

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012841.D
 Acq On : 07 Oct 2019 16:23
 Operator : JC/SP
 Sample : K5154-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103D

Quant Time: Oct 08 12:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

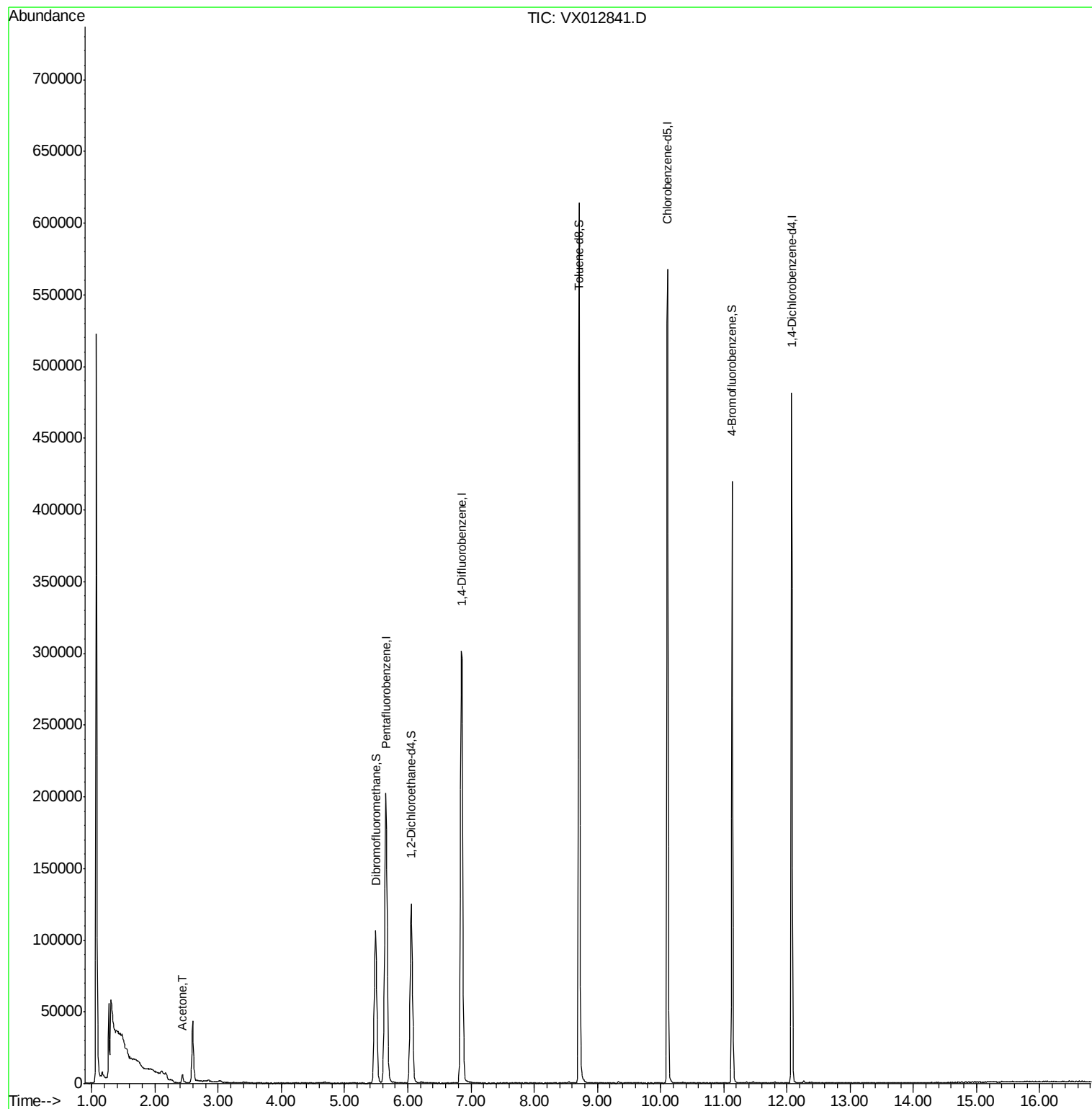
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119616	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
35) Dibromofluoromethane	5.49	113	92720	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	364191	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.14	95	118212	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
Target Compounds						
16) Acetone	2.44	43	6389	4.485	ug/l	Qvalue 100

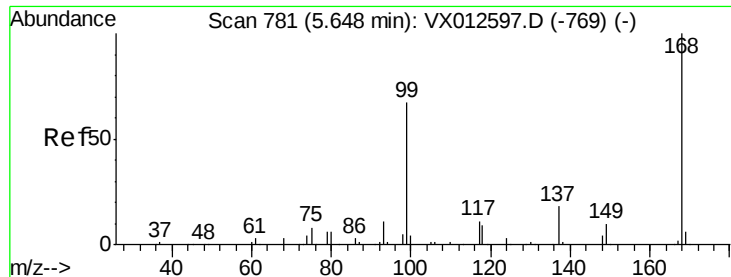
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 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: VX012841.D

Acq: 07 Oct 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

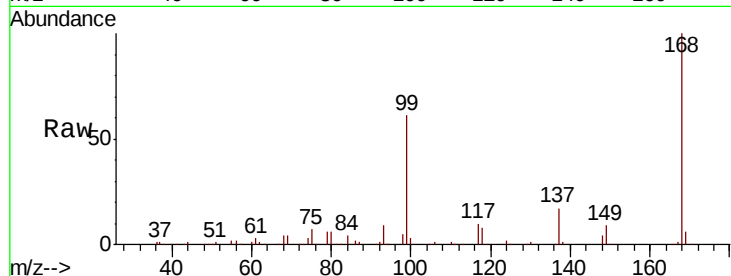
MW-103D

Tot Ion:168 Resp: 184678

Ion Ratio Lower Upper

168 100

99 61.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

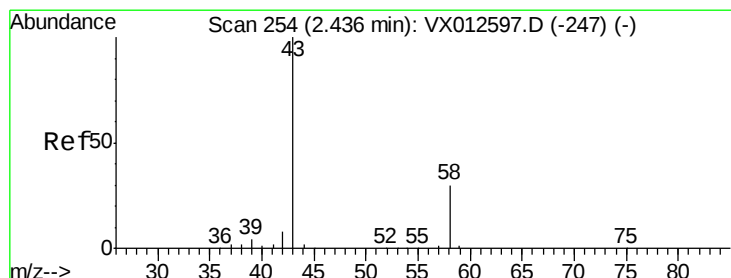
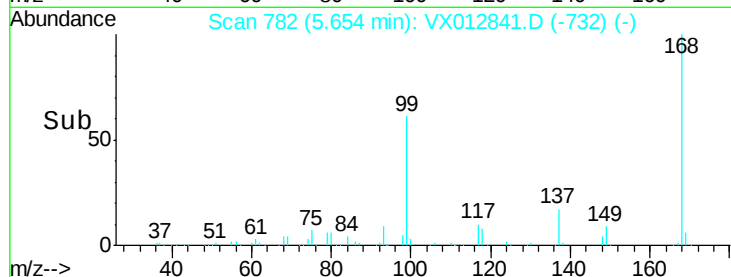
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.485 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012841.D

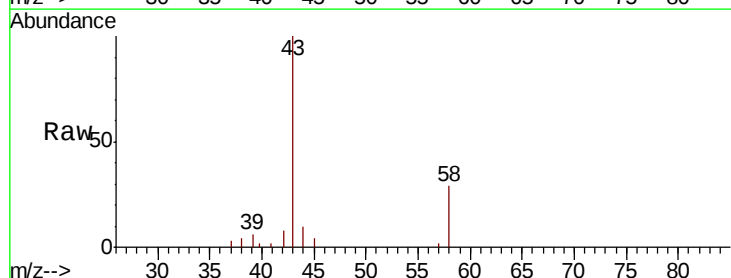
Acq: 07 Oct 2019 16:23

Tgt Ion: 43 Resp: 6389

Ion Ratio Lower Upper

43 100

58 28.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

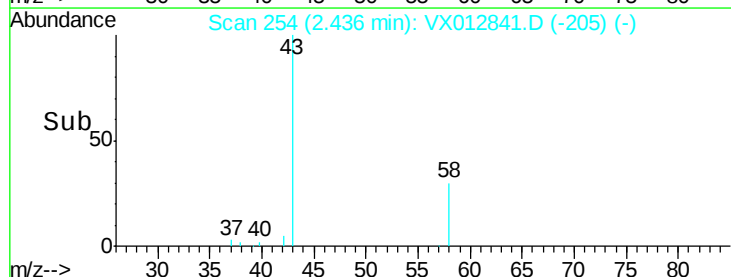
3000

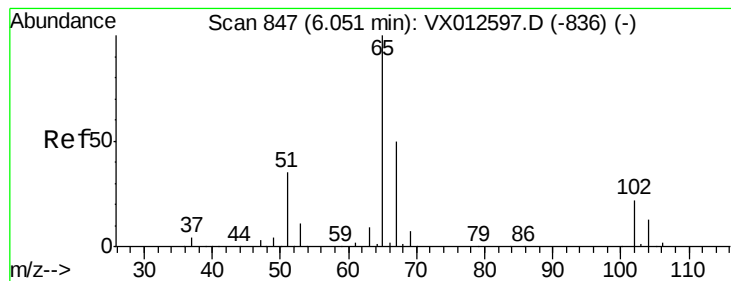
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 44.479 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012841.D

Acq: 07 Oct 2019 16:23

Instrument :

MSVOA_X

ClientSampled :

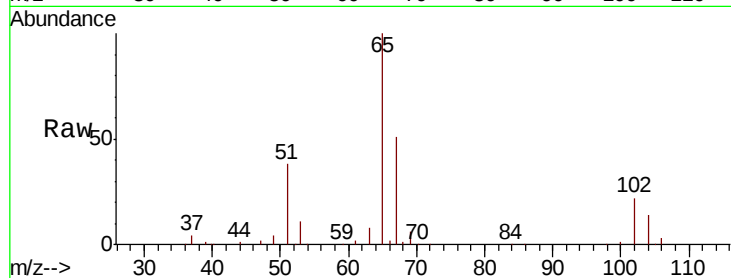
MW-103D

Tot Ion: 65 Resp: 119616

Ion Ratio Lower Upper

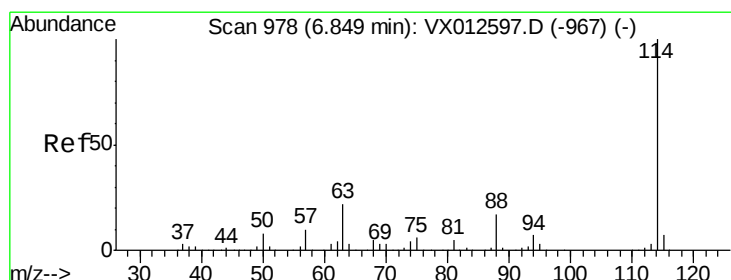
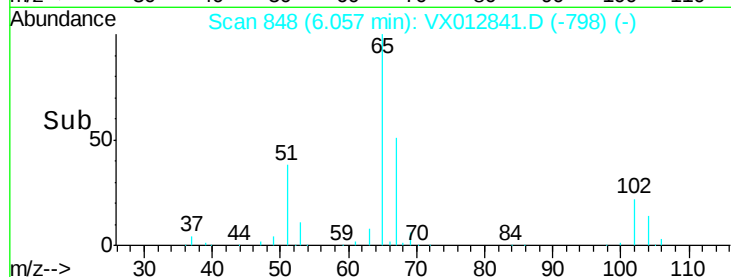
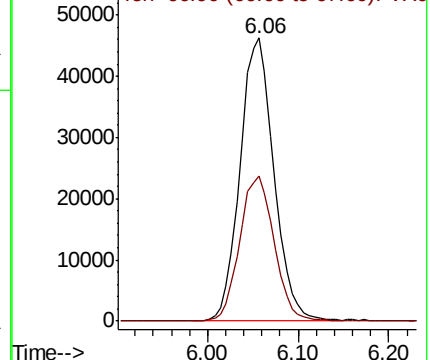
65 100

67 52.3 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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012841.D

Acq: 07 Oct 2019 16:23

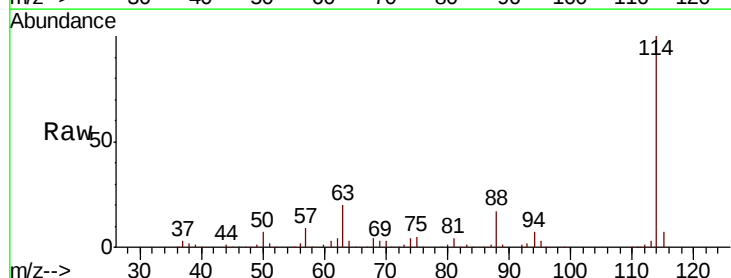
Tgt Ion: 114 Resp: 308170

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

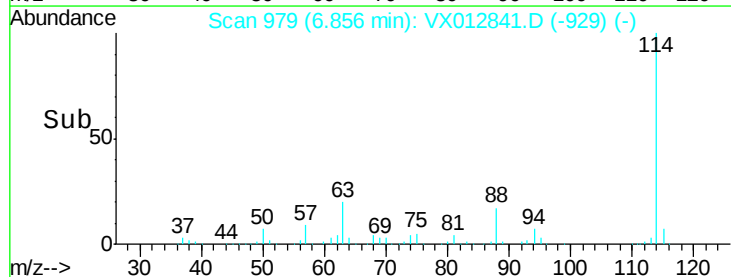
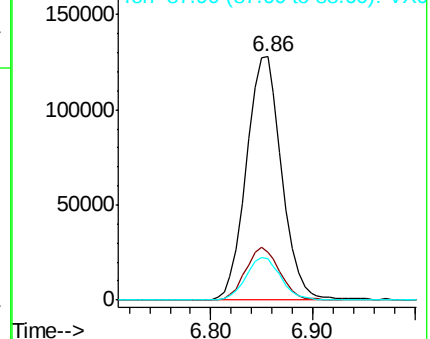
88 17.1 0.0 33.2

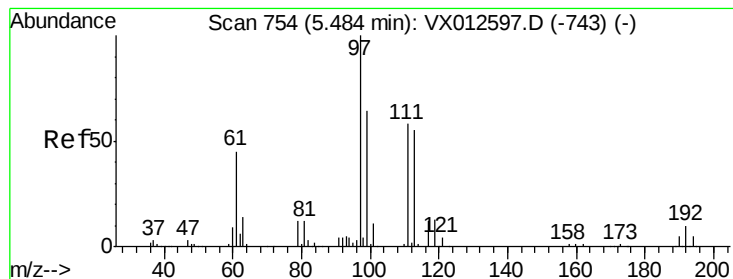


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.521 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012841.D

Acq: 07 Oct 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103D

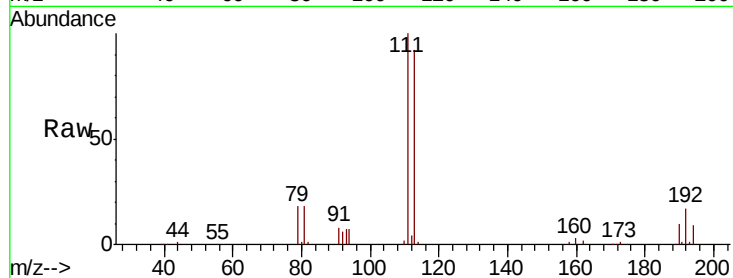
Tot Ion:113 Resp: 92720

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

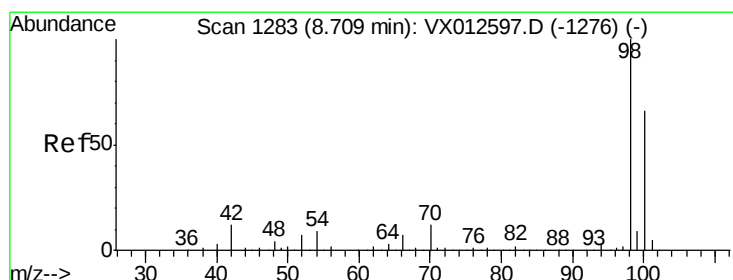
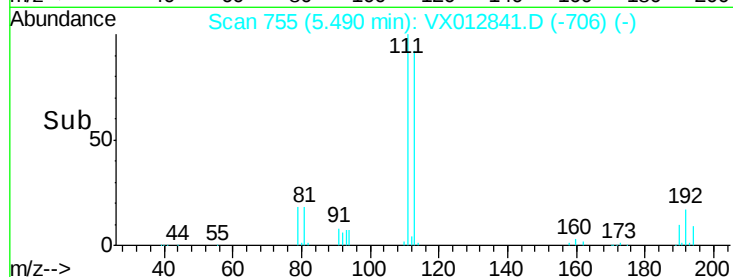
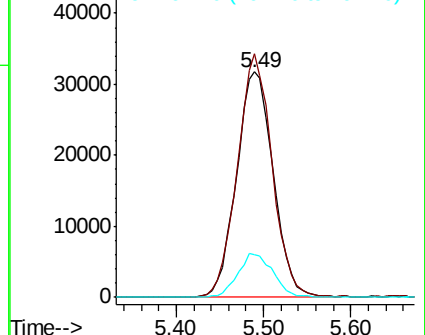
192 18.7 14.4 21.6



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: 51.528 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012841.D

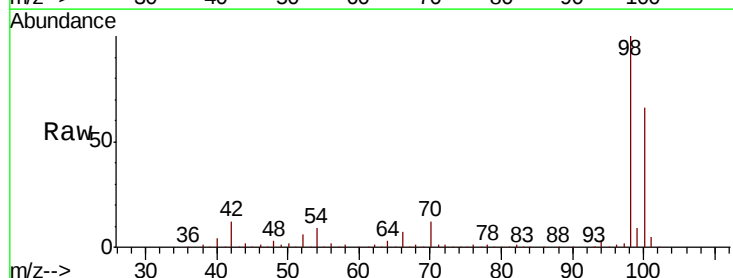
Acq: 07 Oct 2019 16:23

Tgt Ion: 98 Resp: 364191

Ion Ratio Lower Upper

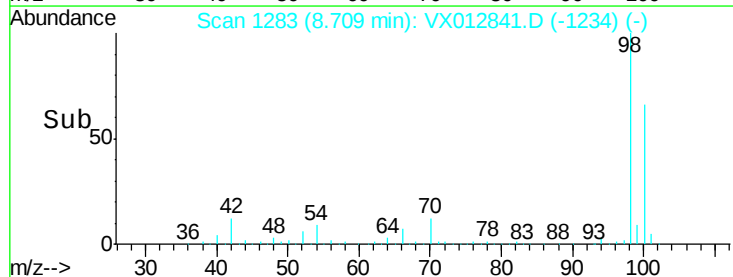
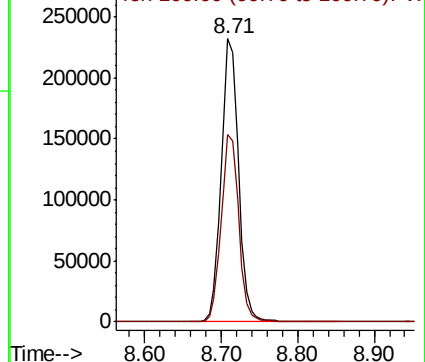
98 100

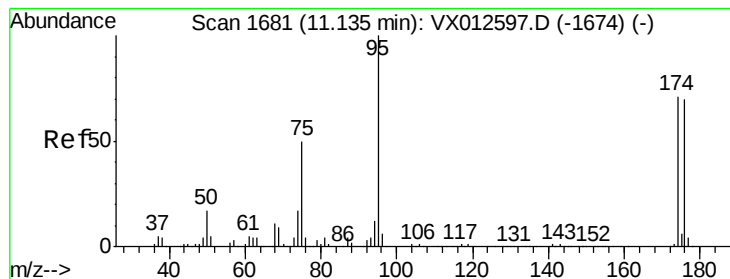
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.536 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012841.D

Acq: 07 Oct 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103D

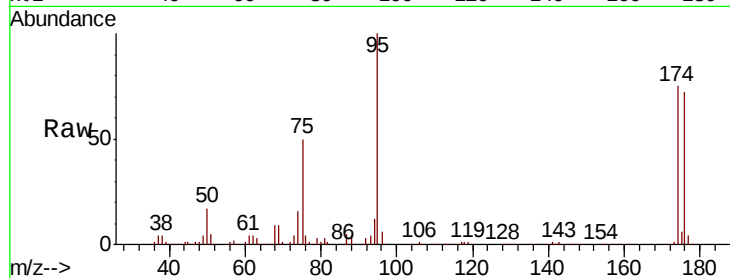
Tot Ion: 95 Resp: 118212

Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.0

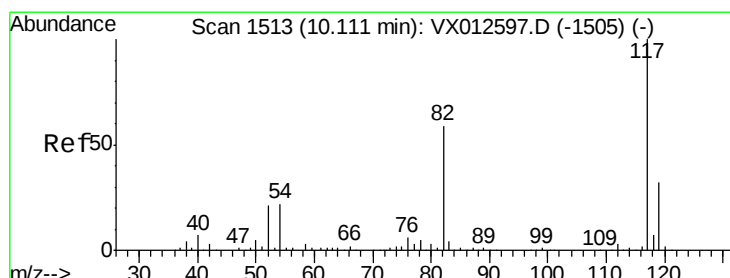
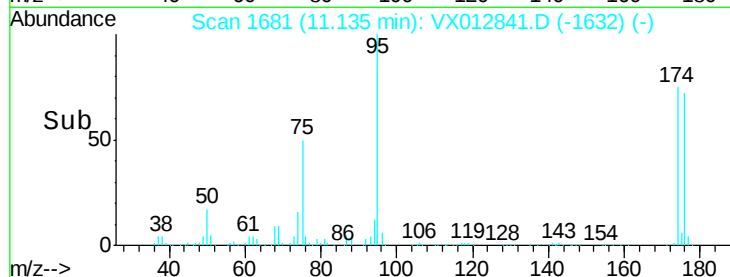
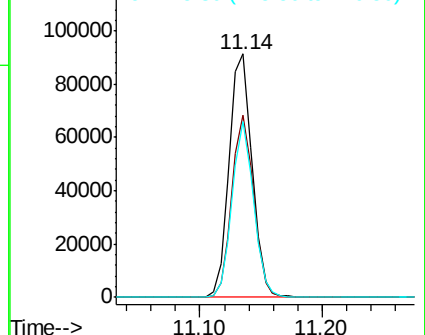
176 67.7 0.0 135.4



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: VX012841.D

Acq: 07 Oct 2019 16:23

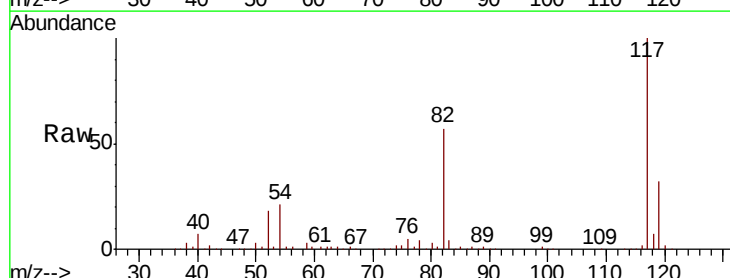
Tgt Ion: 117 Resp: 258946

Ion Ratio Lower Upper

117 100

82 56.8 45.9 68.9

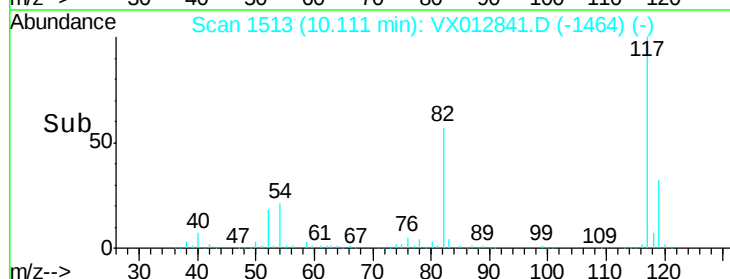
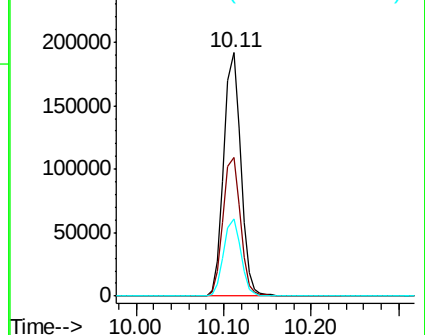
119 31.6 25.3 37.9

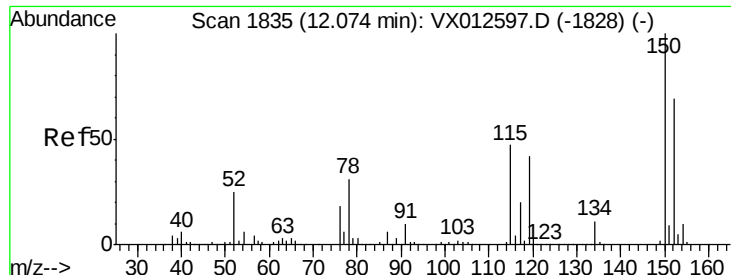


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

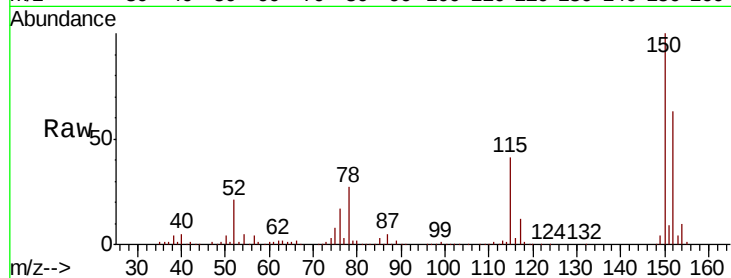




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012841.D
 Acq: 07 Oct 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103D

Tot Ion:152 Resp: 92120
 Ion Ratio Lower Upper
 152 100
 115 65.1 44.1 132.3
 150 158.6 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

