

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005312.D
 Acq On : 13 Oct 2018 00:31
 Operator : JC/MD
 Sample : J5474-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ5-TB3

Quant Time: Oct 15 12:00:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161283	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	5.51	113	124975	48.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.72	98	448859	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	145543	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	

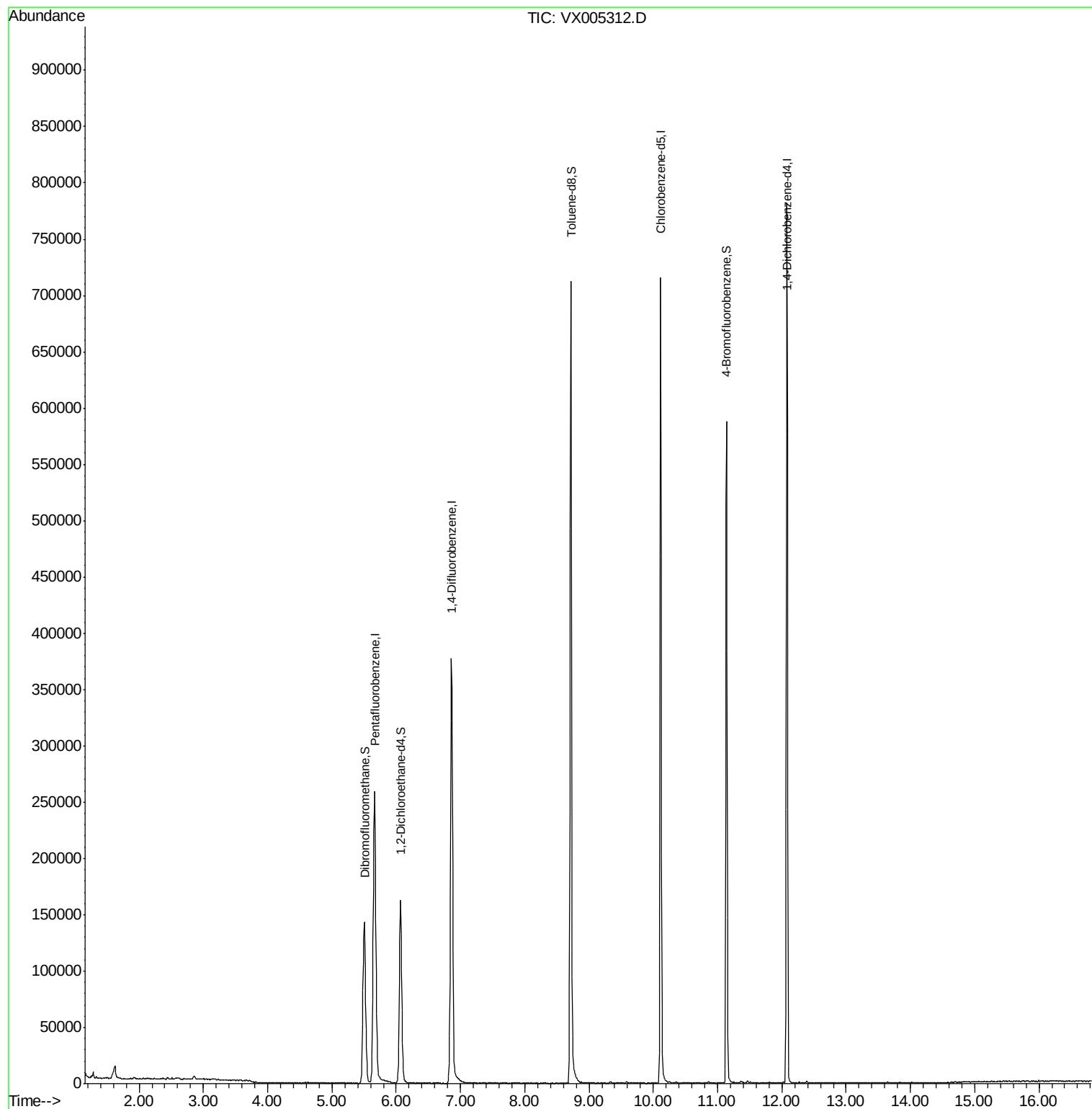
Target Compounds	Qvalue

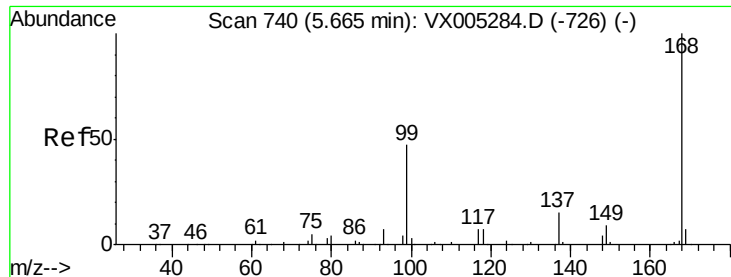
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005312.D

Acq: 13 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

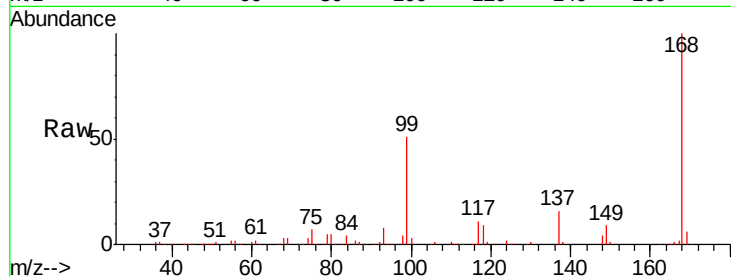
FA18-GMZ5-TB3

Tgt Ion:168 Resp: 268138

Ion Ratio Lower Upper

168 100

99 50.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

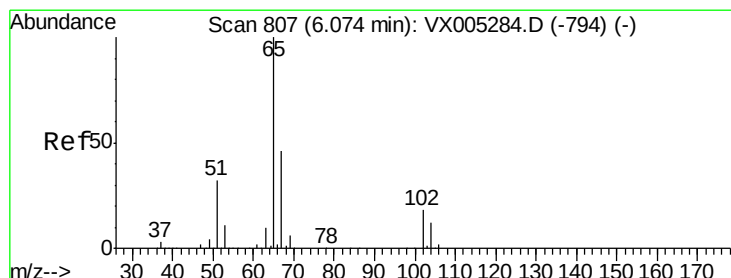
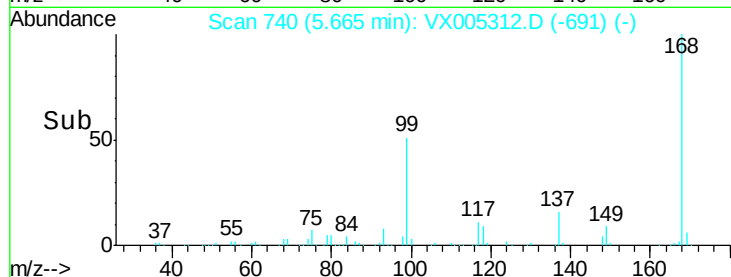
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 54.20 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX005312.D

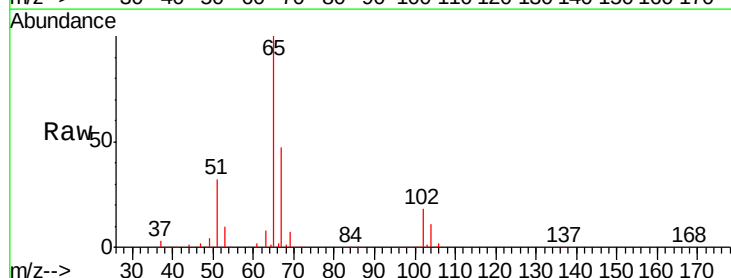
Acq: 13 Oct 2018 00:31

Tgt Ion: 65 Resp: 161283

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

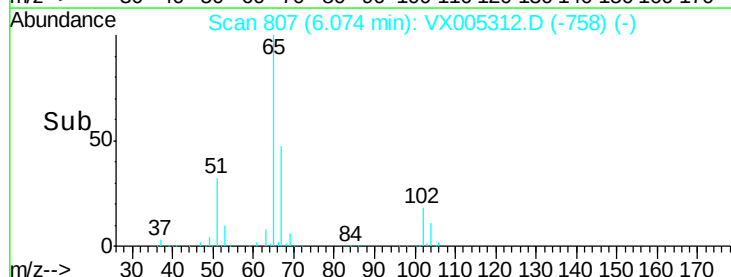
40000

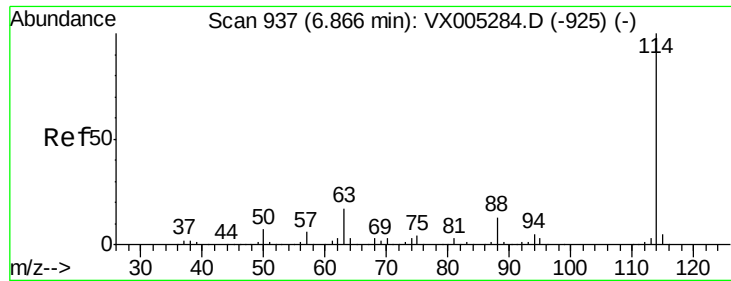
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005312.D

Acq: 13 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

FA18-GMZ5-TB3

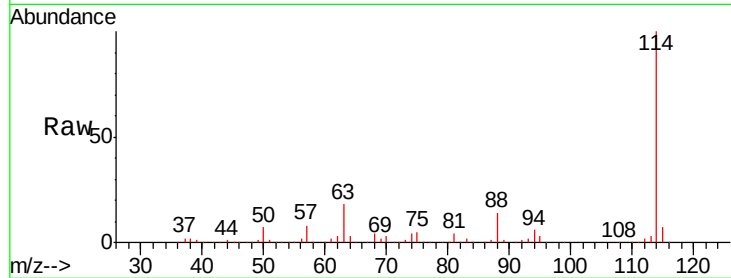
Tgt Ion:114 Resp: 391126

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.0

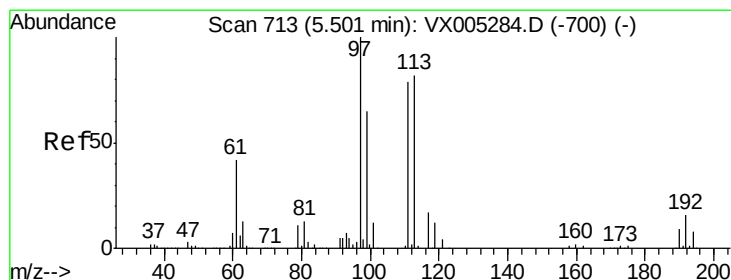
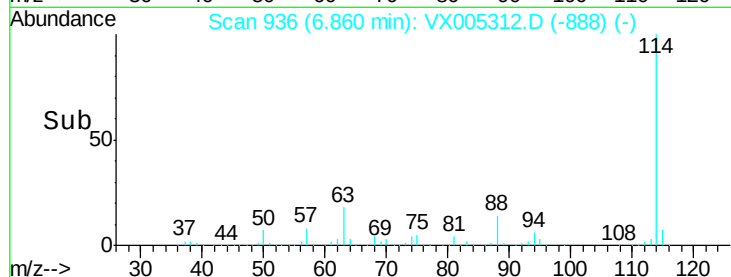
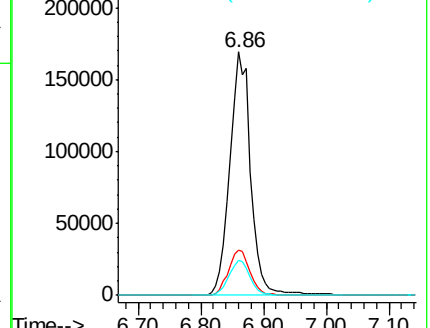
88 14.3 0.0 30.4



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: 48.24 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005312.D

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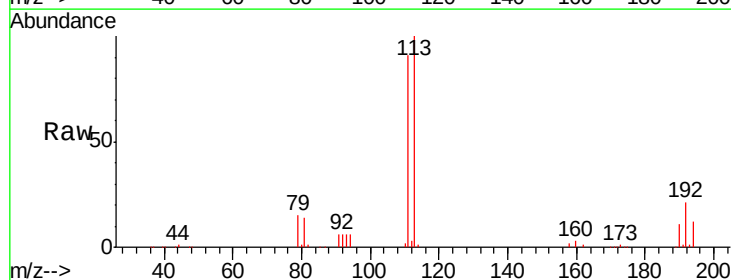
Tgt Ion:113 Resp: 124975

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

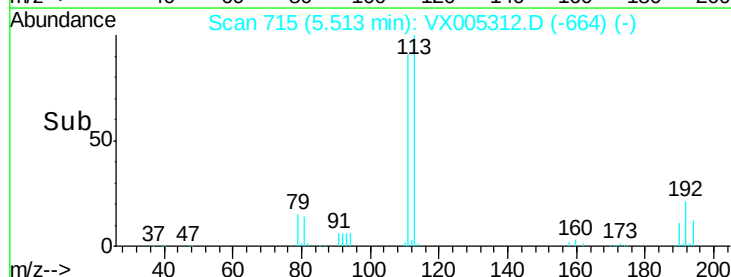
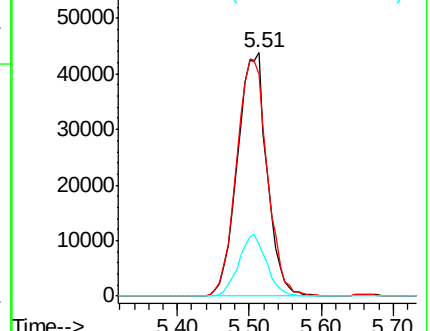
192 23.7 19.4 29.2

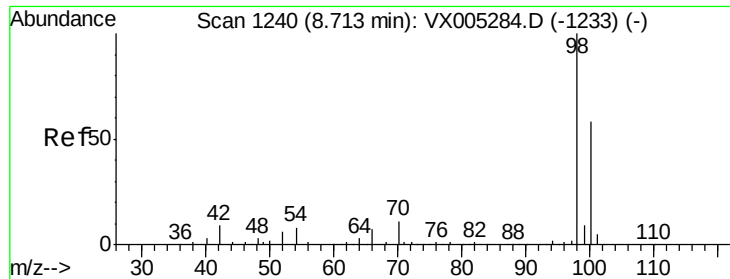


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

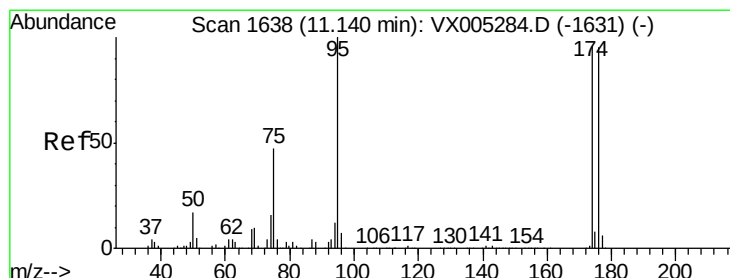
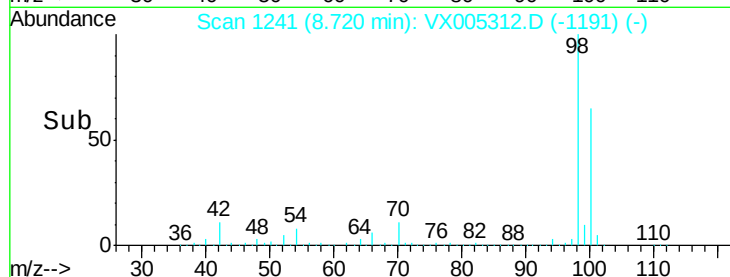
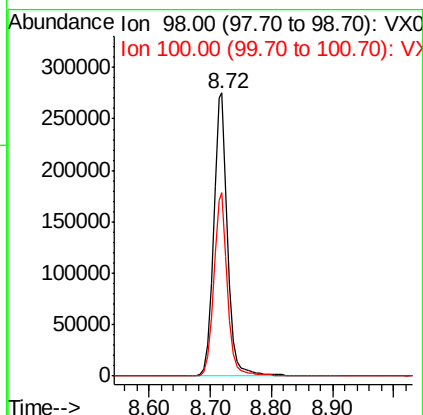
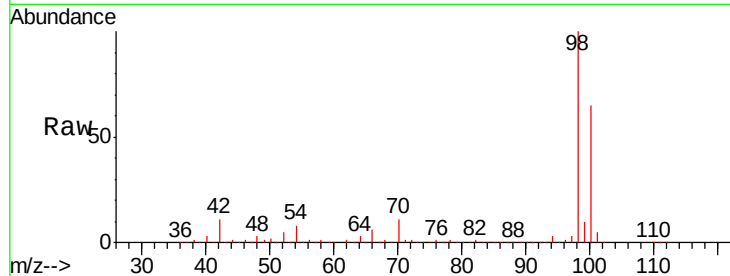




#50
Toluene-d8
Concen: 50.47 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005312.D
Acq: 13 Oct 2018 00:31

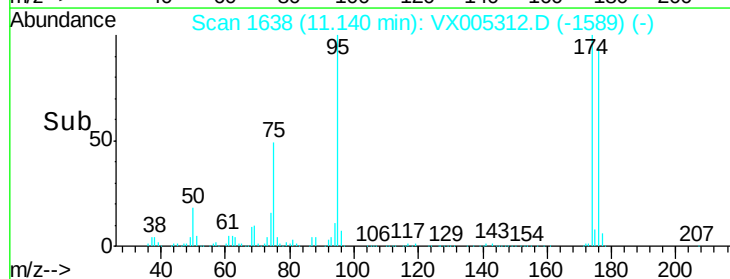
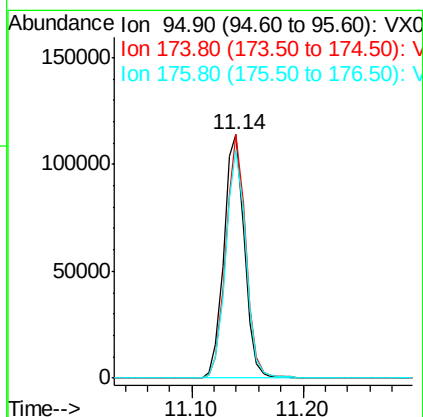
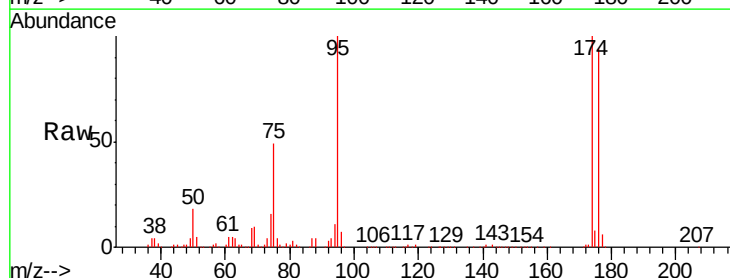
Instrument :
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ClientSampleId :
FA18-GMZ5-TB3

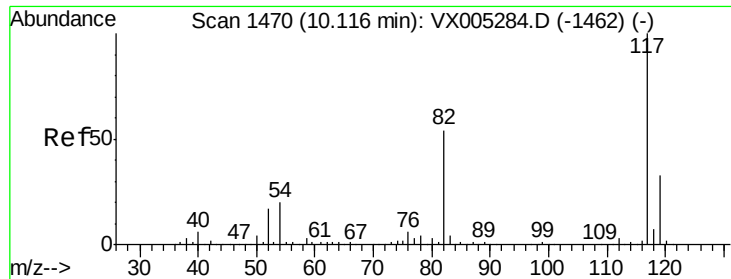
Tgt Ion: 98 Resp: 448859
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.56 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005312.D
Acq: 13 Oct 2018 00:31

Tgt Ion: 95 Resp: 145543
Ion Ratio Lower Upper
95 100
174 97.0 0.0 185.2
176 92.3 0.0 178.6

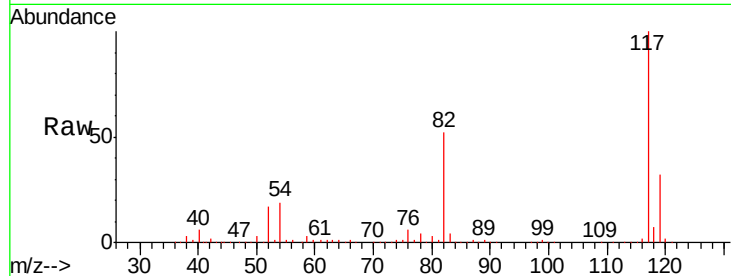




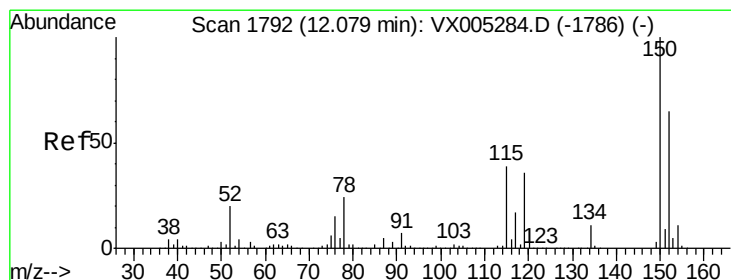
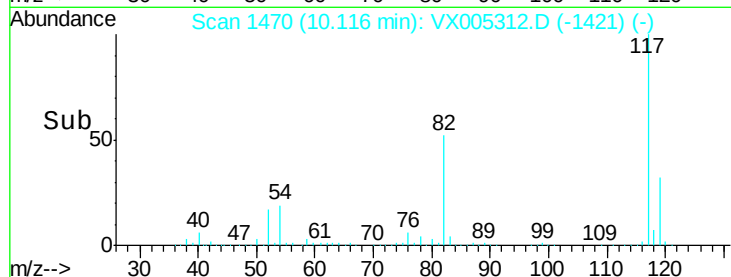
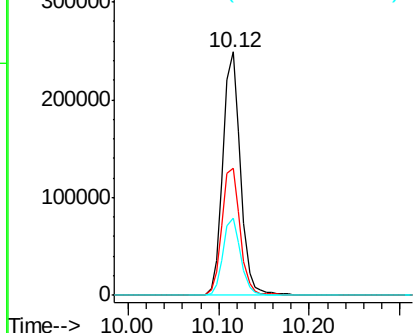
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005312.D
Acq: 13 Oct 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ5-TB3

Tgt Ion:117 Resp: 338146
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 31.6 29.3 43.9

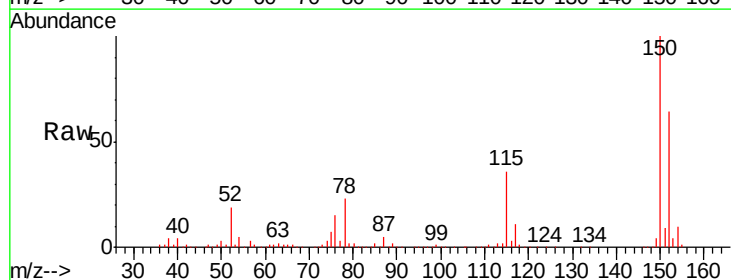


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005312.D
Acq: 13 Oct 2018 00:31

Tgt Ion:152 Resp: 162621
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 155.4 0.0 351.0



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

