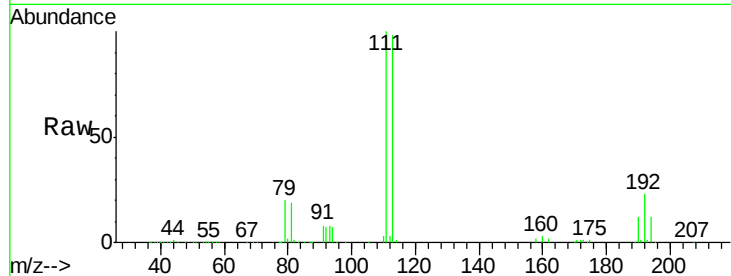




#35
 Dibromofluoromethane
 Concen: 46.612 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX002006.D
 Acq: 26 May 2018 05:01

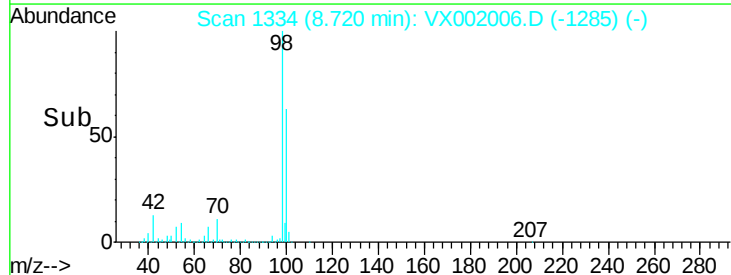
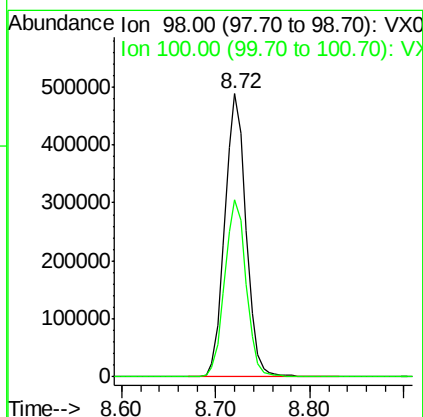
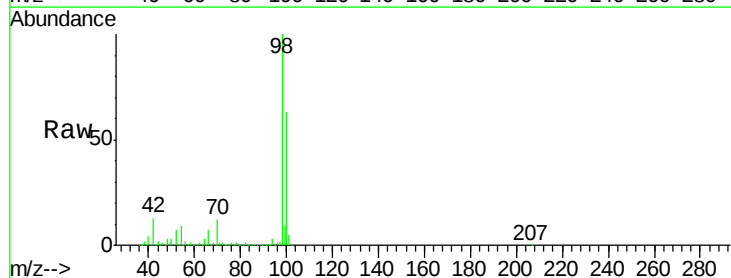
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

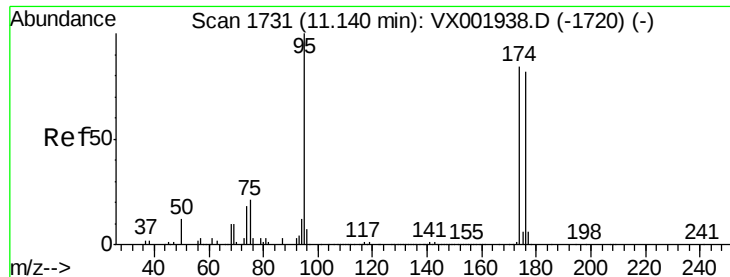
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.3	18.9	28.3



#50
 Toluene-d8
 Concen: 47.062 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002006.D
 Acq: 26 May 2018 05:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3

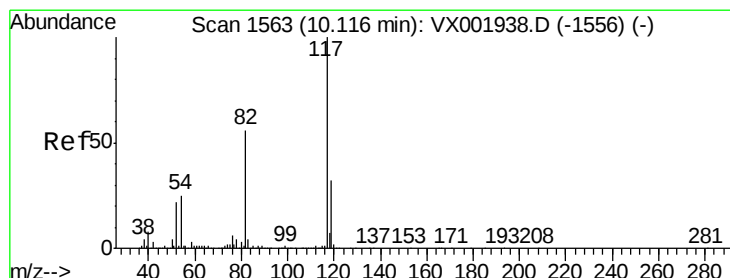
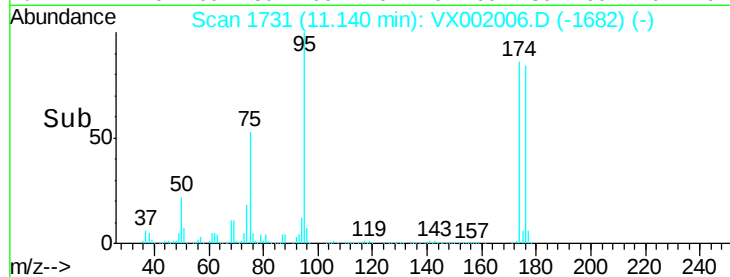
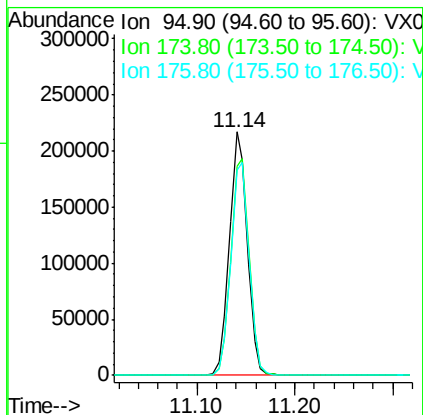
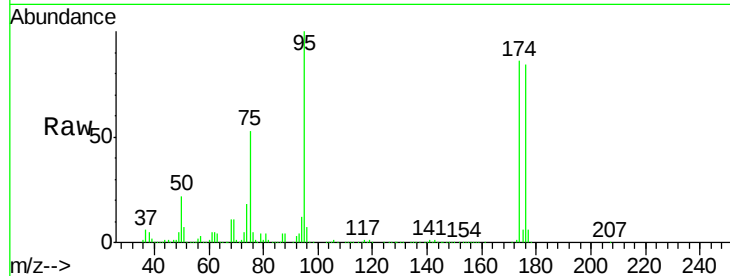




#62
4-Bromofluorobenzene
Concen: 43.331 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002006.D
Acq: 26 May 2018 05:01

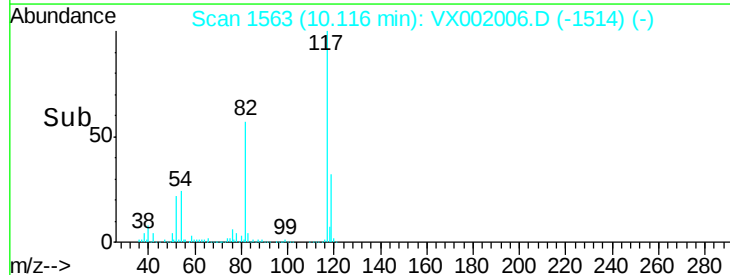
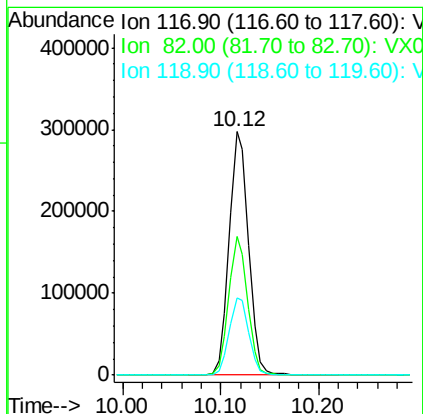
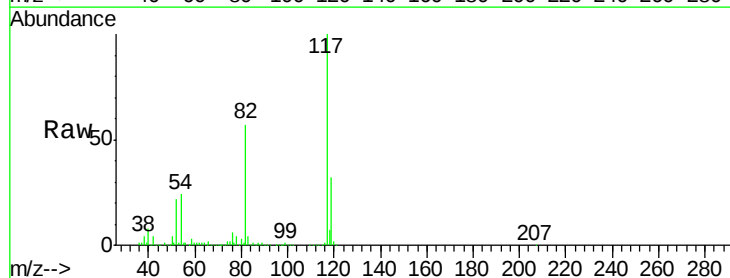
Instrument :
MSVOA_X
ClientSampled :
MW-34

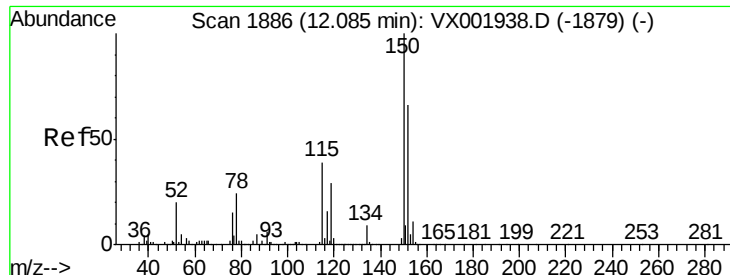
Tot Ion: 95 Resp: 275932
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.8
176 89.3 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002006.D
Acq: 26 May 2018 05:01

Tgt Ion: 117 Resp: 409679
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 31.8 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: VX002006.D

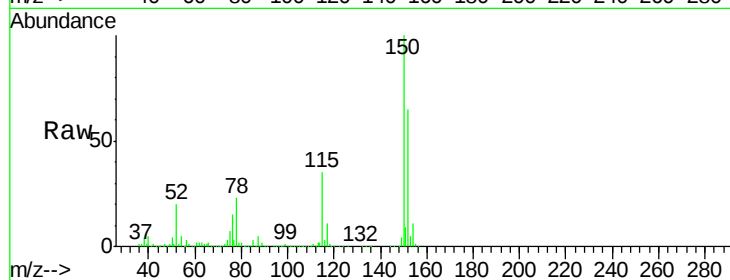
Acq: 26 May 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

MW-34



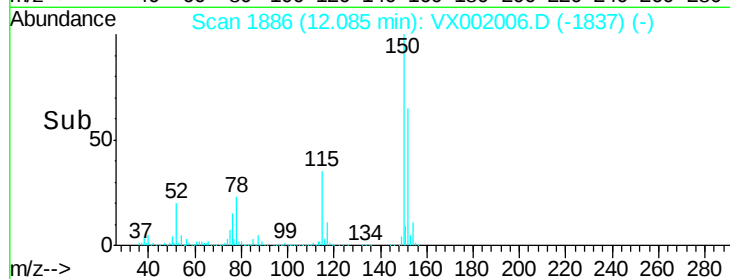
Tot Ion:152 Resp: 216129

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 155.7 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

