

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018886.D
 Acq On : 10 Oct 2020 04:21
 Operator : JC/SP
 Sample : L4303-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10I-20201002

Quant Time: Oct 10 07:46:41 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	204849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	327294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	314080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160574	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	158457	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.47	113	117226	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.70	98	401935	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.12	95	154280	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

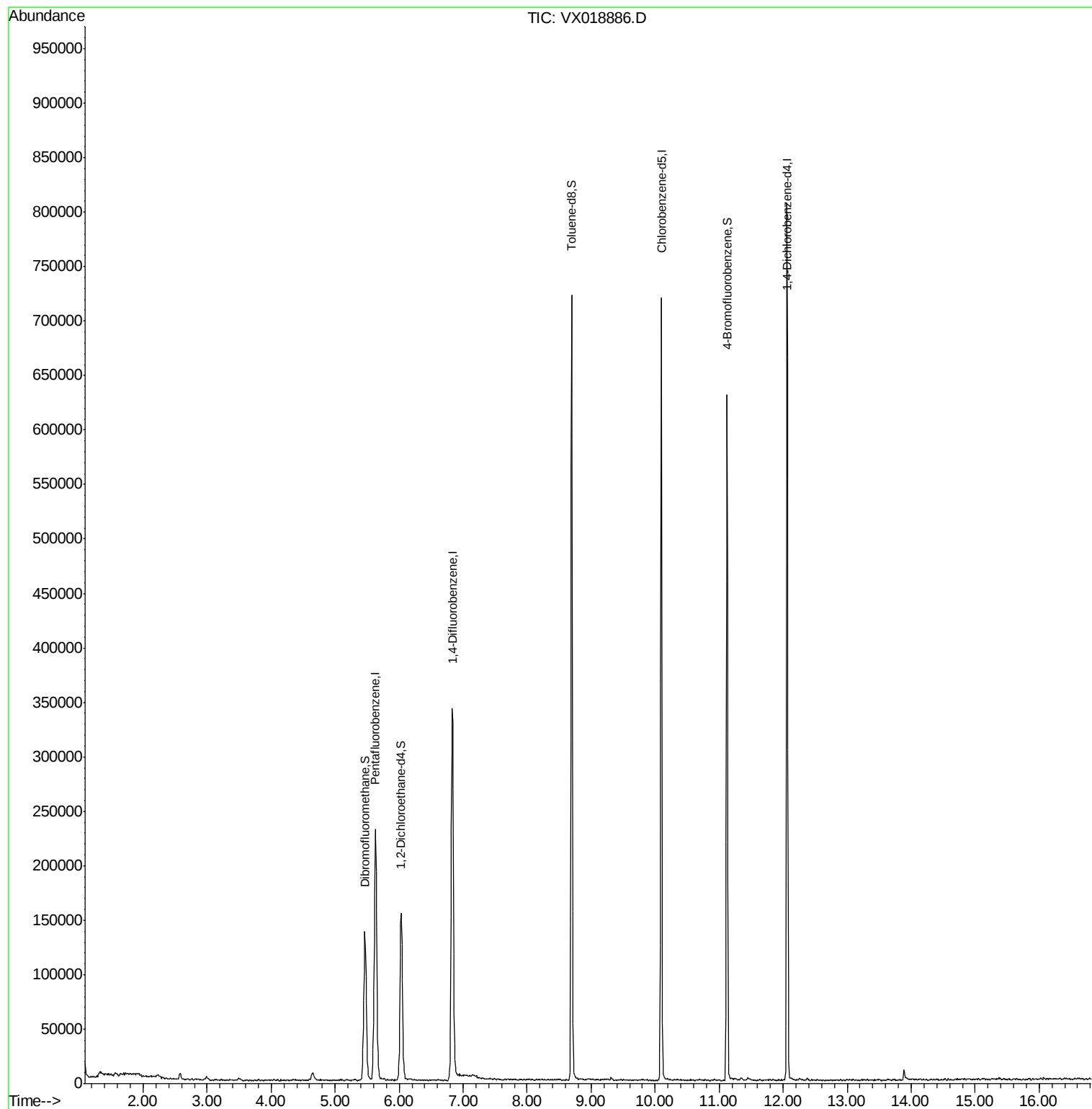
Target Compounds	Qvalue
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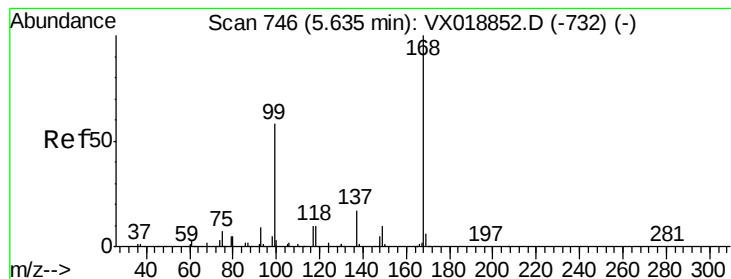
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018886.D

Acq: 10 Oct 2020 04:21

Instrument :

MSVOA_X

ClientSampleId :

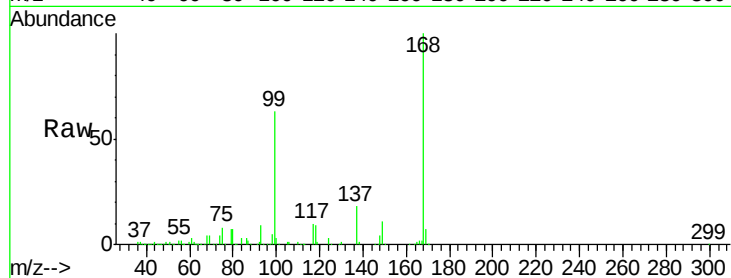
FC-MW10I-20201002

Tot Ion:168 Resp: 204849

Ion Ratio Lower Upper

168 100

99 62.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

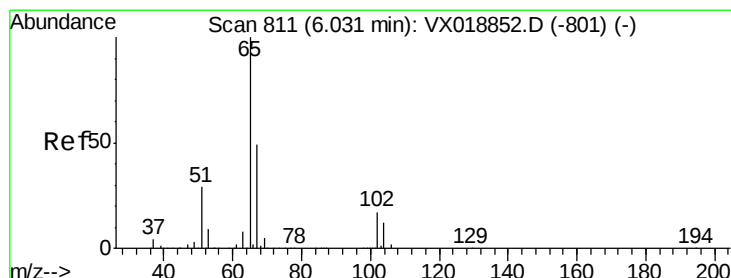
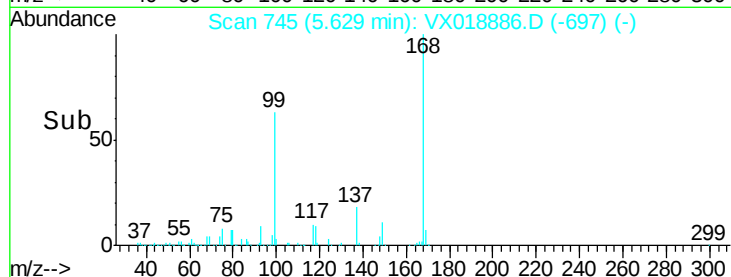
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018886.D

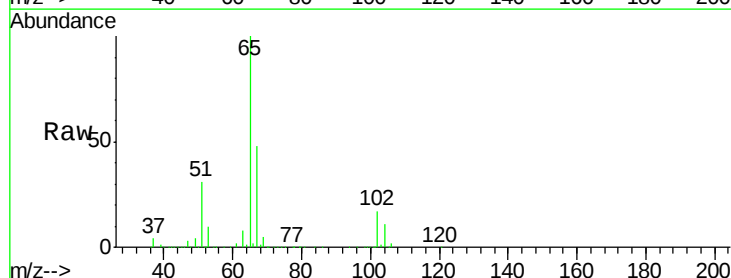
Acq: 10 Oct 2020 04:21

Tgt Ion: 65 Resp: 158457

Ion Ratio Lower Upper

65 100

67 48.8 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

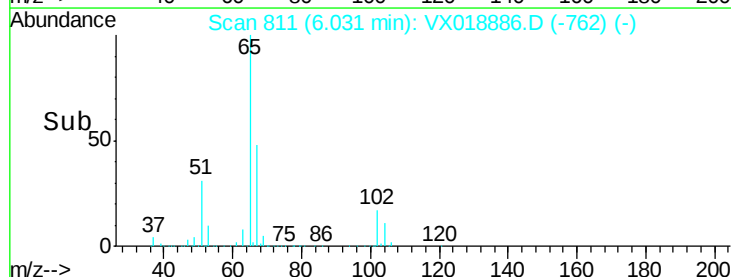
40000

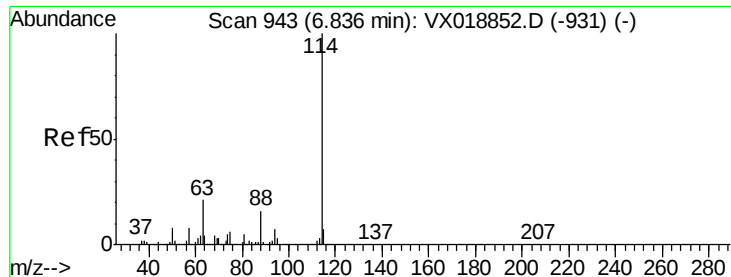
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018886.D

Acq: 10 Oct 2020 04:21

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10I-20201002

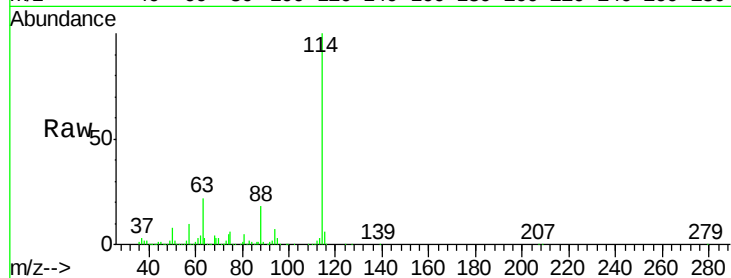
Tot Ion:114 Resp: 327294

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

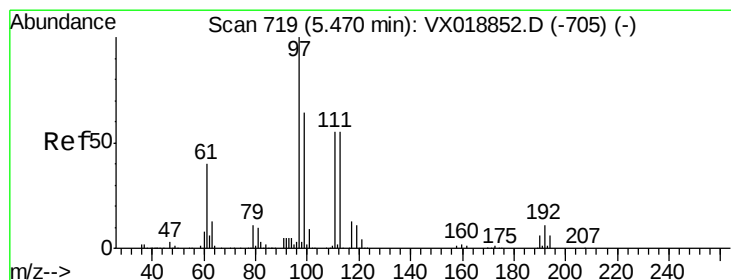
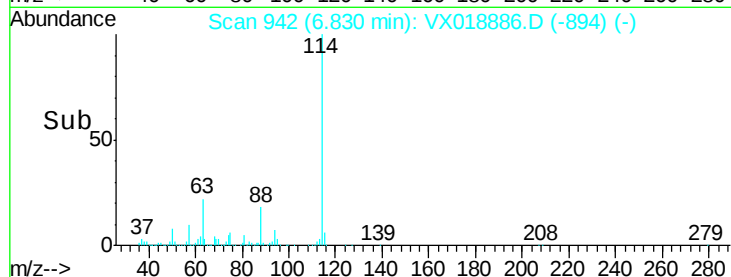
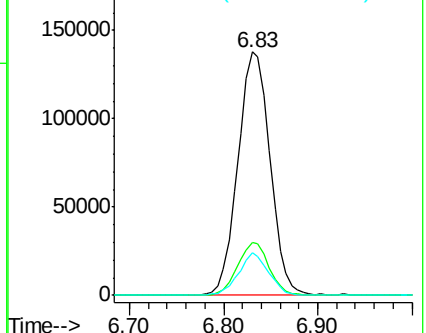
88 17.5 0.0 32.6



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: 50.258 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018886.D

Acq: 10 Oct 2020 04:21

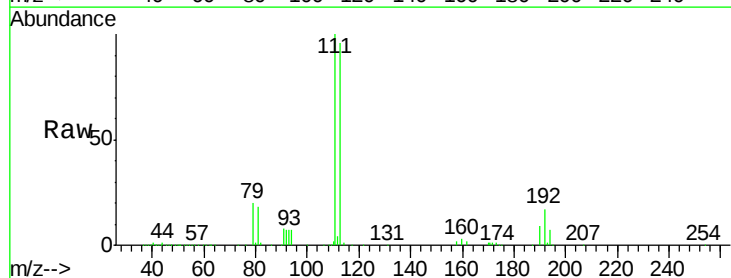
Tgt Ion:113 Resp: 117226

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

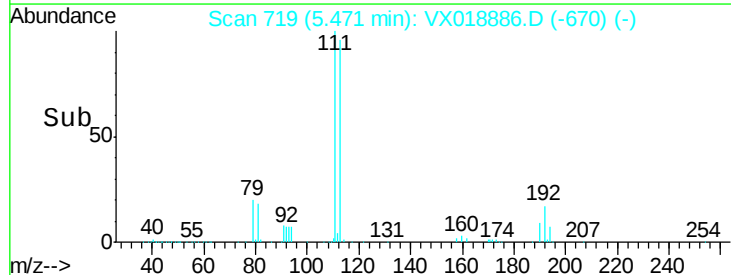
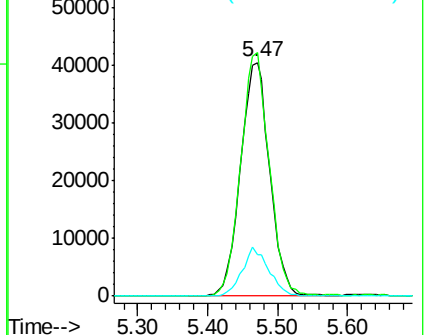
192 19.1 16.0 24.0

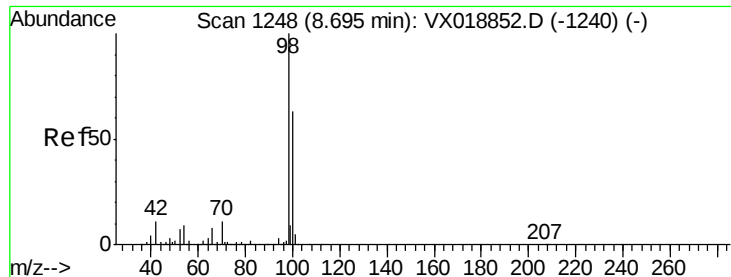


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.678 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018886.D

Acq: 10 Oct 2020 04:21

Instrument :

MSVOA_X

ClientSampleId :

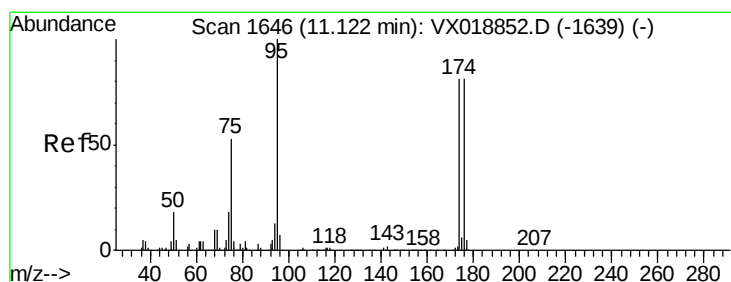
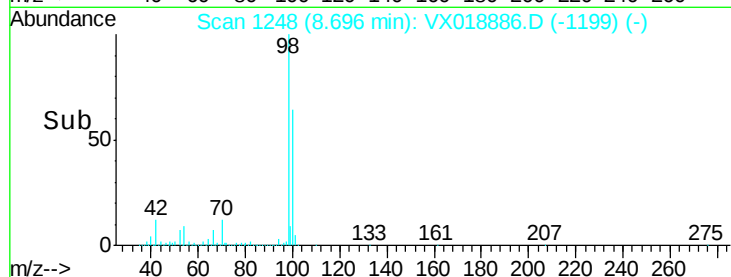
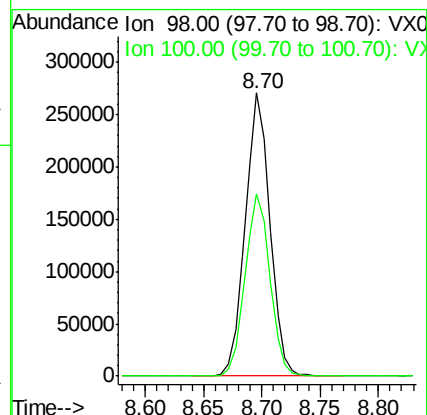
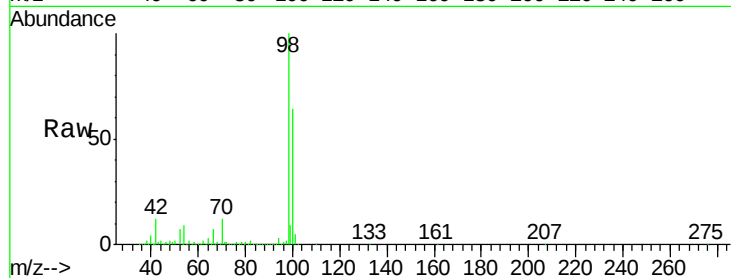
FC-MW10I-20201002

Tot Ion: 98 Resp: 401935

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.844 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018886.D

Acq: 10 Oct 2020 04:21

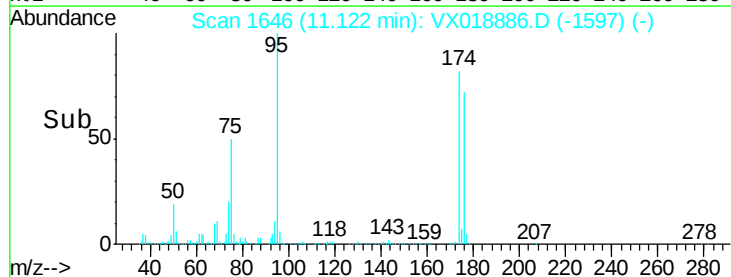
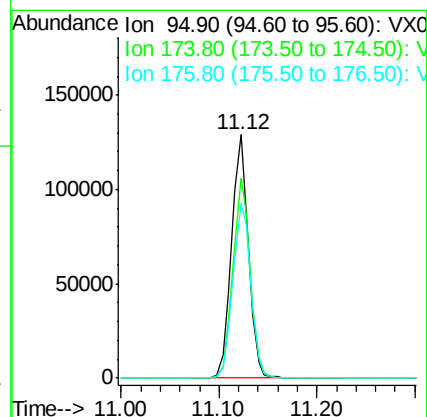
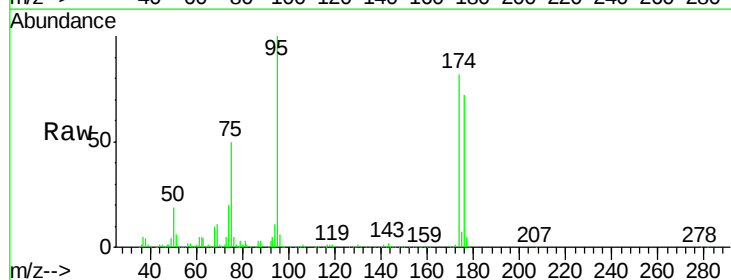
Tgt Ion: 95 Resp: 154280

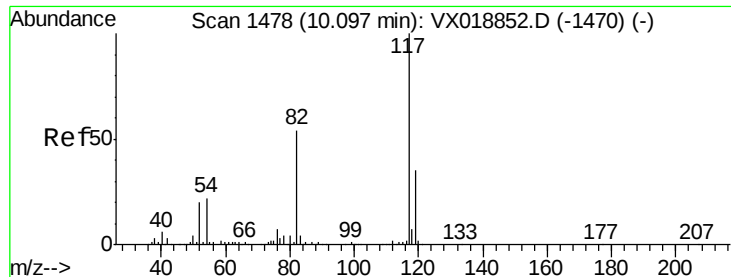
Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 76.3 0.0 161.2

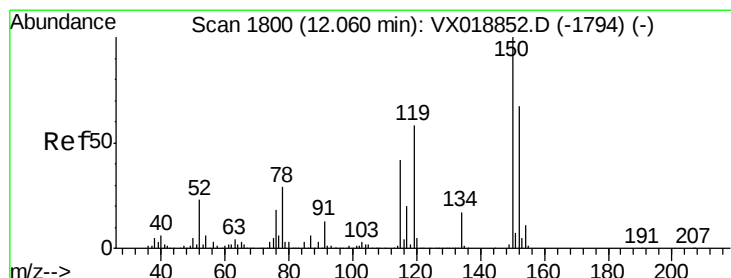
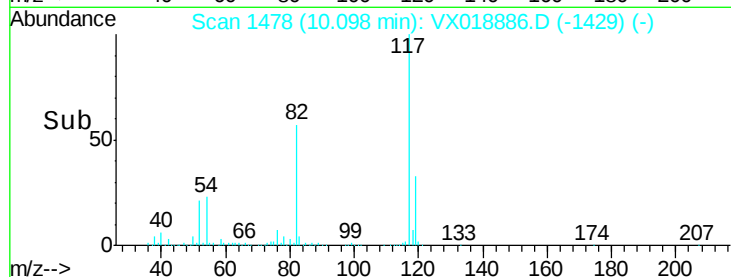
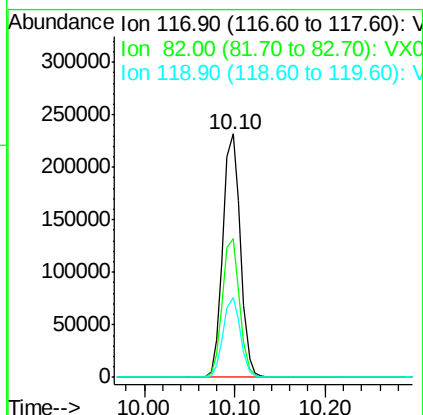
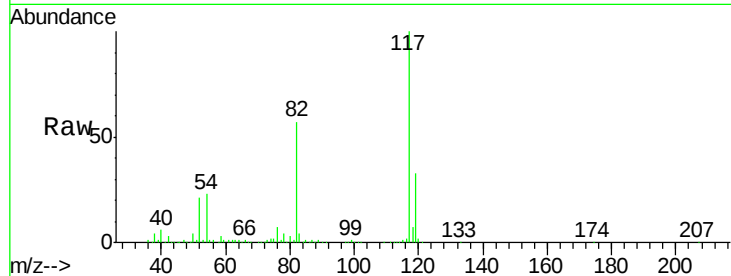




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tot Ion:117 Resp: 314080
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.2
119 32.8 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: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:152 Resp: 160574
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 158.8 0.0 347.6

