

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006552.D
 Acq On : 15 Dec 2018 08:47
 Operator : JC/MD
 Sample : J6398-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-09-121118

Quant Time: Dec 15 23:40:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	657214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1036137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	954229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445930	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	356878	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	5.50	113	309362	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
50) Toluene-d8	8.71	98	1236049	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	451594	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

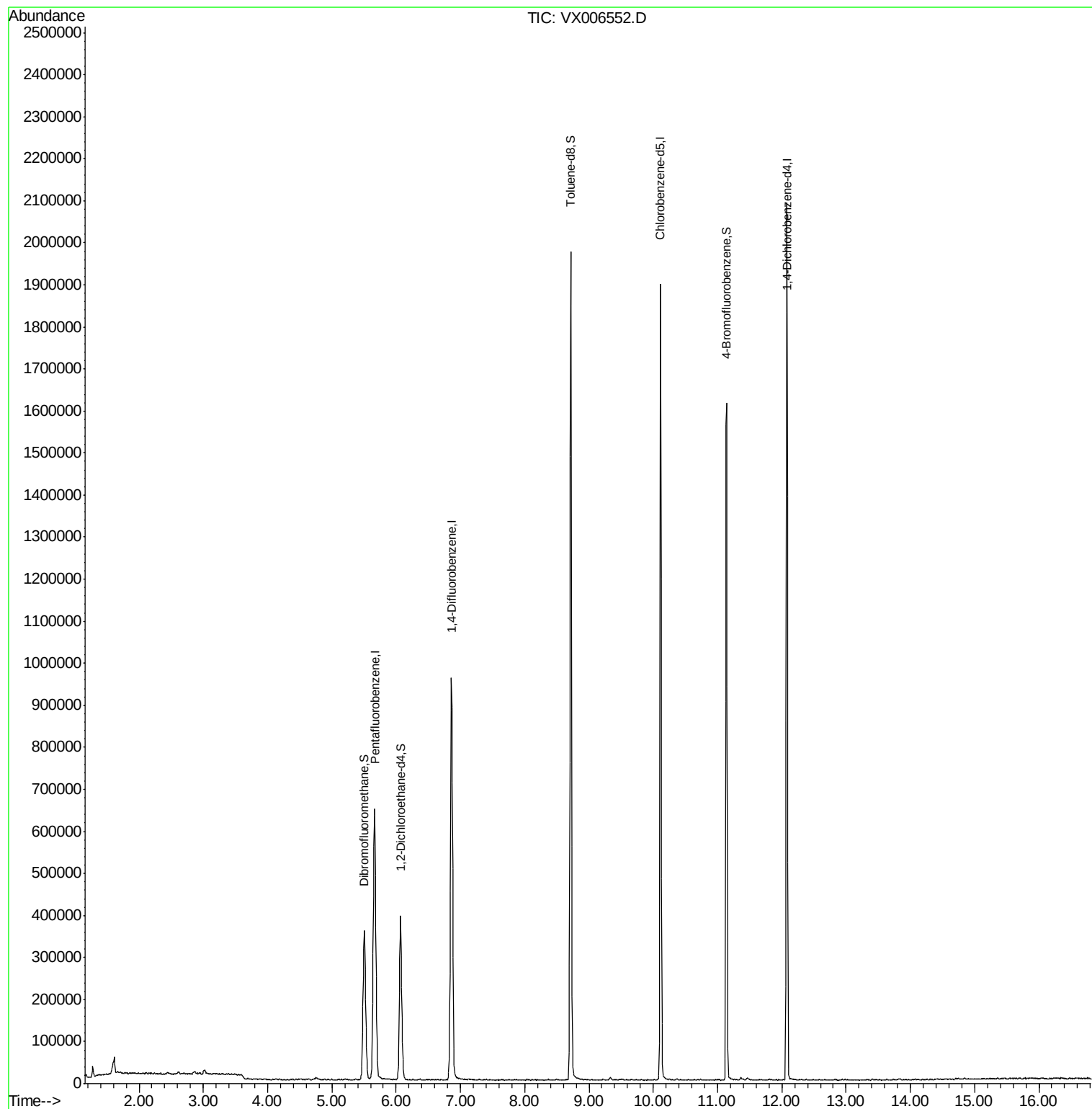
Target Compounds	Qvalue

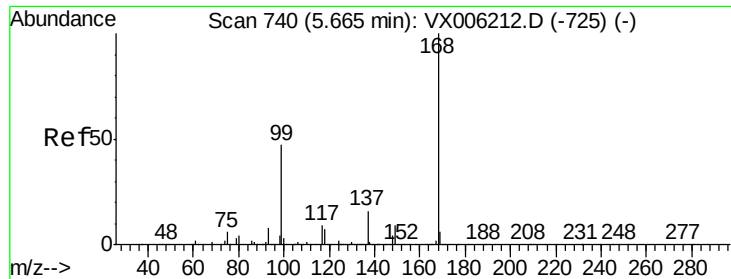
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006552.D

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Instrument :

MSVOA_X

ClientSampleId :

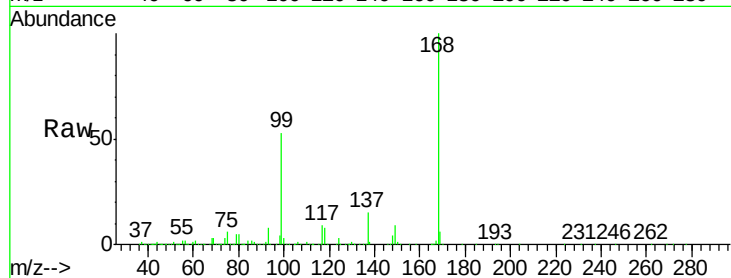
C-MW-09-121118

Tgt Ion:168 Resp: 657214

Ion Ratio Lower Upper

168 100

99 53.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

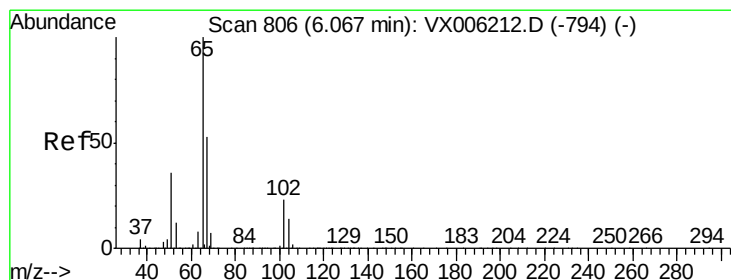
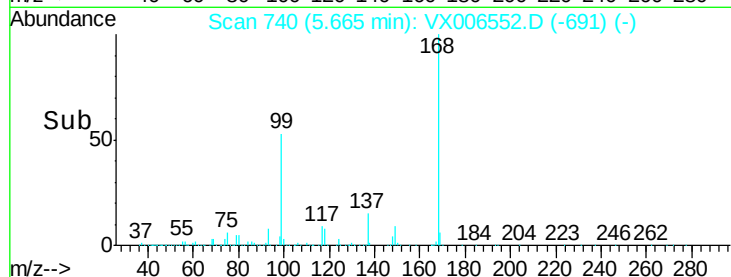
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.193 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006552.D

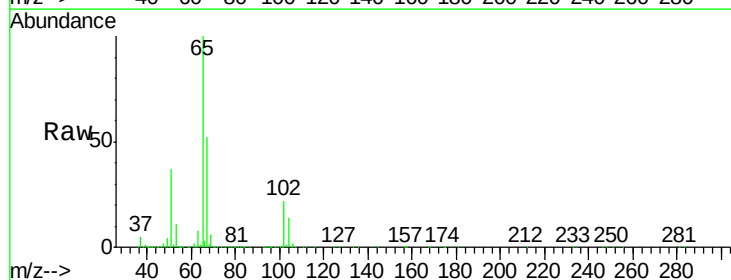
Acq: 15 Dec 2018 08:47

Tgt Ion: 65 Resp: 356878

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

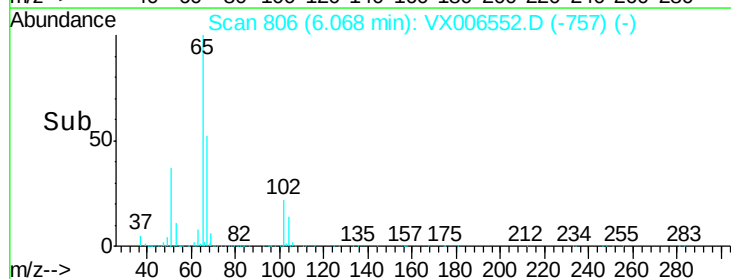
150000

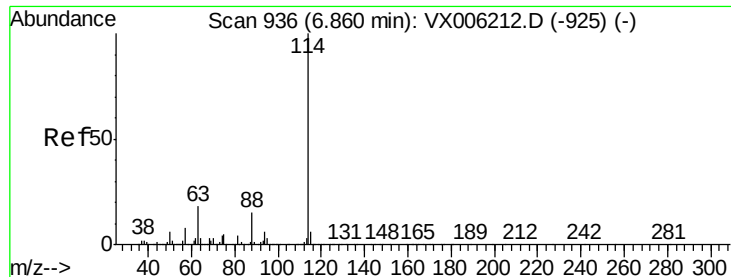
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006552.D

Acq: 15 Dec 2018 08:47

Instrument :

MSVOA_X

ClientSampleId :

C-MW-09-121118

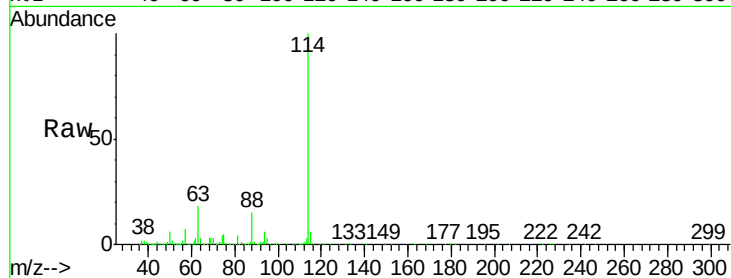
Tgt Ion:114 Resp: 1036137

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

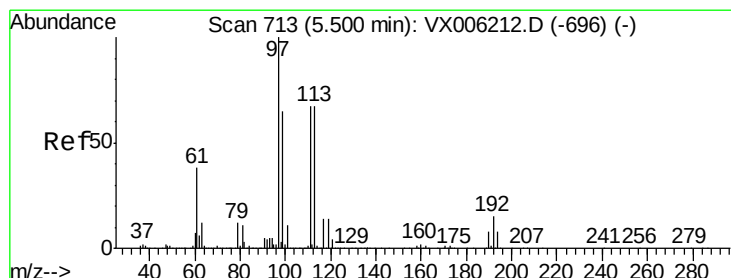
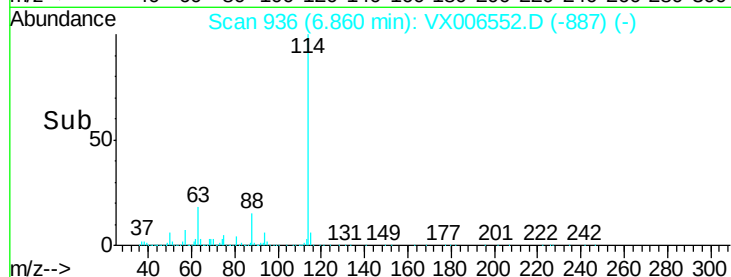
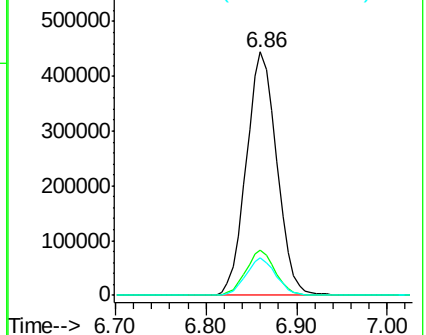
88 15.4 0.0 29.0



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: 46.114 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006552.D

Acq: 15 Dec 2018 08:47

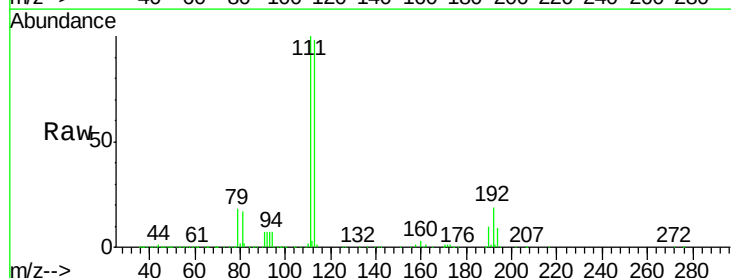
Tgt Ion:113 Resp: 309362

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

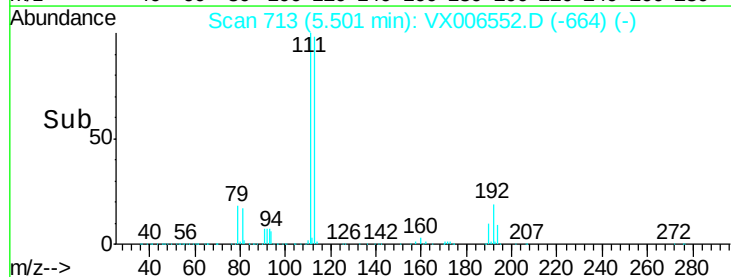
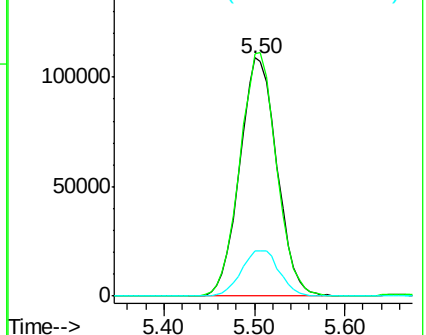
192 19.7 18.2 27.2

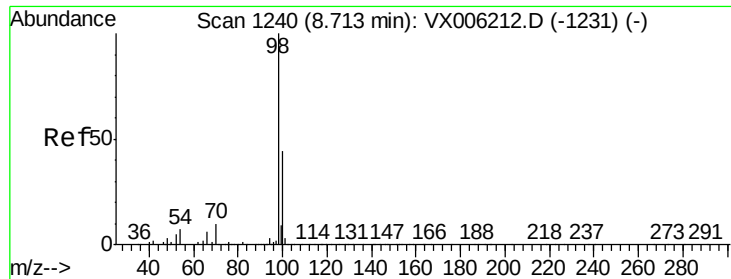


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

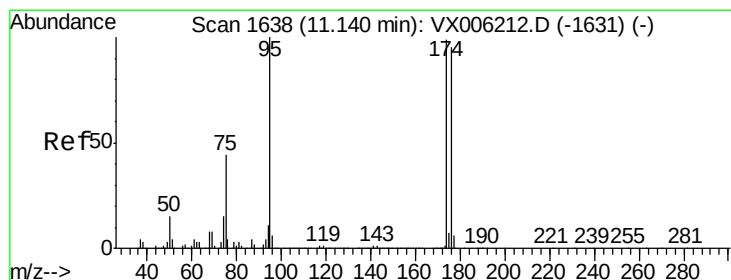
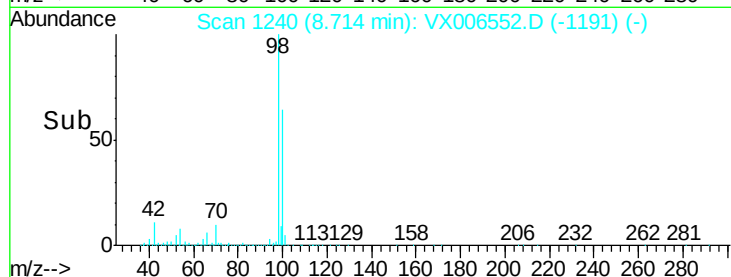
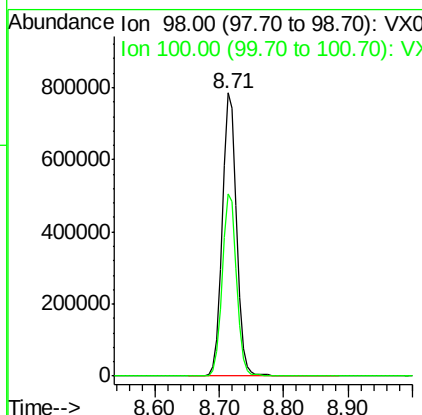
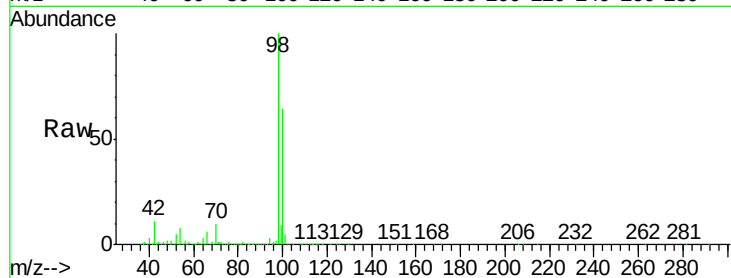




#50
Toluene-d8
Concen: 50.654 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006552.D
Acq: 15 Dec 2018 08:47

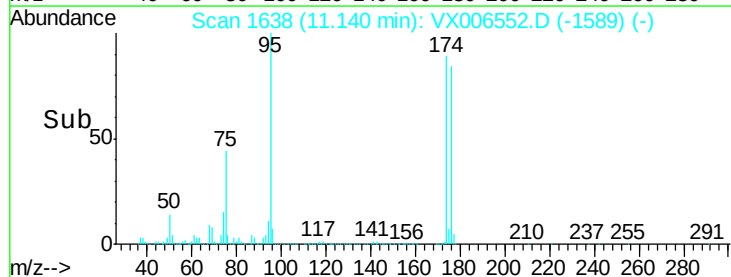
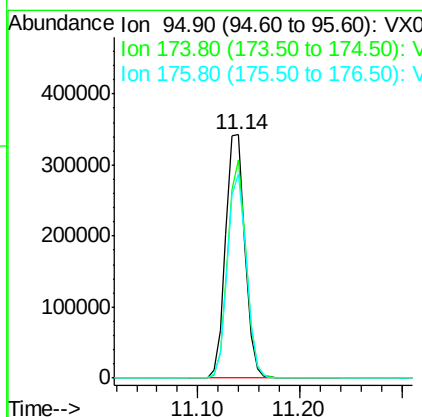
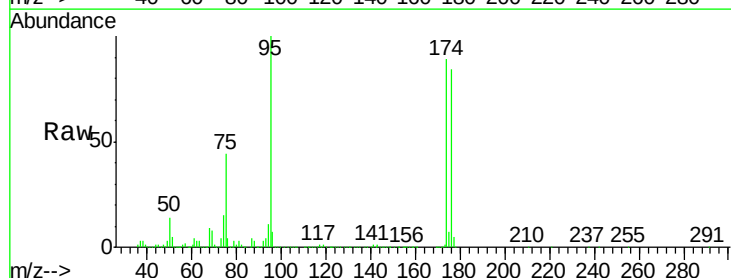
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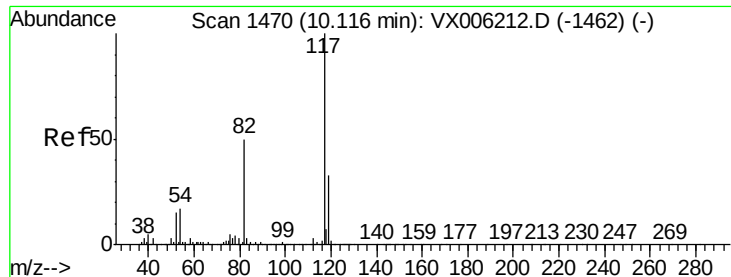
Tgt Ion: 98 Resp: 1236049
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.111 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006552.D
Acq: 15 Dec 2018 08:47

Tgt Ion: 95 Resp: 451594
Ion Ratio Lower Upper
95 100
174 85.0 0.0 187.0
176 81.7 0.0 181.8

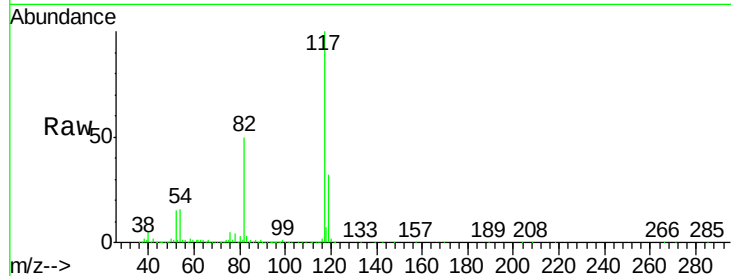




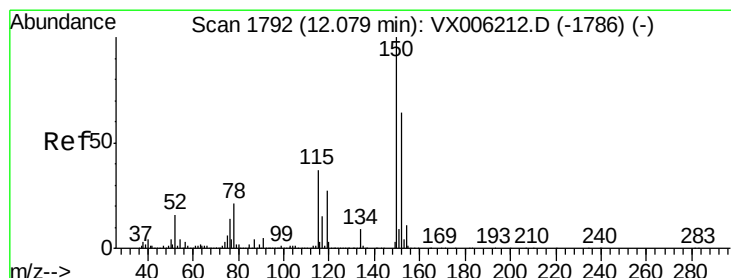
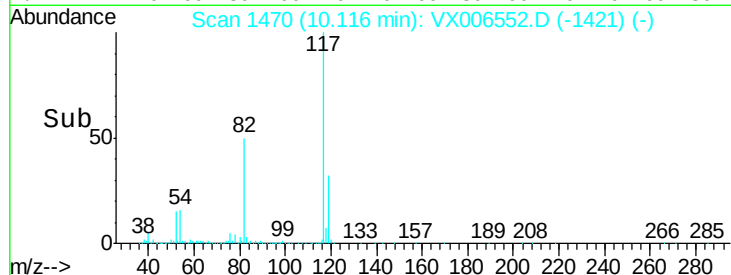
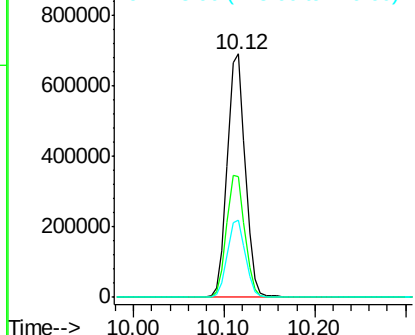
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006552.D
Acq: 15 Dec 2018 08:47

Instrument :
MSVOA_X
ClientSampleId :
C-MW-09-121118

Tgt Ion:117 Resp: 954229
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 31.9 26.3 39.5

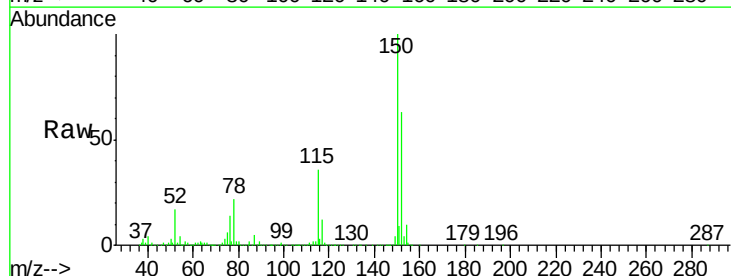


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006552.D
Acq: 15 Dec 2018 08:47

Tgt Ion:152 Resp: 445930
Ion Ratio Lower Upper
152 100
115 57.7 39.0 116.9
150 158.1 0.0 345.8



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

