

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011354.D
 Acq On : 07 Aug 2019 11:29
 Operator : JC/SP
 Sample : VX0807WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 08 07:18:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88061	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
35) Dibromofluoromethane	5.49	113	80753	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.71	98	297688	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	99161	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	

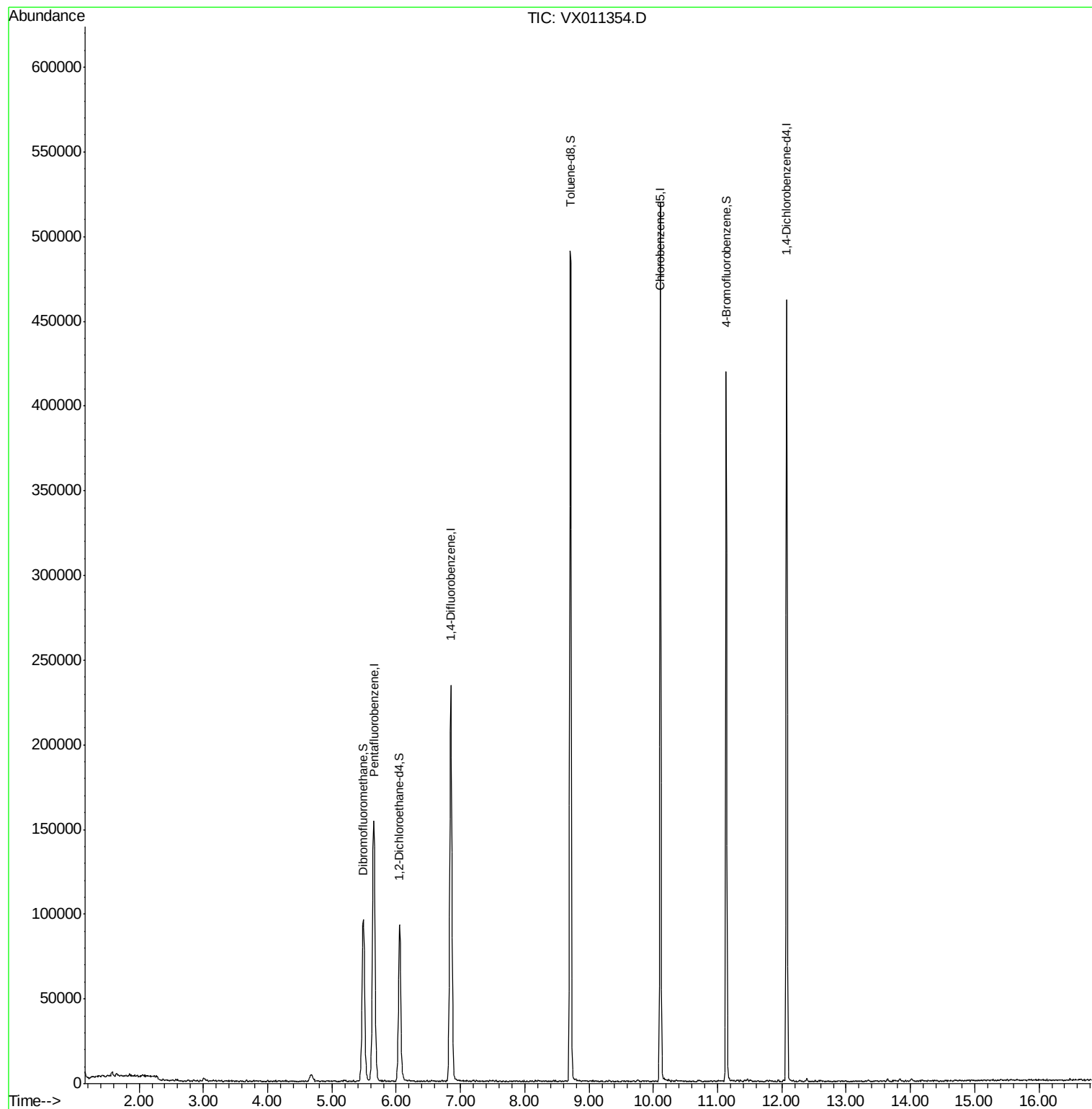
Target Compounds	Qvalue
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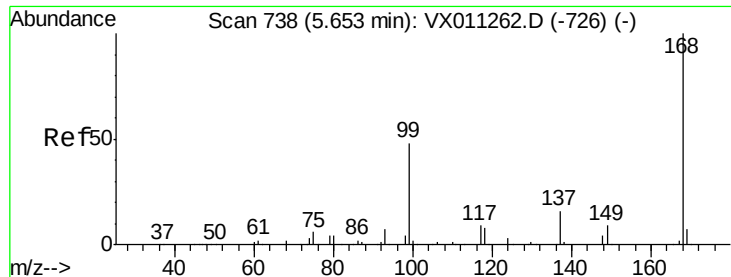
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011354.D

Acq: 07 Aug 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

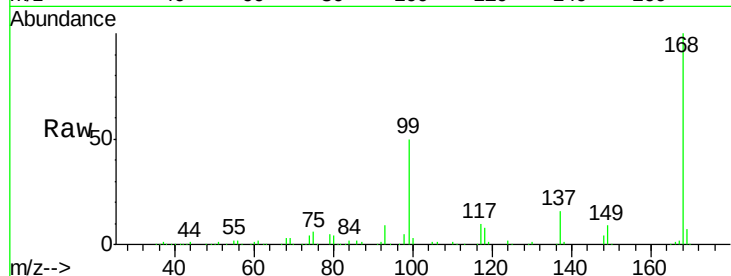
VX0807WBL01

Tot Ion:168 Resp: 153687

Ion Ratio Lower Upper

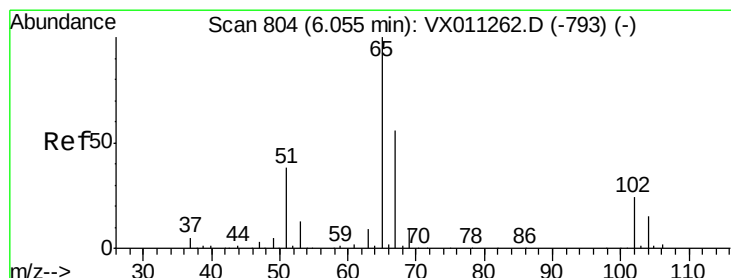
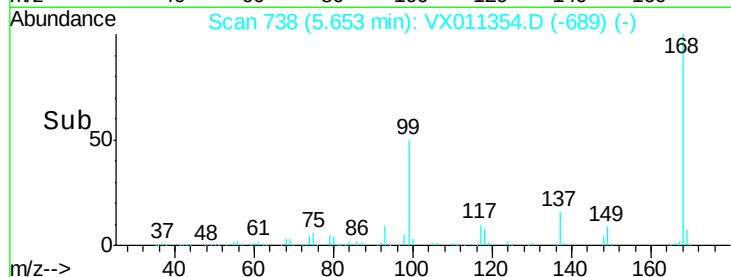
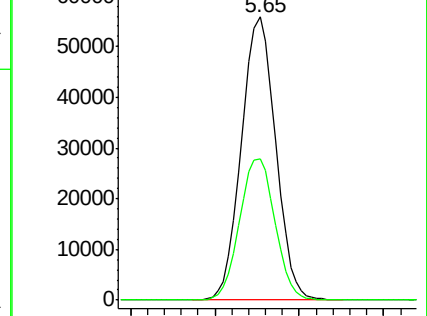
168 100

99 49.9 38.5 57.7



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: 56.898 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011354.D

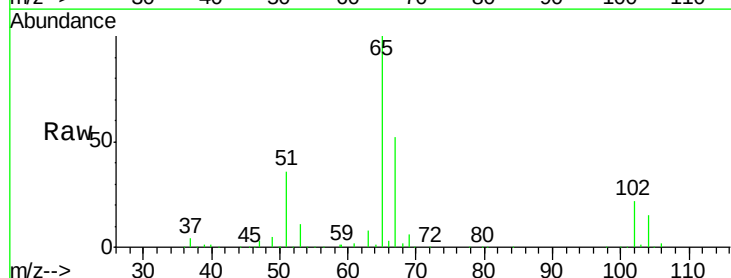
Acq: 07 Aug 2019 11:29

Tgt Ion: 65 Resp: 88061

Ion Ratio Lower Upper

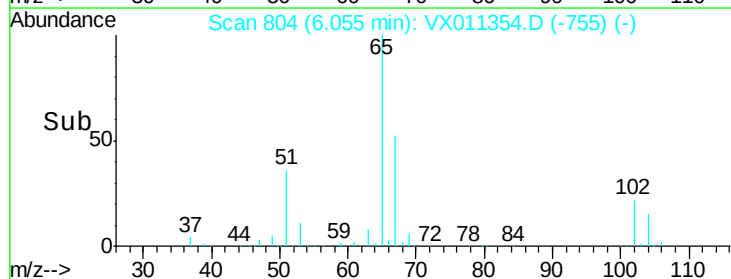
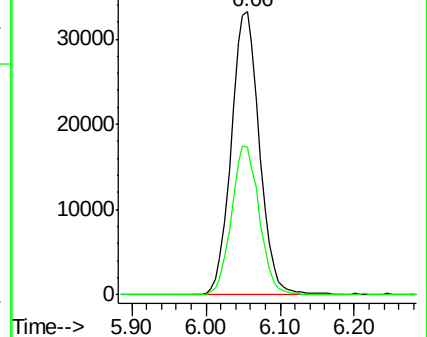
65 100

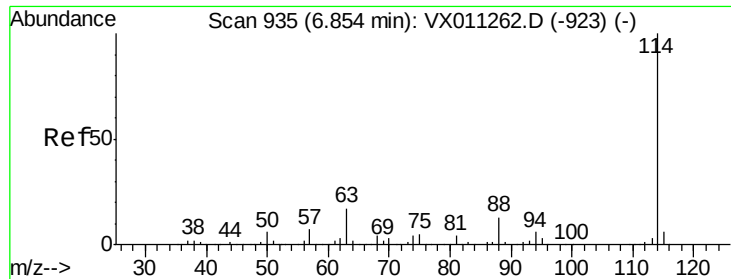
67 51.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

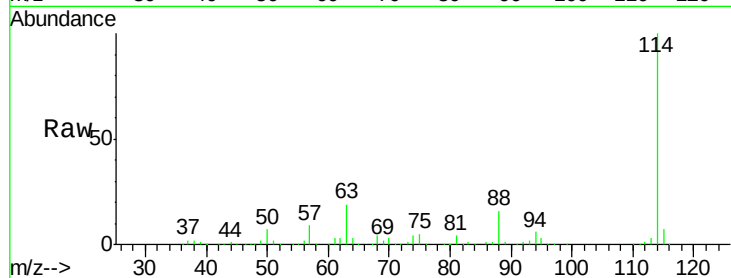




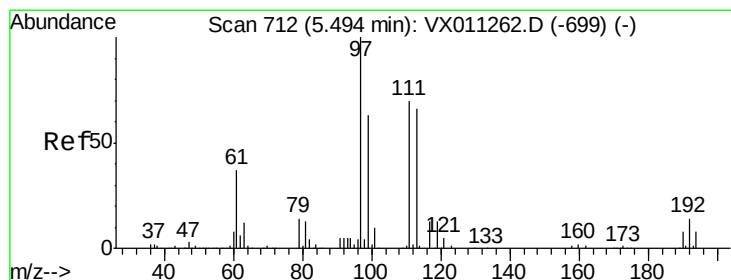
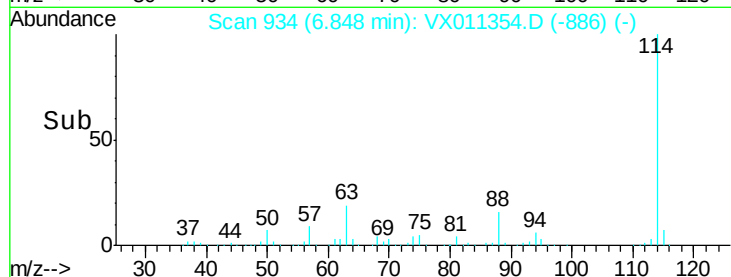
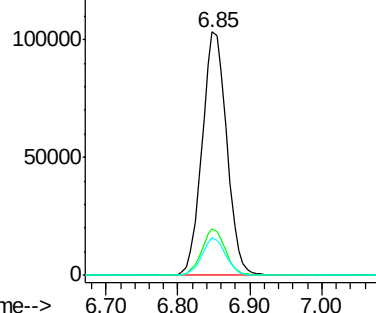
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 934
Delta R.T. -0.01 min
Lab File: VX011354.D
Acq: 07 Aug 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

Tot Ion:114 Resp: 246036
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.0
88 15.6 0.0 26.4

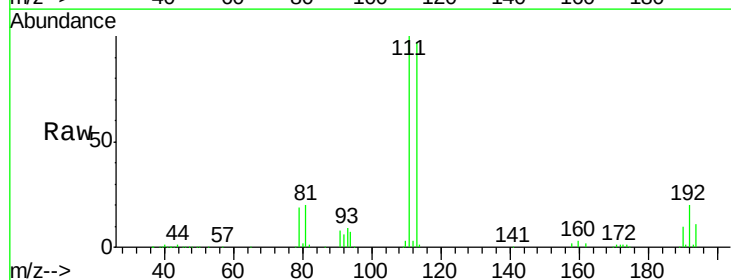


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

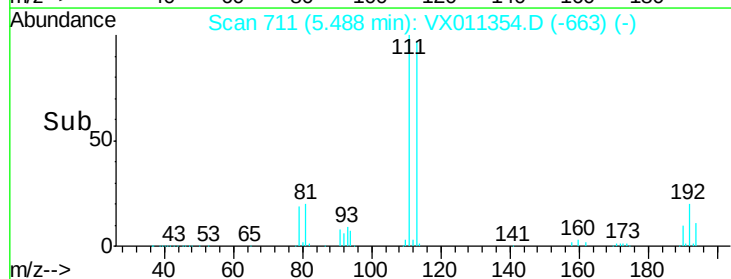
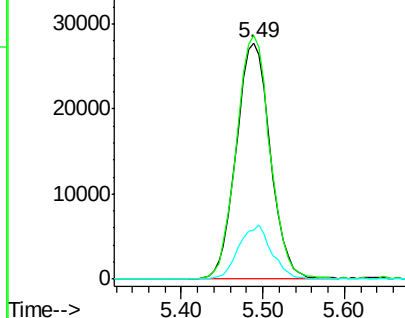


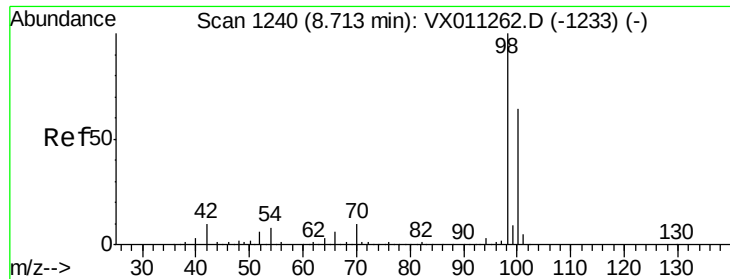
#35
Dibromofluoromethane
Concen: 50.272 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011354.D
Acq: 07 Aug 2019 11:29

Tgt Ion:113 Resp: 80753
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 21.9 17.8 26.8



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: 49.096 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011354.D

Acq: 07 Aug 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

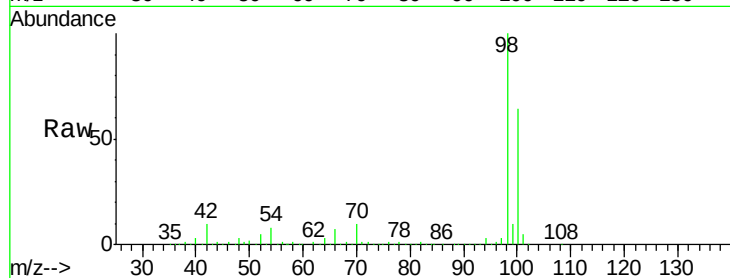
VX0807WBL01

Tot Ion: 98 Resp: 297688

Ion Ratio Lower Upper

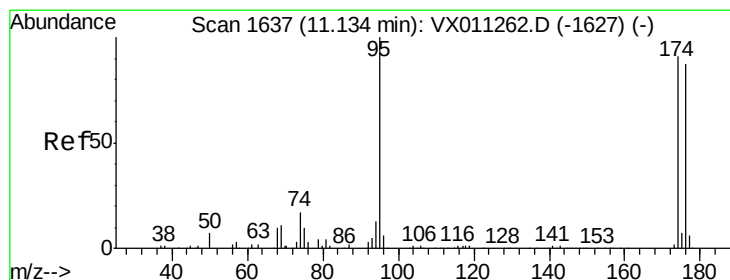
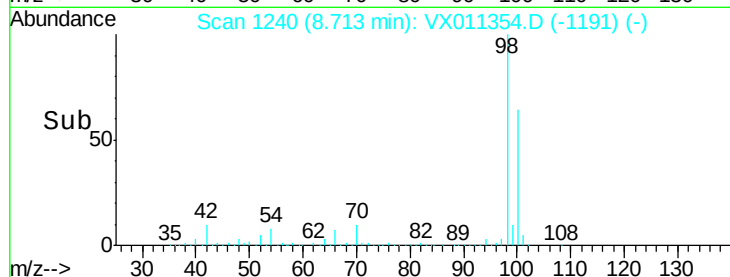
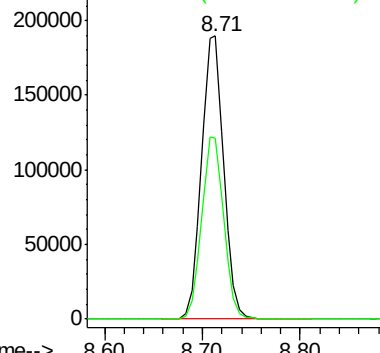
98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011354.D

Acq: 07 Aug 2019 11:29

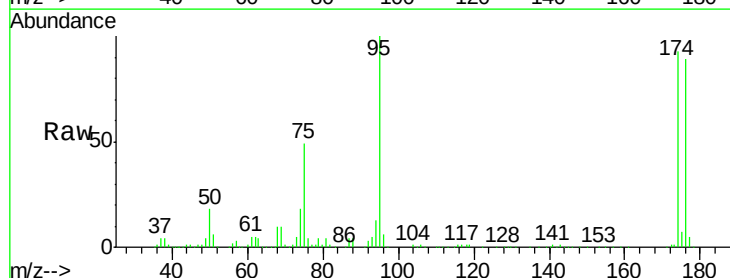
Tgt Ion: 95 Resp: 99161

Ion Ratio Lower Upper

95 100

174 92.1 0.0 191.2

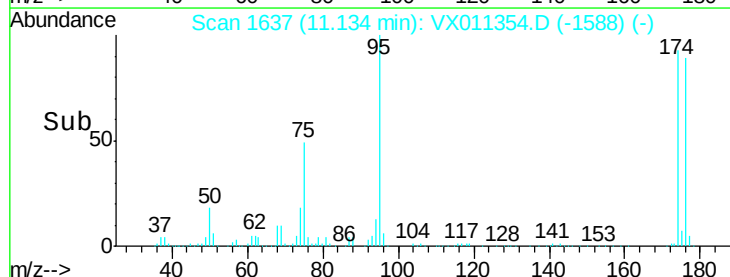
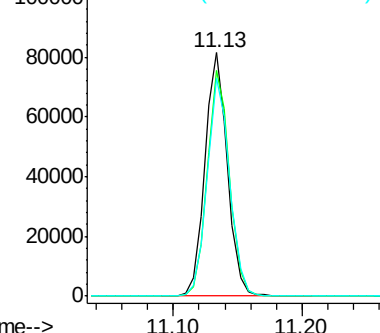
176 89.7 0.0 184.8

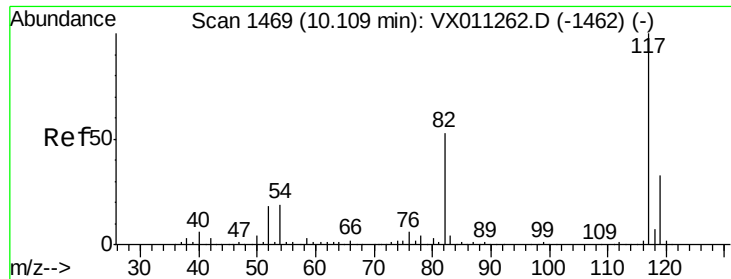


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

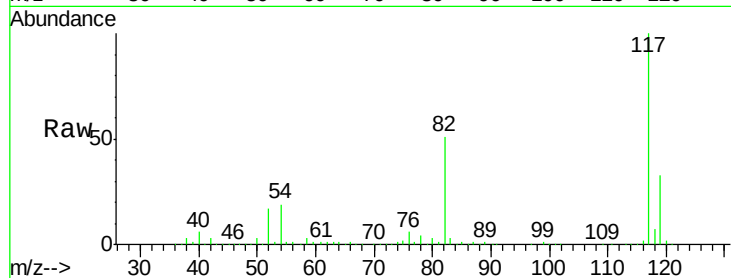




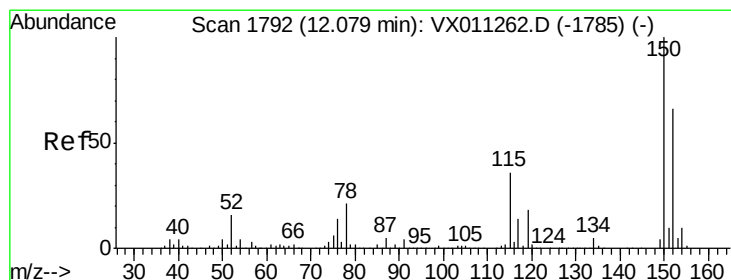
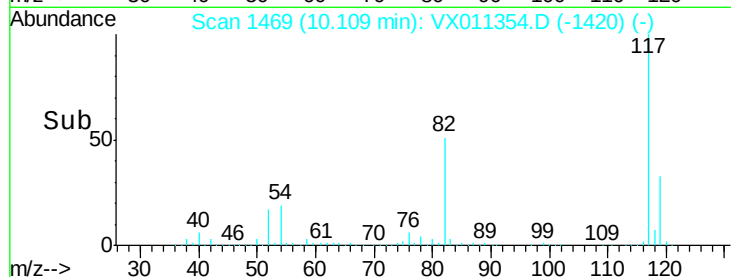
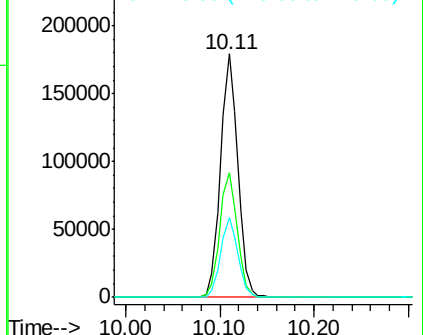
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011354.D
Acq: 07 Aug 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.2	63.2
119	32.6	26.6	39.8

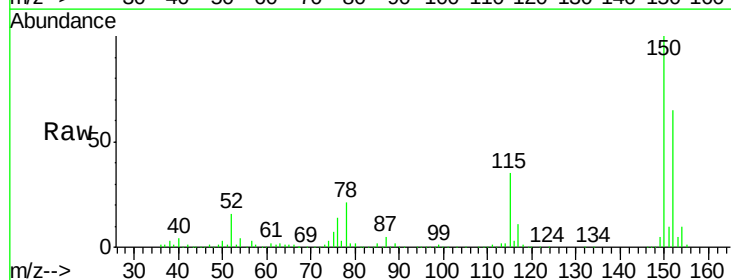


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011354.D
Acq: 07 Aug 2019 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	40.0	119.9
150	156.8	0.0	350.4



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

