

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009776.D
 Acq On : 22 May 2019 03:27
 Operator : JC/SP
 Sample : K2953-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B_R2

Quant Time: May 22 08:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

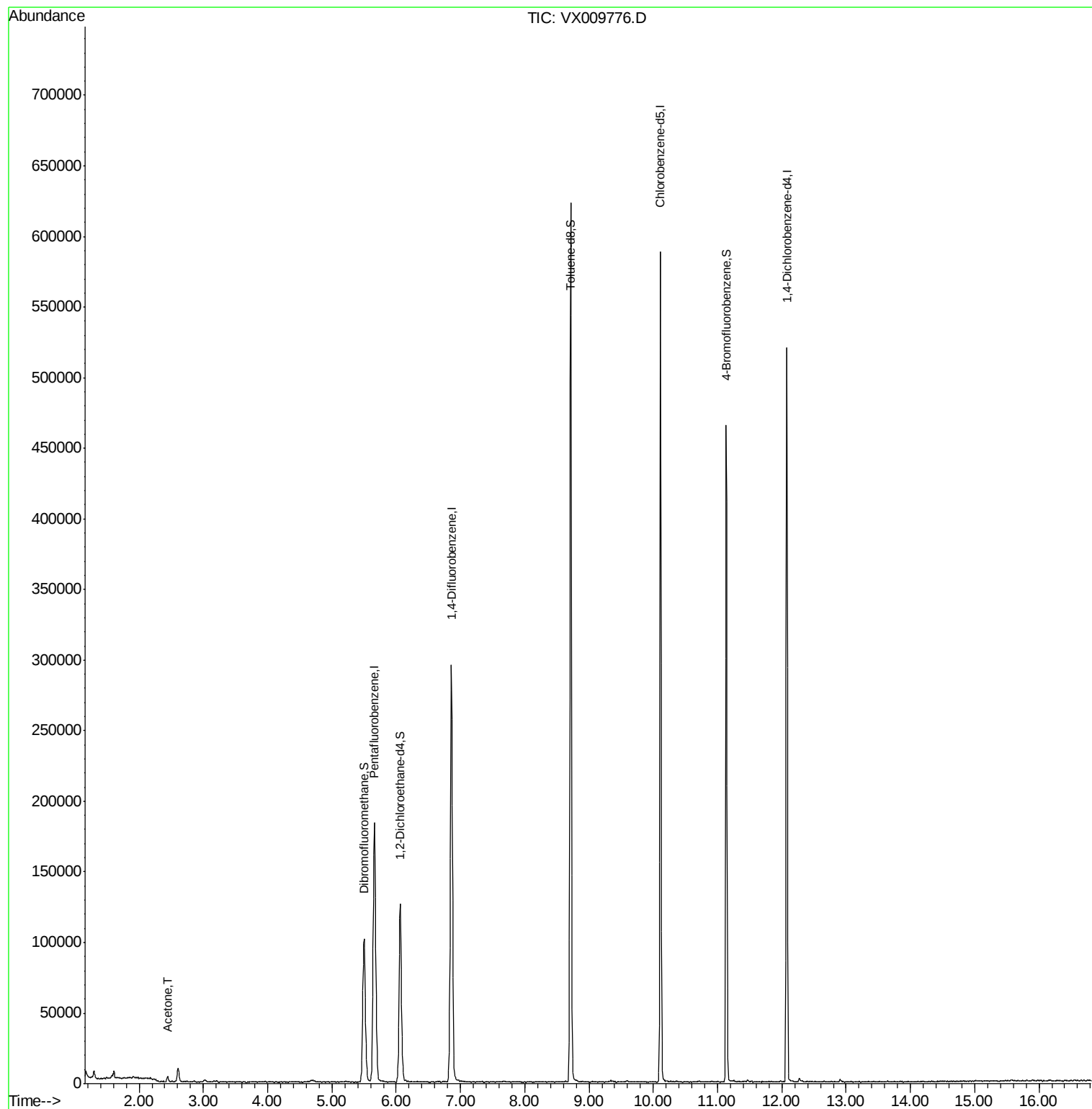
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120064	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	86147	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.71	98	356332	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	118176	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
16) Acetone	2.45	43	4071	3.172	ug/l	Qvalue 95

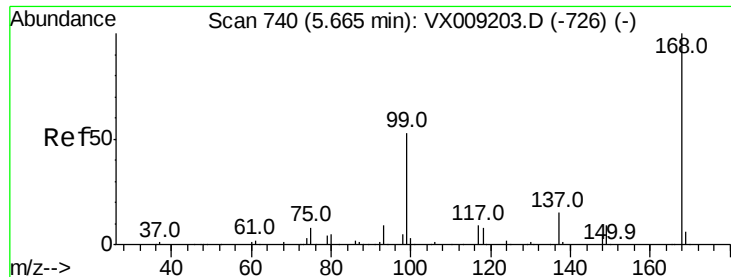
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

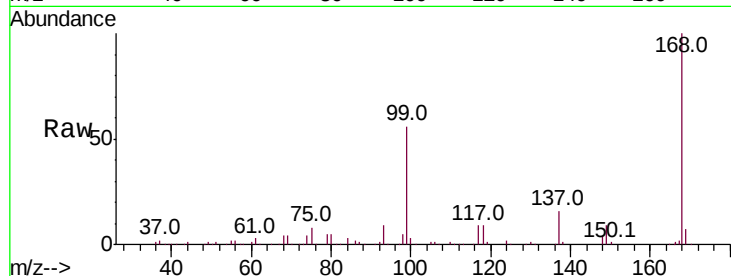
MW-13B_R2

Tot Ion:168 Resp: 175092

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

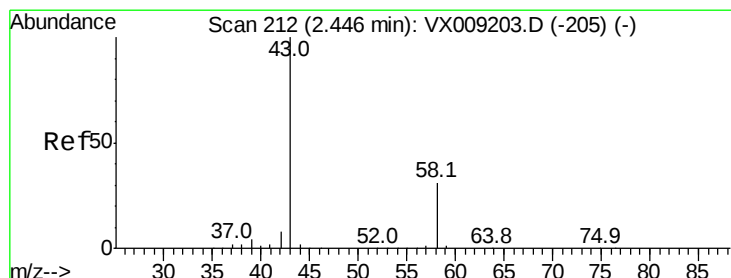
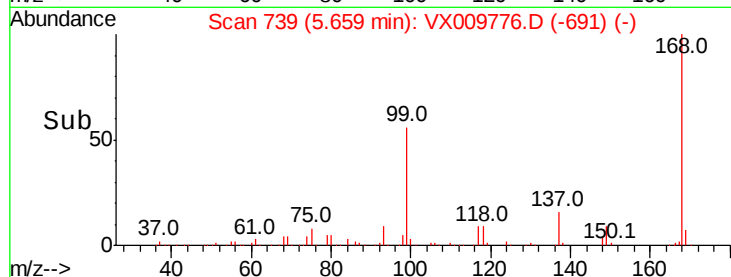
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.172 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009776.D

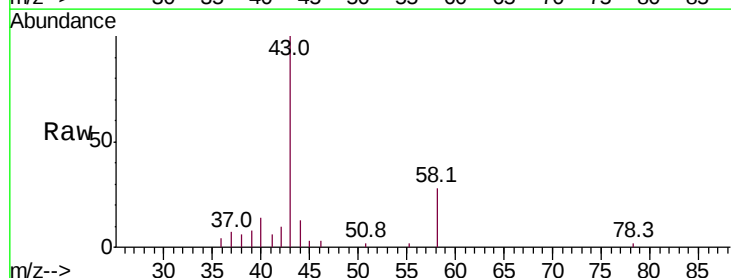
Acq: 22 May 2019 03:27

Tgt Ion: 43 Resp: 4071

Ion Ratio Lower Upper

43 100

58 28.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

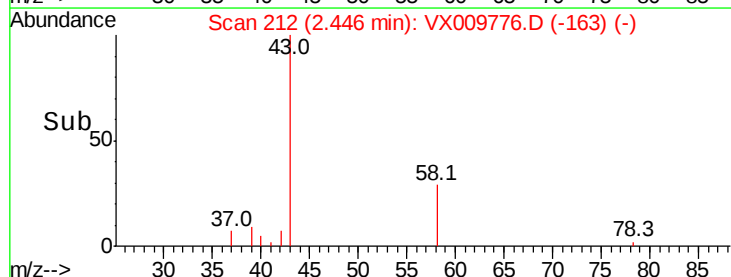
1500

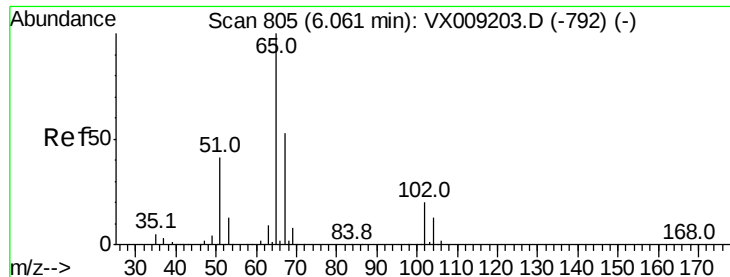
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 50.231 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

Instrument :

MSVOA_X

ClientSampled :

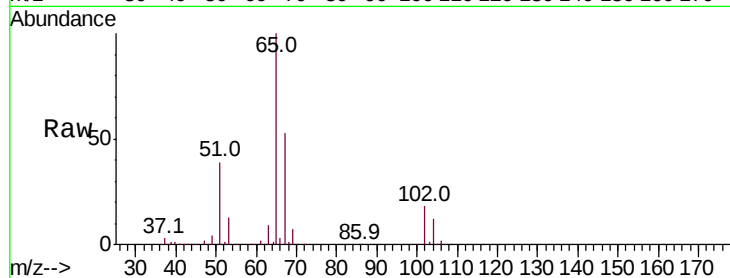
MW-13B_R2

Tot Ion: 65 Resp: 120064

Ion Ratio Lower Upper

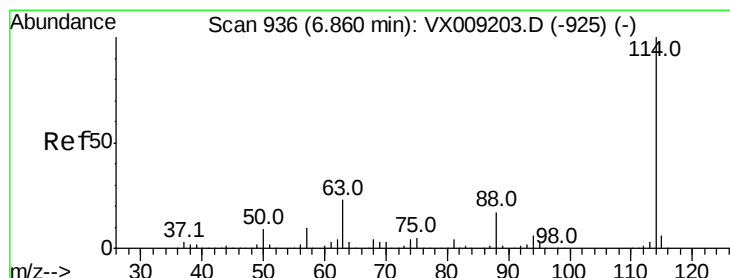
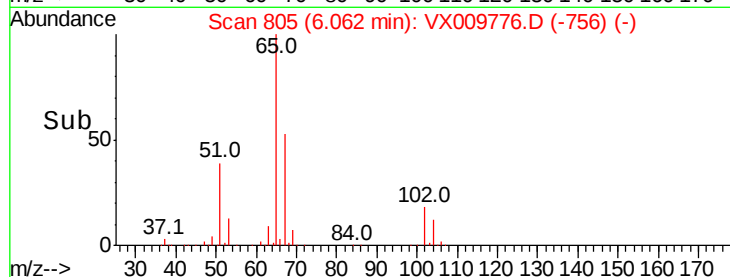
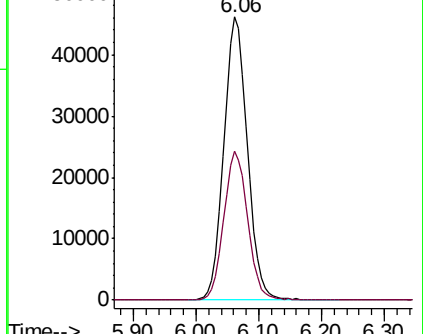
65 100

67 52.9 0.0 106.6



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

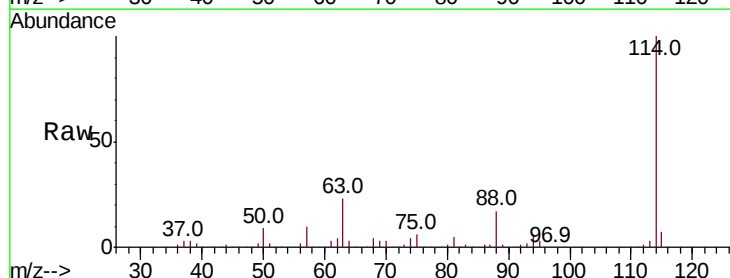
Tgt Ion:114 Resp: 281558

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

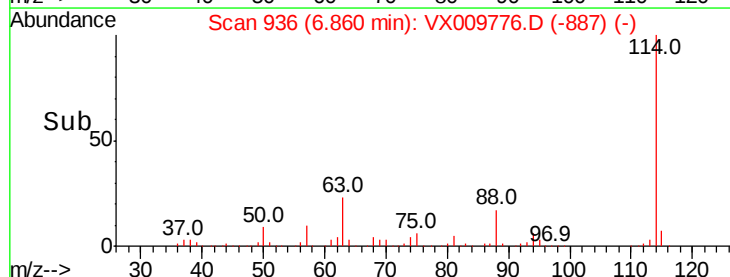
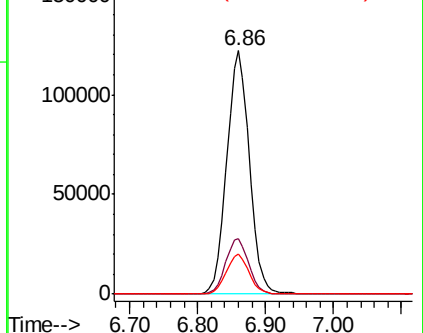
88 16.7 0.0 33.2

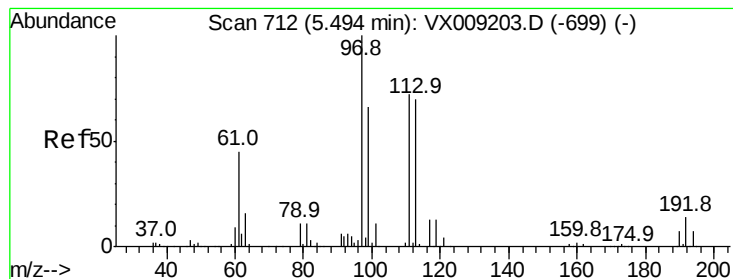


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.671 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

MW-13B_R2

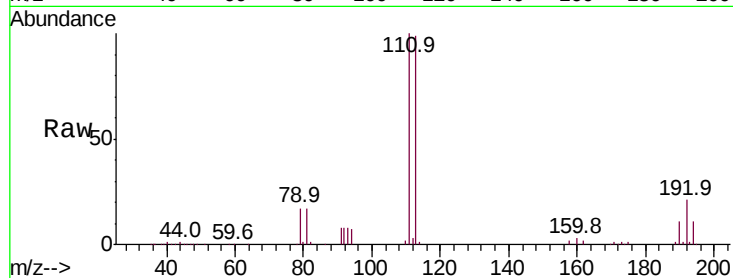
Tot Ion:113 Resp: 86147

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

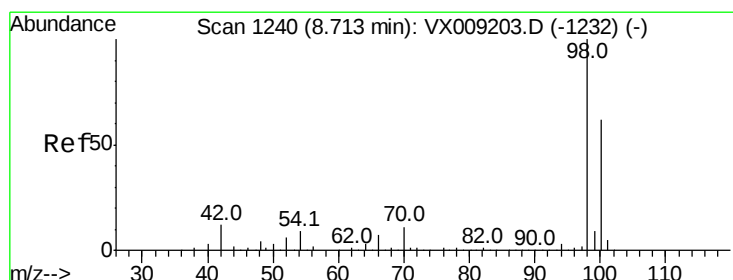
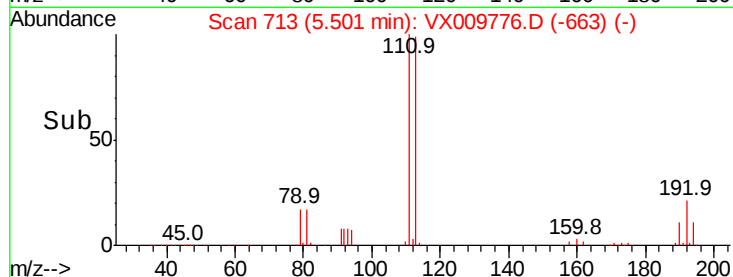
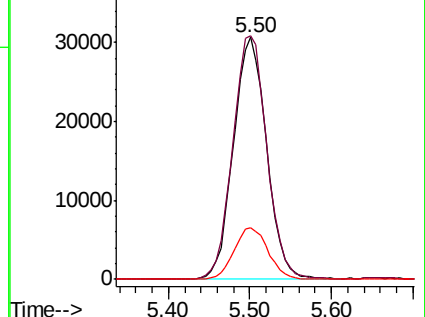
192 22.1 17.0 25.6



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: 49.865 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009776.D

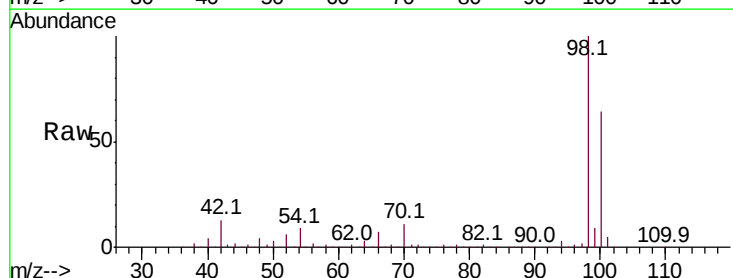
Acq: 22 May 2019 03:27

Tgt Ion: 98 Resp: 356332

Ion Ratio Lower Upper

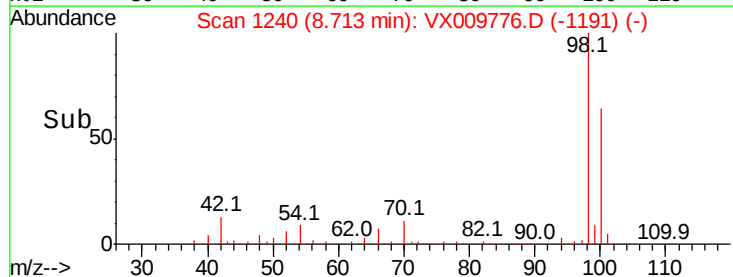
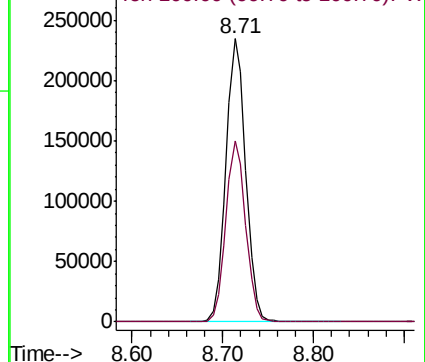
98 100

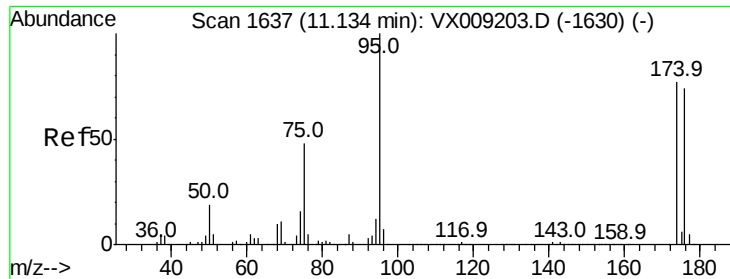
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.513 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

MW-13B_R2

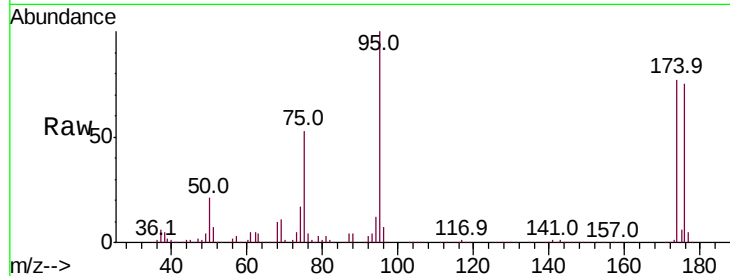
Tot Ion: 95 Resp: 118176

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

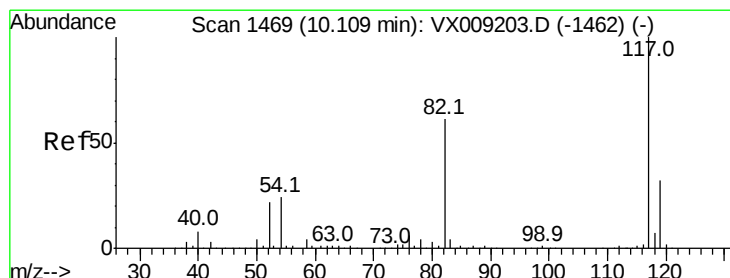
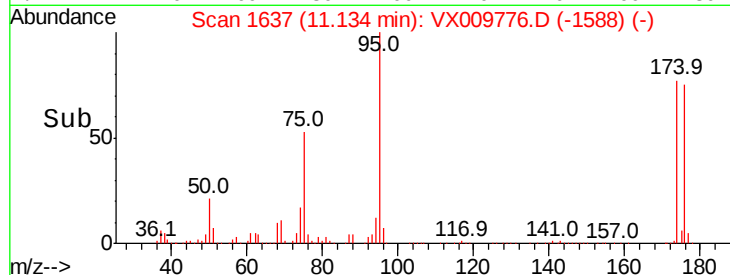
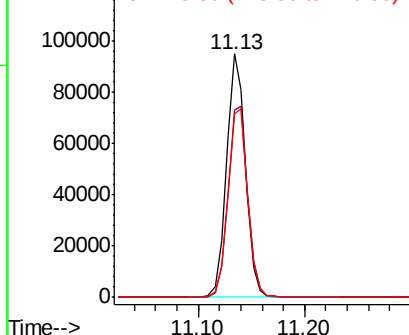
176 80.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009776.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009776.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009776.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009776.D

Acq: 22 May 2019 03:27

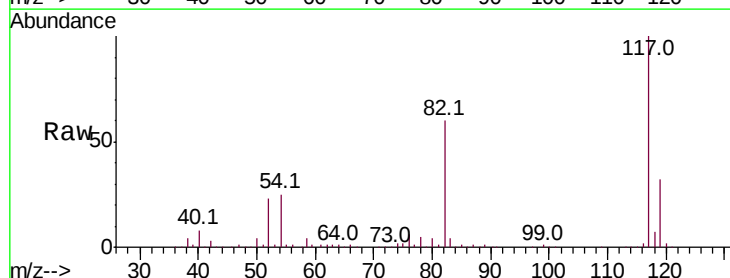
Tgt Ion: 117 Resp: 249163

Ion Ratio Lower Upper

117 100

82 59.9 48.8 73.2

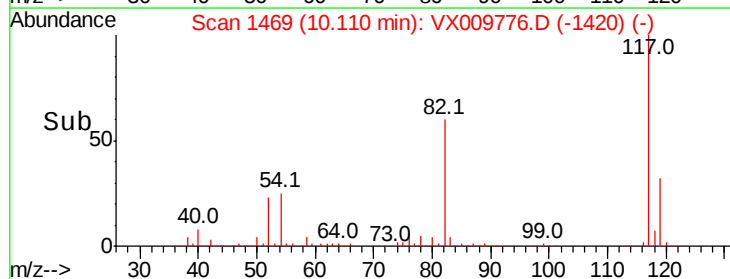
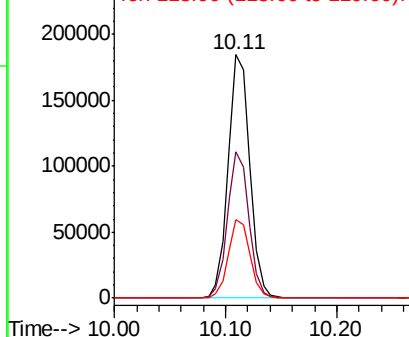
119 32.1 25.8 38.6

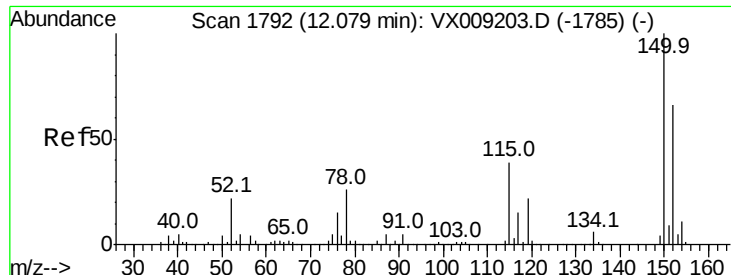


Abundance Ion 116.90 (116.60 to 117.60): VX009776.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009776.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009776.D (-1420) (-)

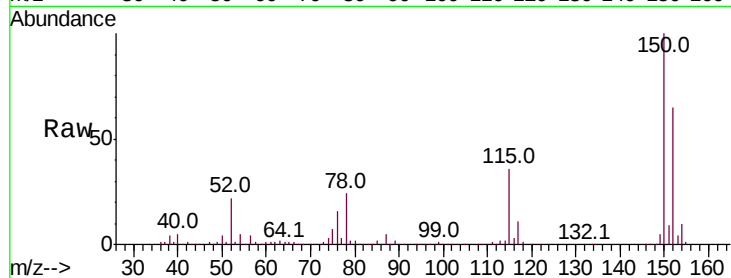




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009776.D
 Acq: 22 May 2019 03:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B_R2

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	156.1	0.0	346.4



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

