

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015192.D
 Acq On : 11 Mar 2020 12:00
 Operator : JC/SP
 Sample : L1860-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 12 07:25:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	300752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	483167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	243697	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	174655	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.49	113	152810	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	602238	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	222467	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	

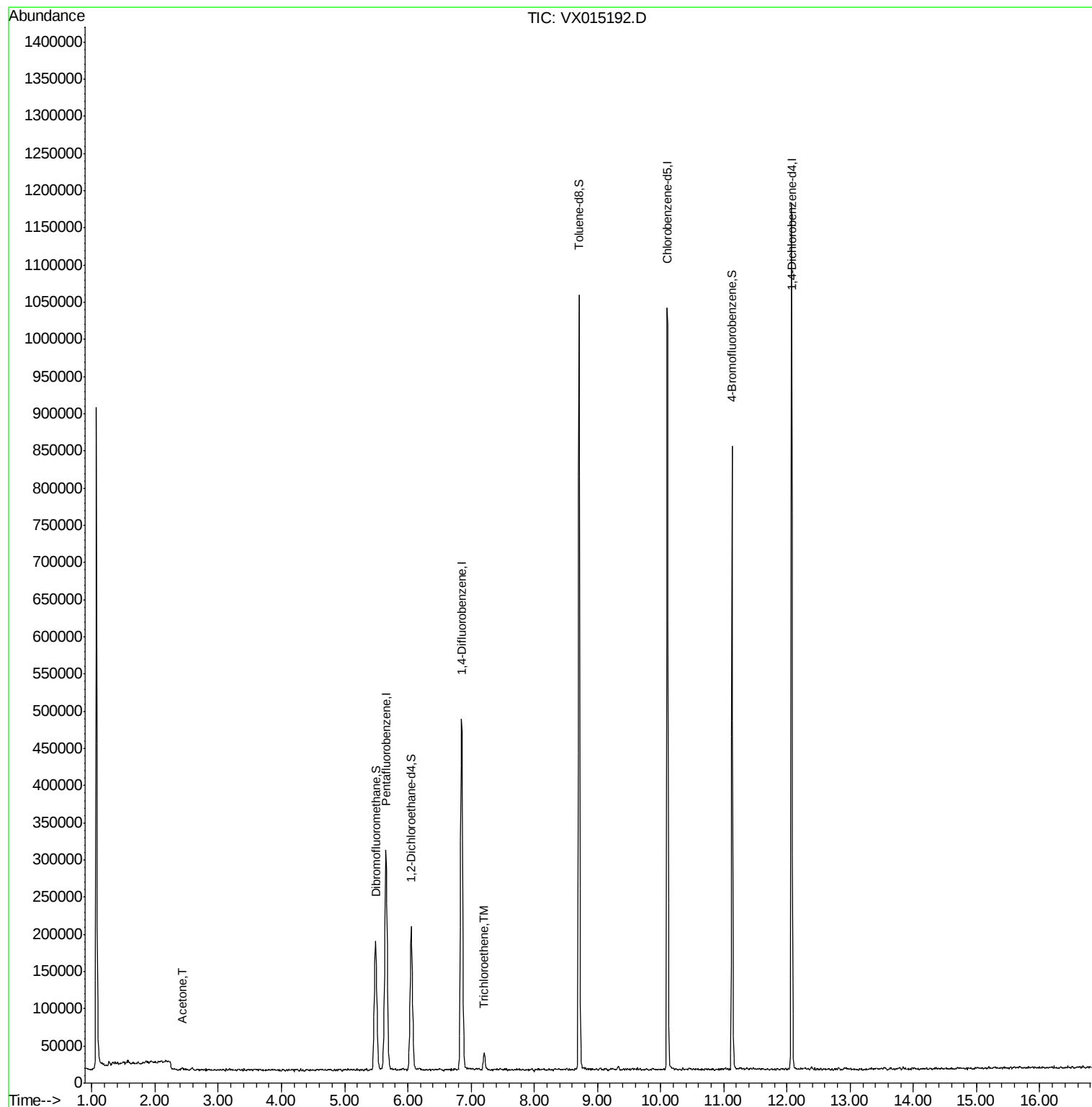
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	4279	2.96	ug/l	92
44) Trichloroethene	7.21	130	10269	2.77	ug/l	93

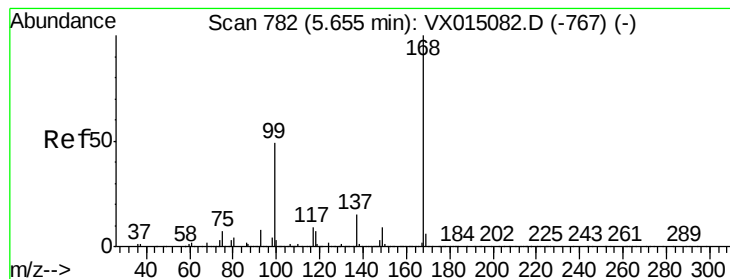
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

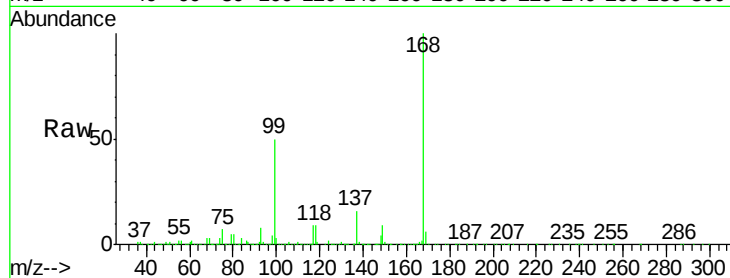
MW-2

Tgt Ion:168 Resp: 300752

Ion Ratio Lower Upper

168 100

99 50.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

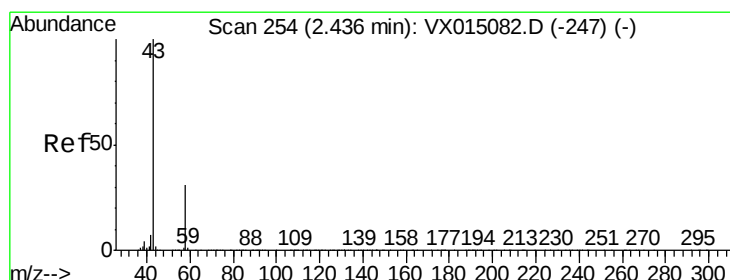
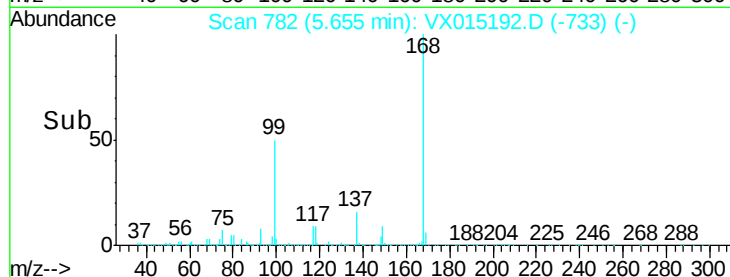
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.96 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015192.D

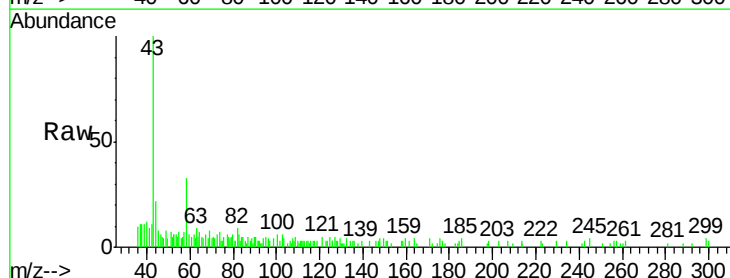
Acq: 11 Mar 2020 12:00

Tgt Ion: 43 Resp: 4279

Ion Ratio Lower Upper

43 100

58 35.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

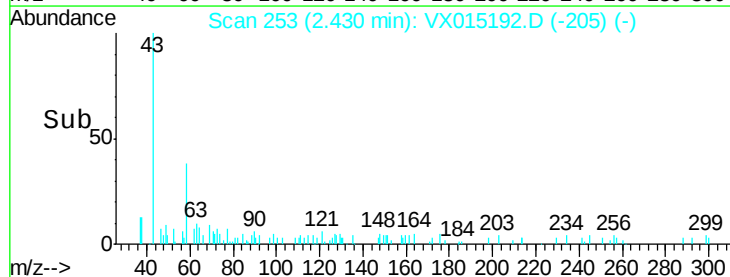
1500

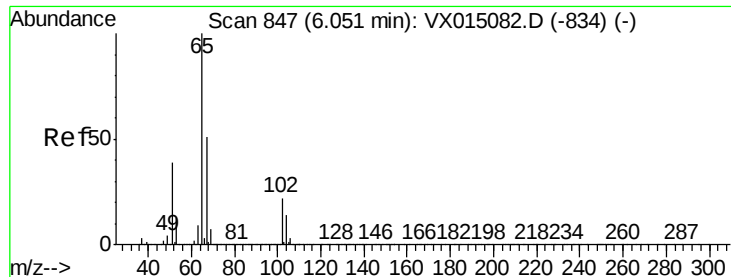
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.95 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

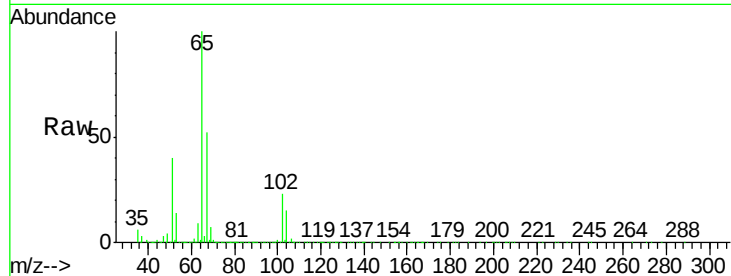
MW-2

Tgt Ion: 65 Resp: 174655

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

40000

20000

0

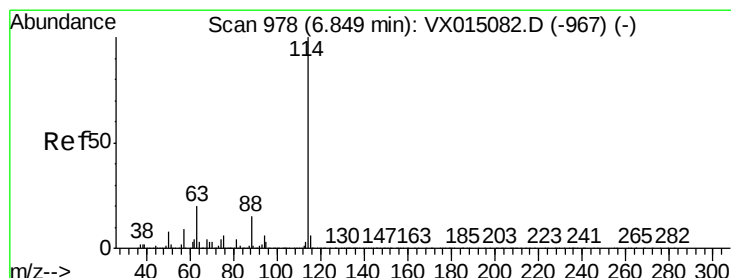
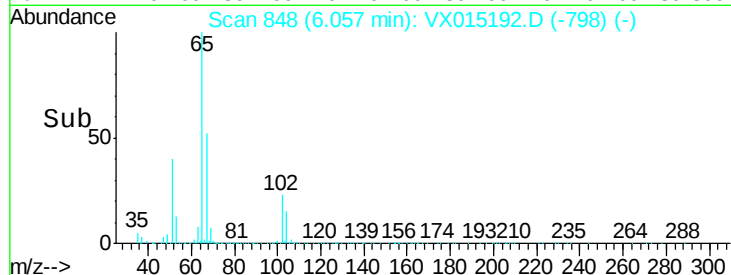
Time-->

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

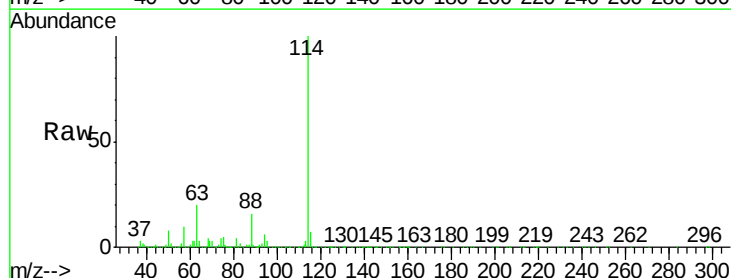
Tgt Ion: 114 Resp: 485779

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 16.4 0.0 30.6



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

6.85

250000

200000

150000

100000

50000

0

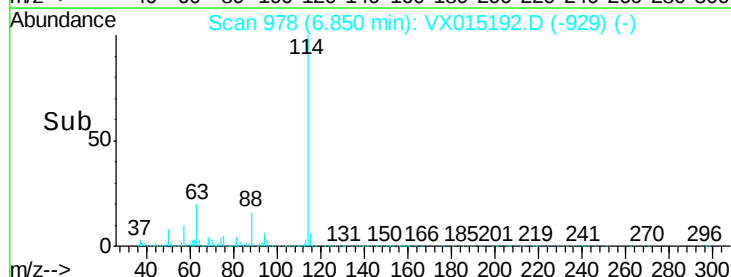
Time-->

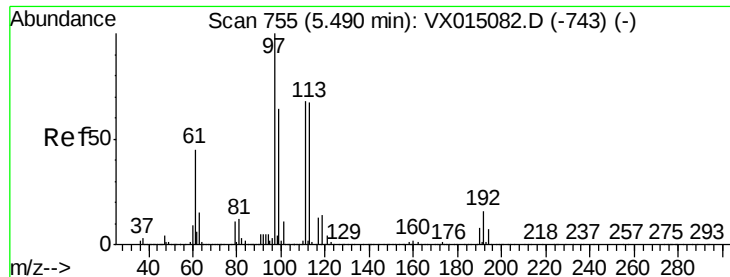
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

MW-2

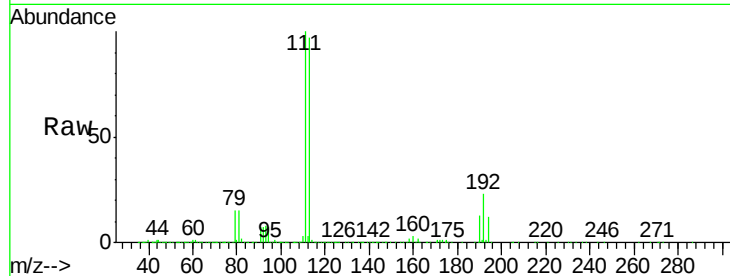
Tgt Ion:113 Resp: 152810

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

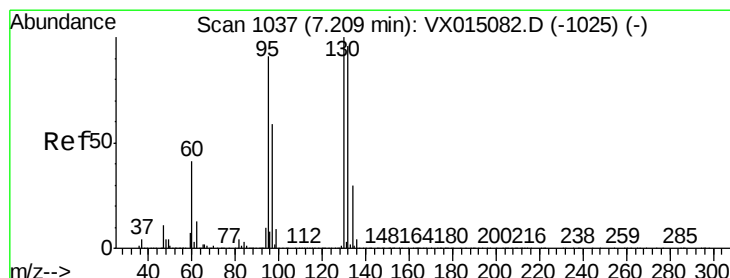
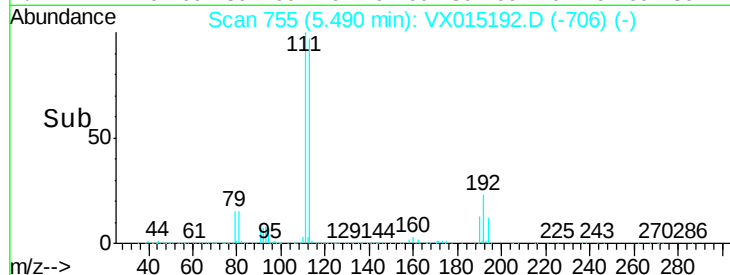
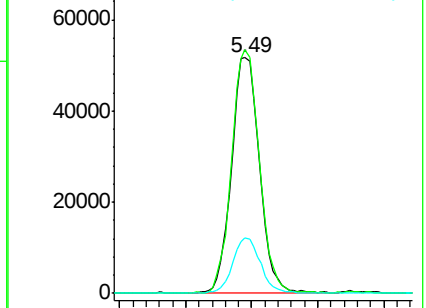
192 23.2 18.6 28.0



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



#44

Trichloroethene

Concen: 2.77 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015192.D

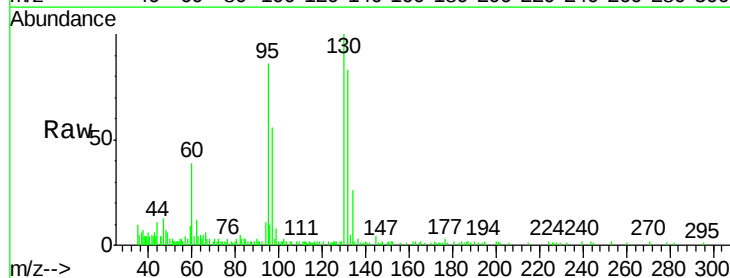
Acq: 11 Mar 2020 12:00

Tgt Ion:130 Resp: 10269

Ion Ratio Lower Upper

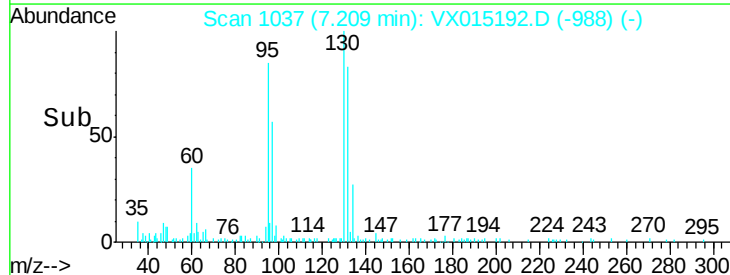
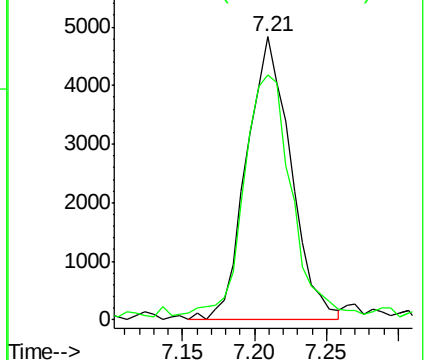
130 100

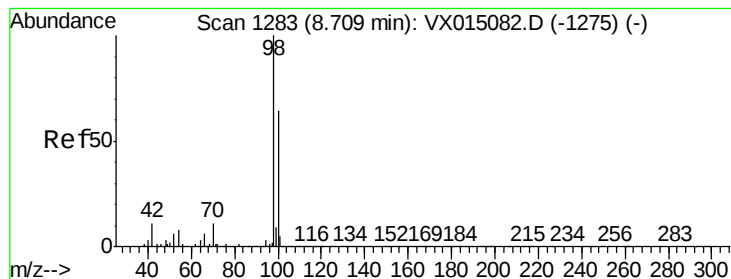
95 84.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.66 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

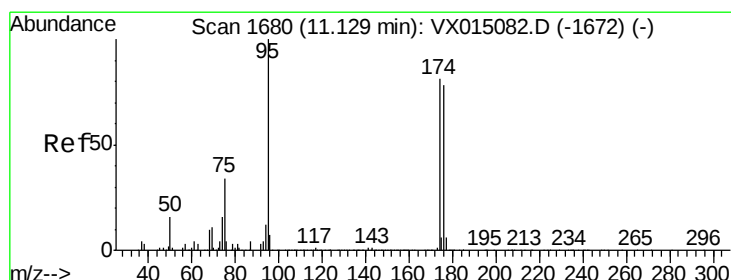
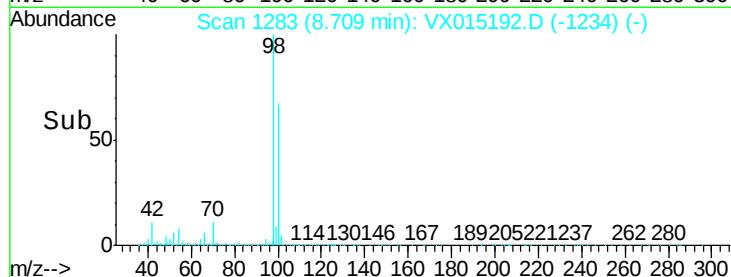
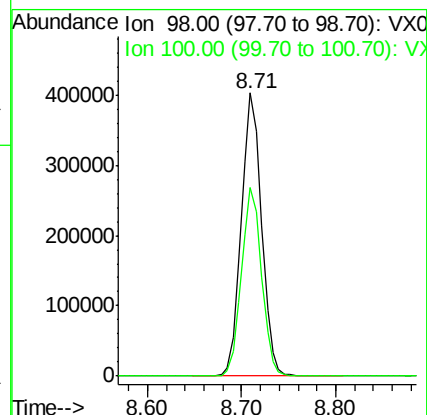
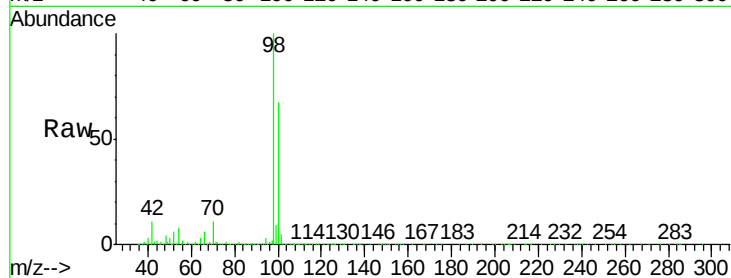
MW-2

Tgt Ion: 98 Resp: 602238

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.50 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

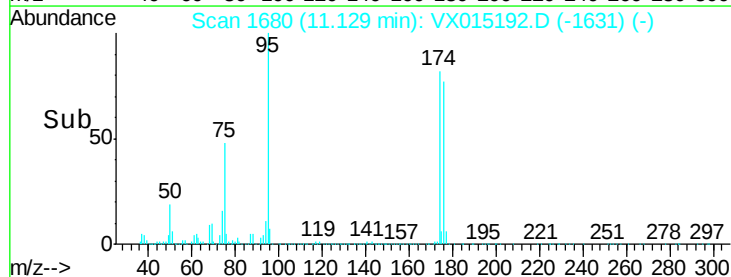
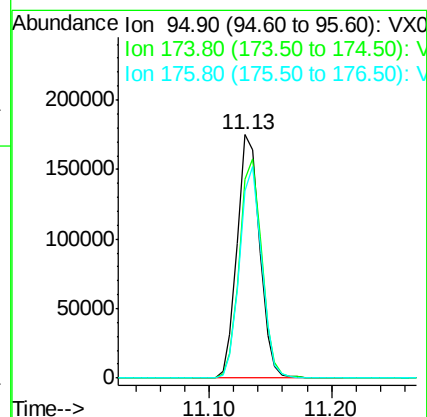
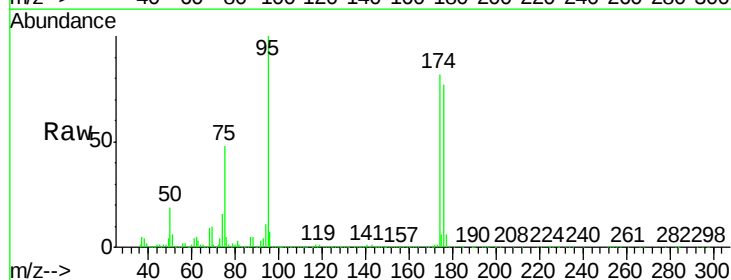
Tgt Ion: 95 Resp: 222467

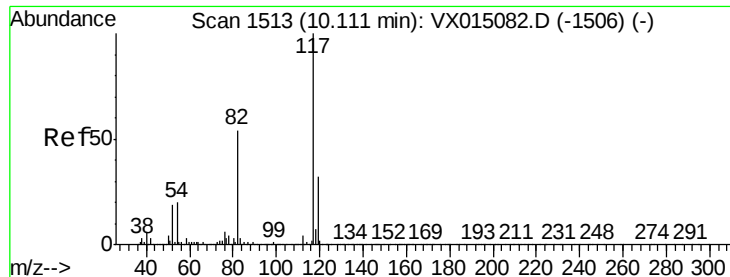
Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.6

176 85.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

MW-2

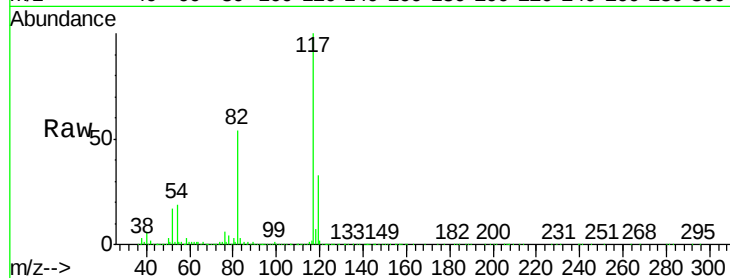
Tgt Ion:117 Resp: 483167

Ion Ratio Lower Upper

117 100

82 53.5 43.3 64.9

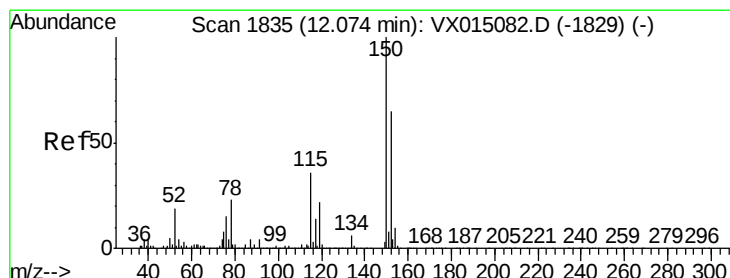
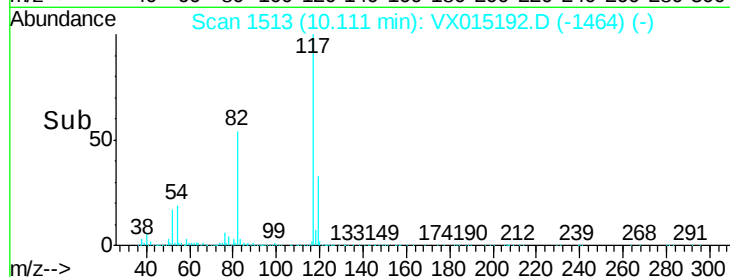
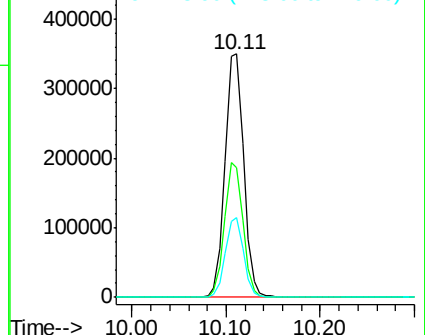
119 32.8 25.8 38.8



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: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015192.D

Acq: 11 Mar 2020 12:00

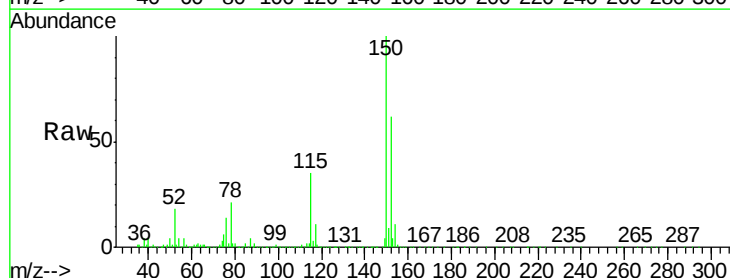
Tgt Ion:152 Resp: 243697

Ion Ratio Lower Upper

152 100

115 56.0 38.2 114.6

150 159.7 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

