

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005610.D
 Acq On : 26 Oct 2018 17:36
 Operator : JC/MD
 Sample : J5692-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20181025

Quant Time: Oct 29 09:27:39 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	271527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157253	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
35) Dibromofluoromethane	5.51	113	122734	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
50) Toluene-d8	8.71	98	453460	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	152344	42.36	ug/l	0.00
Spiked Amount			Recovery	=	84.72%	

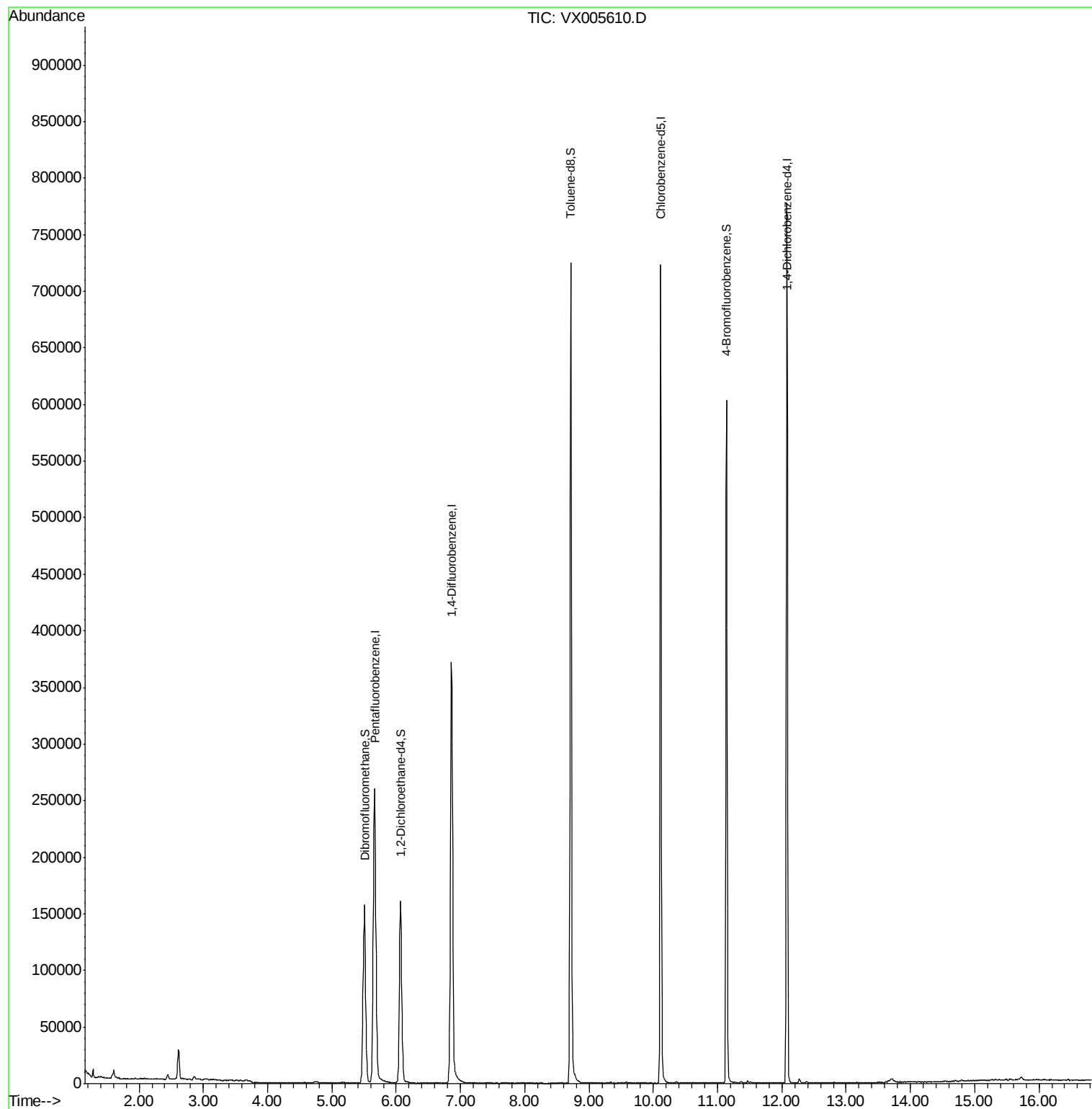
Target Compounds	Qvalue
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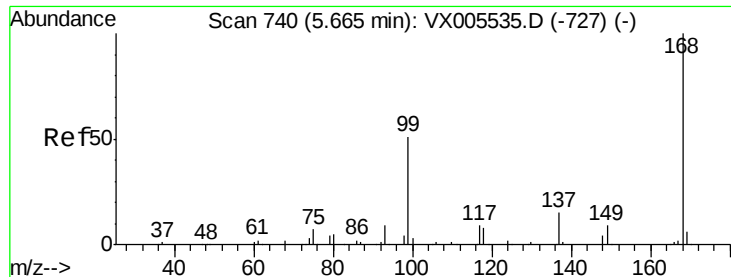
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005610.D

Acq: 26 Oct 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

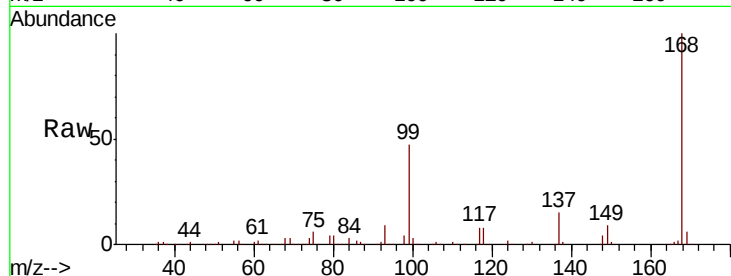
TB01-20181025

Tot Ion:168 Resp: 271527

Ion Ratio Lower Upper

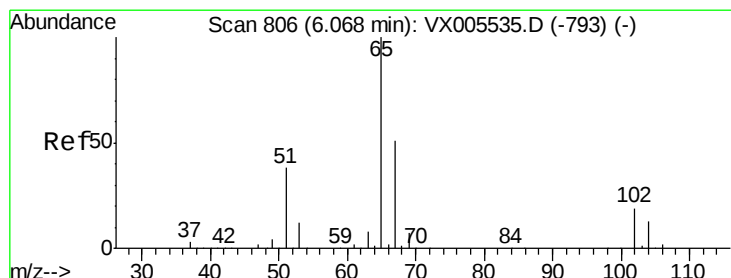
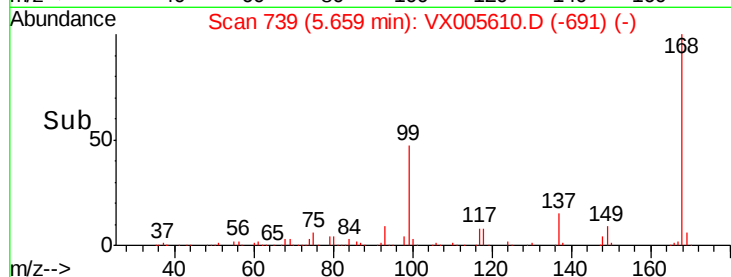
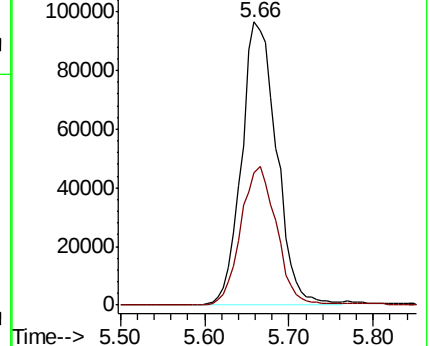
168 100

99 46.6 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: 47.444 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005610.D

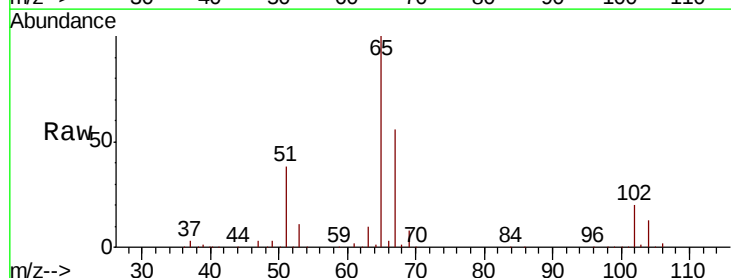
Acq: 26 Oct 2018 17:36

Tgt Ion: 65 Resp: 157253

Ion Ratio Lower Upper

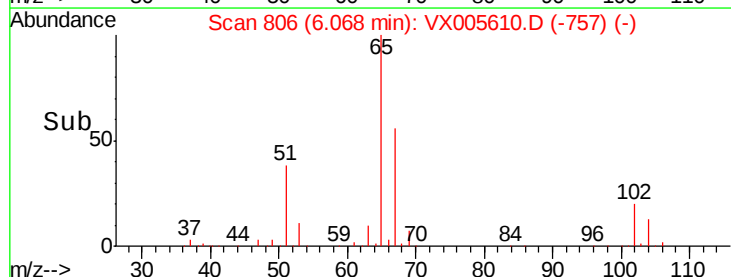
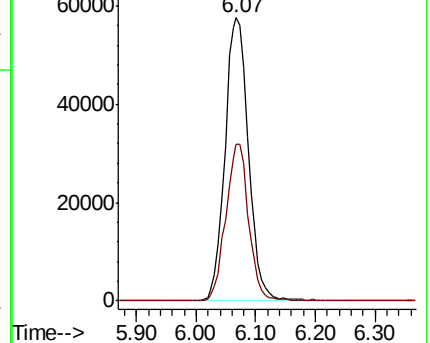
65 100

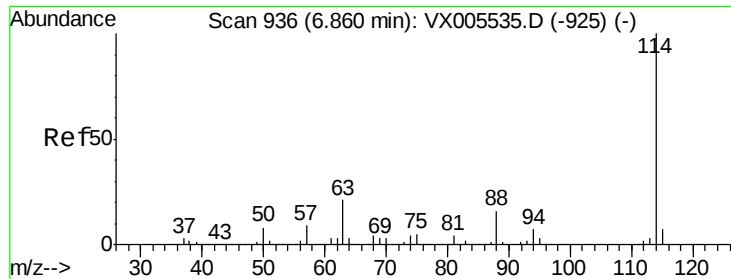
67 54.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

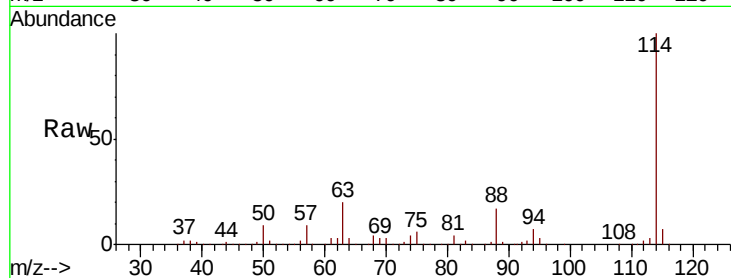




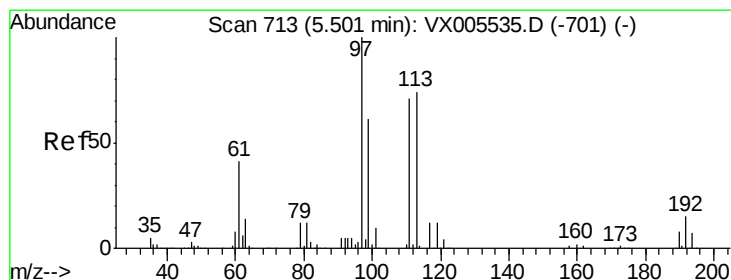
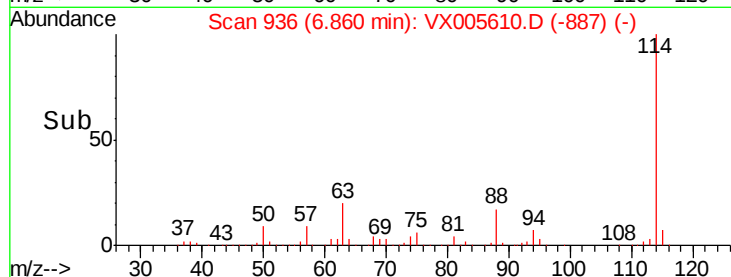
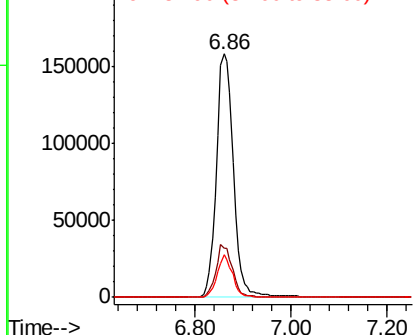
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005610.D
Acq: 26 Oct 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
TB01-20181025

Tot Ion:114 Resp: 391447
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 17.5 0.0 31.2

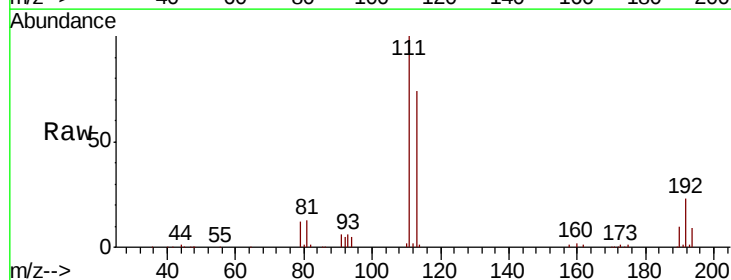


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

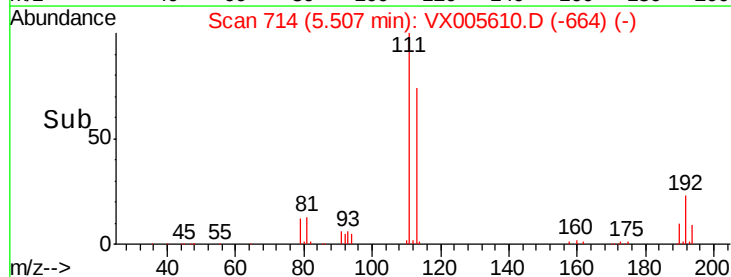
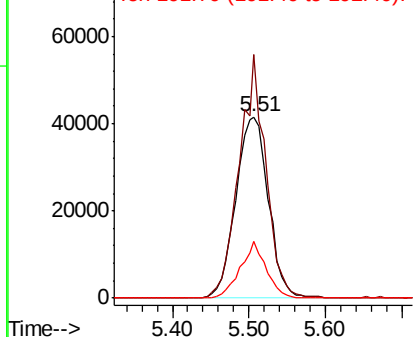


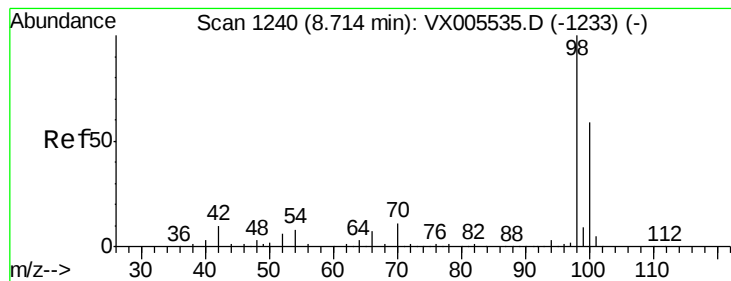
#35
Dibromofluoromethane
Concen: 46.305 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005610.D
Acq: 26 Oct 2018 17:36

Tgt Ion:113 Resp: 122734
Ion Ratio Lower Upper
113 100
111 110.4 82.3 123.5
192 24.8 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: 47.612 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005610.D

Acq: 26 Oct 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

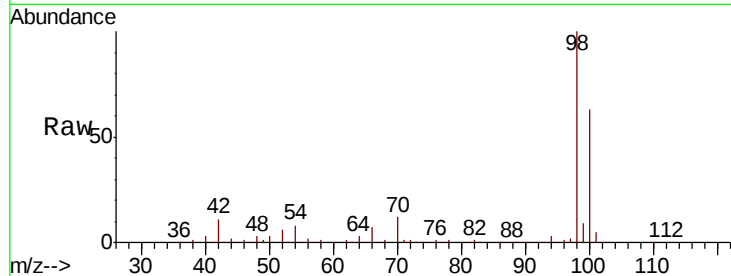
TB01-20181025

Tot Ion: 98 Resp: 453460

Ion Ratio Lower Upper

98 100

100 63.3 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

250000

200000

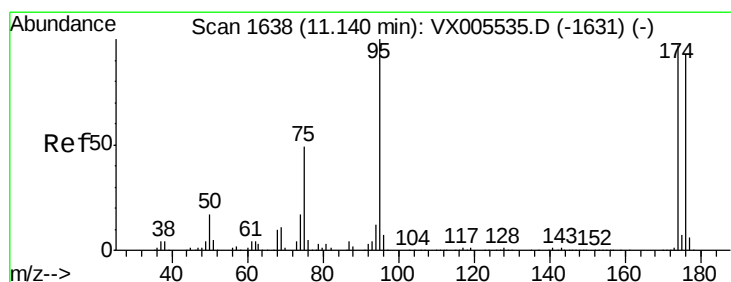
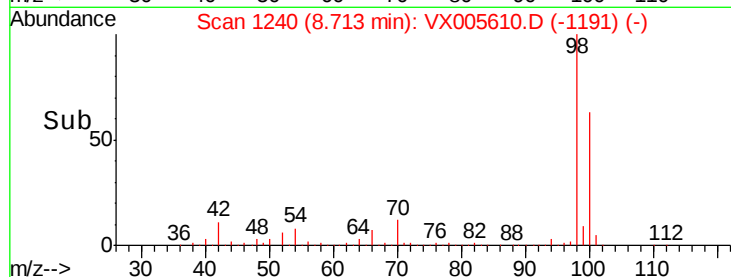
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.357 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005610.D

Acq: 26 Oct 2018 17:36

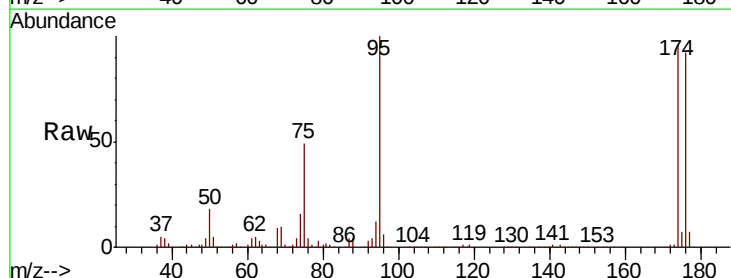
Tgt Ion: 95 Resp: 152344

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

176 88.4 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

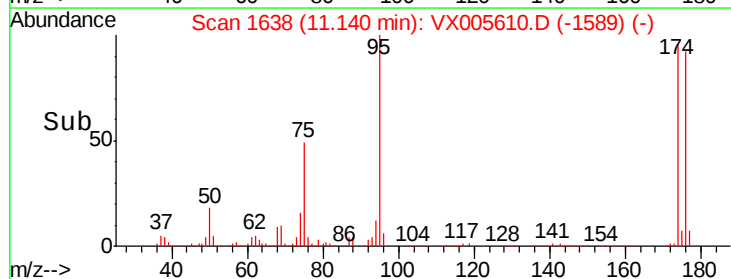
150000

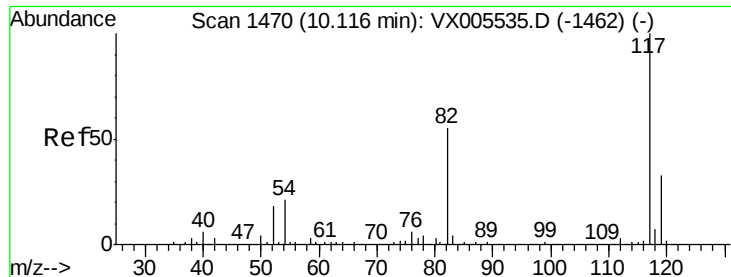
100000

50000

0

Time-->

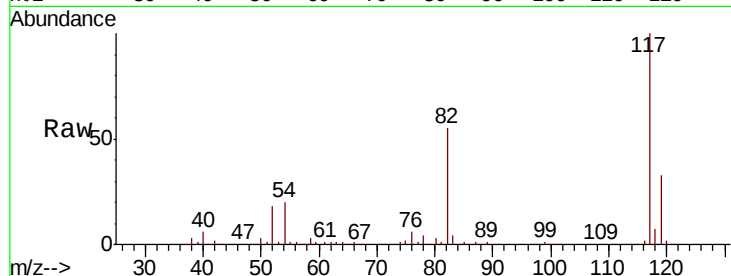




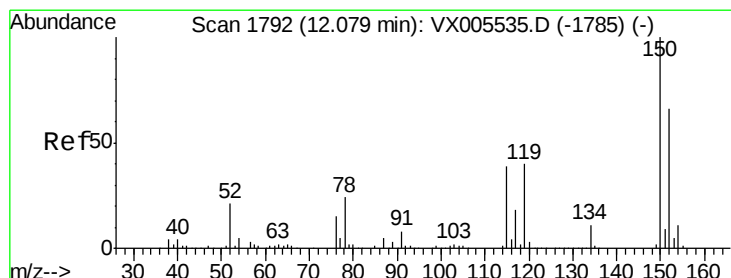
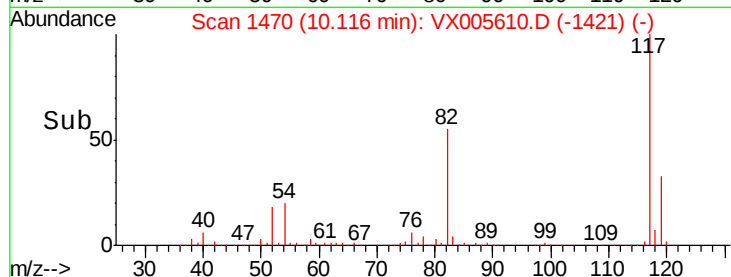
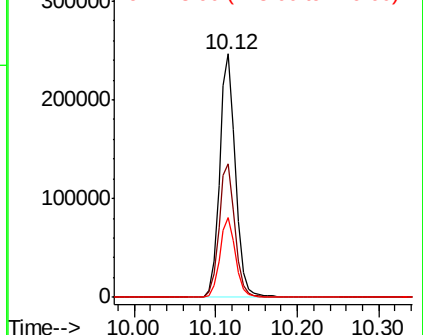
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005610.D
Acq: 26 Oct 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
TB01-20181025

Tot Ion:117 Resp: 334704
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 33.0 26.2 39.2

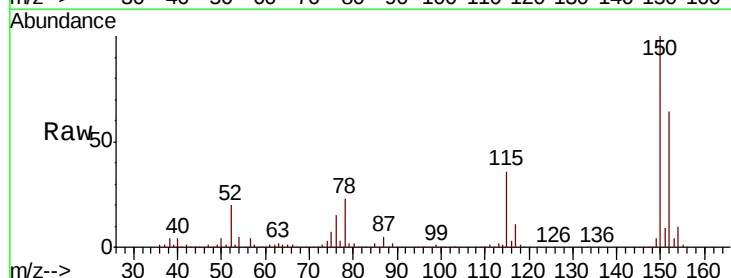


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005610.D
Acq: 26 Oct 2018 17:36

Tgt Ion:152 Resp: 161716
Ion Ratio Lower Upper
152 100
115 55.7 39.4 118.1
150 157.2 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

