

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008684.D
 Acq On : 05 Apr 2019 16:00
 Operator : JC/SP
 Sample : VX0405WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBL02

Quant Time: Apr 06 01:59:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127264	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	5.49	113	92958	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	381117	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	127121	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

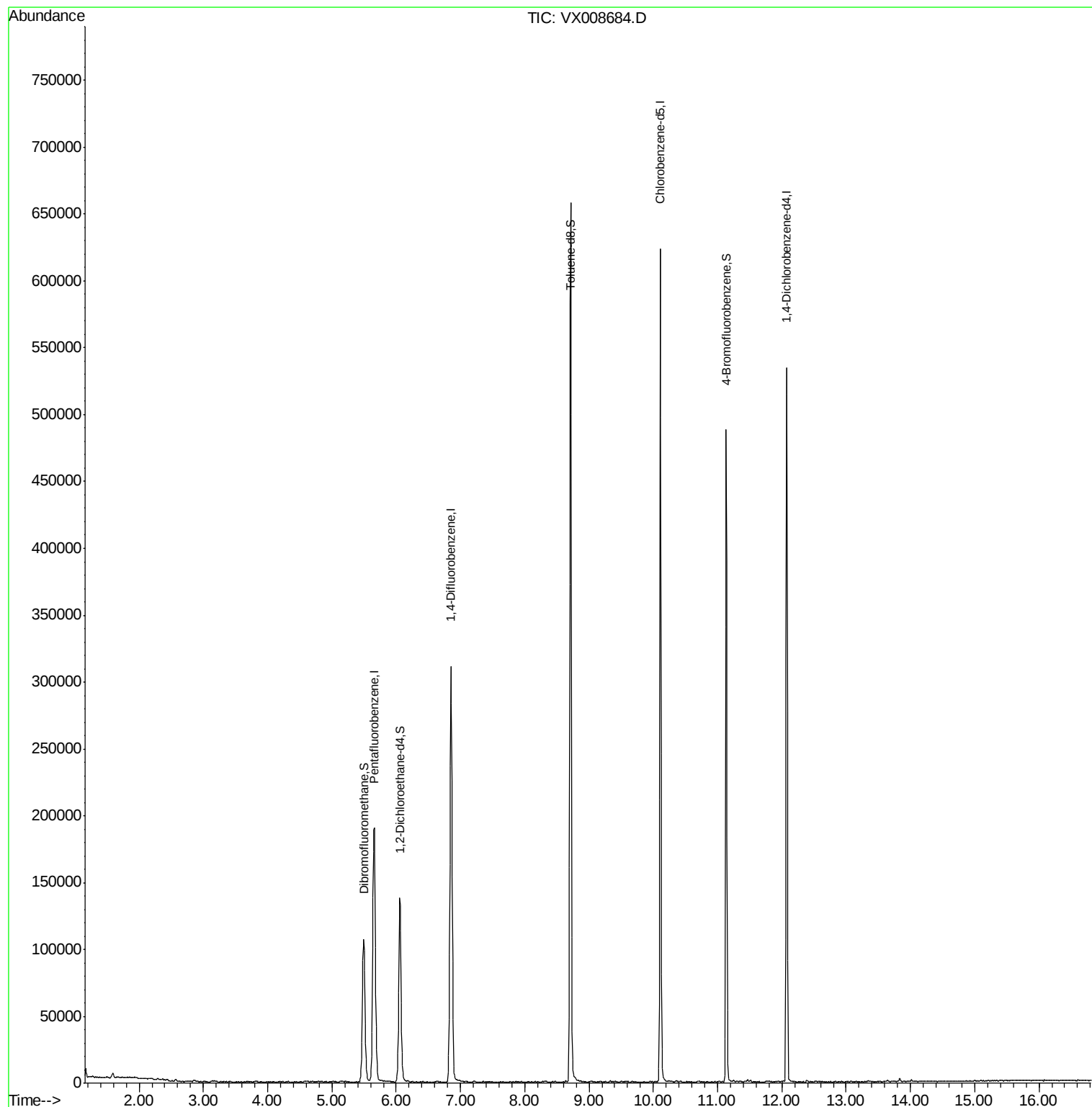
Target Compounds	Qvalue
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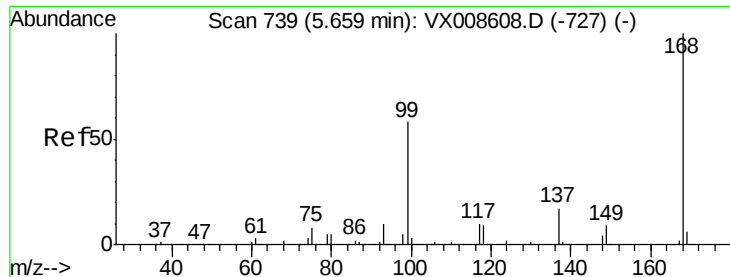
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008684.D

Acq: 05 Apr 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

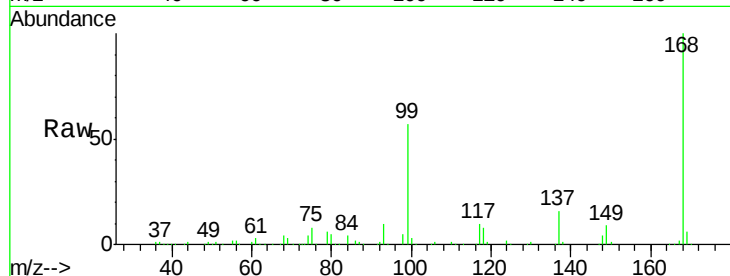
VX0405WBL02

Tgt Ion:168 Resp: 186317

Ion Ratio Lower Upper

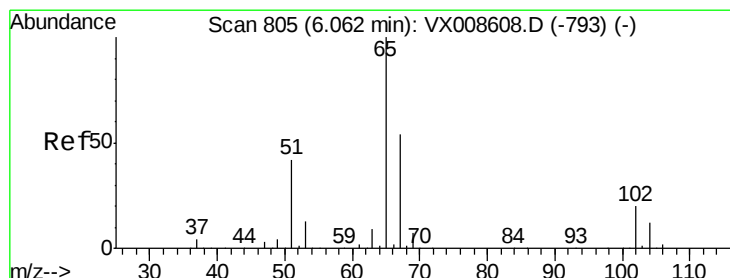
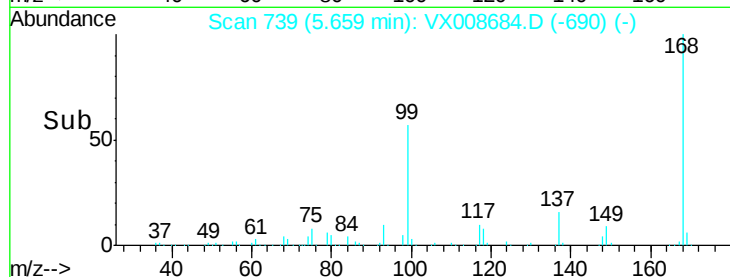
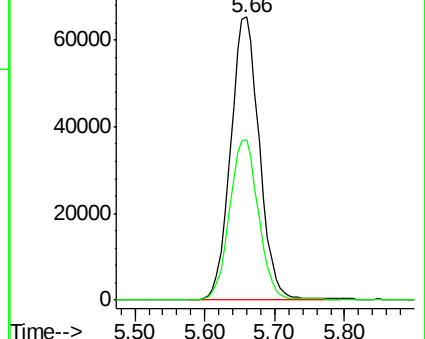
168 100

99 56.7 46.7 70.1



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: 46.831 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008684.D

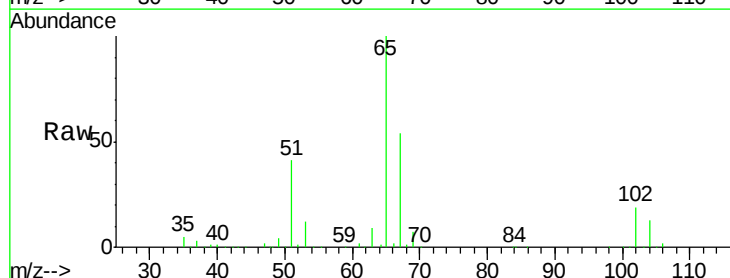
Acq: 05 Apr 2019 16:00

Tgt Ion: 65 Resp: 127264

Ion Ratio Lower Upper

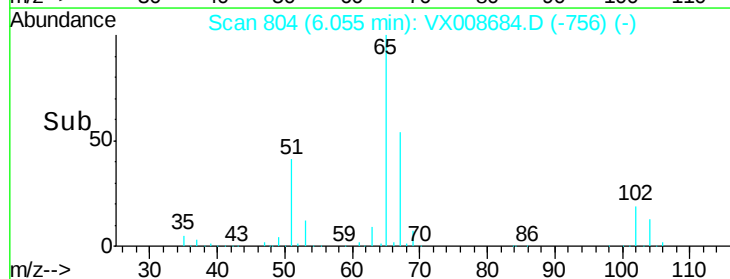
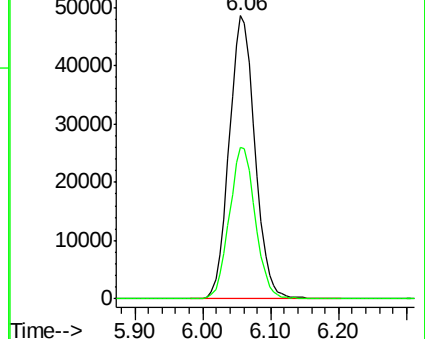
65 100

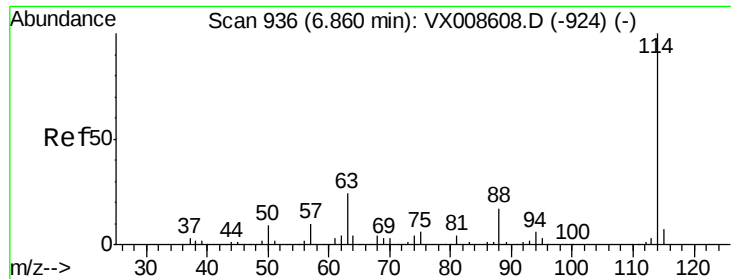
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

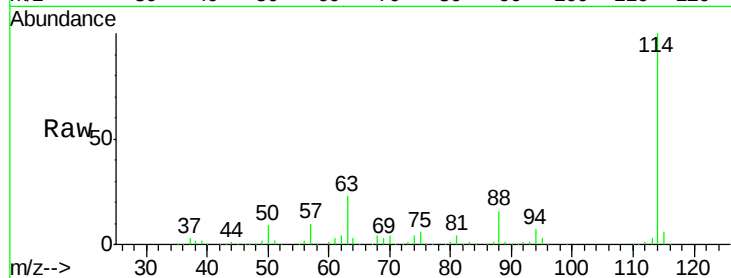




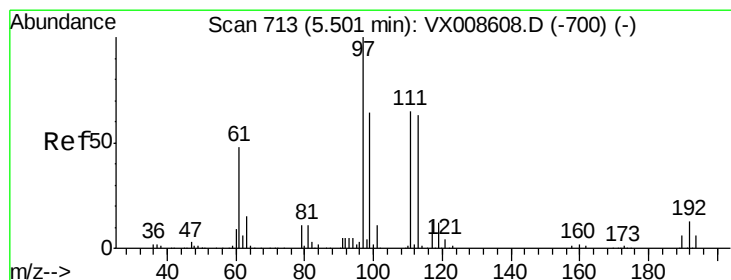
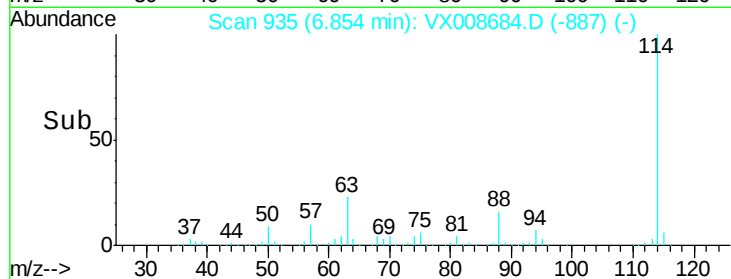
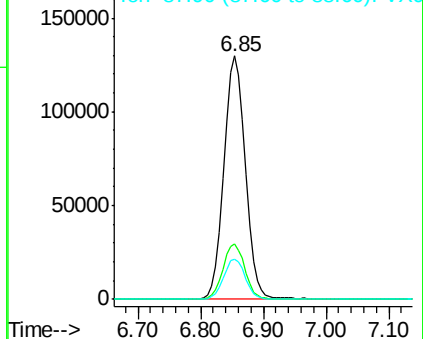
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008684.D
 Acq: 05 Apr 2019 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBL02

Tgt Ion:114 Resp: 308593
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.2 0.0 34.0

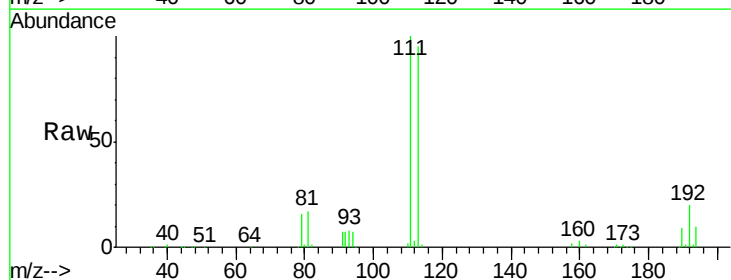


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

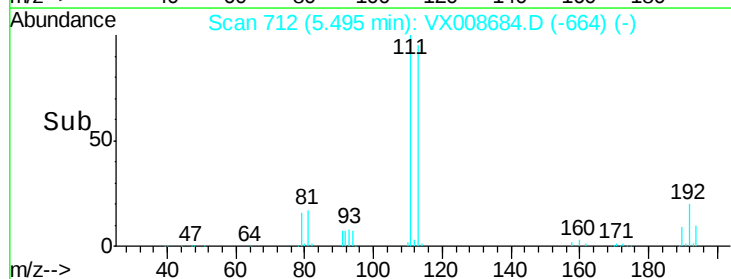
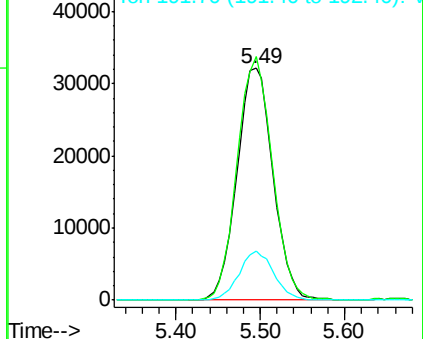


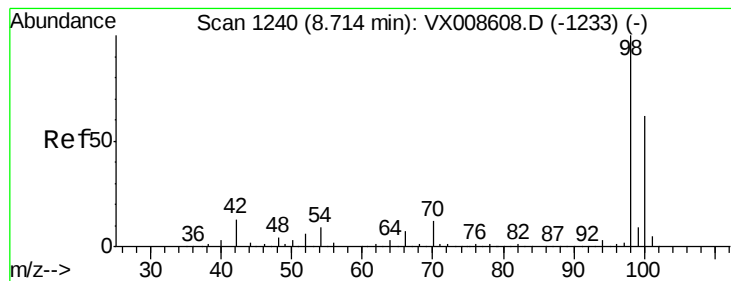
#35
 Dibromofluoromethane
 Concen: 47.114 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008684.D
 Acq: 05 Apr 2019 16:00

Tgt Ion:113 Resp: 92958
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 20.5 16.1 24.1



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: 48.512 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008684.D

Acq: 05 Apr 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

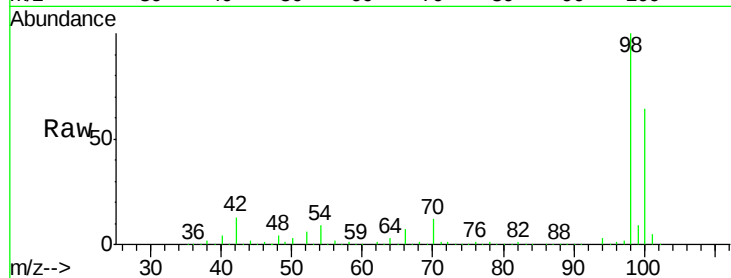
VX0405WBL02

Tgt Ion: 98 Resp: 381117

Ion Ratio Lower Upper

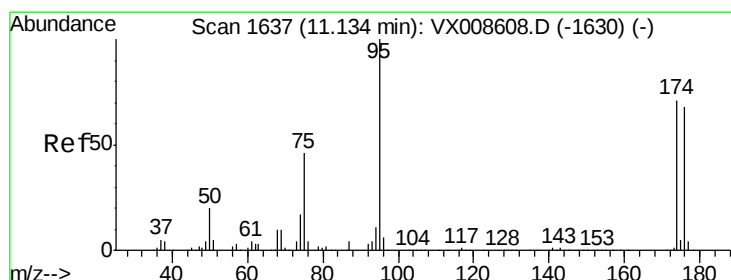
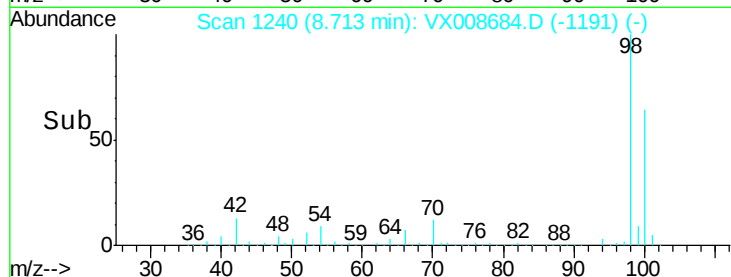
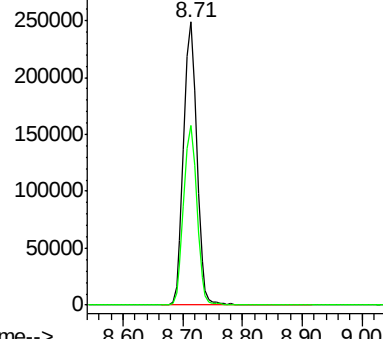
98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.630 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008684.D

Acq: 05 Apr 2019 16:00

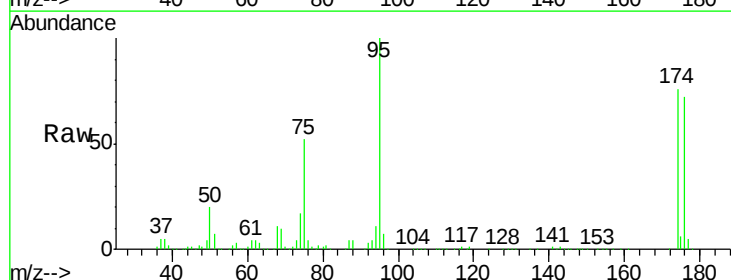
Tgt Ion: 95 Resp: 127121

Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.8

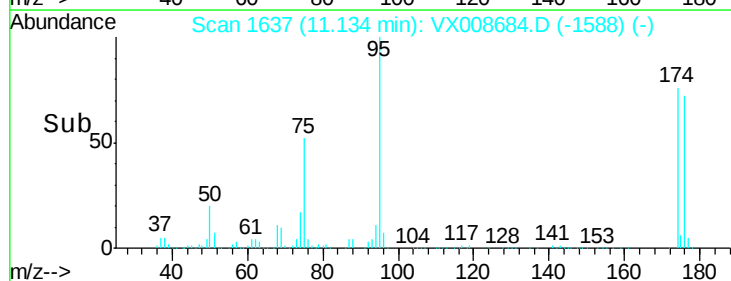
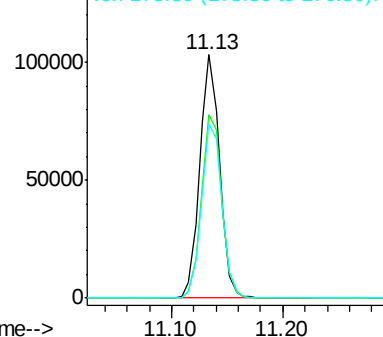
176 74.2 0.0 145.8

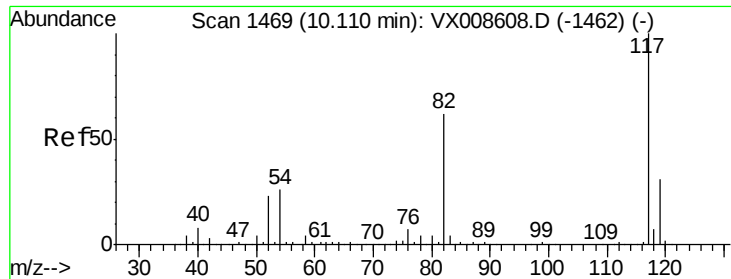


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

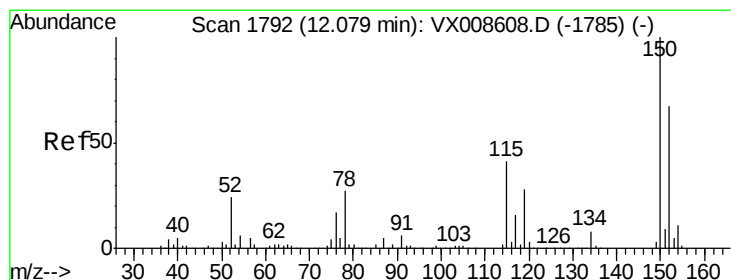
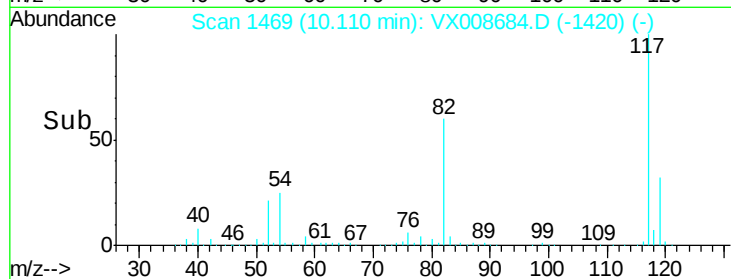
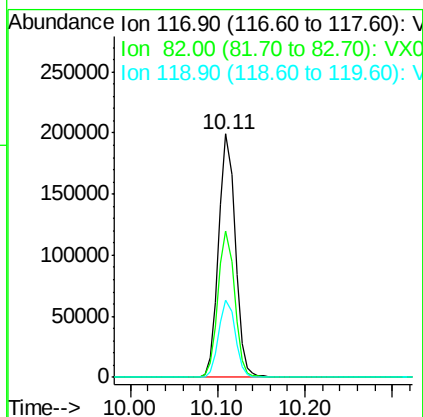
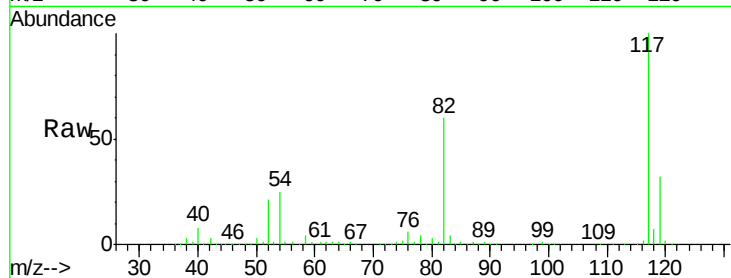




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008684.D
Acq: 05 Apr 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL02

Tgt Ion:117 Resp: 261952
Ion Ratio Lower Upper
117 100
82 60.0 49.6 74.4
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008684.D
Acq: 05 Apr 2019 16:00

Tgt Ion:152 Resp: 108125
Ion Ratio Lower Upper
152 100
115 60.6 43.5 130.5
150 158.1 0.0 348.8

