

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005832.D
 Acq On : 07 Nov 2018 17:18
 Operator : JC/MD
 Sample : J5848-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-TB-2018-1

Quant Time: Nov 08 10:38:39 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	5.66	168	111803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	153344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	70664	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
35) Dibromofluoromethane	5.49	113	56093	53.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	8.71	98	177300	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	59770	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	

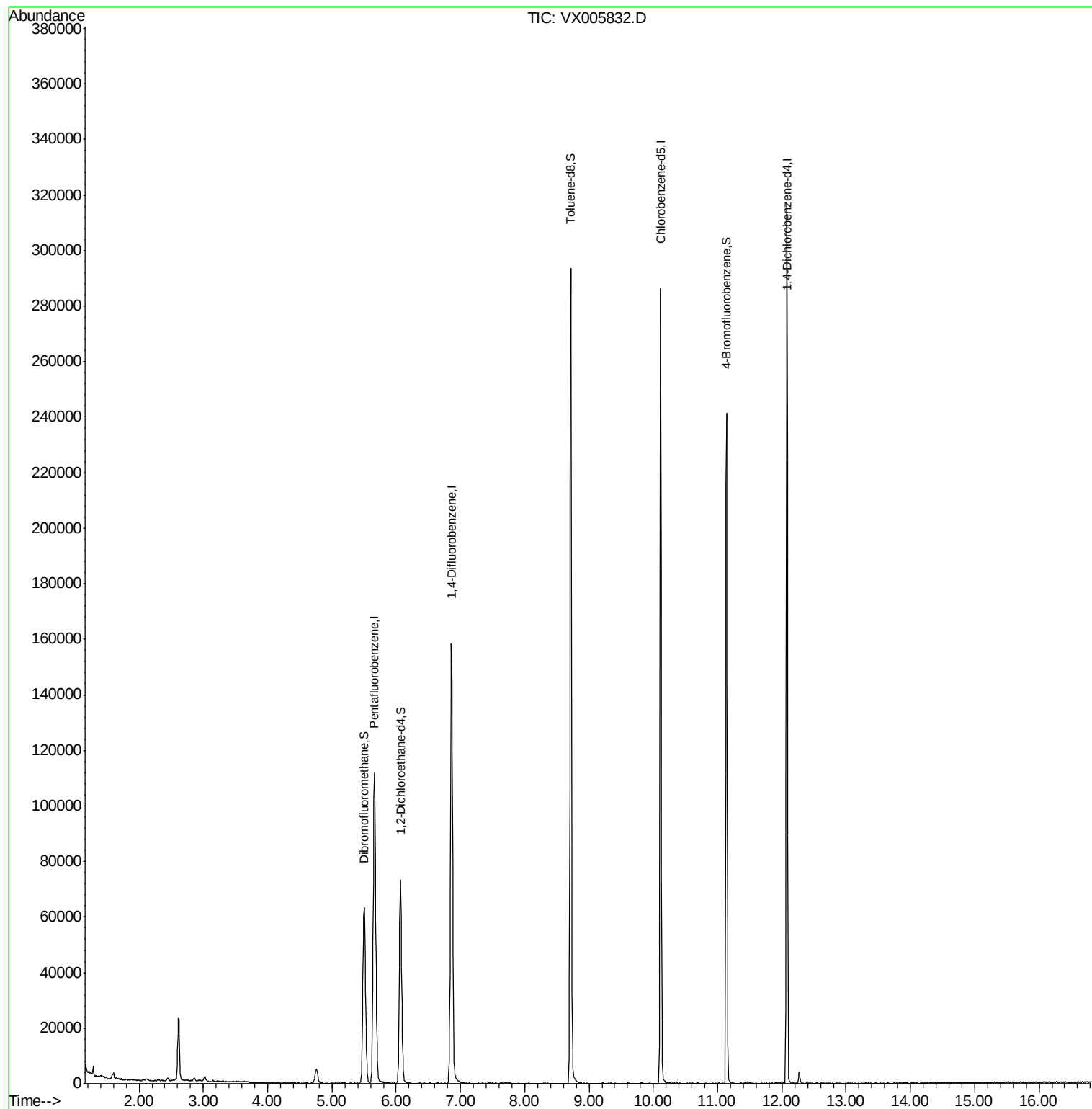
Target Compounds	Qvalue
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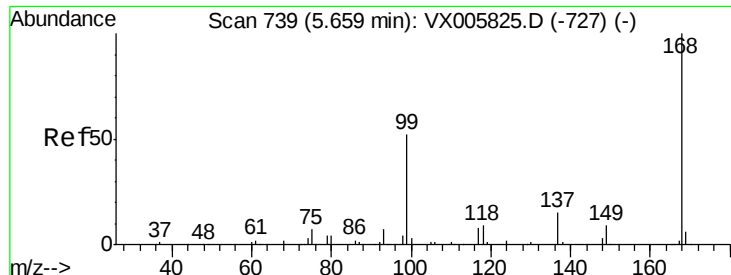
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005832.D

Acq: 07 Nov 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

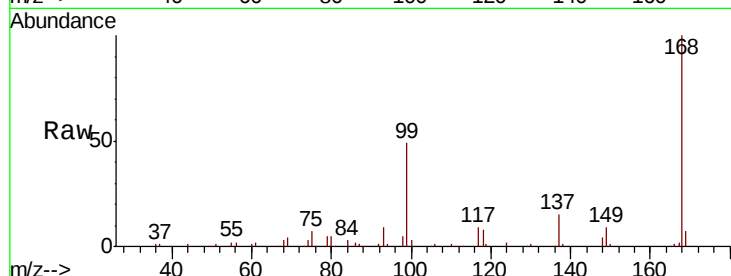
S81-TB-2018-1

Tot Ion:168 Resp: 111803

Ion Ratio Lower Upper

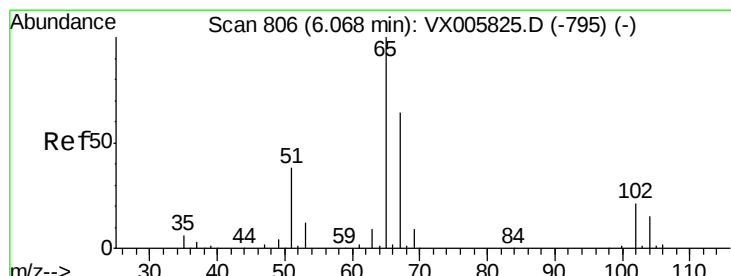
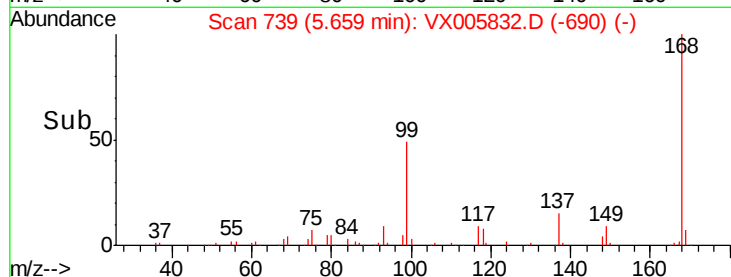
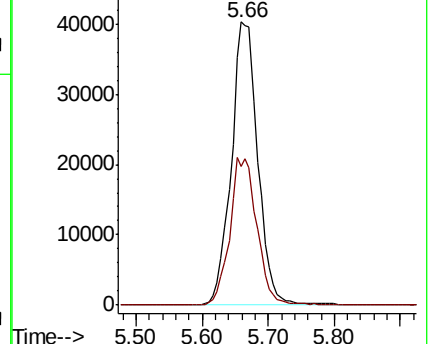
168 100

99 49.0 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: 54.978 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005832.D

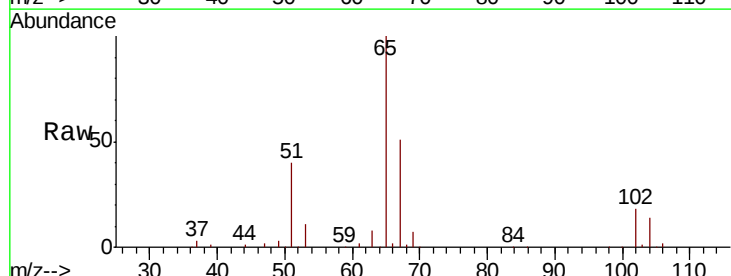
Acq: 07 Nov 2018 17:18

Tgt Ion: 65 Resp: 70664

Ion Ratio Lower Upper

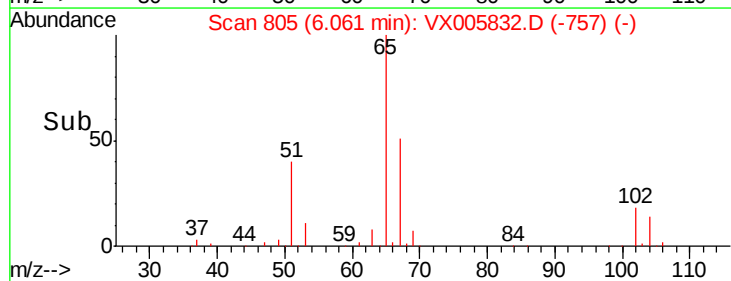
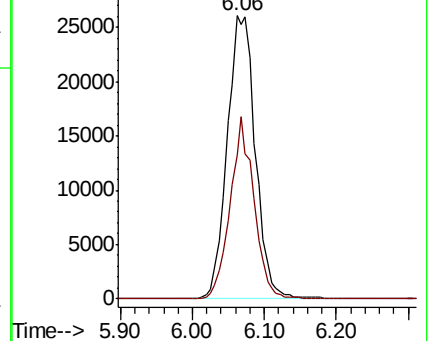
65 100

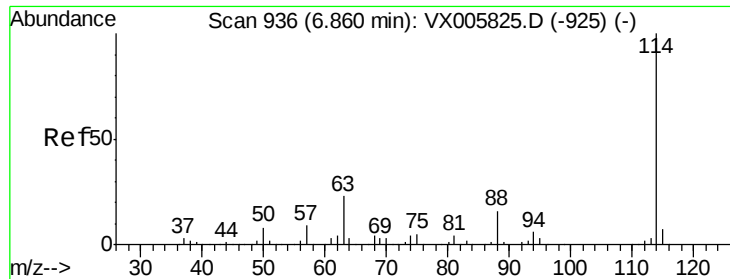
67 54.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

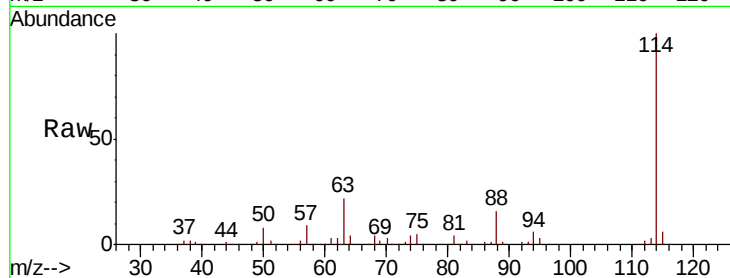




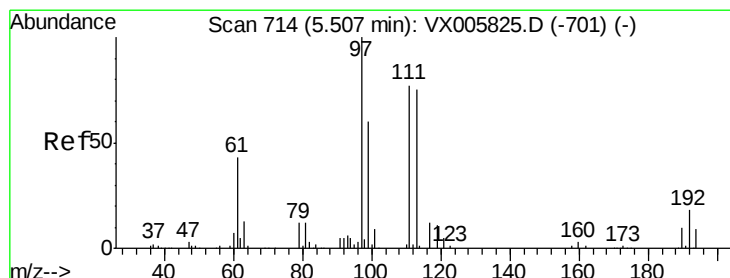
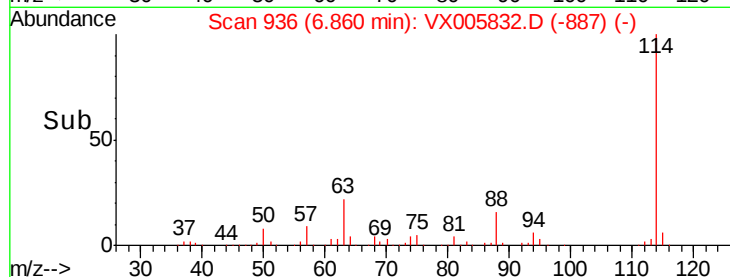
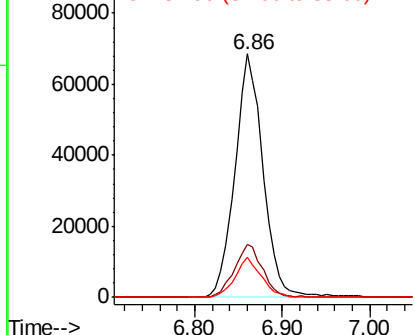
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005832.D
 Acq: 07 Nov 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-TB-2018-1

Tot Ion:114 Resp: 153344
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 16.5 0.0 31.2

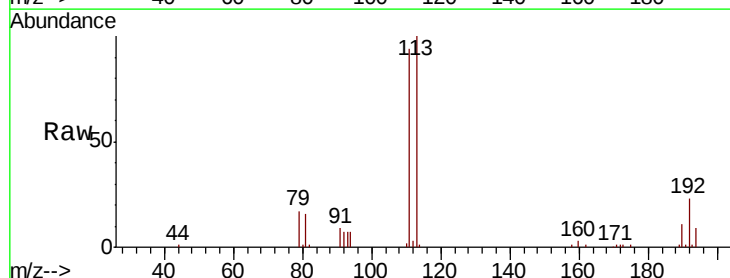


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

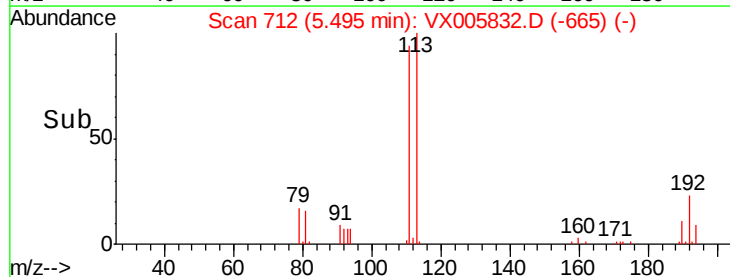
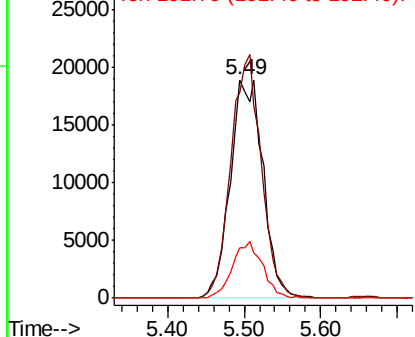


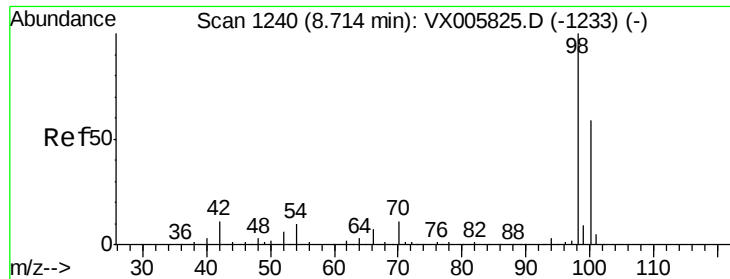
#35
 Dibromofluoromethane
 Concen: 53.782 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005832.D
 Acq: 07 Nov 2018 17:18

Tgt Ion:113 Resp: 56093
 Ion Ratio Lower Upper
 113 100
 111 103.2 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: 51.133 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005832.D

Acq: 07 Nov 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

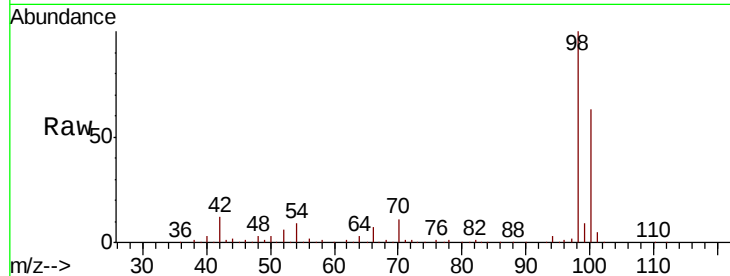
S81-TB-2018-1

Tot Ion: 98 Resp: 177300

Ion Ratio Lower Upper

98 100

100 62.8 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

120000

100000

80000

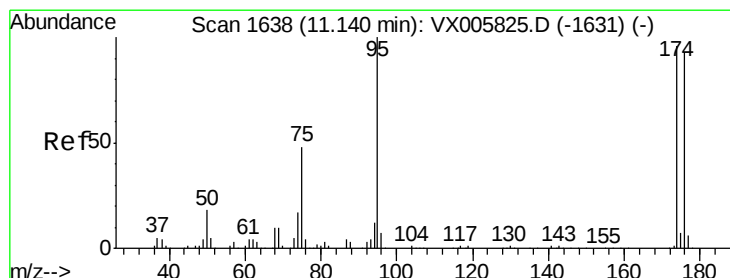
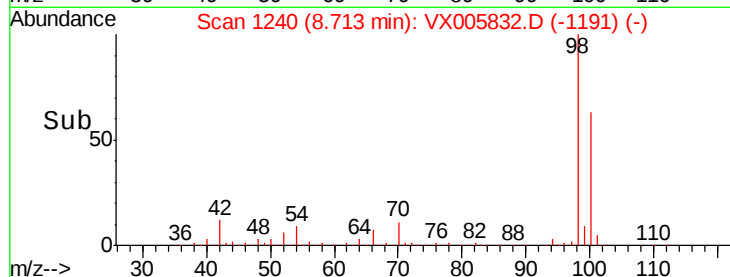
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.944 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005832.D

Acq: 07 Nov 2018 17:18

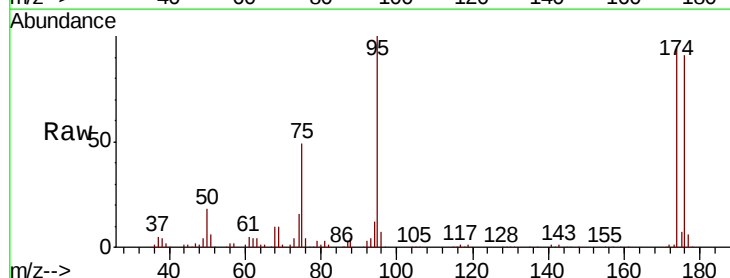
Tgt Ion: 95 Resp: 59770

Ion Ratio Lower Upper

95 100

174 92.5 0.0 184.4

176 88.2 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

50000

40000

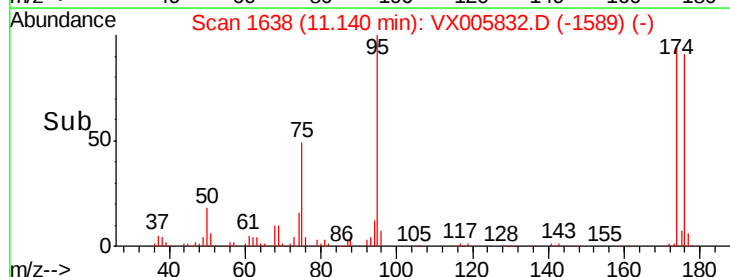
30000

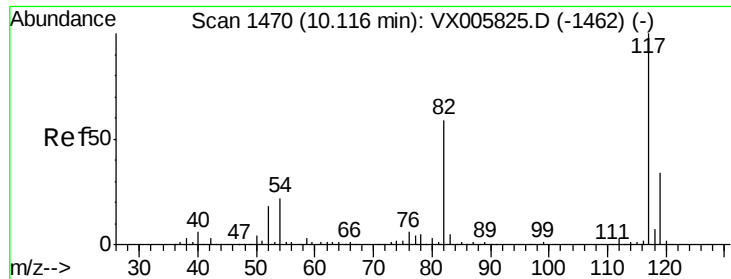
20000

10000

0

Time-->

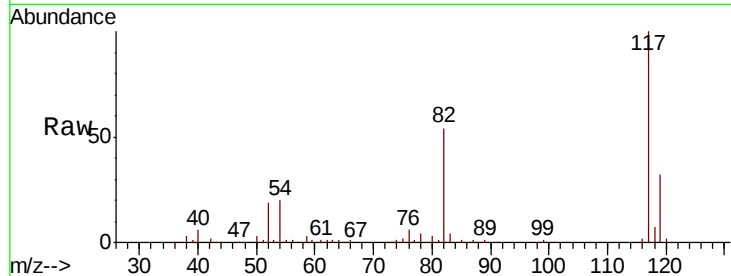




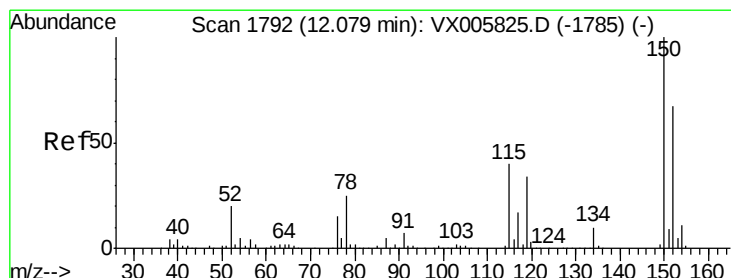
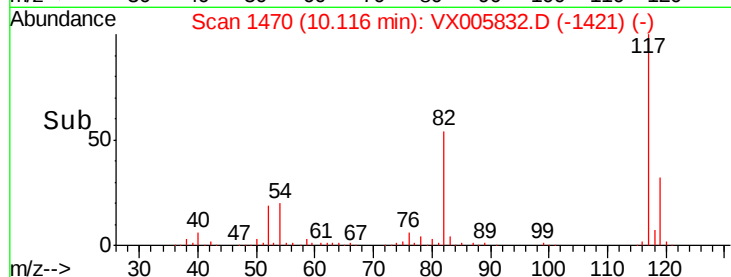
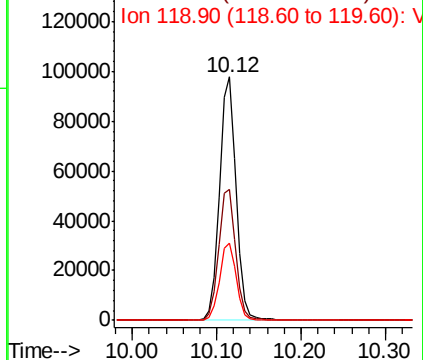
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005832.D
Acq: 07 Nov 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
S81-TB-2018-1

Tot Ion:117 Resp: 133731
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 31.8 26.2 39.2

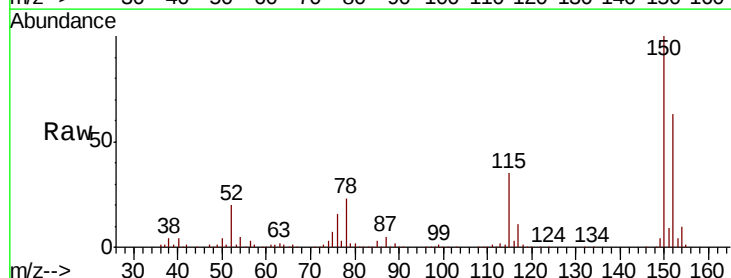


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005832.D
Acq: 07 Nov 2018 17:18

Tgt Ion:152 Resp: 64540
Ion Ratio Lower Upper
152 100
115 55.8 39.4 118.1
150 157.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

