

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
 Data File : VX014434.D
 Acq On : 06 Jan 2020 17:52
 Operator : JC/SP
 Sample : L1020-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 07 05:56:56 2020
 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	562668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	855887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	298584	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.49	113	249803	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.71	98	1004522	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	346274	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

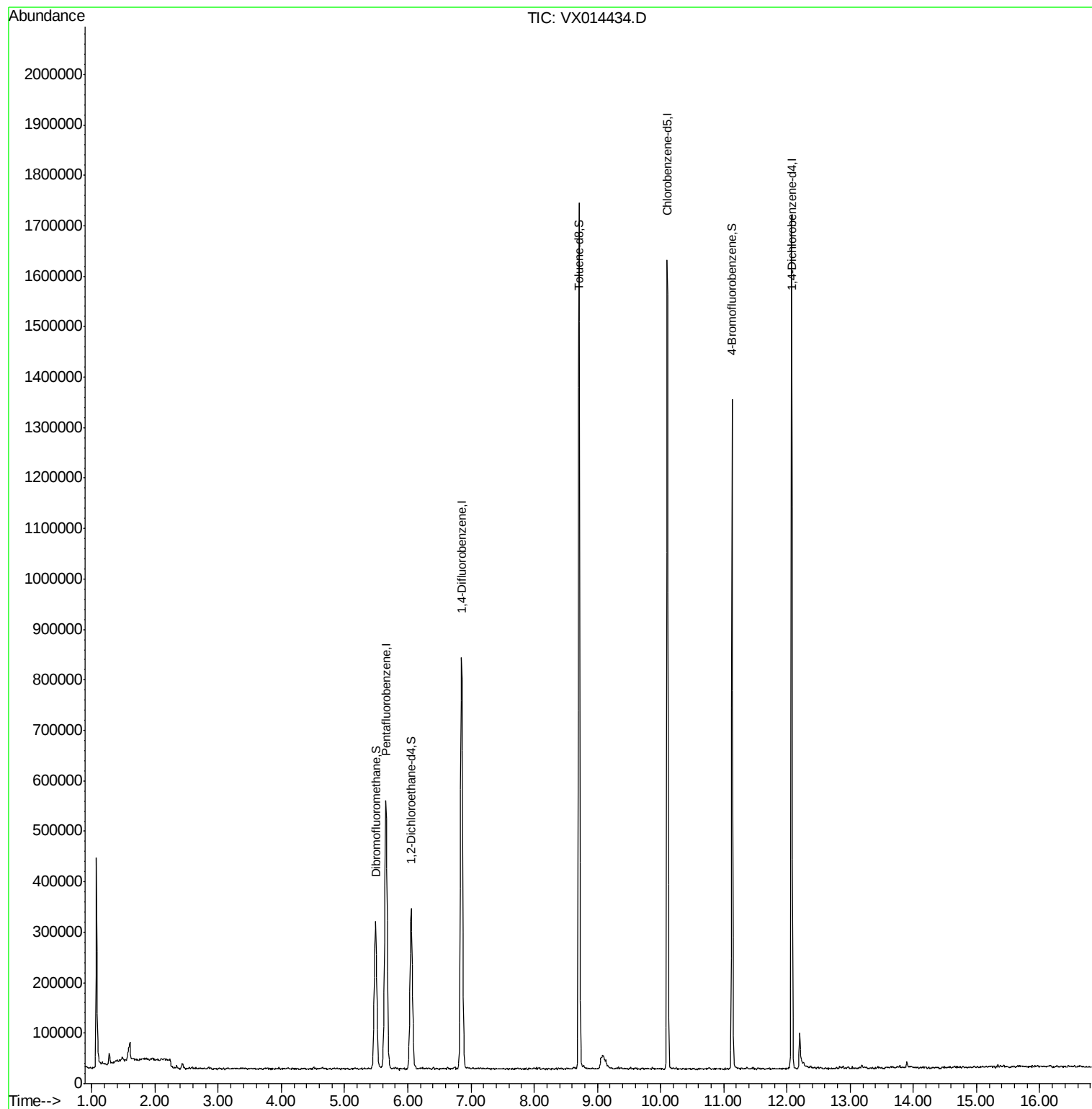
Target Compounds	Qvalue

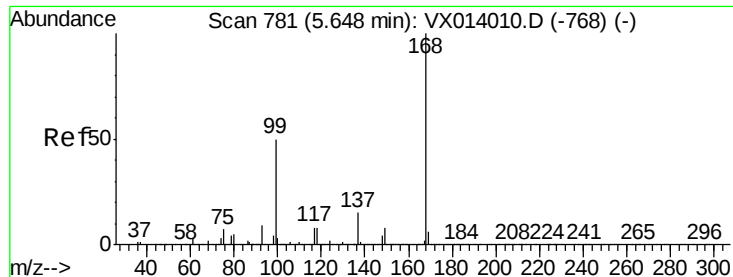
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

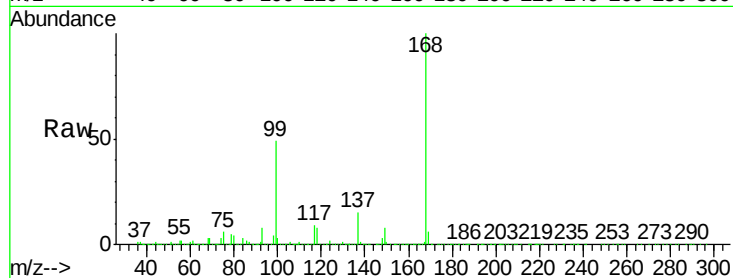
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 562668

Ion Ratio Lower Upper

168 100

99 48.7 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

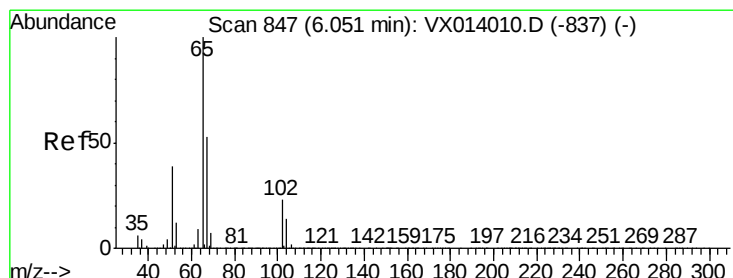
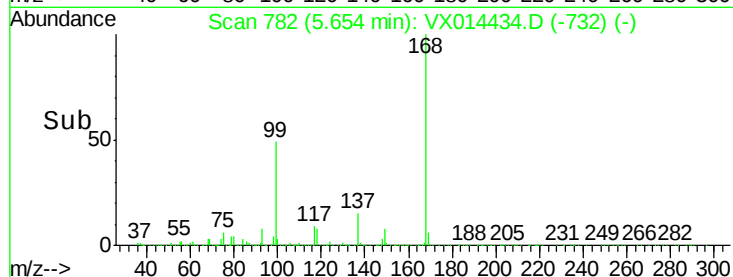
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.822 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014434.D

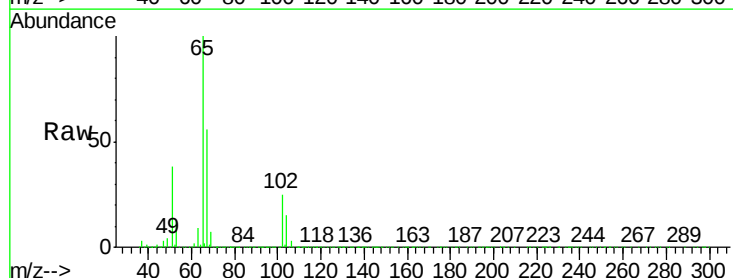
Acq: 06 Jan 2020 17:52

Tgt Ion: 65 Resp: 298584

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

60000

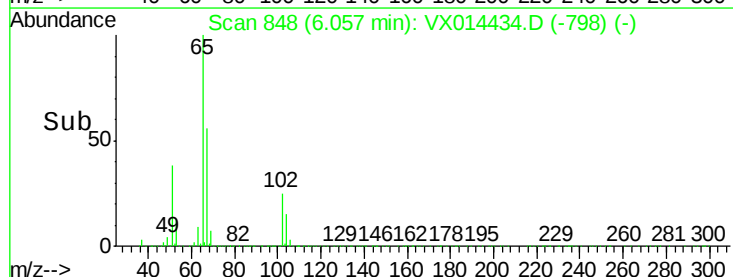
40000

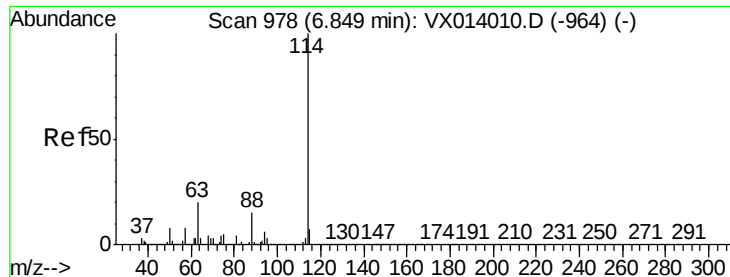
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014434.D

Acq: 06 Jan 2020 17:52

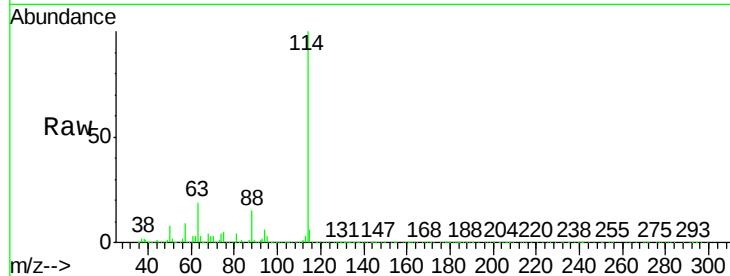
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

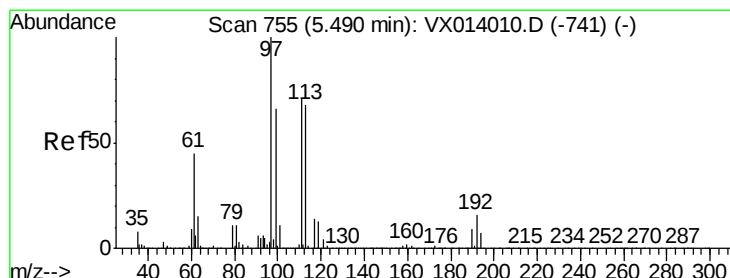
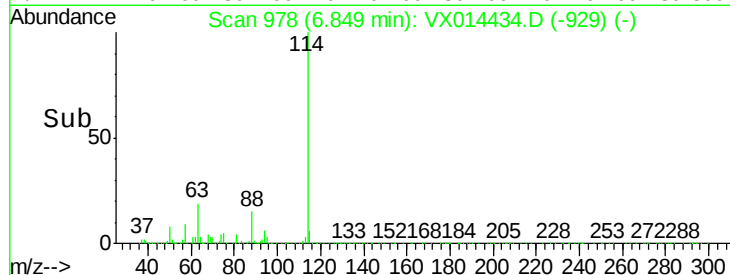
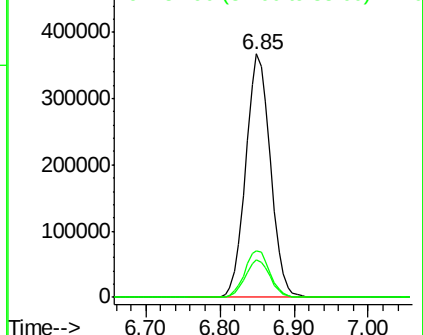
Tgt Ion:	114	Resp:	855887
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.8
88	15.4	0.0	30.4



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: 48.013 ug/l

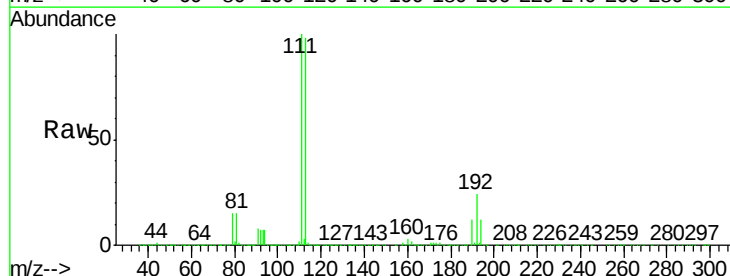
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014434.D

Acq: 06 Jan 2020 17:52

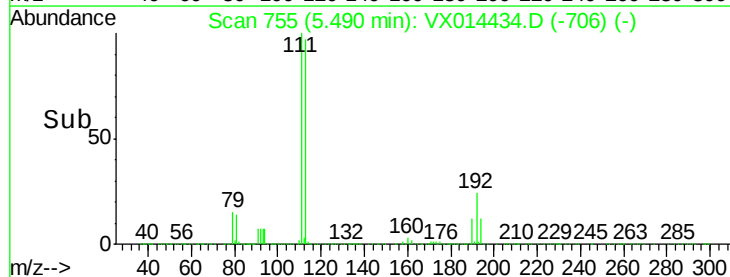
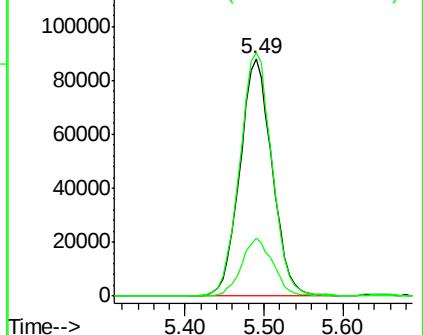
Tgt Ion:	113	Resp:	249803
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	24.2	19.3	28.9

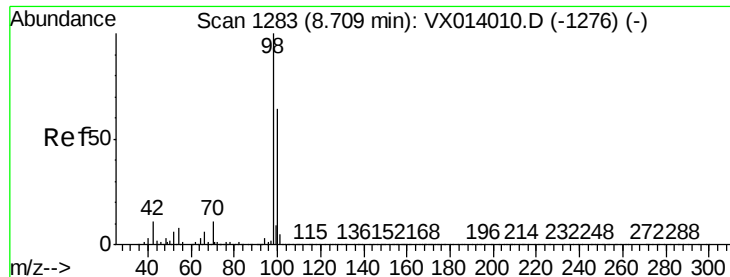


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.591 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014434.D

Acq: 06 Jan 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

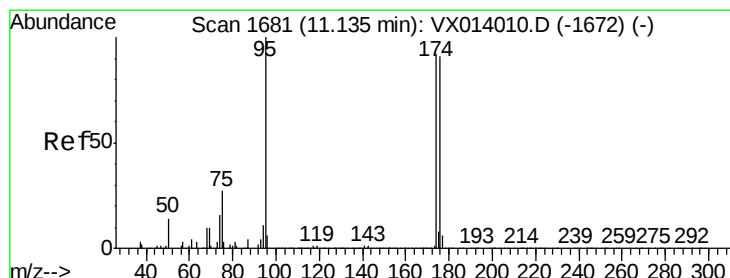
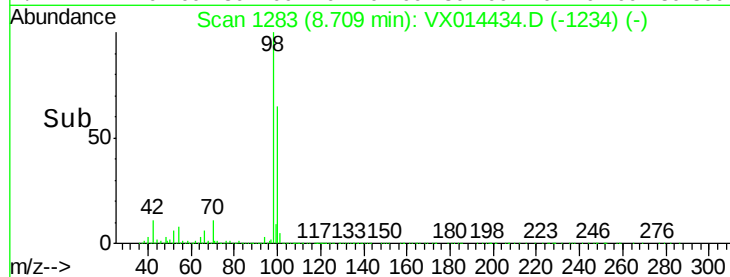
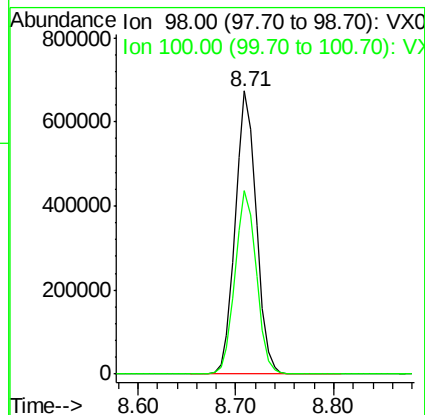
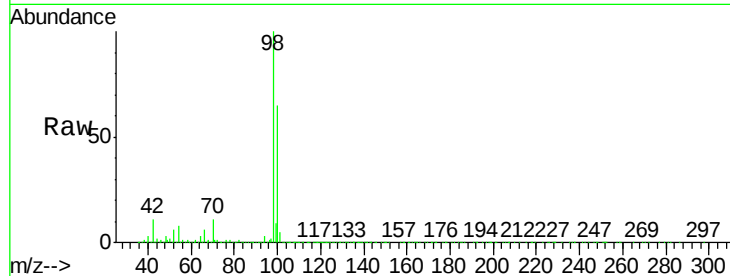
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 98 Resp: 1004522

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.766 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014434.D

Acq: 06 Jan 2020 17:52

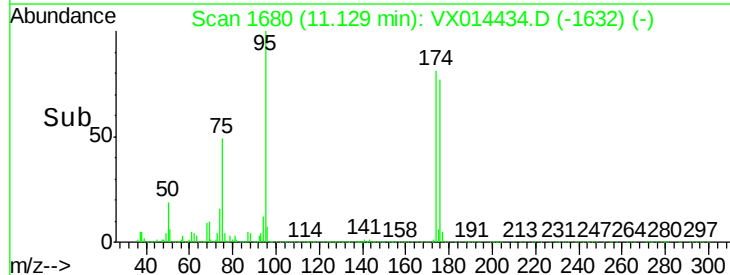
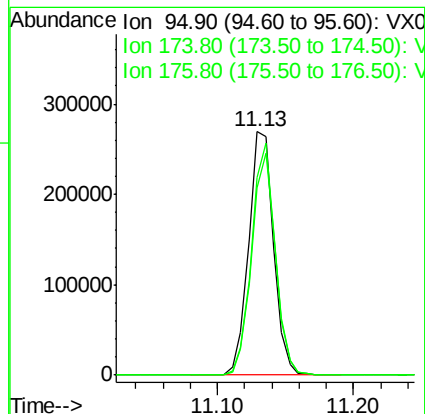
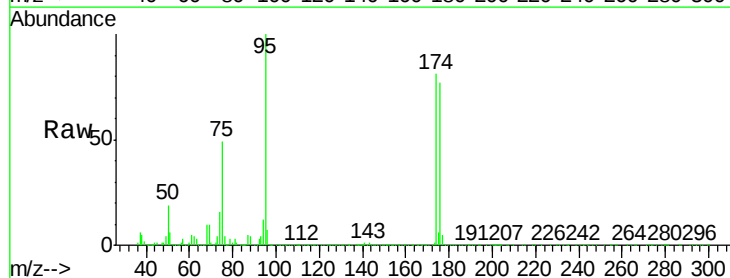
Tgt Ion: 95 Resp: 346274

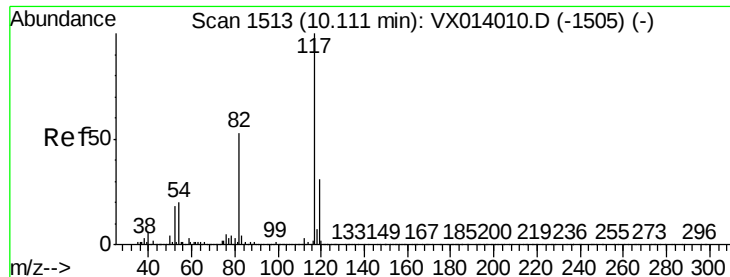
Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.8

176 87.4 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: VX014434.D

Acq: 06 Jan 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

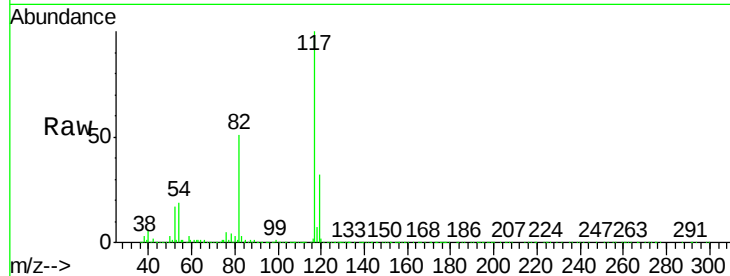
Tgt Ion:117 Resp: 771149

Ion Ratio Lower Upper

117 100

82 51.2 42.2 63.4

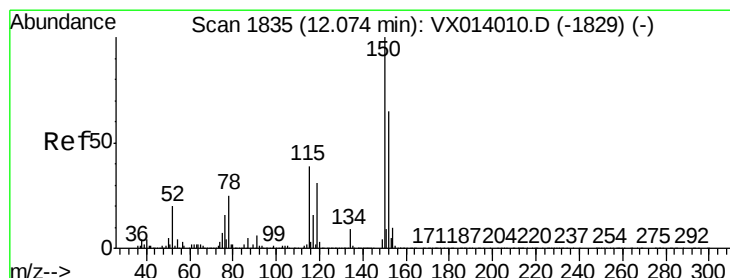
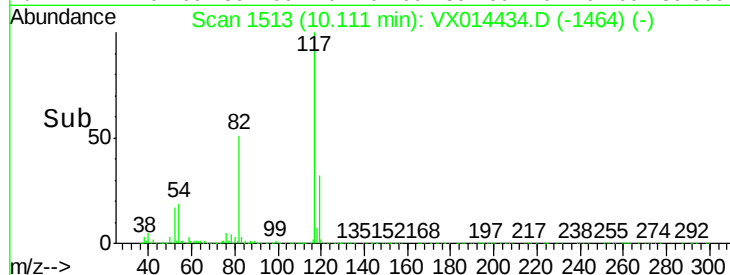
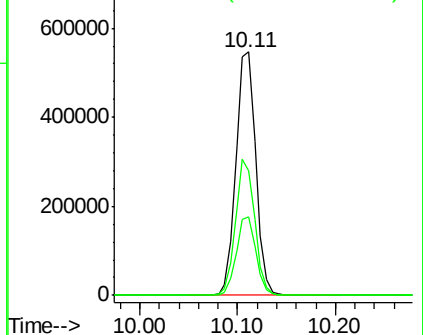
119 32.4 25.1 37.7



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: VX014434.D

Acq: 06 Jan 2020 17:52

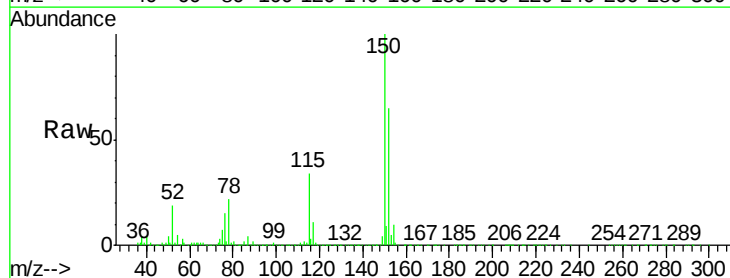
Tgt Ion:152 Resp: 354421

Ion Ratio Lower Upper

152 100

115 55.1 38.3 114.9

150 155.4 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

