

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009790.D
 Acq On : 22 May 2019 08:54
 Operator : JC/SP
 Sample : K2902-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 22 10:37:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118940	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	86121	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	351386	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	118273	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	

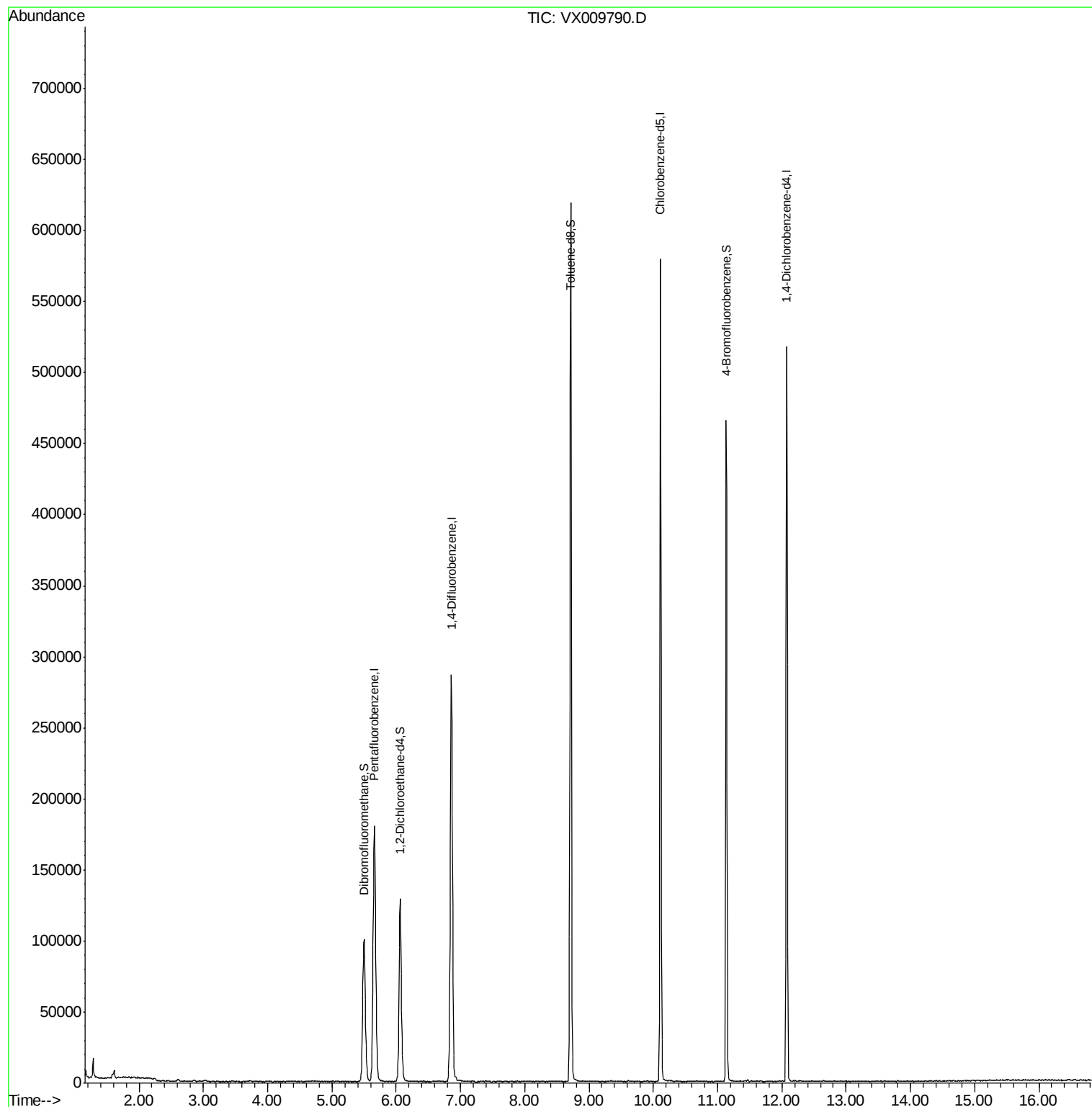
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009790.D

Acq: 22 May 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

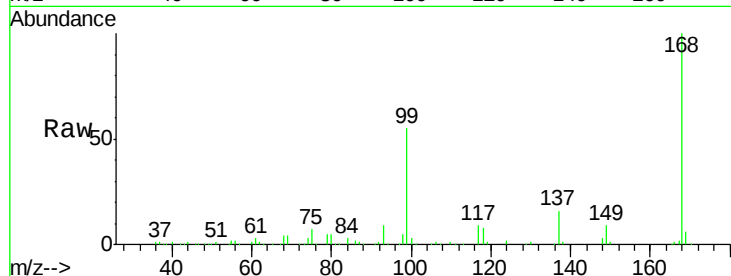
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Tot Ion:168 Resp: 173037

Ion Ratio Lower Upper

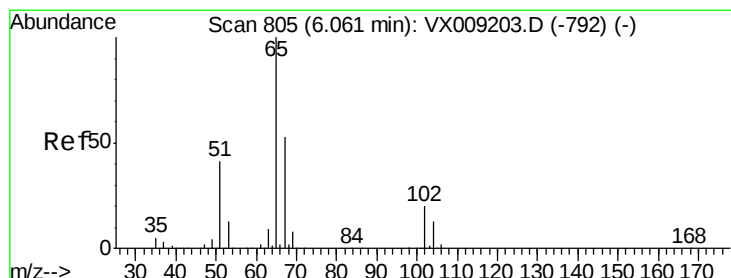
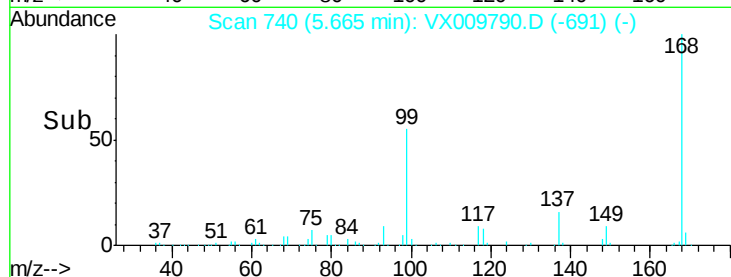
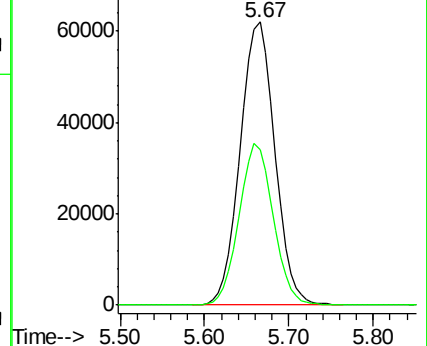
168 100

99 54.7 42.3 63.5



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: 50.352 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009790.D

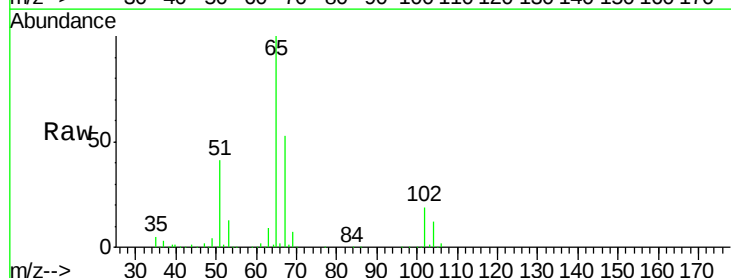
Acq: 22 May 2019 08:54

Tgt Ion: 65 Resp: 118940

Ion Ratio Lower Upper

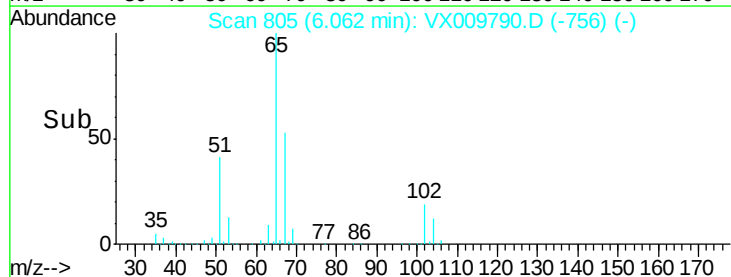
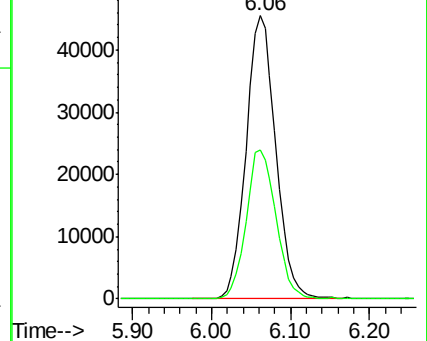
65 100

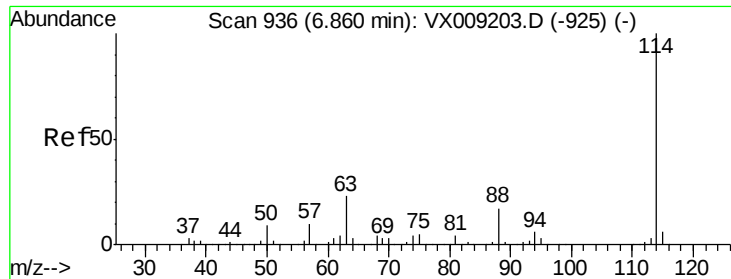
67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

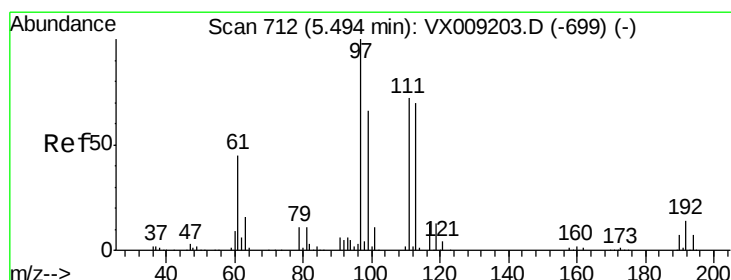
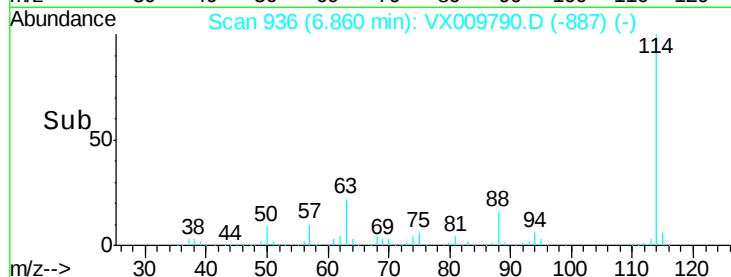
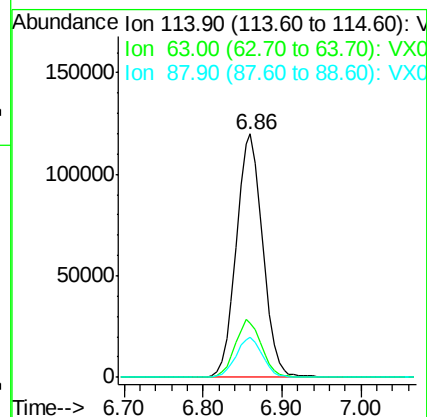
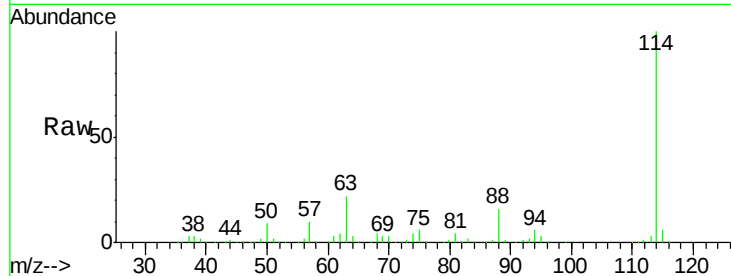




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009790.D
 Acq: 22 May 2019 08:54

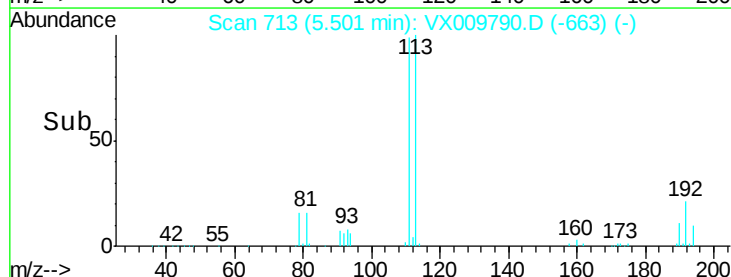
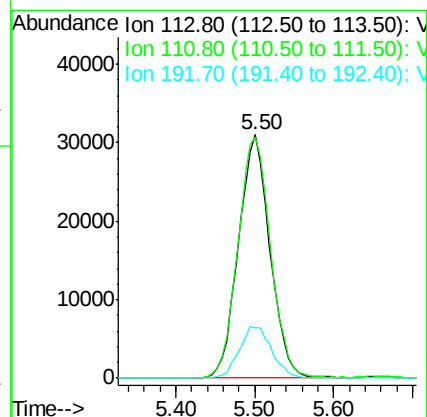
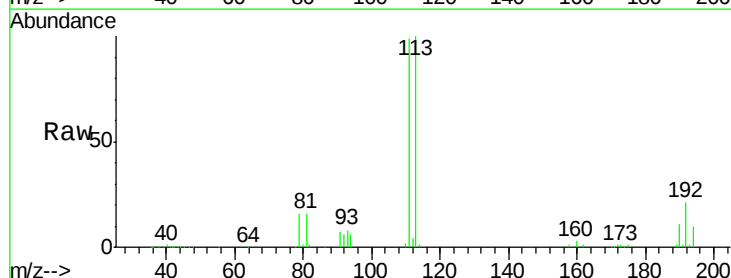
Instrument :
 MSVOA_X
 ClientSampleId :
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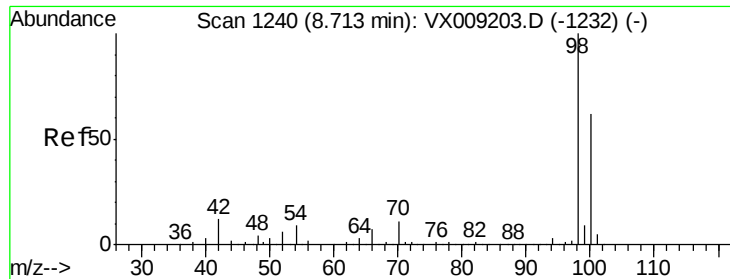
Tot Ion:114 Resp: 279572
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.2 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.002 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009790.D
 Acq: 22 May 2019 08:54

Tgt Ion:113 Resp: 86121
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.9 17.0 25.6

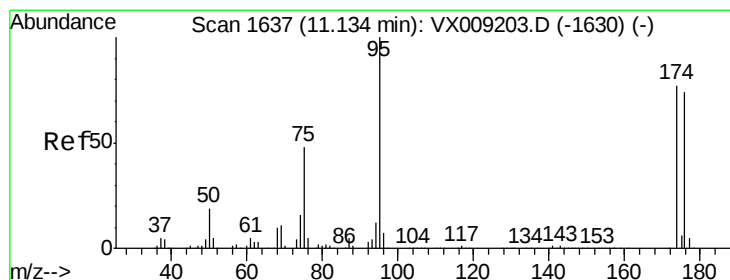
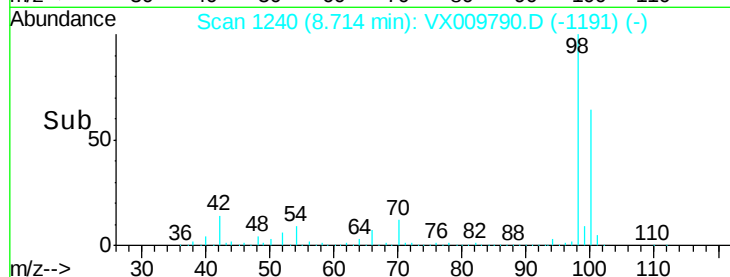
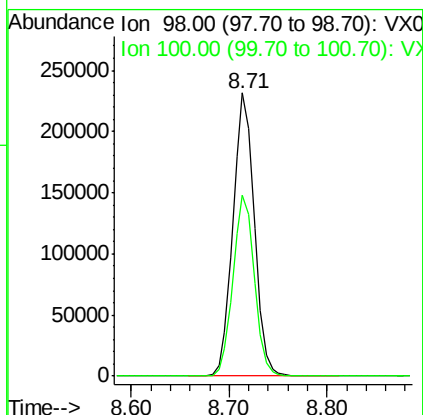
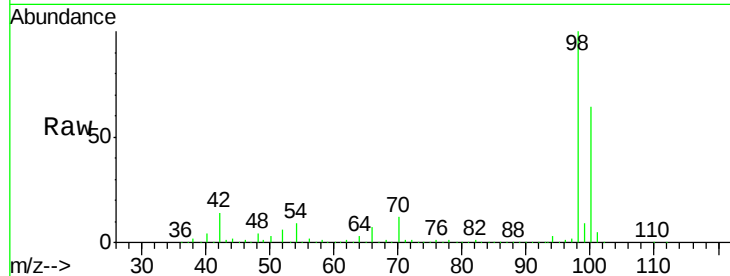




#50
Toluene-d8
Concen: 49.523 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009790.D
Acq: 22 May 2019 08:54

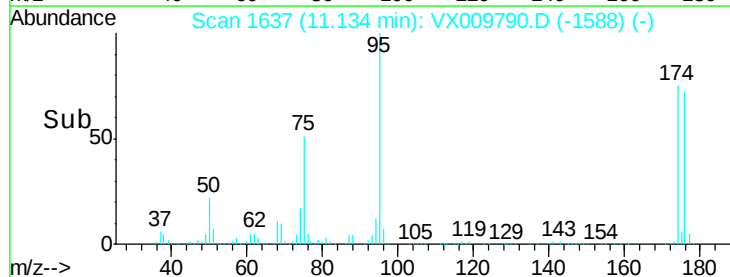
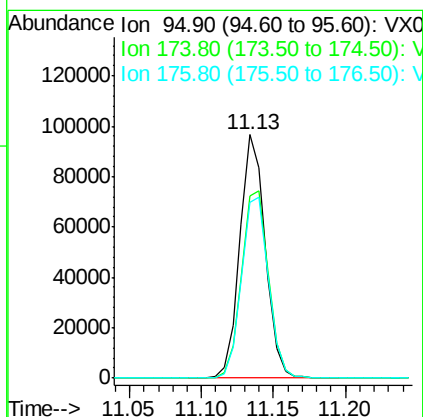
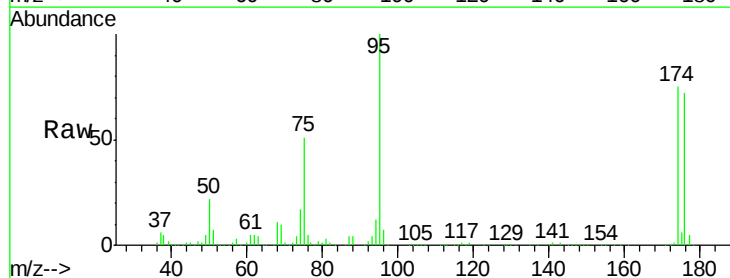
Instrument :
MSVOA_X
ClientSampled :
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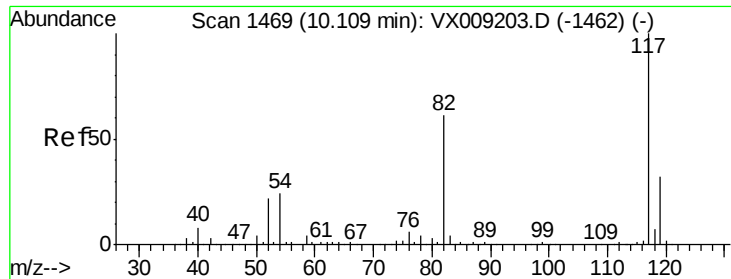
Tot Ion: 98 Resp: 351386
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.874 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009790.D
Acq: 22 May 2019 08:54

Tgt Ion: 95 Resp: 118273
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.6
176 78.7 0.0 159.2

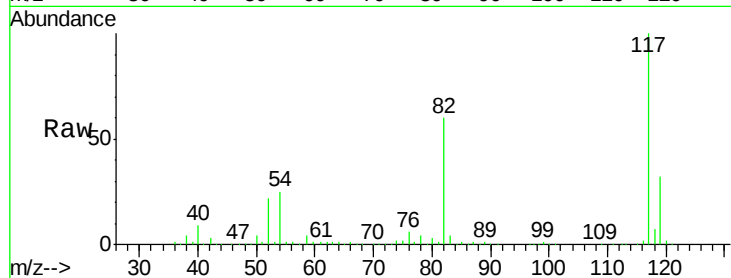




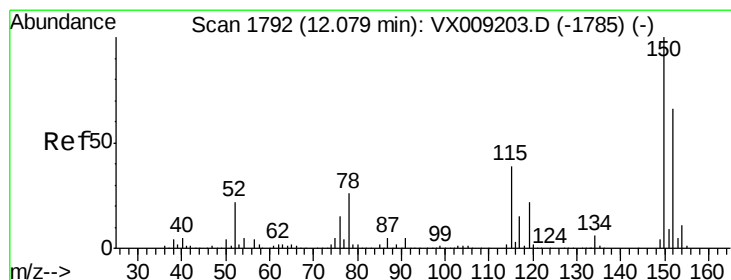
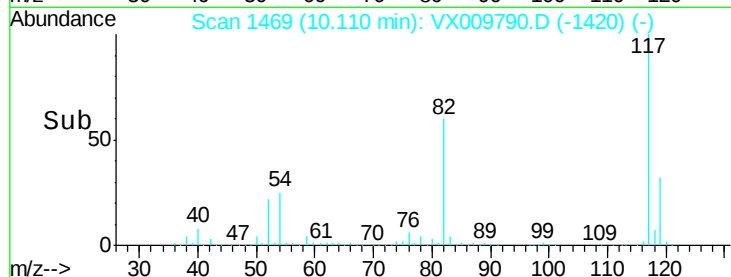
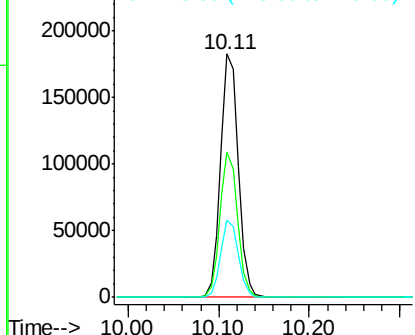
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009790.D
Acq: 22 May 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 250261
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 31.8 25.8 38.6

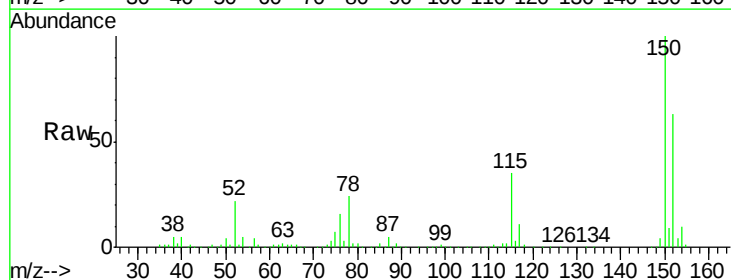


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009790.D
Acq: 22 May 2019 08:54

Tgt Ion:152 Resp: 106839
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 158.0 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

