

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014484.D
 Acq On : 08 Jan 2020 20:13
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 09 07:54:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	516889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284100	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.48	113	236672	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	938105	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.14	95	322470	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

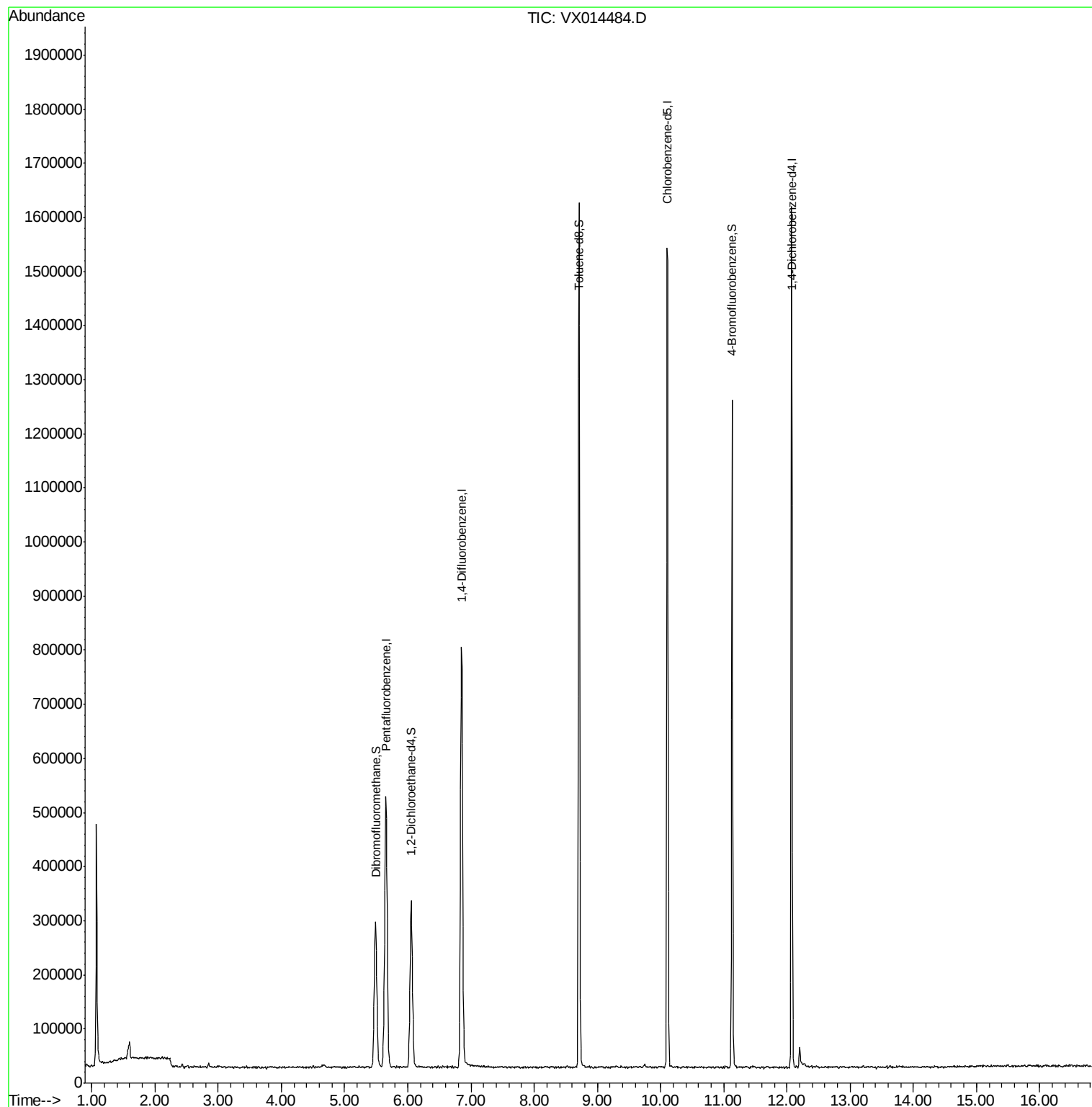
Target Compounds	Qvalue

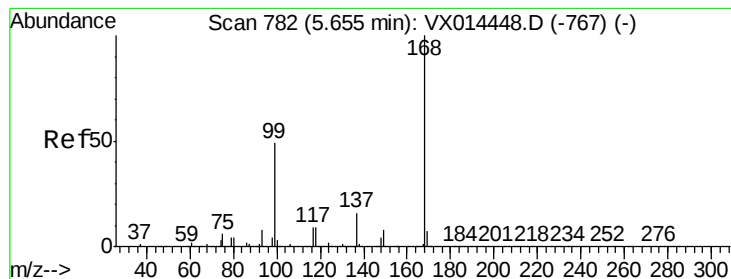
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

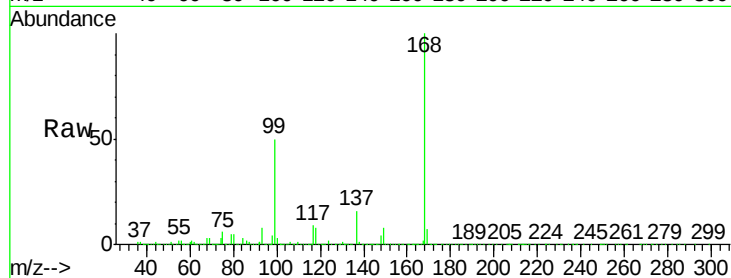
IBLK

Tgt Ion:168 Resp: 516889

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

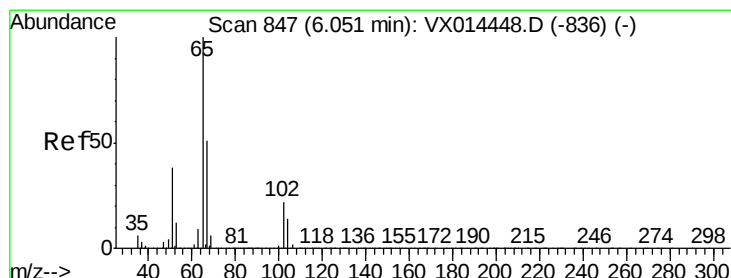
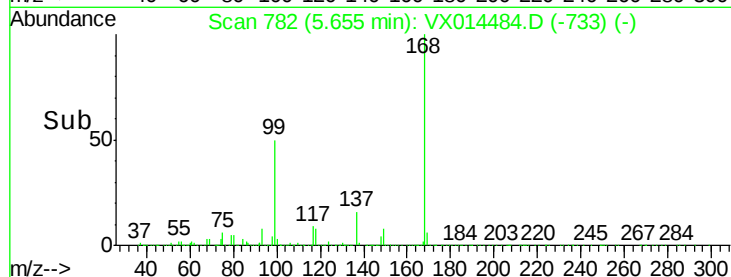
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.235 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014484.D

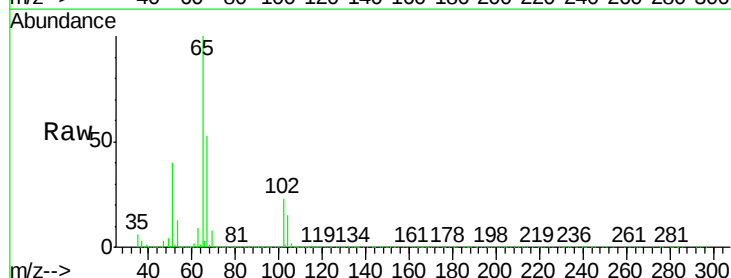
Acq: 08 Jan 2020 20:13

Tgt Ion: 65 Resp: 284100

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

60000

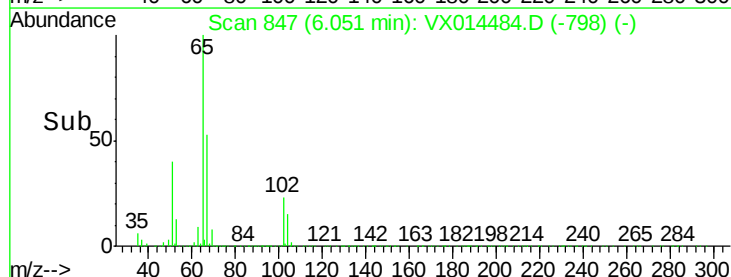
40000

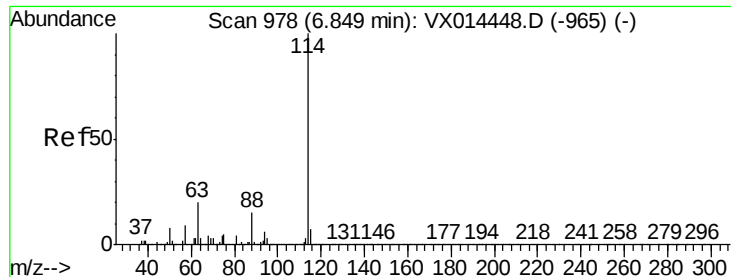
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

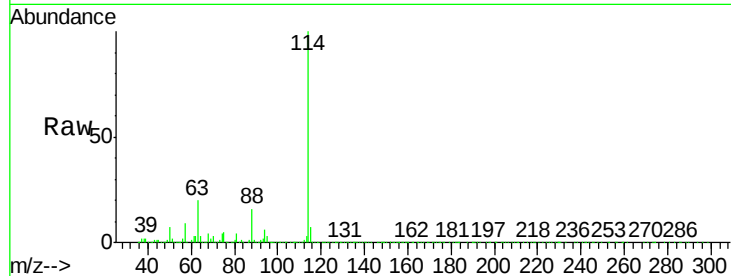
Instrument :

MSVOA_X

ClientSampleId :

IBLK

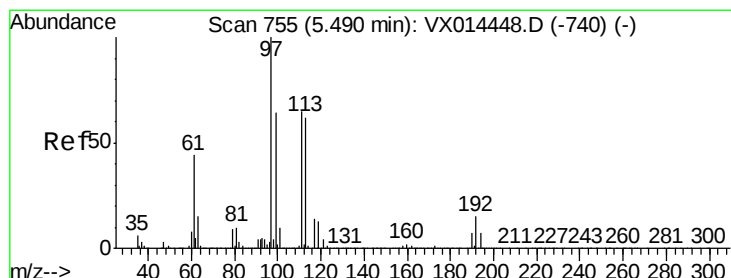
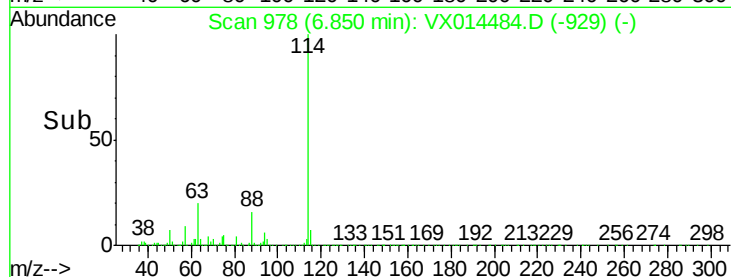
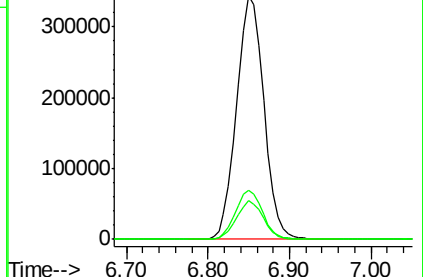
Tgt Ion:	114	Resp:	797204
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.9	0.0	30.8



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: 49.043 ug/l

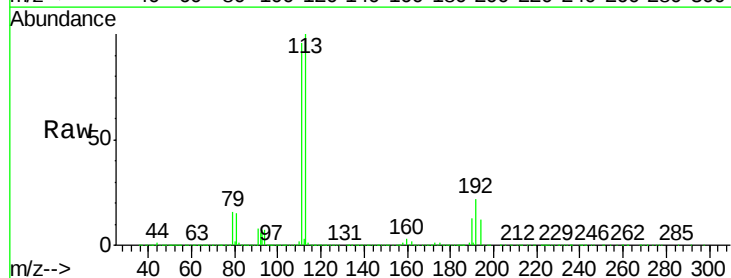
RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

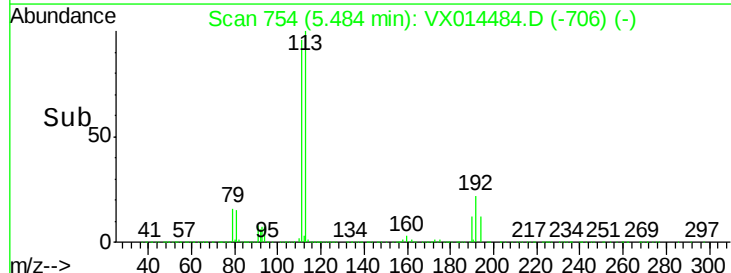
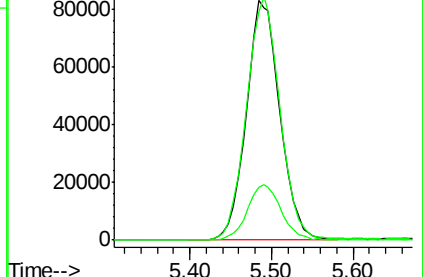
Tgt Ion:	113	Resp:	236672
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.3	19.2	28.8

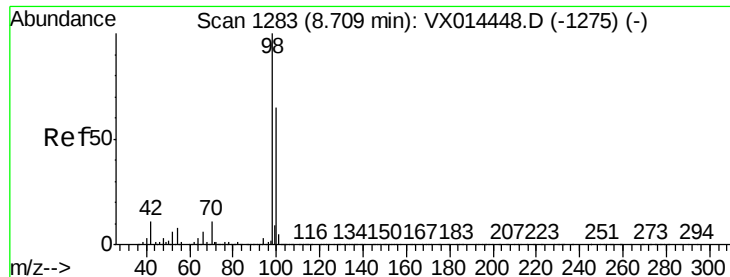


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.093 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

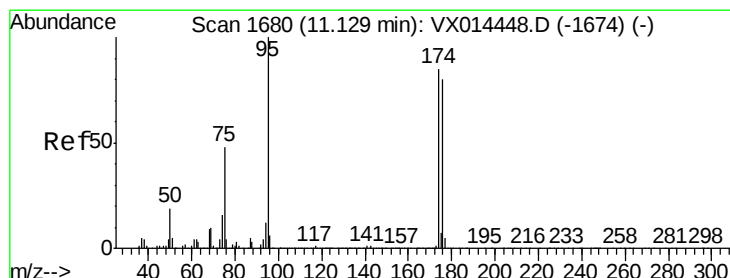
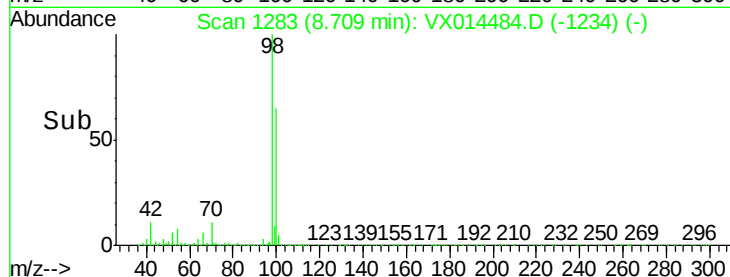
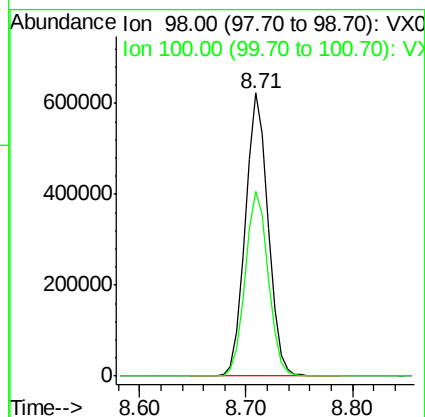
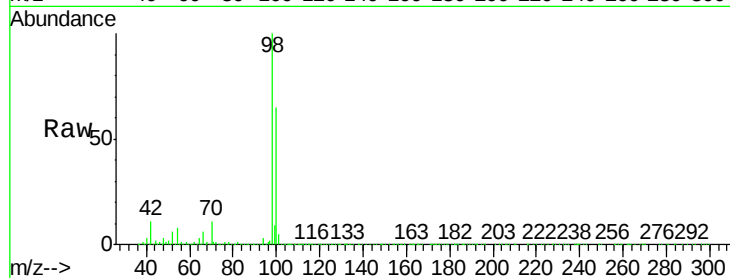
IBLK

Tgt Ion: 98 Resp: 938105

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.904 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

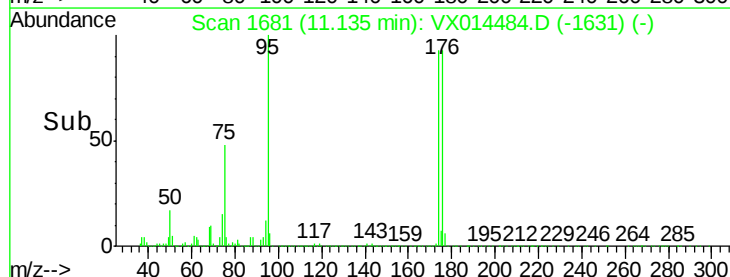
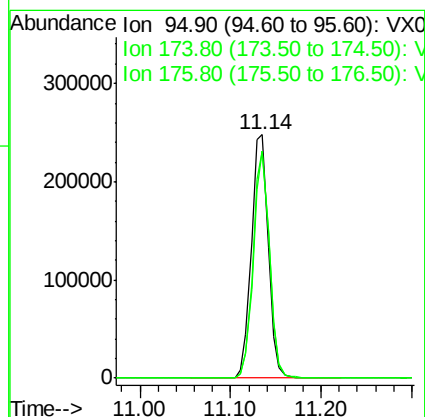
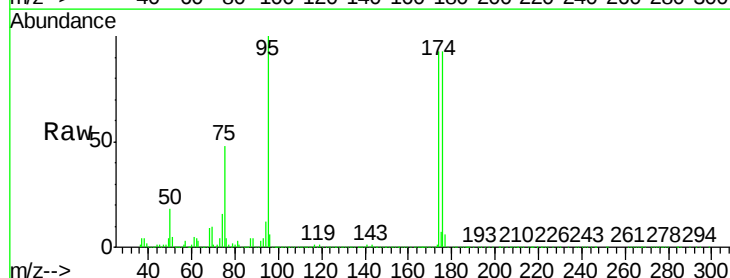
Tgt Ion: 95 Resp: 322470

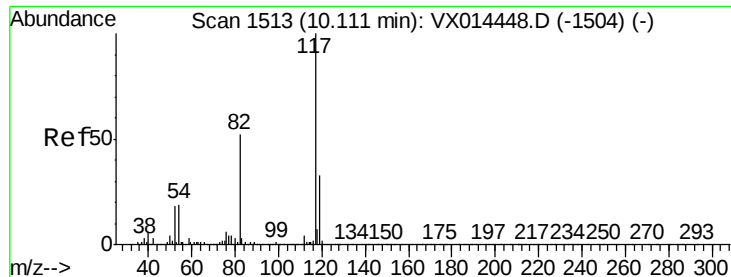
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

176 87.7 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014484.D

Acq: 08 Jan 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK

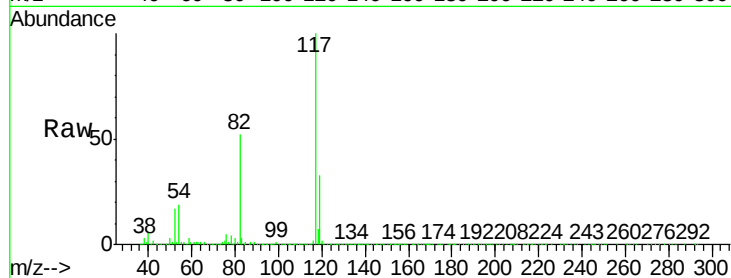
Tgt Ion:117 Resp: 723247

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.6

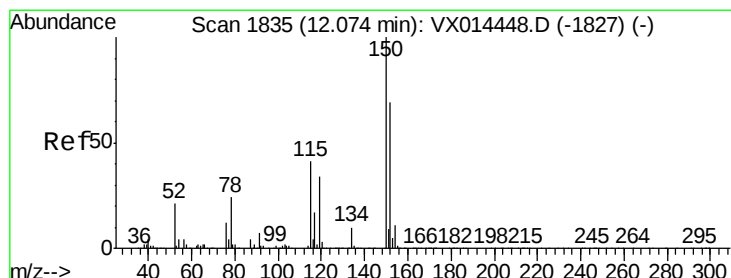
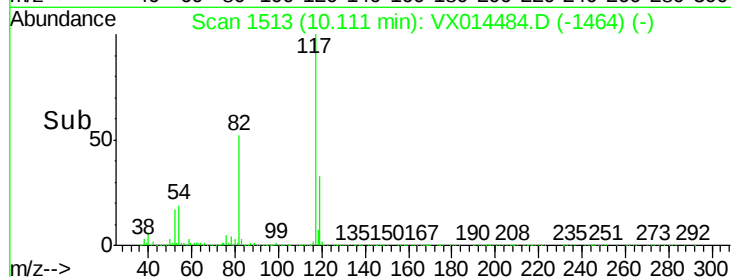
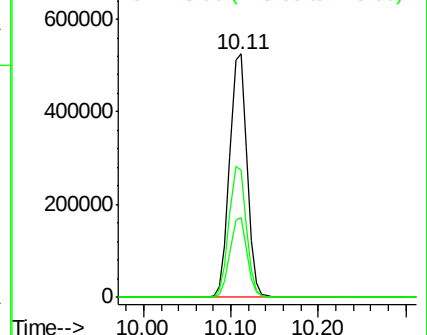
119 32.7 26.2 39.4



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: VX014484.D

Acq: 08 Jan 2020 20:13

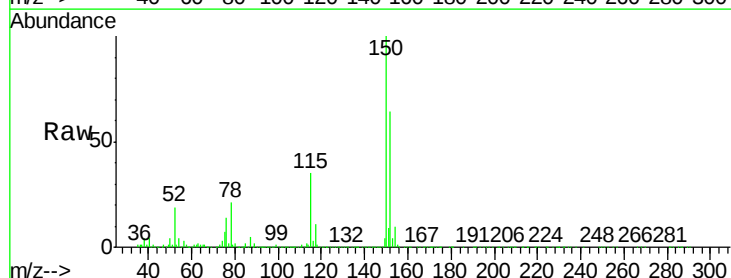
Tgt Ion:152 Resp: 331358

Ion Ratio Lower Upper

152 100

115 56.1 39.5 118.3

150 158.1 0.0 350.2



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

