

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014180.D
 Acq On : 20 Dec 2019 17:36
 Operator : JC/SP
 Sample : K6377-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Dec 21 01:11:17 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

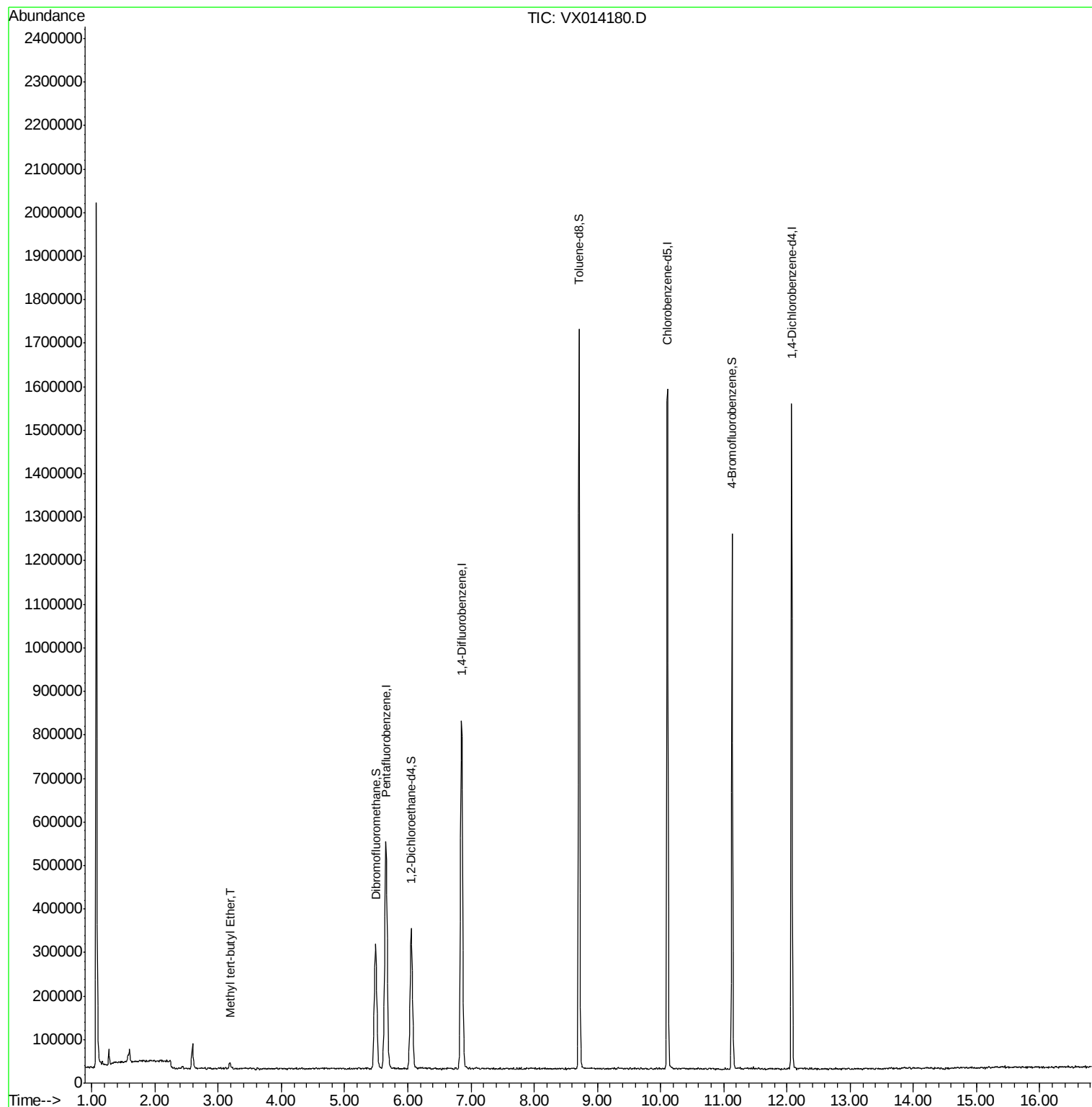
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	547379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	837982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	746197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	300798	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	246918	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	975913	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	325855	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	18497	1.069	ug/l #	84

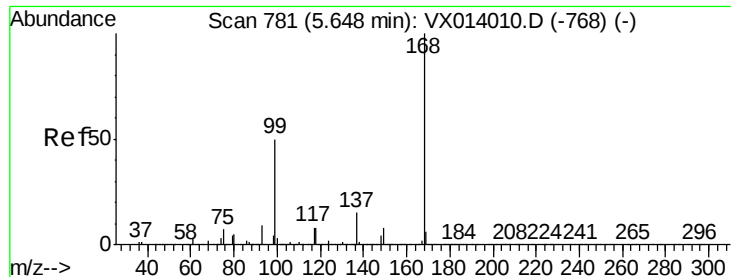
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX014180.D

Acq: 20 Dec 2019 17:36

Instrument :

MSVOA_X

ClientSampled :

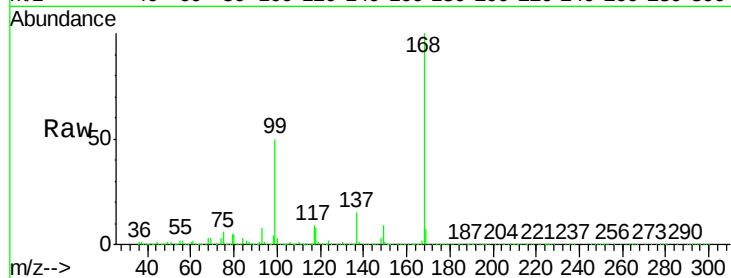
MW-5

Tot Ion:168 Resp: 547379

Ion Ratio Lower Upper

168 100

99 50.1 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

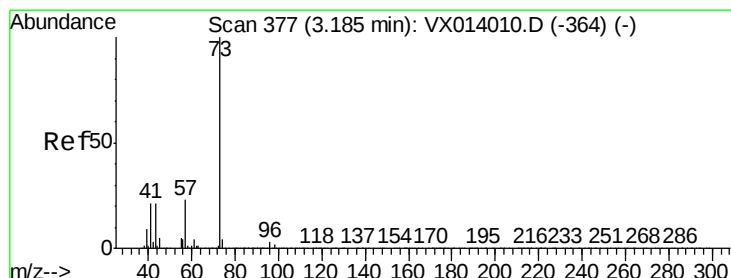
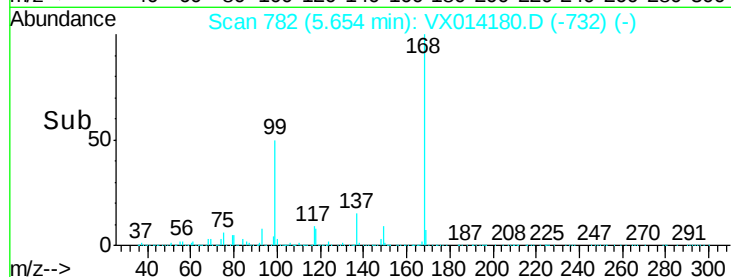
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.069 ug/l

RT: 3.19 min Scan# 378

Delta R.T. 0.01 min

Lab File: VX014180.D

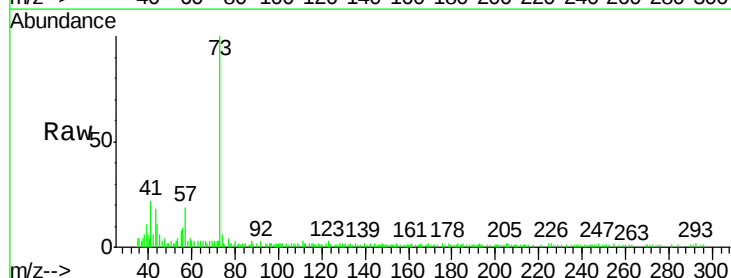
Acq: 20 Dec 2019 17:36

Tgt Ion: 73 Resp: 18497

Ion Ratio Lower Upper

73 100

57 15.6 18.8 28.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

8000

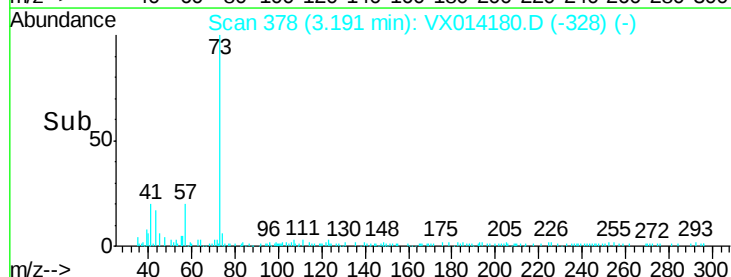
6000

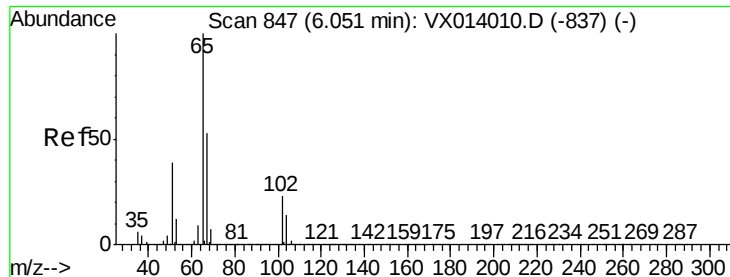
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.486 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014180.D

Acq: 20 Dec 2019 17:36

Instrument :

MSVOA_X

ClientSampled :

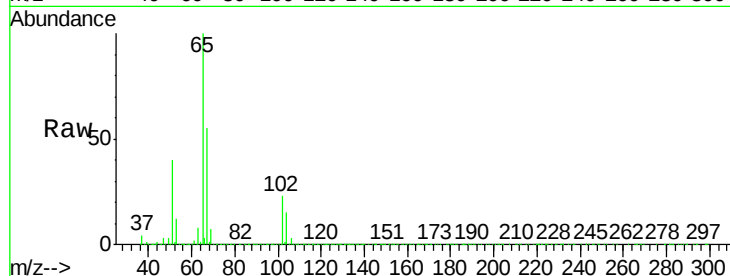
MW-5

Tot Ion: 65 Resp: 300798

Ion Ratio Lower Upper

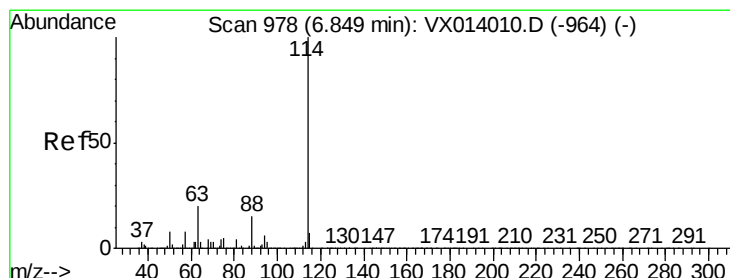
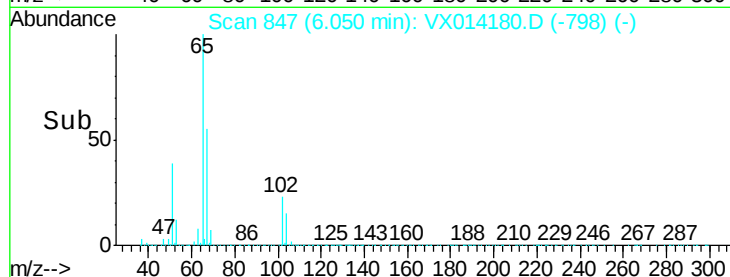
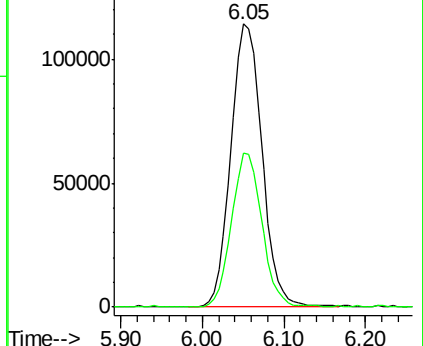
65 100

67 52.9 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: VX014180.D

Acq: 20 Dec 2019 17:36

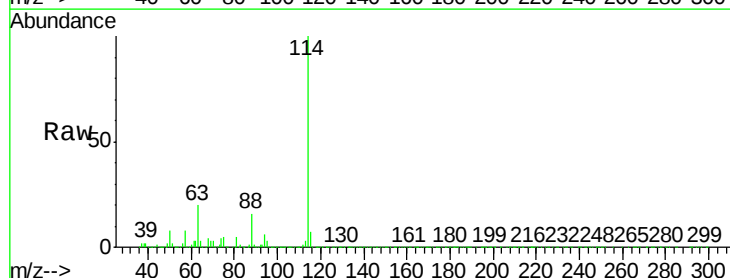
Tgt Ion: 114 Resp: 837982

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

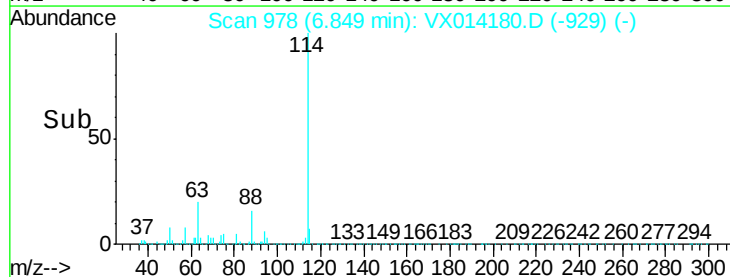
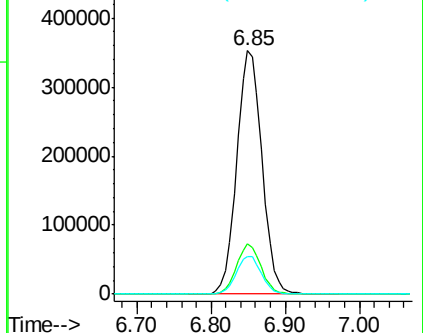
88 15.5 0.0 30.4

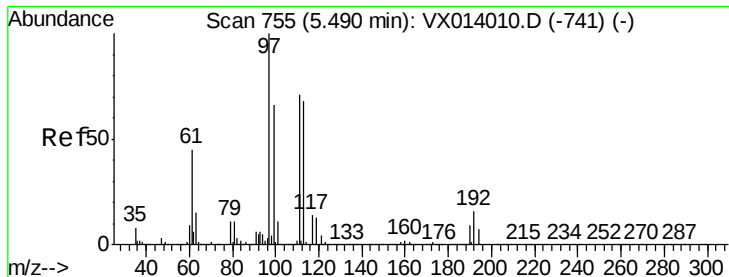


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.472 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014180.D

Acq: 20 Dec 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

MW-5

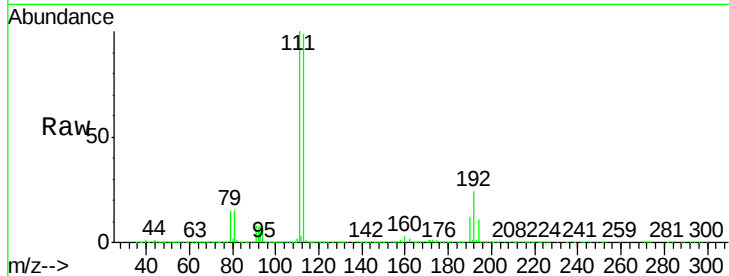
Tot Ion:113 Resp: 246918

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

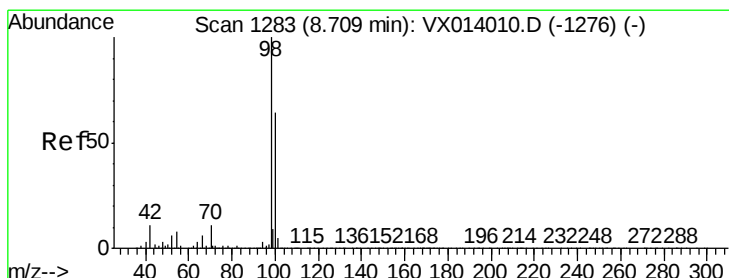
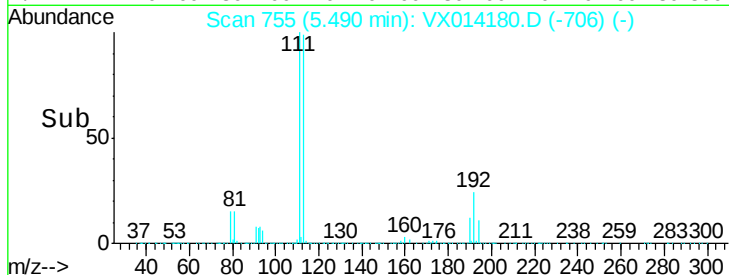
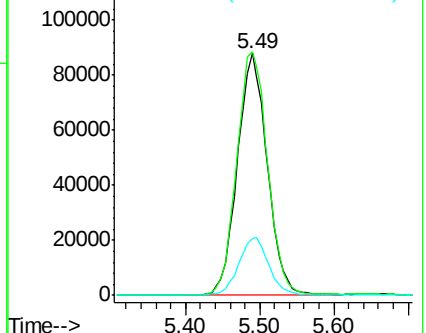
192 23.8 19.3 28.9



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: 49.208 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014180.D

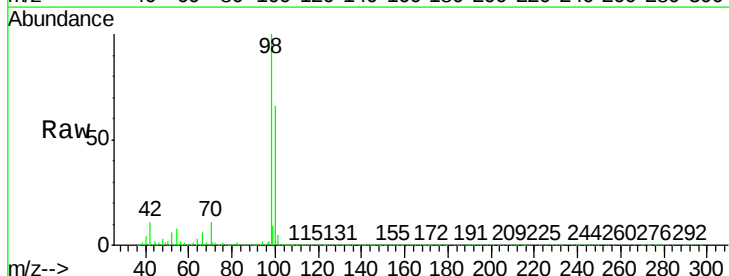
Acq: 20 Dec 2019 17:36

Tgt Ion: 98 Resp: 975913

Ion Ratio Lower Upper

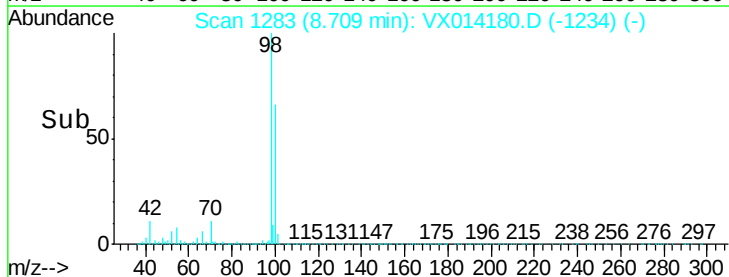
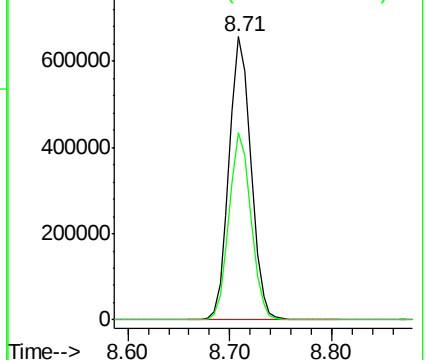
98 100

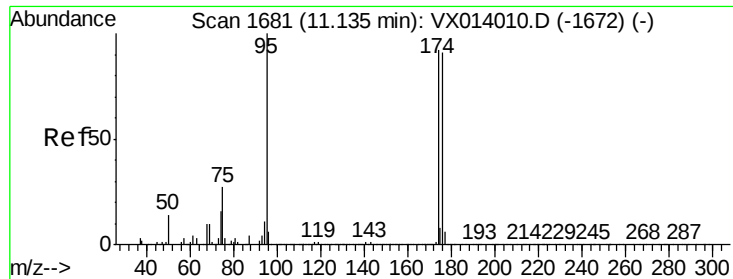
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.948 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014180.D

Acq: 20 Dec 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

MW-5

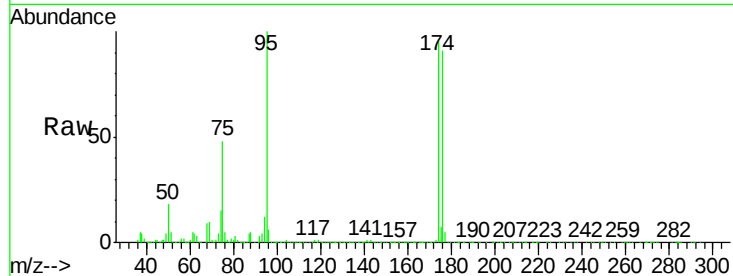
Tot Ion: 95 Resp: 325855

Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

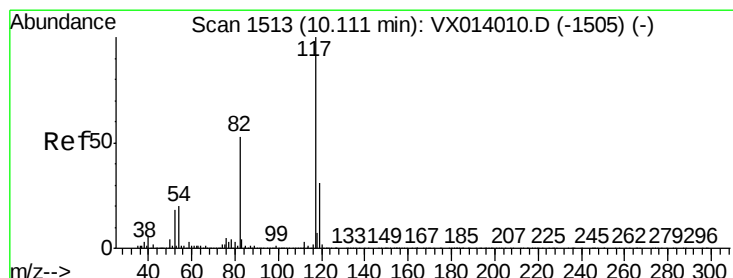
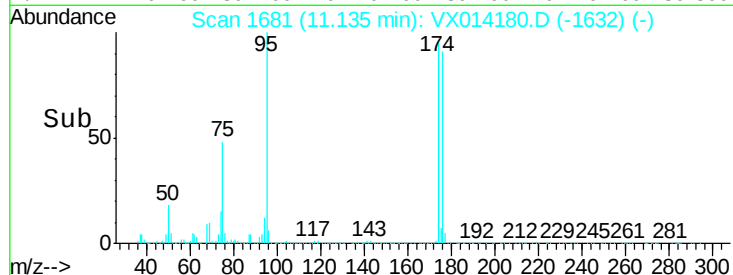
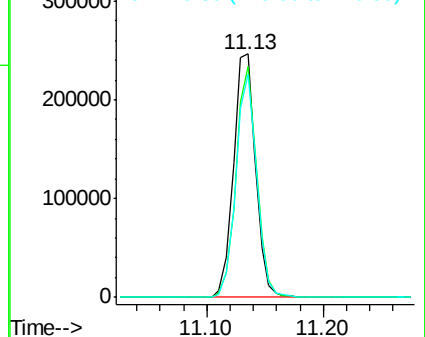
176 87.1 0.0 173.0



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: VX014180.D

Acq: 20 Dec 2019 17:36

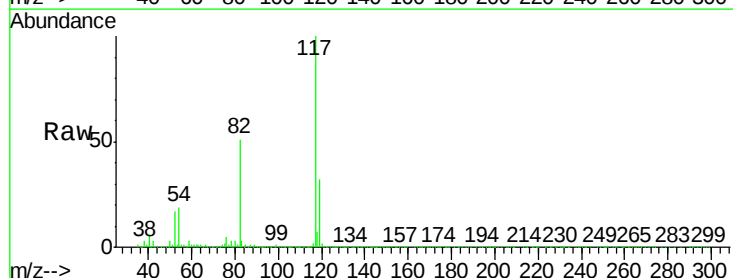
Tgt Ion: 117 Resp: 746197

Ion Ratio Lower Upper

117 100

82 50.8 42.2 63.4

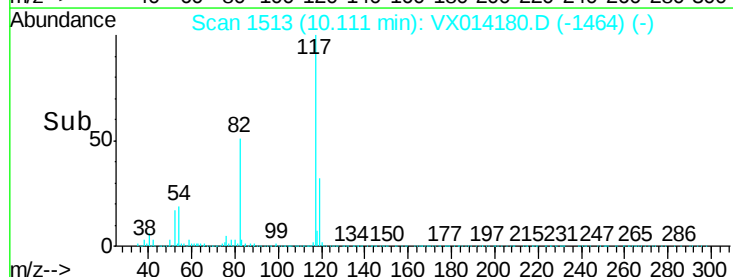
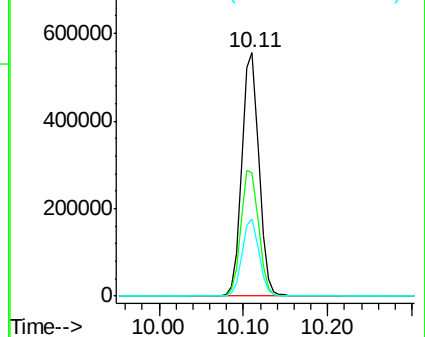
119 31.8 25.1 37.7

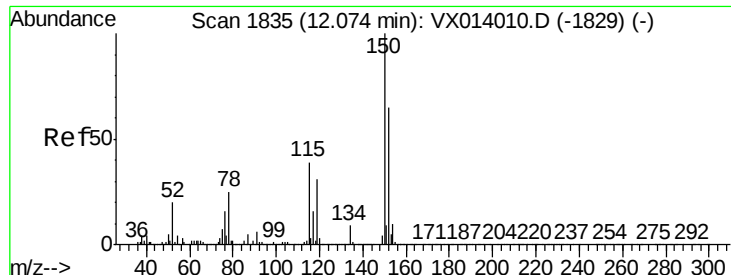


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014180.D

Acq: 20 Dec 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

MW-5

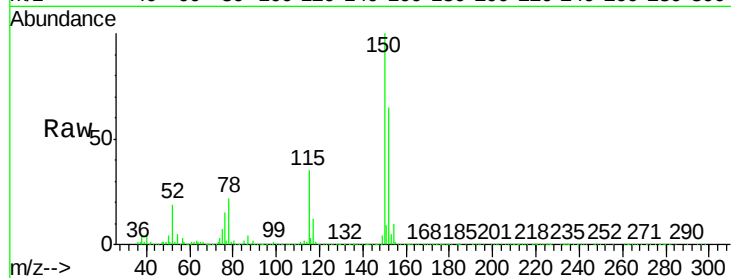
Tot Ion:152 Resp: 328456

Ion Ratio Lower Upper

152 100

115 55.1 38.3 114.9

150 156.2 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

