

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005700.D
 Acq On : 30 Oct 2018 19:00
 Operator : JC/MD
 Sample : J5692-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ458S-20181025RE

Quant Time: Oct 31 11:11:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137790	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	107245	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.71	98	378018	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.14	95	128940	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	

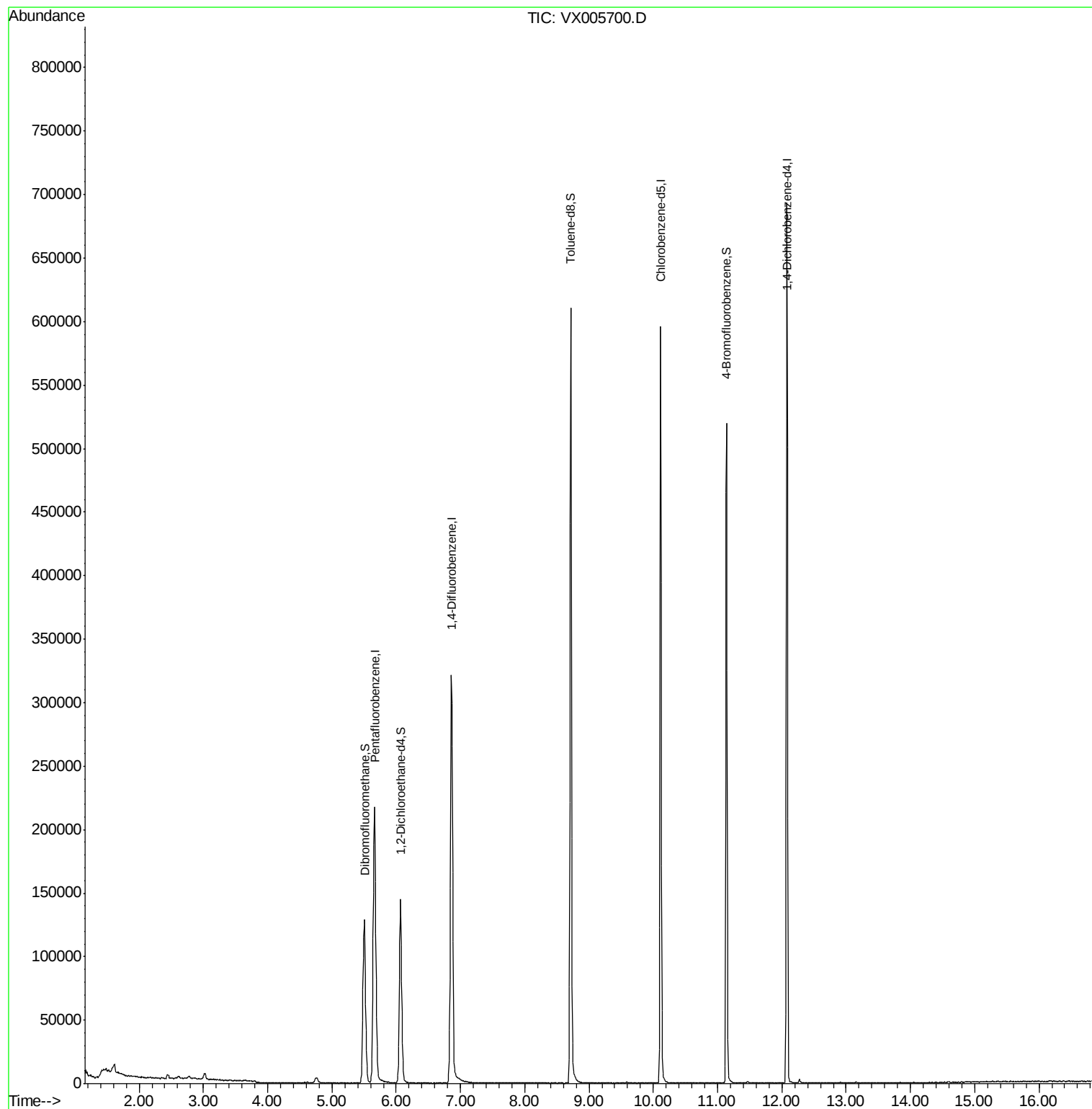
Target Compounds	Qvalue
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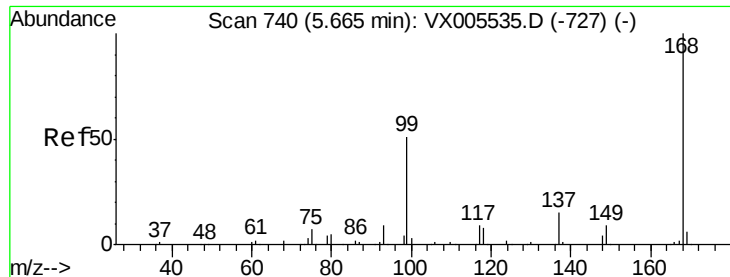
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005700.D

Acq: 30 Oct 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

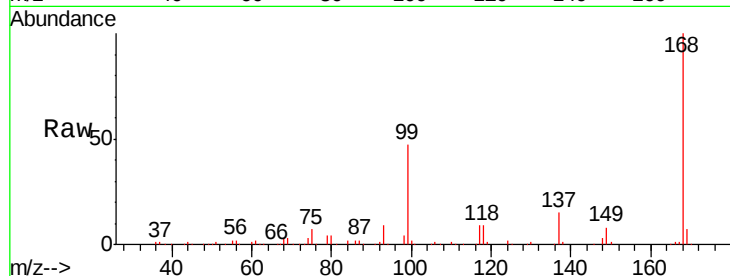
FT-PZ458S-20181025RE

Tgt Ion:168 Resp: 224873

Ion Ratio Lower Upper

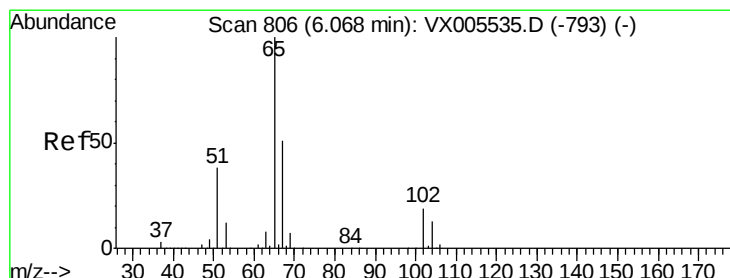
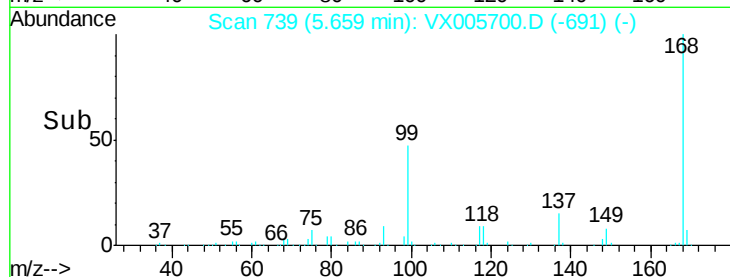
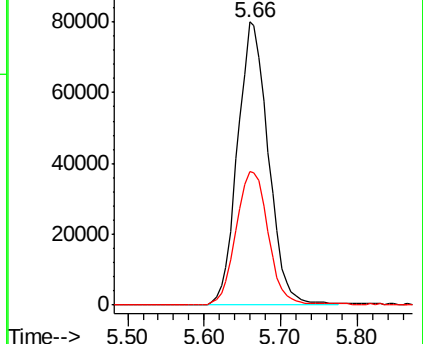
168 100

99 47.2 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: 50.20 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005700.D

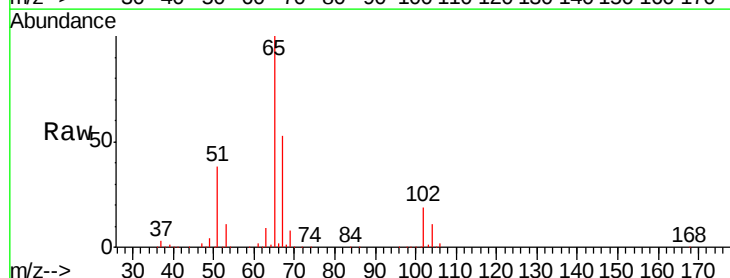
Acq: 30 Oct 2018 19:00

Tgt Ion: 65 Resp: 137790

Ion Ratio Lower Upper

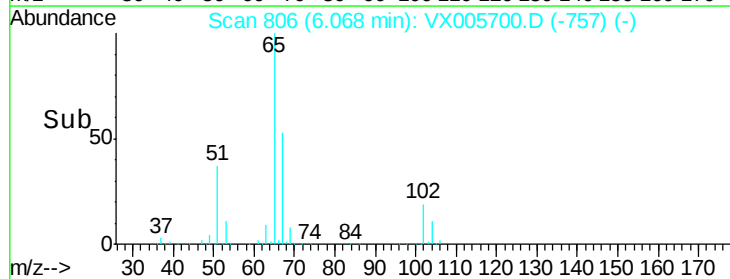
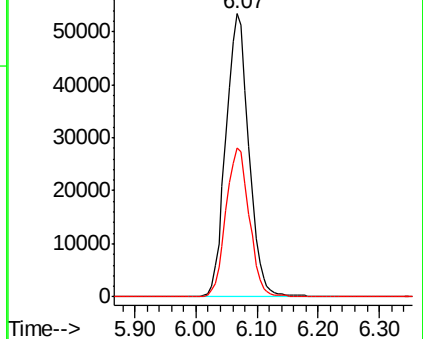
65 100

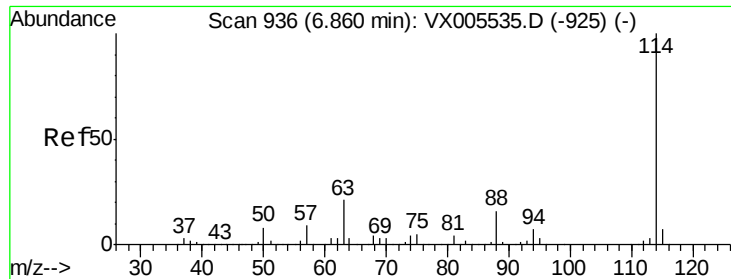
67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

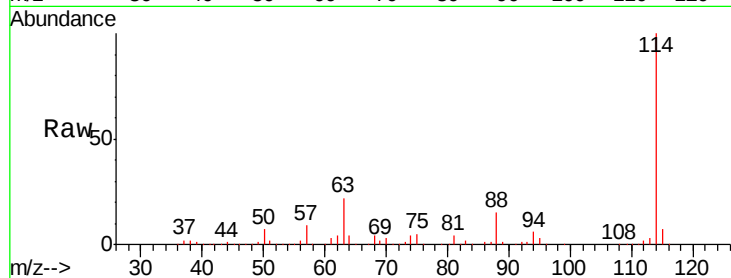




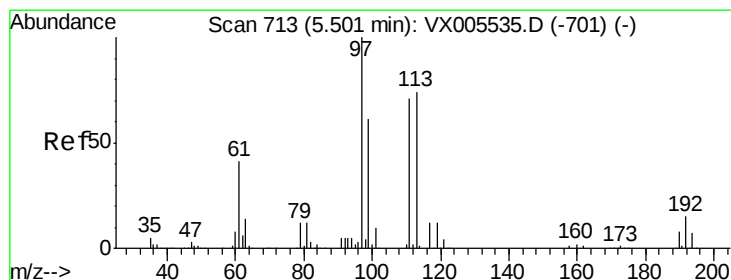
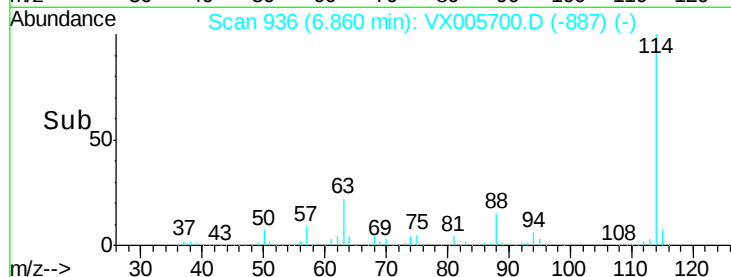
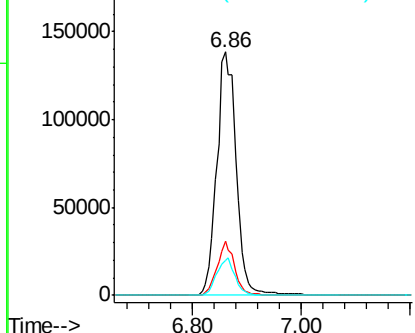
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005700.D
 Acq: 30 Oct 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ458S-20181025RE

Tgt Ion:114 Resp: 344238
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 14.6 0.0 31.2

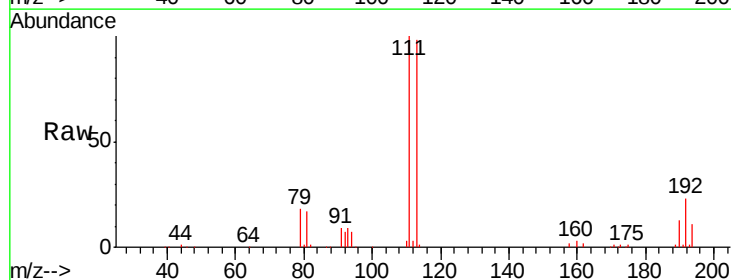


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

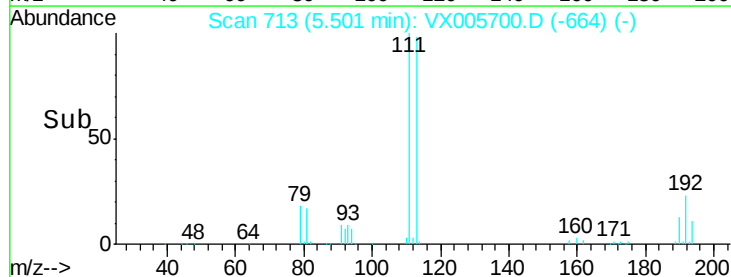
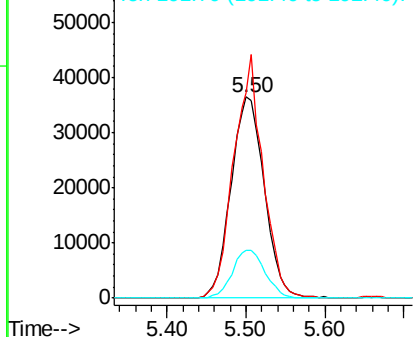


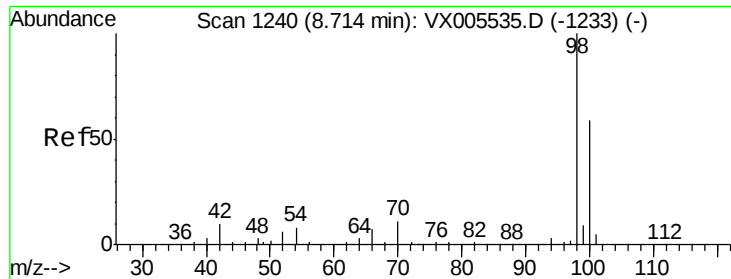
#35
 Dibromofluoromethane
 Concen: 46.01 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005700.D
 Acq: 30 Oct 2018 19:00

Tgt Ion:113 Resp: 107245
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.3 123.5
 192 23.5 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: 45.13 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005700.D

Acq: 30 Oct 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

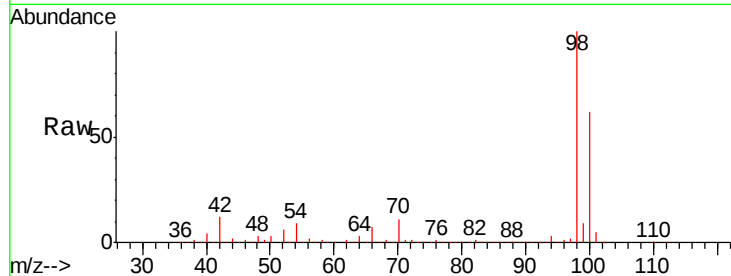
FT-PZ458S-20181025RE

Tgt Ion: 98 Resp: 378018

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

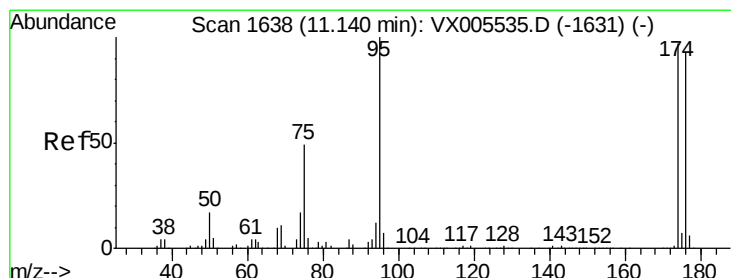
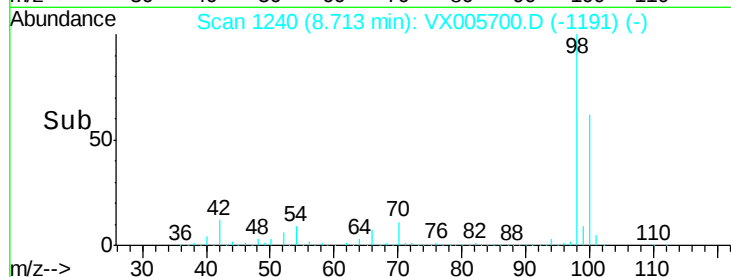
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 40.77 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005700.D

Acq: 30 Oct 2018 19:00

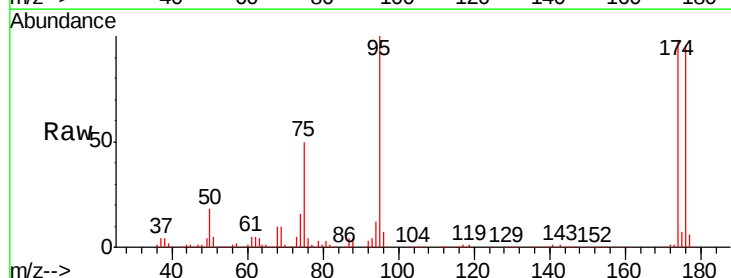
Tgt Ion: 95 Resp: 128940

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.4

176 90.3 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

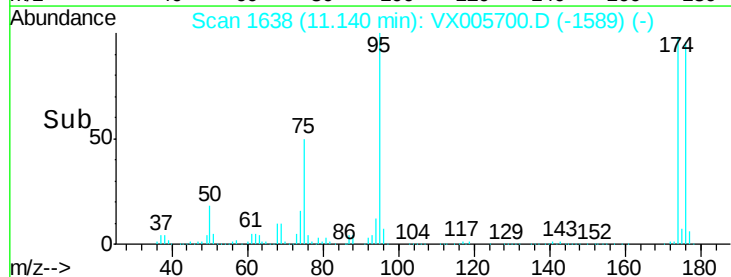
100000

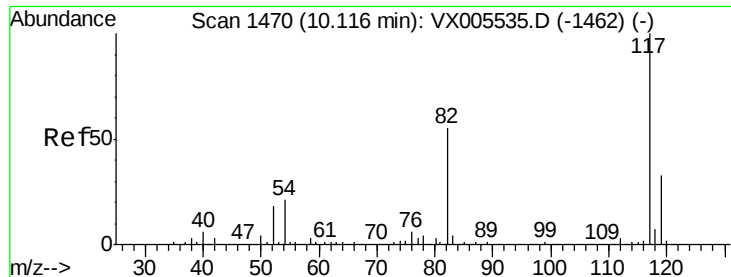
50000

0

11.10 11.20

Time-->

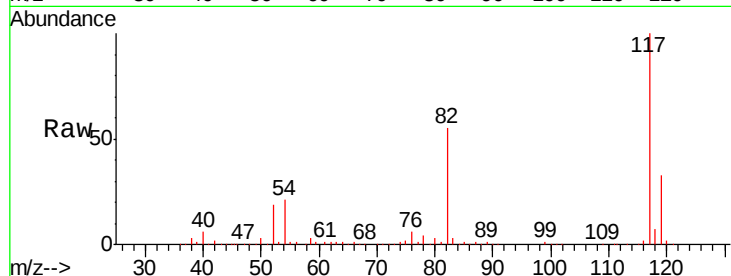




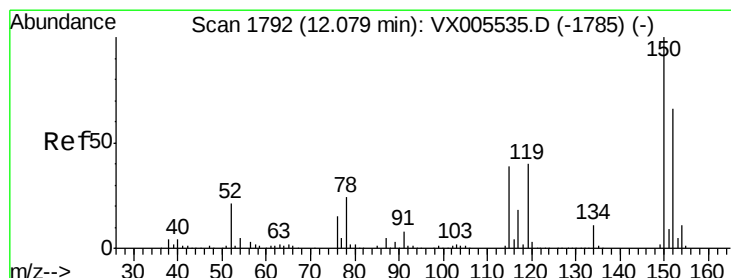
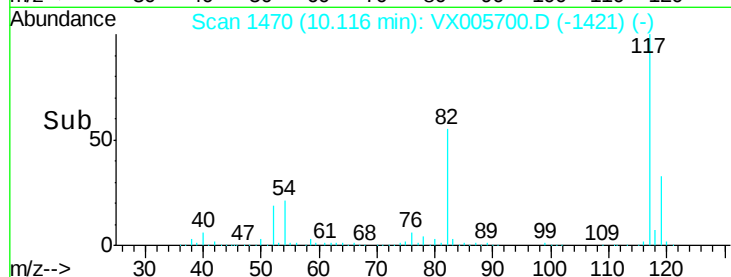
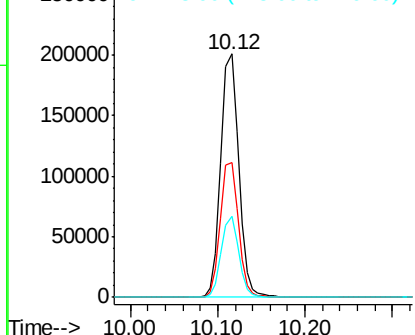
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005700.D
Acq: 30 Oct 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ458S-20181025RE

Tgt Ion:117 Resp: 287149
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 33.1 26.2 39.2

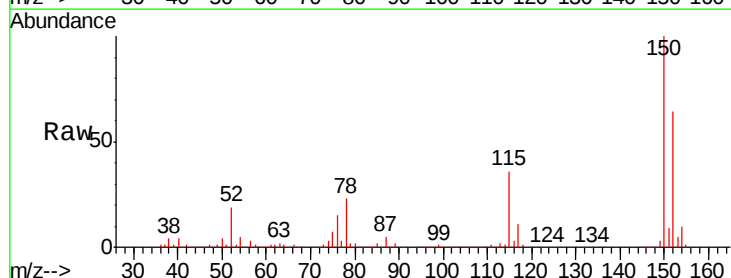


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005700.D
Acq: 30 Oct 2018 19:00

Tgt Ion:152 Resp: 142653
Ion Ratio Lower Upper
152 100
115 54.9 39.4 118.1
150 155.7 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

