

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011803.D
 Acq On : 23 Aug 2019 17:14
 Operator : JC/SP
 Sample : K4513-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 26 03:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	485545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	271200	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	200309	41.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.14%	
35) Dibromofluoromethane	5.49	113	187331	45.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.98%	
50) Toluene-d8	8.71	98	719137	50.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	244671	43.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.18%	

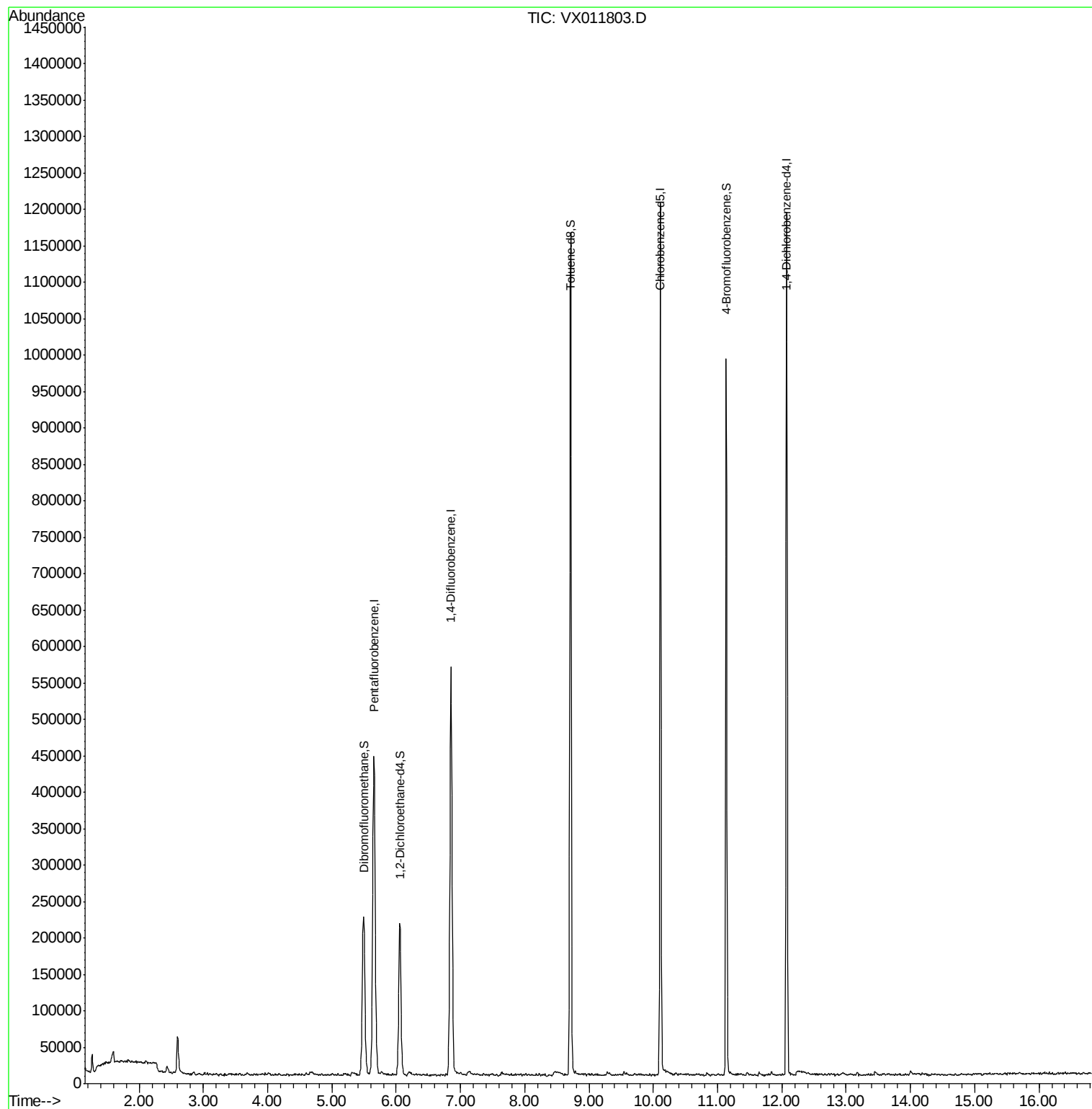
Target Compounds	Qvalue
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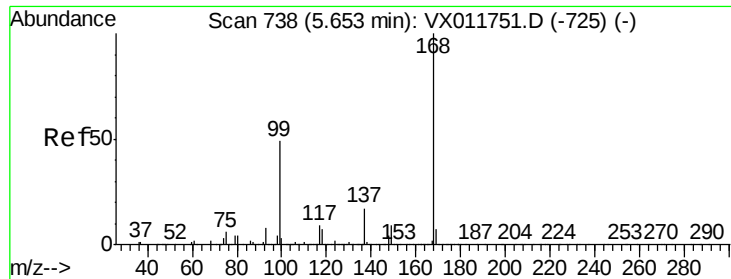
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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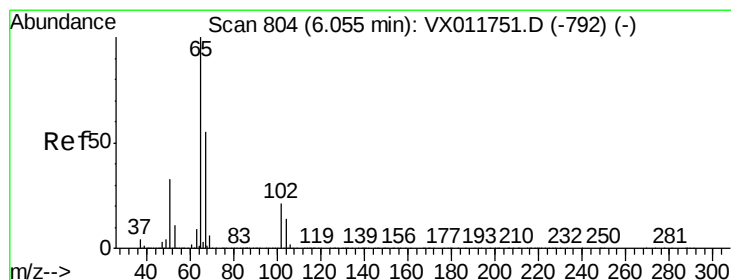
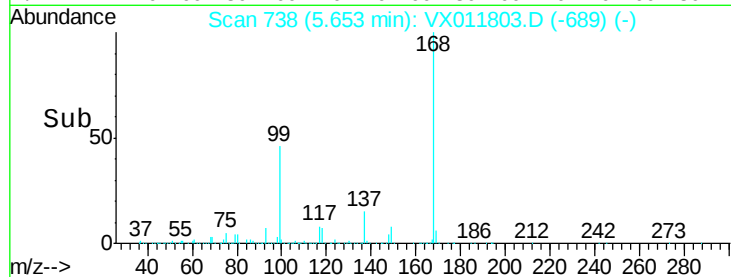
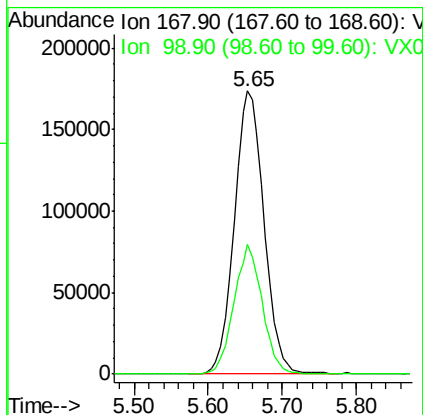
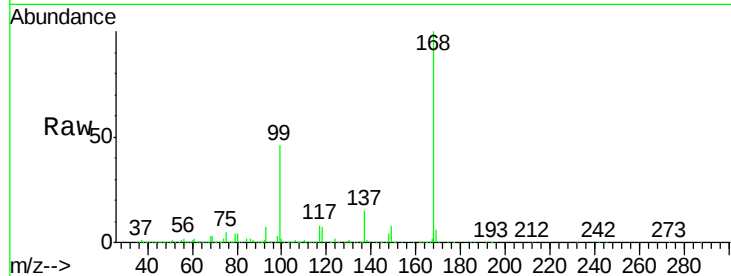


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VX011803.D
 Acq: 23 Aug 2019 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

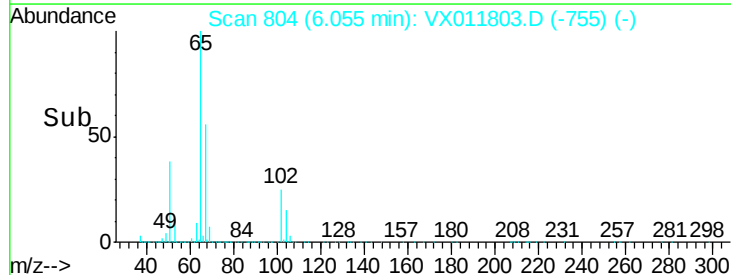
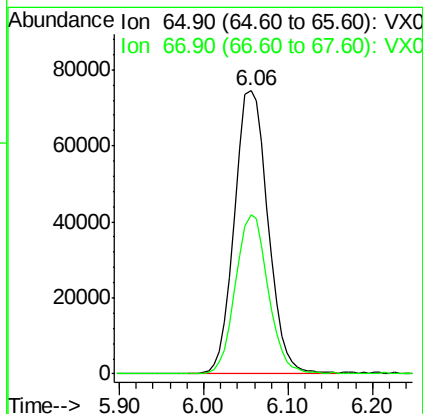
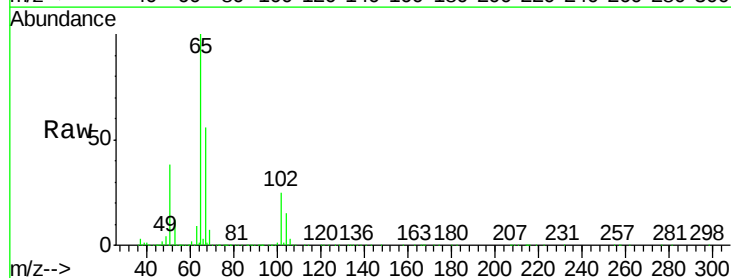
Tot Ion:168 Resp: 485545
 Ion Ratio Lower Upper
 168 100
 99 45.9 39.4 59.2

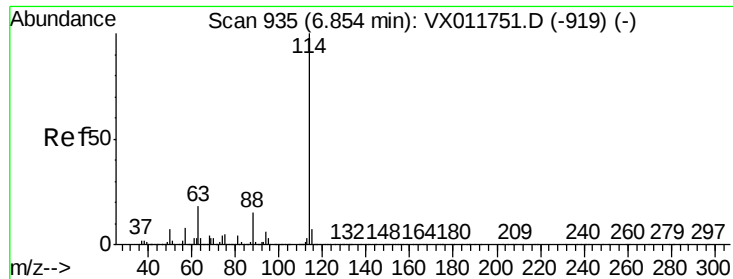


#33

1,2-Dichloroethane-d4
 Concen: 41.067 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011803.D
 Acq: 23 Aug 2019 17:14

Tgt Ion: 65 Resp: 200309
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011803.D

Acq: 23 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

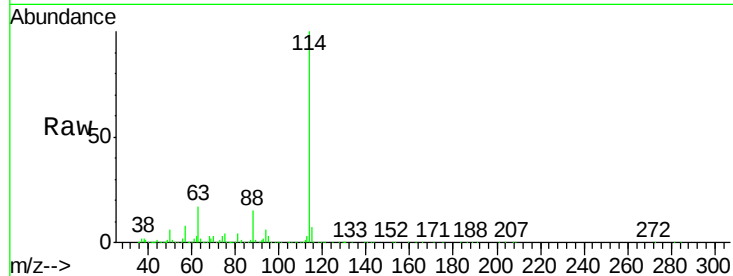
Tot Ion:114 Resp: 636894

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

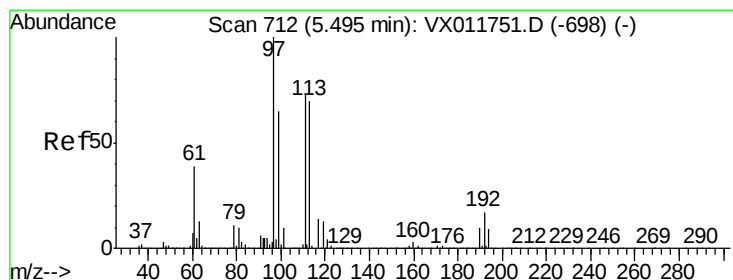
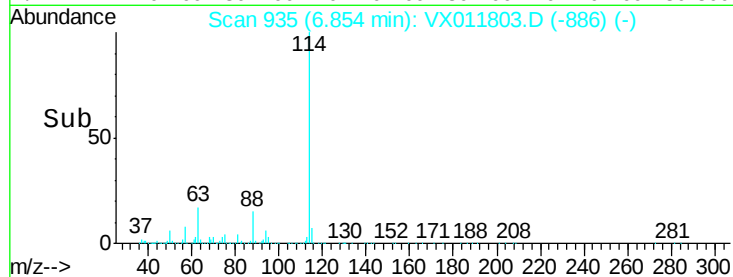
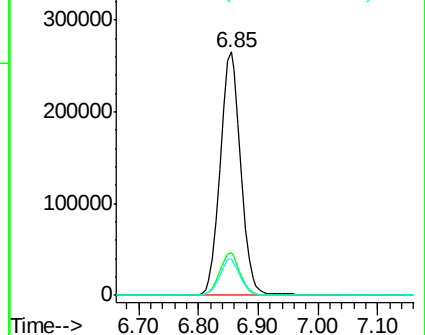
88 15.1 0.0 30.2



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: 45.486 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011803.D

Acq: 23 Aug 2019 17:14

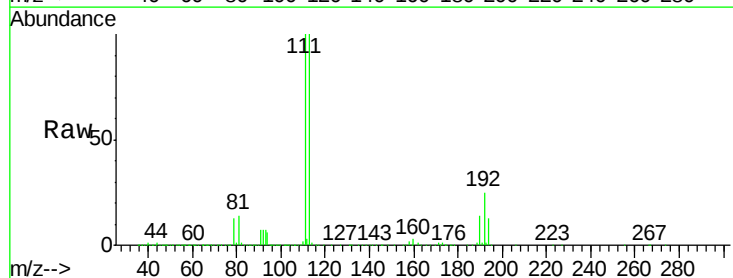
Tgt Ion:113 Resp: 187331

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

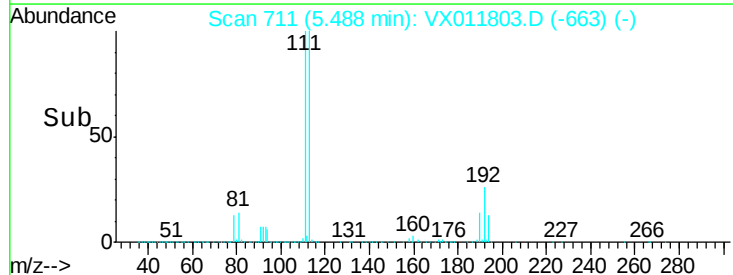
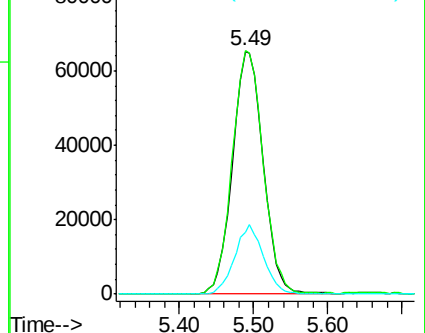
192 26.9 19.9 29.9

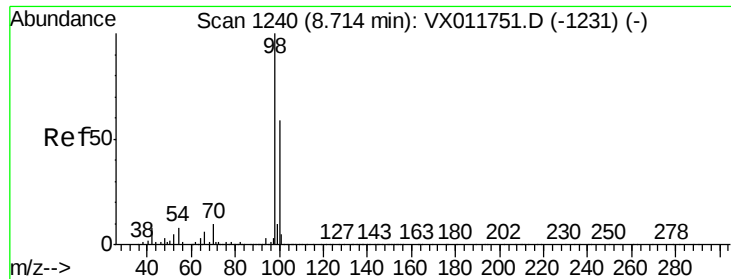


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.061 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011803.D

Acq: 23 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

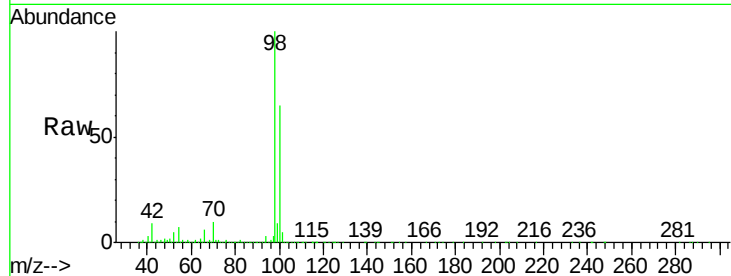
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 719137

Ion Ratio Lower Upper

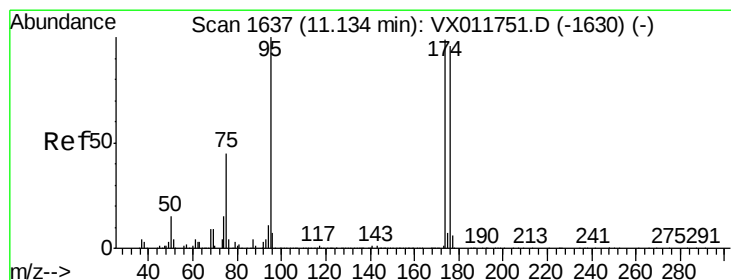
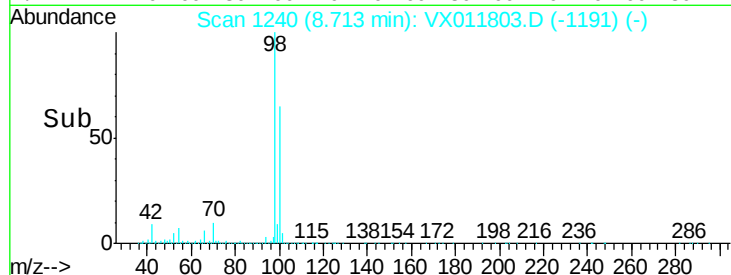
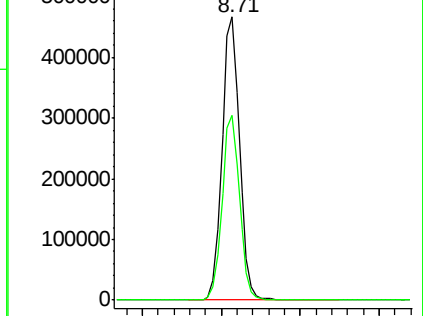
98 100

100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.091 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011803.D

Acq: 23 Aug 2019 17:14

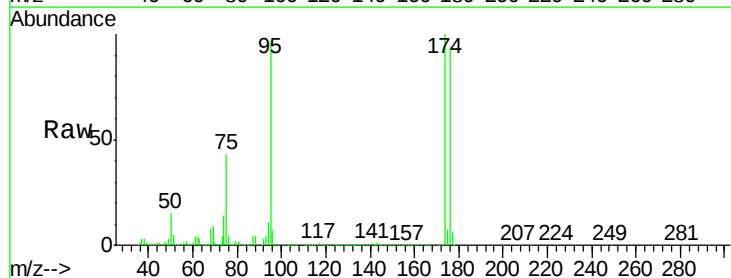
Tgt Ion: 95 Resp: 244671

Ion Ratio Lower Upper

95 100

174 104.6 0.0 197.4

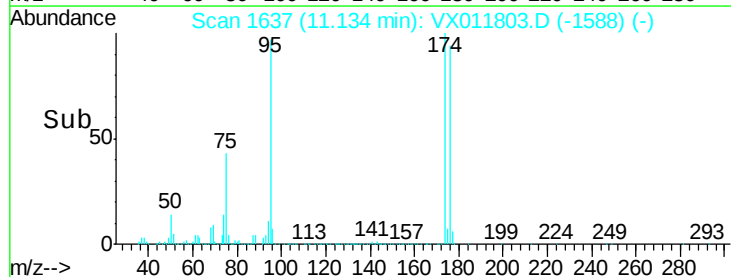
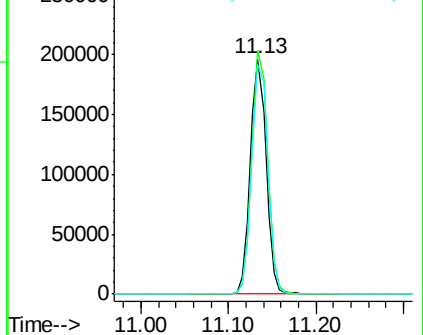
176 100.4 0.0 194.4

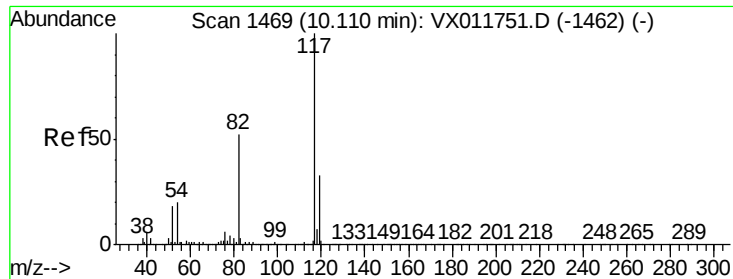


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

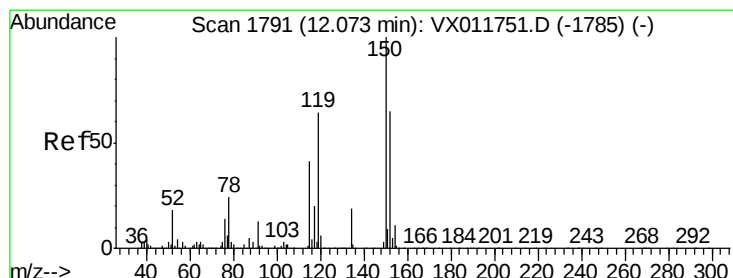
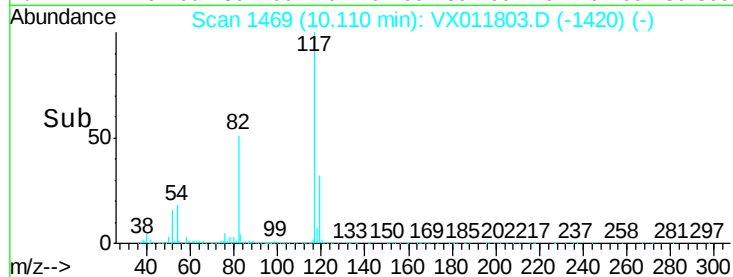
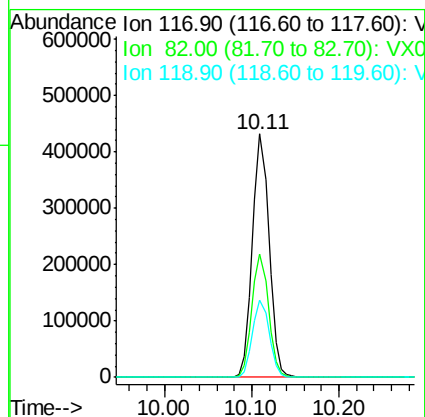
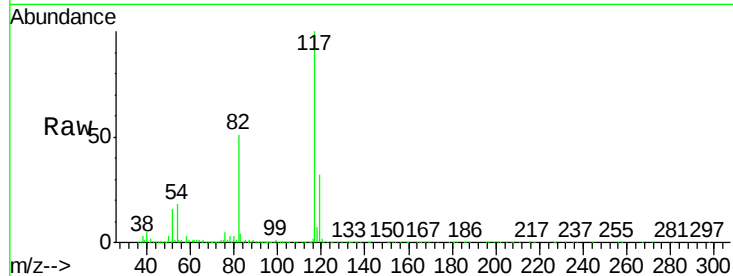




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011803.D
Acq: 23 Aug 2019 17:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 570206
Ion Ratio Lower Upper
117 100
82 50.9 41.7 62.5
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011803.D
Acq: 23 Aug 2019 17:14

Tgt Ion:152 Resp: 271200
Ion Ratio Lower Upper
152 100
115 51.7 37.3 111.8
150 155.6 0.0 343.0

