

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009199.D
 Acq On : 29 Apr 2019 11:13
 Operator : JC/SP
 Sample : VX0429WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL01

Quant Time: Apr 30 07:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	366877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136570	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147101	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	110357	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	448630	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.13	95	150910	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

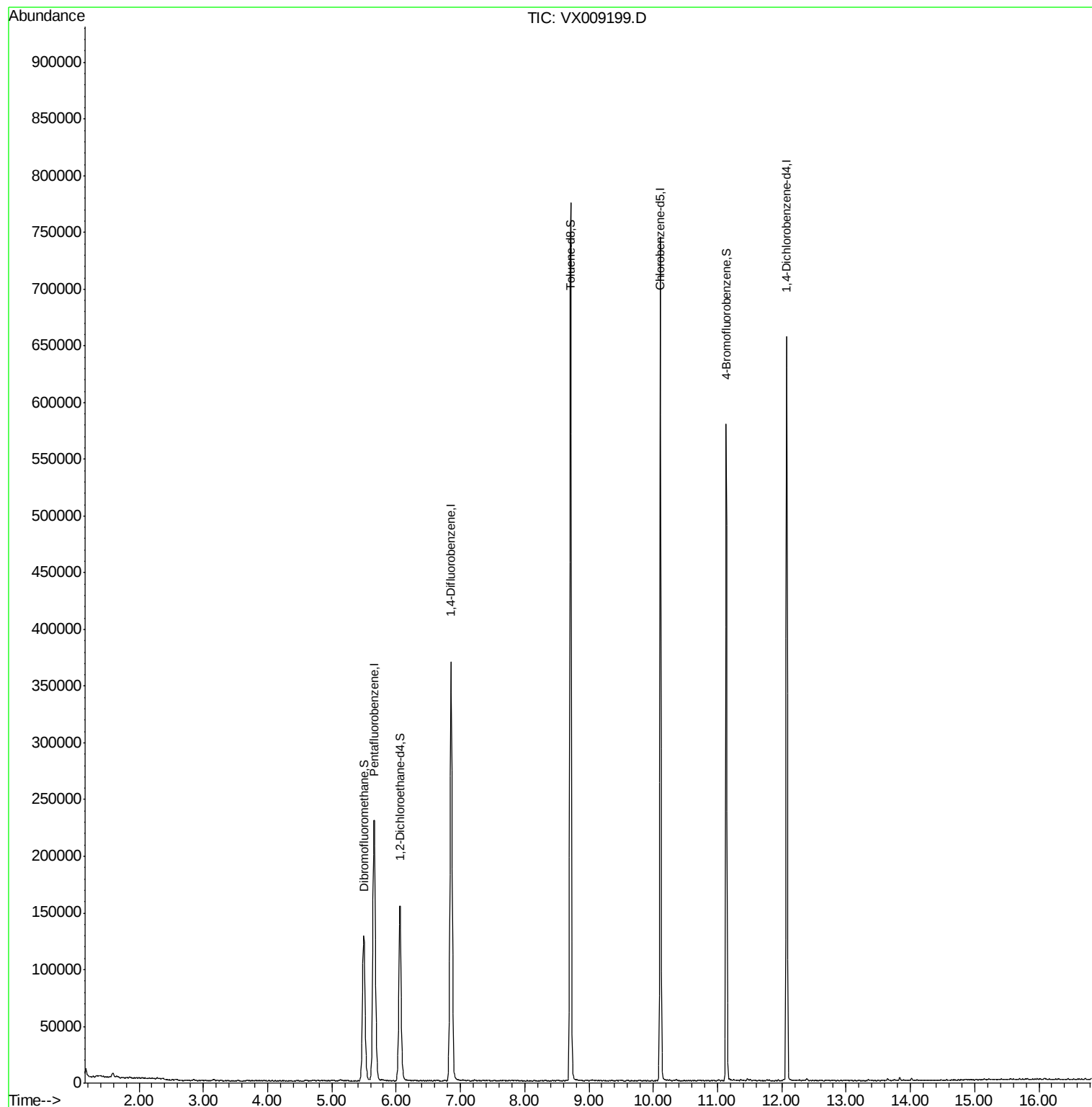
Target Compounds	Qvalue

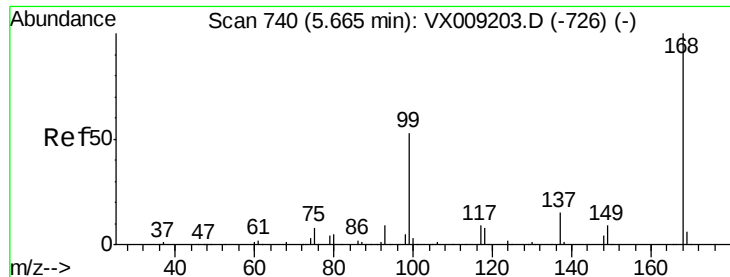
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009199.D

Acq: 29 Apr 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

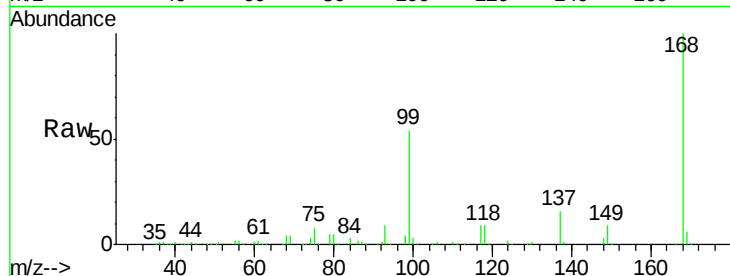
VX0429WBL01

Tot Ion:168 Resp: 226718

Ion Ratio Lower Upper

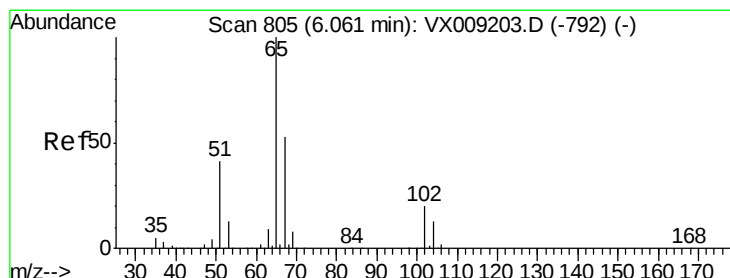
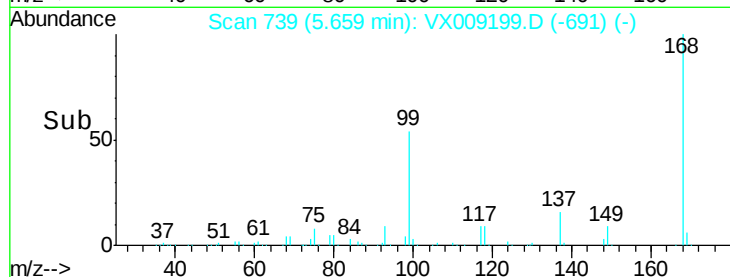
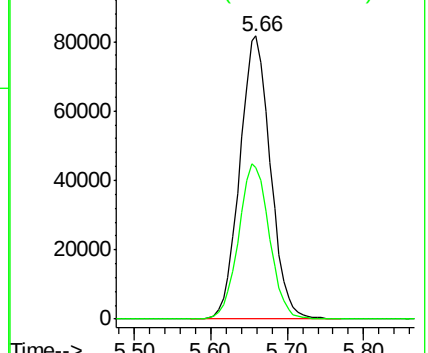
168 100

99 53.6 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: 47.529 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009199.D

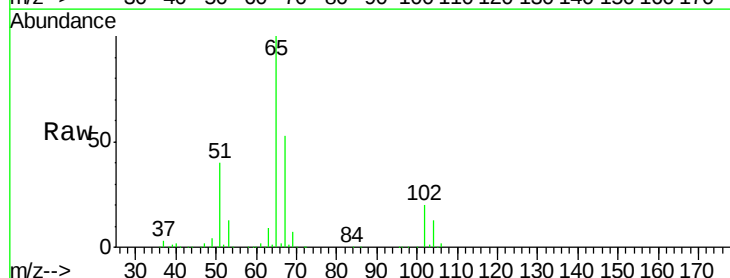
Acq: 29 Apr 2019 11:13

Tgt Ion: 65 Resp: 147101

Ion Ratio Lower Upper

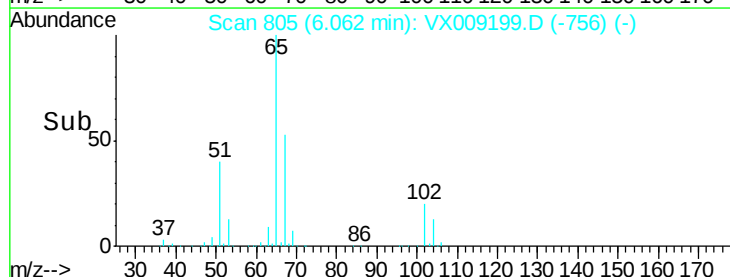
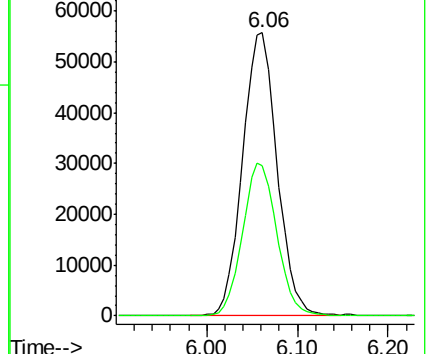
65 100

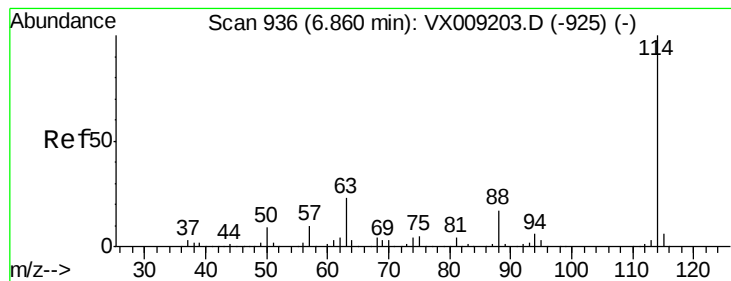
67 53.7 0.0 106.6



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: VX009199.D

Acq: 29 Apr 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBL01

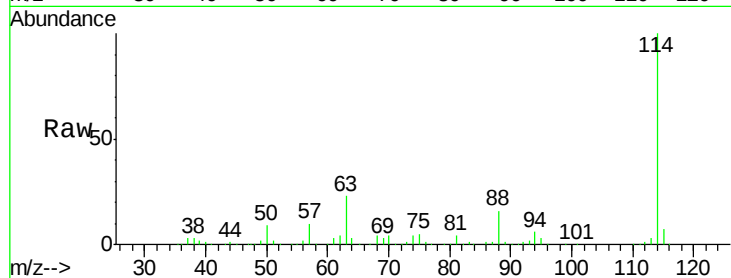
Tot Ion:114 Resp: 366877

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

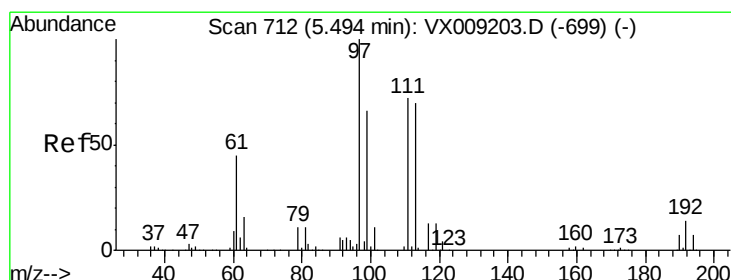
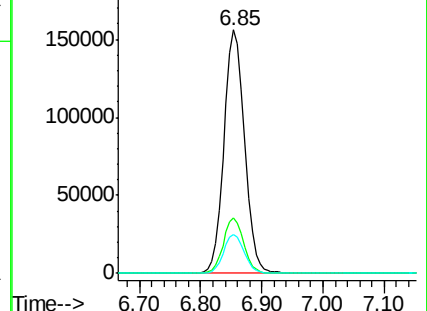
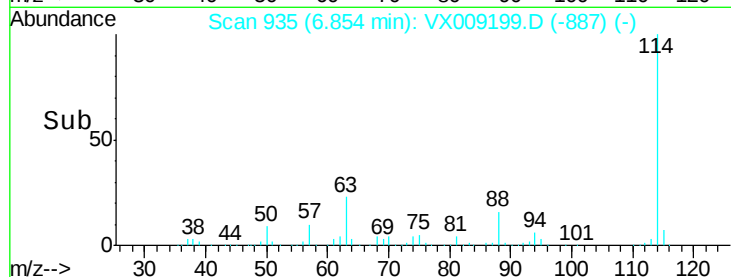
88 16.0 0.0 33.2



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: 47.850 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009199.D

Acq: 29 Apr 2019 11:13

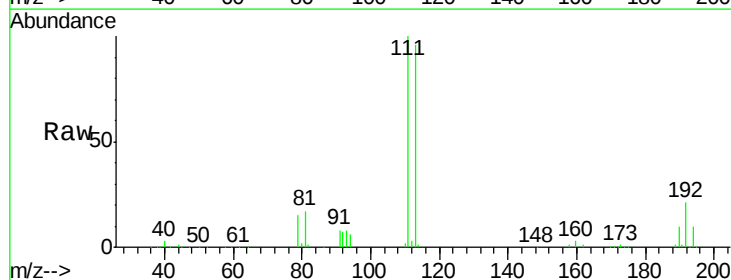
Tgt Ion:113 Resp: 110357

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

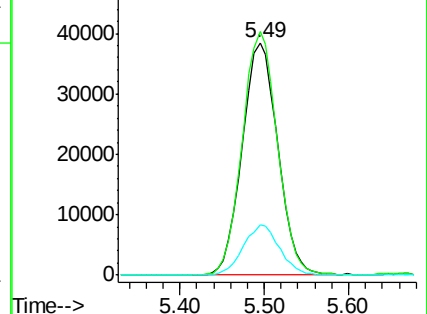
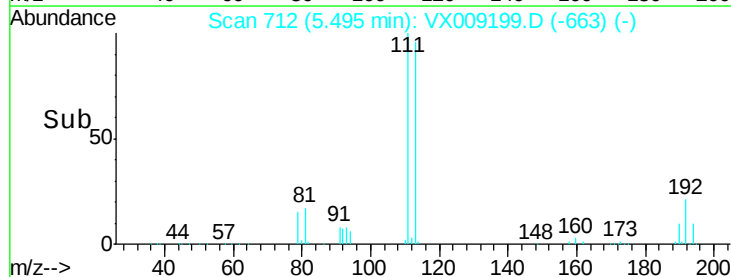
192 21.9 17.0 25.6

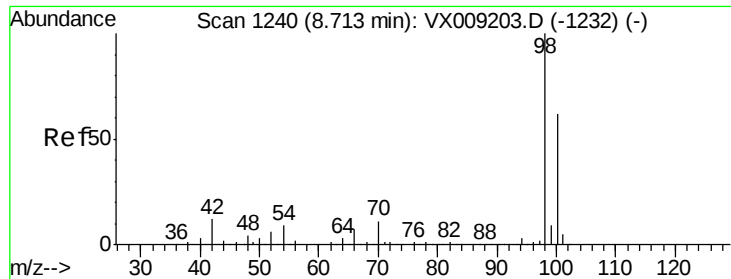


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.181 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009199.D

Acq: 29 Apr 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

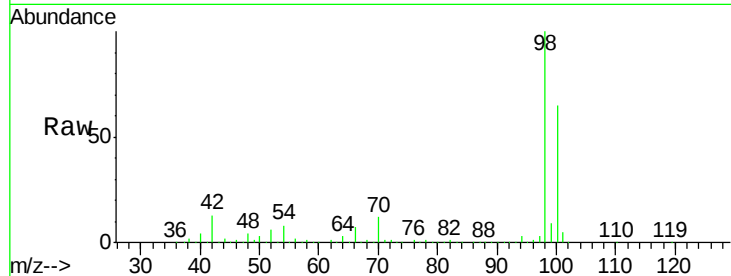
VX0429WBL01

Tot Ion: 98 Resp: 448630

Ion Ratio Lower Upper

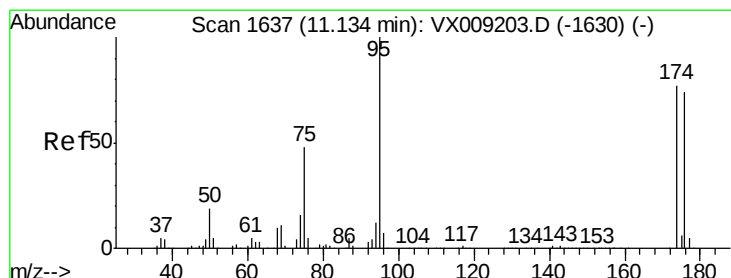
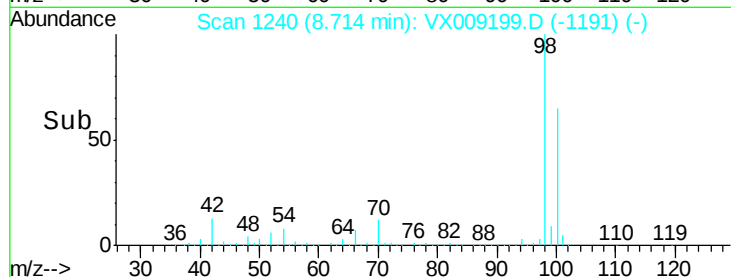
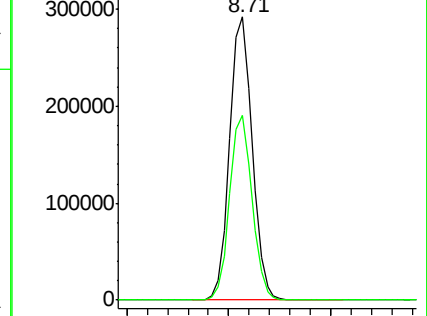
98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009199.D

Acq: 29 Apr 2019 11:13

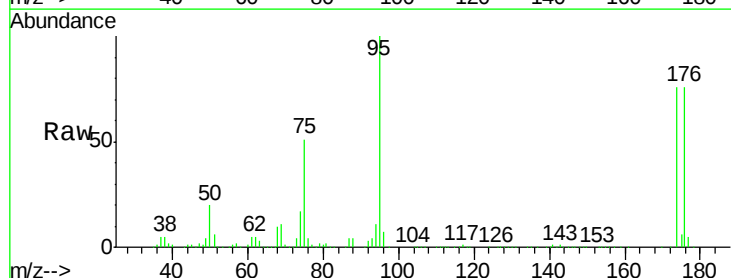
Tgt Ion: 95 Resp: 150910

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.6

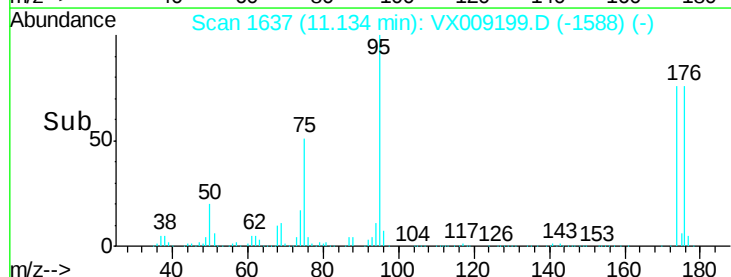
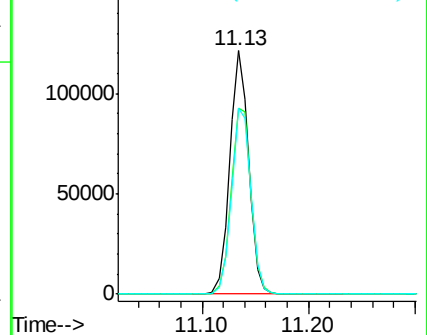
176 78.8 0.0 159.2

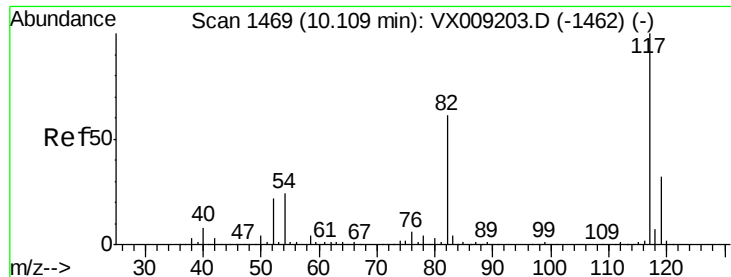


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

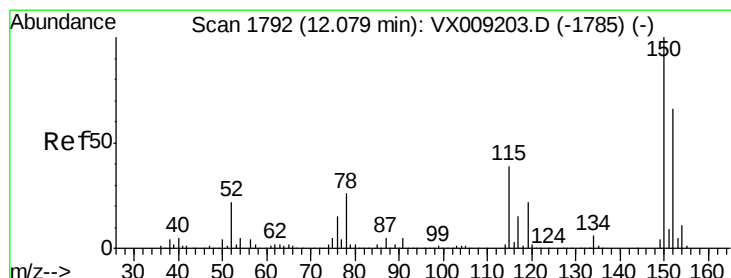
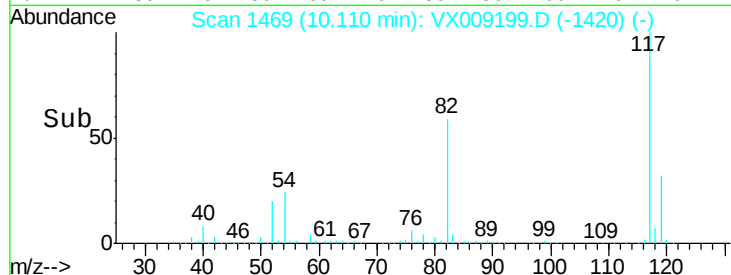
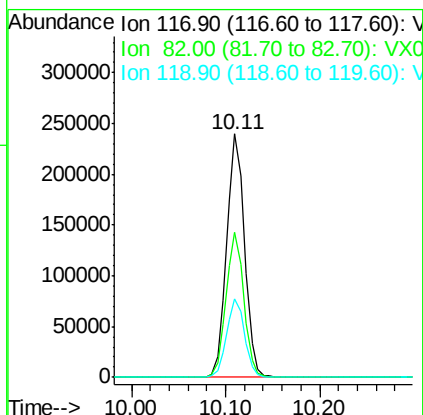
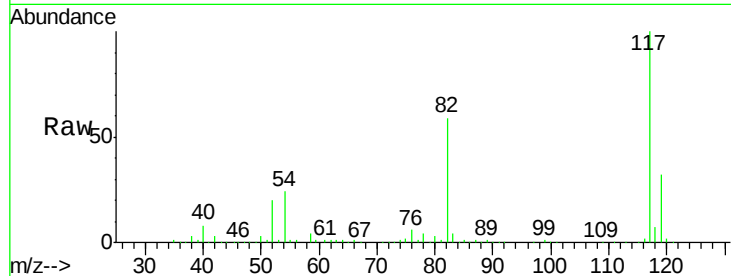




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009199.D
Acq: 29 Apr 2019 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL01

Tot Ion:117 Resp: 316432
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 32.4 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: VX009199.D
Acq: 29 Apr 2019 11:13

Tgt Ion:152 Resp: 136570
Ion Ratio Lower Upper
152 100
115 58.2 41.2 123.6
150 156.0 0.0 346.4

