

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004067.D
 Acq On : 15 Aug 2018 09:12
 Operator : JC/MD
 Sample : J4439-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-298-SRI3

Quant Time: Aug 15 16:09:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	422340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202279	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.51	113	166246	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.72	98	613677	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.14	95	206338	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	

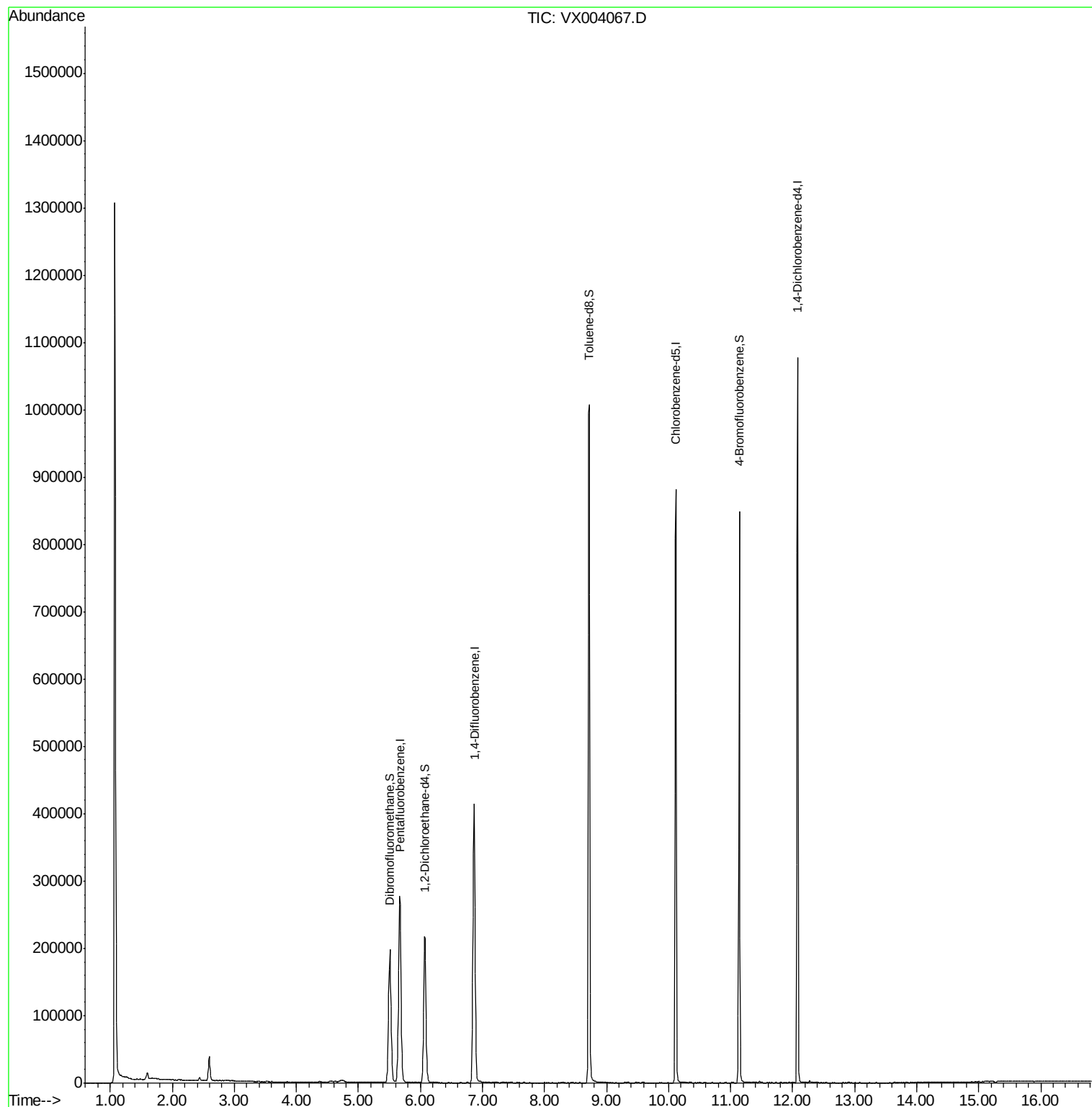
Target Compounds	Qvalue

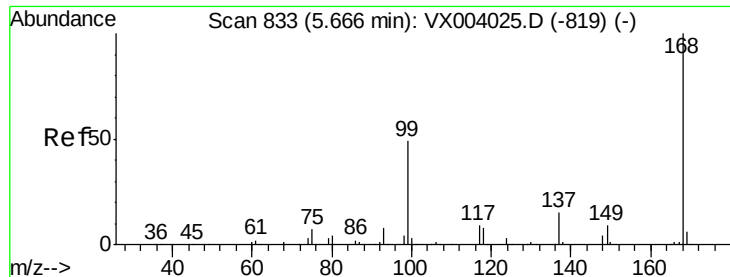
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004067.D

Acq: 15 Aug 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

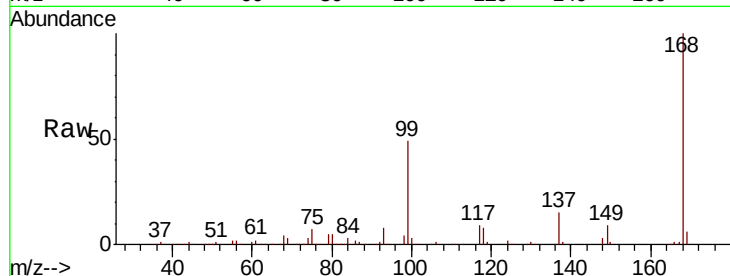
MW-298-SRI3

Tot Ion:168 Resp: 281649

Ion Ratio Lower Upper

168 100

99 49.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004067.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX004067.D (-819) (-)

5.67

120000

100000

80000

60000

40000

20000

0

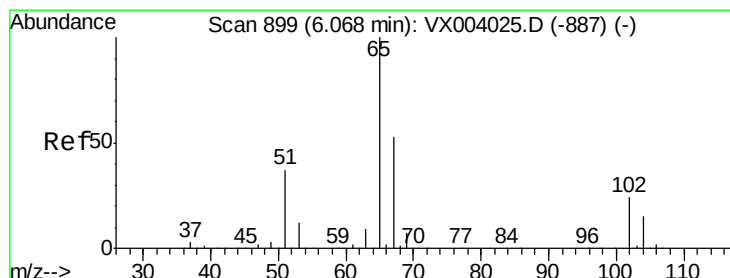
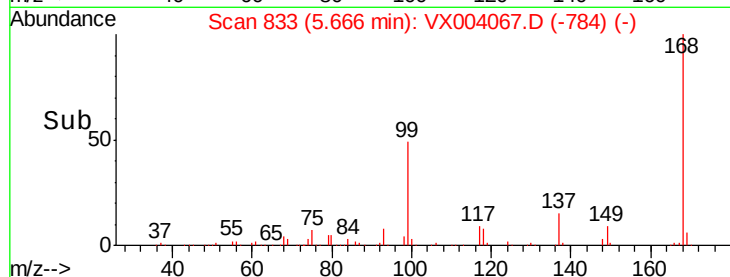
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 50.97 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004067.D

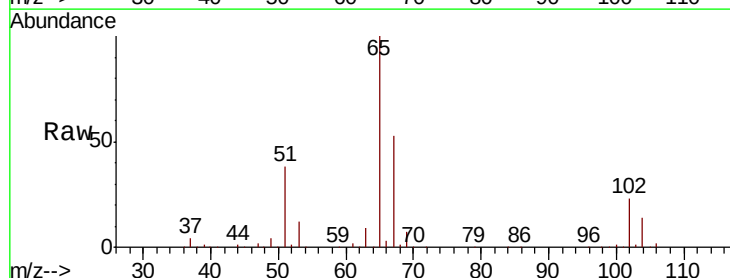
Acq: 15 Aug 2018 09:12

Tgt Ion: 65 Resp: 202279

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX004067.D (-850) (-)

Ion 66.90 (66.60 to 67.60): VX004067.D (-850) (-)

6.07

80000

60000

40000

20000

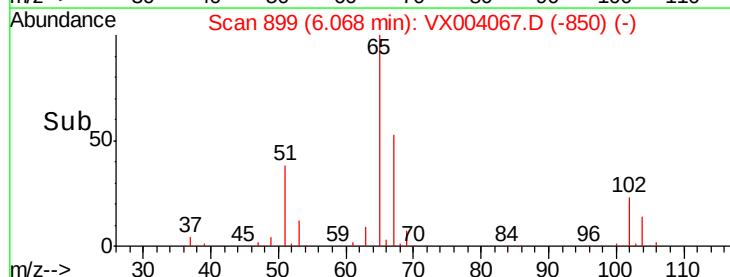
0

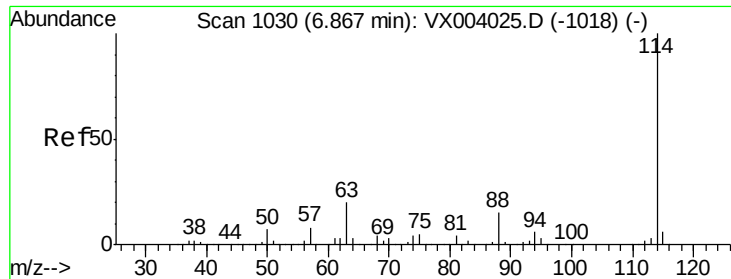
Time-->

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: VX004067.D

Acq: 15 Aug 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

MW-298-SRI3

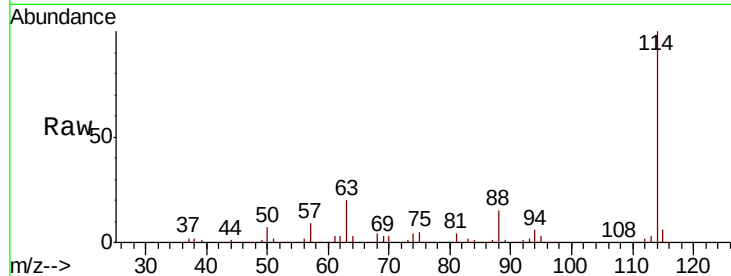
Tot Ion:114 Resp: 422340

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

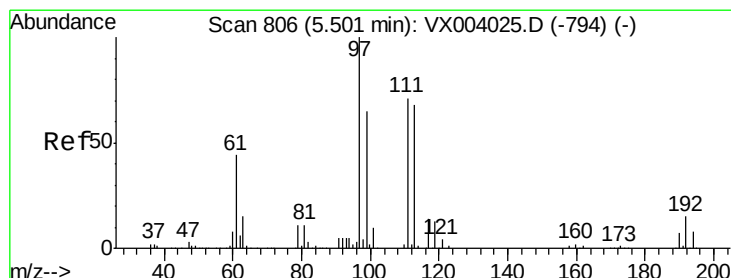
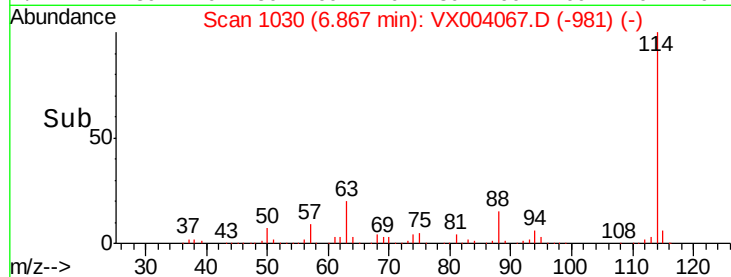
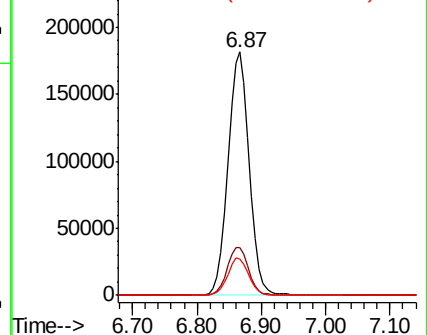
88 15.1 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 52.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004067.D

Acq: 15 Aug 2018 09:12

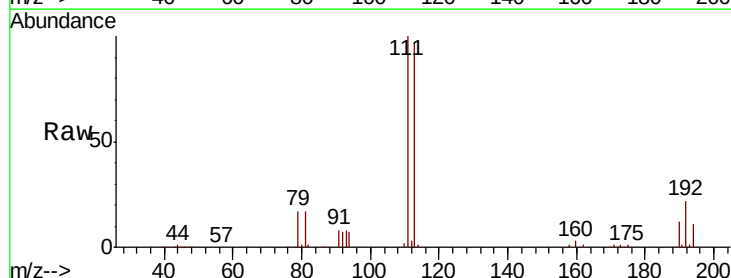
Tgt Ion:113 Resp: 166246

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

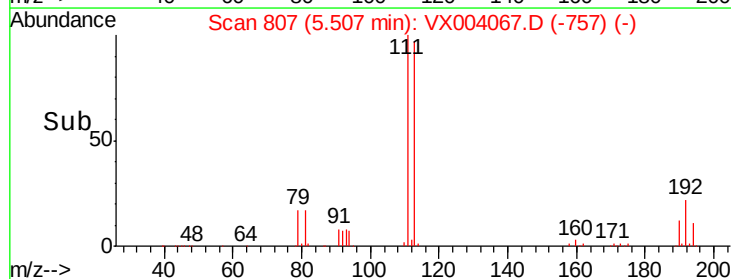
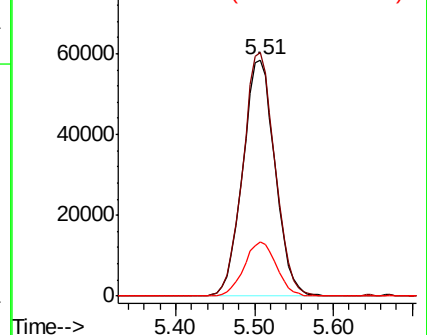
192 23.0 19.0 28.4

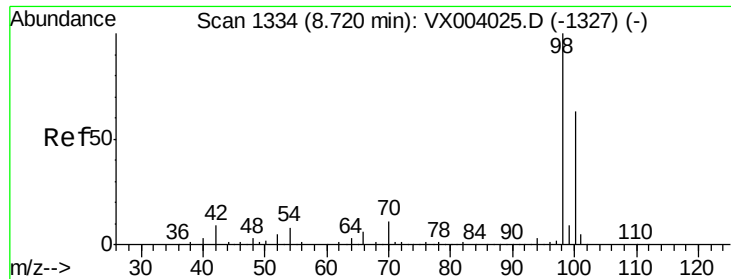


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

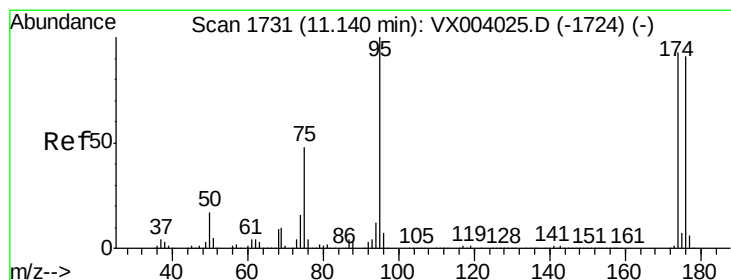
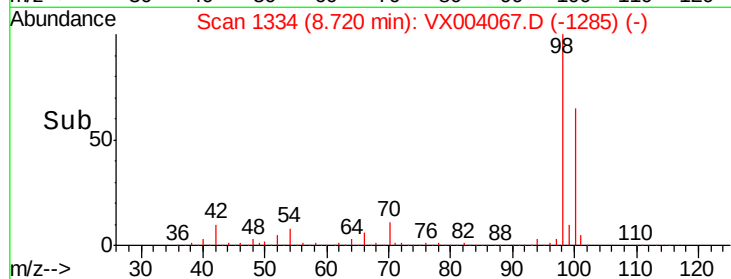
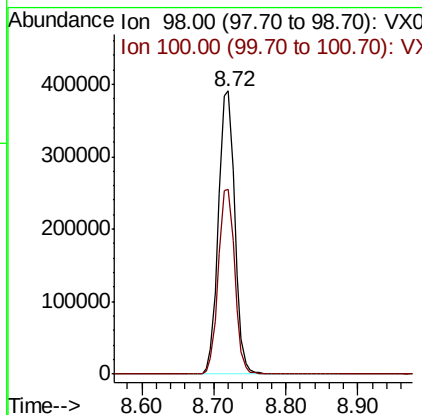
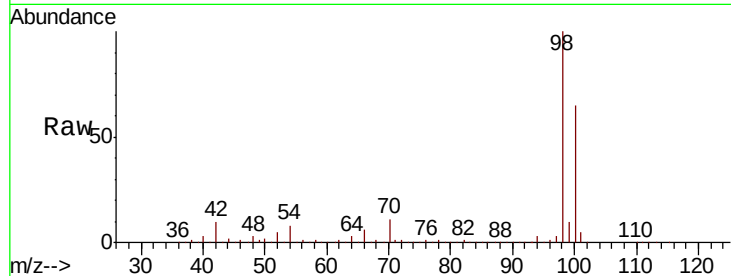




#50
Toluene-d8
Concen: 47.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004067.D
Acq: 15 Aug 2018 09:12

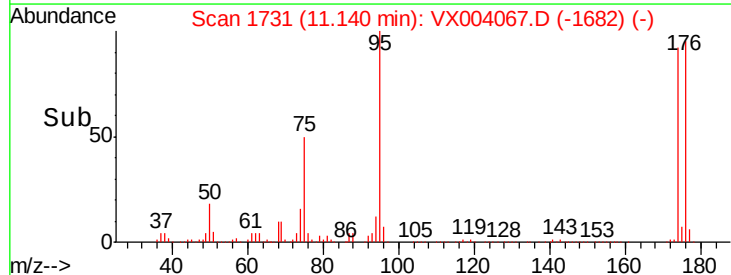
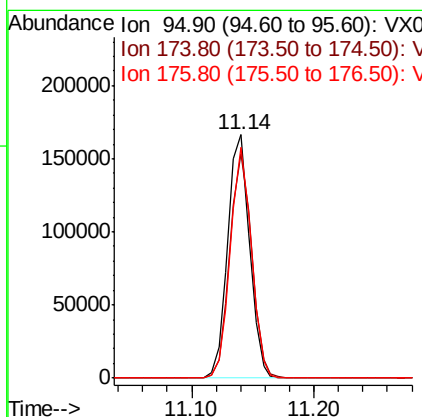
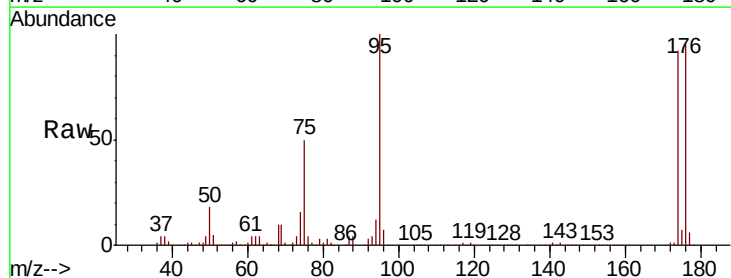
Instrument :
MSVOA_X
ClientSampleId :
MW-298-SRI3

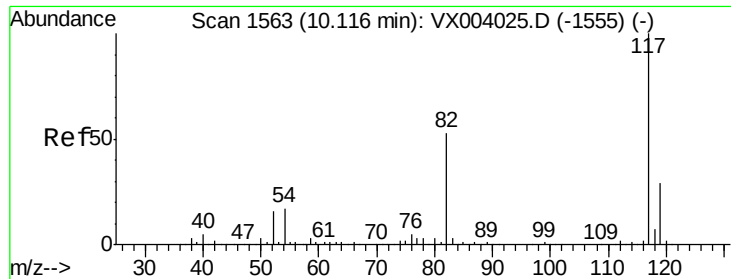
Tot Ion: 98 Resp: 613677
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004067.D
Acq: 15 Aug 2018 09:12

Tgt Ion: 95 Resp: 206338
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.8
176 90.7 0.0 179.0

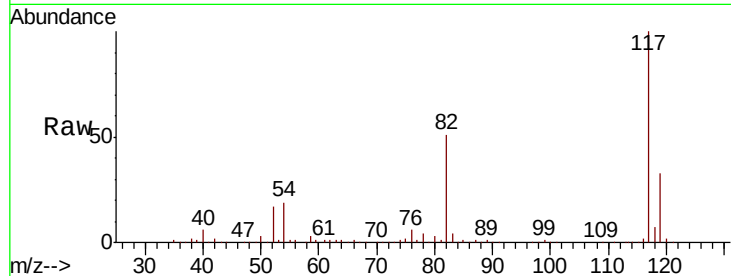




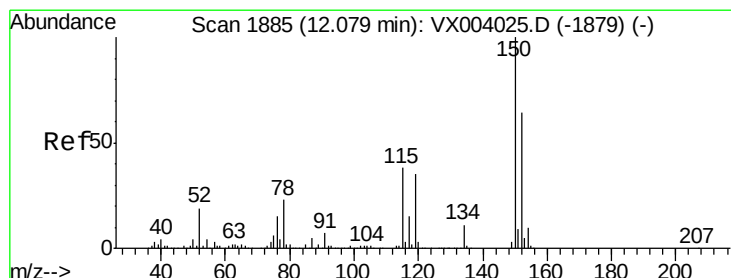
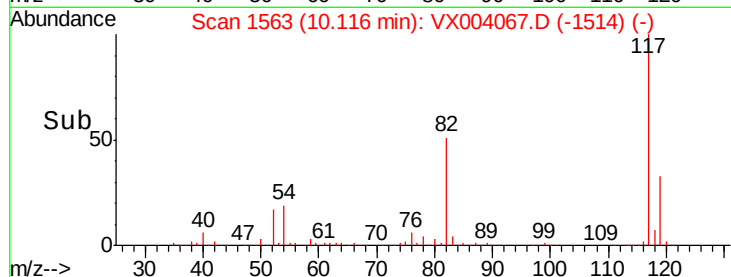
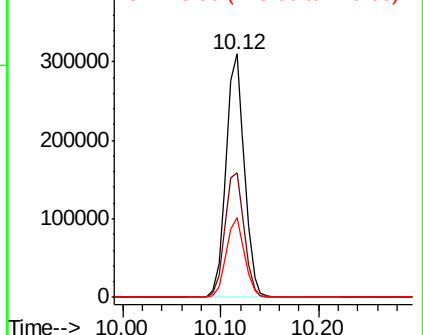
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004067.D
Acq: 15 Aug 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
MW-298-SRI3

Tot Ion:117 Resp: 405118
Ion Ratio Lower Upper
117 100
82 51.1 45.4 68.0
119 32.9 26.6 40.0

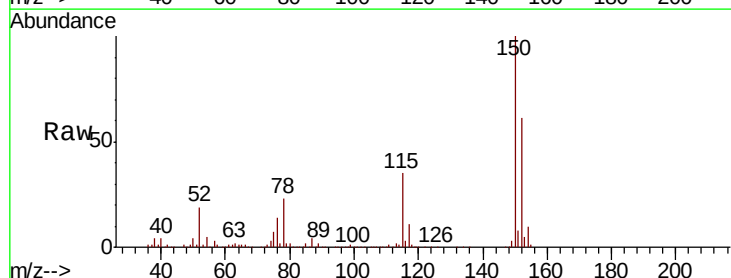


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004067.D
Acq: 15 Aug 2018 09:12

Tgt Ion:152 Resp: 222035
Ion Ratio Lower Upper
152 100
115 55.7 39.1 117.3
150 160.1 0.0 349.2



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

