

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005311.D
 Acq On : 13 Oct 2018 00:04
 Operator : JC/MD
 Sample : J5429-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ5-TB2

Quant Time: Oct 15 12:00:27 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	281150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164091	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	5.50	113	130439	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	466525	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	154290	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

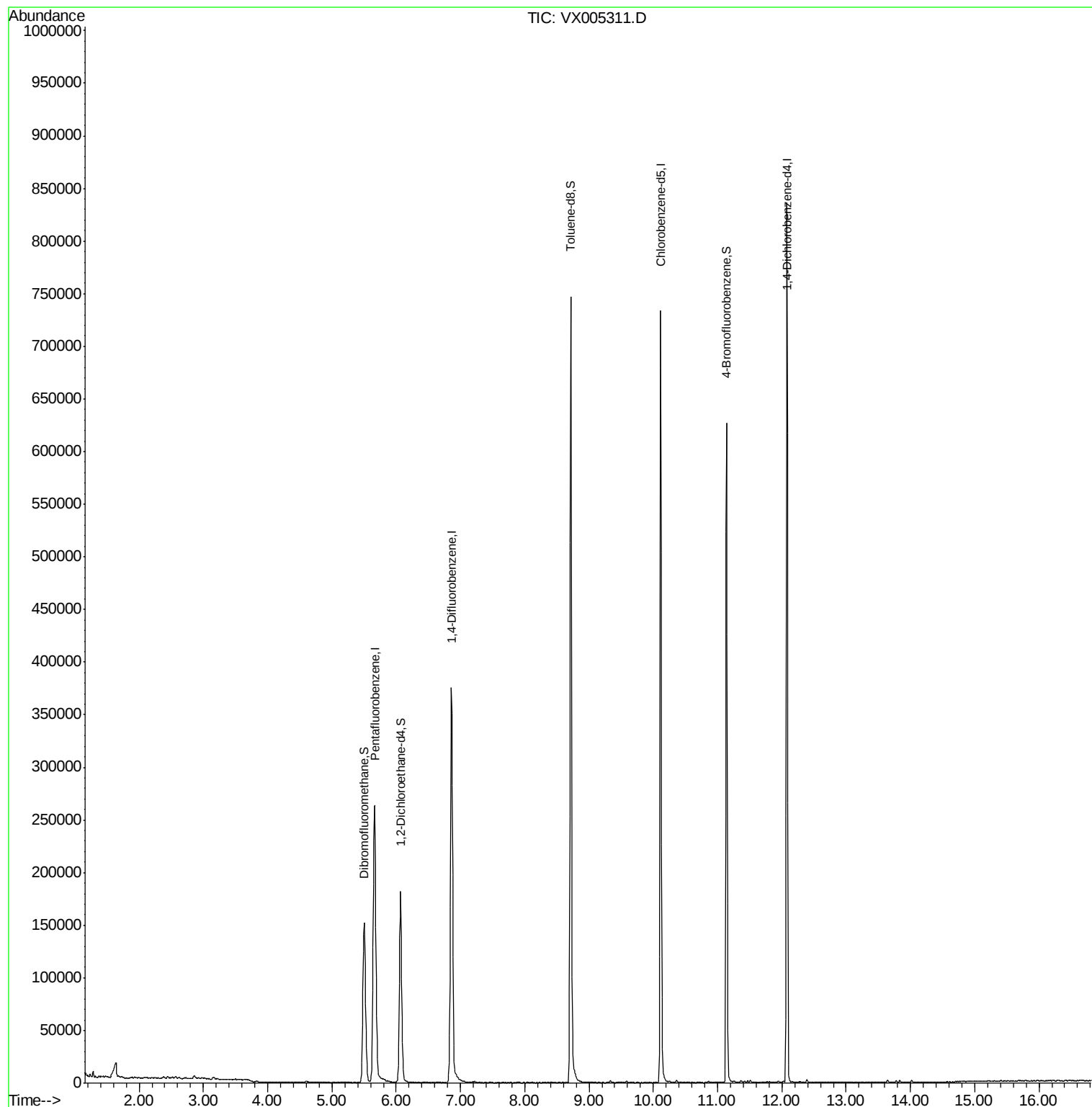
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005311.D

Acq: 13 Oct 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

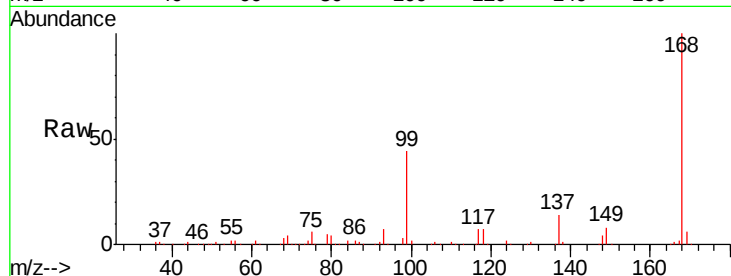
FA18-GMZ5-TB2

Tgt Ion:168 Resp: 281150

Ion Ratio Lower Upper

168 100

99 43.9 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

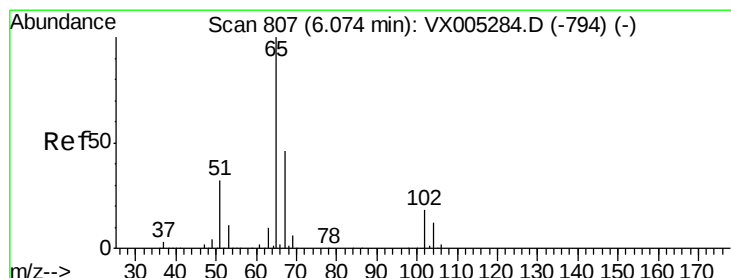
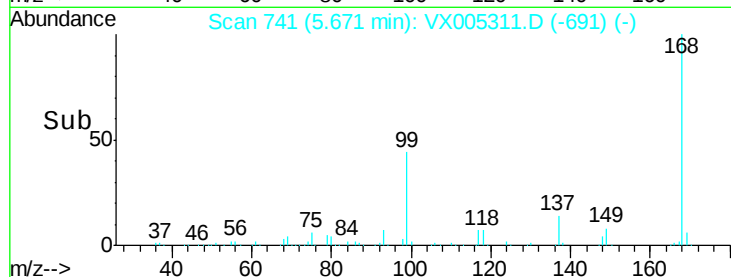
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 52.59 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005311.D

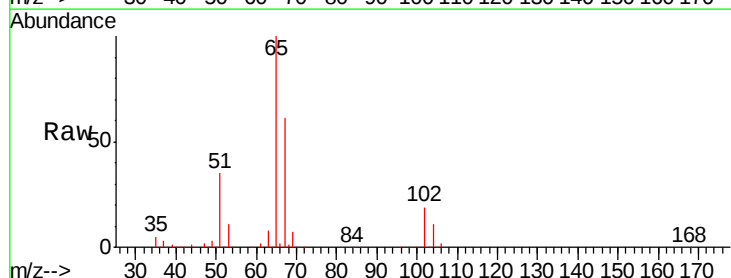
Acq: 13 Oct 2018 00:04

Tgt Ion: 65 Resp: 164091

Ion Ratio Lower Upper

65 100

67 54.5 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

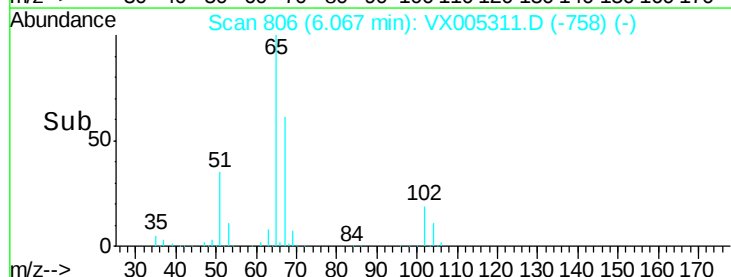
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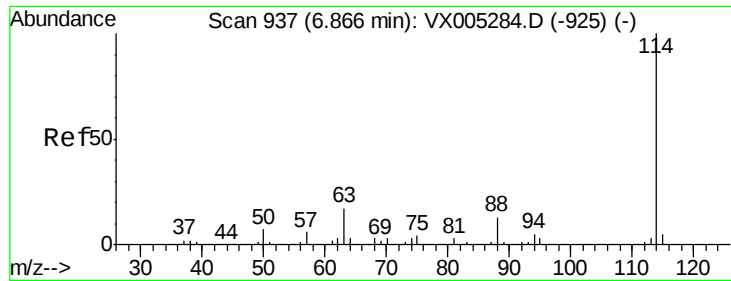
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Time-->

5.90 6.00 6.10 6.20 6.30

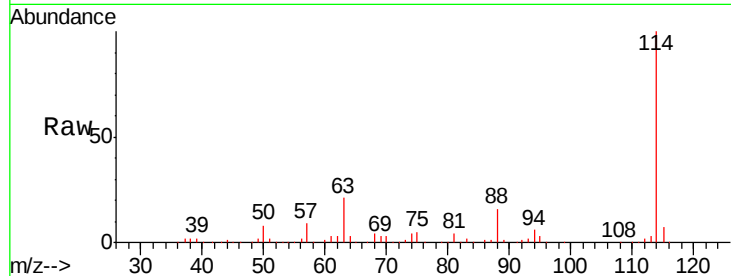




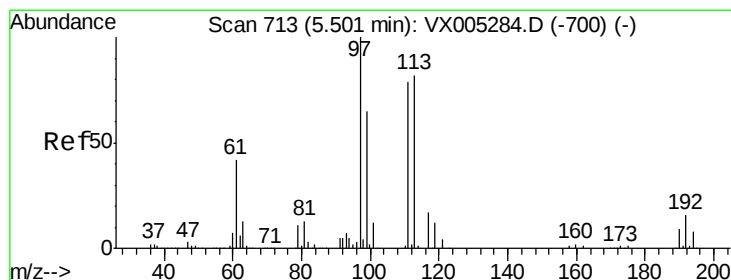
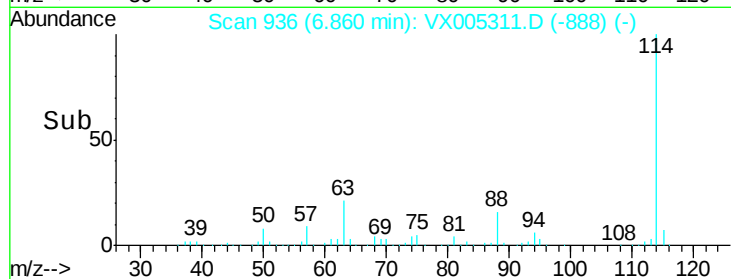
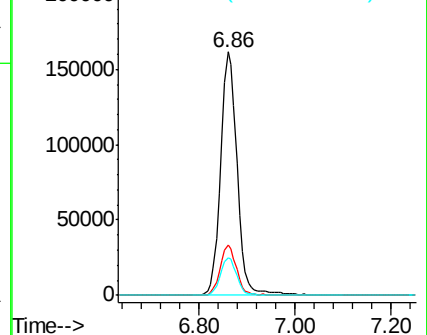
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005311.D
 Acq: 13 Oct 2018 00:04

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ5-TB2

Tgt Ion:114 Resp: 387183
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.5 0.0 30.4

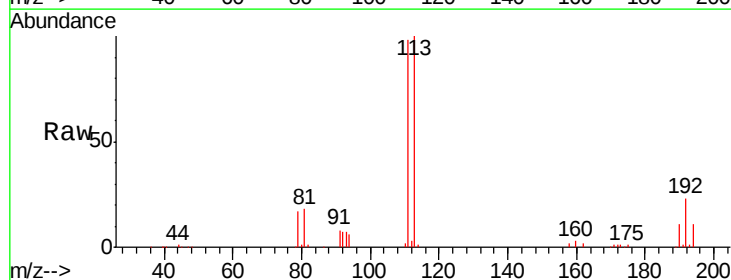


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

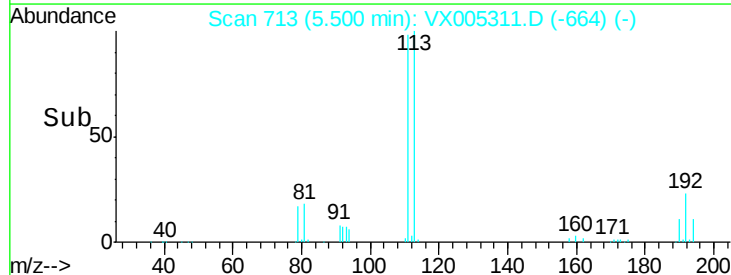
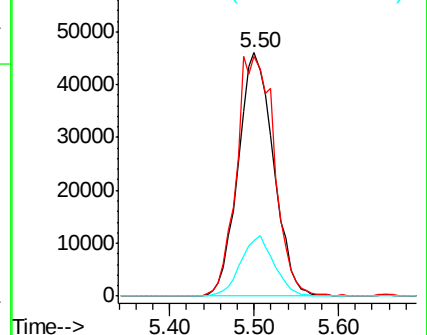


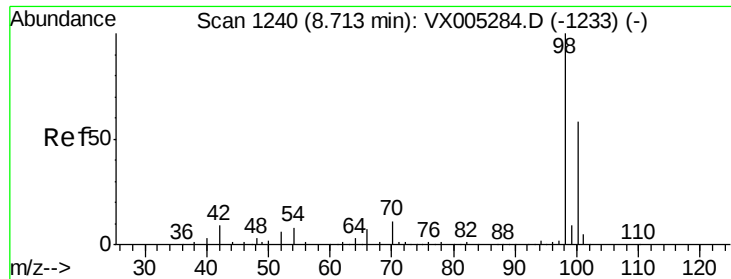
#35
 Dibromofluoromethane
 Concen: 50.87 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005311.D
 Acq: 13 Oct 2018 00:04

Tgt Ion:113 Resp: 130439
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.4 123.6
 192 23.5 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

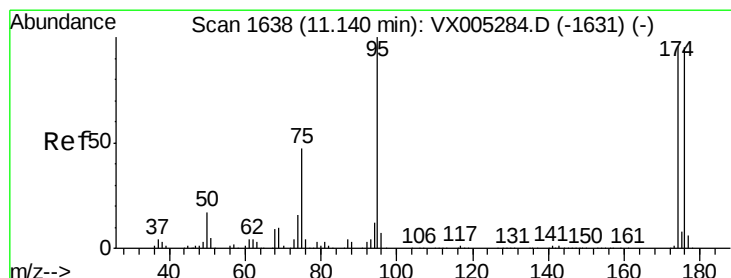
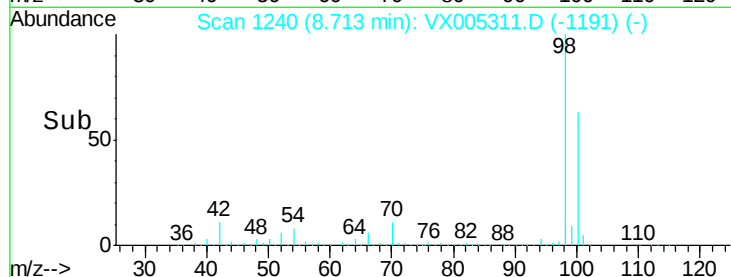
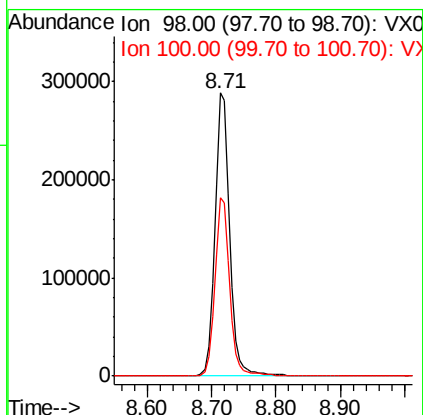
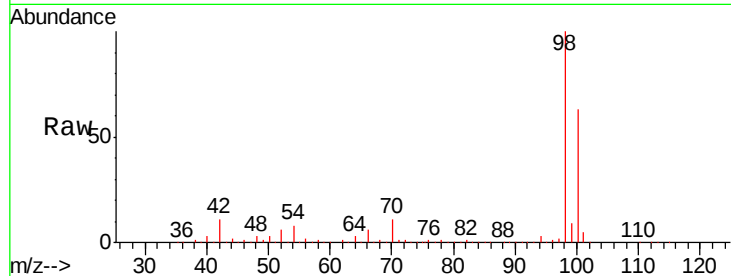




#50
Toluene-d8
Concen: 52.99 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005311.D
Acq: 13 Oct 2018 00:04

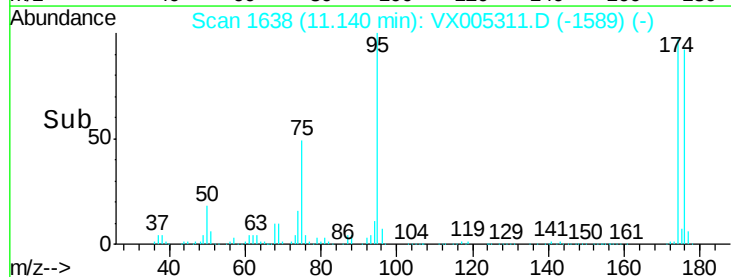
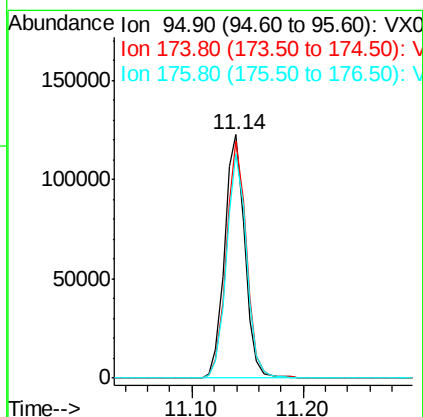
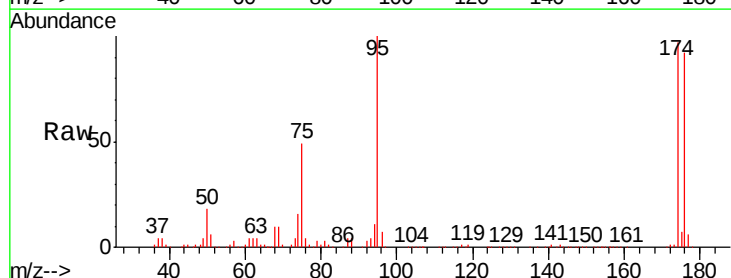
Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ5-TB2

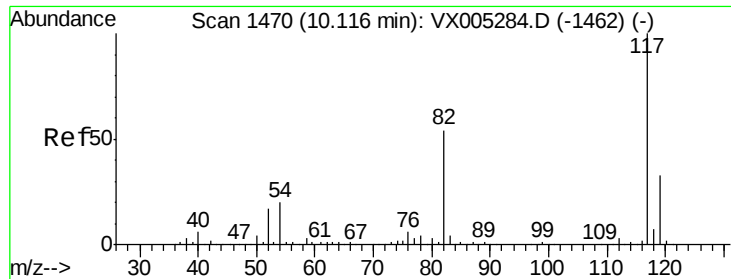
Tgt Ion: 98 Resp: 466525
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.65 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005311.D
Acq: 13 Oct 2018 00:04

Tgt Ion: 95 Resp: 154290
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.2
176 91.5 0.0 178.6

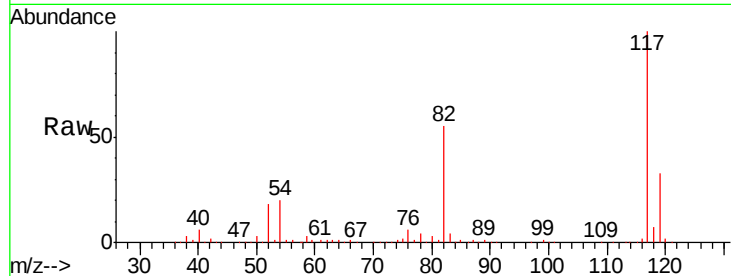




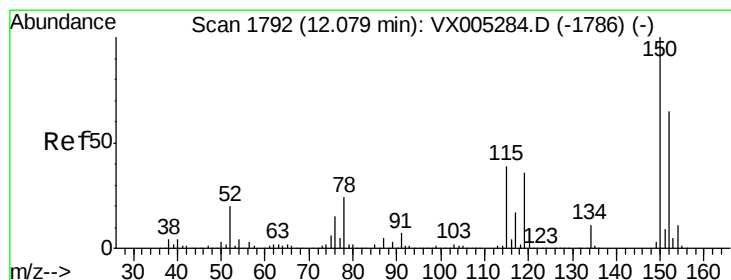
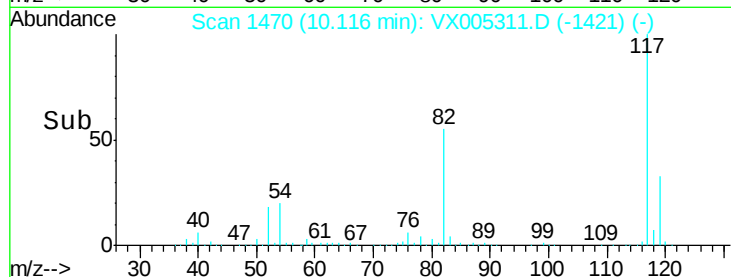
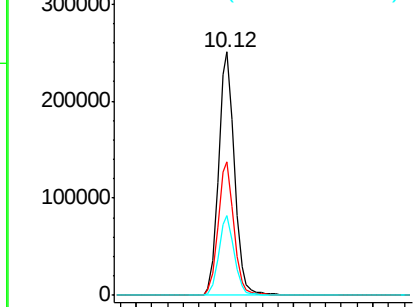
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005311.D
Acq: 13 Oct 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ5-TB2

Tgt Ion:117 Resp: 352206
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 32.7 29.3 43.9

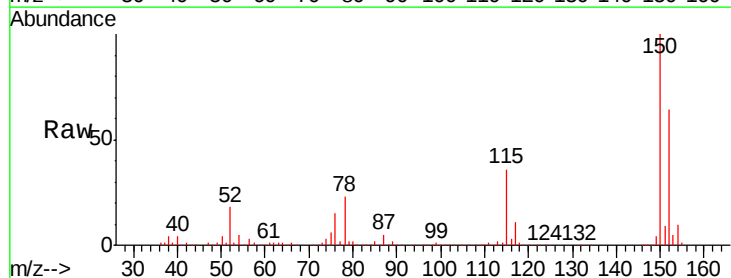


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005311.D
Acq: 13 Oct 2018 00:04

Tgt Ion:152 Resp: 172667
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 157.8 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

