

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014106.D
 Acq On : 18 Dec 2019 18:54
 Operator : JC/SP
 Sample : K6369-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 19 03:47:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

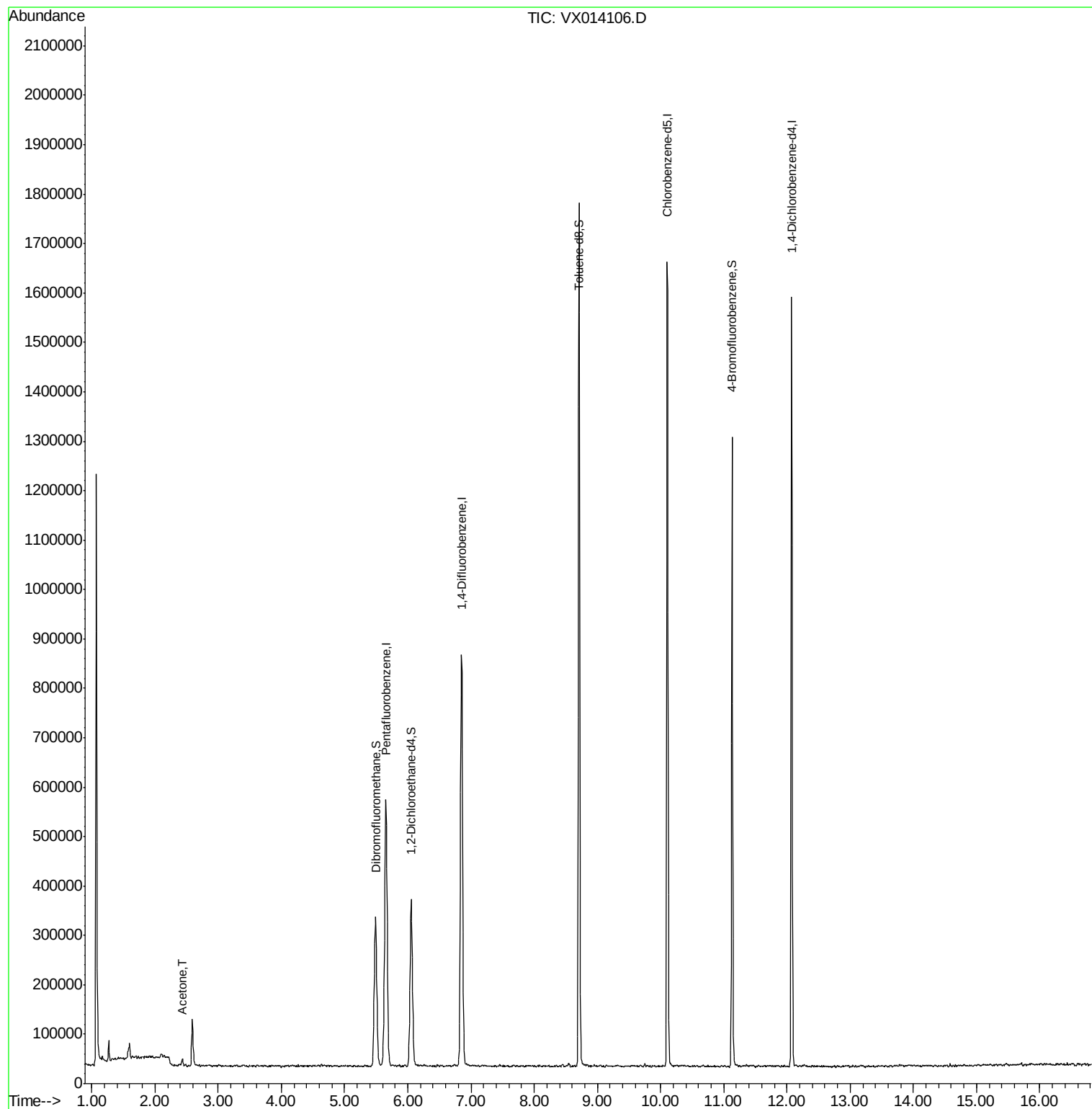
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	555733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	866248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	766824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	310792	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	5.49	113	255534	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1013780	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	337780	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds						
16) Acetone	2.43	43	16199	3.962	ug/l	Qvalue 98

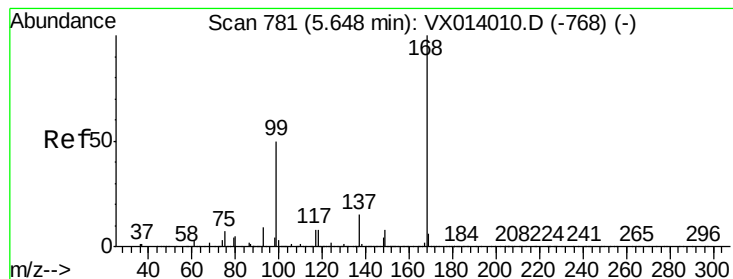
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014106.D

Acq: 18 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampled :

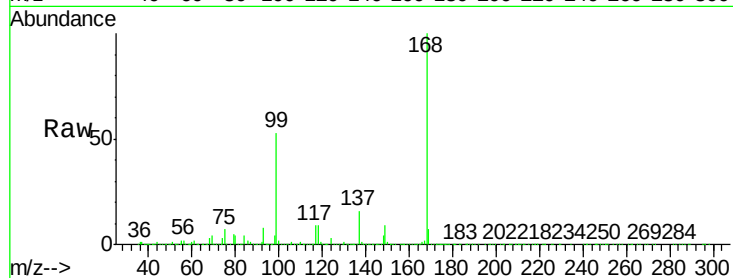
MW-3

Tot Ion:168 Resp: 555733

Ion Ratio Lower Upper

168 100

99 52.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

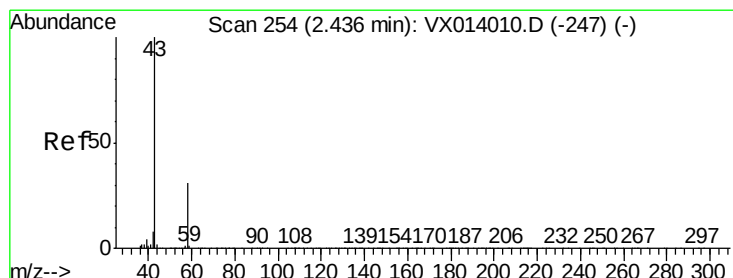
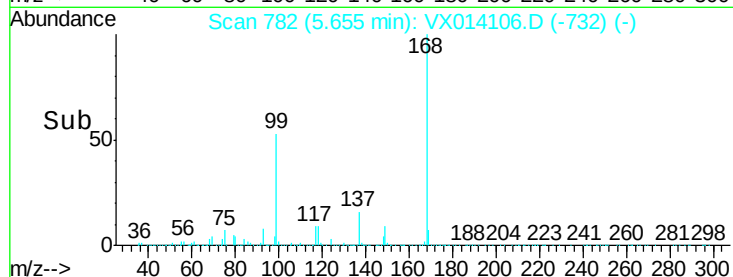
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.962 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014106.D

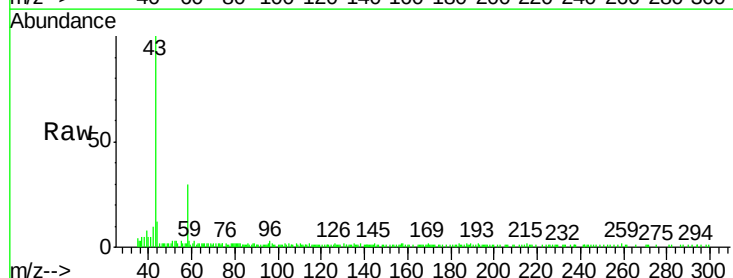
Acq: 18 Dec 2019 18:54

Tgt Ion: 43 Resp: 16199

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

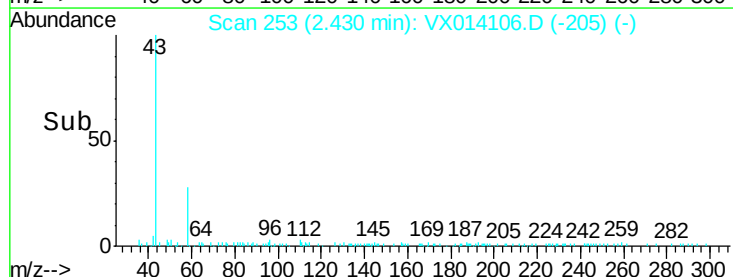
6000

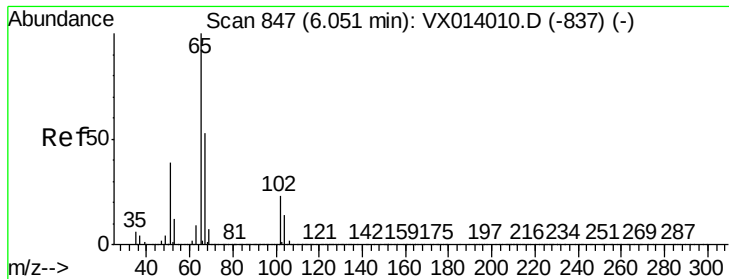
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.344 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014106.D

Acq: 18 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

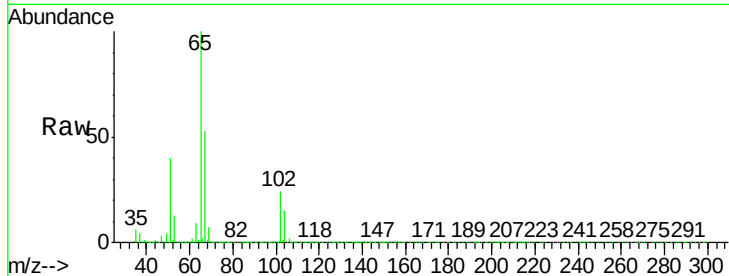
MW-3

Tot Ion: 65 Resp: 310792

Ion Ratio Lower Upper

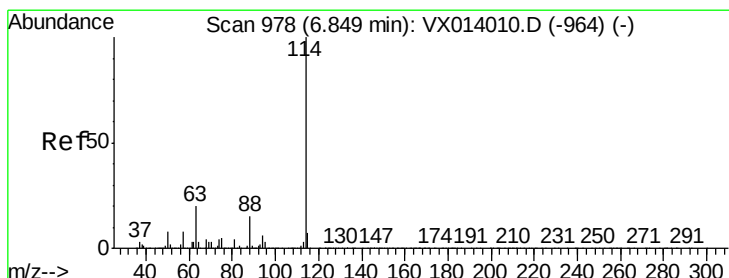
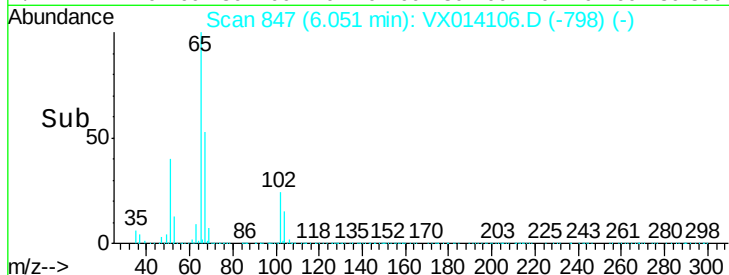
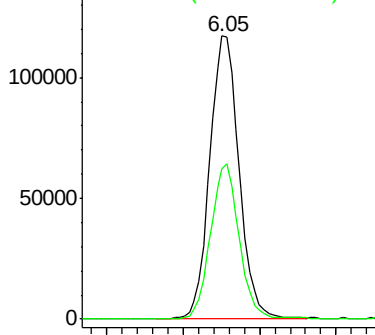
65 100

67 53.5 0.0 106.4



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: VX014106.D

Acq: 18 Dec 2019 18:54

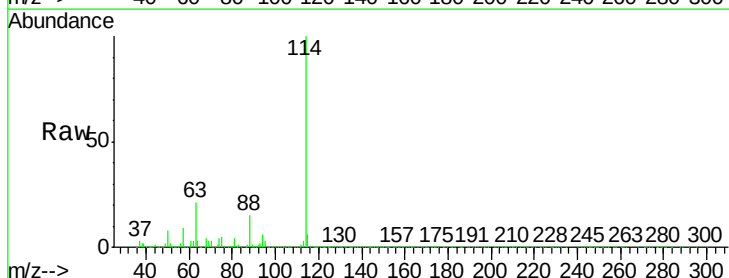
Tgt Ion: 114 Resp: 866248

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

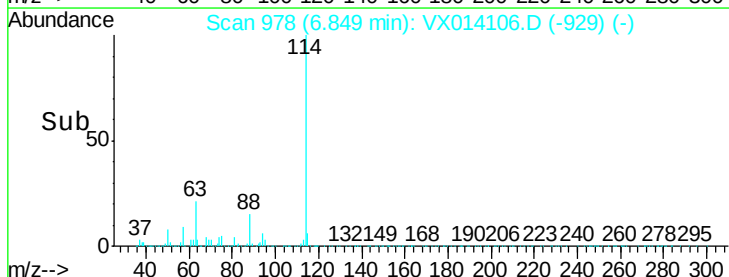
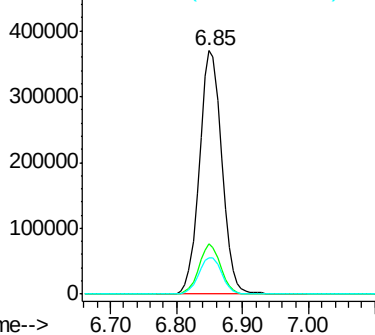
88 15.0 0.0 30.4

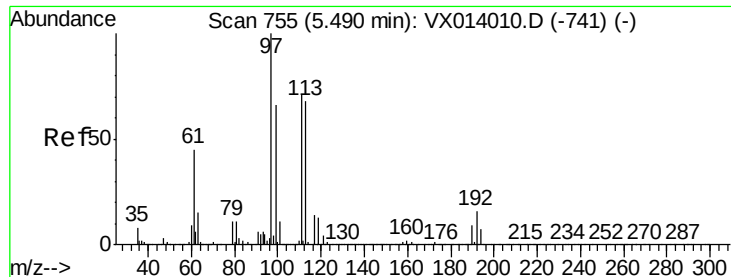


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.527 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014106.D

Acq: 18 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampled :

MW-3

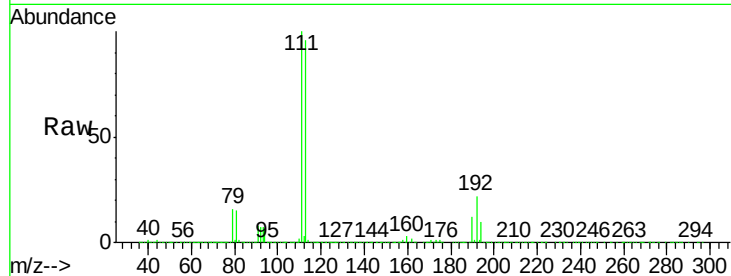
Tot Ion:113 Resp: 255534

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

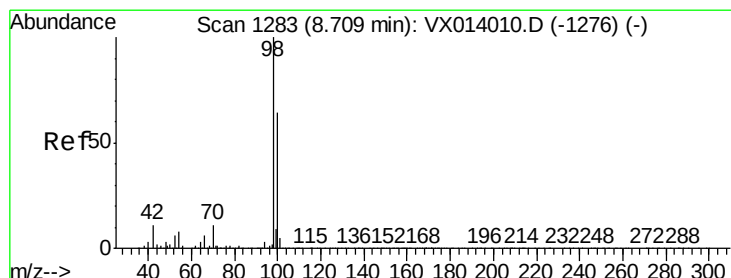
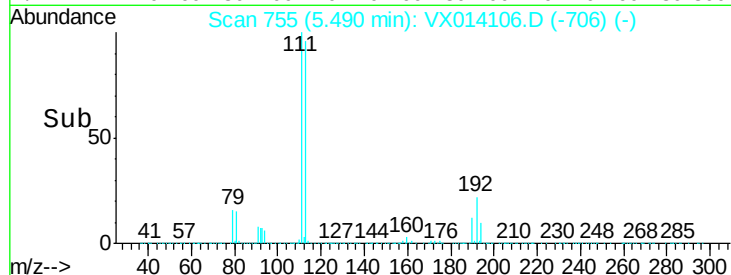
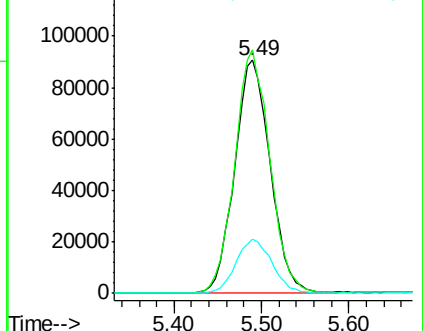
192 23.6 19.3 28.9



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: 49.450 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014106.D

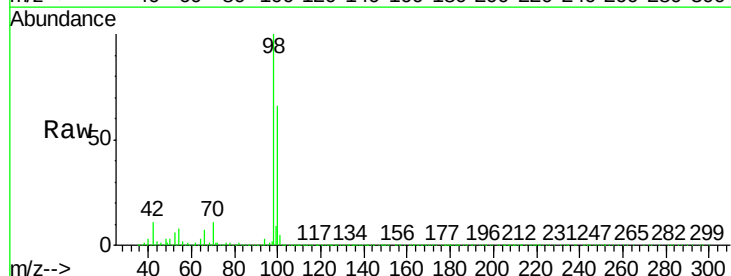
Acq: 18 Dec 2019 18:54

Tgt Ion: 98 Resp: 1013780

Ion Ratio Lower Upper

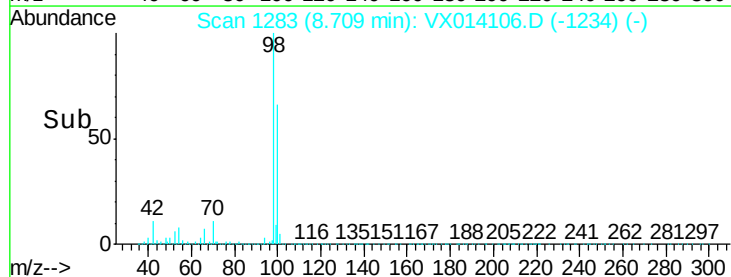
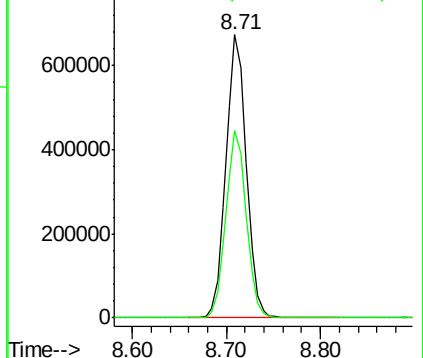
98 100

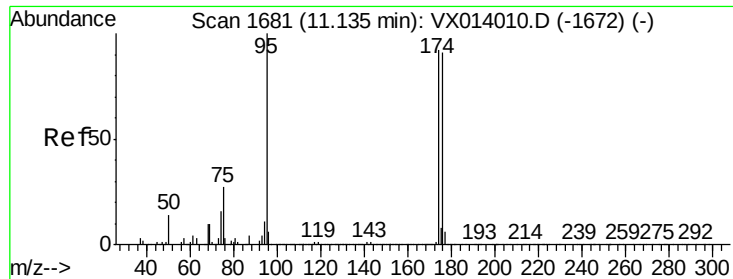
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.073 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014106.D

Acq: 18 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

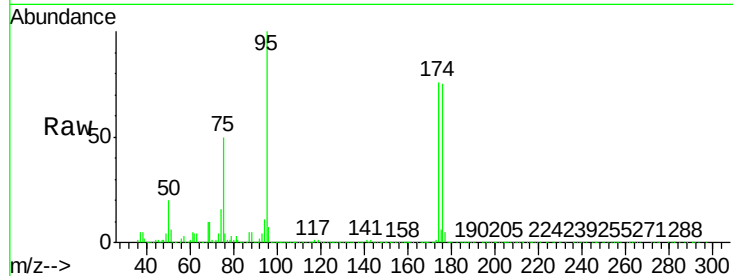
Tot Ion: 95 Resp: 337780

Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

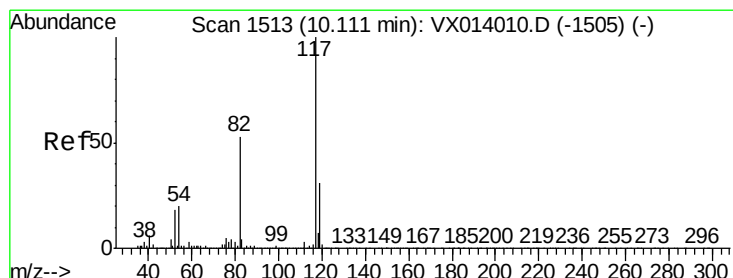
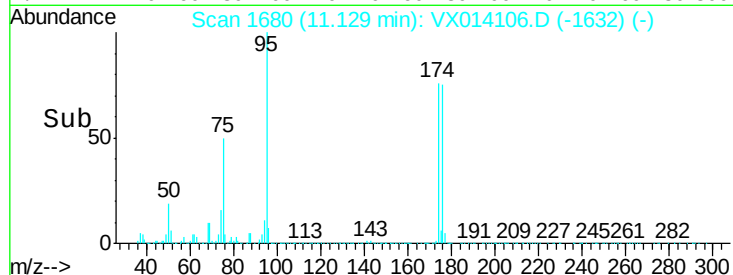
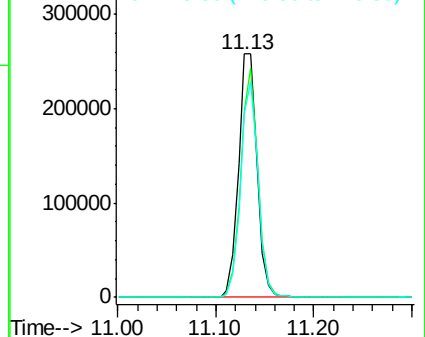
176 83.7 0.0 173.0



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: VX014106.D

Acq: 18 Dec 2019 18:54

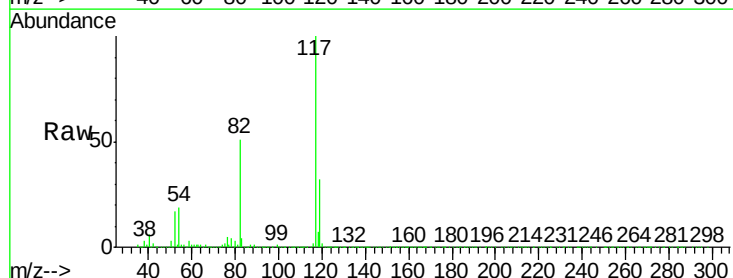
Tgt Ion: 117 Resp: 766824

Ion Ratio Lower Upper

117 100

82 51.2 42.2 63.4

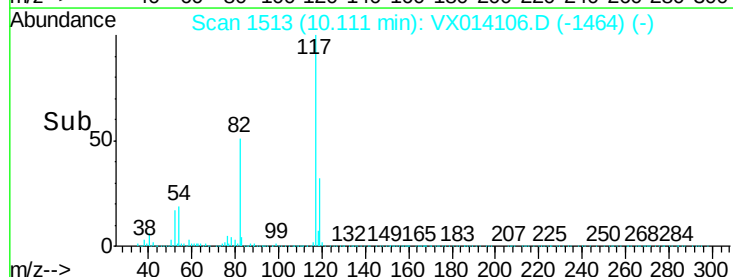
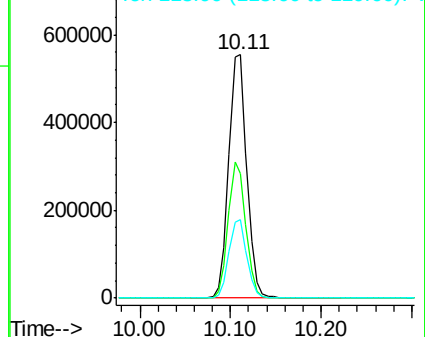
119 32.4 25.1 37.7

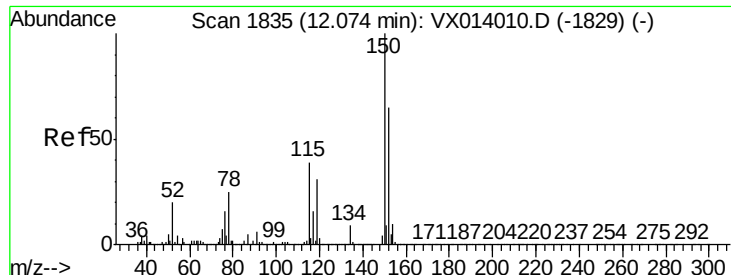


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014106.D

Acq: 18 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

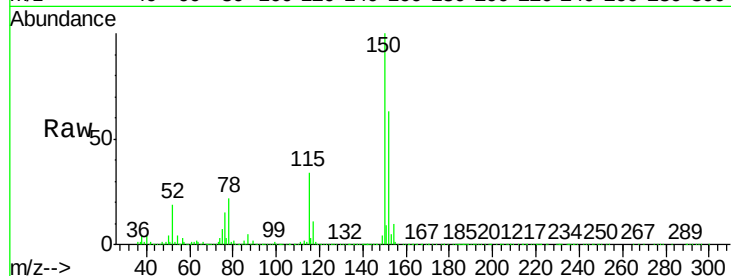
Tot Ion:152 Resp: 326529

Ion Ratio Lower Upper

152 100

115 55.4 38.3 114.9

150 155.2 0.0 345.4



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

