

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012569.D
 Acq On : 20 Sep 2019 19:52
 Operator : JC/SP
 Sample : IBLK2
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK2

Quant Time: Sep 21 03:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	122750	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	5.48	113	86986	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	333034	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	118216	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	

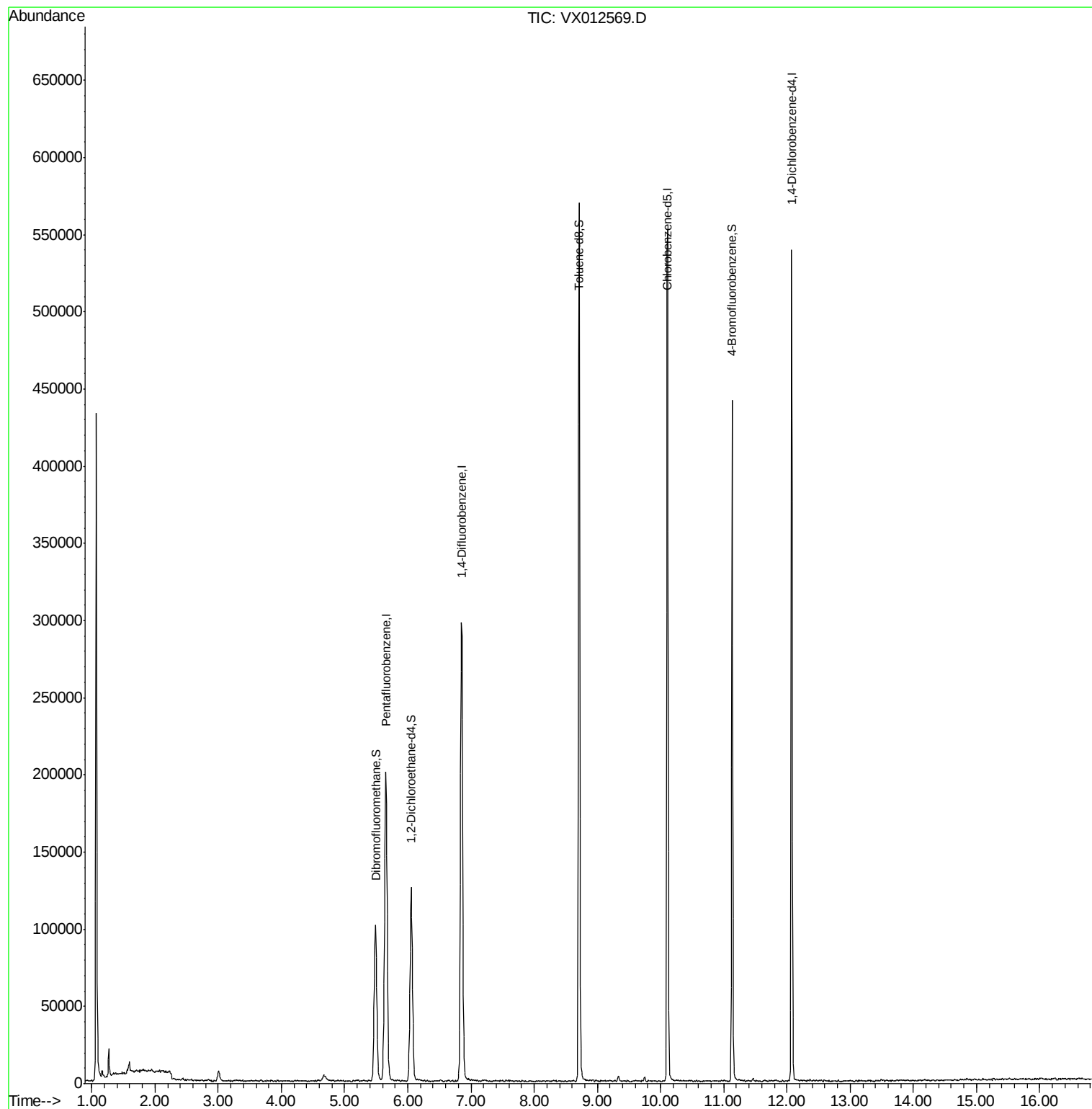
Target Compounds	Qvalue
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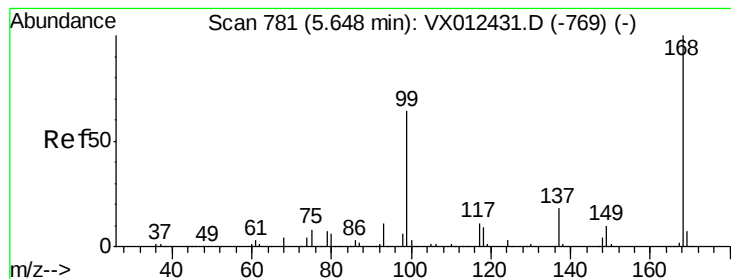
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012569.D

Acq: 20 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

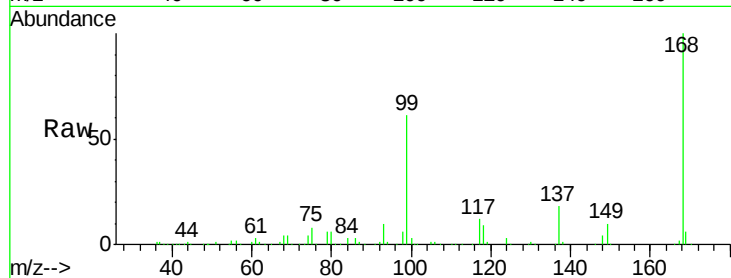
IBLK2

Tot Ion:168 Resp: 182350

Ion Ratio Lower Upper

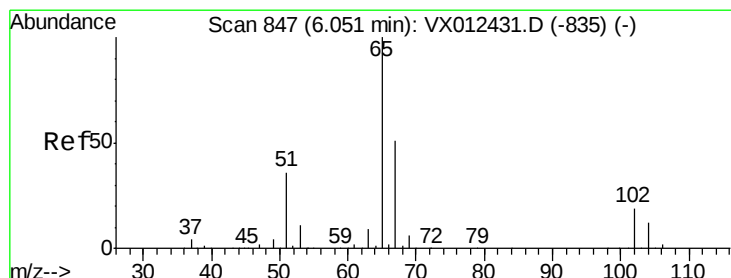
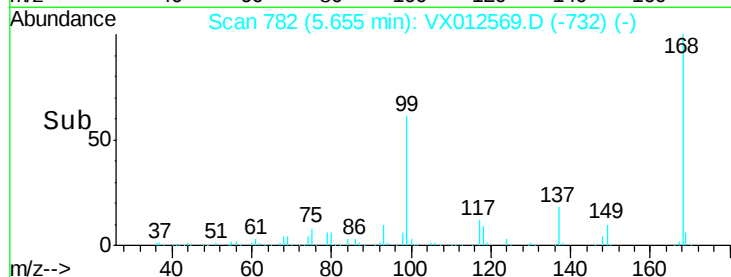
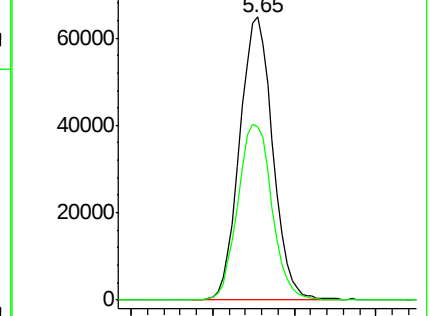
168 100

99 61.4 51.4 77.2



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: 46.969 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012569.D

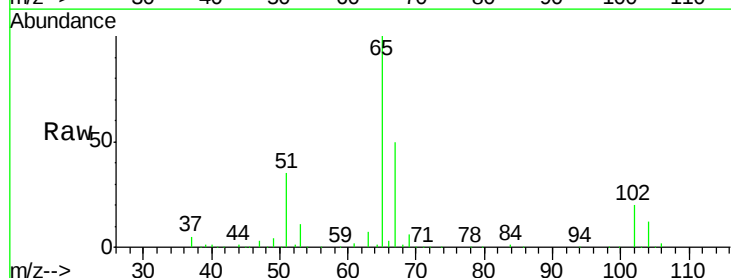
Acq: 20 Sep 2019 19:52

Tgt Ion: 65 Resp: 122750

Ion Ratio Lower Upper

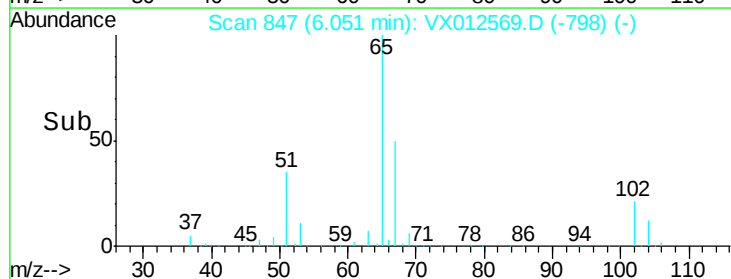
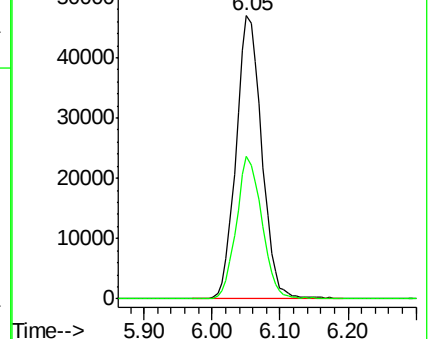
65 100

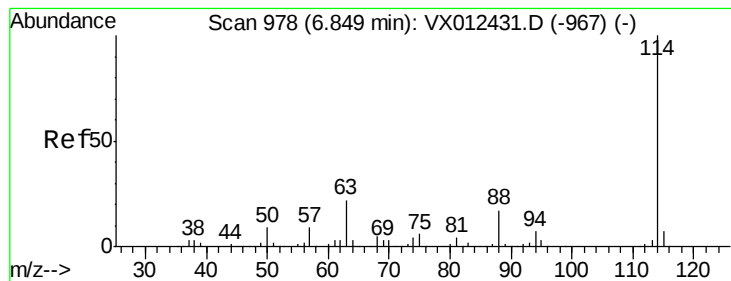
67 50.0 0.0 101.2



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# 978

Delta R.T. 0.00 min

Lab File: VX012569.D

Acq: 20 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK2

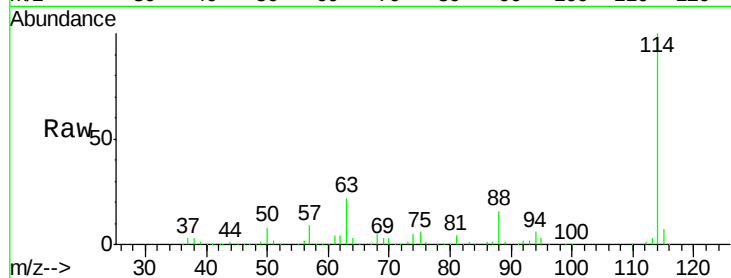
Tot Ion:114 Resp: 289570

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

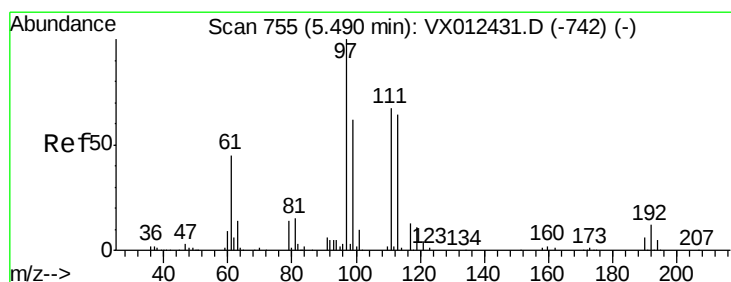
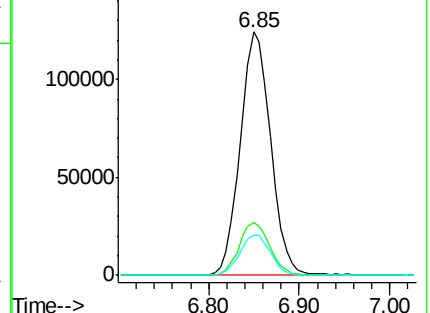
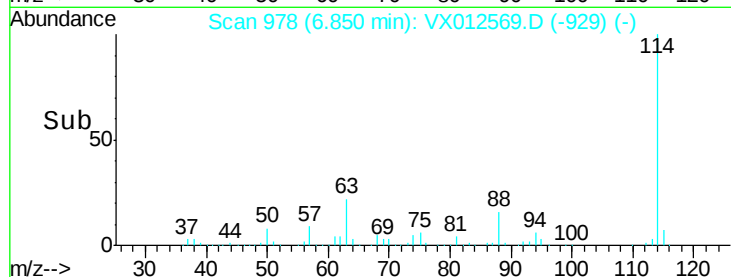
88 16.4 0.0 33.2



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: 49.631 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012569.D

Acq: 20 Sep 2019 19:52

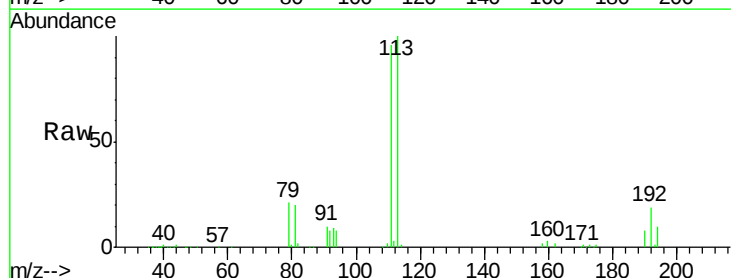
Tgt Ion:113 Resp: 86986

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

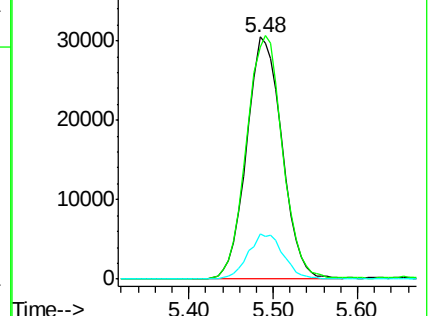
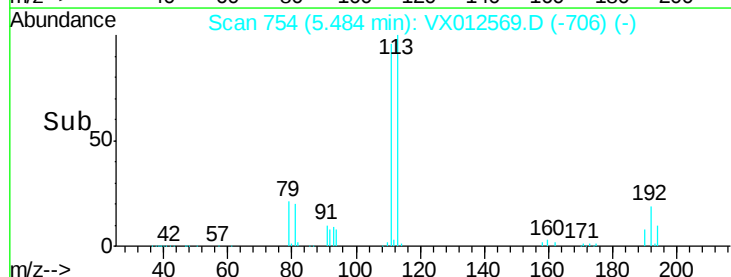
192 18.6 14.4 21.6

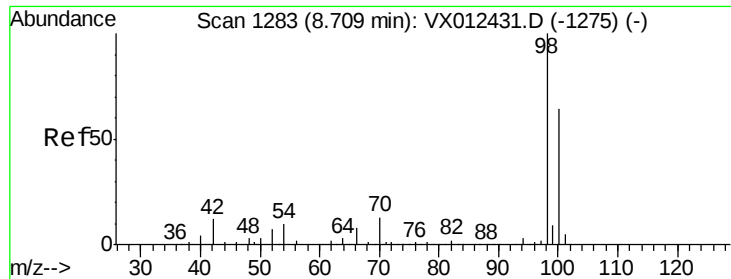


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

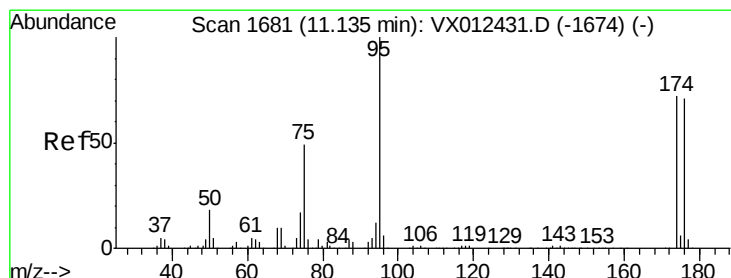
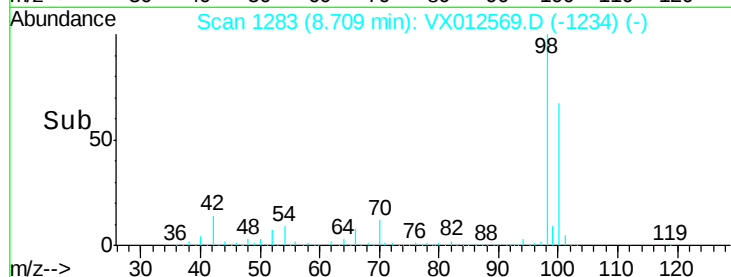
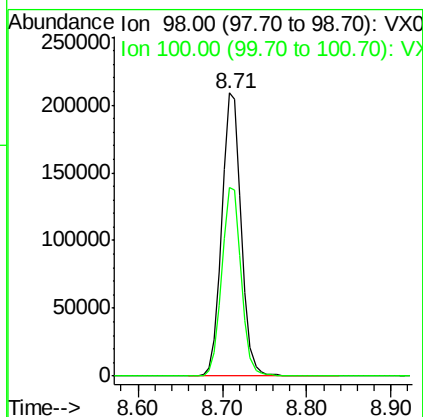
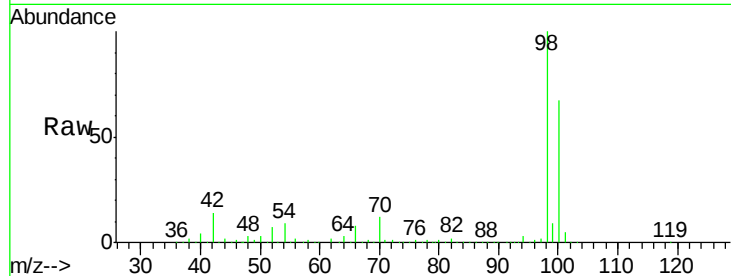




#50
Toluene-d8
Concen: 51.336 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012569.D
Acq: 20 Sep 2019 19:52

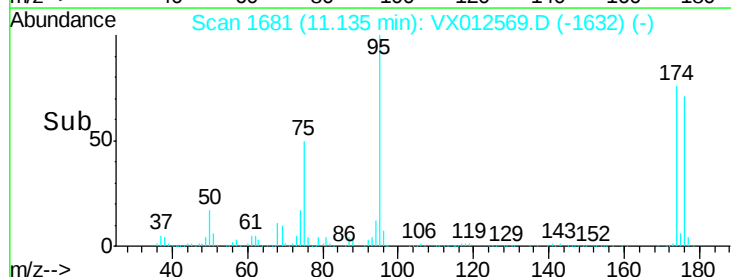
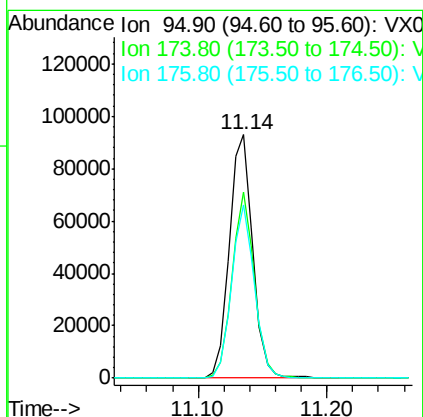
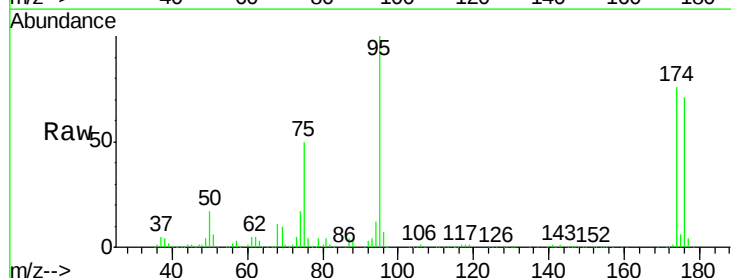
Instrument :
MSVOA_X
ClientSampleId :
IBLK2

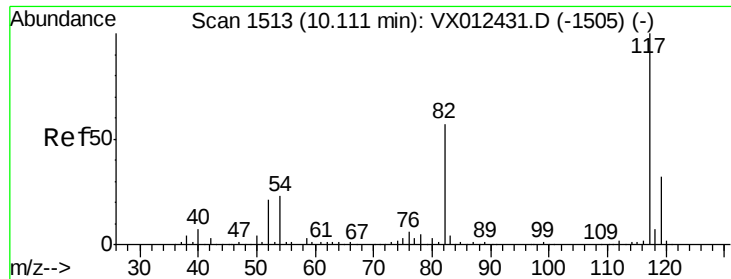
Tot Ion: 98 Resp: 333034
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 43.888 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012569.D
Acq: 20 Sep 2019 19:52

Tgt Ion: 95 Resp: 118216
Ion Ratio Lower Upper
95 100
174 73.3 0.0 140.0
176 69.8 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012569.D

Acq: 20 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK2

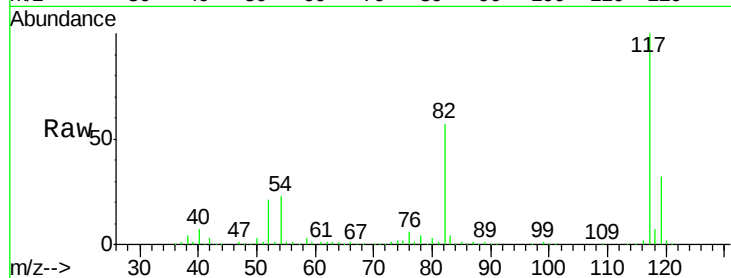
Tot Ion:117 Resp: 243097

Ion Ratio Lower Upper

117 100

82 57.0 45.9 68.9

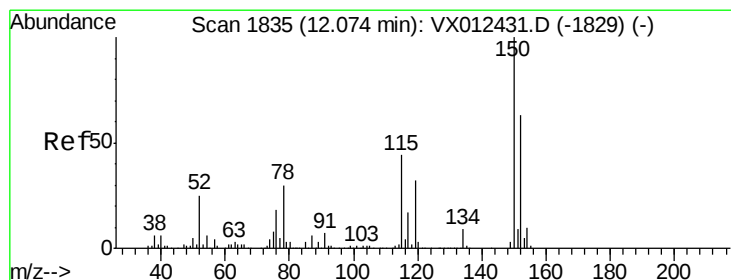
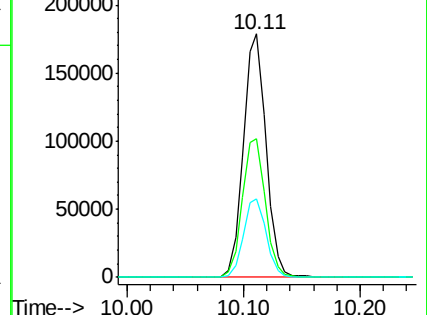
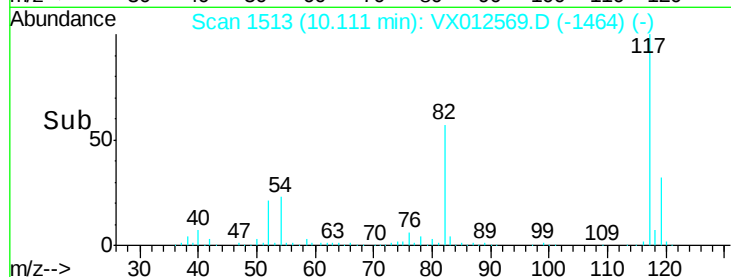
119 32.0 25.3 37.9



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: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012569.D

Acq: 20 Sep 2019 19:52

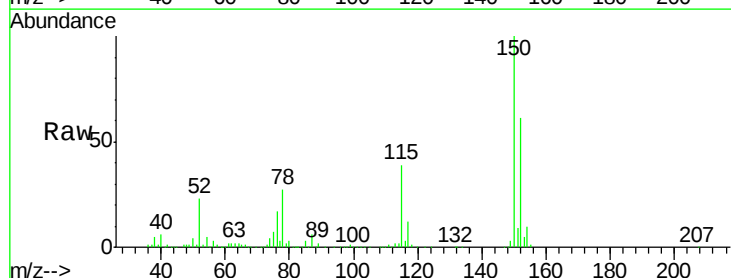
Tgt Ion:152 Resp: 100828

Ion Ratio Lower Upper

152 100

115 62.8 44.1 132.3

150 158.8 0.0 343.8



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

