

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005991.D
 Acq On : 14 Nov 2018 23:14
 Operator : JC/MD
 Sample : VX1114WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBL02

Quant Time: Nov 15 06:23:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120858	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	175592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70066	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	58302	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	205576	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	70301	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	

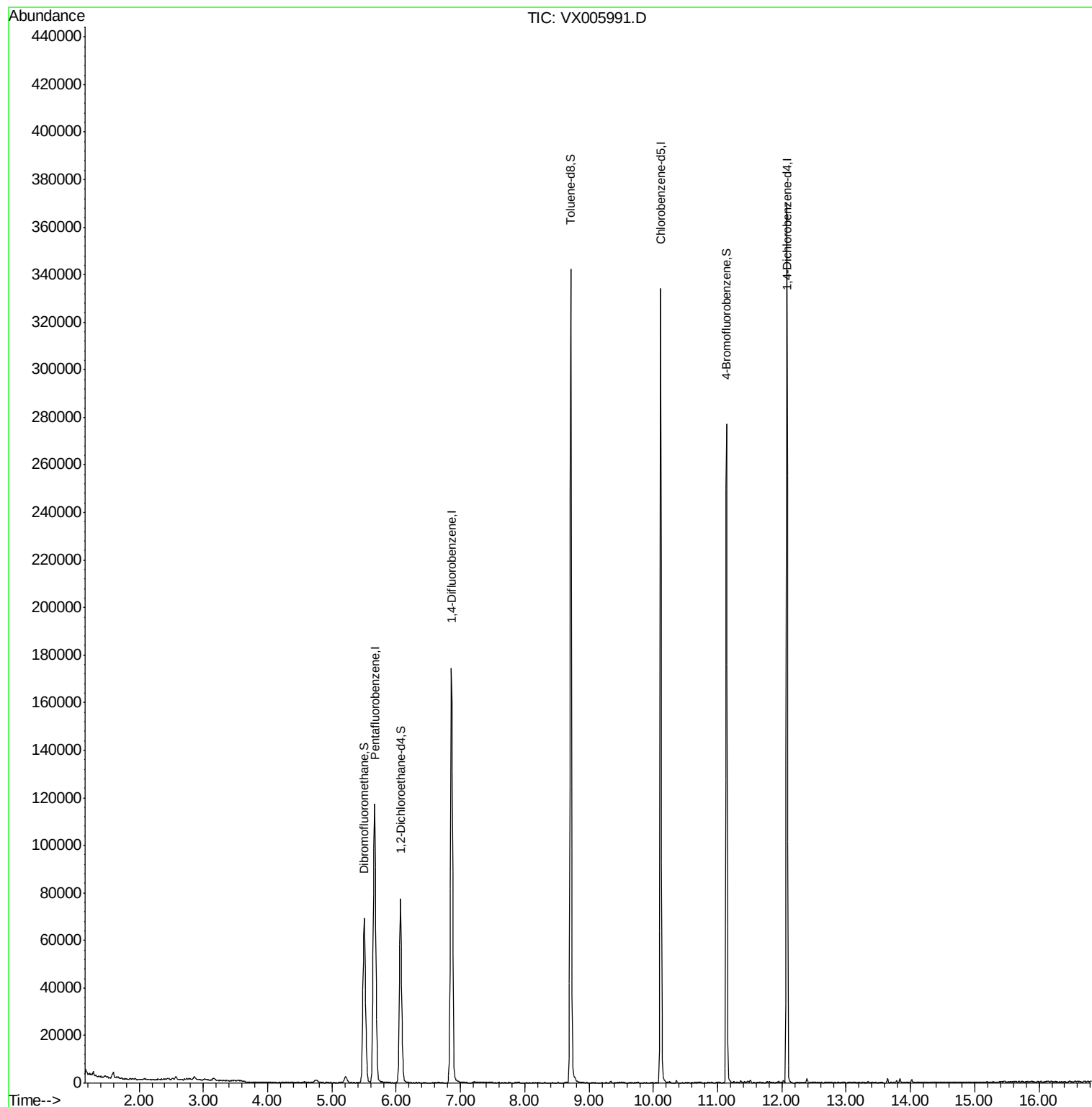
Target Compounds	Qvalue
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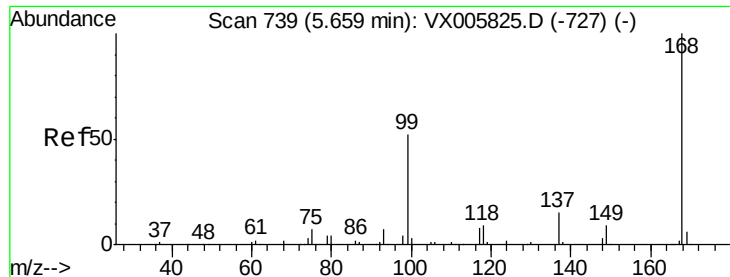
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005991.D

Acq: 14 Nov 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

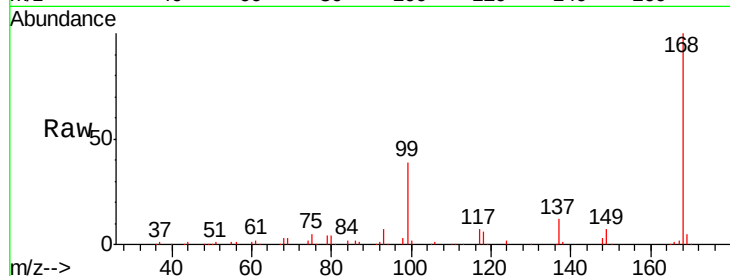
VX1114WBL02

Tgt Ion:168 Resp: 120858

Ion Ratio Lower Upper

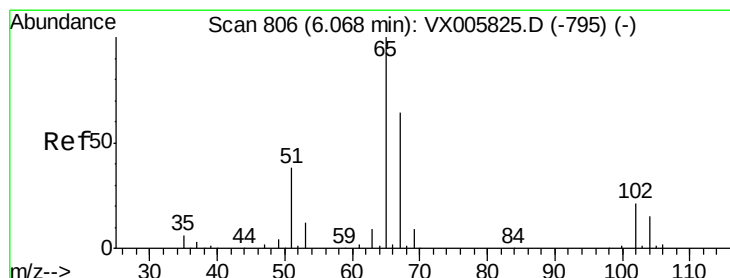
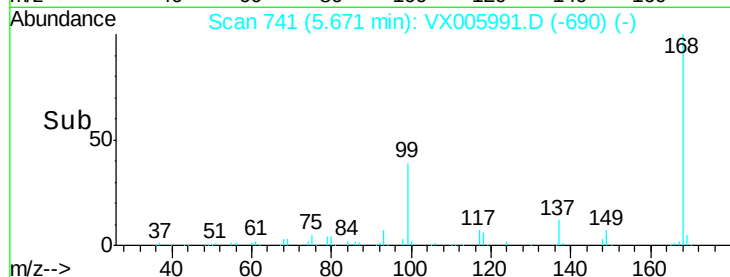
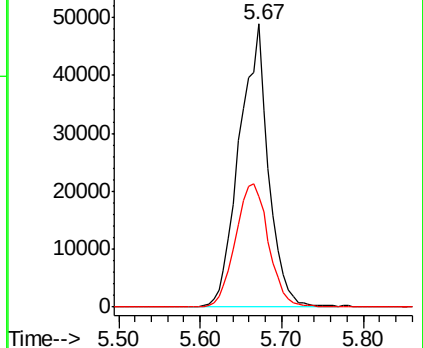
168 100

99 39.3 40.7 61.1#



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: 50.43 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005991.D

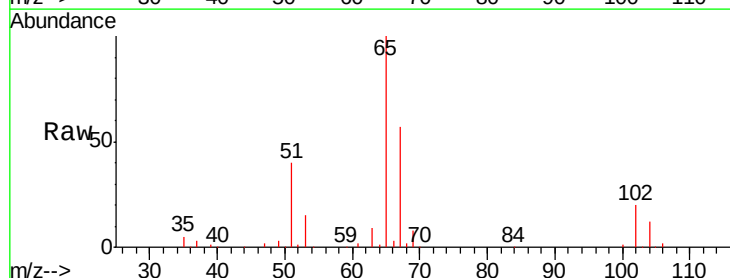
Acq: 14 Nov 2018 23:14

Tgt Ion: 65 Resp: 70066

Ion Ratio Lower Upper

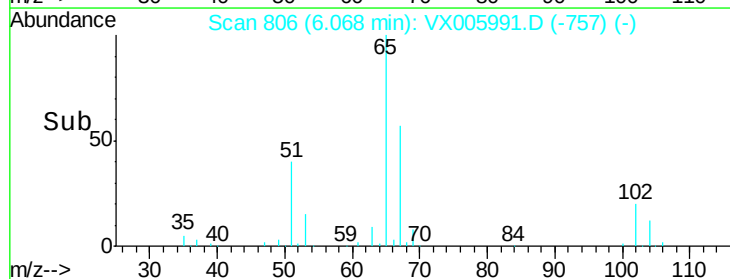
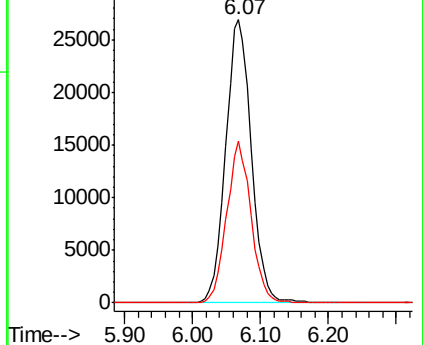
65 100

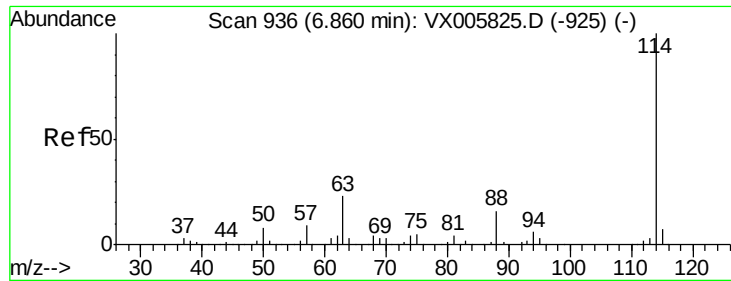
67 54.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

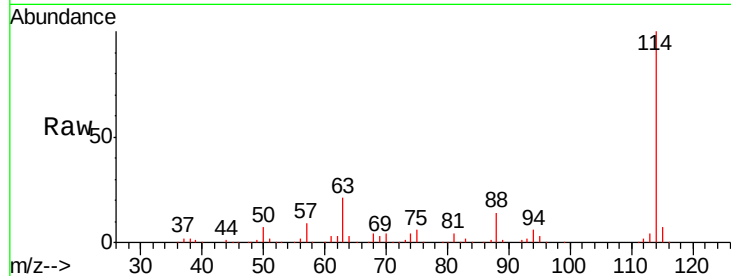




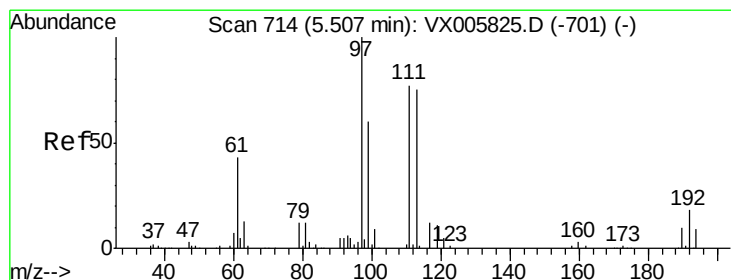
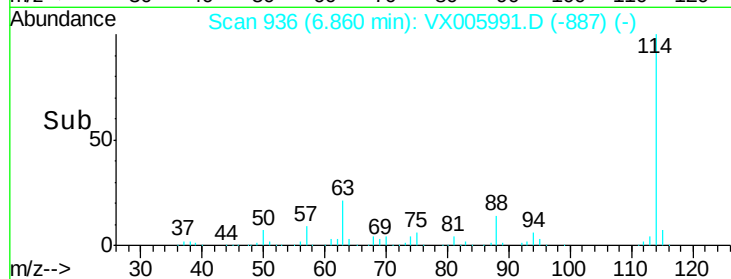
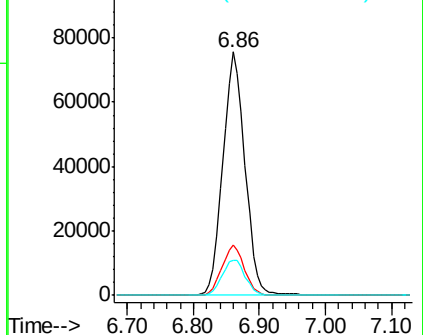
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005991.D
 Acq: 14 Nov 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBL02

Tgt Ion:114 Resp: 175592
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 14.4 0.0 31.2

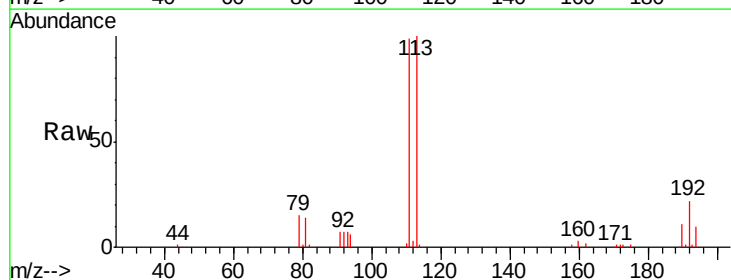


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

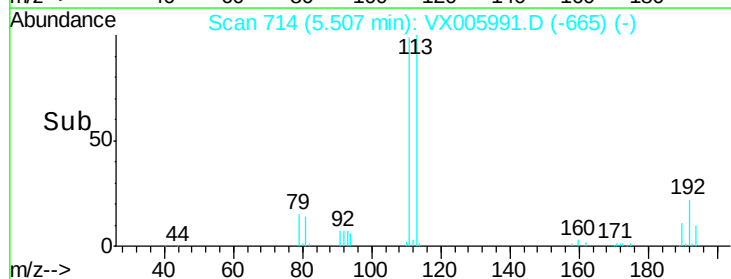
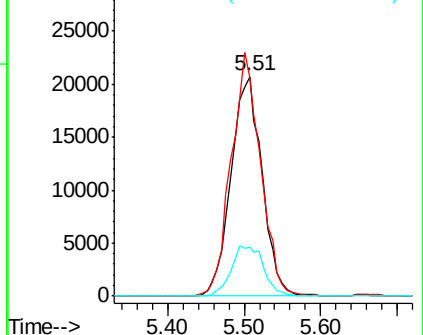


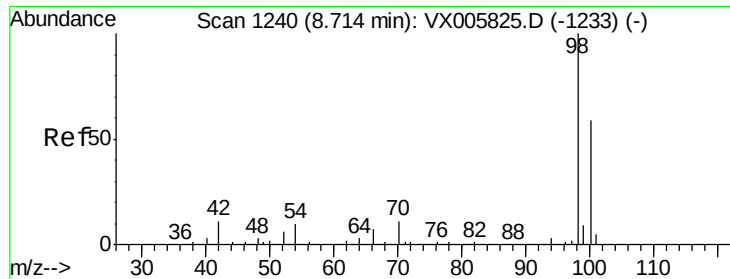
#35
 Dibromofluoromethane
 Concen: 48.82 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005991.D
 Acq: 14 Nov 2018 23:14

Tgt Ion:113 Resp: 58302
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.3 123.5
 192 23.9 17.9 26.9



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: 51.78 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005991.D

Acq: 14 Nov 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

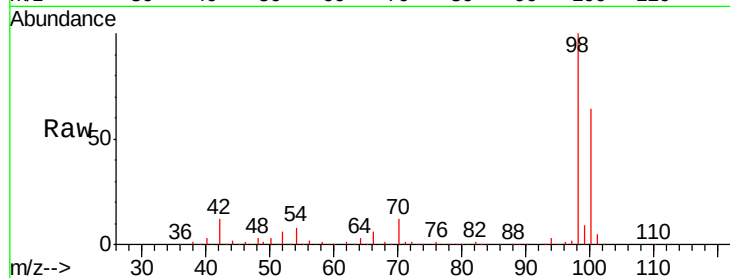
VX1114WBL02

Tgt Ion: 98 Resp: 205576

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

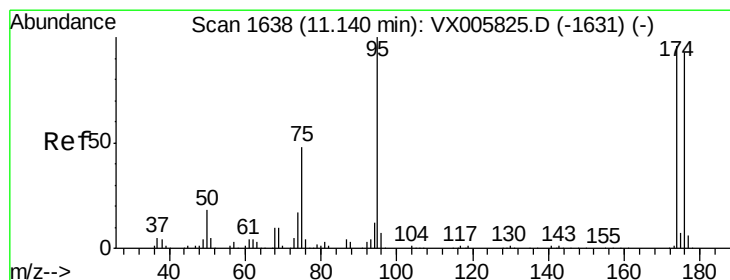
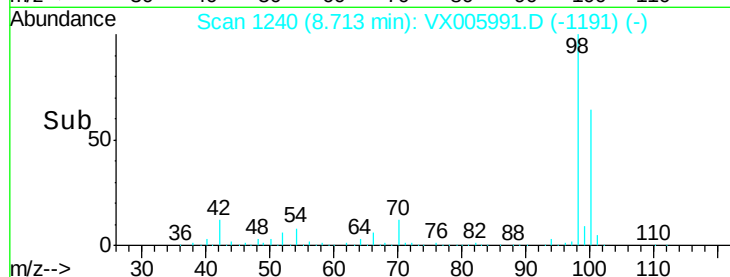
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.25 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005991.D

Acq: 14 Nov 2018 23:14

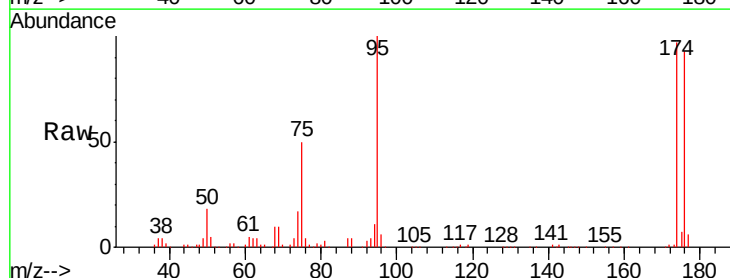
Tgt Ion: 95 Resp: 70301

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

176 89.1 0.0 177.4



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

11.14

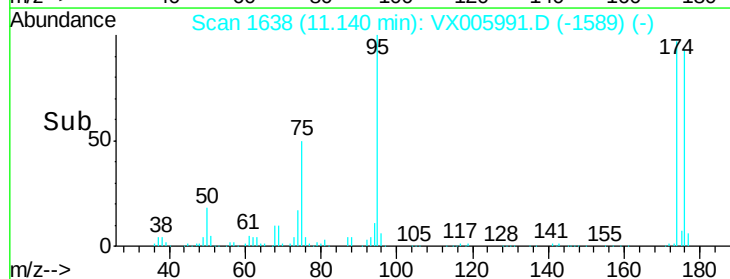
60000

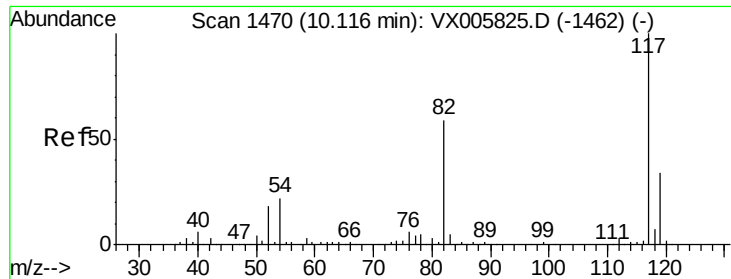
40000

20000

0

Time-->

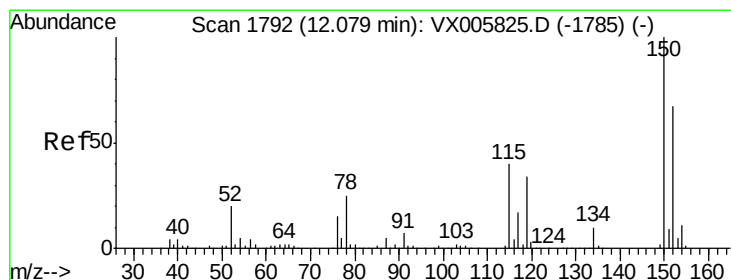
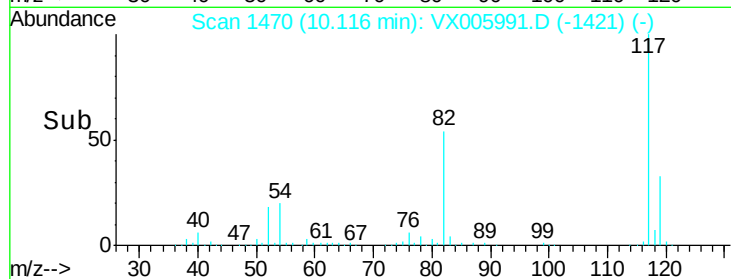
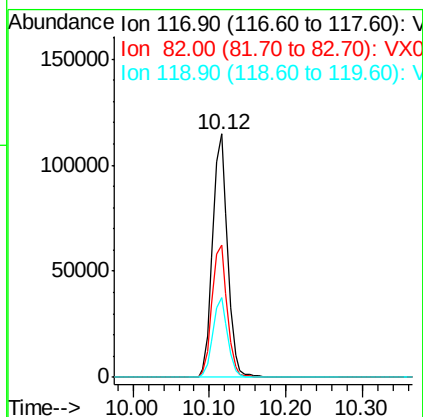
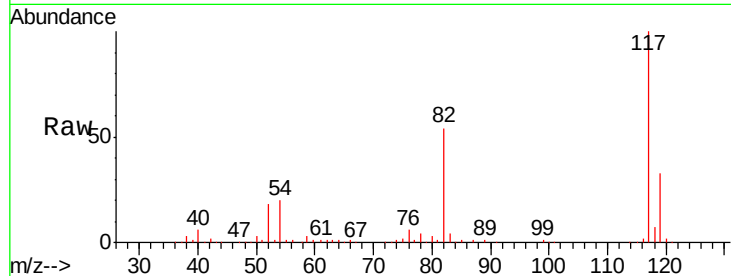




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005991.D
Acq: 14 Nov 2018 23:14

Instrument :
MSVOA_X
ClientSampled :
VX1114WBL02

Tgt Ion:117 Resp: 156031
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005991.D
Acq: 14 Nov 2018 23:14

Tgt Ion:152 Resp: 76286
Ion Ratio Lower Upper
152 100
115 55.8 39.4 118.1
150 156.7 0.0 346.4

