

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015245.D
 Acq On : 13 Mar 2020 09:34
 Operator : JC/SP
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

Quant Time: Mar 16 08:39:06 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	281011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	437721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	198213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	154356	46.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.60%	
35) Dibromofluoromethane	5.48	113	133248	48.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	528870	50.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.13	95	187070	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	

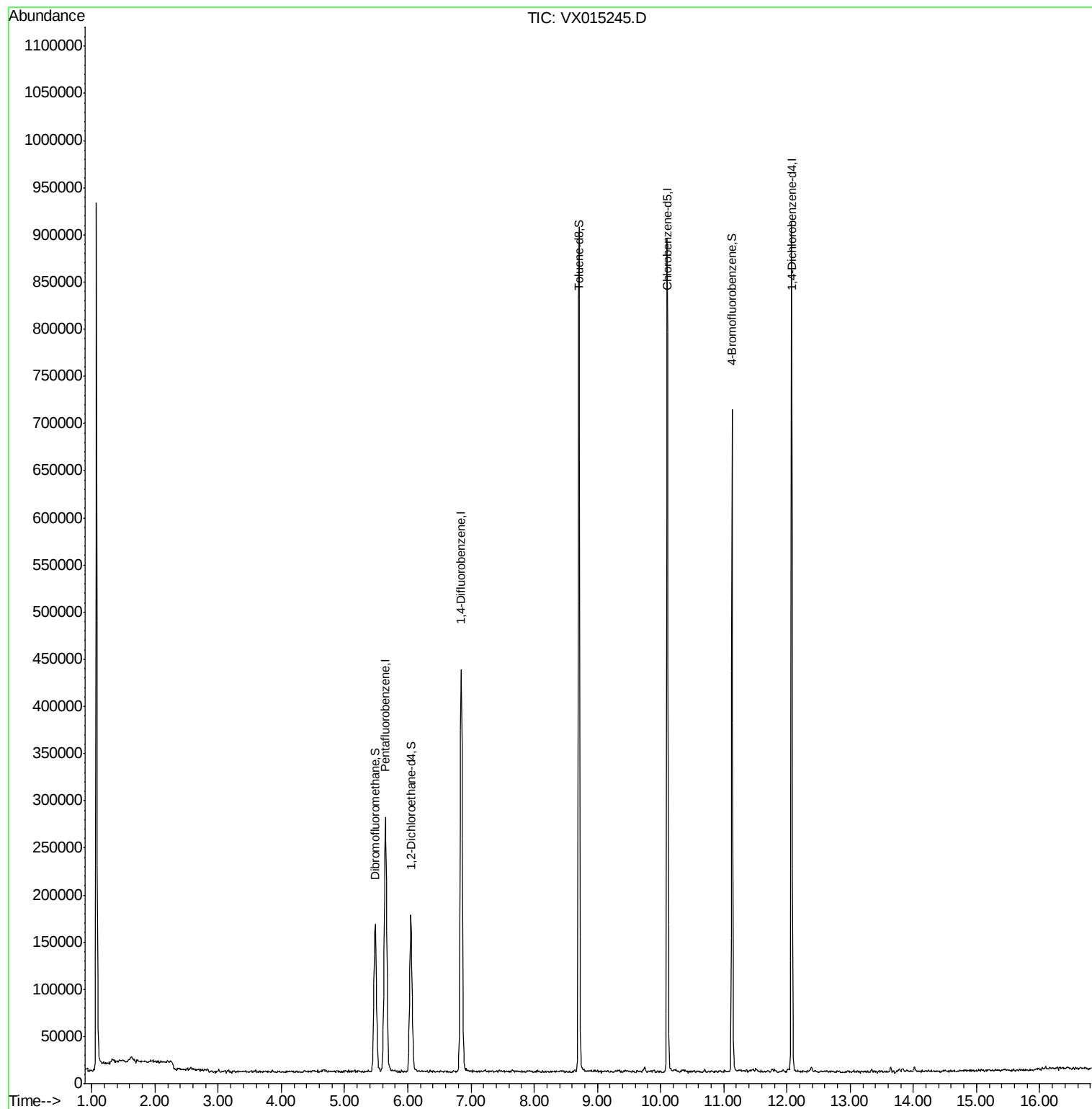
Target Compounds	Qvalue

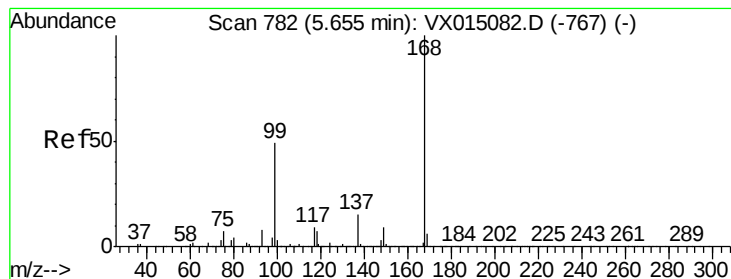
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

Instrument :

MSVOA_X

ClientSampleId :

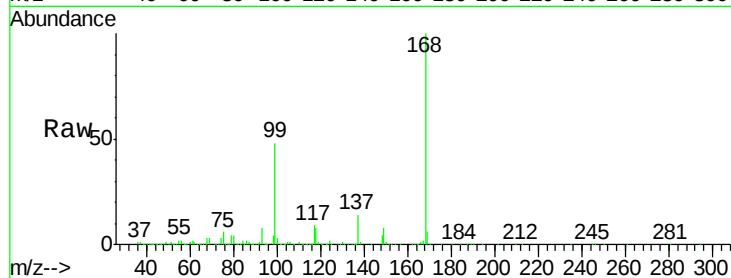
VX0313WBL01

Tot Ion:168 Resp: 281011

Ion Ratio Lower Upper

168 100

99 47.6 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

100000

80000

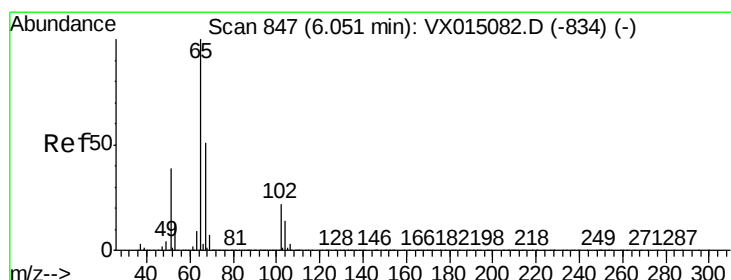
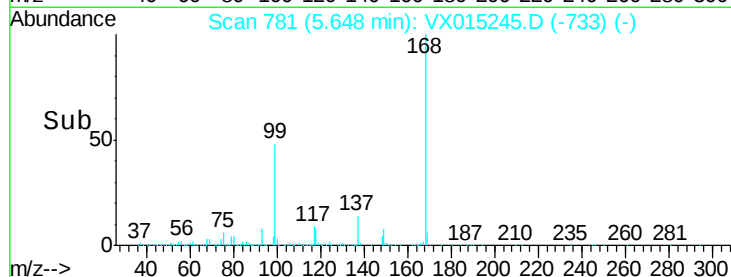
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.300 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015245.D

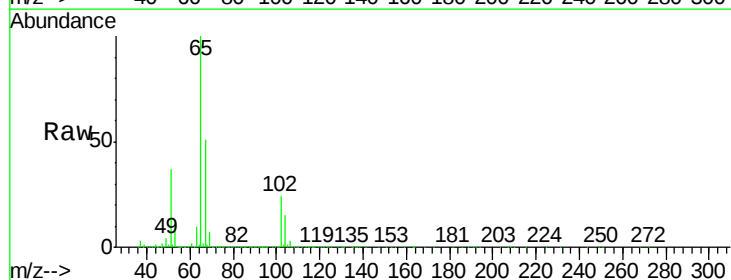
Acq: 13 Mar 2020 09:34

Tgt Ion: 65 Resp: 154356

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

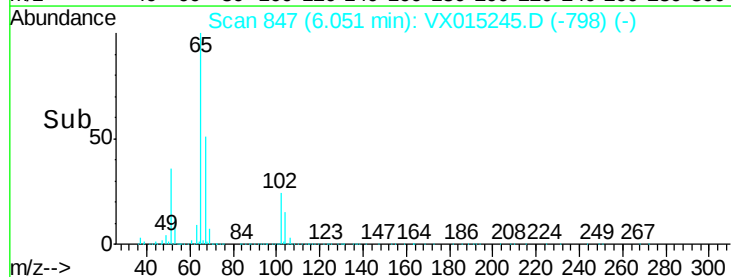
60000

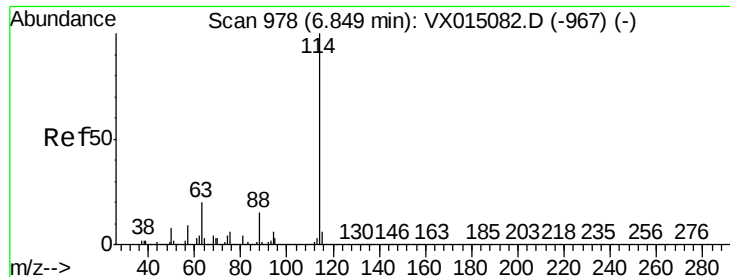
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

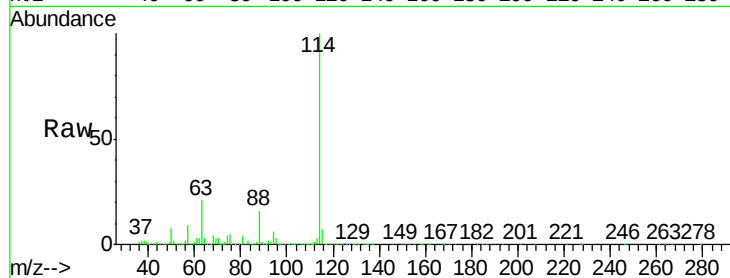
Tot Ion:114 Resp: 437721

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.8 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

250000

200000

150000

100000

50000

0

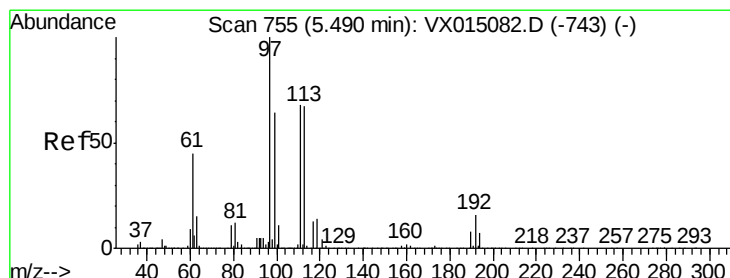
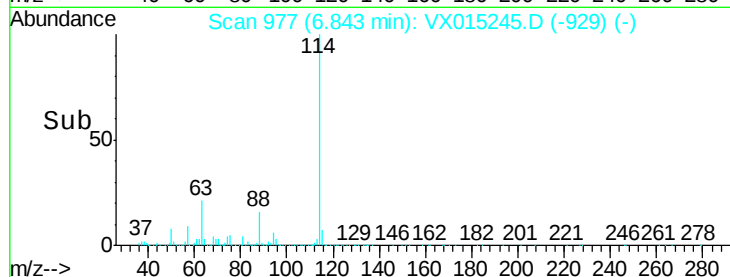
6.70

6.80

6.90

7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.253 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

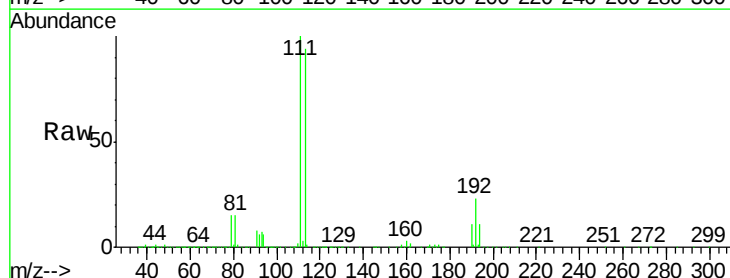
Tgt Ion:113 Resp: 133248

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 25.3 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

60000

40000

20000

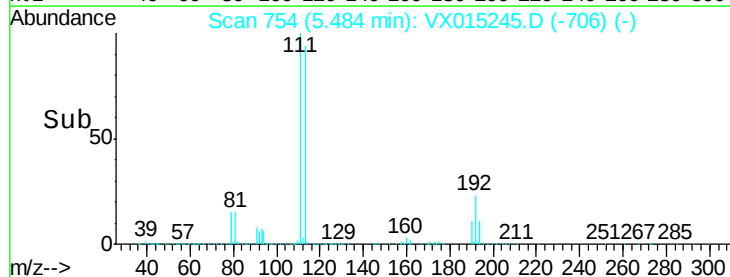
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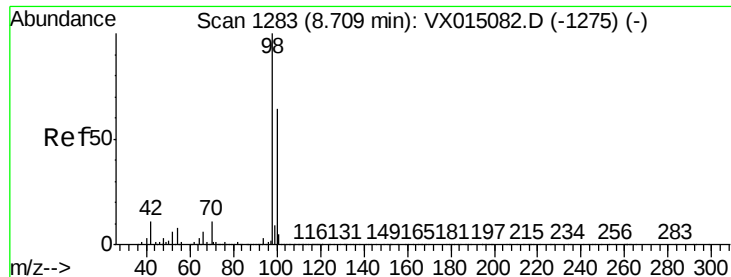
5.40

5.50

5.60

Time-->





#50

Toluene-d8

Concen: 50.349 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

Instrument :

MSVOA_X

ClientSampleId :

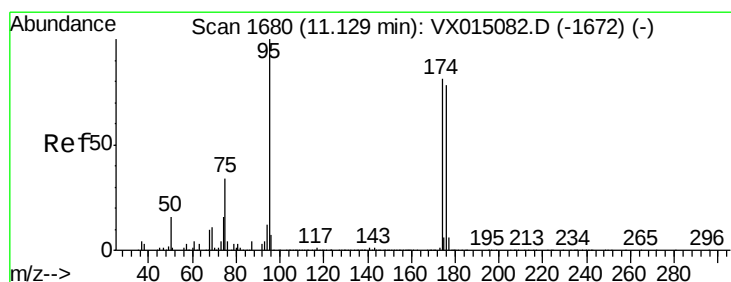
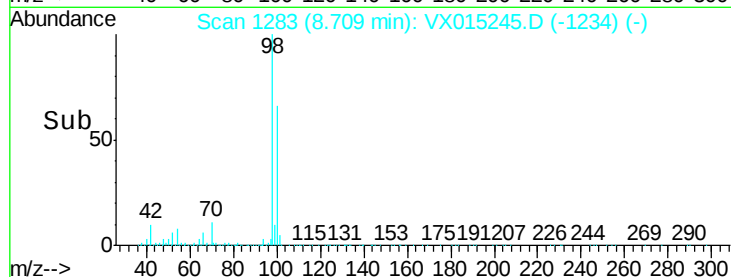
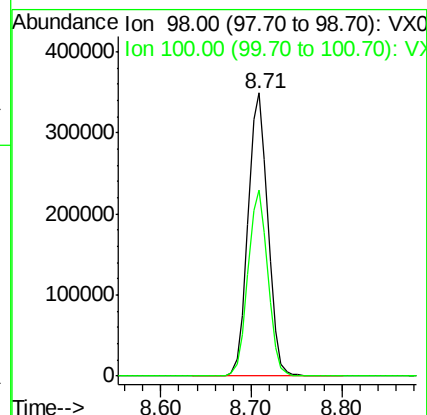
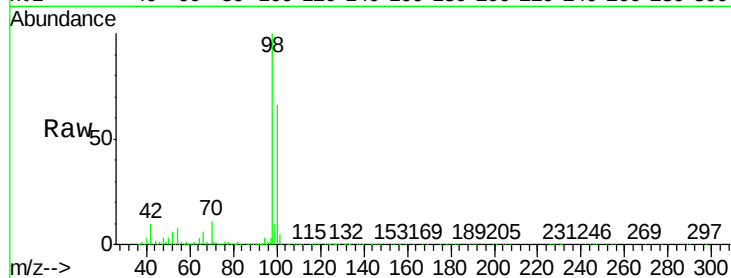
VX0313WBL01

Tot Ion: 98 Resp: 528870

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.929 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

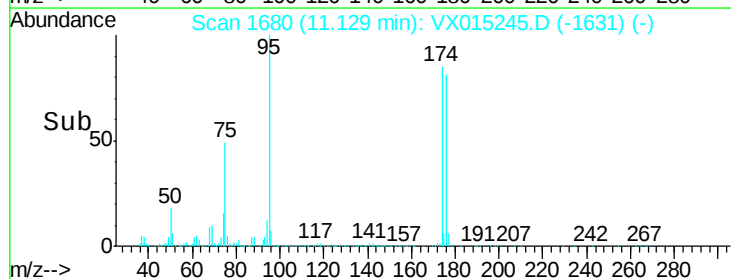
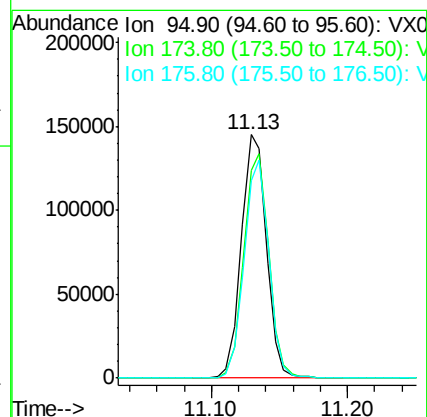
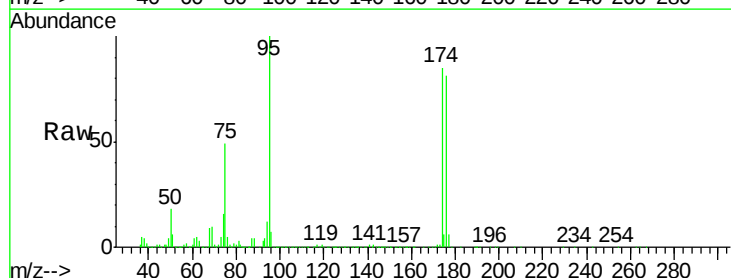
Tgt Ion: 95 Resp: 187070

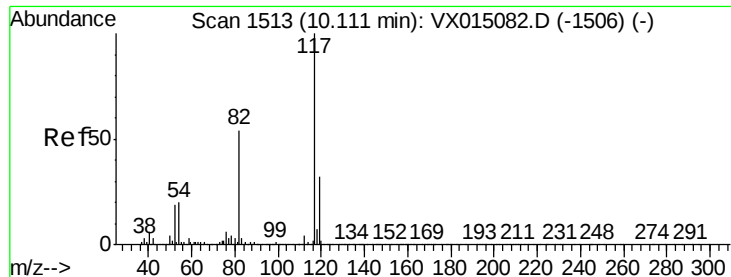
Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.6

176 87.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015245.D

Acq: 13 Mar 2020 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

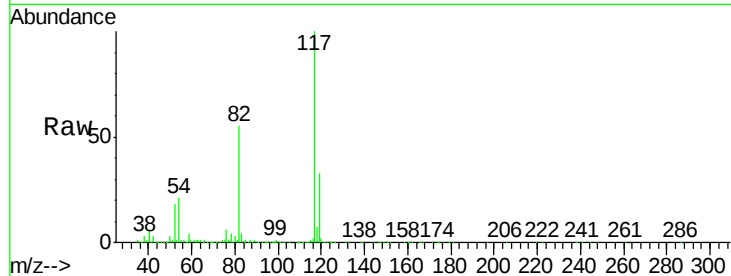
Tot Ion:117 Resp: 413872

Ion Ratio Lower Upper

117 100

82 55.3 43.3 64.9

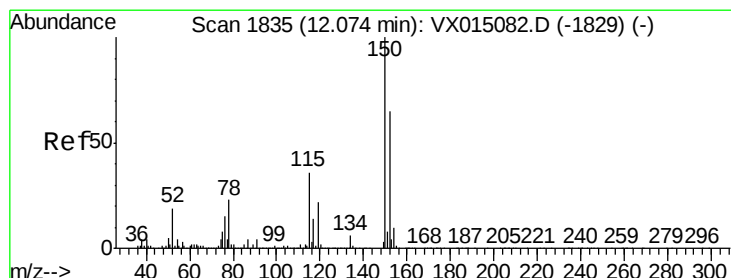
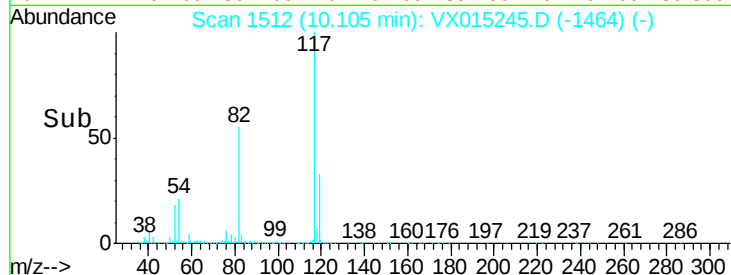
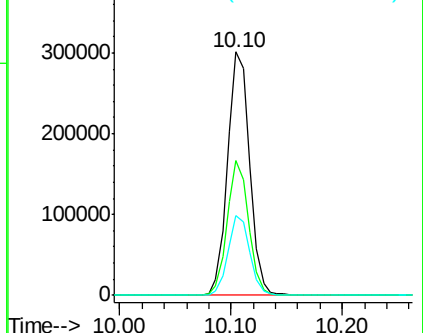
119 32.6 25.8 38.8



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: VX015245.D

Acq: 13 Mar 2020 09:34

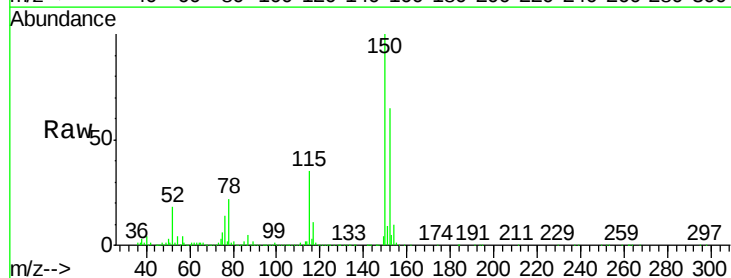
Tgt Ion:152 Resp: 198213

Ion Ratio Lower Upper

152 100

115 54.9 38.2 114.6

150 155.9 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

