

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014213.D
 Acq On : 23 Dec 2019 19:29
 Operator : JC/SP
 Sample : K6387-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Dec 24 03:36:05 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

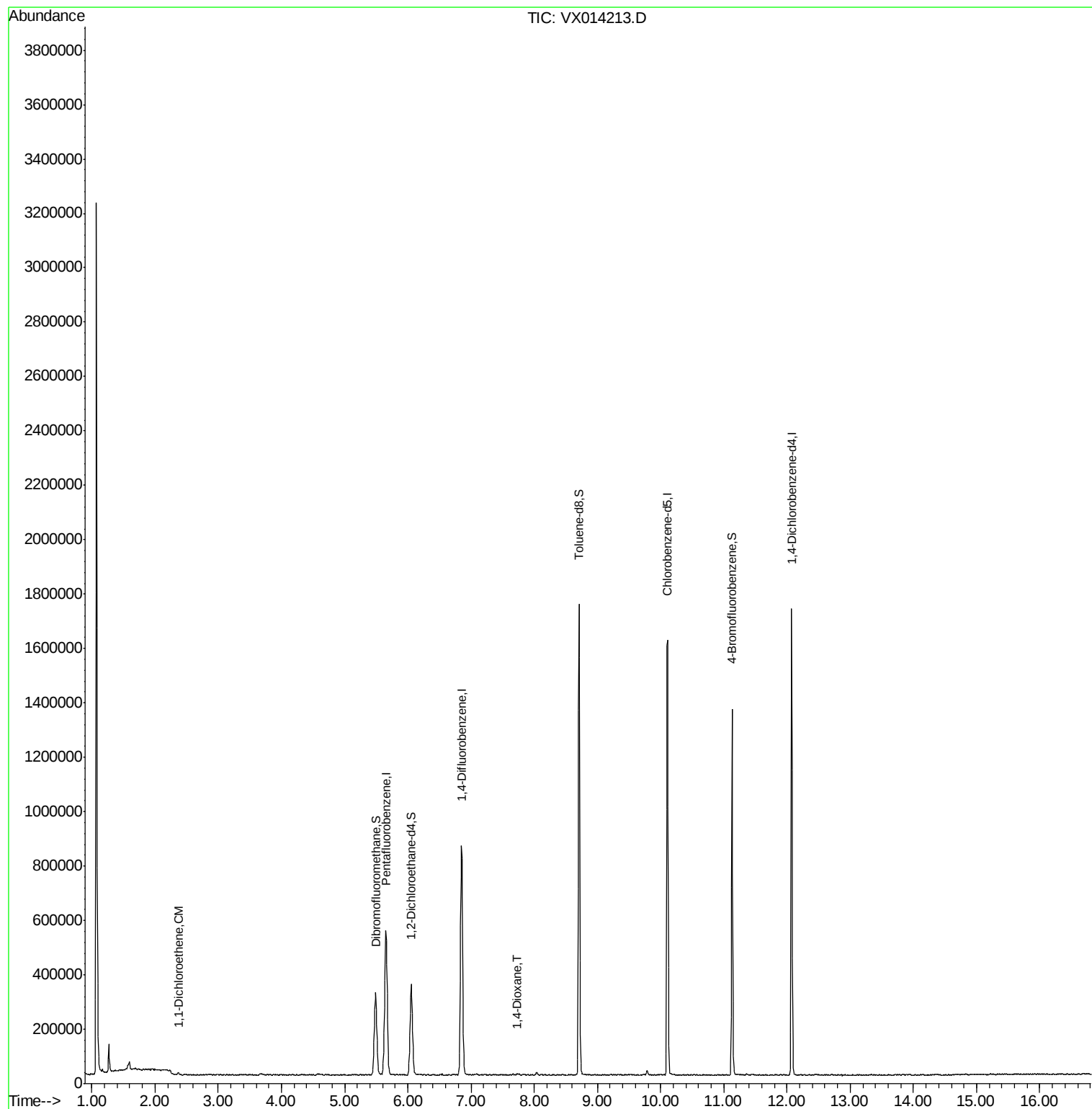
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	560703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	861368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	777188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	307913	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.49	113	256220	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1019992	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	345980	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	3966	0.735	ug/l	91
49) 1,4-Dioxane	7.73	88	4671	32.452	ug/l	96

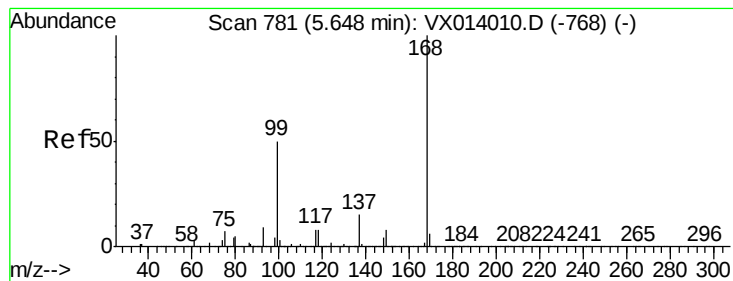
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampled :

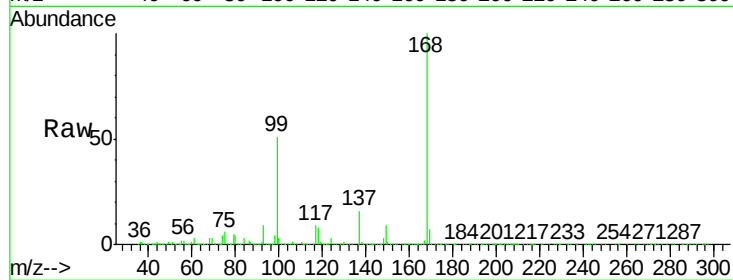
MW-4

Tot Ion:168 Resp: 560703

Ion Ratio Lower Upper

168 100

99 50.5 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

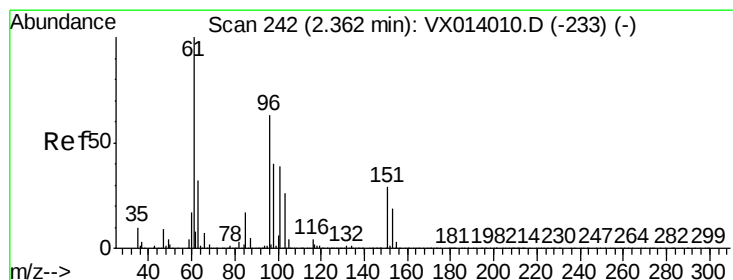
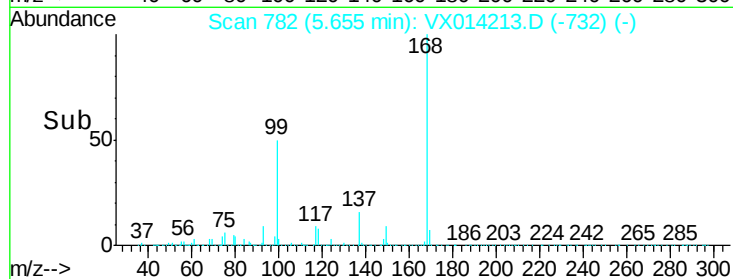
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.735 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

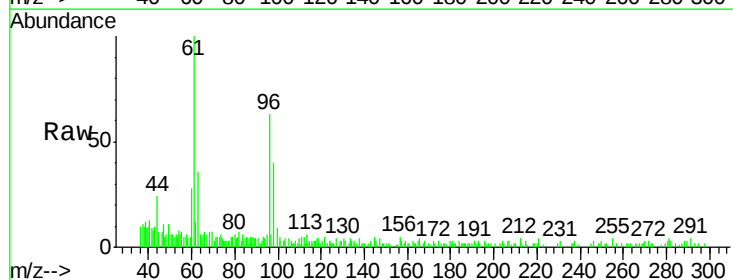
Tgt Ion: 96 Resp: 3966

Ion Ratio Lower Upper

96 100

61 150.6 127.9 191.9

98 53.0 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

5000

4000

3000

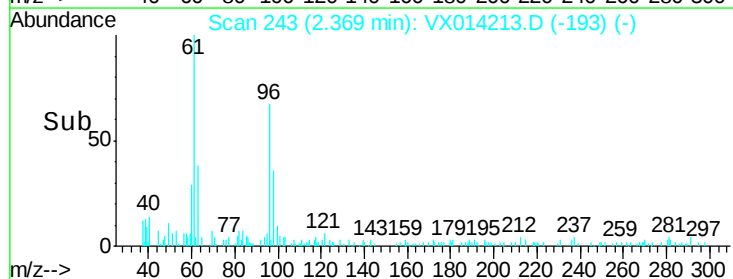
2000

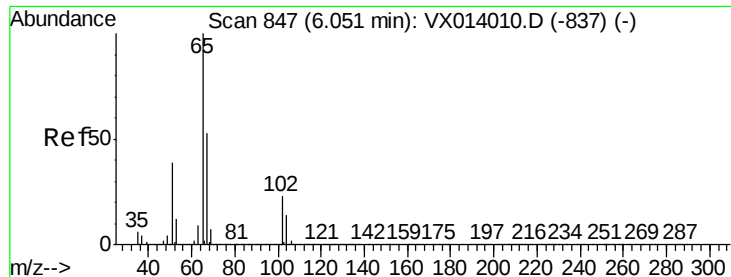
1000

0

Time-->

2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 48.454 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampled :

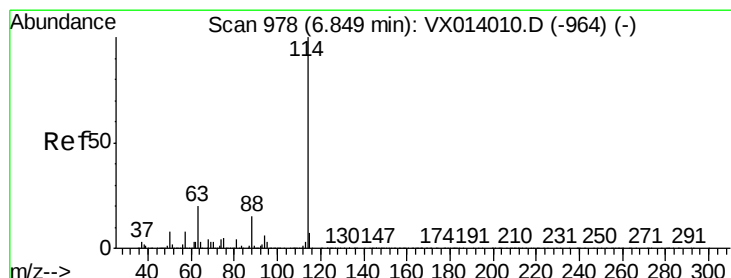
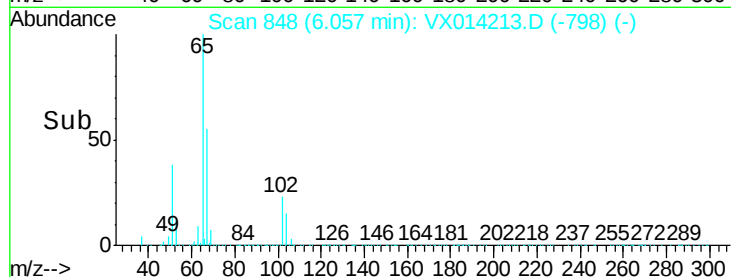
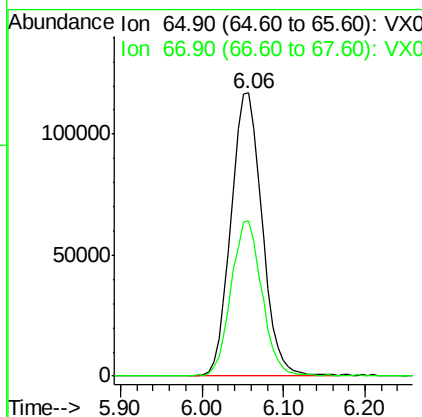
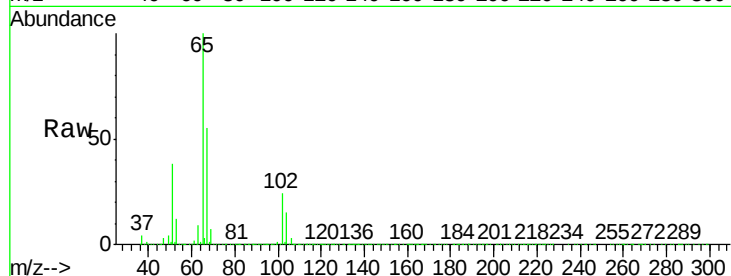
MW-4

Tot Ion: 65 Resp: 307913

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

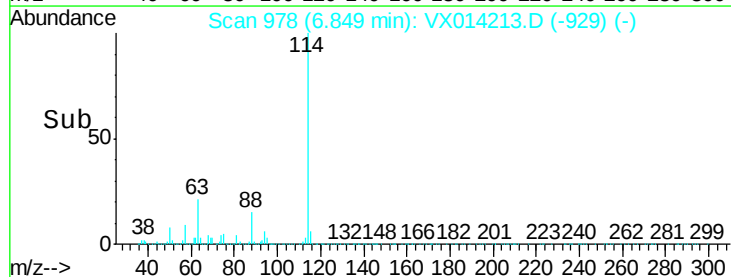
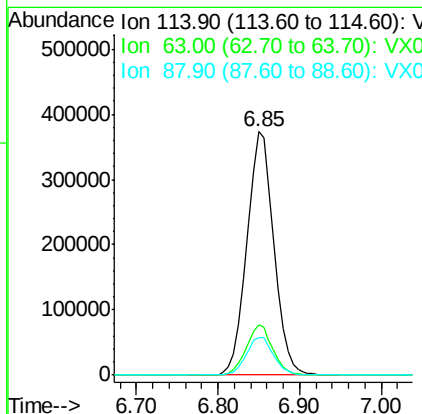
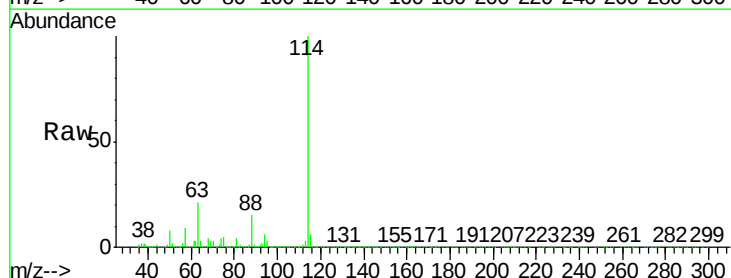
Tgt Ion: 114 Resp: 861368

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.933 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

MW-4

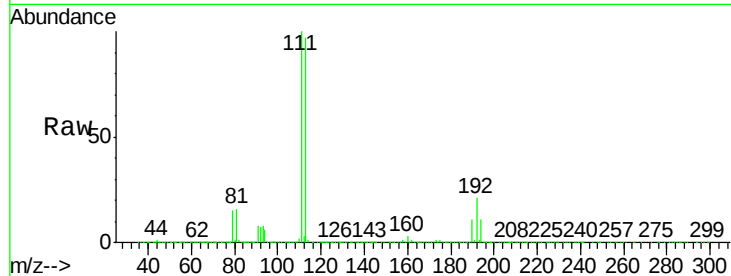
Tot Ion:113 Resp: 256220

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

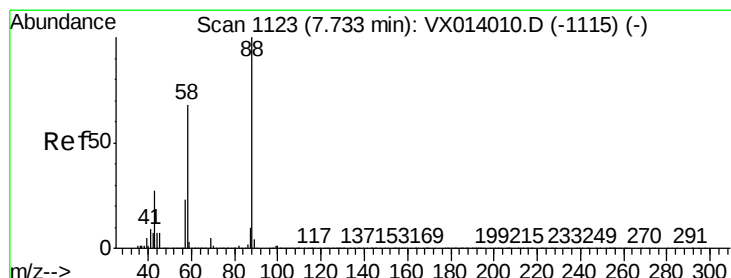
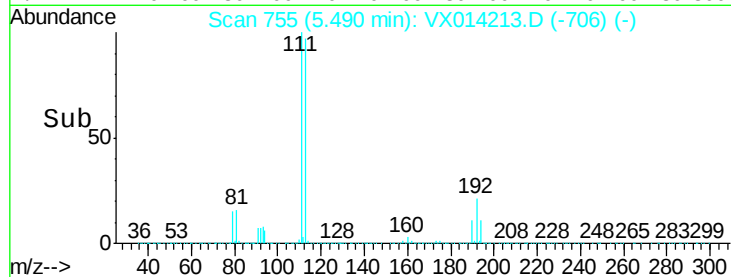
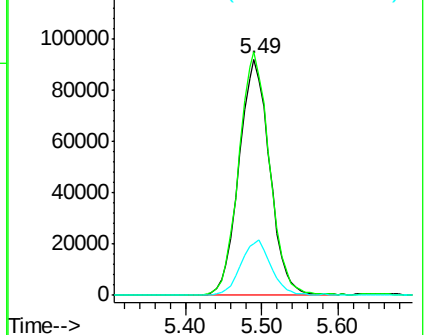
192 23.2 19.3 28.9



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



#49

1,4-Dioxane

Concen: 32.452 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

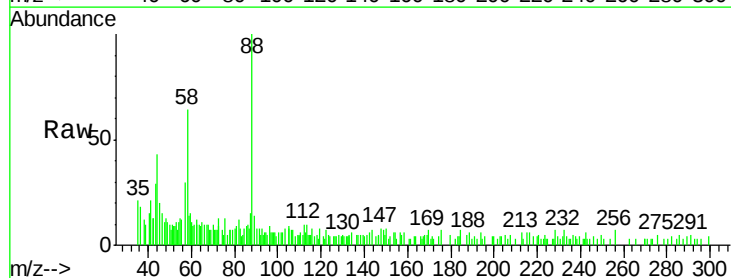
Tgt Ion: 88 Resp: 4671

Ion Ratio Lower Upper

88 100

43 34.3 26.5 39.7

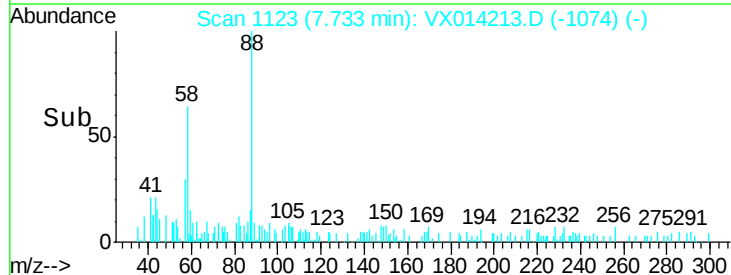
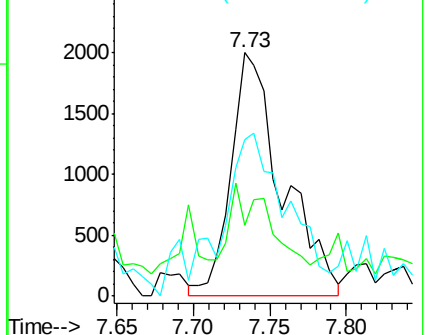
58 67.2 56.8 85.2

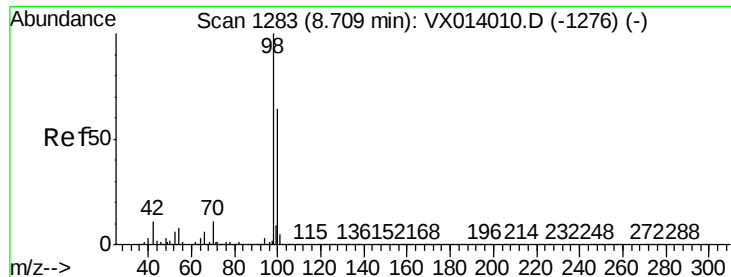


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

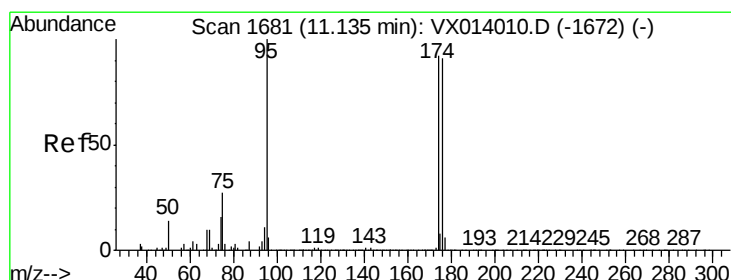
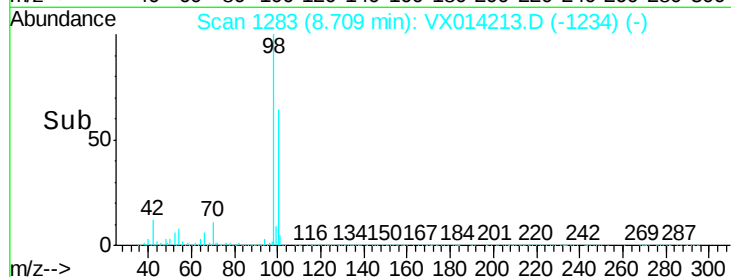
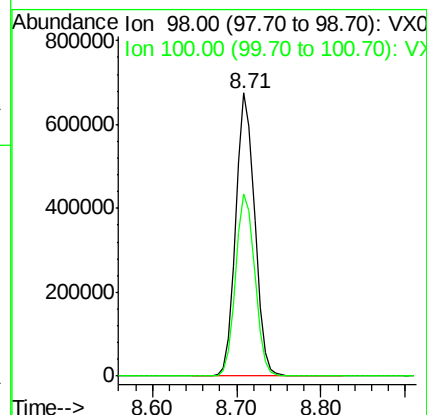
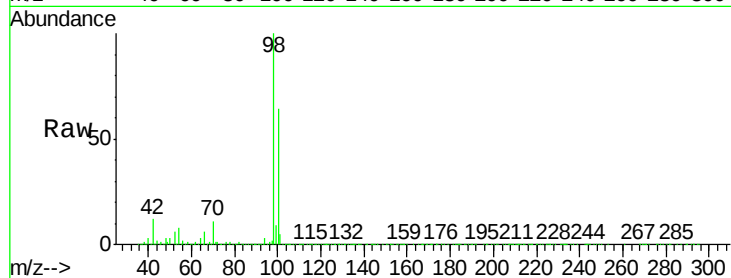
MW-4

Tot Ion: 98 Resp: 1019992

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.429 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014213.D

Acq: 23 Dec 2019 19:29

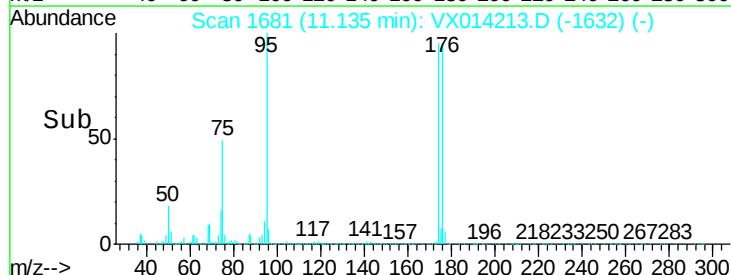
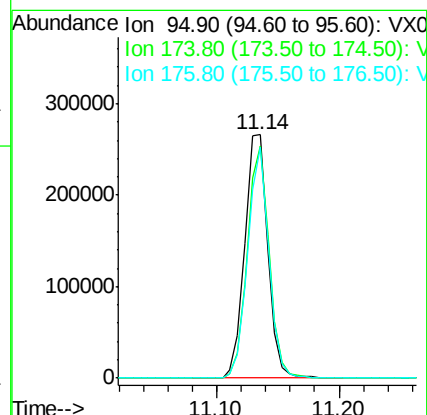
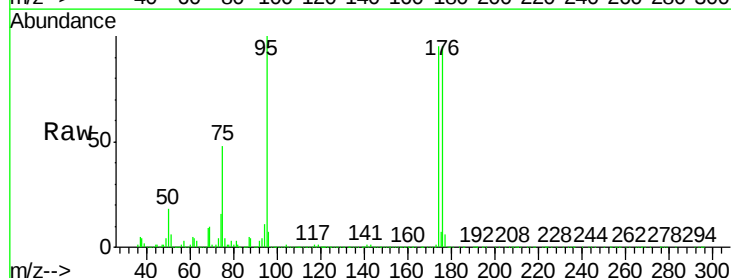
Tgt Ion: 95 Resp: 345980

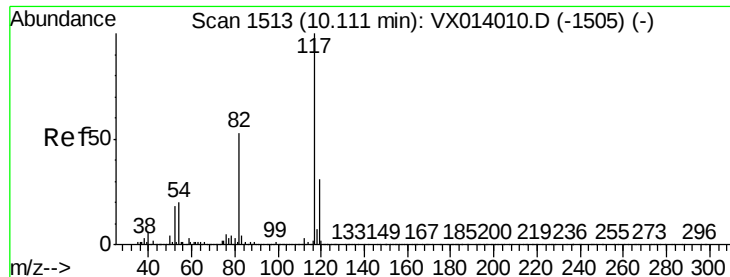
Ion Ratio Lower Upper

95 100

174 90.7 0.0 175.8

176 87.3 0.0 173.0

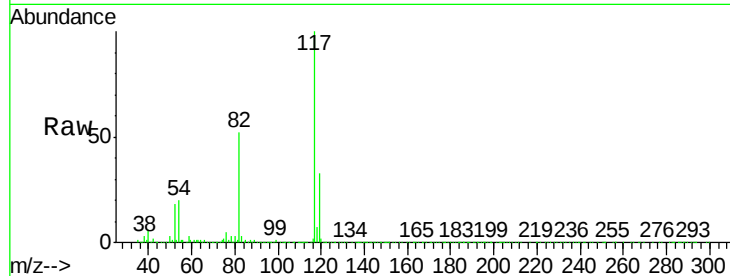




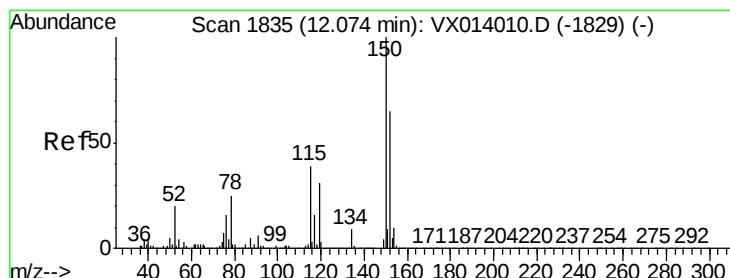
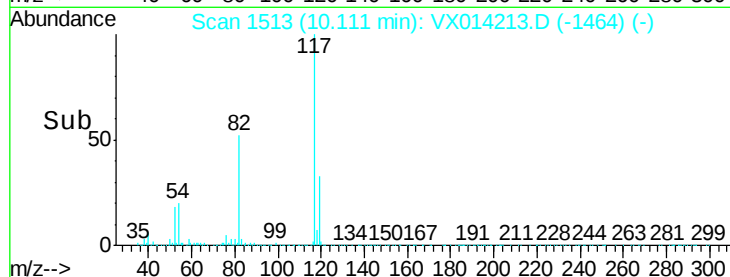
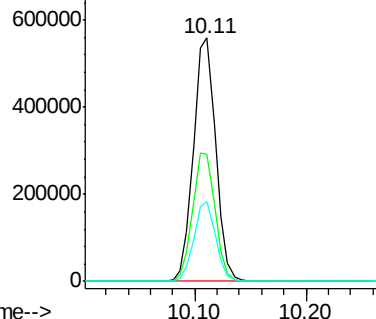
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014213.D
Acq: 23 Dec 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion:117 Resp: 777188
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.8 25.1 37.7

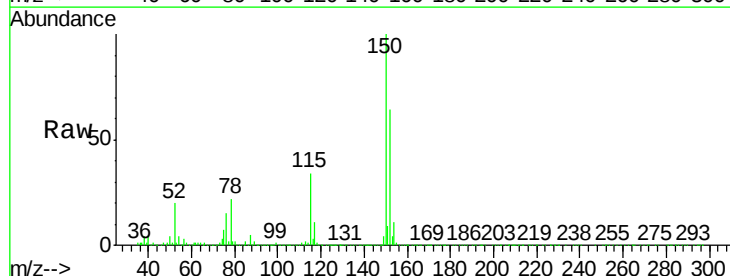


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014213.D
Acq: 23 Dec 2019 19:29

Tgt Ion:152 Resp: 356730
Ion Ratio Lower Upper
152 100
115 54.2 38.3 114.9
150 154.0 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

