

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018015.D
 Acq On : 20 Aug 2020 04:14
 Operator : JC/SP
 Sample : L3738-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-458-460

Quant Time: Aug 20 06:23:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	462217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	767574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	711425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	328217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	312681	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	5.47	113	262683	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	8.70	98	918954	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.12	95	334305	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	

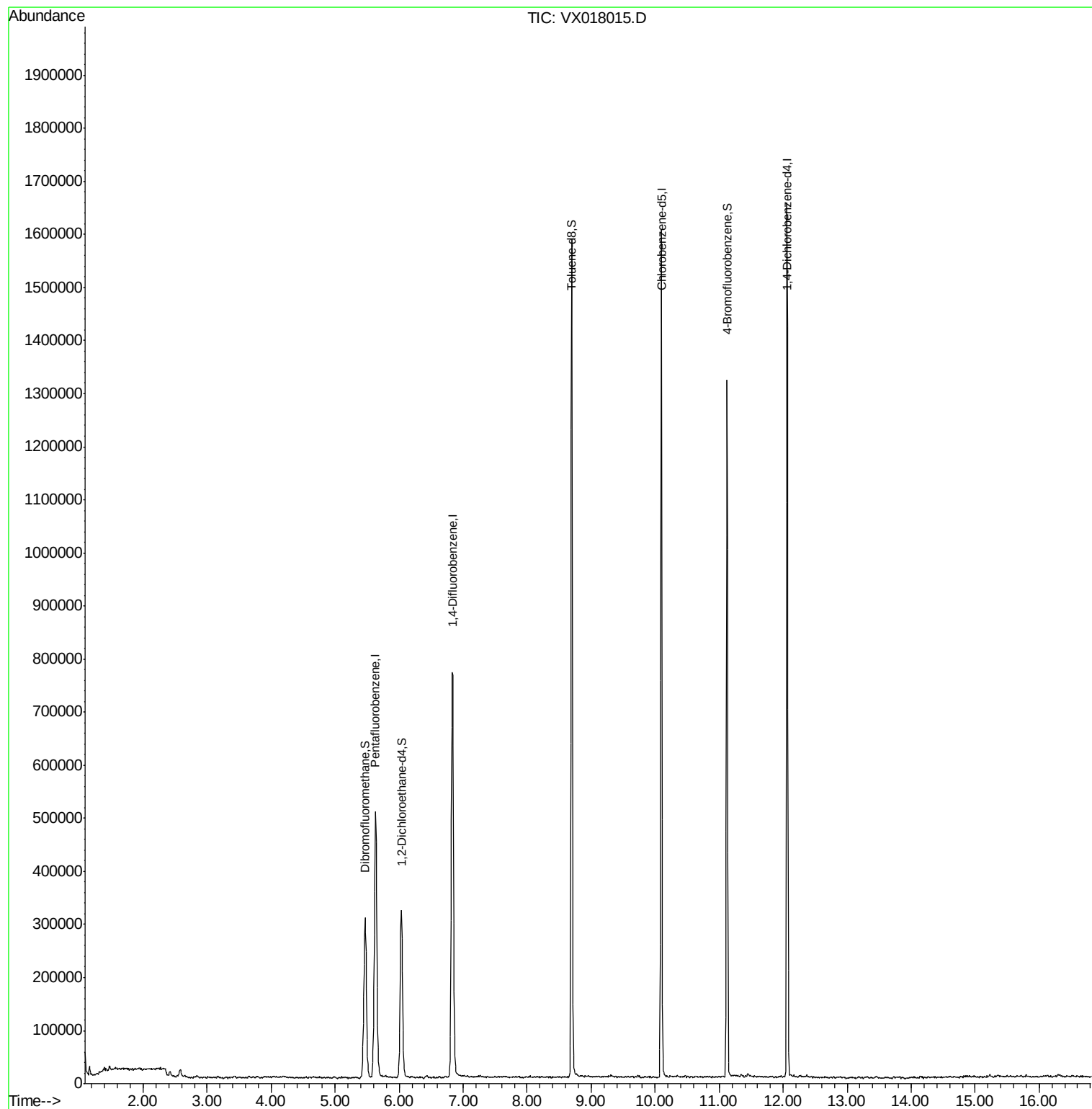
Target Compounds Qvalue

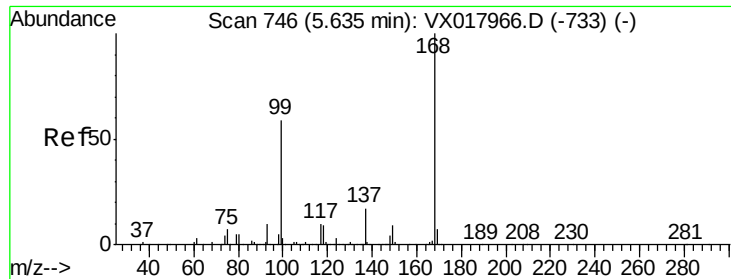
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018015.D

Acq: 20 Aug 2020 04:14

Instrument :

MSVOA_X

ClientSampleId :

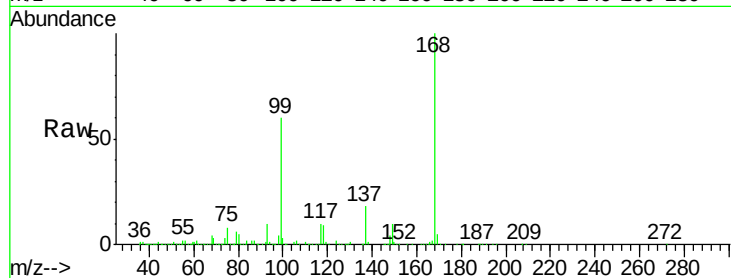
BP-VPB181-GW-458-460

Tot Ion:168 Resp: 462217

Ion Ratio Lower Upper

168 100

99 60.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

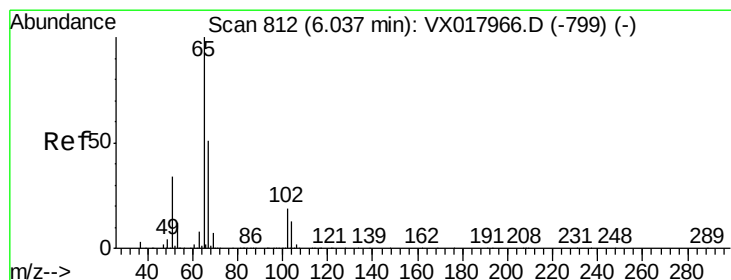
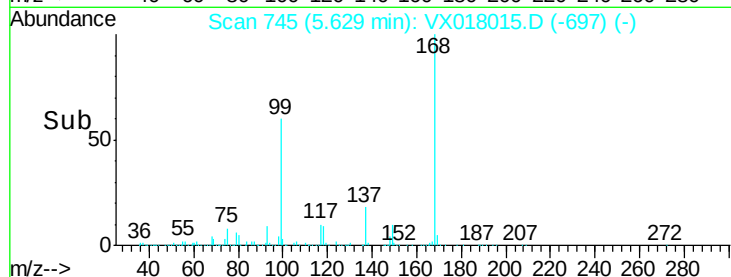
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 46.147 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX018015.D

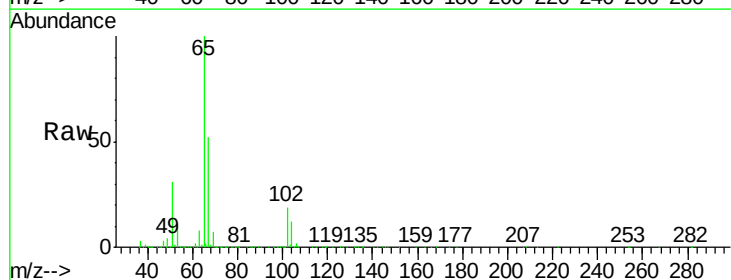
Acq: 20 Aug 2020 04:14

Tgt Ion: 65 Resp: 312681

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

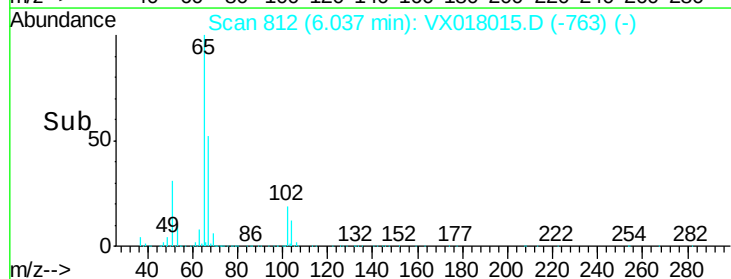
100000

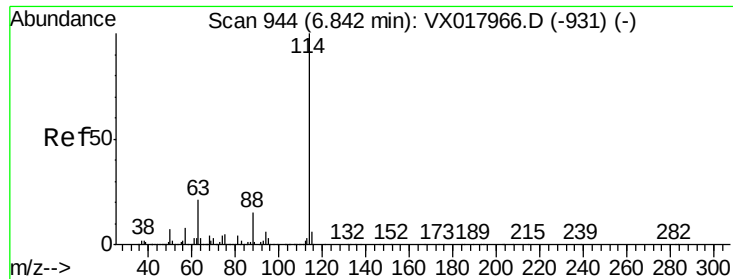
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX018015.D

Acq: 20 Aug 2020 04:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-458-460

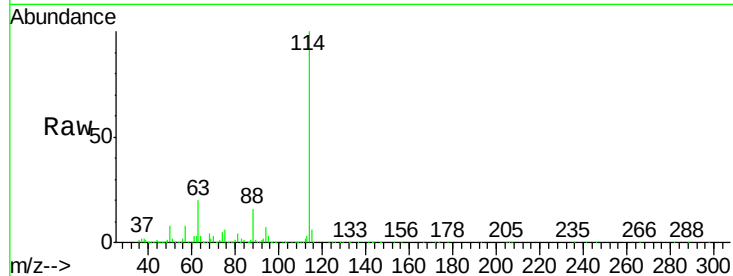
Tot Ion:114 Resp: 767574

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

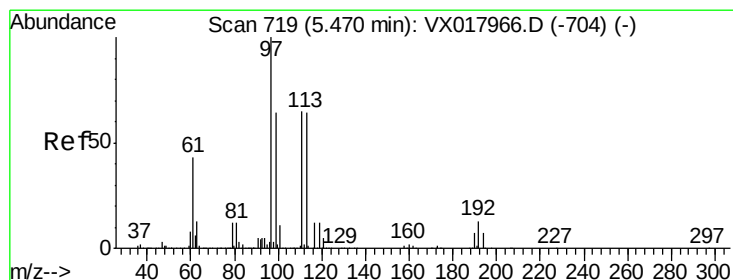
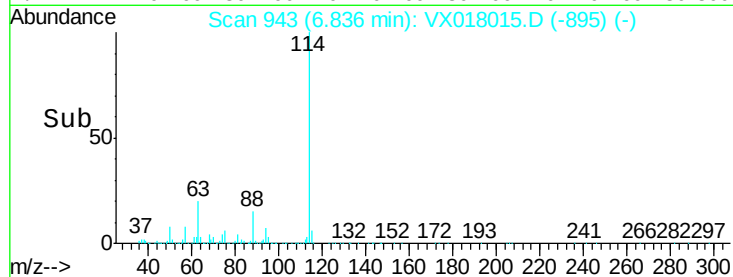
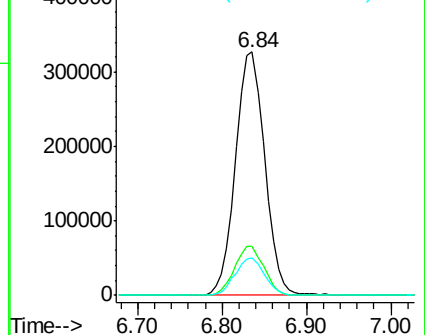
88 15.5 0.0 30.2



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: 45.956 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018015.D

Acq: 20 Aug 2020 04:14

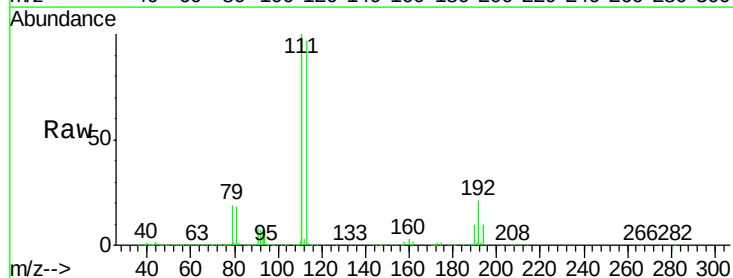
Tgt Ion:113 Resp: 262683

Ion Ratio Lower Upper

113 100

111 101.5 83.5 125.3

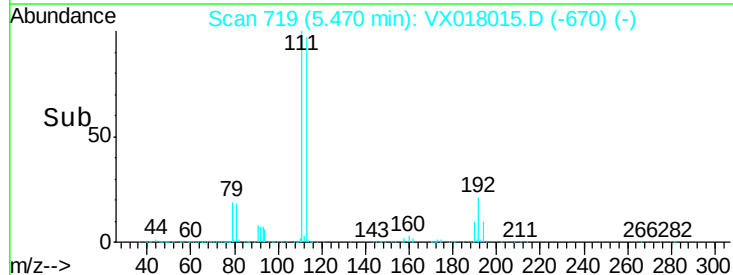
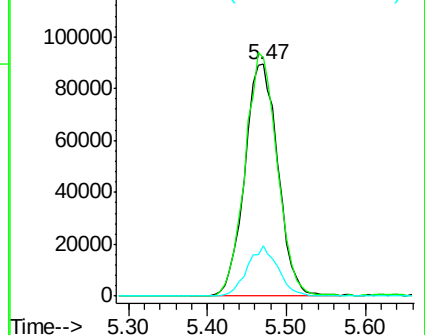
192 19.9 16.2 24.4

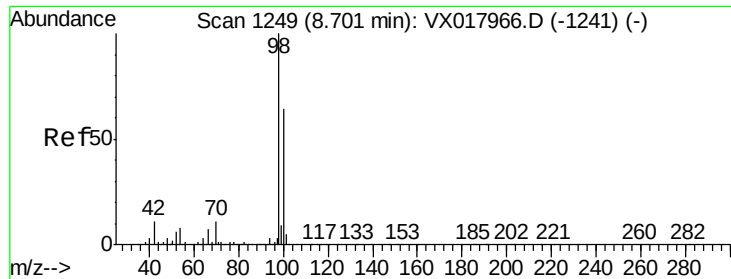


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.482 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018015.D

Acq: 20 Aug 2020 04:14

Instrument :

MSVOA_X

ClientSampleId :

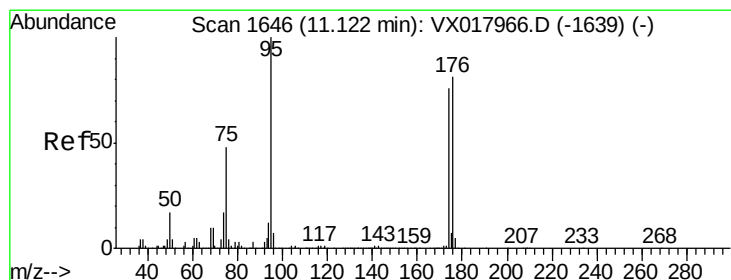
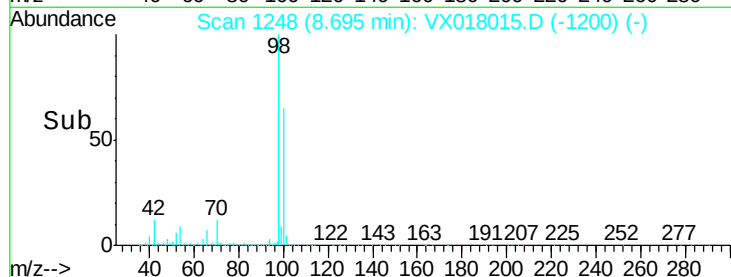
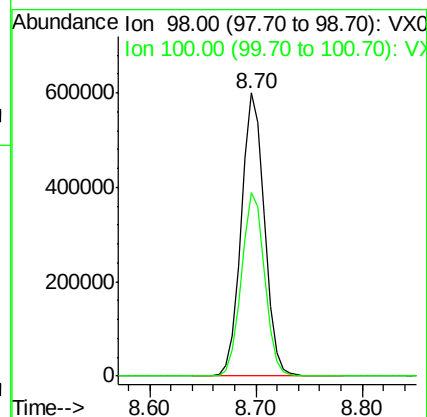
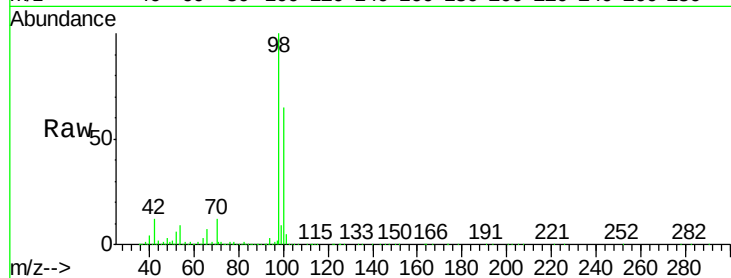
BP-VPB181-GW-458-460

Tot Ion: 98 Resp: 918954

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.798 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018015.D

Acq: 20 Aug 2020 04:14

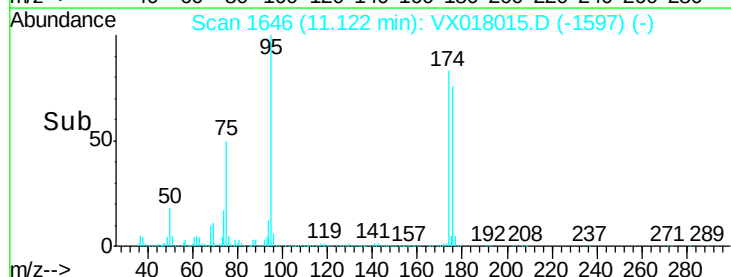
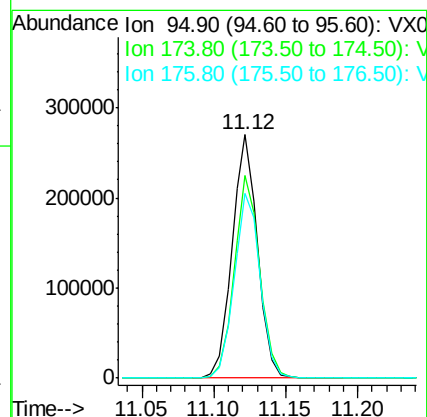
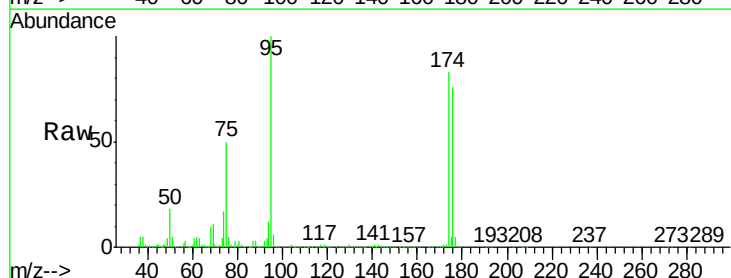
Tgt Ion: 95 Resp: 334305

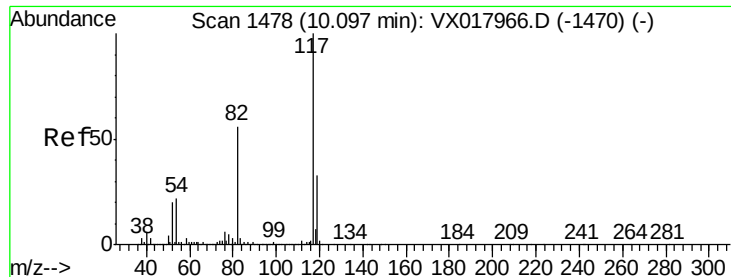
Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.0

176 77.4 0.0 161.0

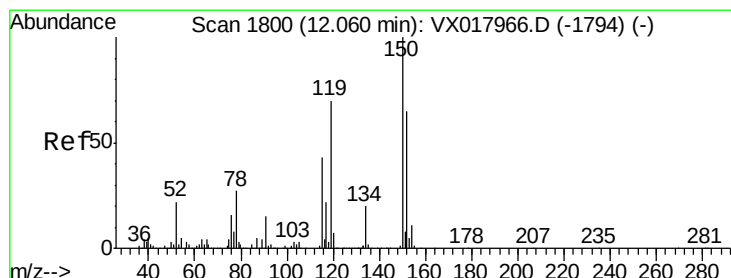
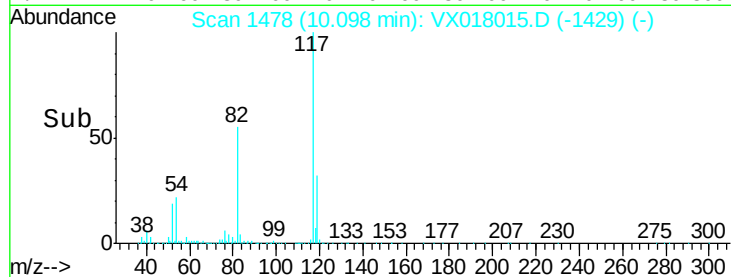
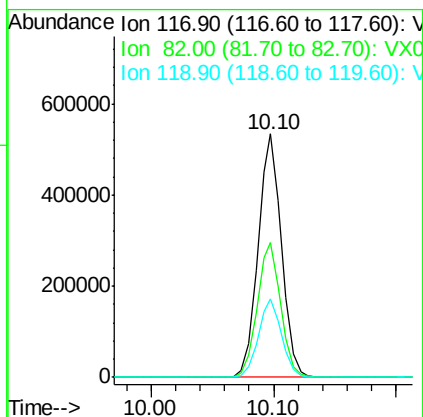
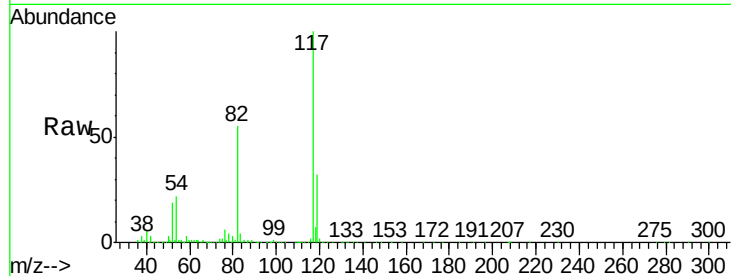




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018015.D
Acq: 20 Aug 2020 04:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-458-460

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	66.8
119	32.1	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018015.D
Acq: 20 Aug 2020 04:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	40.6	121.7
150	164.1	0.0	346.4

