

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018860.D
 Acq On : 09 Oct 2020 17:22
 Operator : JC/SP
 Sample : L4336-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 10 06:47:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	216851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	345450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	329502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161739	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.47	113	121756	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.70	98	419921	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.12	95	157213	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

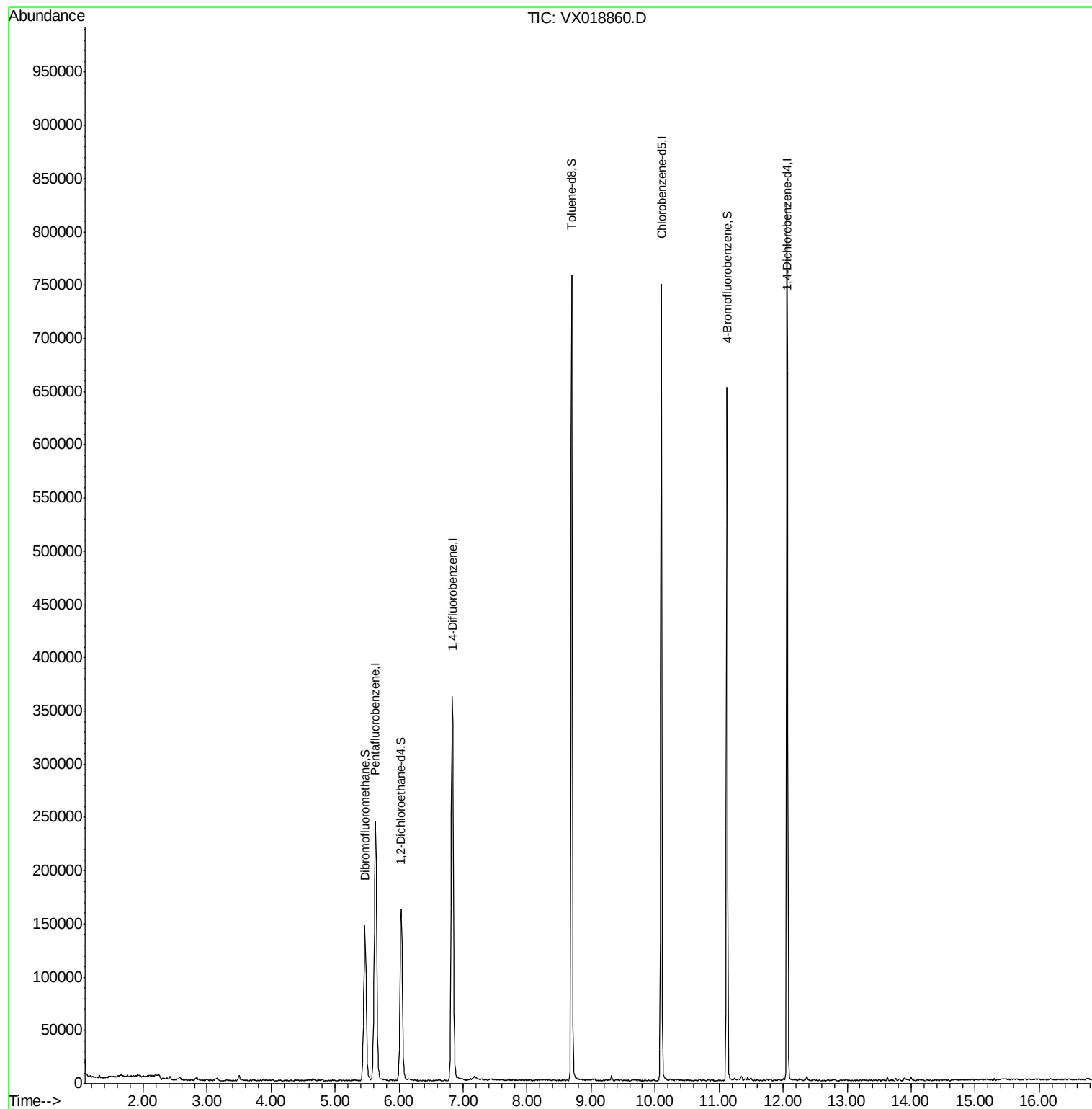
Target Compounds	Qvalue
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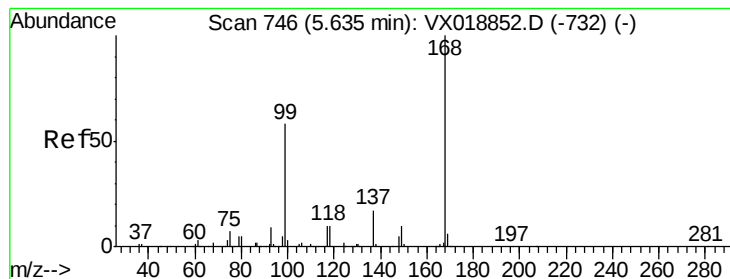
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

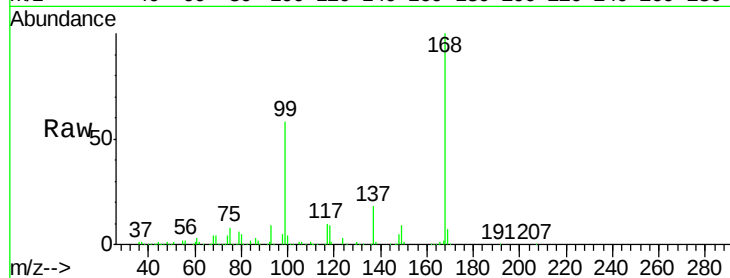
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 216851

Ion Ratio Lower Upper

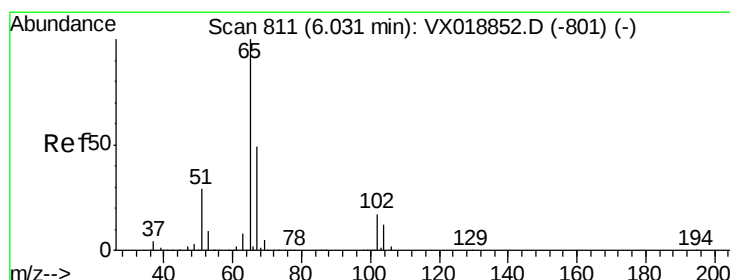
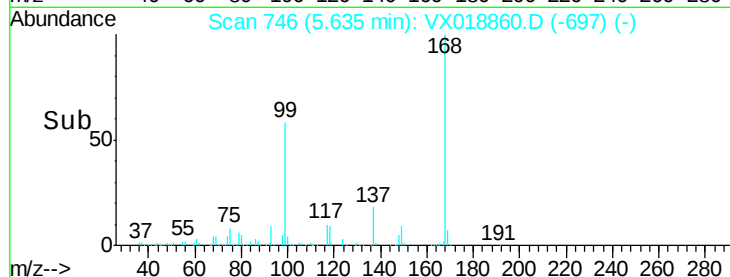
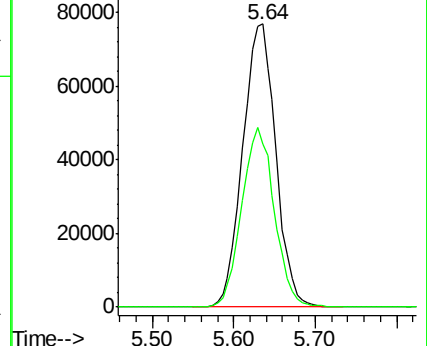
168 100

99 57.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018860.D

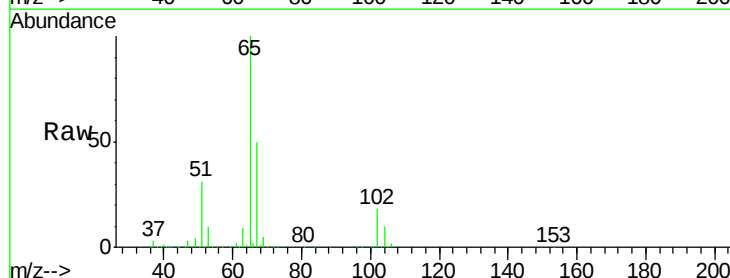
Acq: 09 Oct 2020 17:22

Tgt Ion: 65 Resp: 161739

Ion Ratio Lower Upper

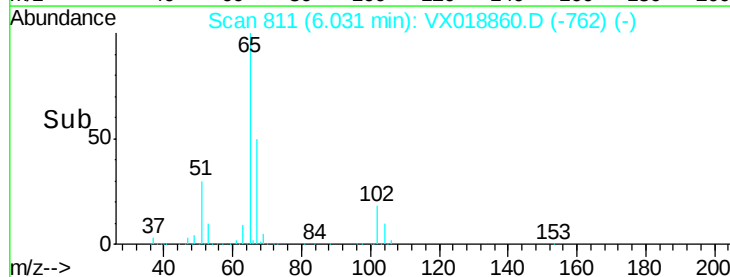
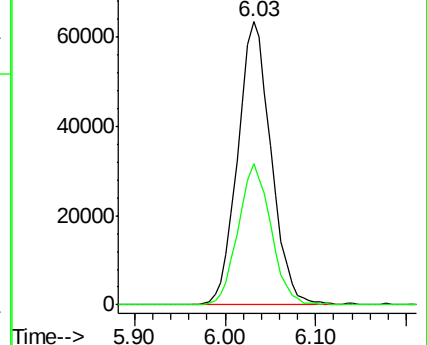
65 100

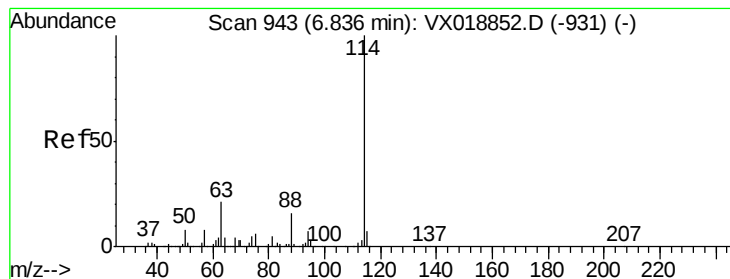
67 49.2 0.0 97.0



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# 942

Delta R.T. -0.01 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

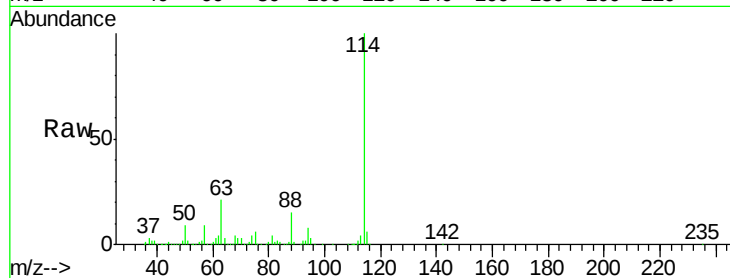
Tot Ion:114 Resp: 345450

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

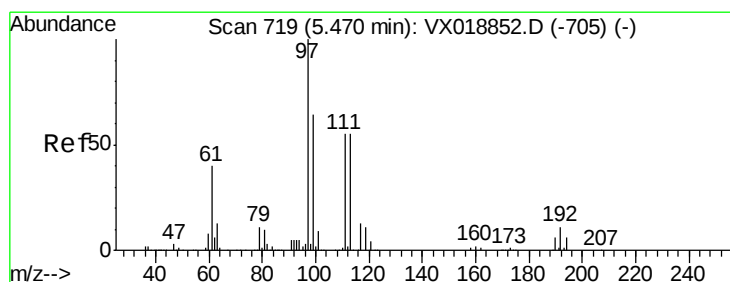
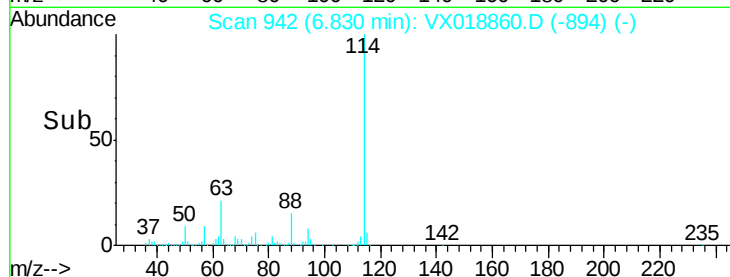
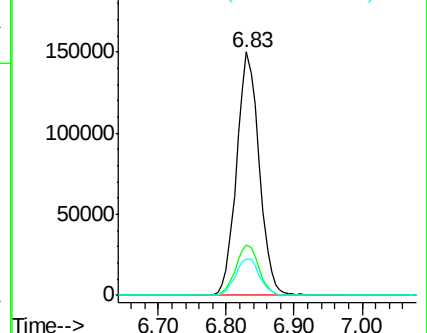
88 15.0 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 49.456 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

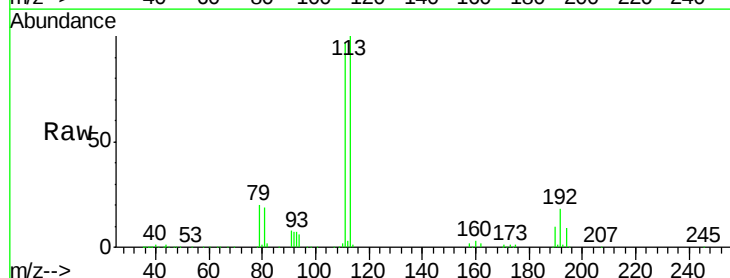
Tgt Ion:113 Resp: 121756

Ion Ratio Lower Upper

113 100

111 102.1 80.1 120.1

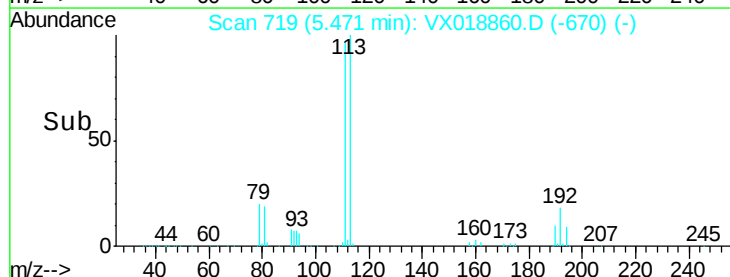
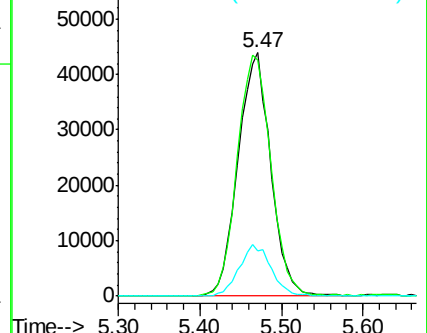
192 20.6 16.0 24.0

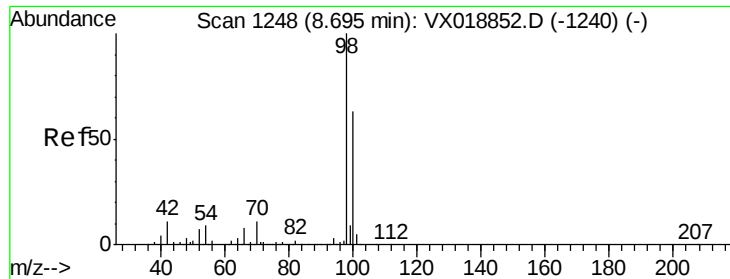


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.173 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

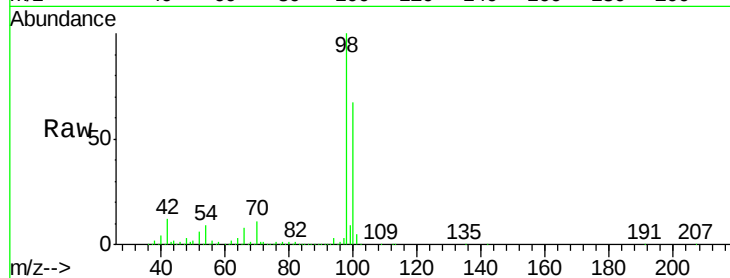
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 419921

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

300000

250000

200000

150000

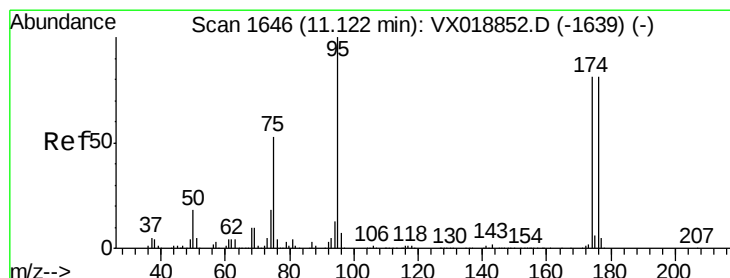
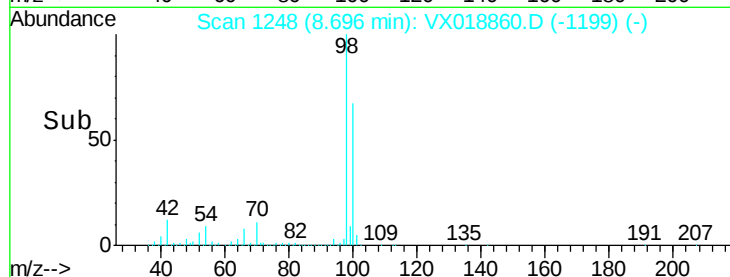
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.191 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

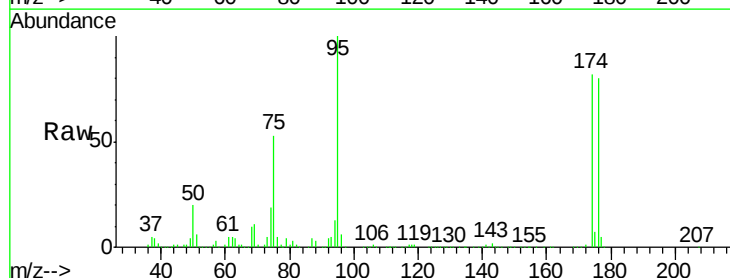
Tgt Ion: 95 Resp: 157213

Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 79.8 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

150000

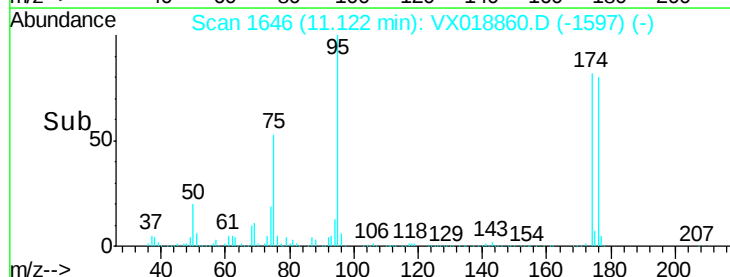
100000

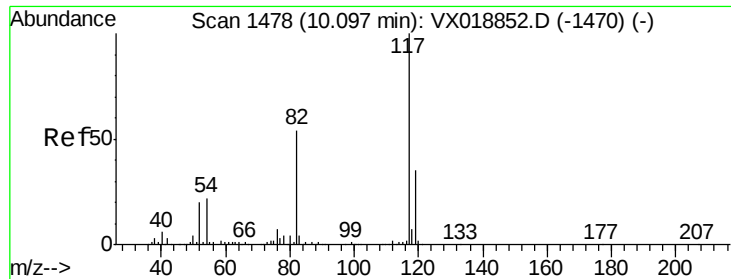
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

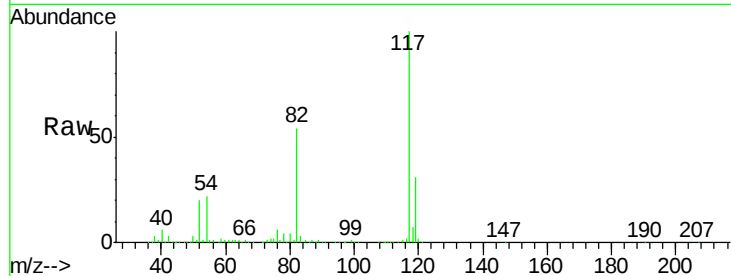
Tot Ion:117 Resp: 329502

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.2

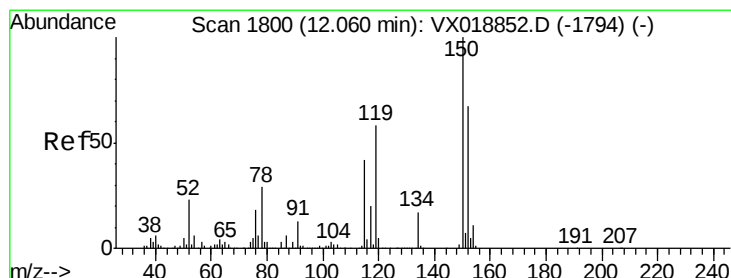
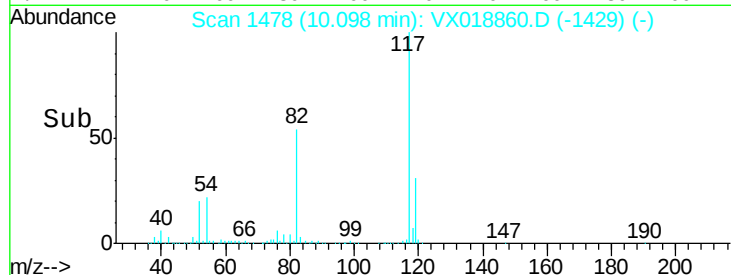
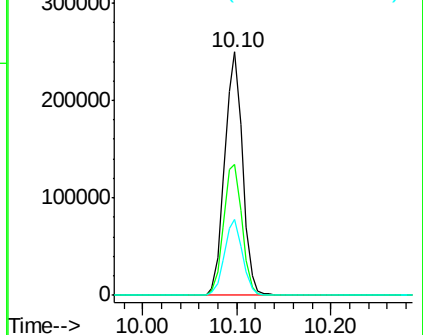
119 31.3 28.3 42.5



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: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018860.D

Acq: 09 Oct 2020 17:22

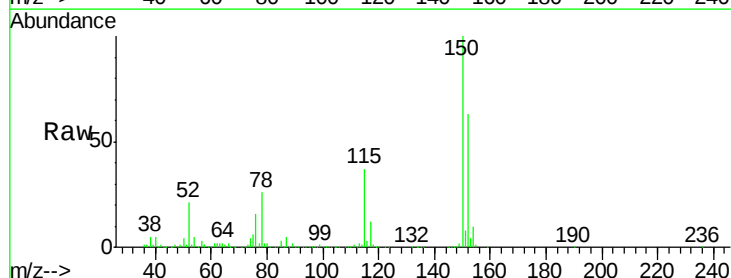
Tgt Ion:152 Resp: 164105

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 155.6 0.0 347.6



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

