

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002609.D
 Acq On : 15 Jun 2018 21:03
 Operator : JC/MD
 Sample : J3467-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-061118

Quant Time: Jun 16 11:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141089	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.51	113	105361	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
50) Toluene-d8	8.72	98	422029	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.14	95	145347	42.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.32%	

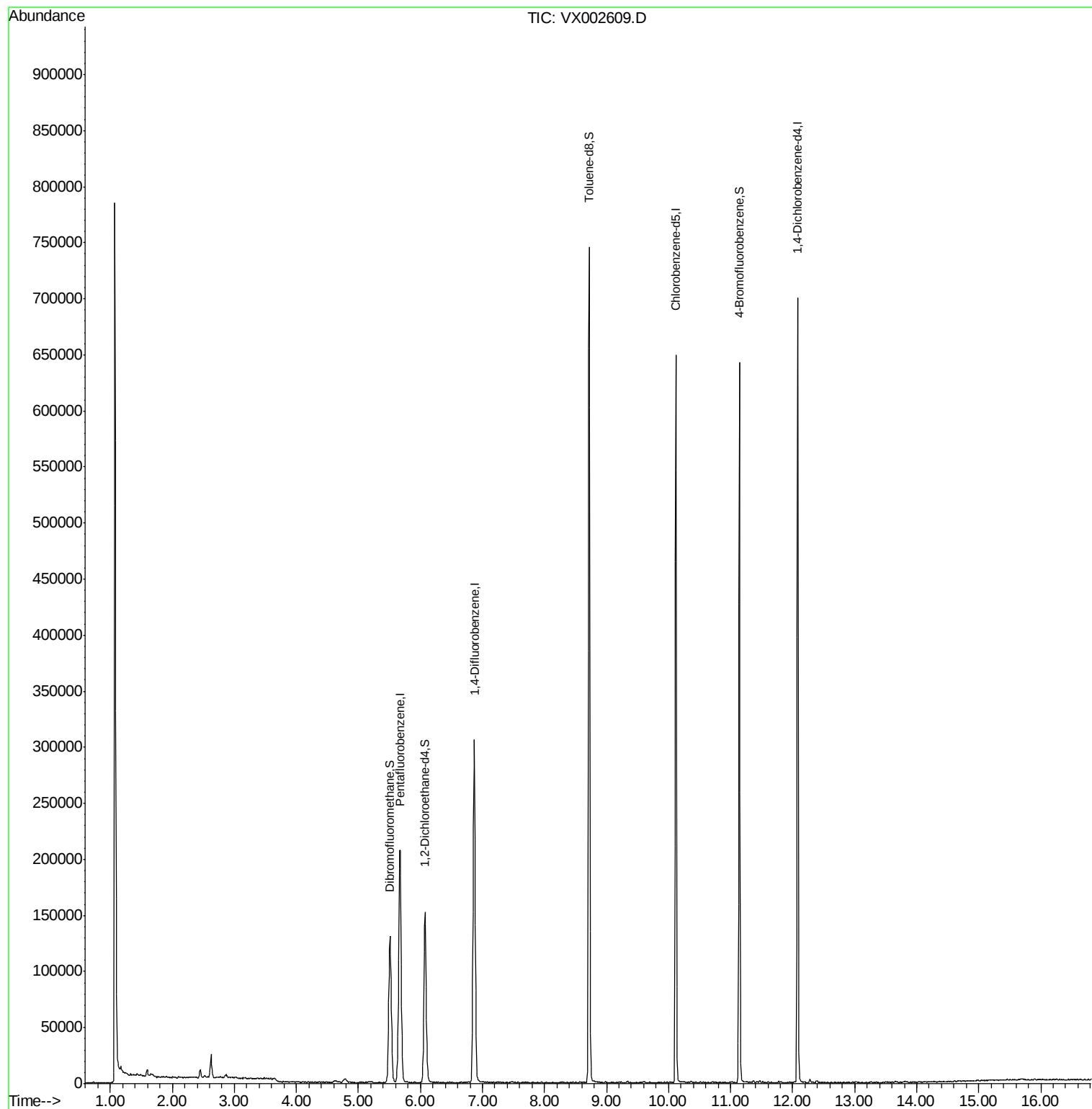
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002609.D

Acq: 15 Jun 2018 21:03

Instrument :

MSVOA_X

ClientSampleId :

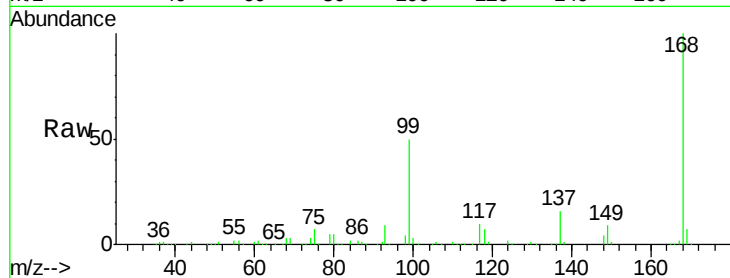
FB-061118

Tot Ion:168 Resp: 204927

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

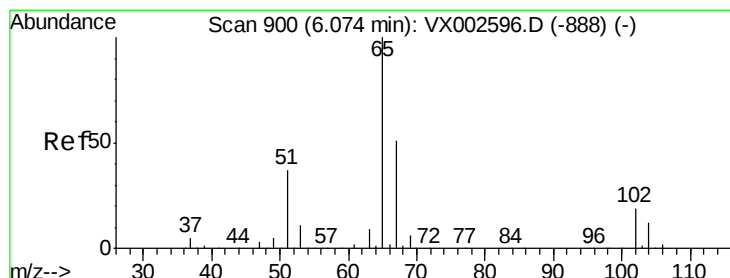
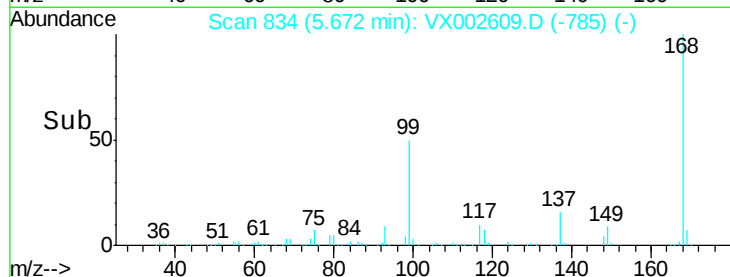
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002609.D

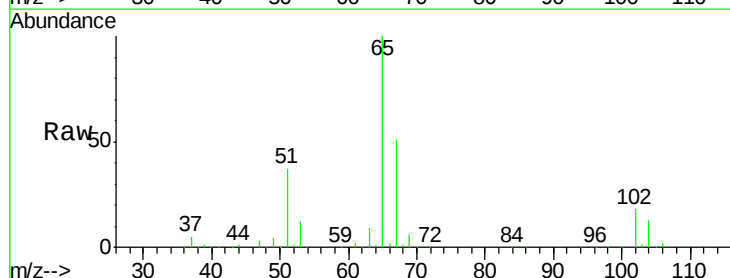
Acq: 15 Jun 2018 21:03

Tgt Ion: 65 Resp: 141089

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

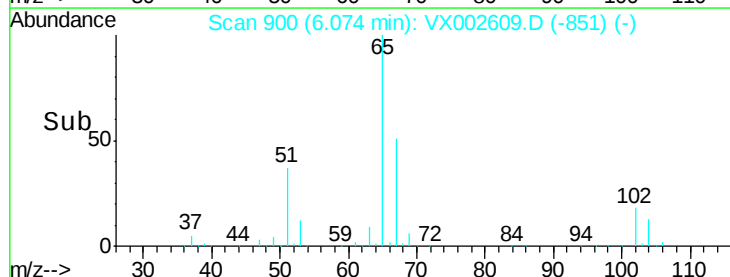
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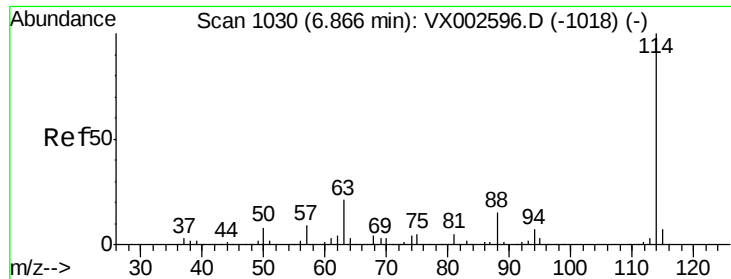
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

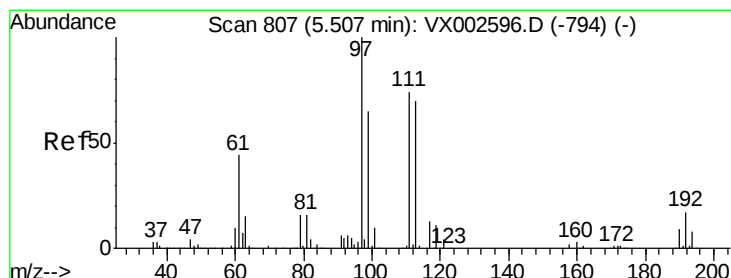
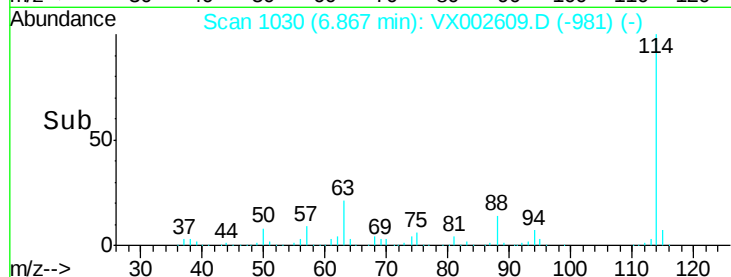
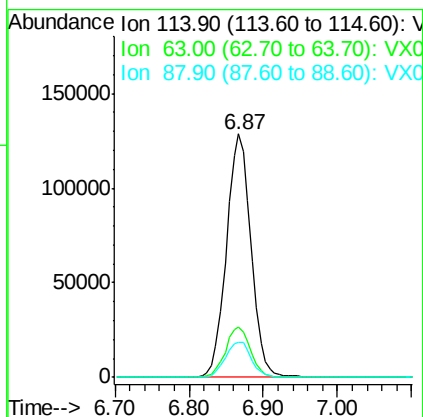
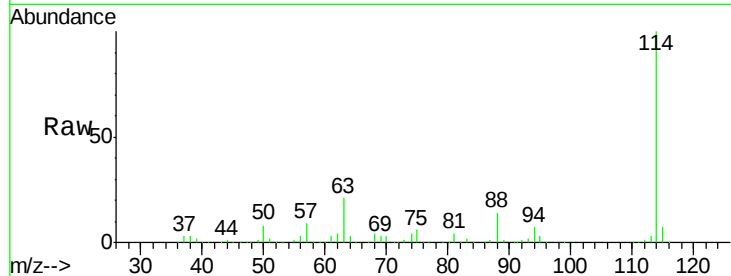




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002609.D
 Acq: 15 Jun 2018 21:03

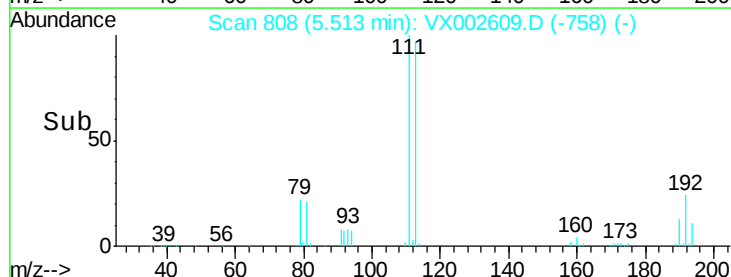
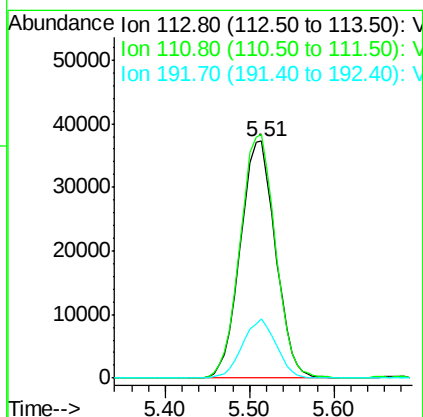
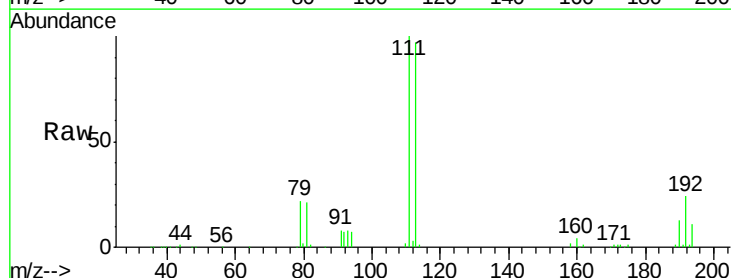
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-061118

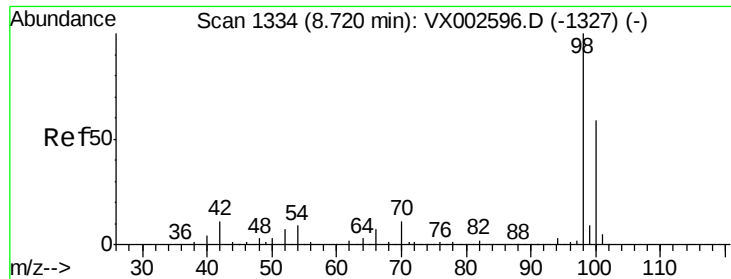
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	14.5	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 44.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002609.D
 Acq: 15 Jun 2018 21:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	23.8	19.1	28.7





#50

Toluene-d8

Concen: 46.94 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002609.D

Acq: 15 Jun 2018 21:03

Instrument :

MSVOA_X

ClientSampled :

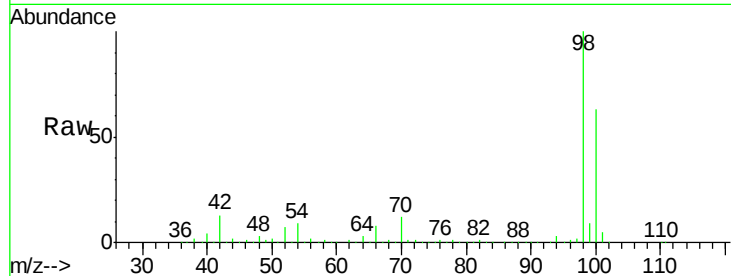
FB-061118

Tot Ion: 98 Resp: 422029

Ion Ratio Lower Upper

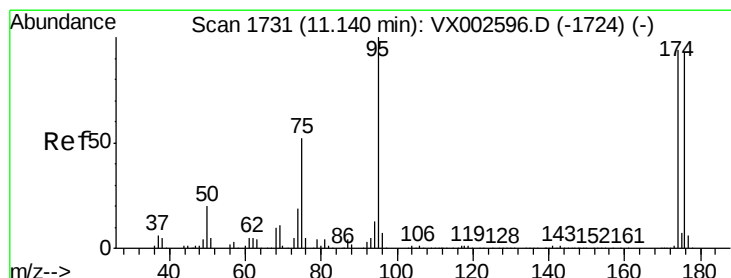
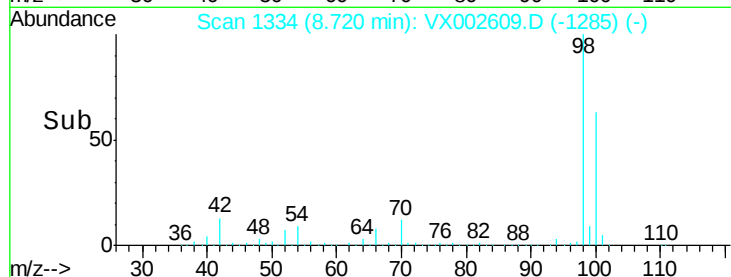
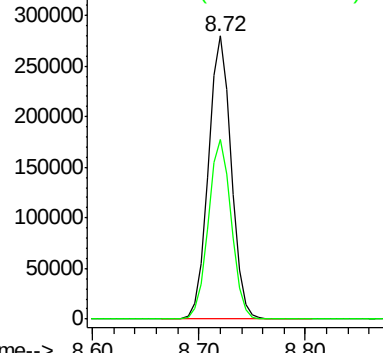
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002609.D

Acq: 15 Jun 2018 21:03

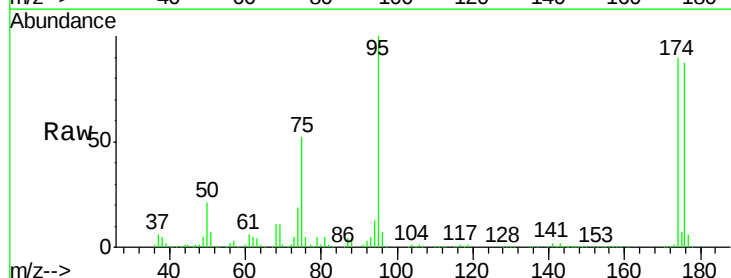
Tgt Ion: 95 Resp: 145347

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

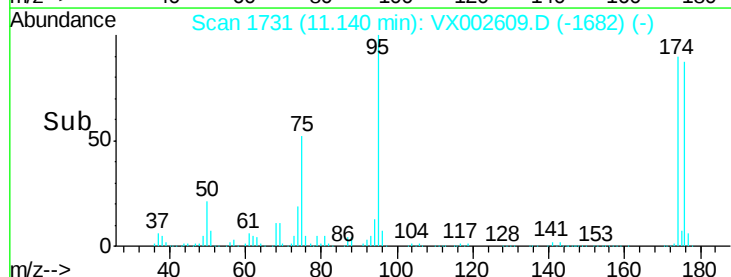
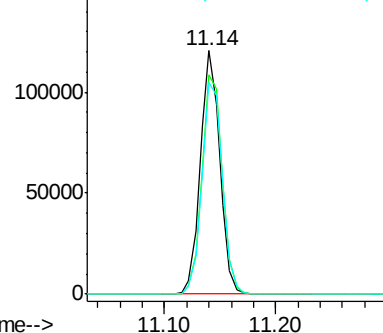
176 91.4 0.0 181.0

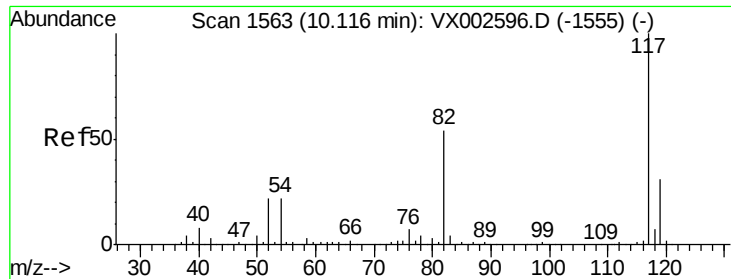


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

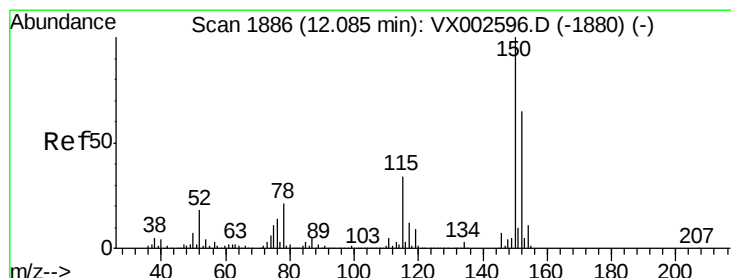
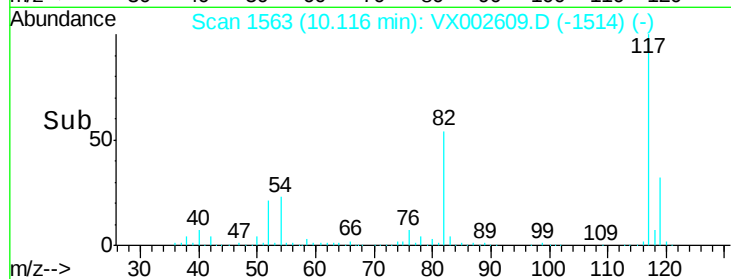
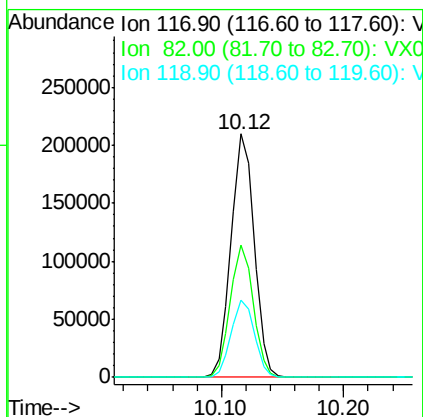
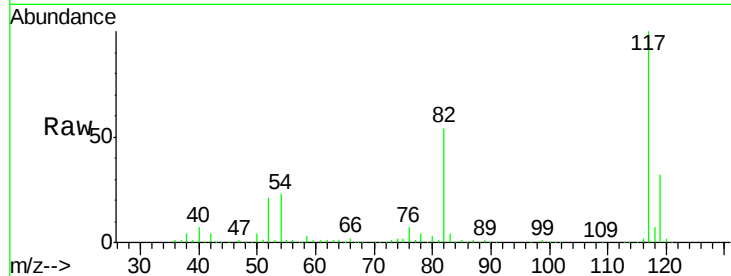




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002609.D
Acq: 15 Jun 2018 21:03

Instrument :
MSVOA_X
ClientSampled :
FB-061118

Tot Ion:117 Resp: 273607
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002609.D
Acq: 15 Jun 2018 21:03

Tgt Ion:152 Resp: 148062
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 155.7 0.0 347.2

