

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013224.D
 Acq On : 25 Oct 2019 12:35
 Operator : JC/SP
 Sample : K5547-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 25 23:51:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	75344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	108565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	106504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64195	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	83652	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	63893	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.71	98	230029	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.13	95	84272	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

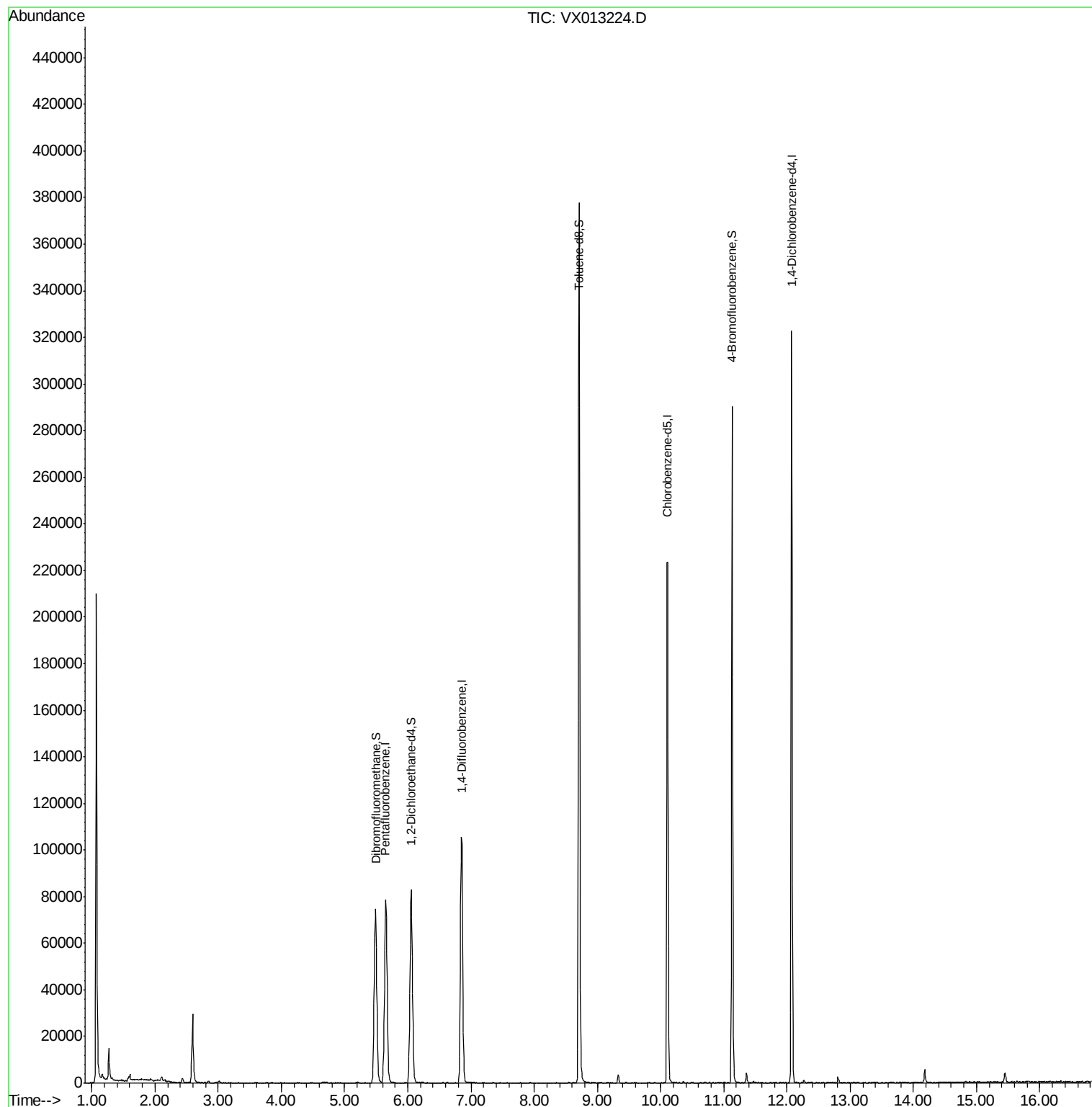
Target Compounds	Qvalue

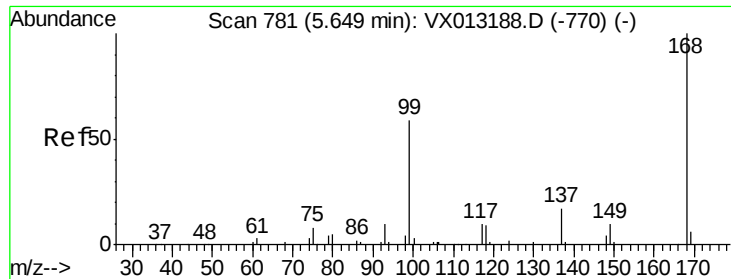
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013224.D

Acq: 25 Oct 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

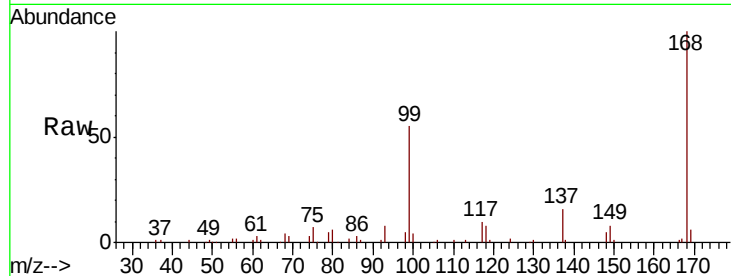
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 75344

Ion Ratio Lower Upper

168 100

99 55.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

25000

20000

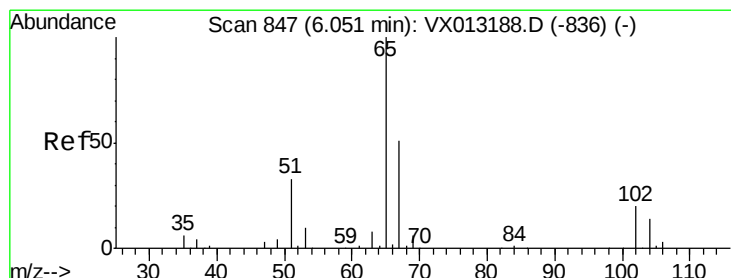
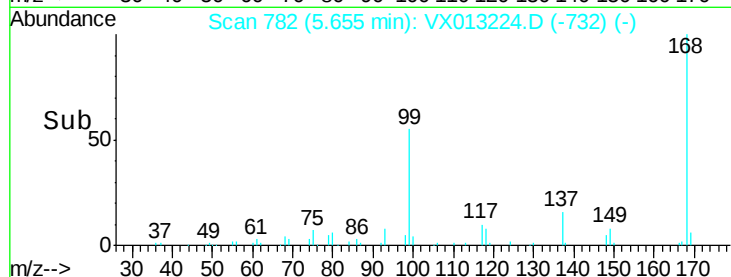
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.083 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013224.D

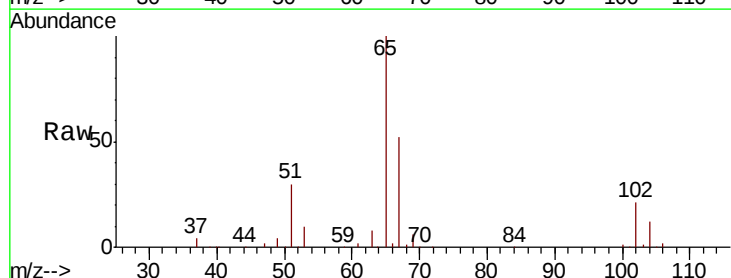
Acq: 25 Oct 2019 12:35

Tgt Ion: 65 Resp: 83652

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

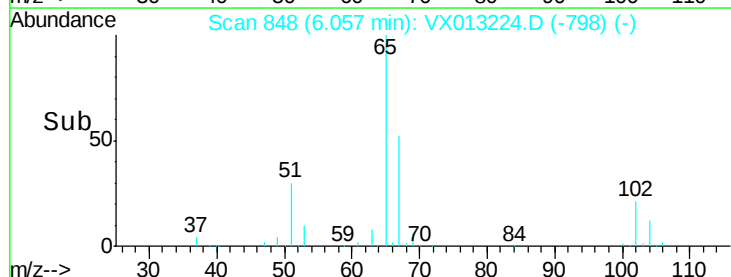
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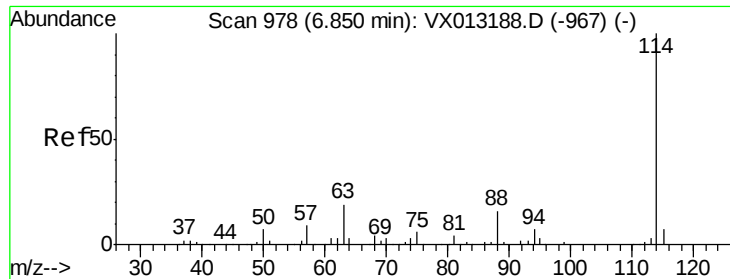
20000

10000

0

Time-->

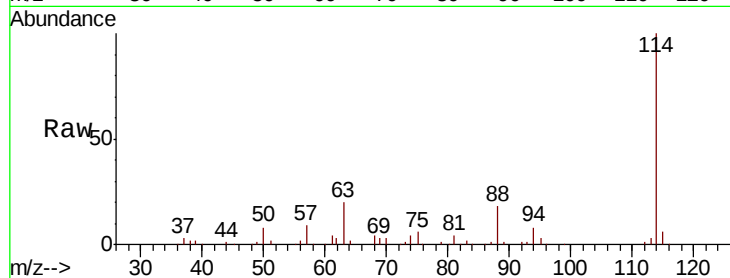




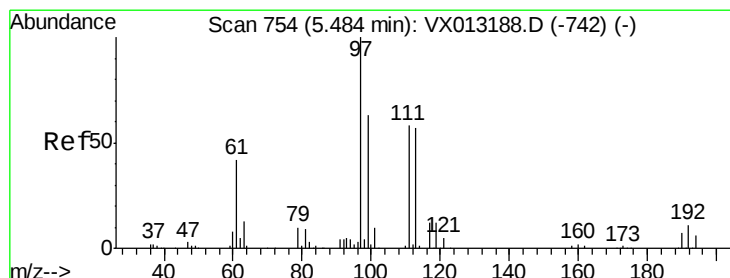
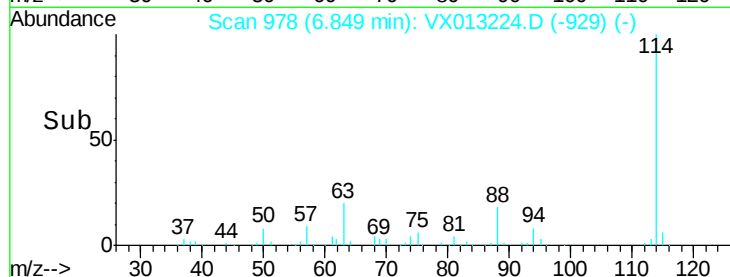
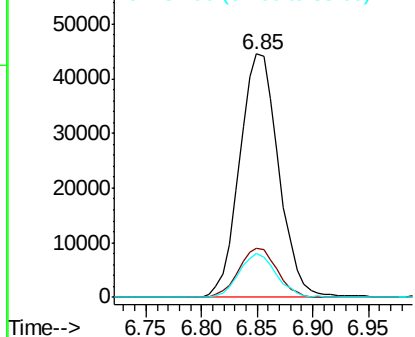
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:114 Resp: 108565
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 18.1 0.0 32.0

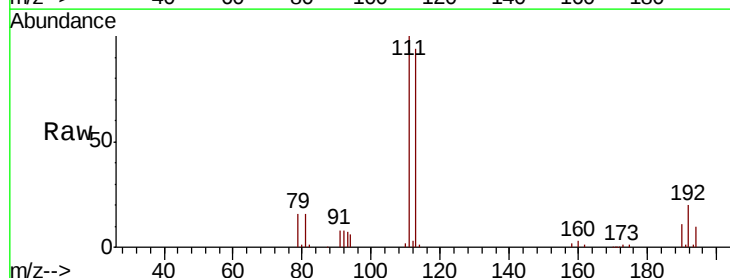


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

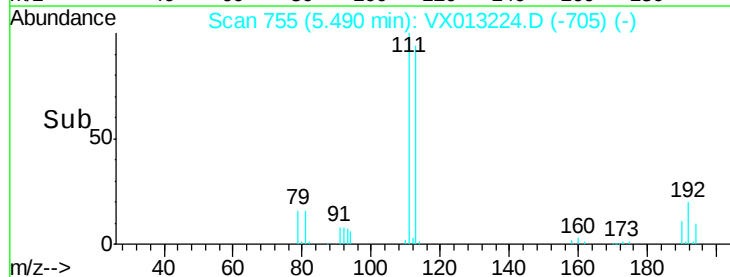
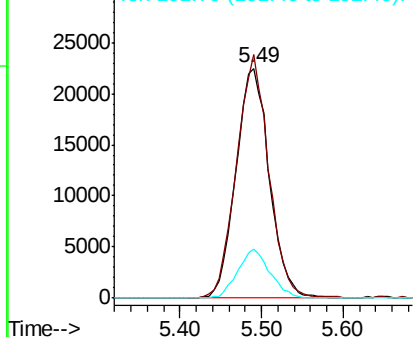


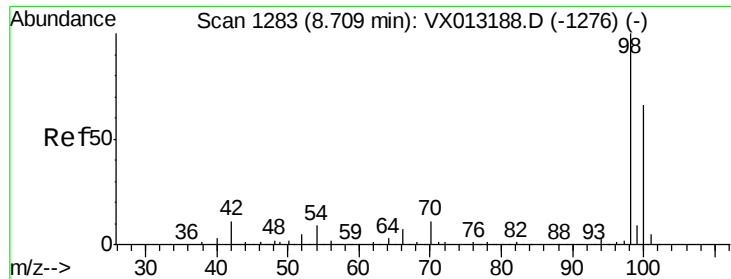
#35
Dibromofluoromethane
Concen: 52.776 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

Tgt Ion:113 Resp: 63893
Ion Ratio Lower Upper
113 100
111 101.8 80.3 120.5
192 20.5 15.9 23.9



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

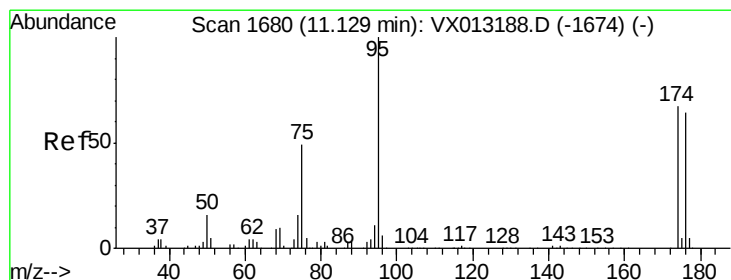
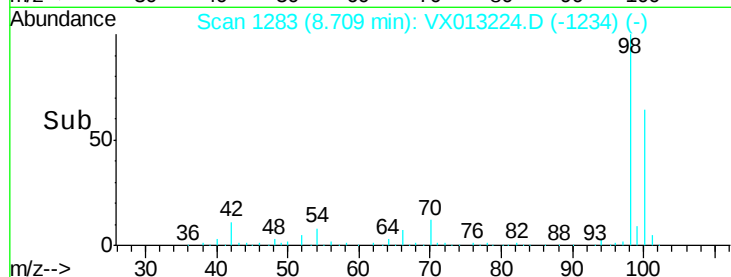
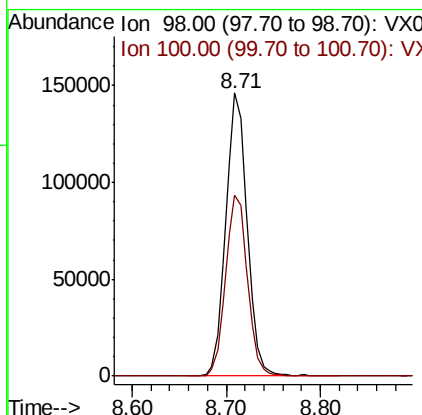
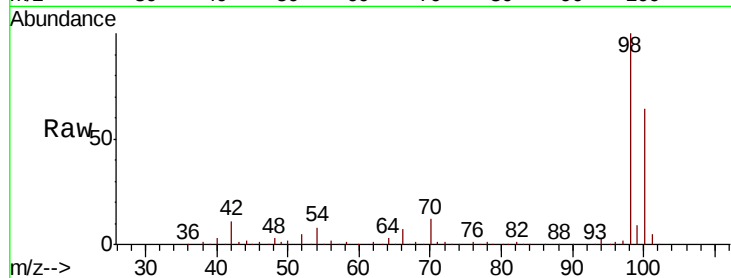




#50
Toluene-d8
Concen: 51.271 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

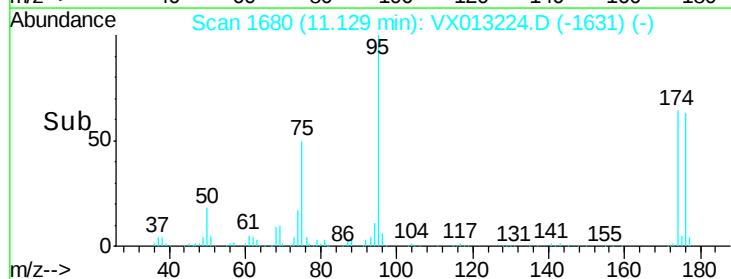
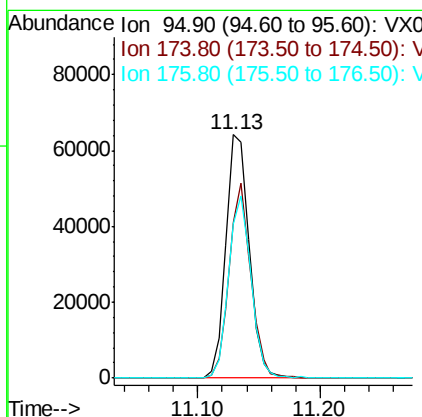
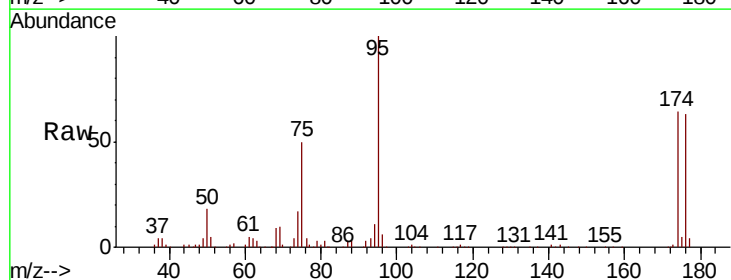
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

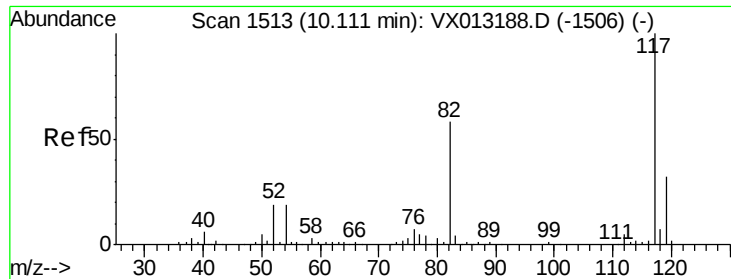
Tot Ion: 98 Resp: 230029
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

Tgt Ion: 95 Resp: 84272
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.4
176 72.0 0.0 146.0

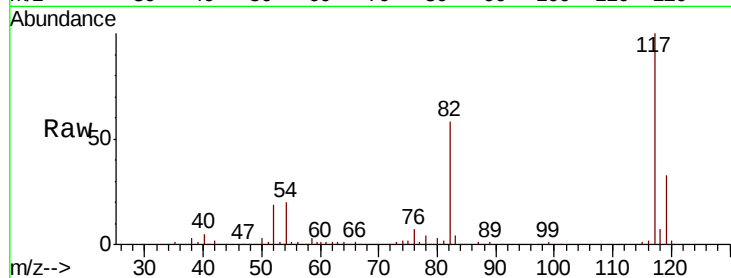




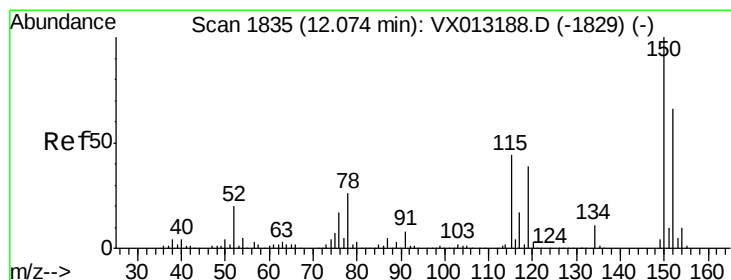
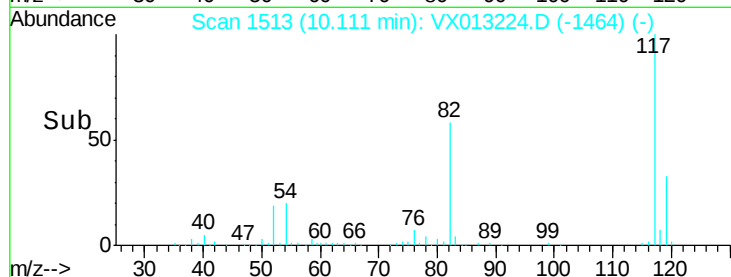
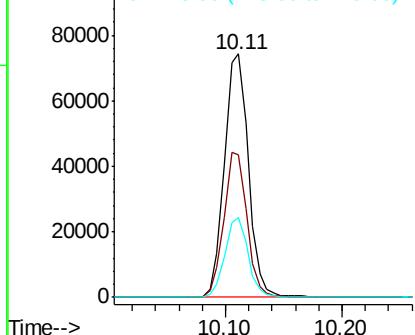
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 106504
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.9 25.2 37.8

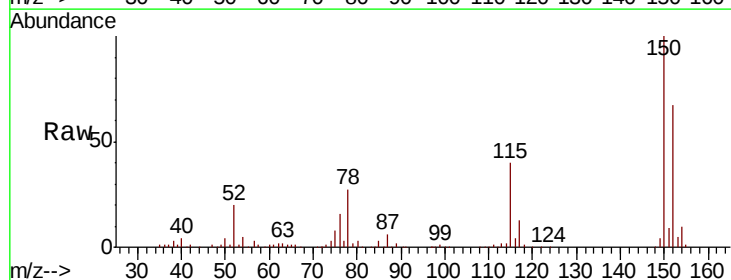


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013224.D
Acq: 25 Oct 2019 12:35

Tgt Ion:152 Resp: 64195
Ion Ratio Lower Upper
152 100
115 61.9 46.6 139.8
150 157.4 0.0 354.0



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

