

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004230.D
 Acq On : 23 Aug 2018 16:46
 Operator : JC/MD
 Sample : J4618-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FM1026

Quant Time: Aug 24 11:47:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	341698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	532447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	223496	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	195001	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.71	98	739126	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	269992	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

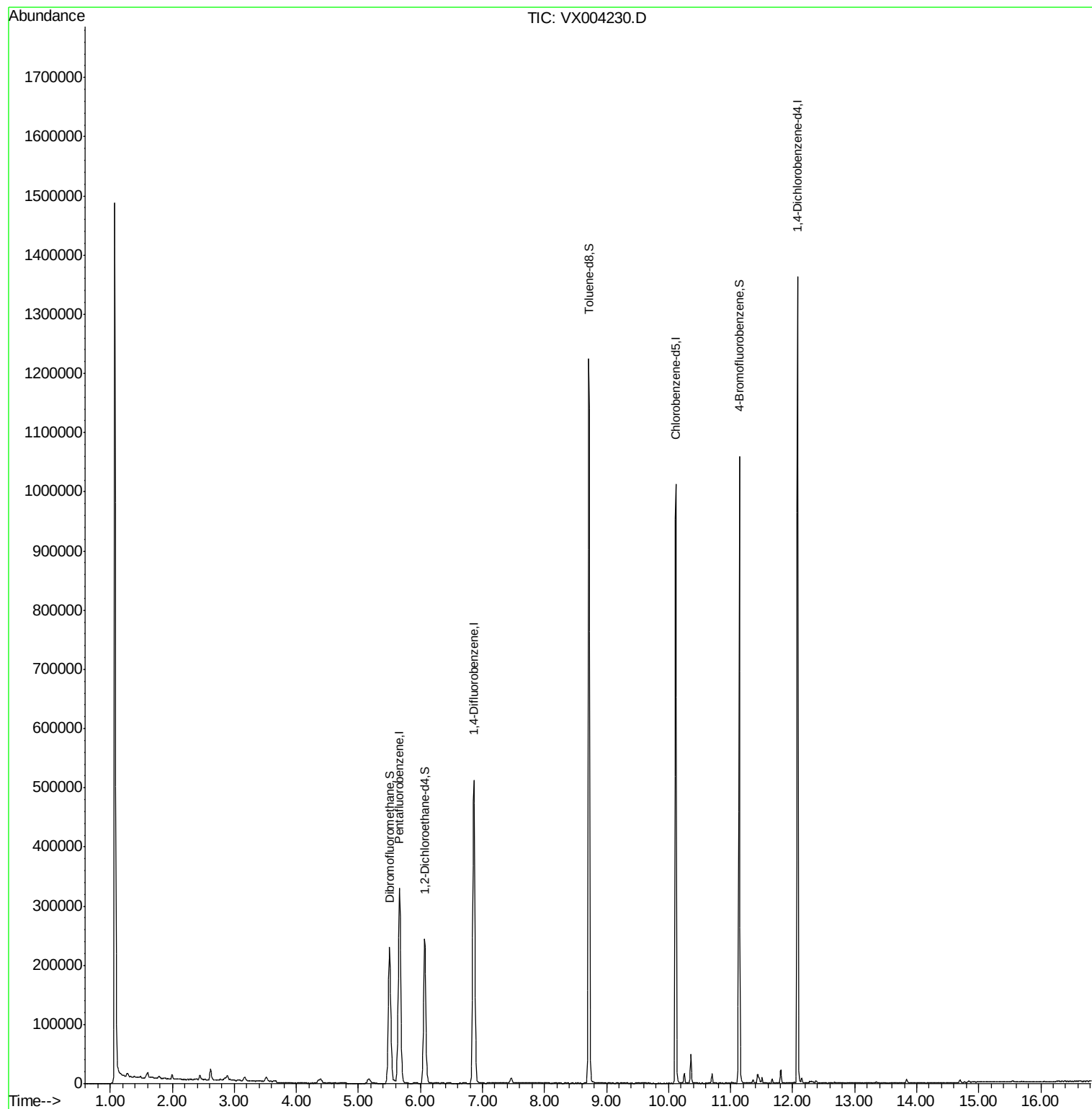
Target Compounds	Qvalue

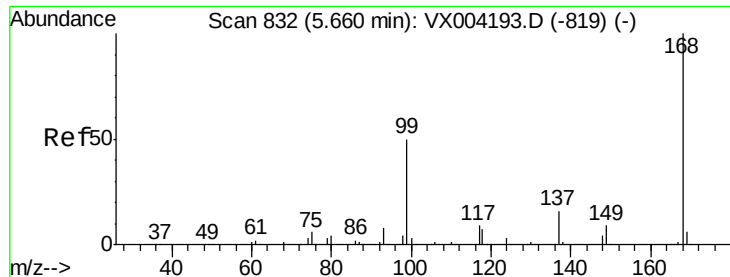
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004230.D

Acq: 23 Aug 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

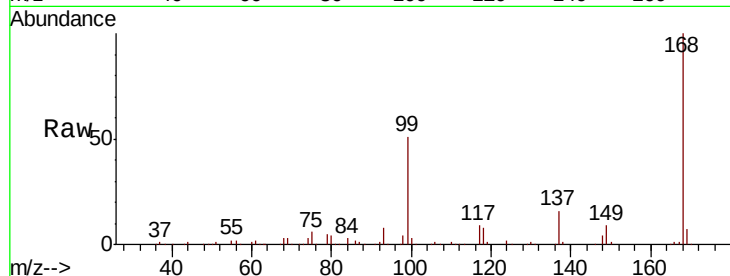
FM1026

Tot Ion:168 Resp: 341698

Ion Ratio Lower Upper

168 100

99 50.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

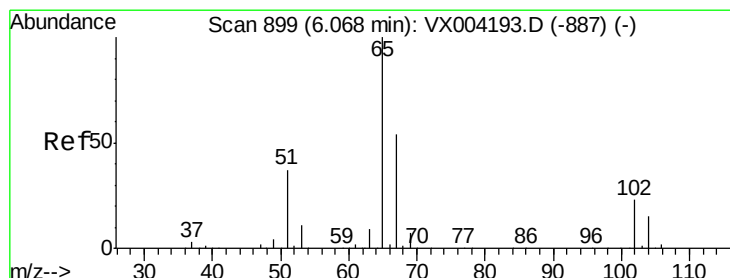
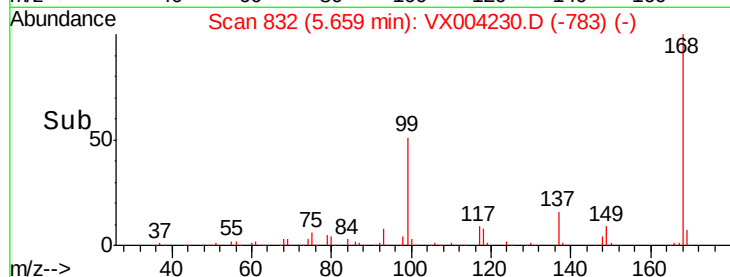
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.18 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004230.D

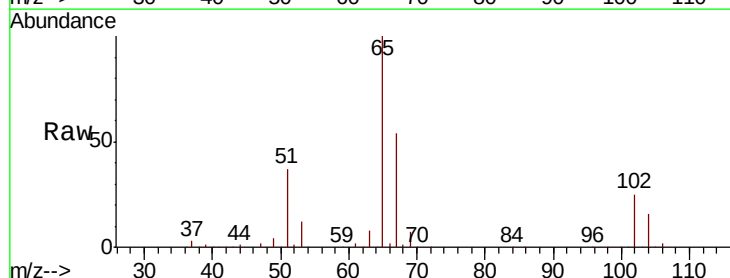
Acq: 23 Aug 2018 16:46

Tgt Ion: 65 Resp: 223496

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

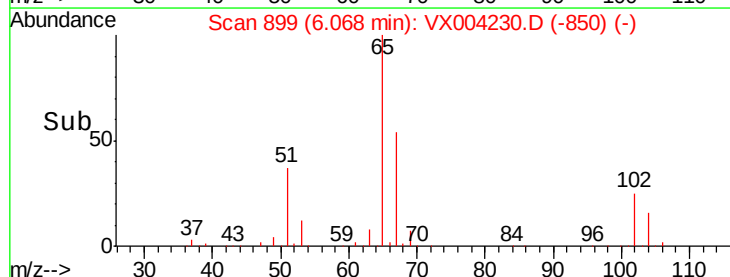
60000

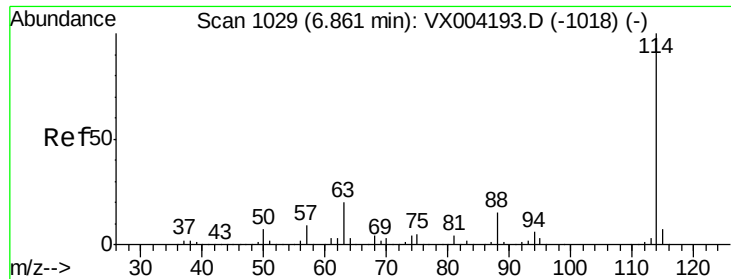
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

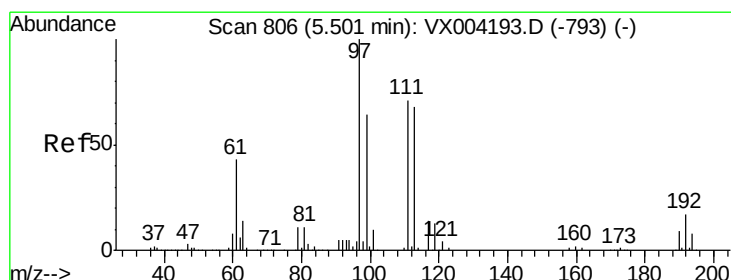
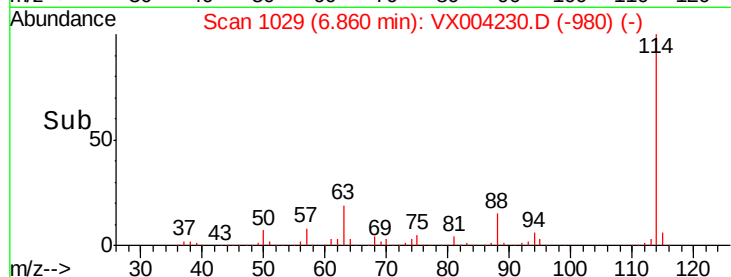
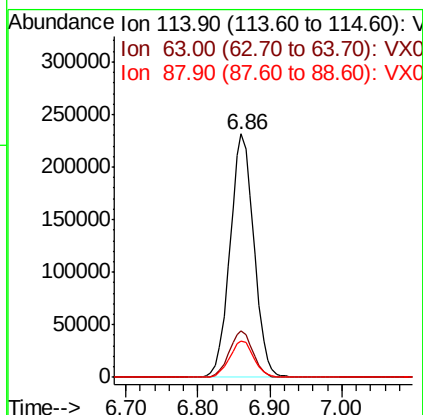
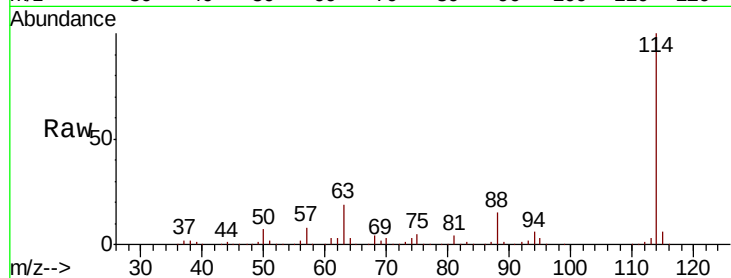




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004230.D
 Acq: 23 Aug 2018 16:46

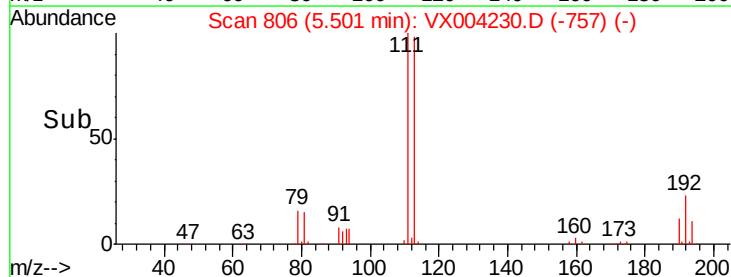
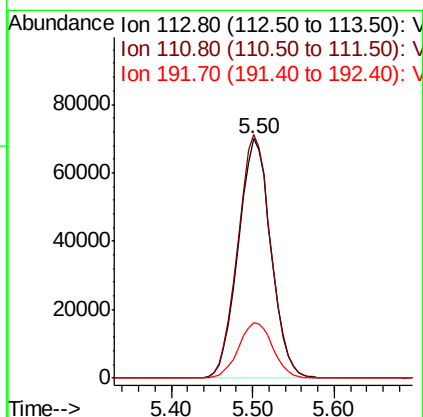
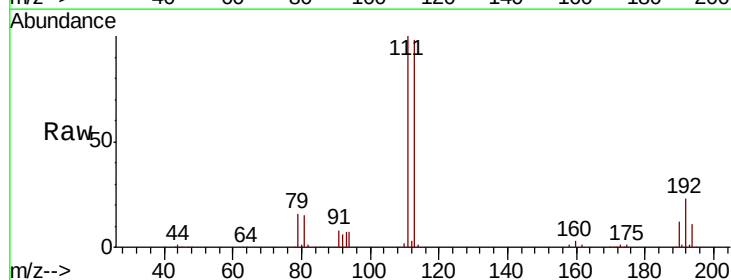
Instrument :
 MSVOA_X
 ClientSampleId :
 FM1026

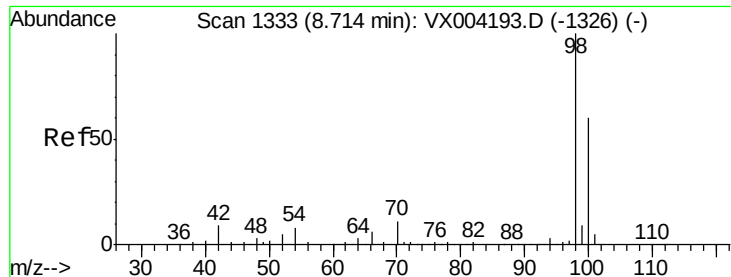
Tot Ion:114 Resp: 532447
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.0 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.23 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004230.D
 Acq: 23 Aug 2018 16:46

Tgt Ion:113 Resp: 195001
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.2 19.4 29.2

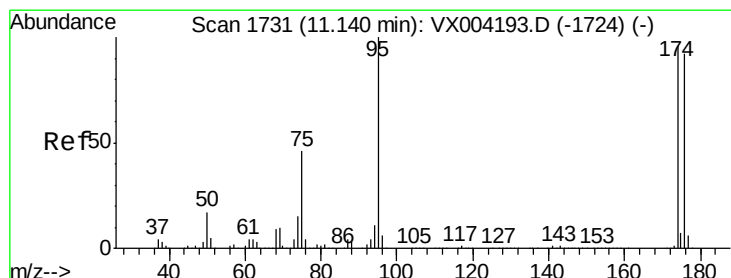
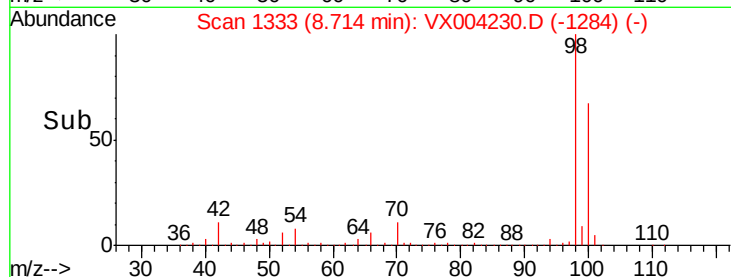
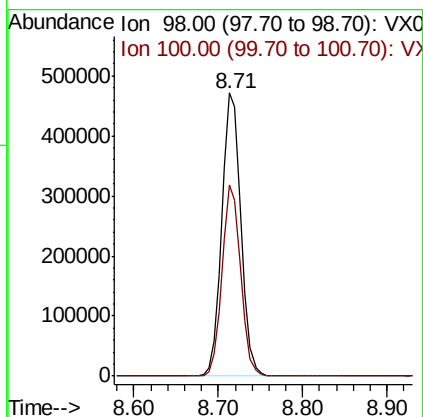
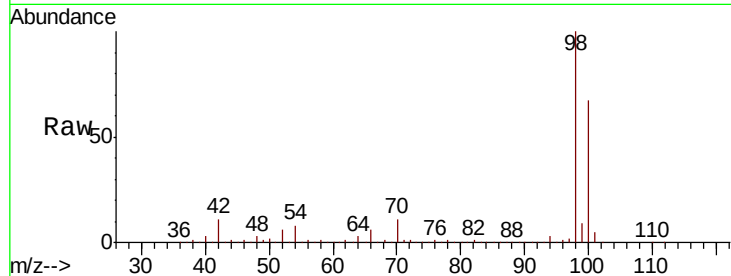




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004230.D
Acq: 23 Aug 2018 16:46

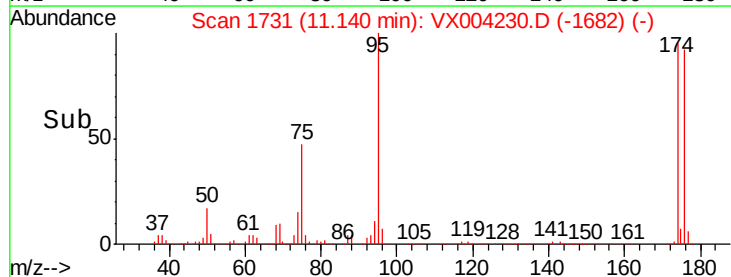
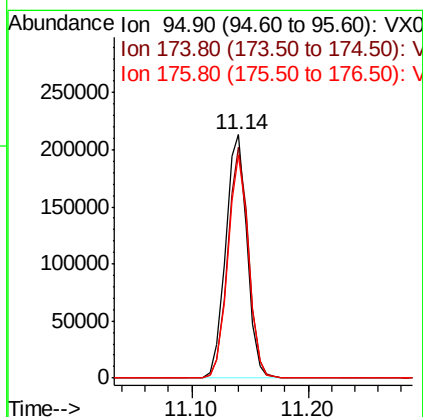
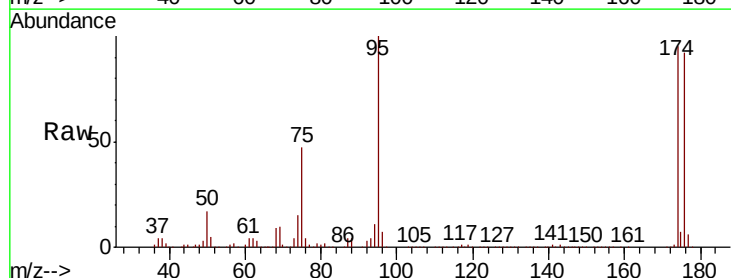
Instrument :
MSVOA_X
ClientSampleId :
FM1026

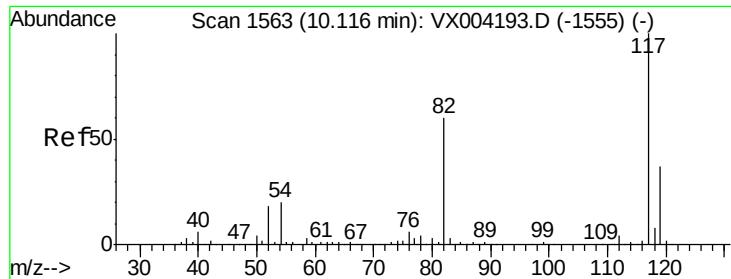
Tot Ion: 98 Resp: 739126
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004230.D
Acq: 23 Aug 2018 16:46

Tgt Ion: 95 Resp: 269992
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.2
176 89.2 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004230.D

Acq: 23 Aug 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

FM1026

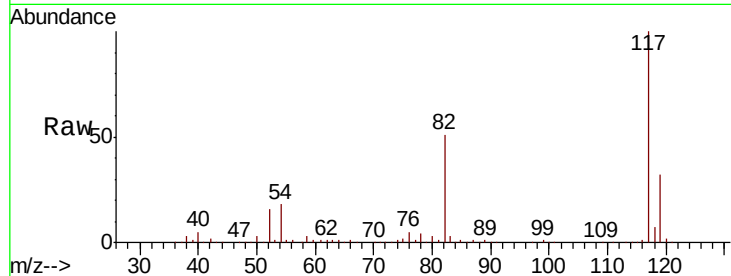
Tot Ion:117 Resp: 477594

Ion Ratio Lower Upper

117 100

82 51.5 47.8 71.6

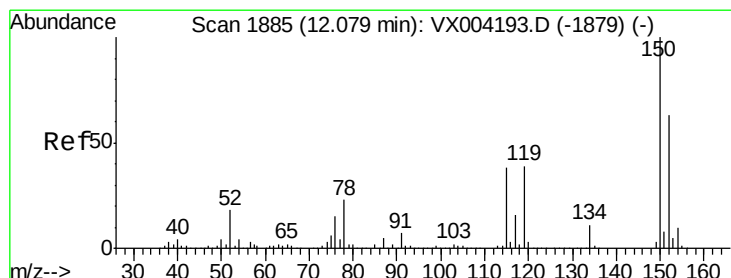
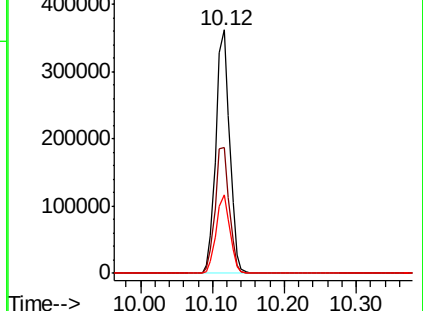
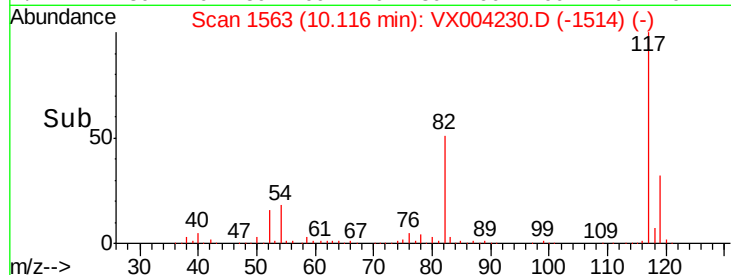
119 32.4 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004230.D

Acq: 23 Aug 2018 16:46

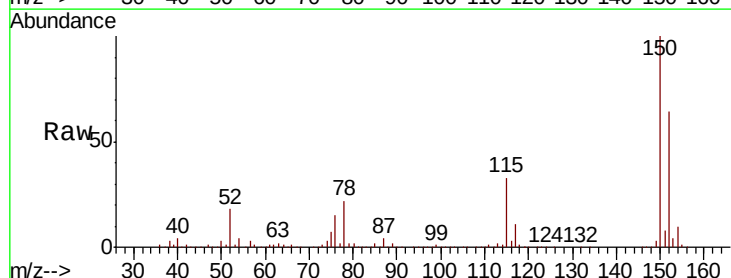
Tgt Ion:152 Resp: 285175

Ion Ratio Lower Upper

152 100

115 53.5 39.0 117.0

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

