

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018863.D
 Acq On : 09 Oct 2020 18:30
 Operator : JC/SP
 Sample : L4336-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 10 06:52:51 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	5.63	168	212311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	326109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	157453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	158207	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	5.46	113	122761	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
50) Toluene-d8	8.70	98	414361	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.12	95	155804	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

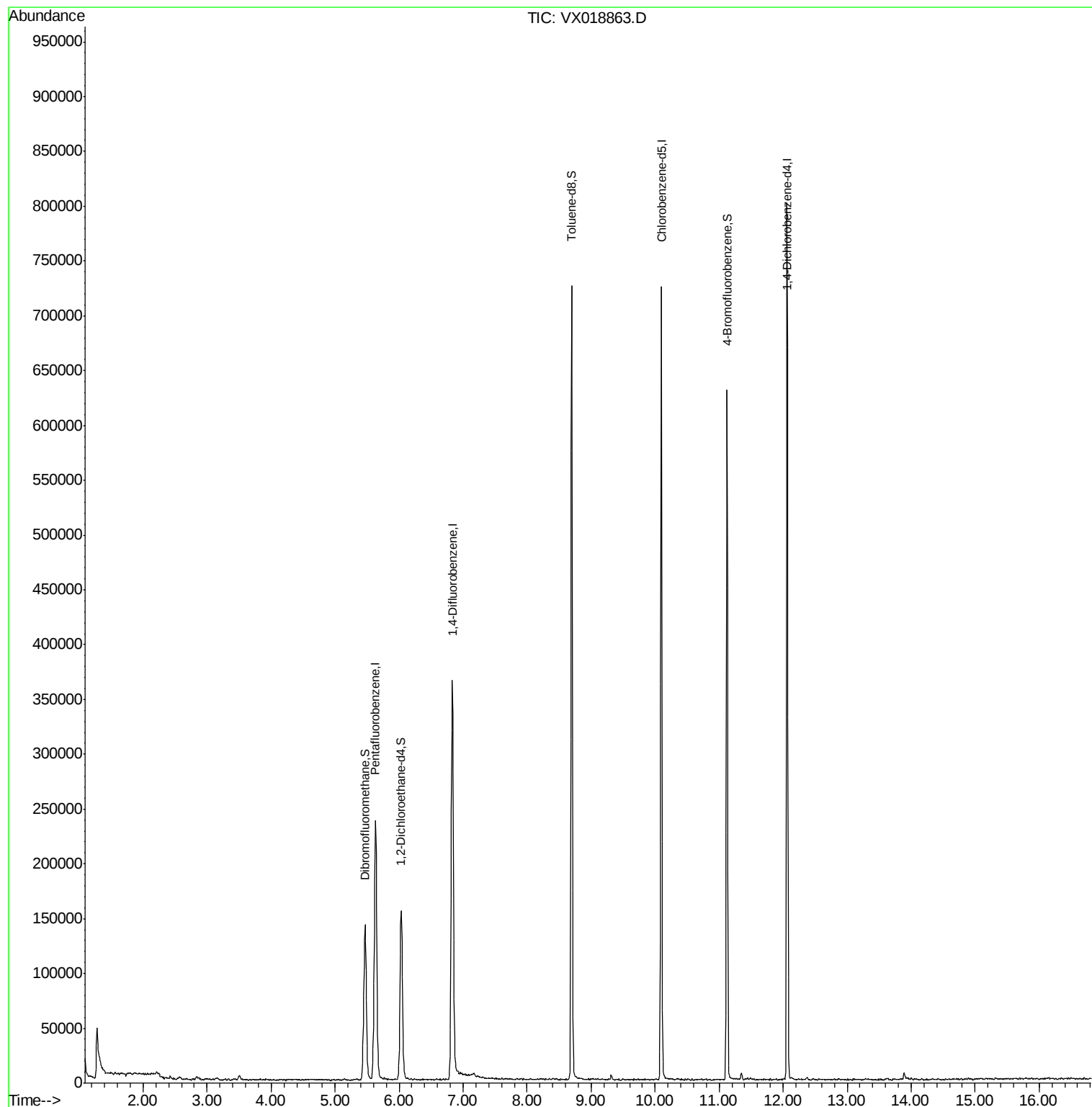
Target Compounds	Qvalue
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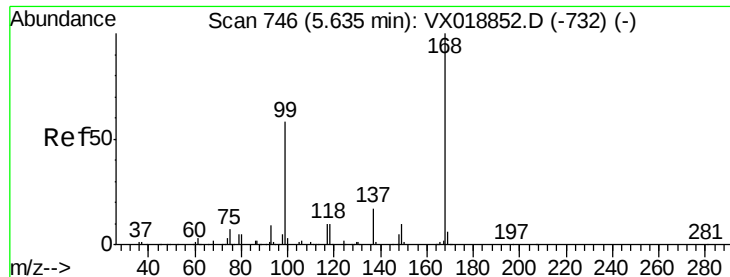
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Acq: 09 Oct 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

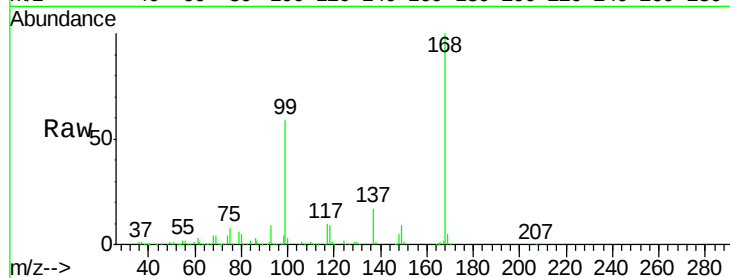
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 212311

Ion Ratio Lower Upper

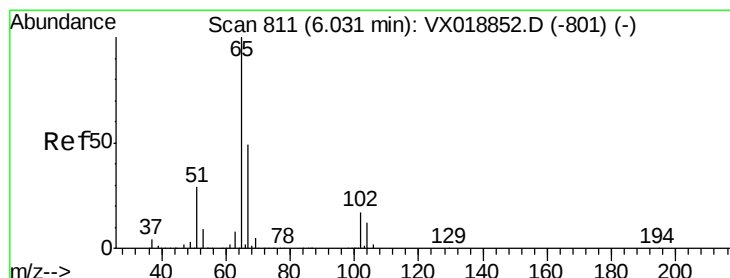
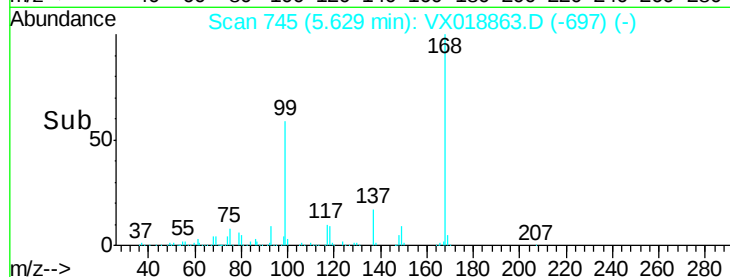
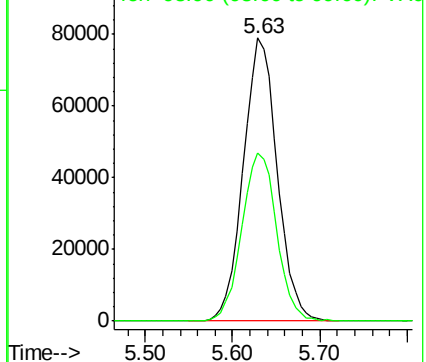
168 100

99 59.2 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: 50.523 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018863.D

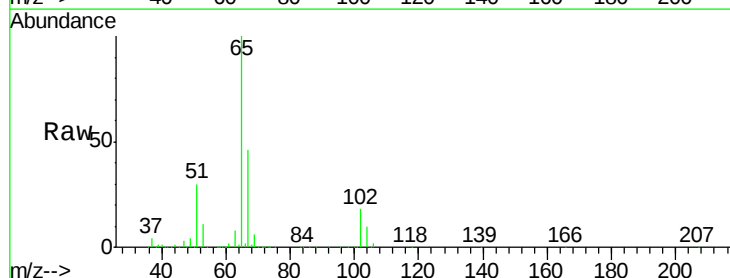
Acq: 09 Oct 2020 18:30

Tgt Ion: 65 Resp: 158207

Ion Ratio Lower Upper

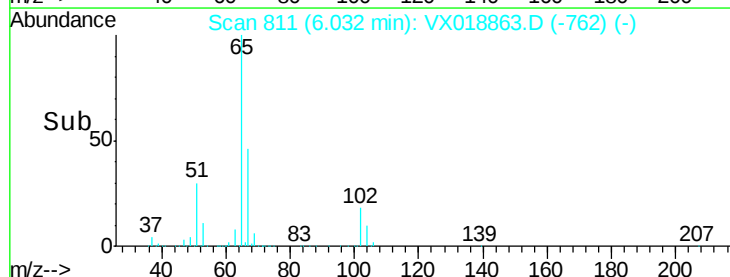
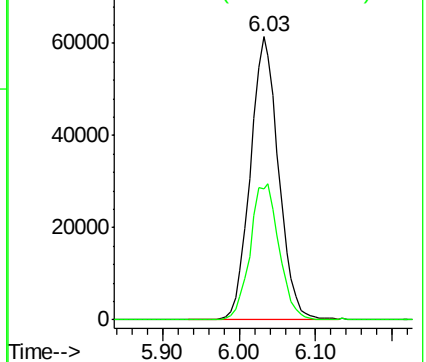
65 100

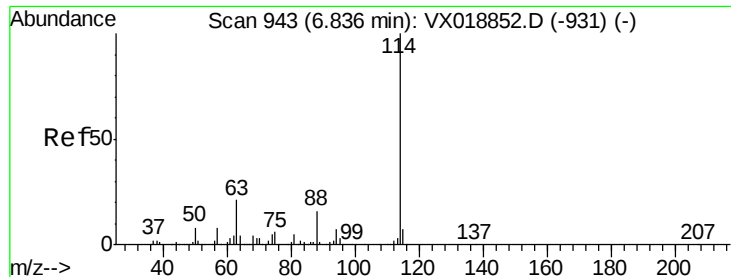
67 49.3 0.0 97.0



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: VX018863.D

Acq: 09 Oct 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

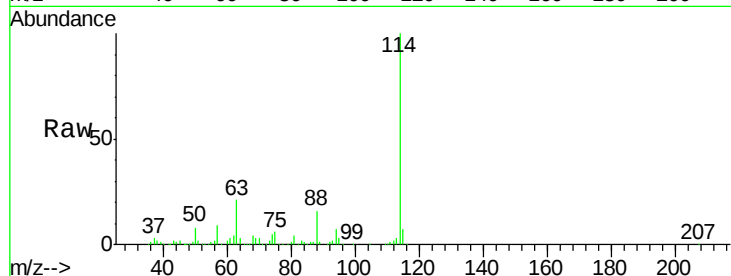
Tot Ion:114 Resp: 341742

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 16.0 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

200000

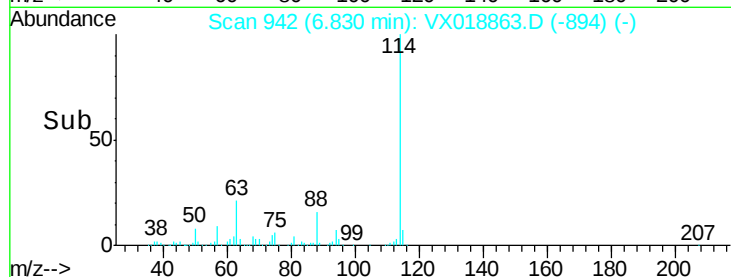
150000

100000

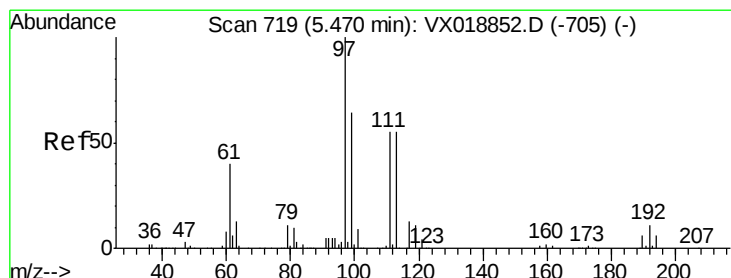
50000

0

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 50.406 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018863.D

Acq: 09 Oct 2020 18:30

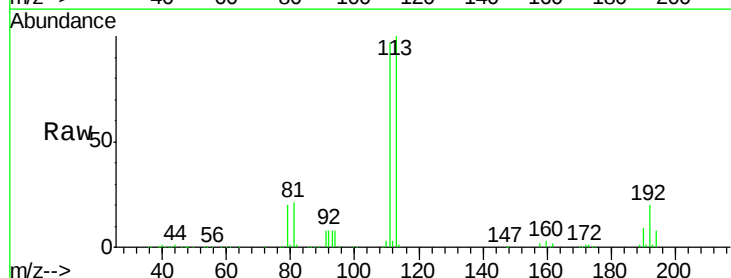
Tgt Ion:113 Resp: 122761

Ion Ratio Lower Upper

113 100

111 98.8 80.1 120.1

192 18.8 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

60000

50000

40000

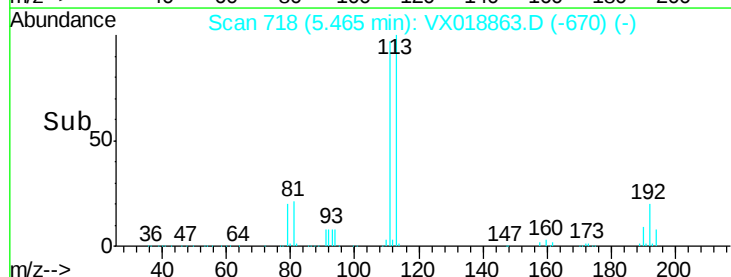
30000

20000

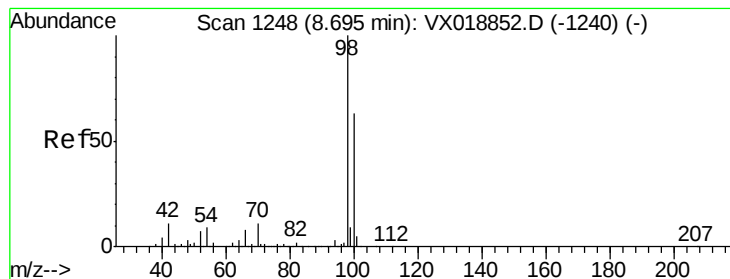
10000

0

5.30 5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 49.048 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018863.D

Acq: 09 Oct 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

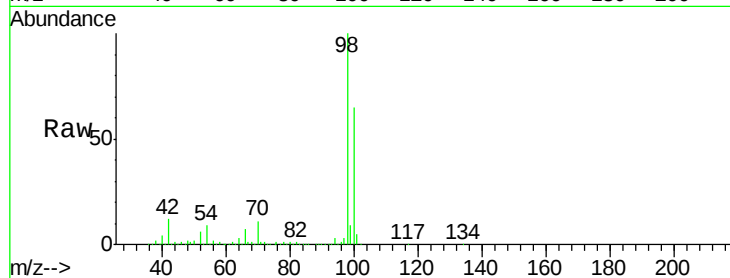
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 414361

Ion Ratio Lower Upper

98 100

100 65.5 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

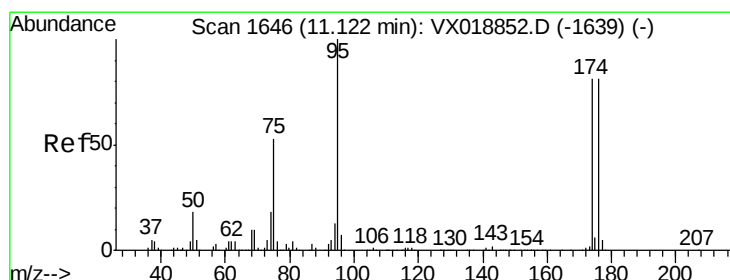
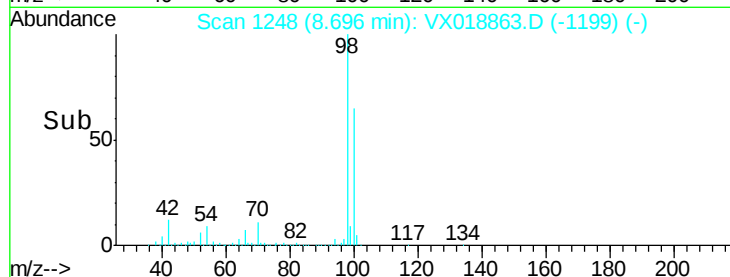
100000

50000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 46.274 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018863.D

Acq: 09 Oct 2020 18:30

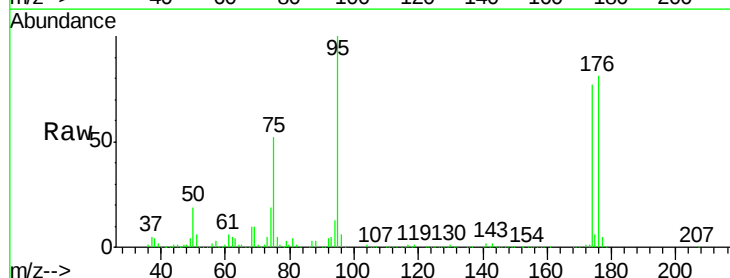
Tgt Ion: 95 Resp: 155804

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.0

176 79.7 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

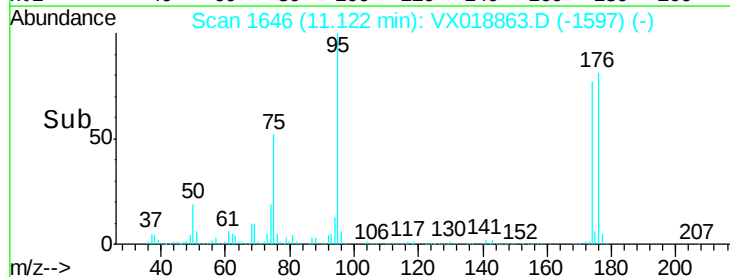
100000

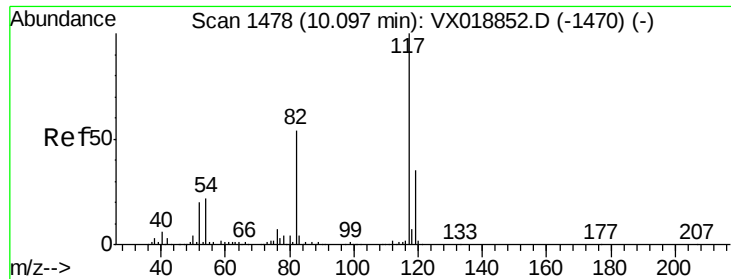
50000

0

Time-->

11.10 11.20

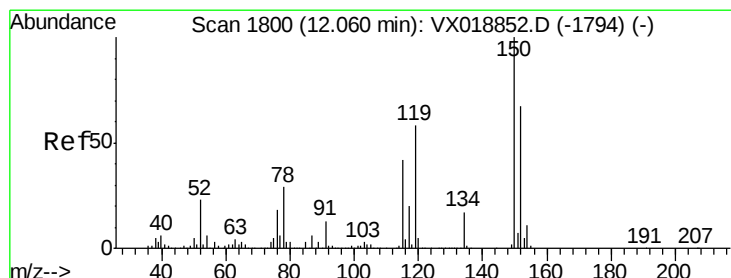
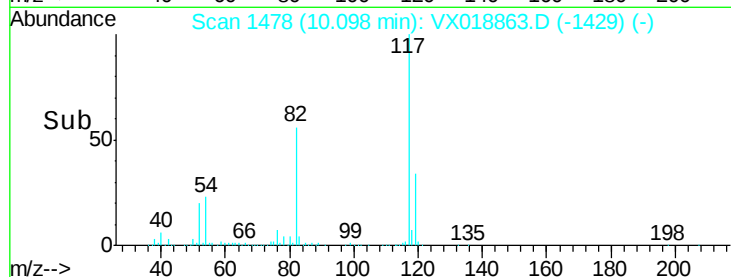
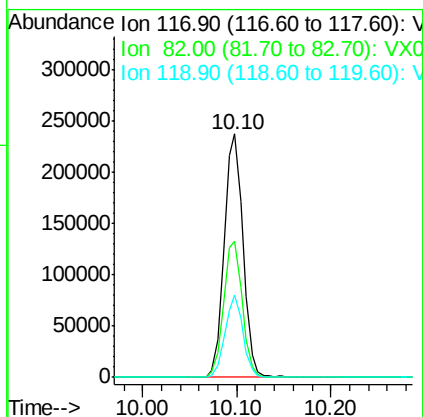
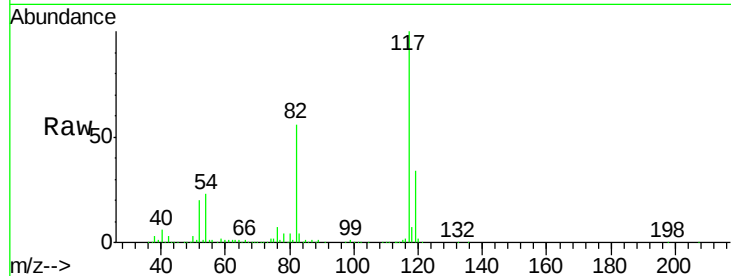




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018863.D
Acq: 09 Oct 2020 18:30

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

Tot Ion:117 Resp: 326109
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 34.0 28.3 42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018863.D
Acq: 09 Oct 2020 18:30

Tgt Ion:152 Resp: 157453
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 157.7 0.0 347.6

