

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009560.D
 Acq On : 14 May 2019 14:30
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 15 08:31:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125872	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	5.49	113	94421	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	8.71	98	386597	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	125660	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	

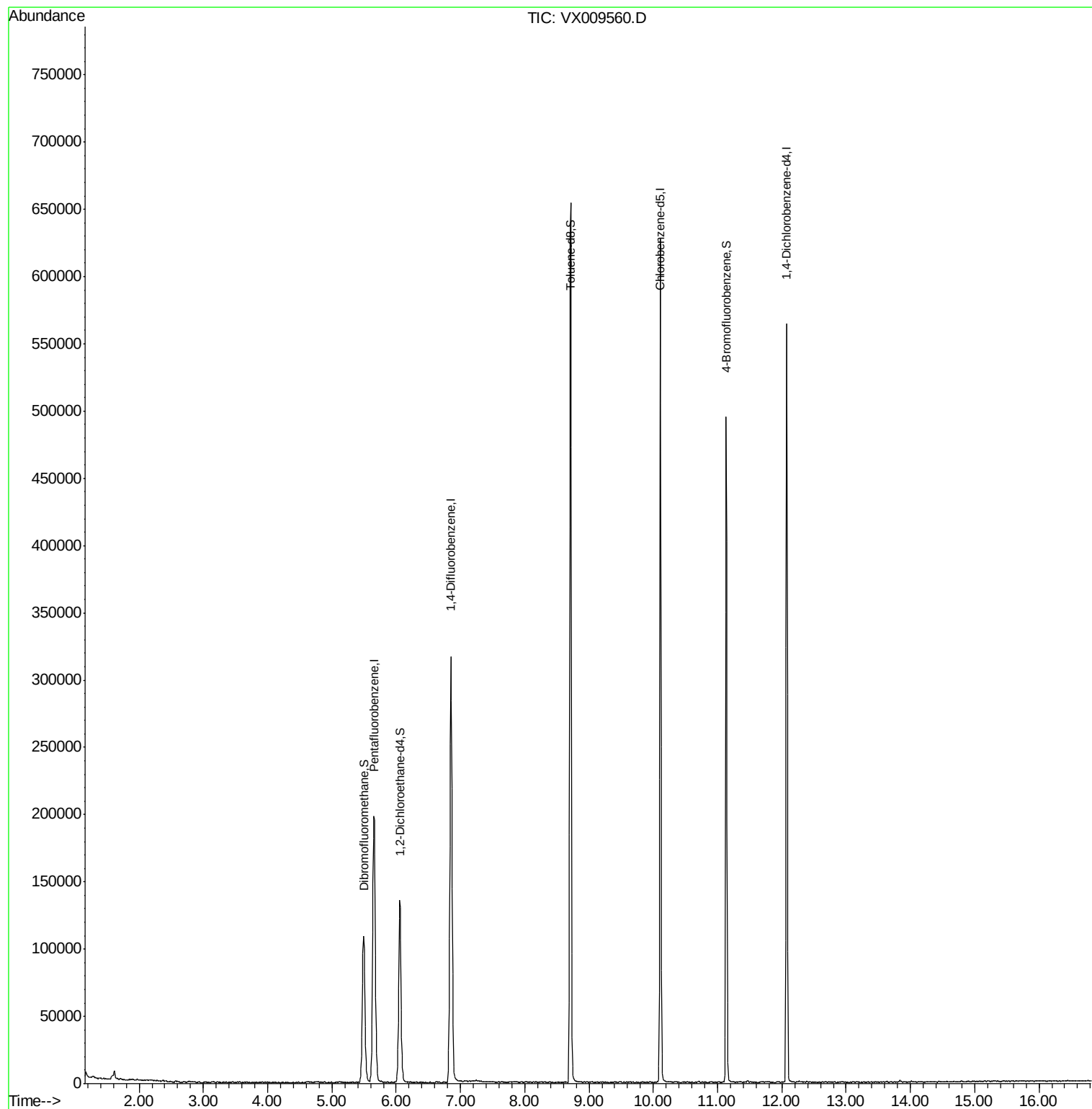
Target Compounds	Qvalue
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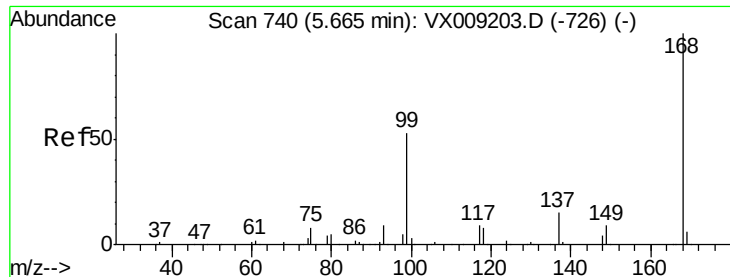
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009560.D

Acq: 14 May 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

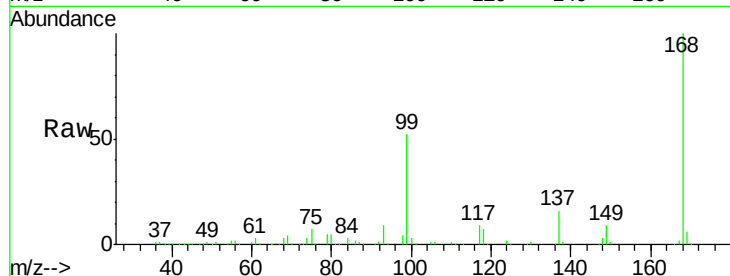
IBLK

Tot Ion:168 Resp: 196001

Ion Ratio Lower Upper

168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

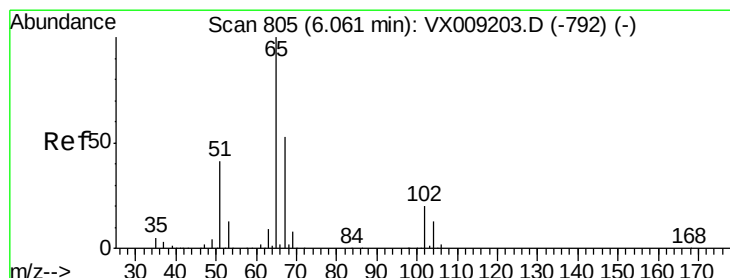
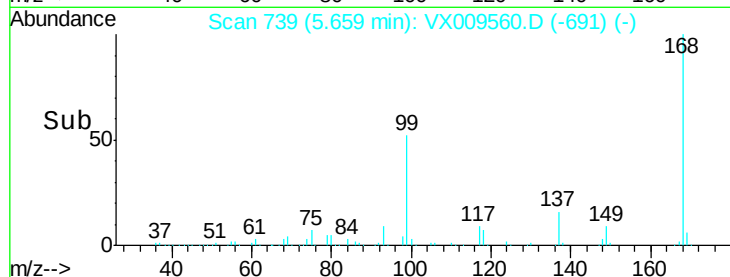
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.044 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009560.D

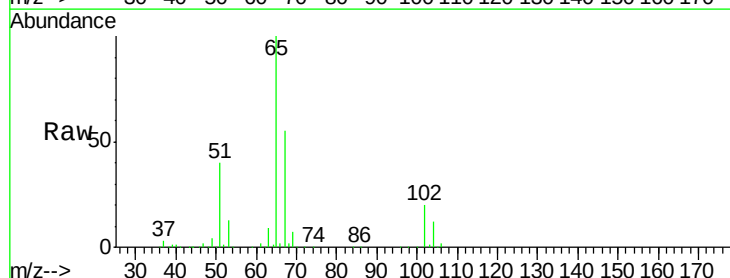
Acq: 14 May 2019 14:30

Tgt Ion: 65 Resp: 125872

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

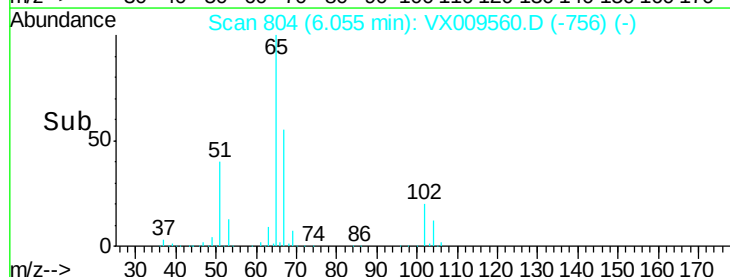
30000

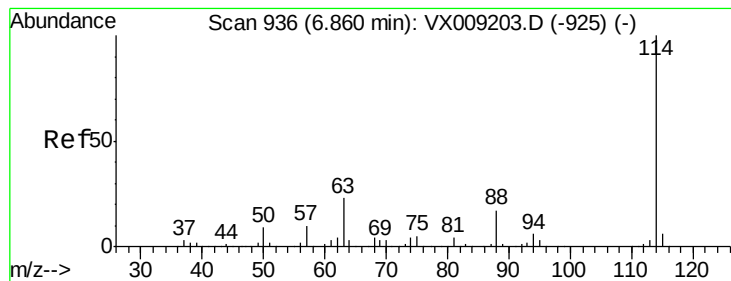
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009560.D

Acq: 14 May 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

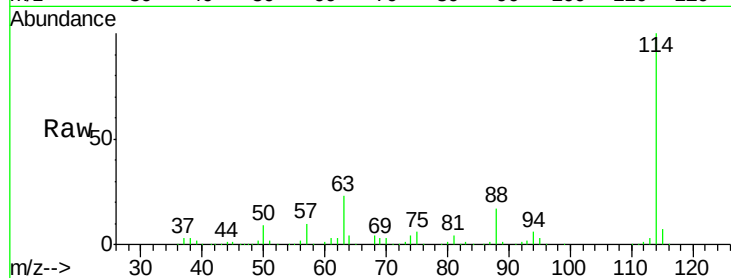
Tot Ion:114 Resp: 309460

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

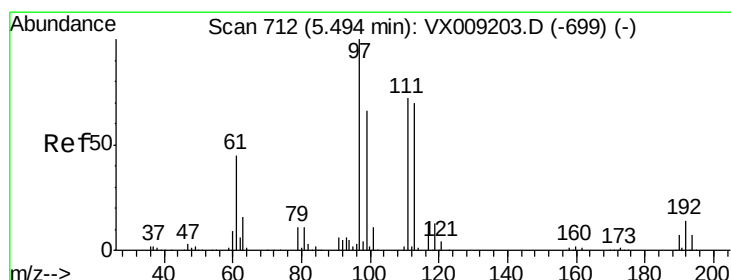
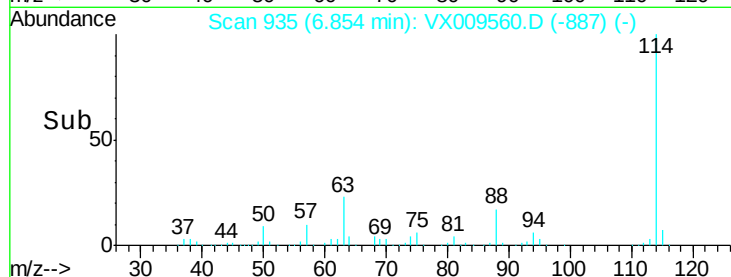
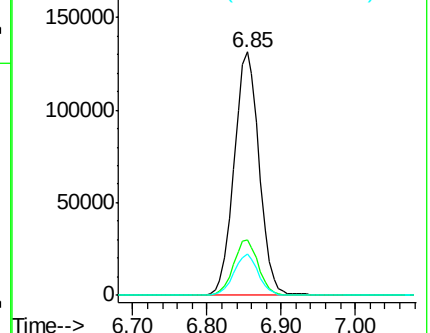
88 16.9 0.0 33.2



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: 48.536 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009560.D

Acq: 14 May 2019 14:30

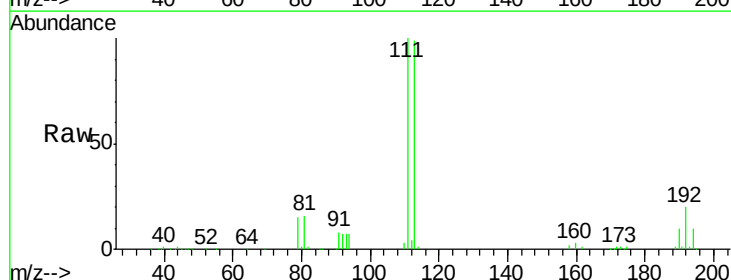
Tgt Ion:113 Resp: 94421

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

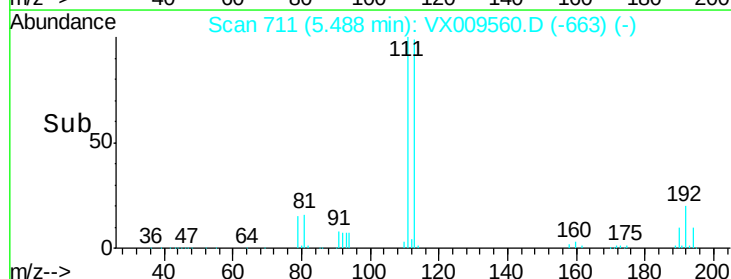
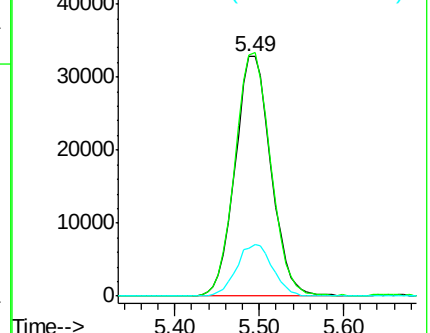
192 21.8 17.0 25.6

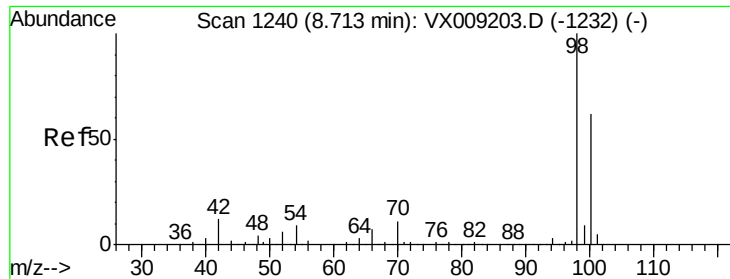


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

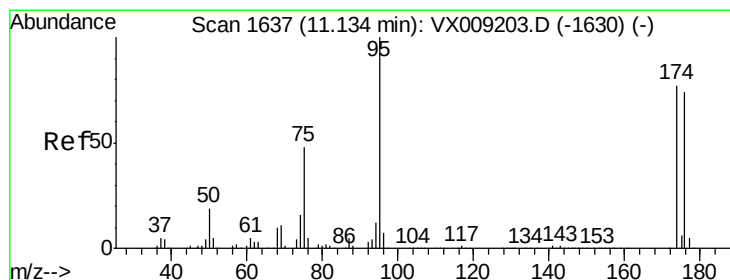
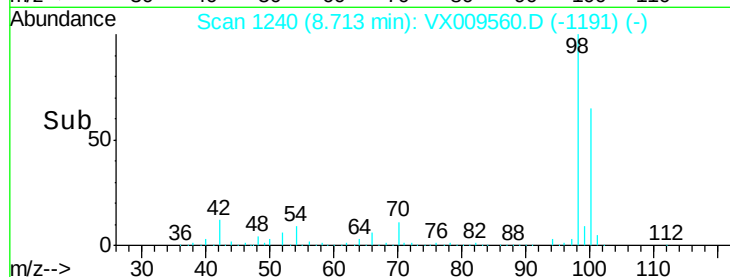
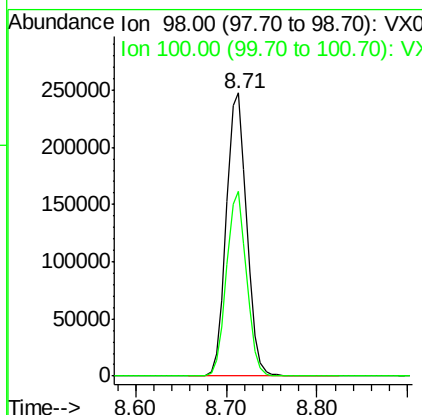
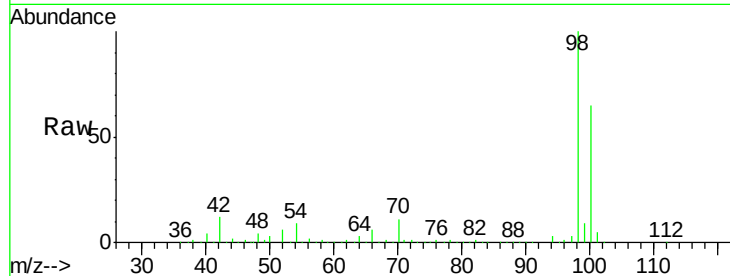




#50
Toluene-d8
Concen: 49.223 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009560.D
Acq: 14 May 2019 14:30

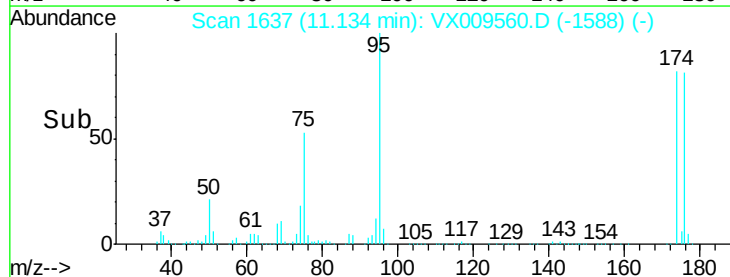
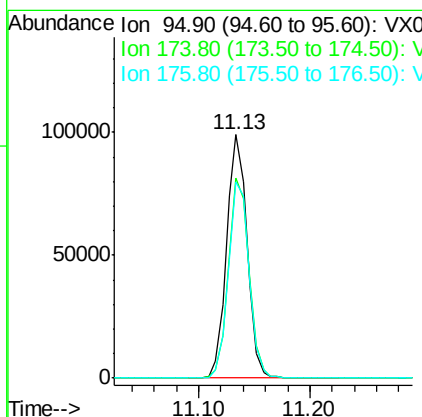
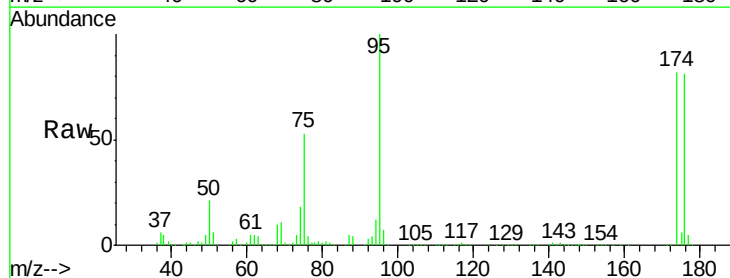
Instrument :
MSVOA_X
ClientSampled :
IBLK

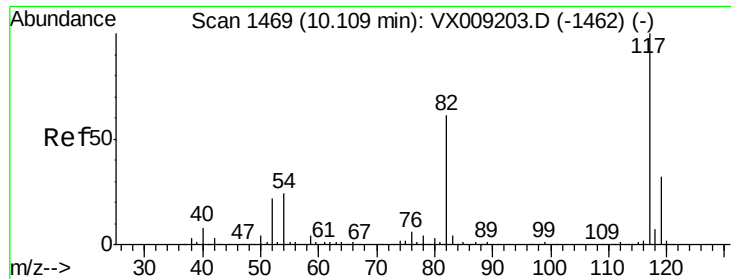
Tot Ion: 98 Resp: 386597
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.032 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009560.D
Acq: 14 May 2019 14:30

Tgt Ion: 95 Resp: 125660
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.6
176 81.7 0.0 159.2

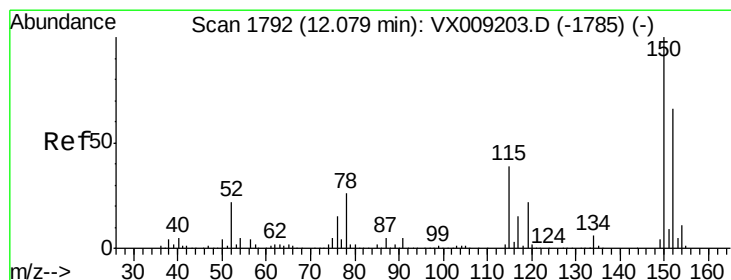
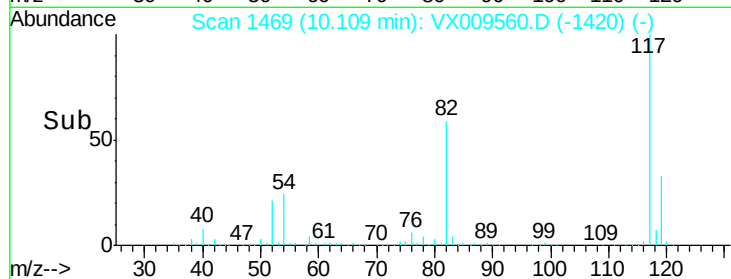
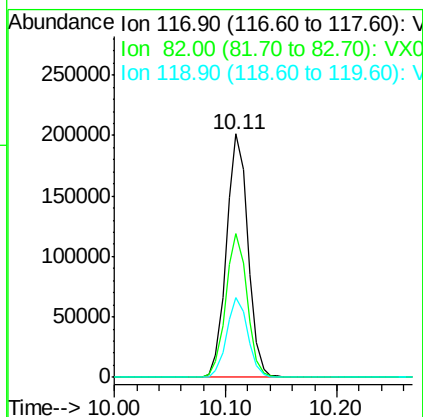
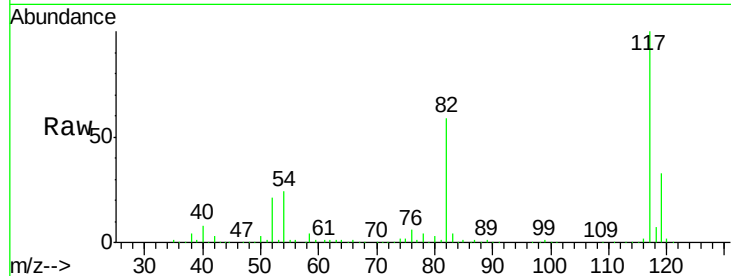




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009560.D
Acq: 14 May 2019 14:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 269885
Ion Ratio Lower Upper
117 100
82 58.9 48.8 73.2
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009560.D
Acq: 14 May 2019 14:30

Tgt Ion:152 Resp: 115267
Ion Ratio Lower Upper
152 100
115 58.2 41.2 123.6
150 156.3 0.0 346.4

