

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009794.D
 Acq On : 22 May 2019 11:06
 Operator : JC/SP
 Sample : VX0522WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

Quant Time: May 23 07:25:47 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	174133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105764	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	119055	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	86309	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	351220	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	116962	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

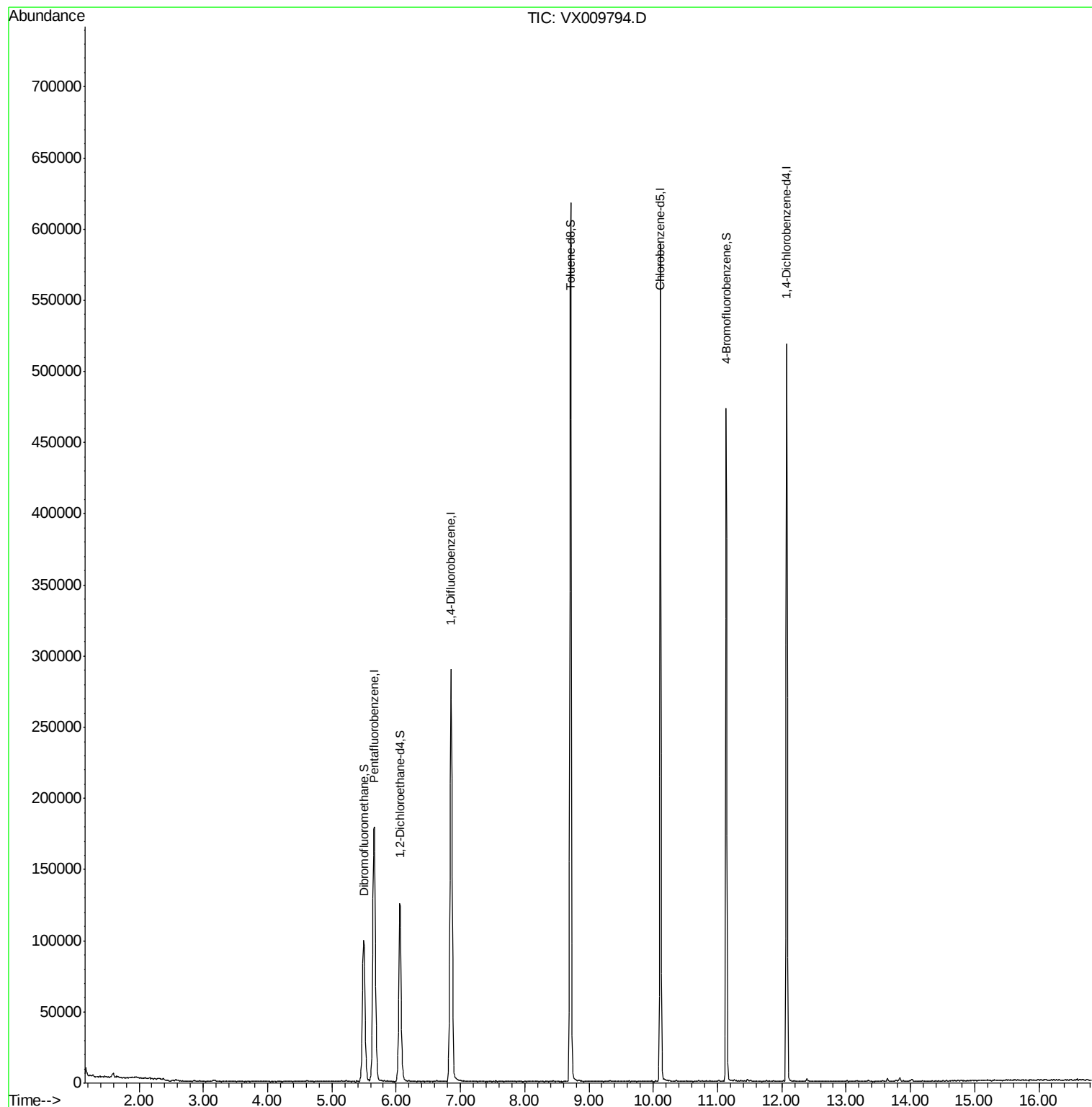
Target Compounds	Qvalue
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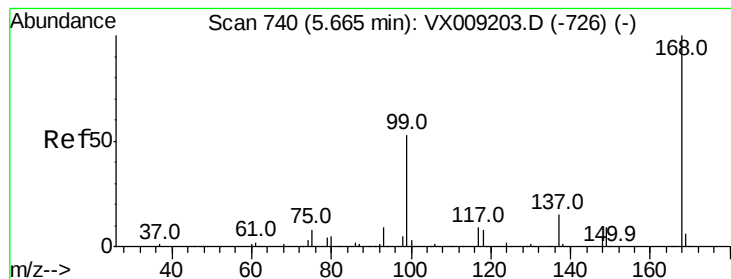
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

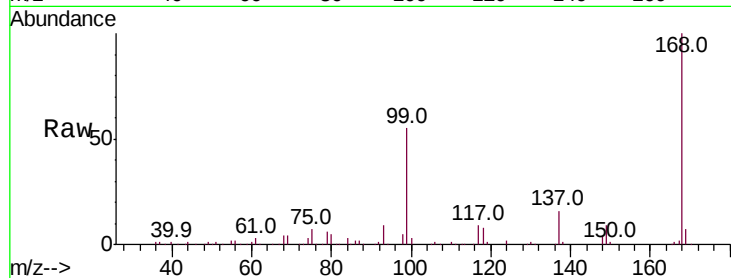
VX0522WBL01

Tot Ion:168 Resp: 174133

Ion Ratio Lower Upper

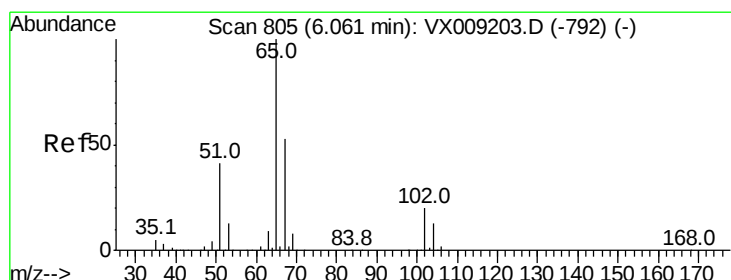
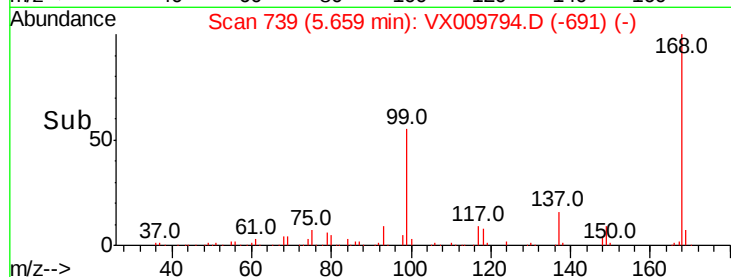
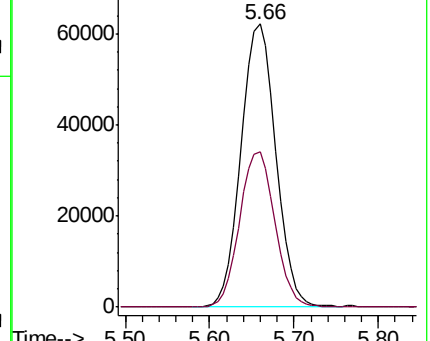
168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.084 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009794.D

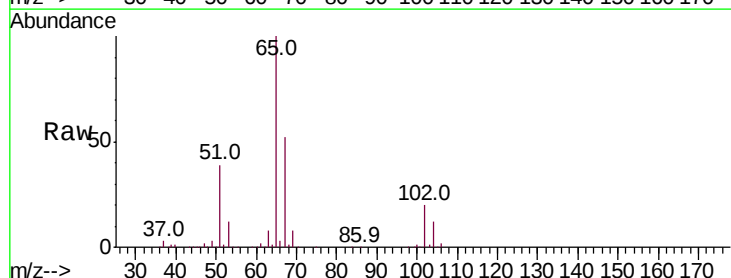
Acq: 22 May 2019 11:06

Tgt Ion: 65 Resp: 119055

Ion Ratio Lower Upper

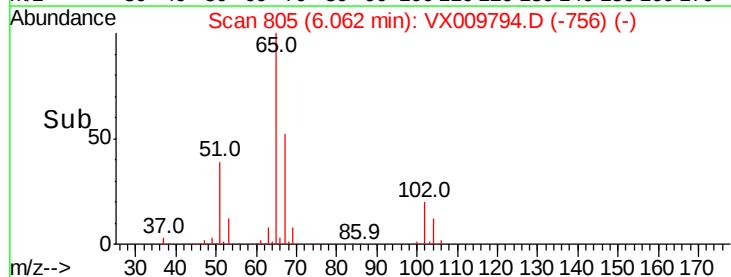
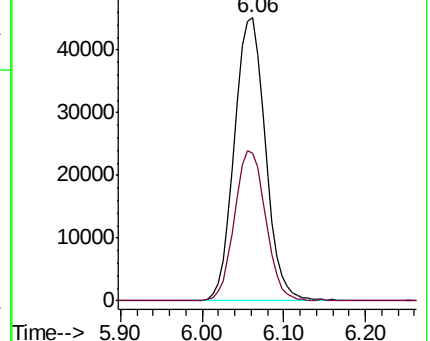
65 100

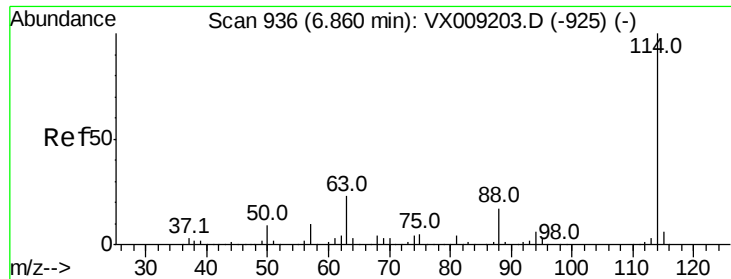
67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

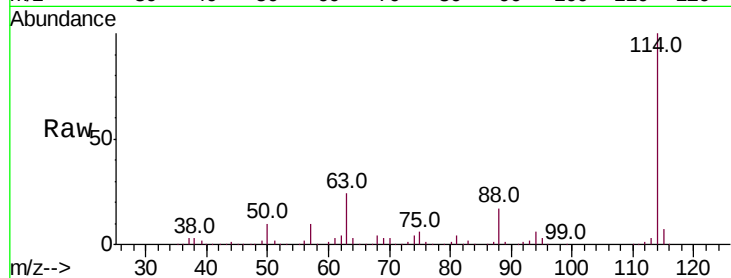




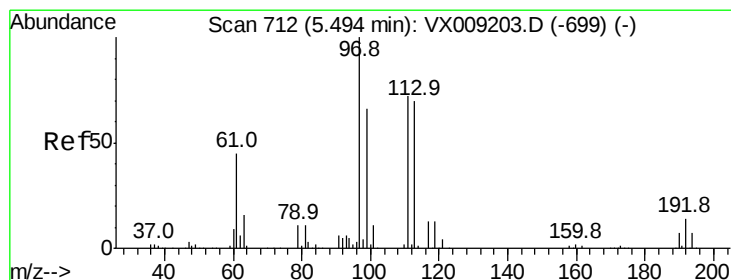
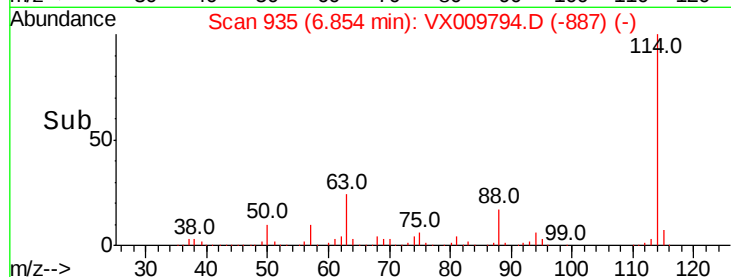
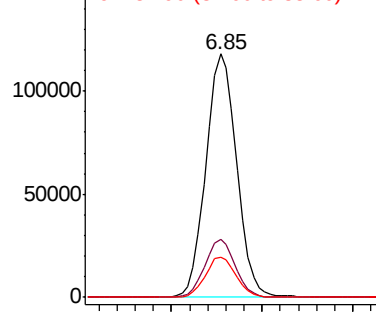
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009794.D
 Acq: 22 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

Tot Ion:114 Resp: 278174
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.7 0.0 33.2

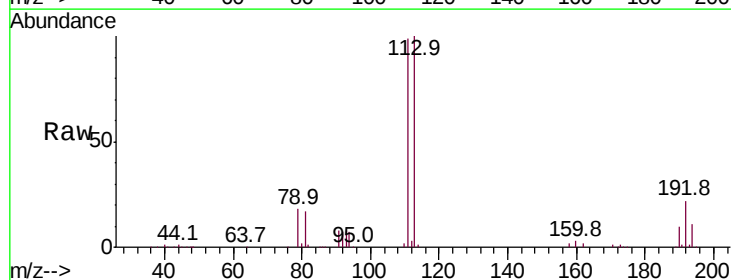


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

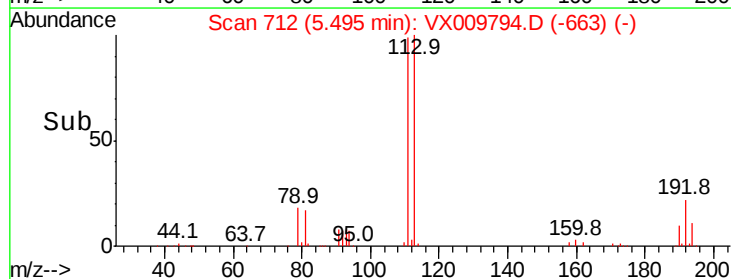
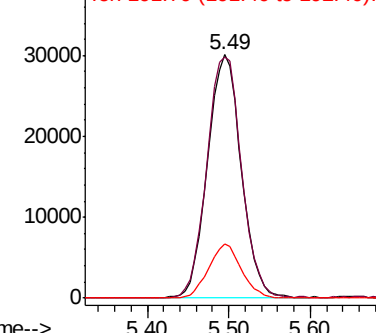


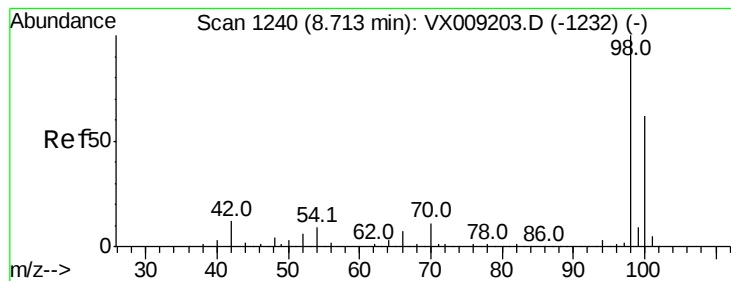
#35
 Dibromofluoromethane
 Concen: 49.356 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009794.D
 Acq: 22 May 2019 11:06

Tgt Ion:113 Resp: 86309
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.8 124.2
 192 21.6 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: 49.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

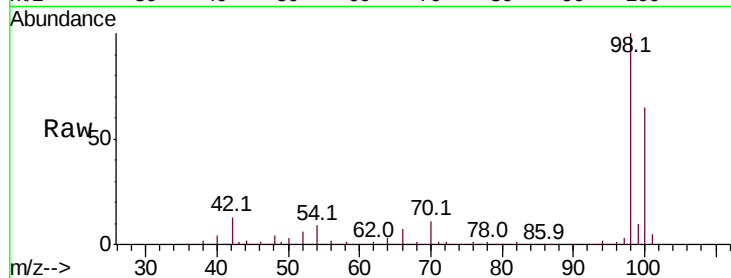
VX0522WBL01

Tot Ion: 98 Resp: 351220

Ion Ratio Lower Upper

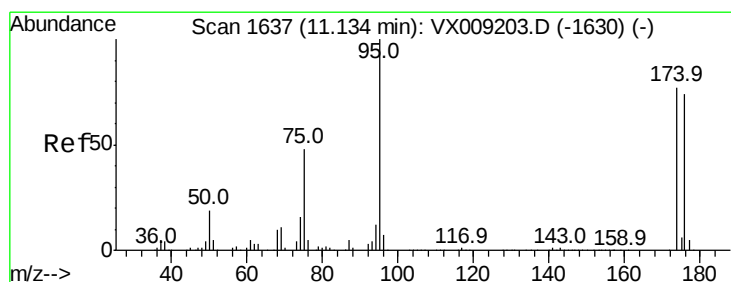
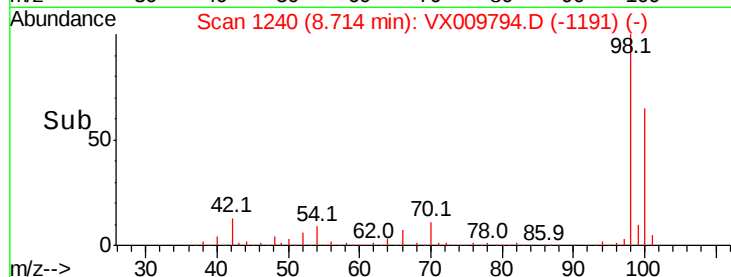
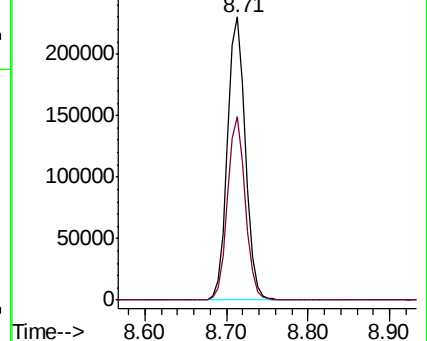
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 45.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

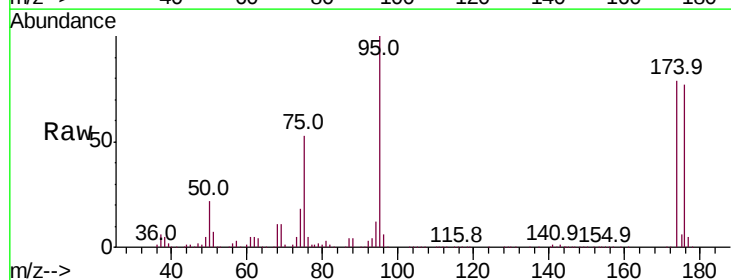
Tgt Ion: 95 Resp: 116962

Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

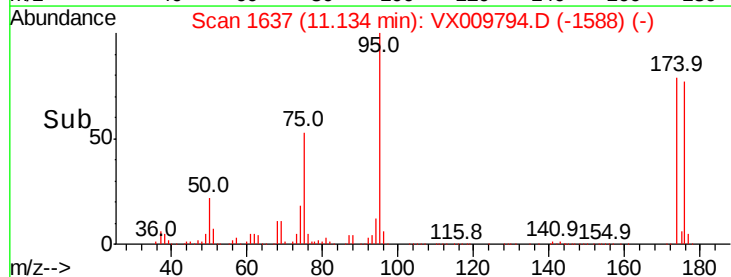
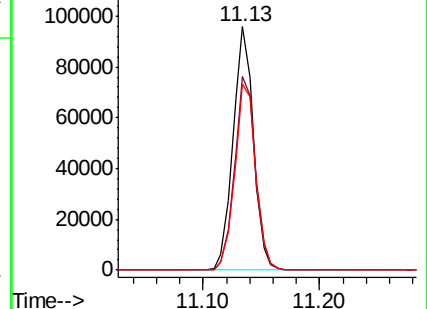
176 78.4 0.0 159.2

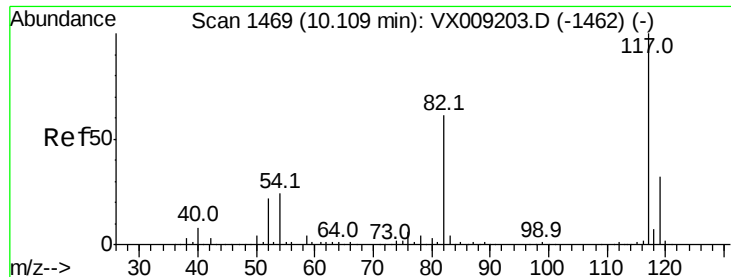


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

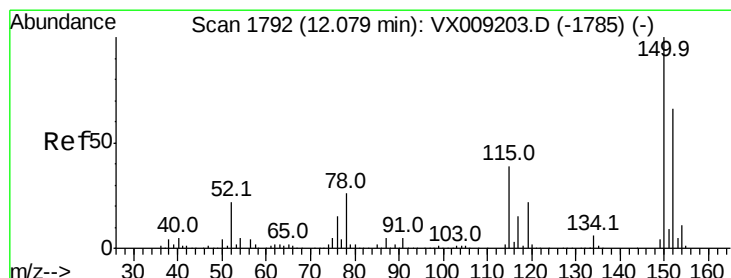
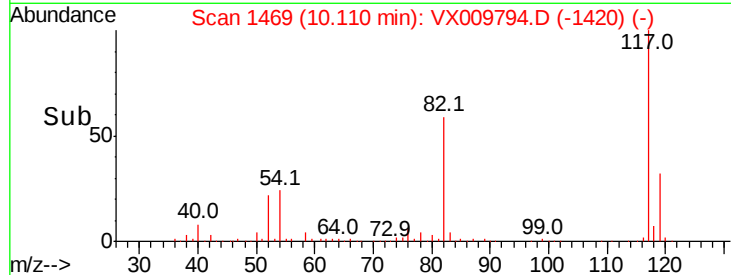
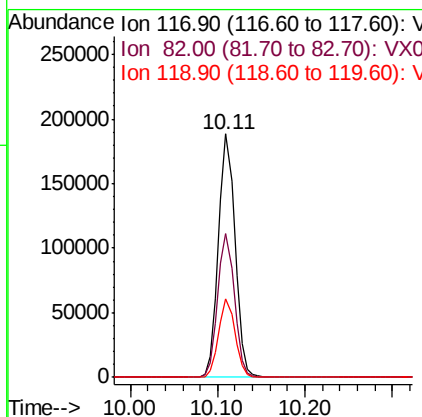
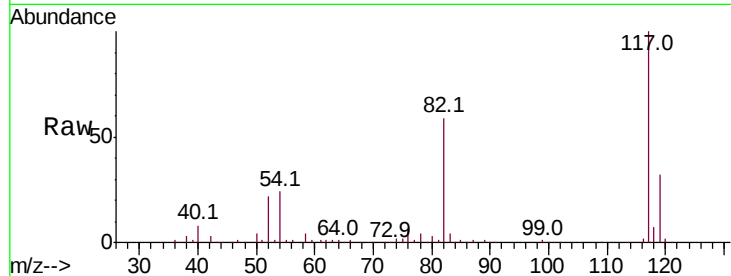




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009794.D
 Acq: 22 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

Tot Ion:117	Resp:	247209
Ion	Ratio	Lower Upper
117	100	
82	59.2	48.8 73.2
119	32.3	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: VX009794.D
 Acq: 22 May 2019 11:06

Tgt Ion:152	Resp:	105764
Ion	Ratio	Lower Upper
152	100	
115	59.0	41.2 123.6
150	158.0	0.0 346.4

