

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013963.D
 Acq On : 12 Dec 2019 00:07
 Operator : JC/SP
 Sample : K6252-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20191209

Quant Time: Dec 12 06:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

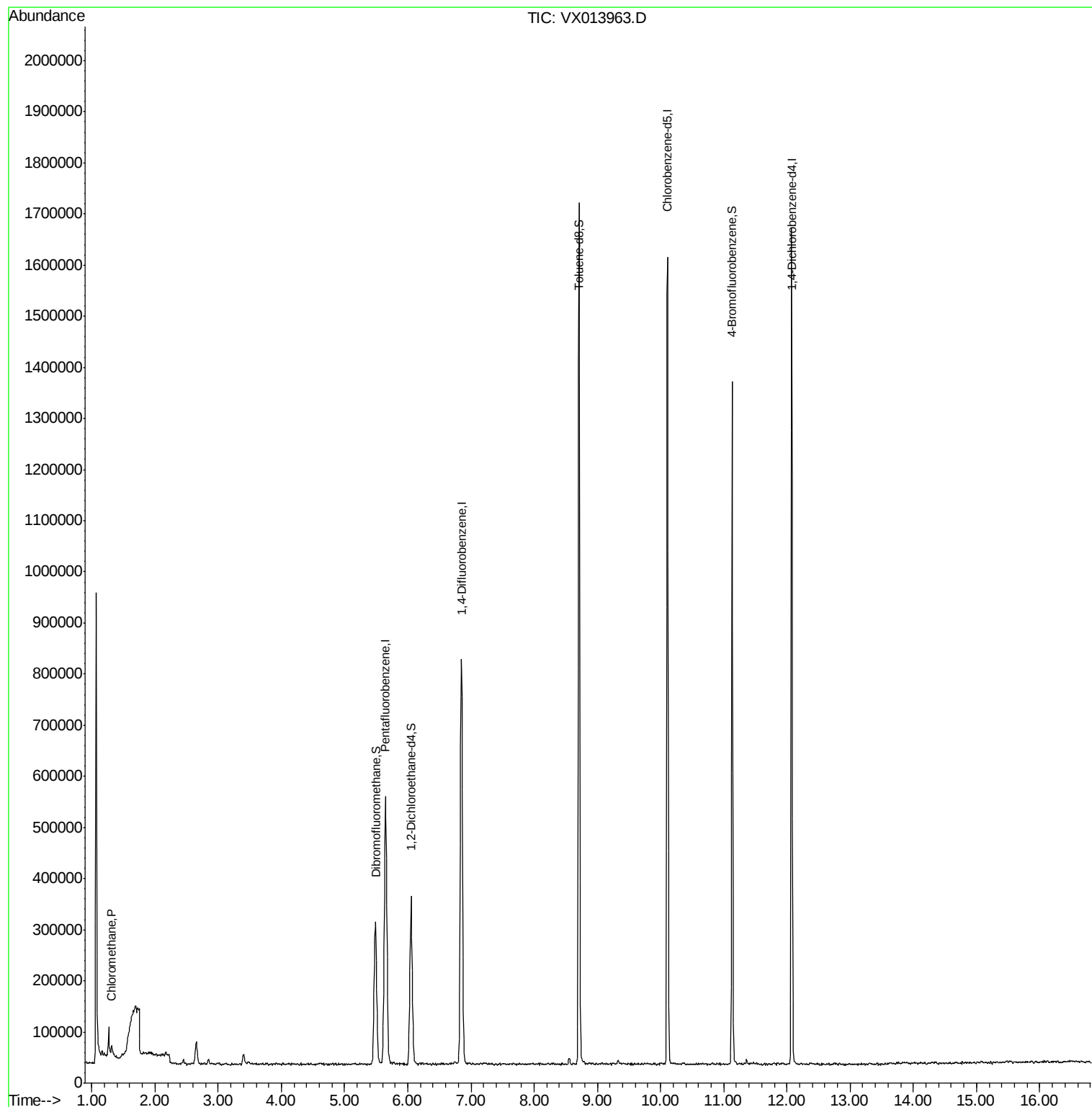
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	543486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	829365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	302047	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	5.49	113	241327	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.71	98	981081	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	338393	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
3) Chloromethane	1.31	50	7868	1.159	ug/l	Qvalue 97

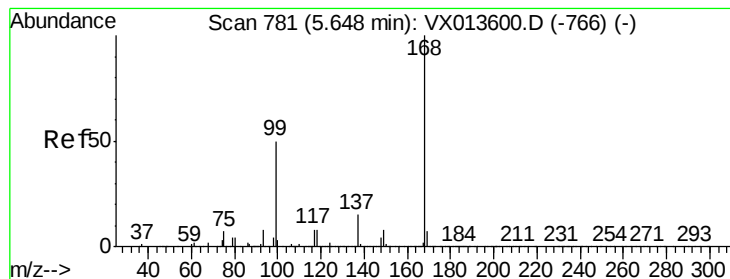
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013963.D

Acq: 12 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

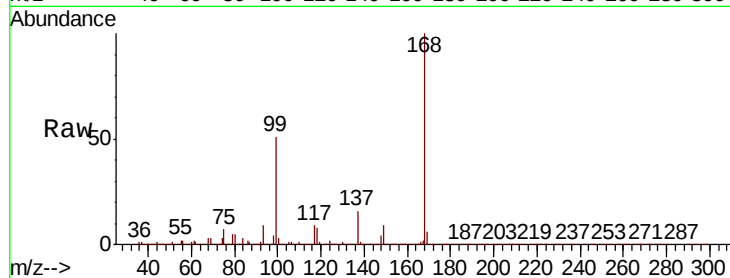
FB02-20191209

Tot Ion:168 Resp: 543486

Ion Ratio Lower Upper

168 100

99 50.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

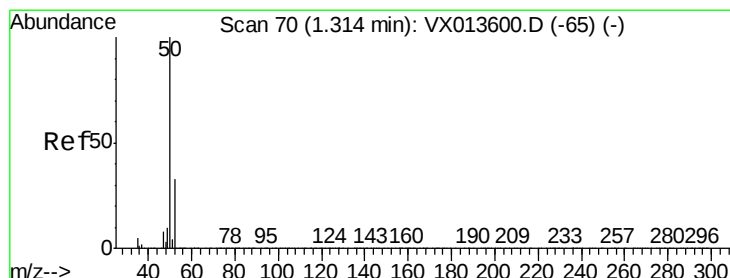
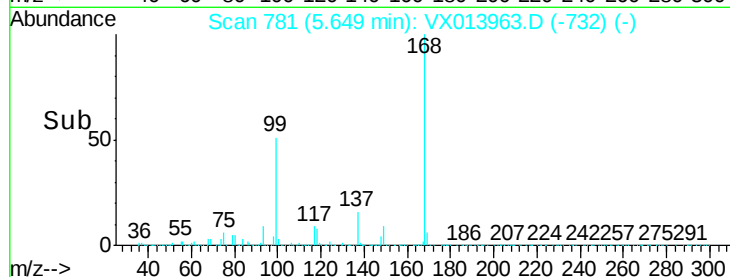
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.159 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013963.D

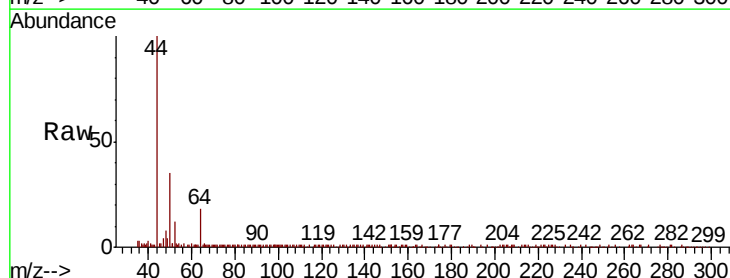
Acq: 12 Dec 2019 00:07

Tgt Ion: 50 Resp: 7868

Ion Ratio Lower Upper

50 100

52 30.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

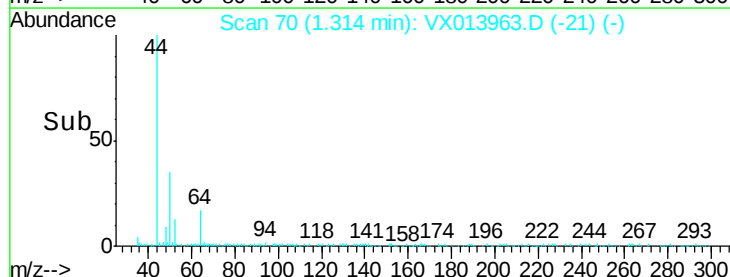
6000

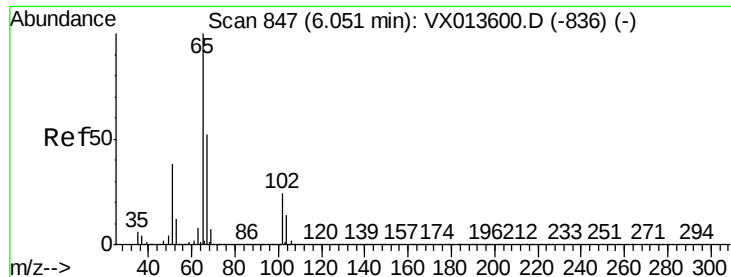
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013963.D

Acq: 12 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

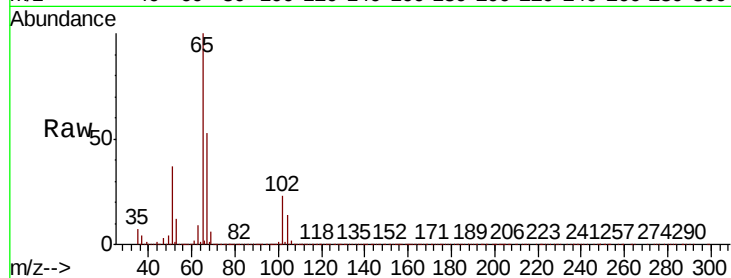
FB02-20191209

Tot Ion: 65 Resp: 302047

Ion Ratio Lower Upper

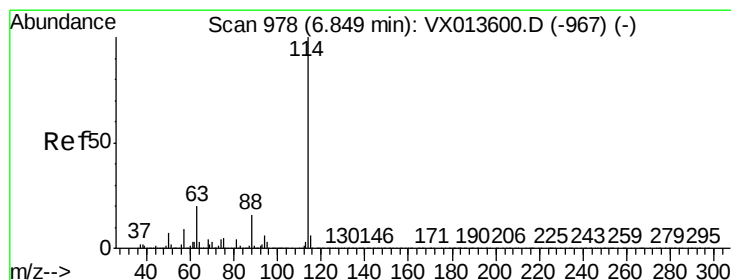
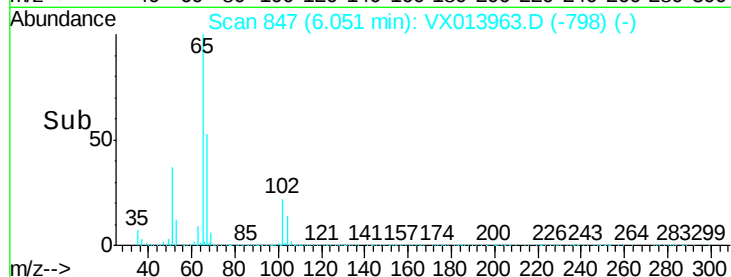
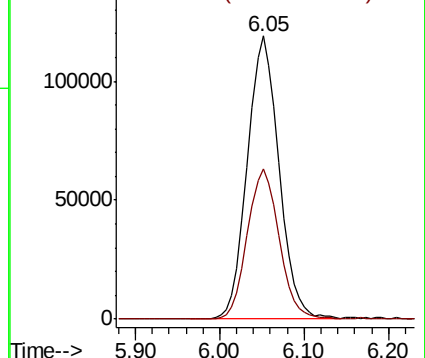
65 100

67 53.2 0.0 104.4



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: VX013963.D

Acq: 12 Dec 2019 00:07

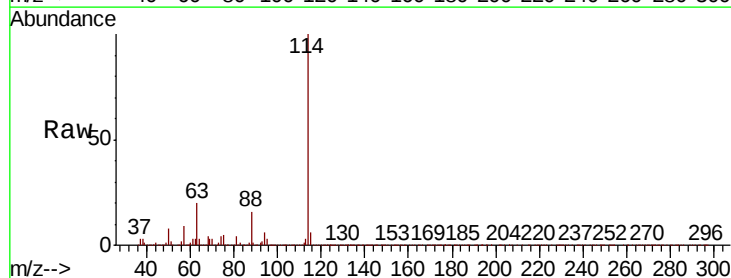
Tgt Ion: 114 Resp: 829365

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

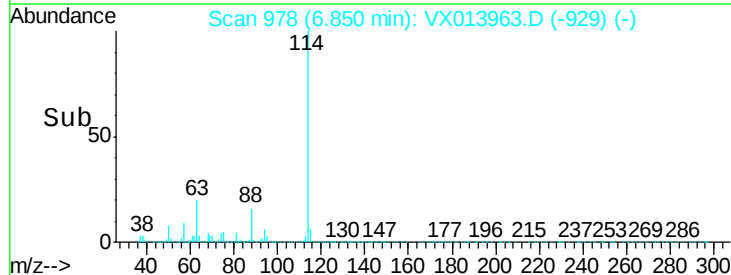
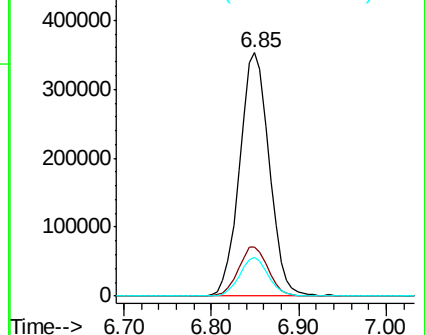
88 15.8 0.0 31.4

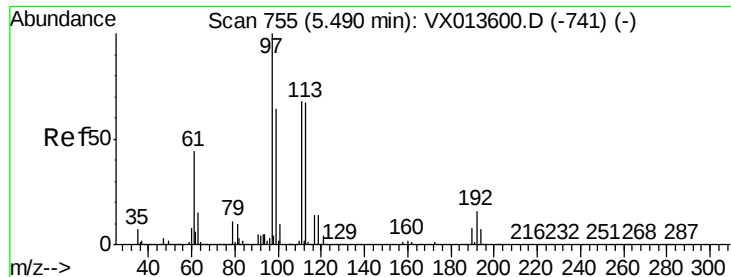


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.068 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013963.D

Acq: 12 Dec 2019 00:07

Instrument :

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ClientSampleId :

FB02-20191209

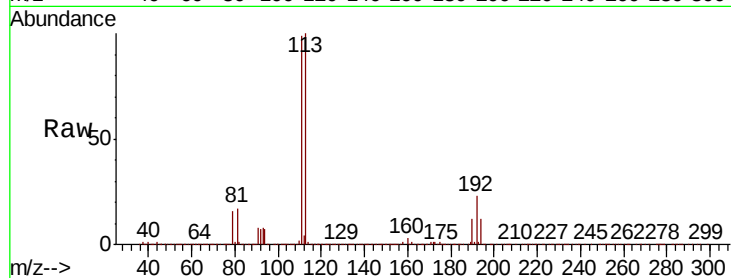
Tot Ion:113 Resp: 241327

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

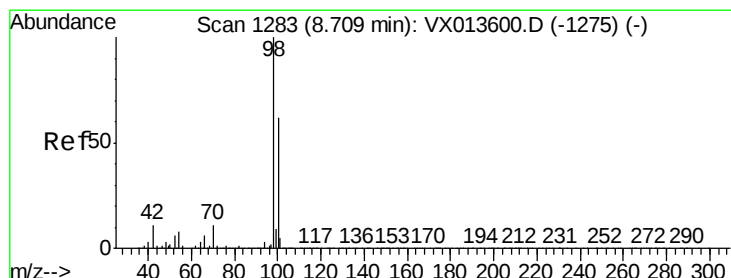
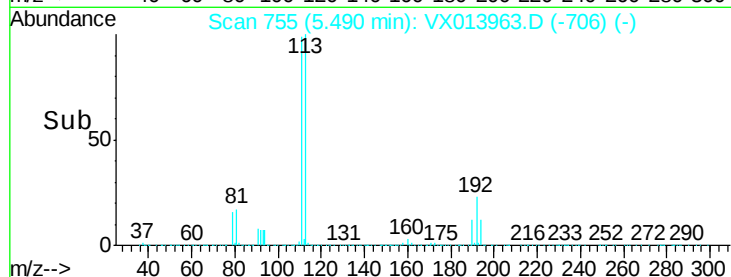
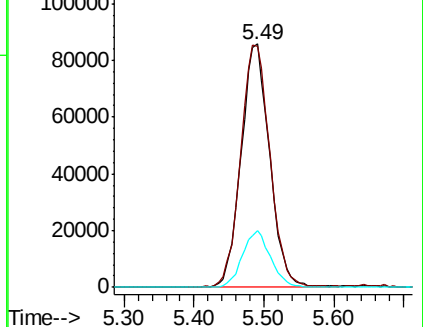
192 22.8 19.2 28.8



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: 49.112 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013963.D

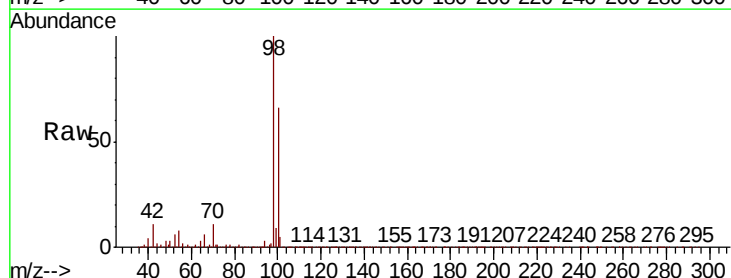
Acq: 12 Dec 2019 00:07

Tgt Ion: 98 Resp: 981081

Ion Ratio Lower Upper

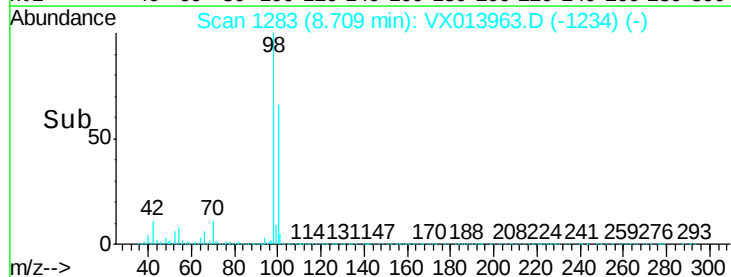
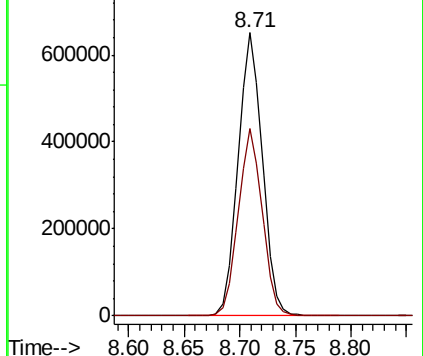
98 100

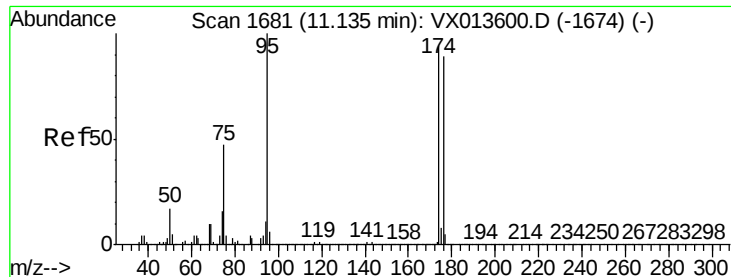
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.976 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013963.D

Acq: 12 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

FB02-20191209

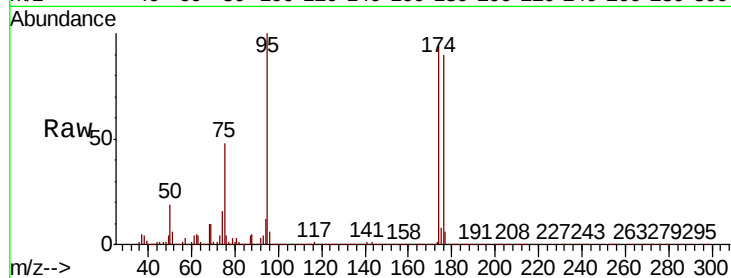
Tot Ion: 95 Resp: 338393

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

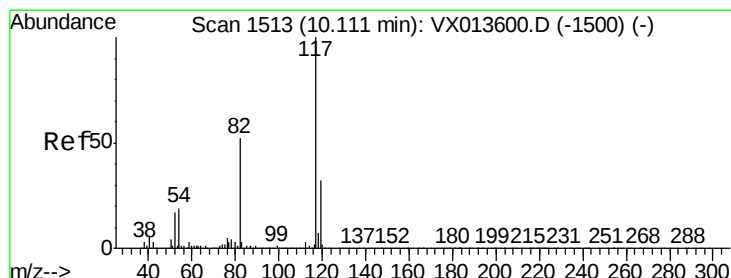
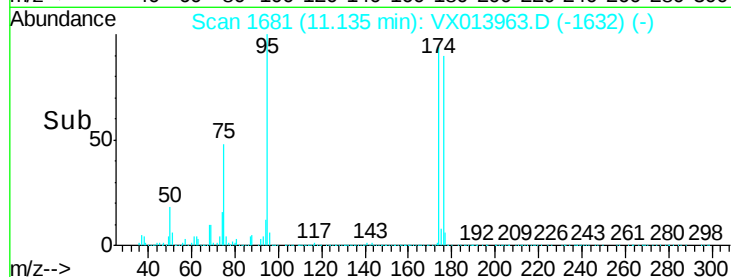
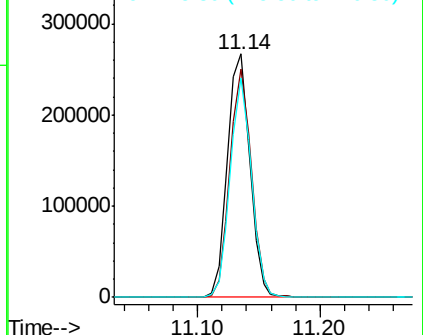
176 85.5 0.0 173.6



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# 1513

Delta R.T. 0.00 min

Lab File: VX013963.D

Acq: 12 Dec 2019 00:07

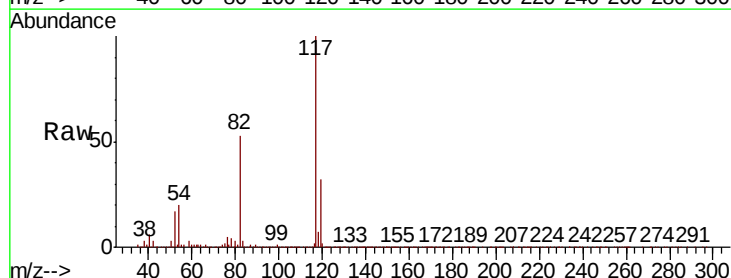
Tgt Ion: 117 Resp: 744874

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

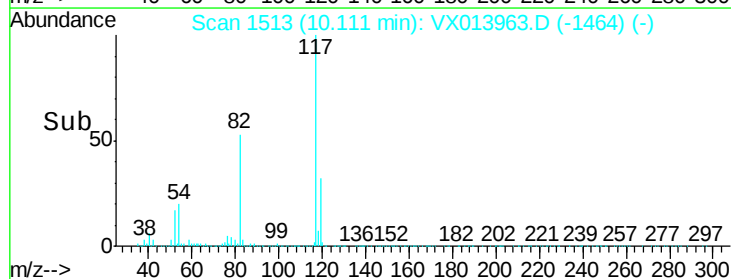
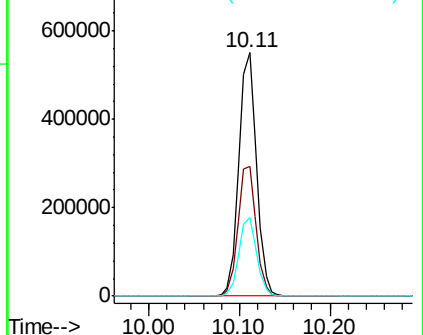
119 32.3 25.8 38.8

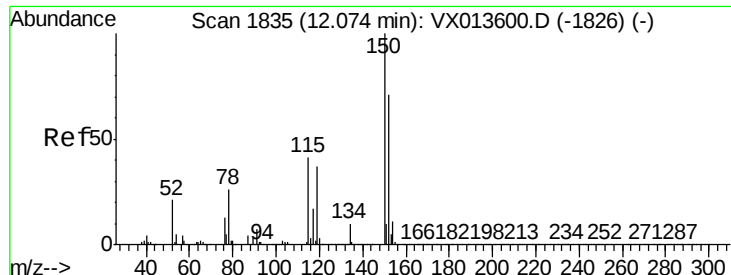


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013963.D

Acq: 12 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

FB02-20191209

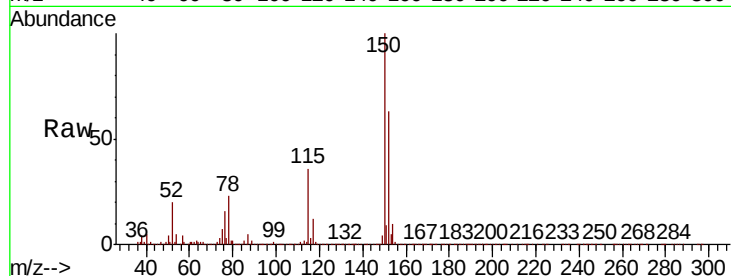
Tot Ion:152 Resp: 335653

Ion Ratio Lower Upper

152 100

115 55.9 38.4 115.1

150 154.8 0.0 346.8



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

