

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015766.D
 Acq On : 20 Apr 2020 15:27
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 21 08:08:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

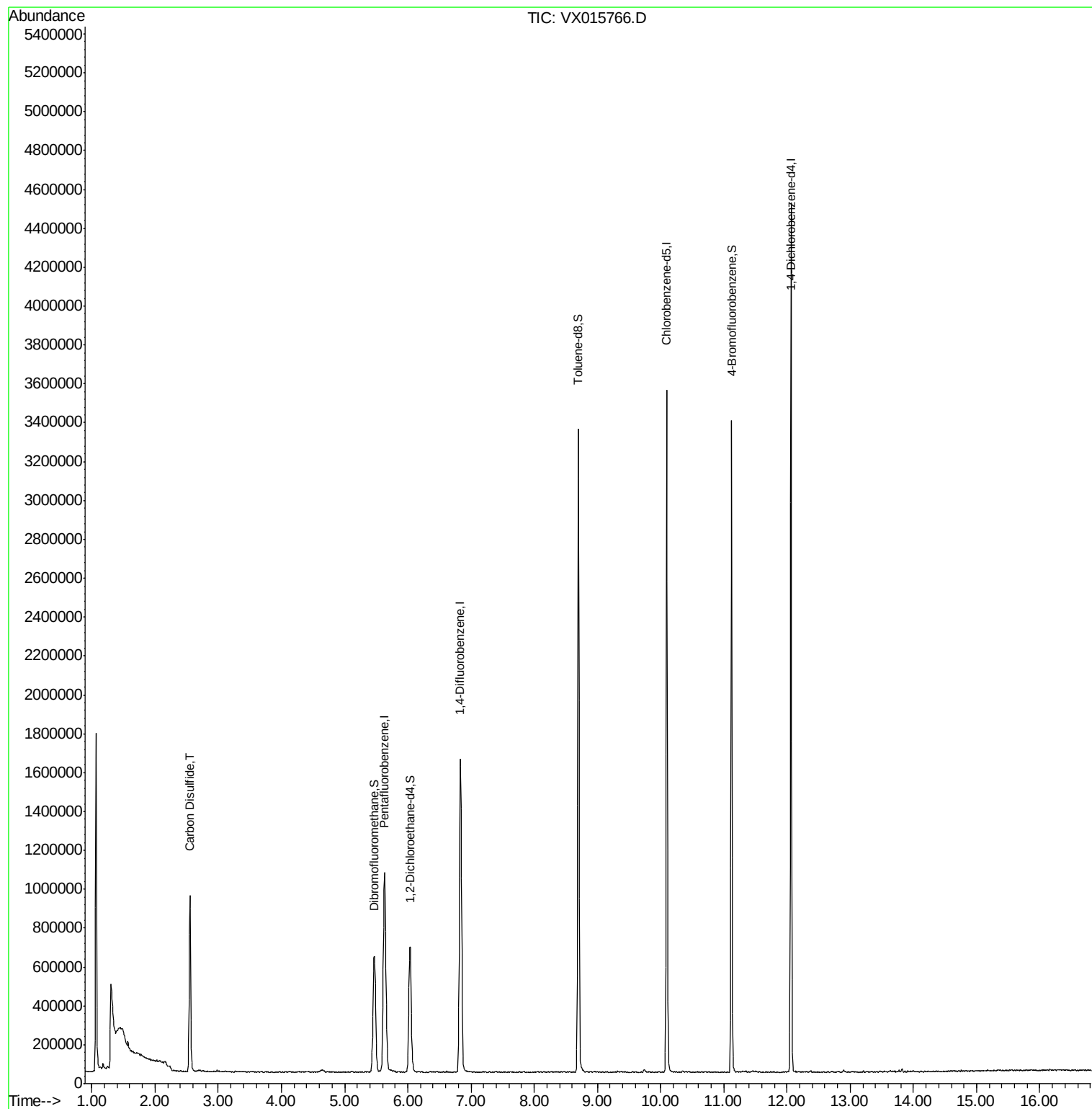
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1070922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1656124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1595969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	909836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	630423	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
35) Dibromofluoromethane	5.47	113	515283	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.70	98	1962834	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	841531	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
Target Compounds						
17) Carbon Disulfide	2.55	76	1113559	36.104	ug/l	Qvalue 100

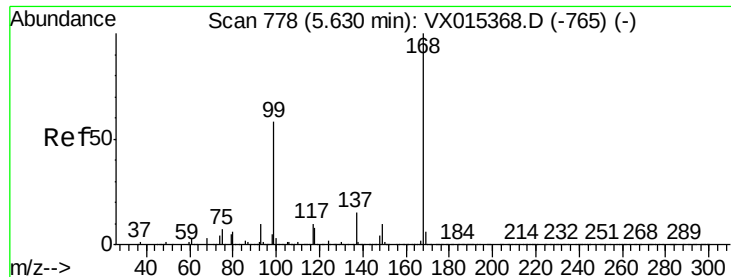
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

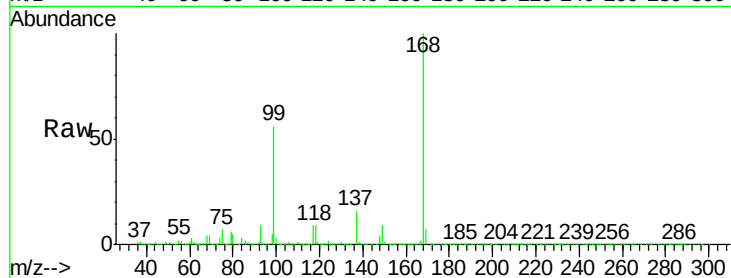
IBLK

Tot Ion:168 Resp: 1070922

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

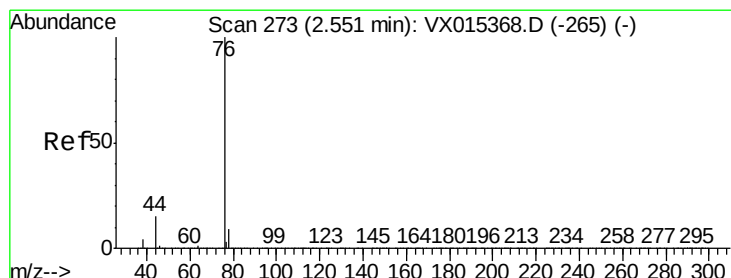
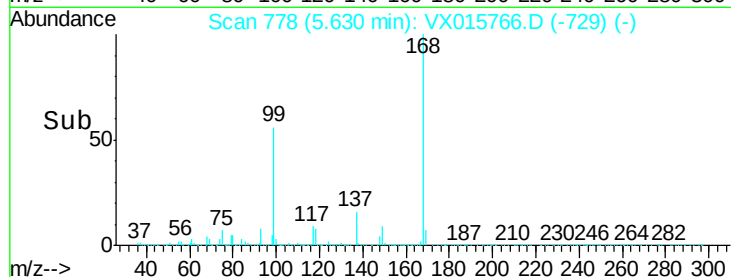
300000

200000

100000

0

Time-->



#17

Carbon Disulfide

Concen: 36.104 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015766.D

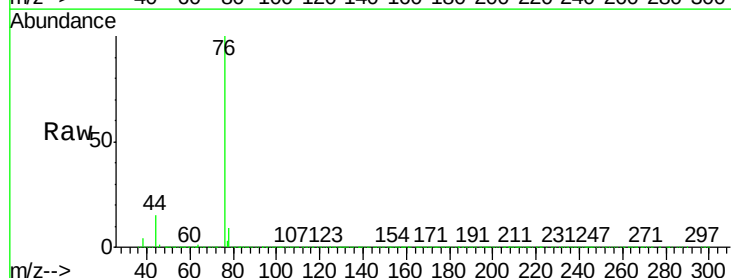
Acq: 20 Apr 2020 15:27

Tgt Ion: 76 Resp: 1113559

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

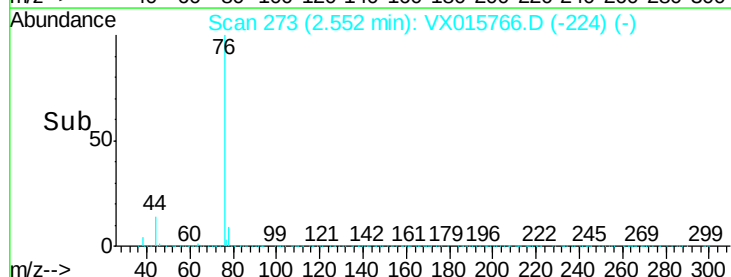
600000

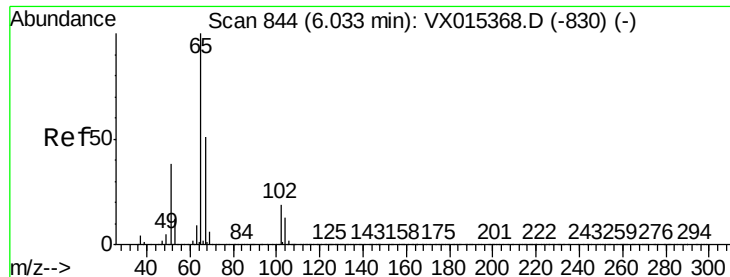
400000

200000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.738 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

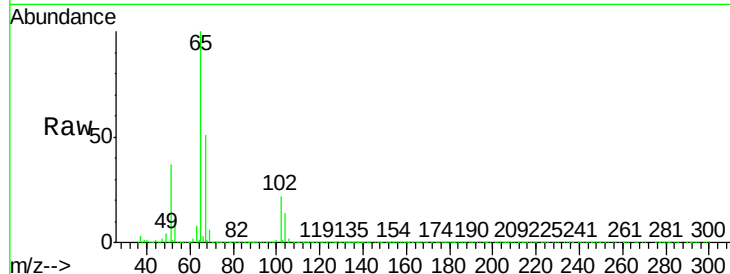
IBLK

Tot Ion: 65 Resp: 630423

Ion Ratio Lower Upper

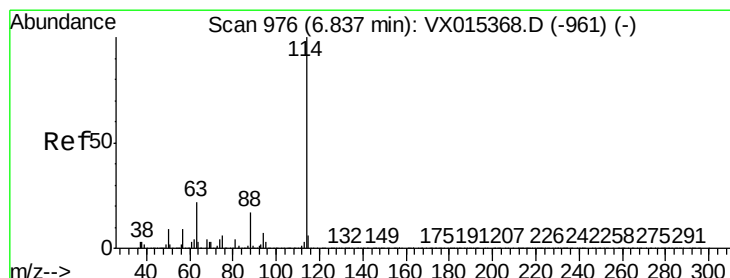
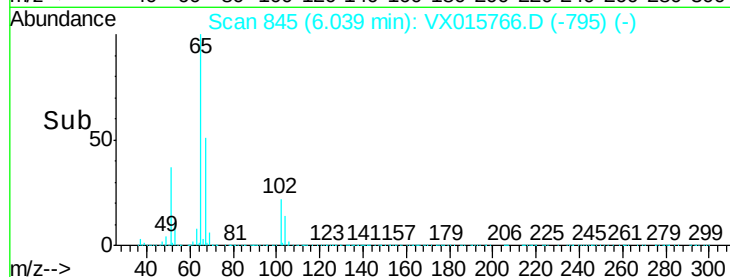
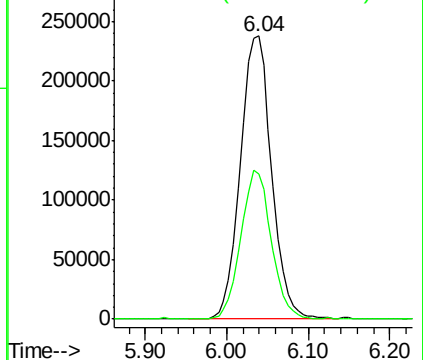
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

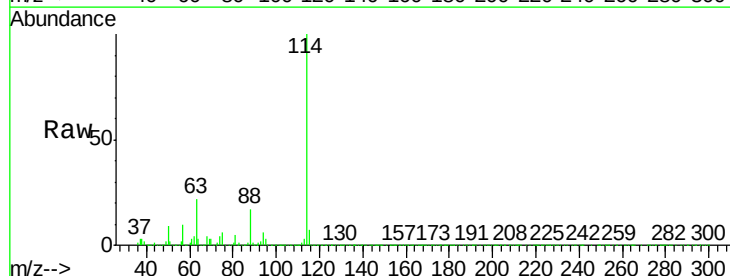
Tgt Ion: 114 Resp: 1656124

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

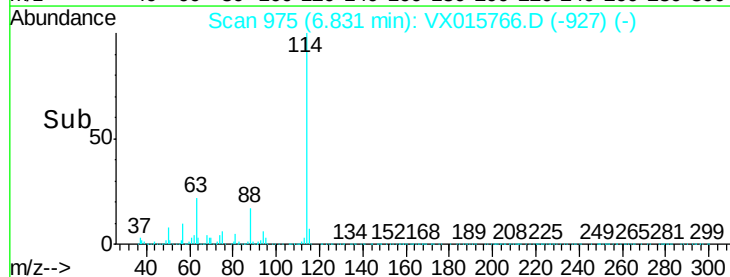
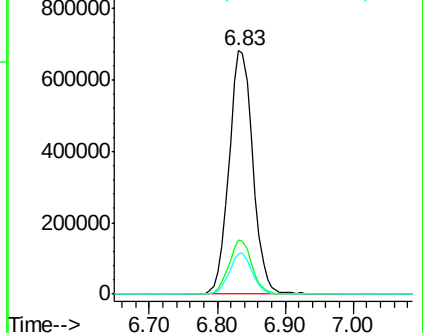
88 16.5 0.0 33.8

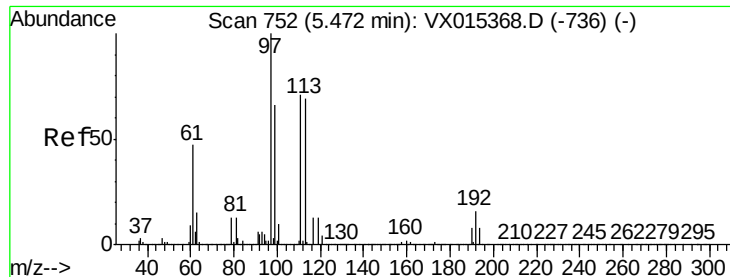


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.674 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

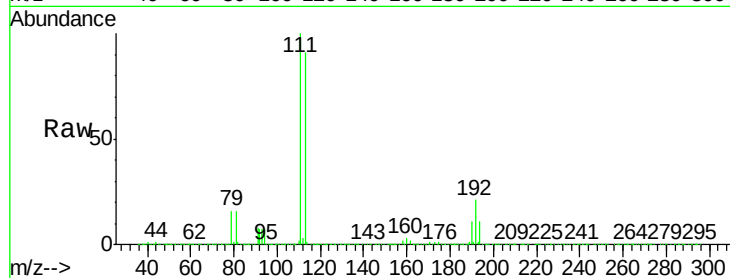
Tot Ion:113 Resp: 515283

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

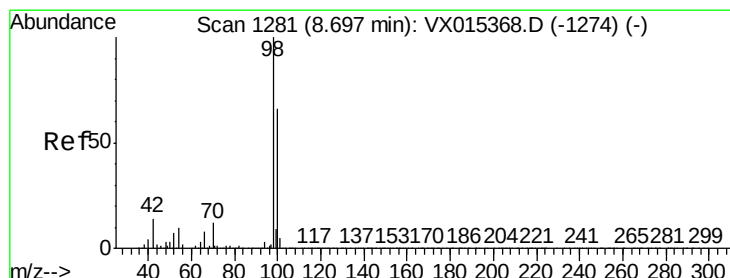
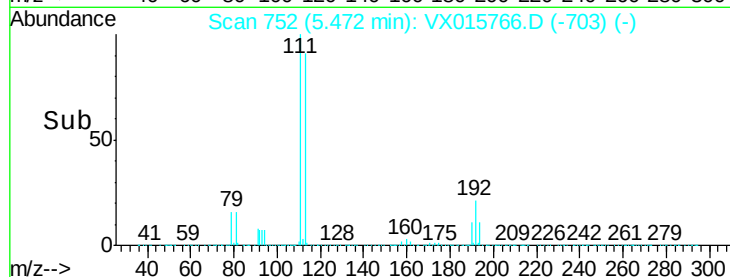
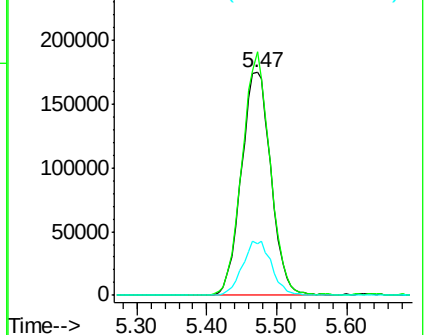
192 23.8 17.8 26.6



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: 50.360 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015766.D

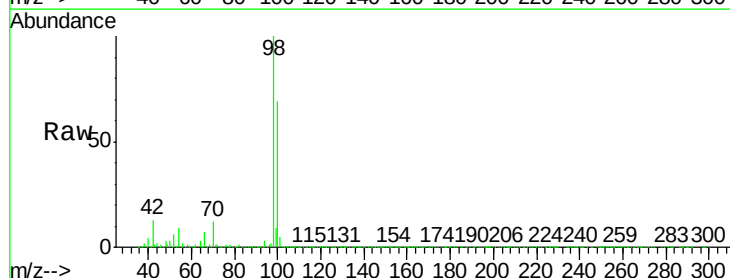
Acq: 20 Apr 2020 15:27

Tgt Ion: 98 Resp: 1962834

Ion Ratio Lower Upper

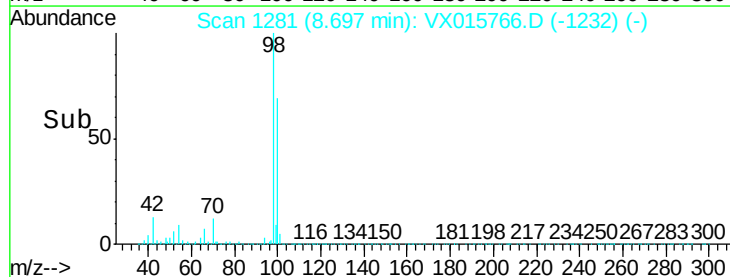
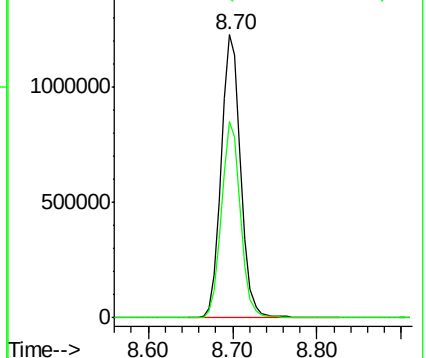
98 100

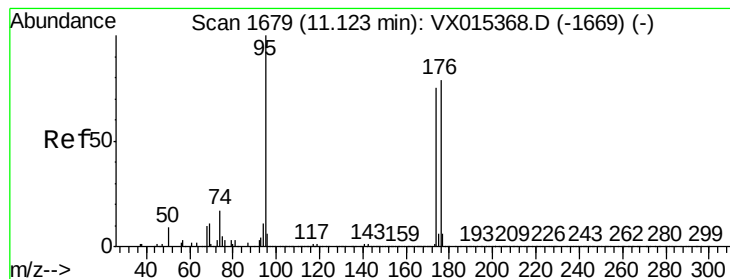
100 67.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.127 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

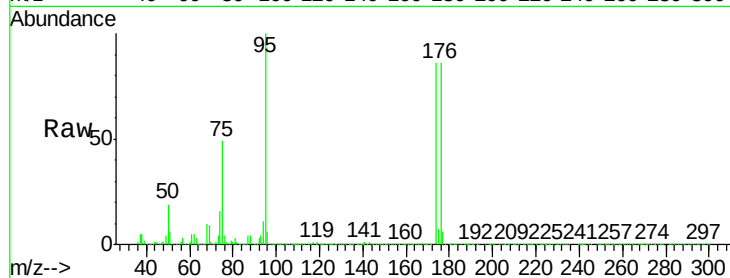
Tot Ion: 95 Resp: 841531

Ion Ratio Lower Upper

95 100

174 85.8 0.0 158.6

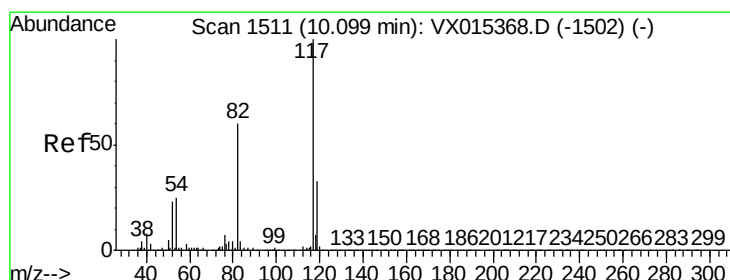
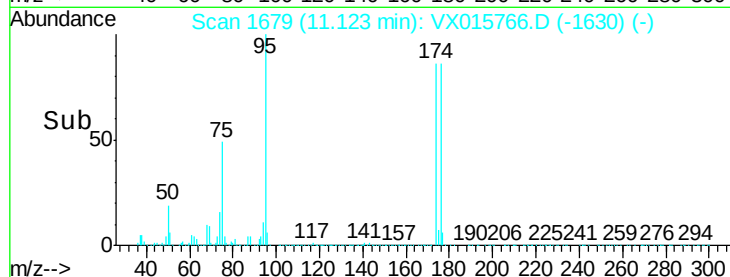
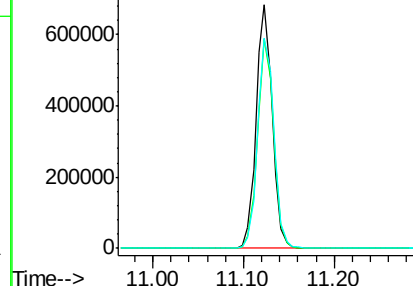
176 87.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015766.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015766.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015766.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

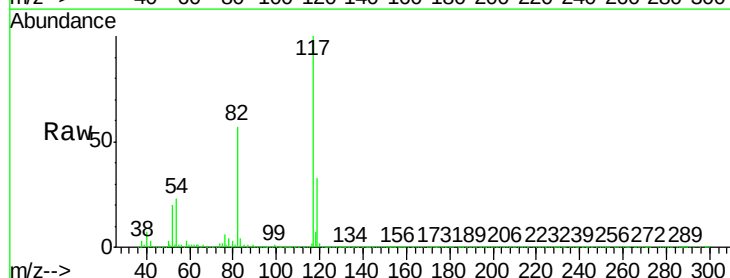
Tgt Ion: 117 Resp: 1595969

Ion Ratio Lower Upper

117 100

82 57.0 47.8 71.8

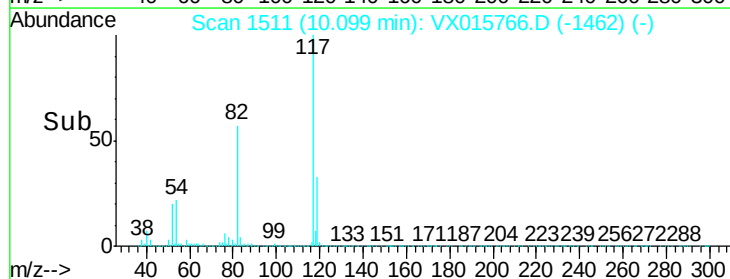
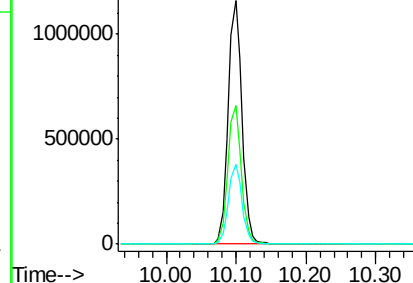
119 32.6 26.8 40.2

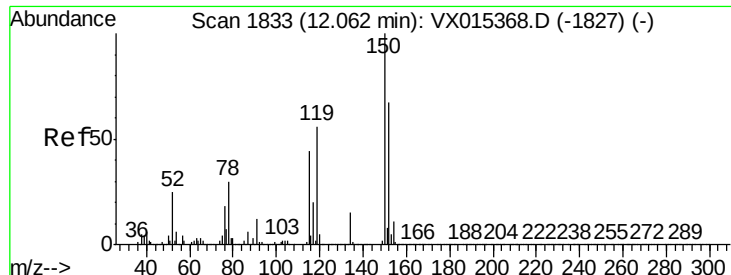


Abundance Ion 116.90 (116.60 to 117.60): VX015766.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015766.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015766.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

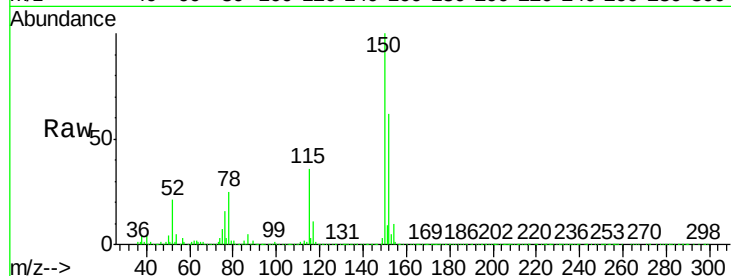
Tot Ion:152 Resp: 909836

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 155.3 0.0 340.8



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

