

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018141.D
 Acq On : 31 Aug 2020 12:51
 Operator : JC/SP
 Sample : L3846-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-TB-20200827

Quant Time: Sep 01 06:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	593473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	967454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	887397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	435930	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	397954	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	5.46	113	318945	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.70	98	1162805	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.12	95	425334	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

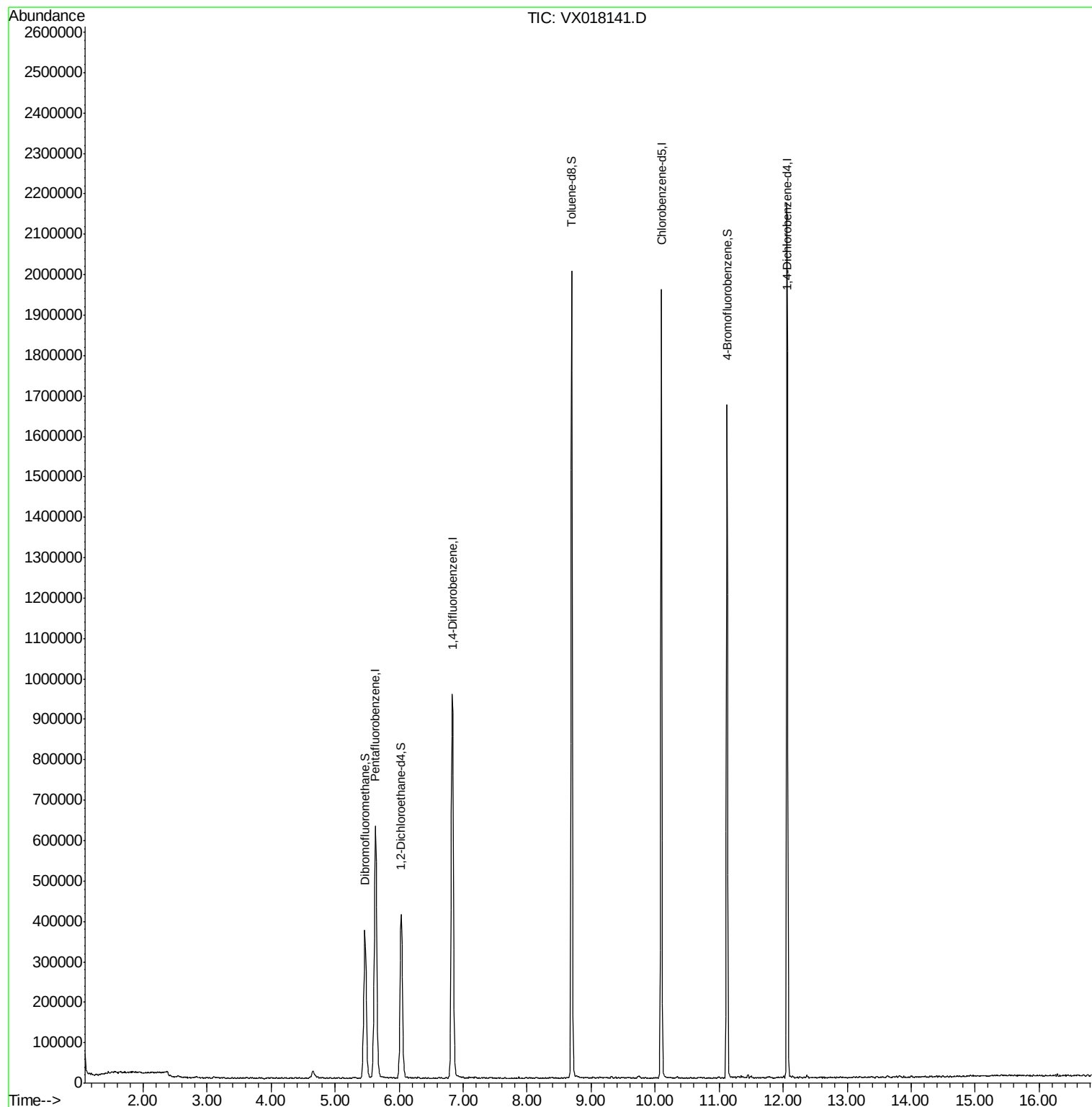
Target Compounds	Qvalue
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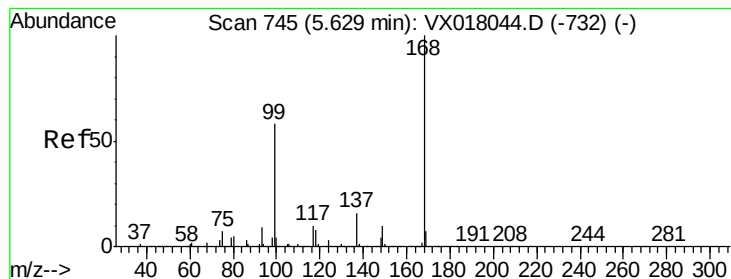
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018141.D

Acq: 31 Aug 2020 12:51

Instrument :

MSVOA_X

ClientSampleId :

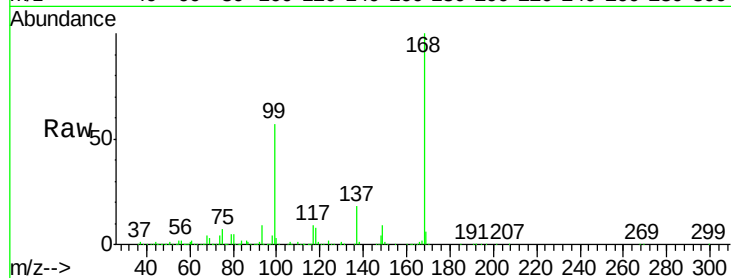
BP-VPB181-TB-20200827

Tot Ion:168 Resp: 593473

Ion Ratio Lower Upper

168 100

99 56.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

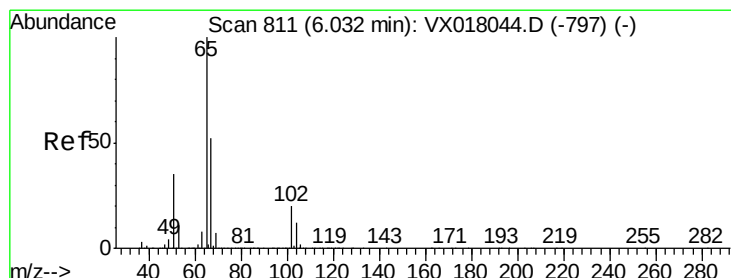
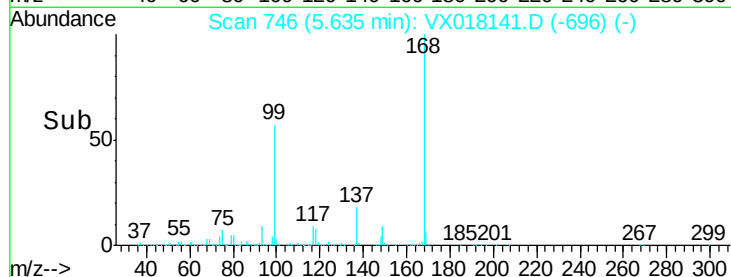
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.302 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018141.D

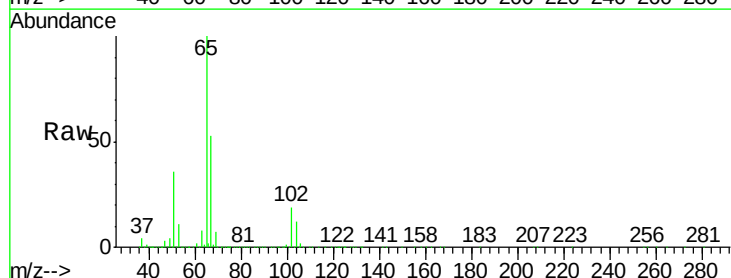
Acq: 31 Aug 2020 12:51

Tgt Ion: 65 Resp: 397954

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

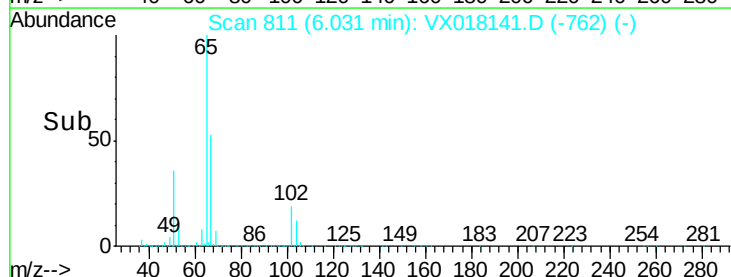
100000

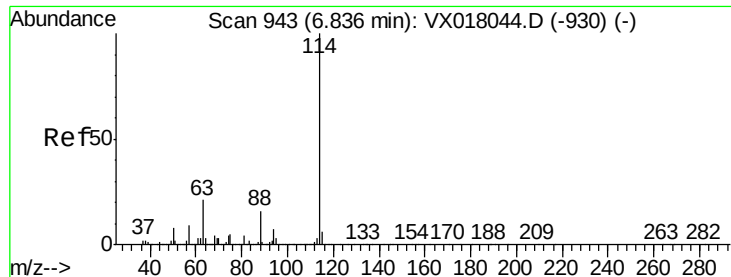
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018141.D

Acq: 31 Aug 2020 12:51

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-TB-20200827

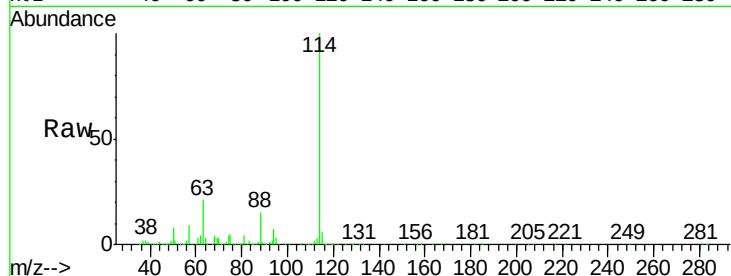
Tot Ion:114 Resp: 967454

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

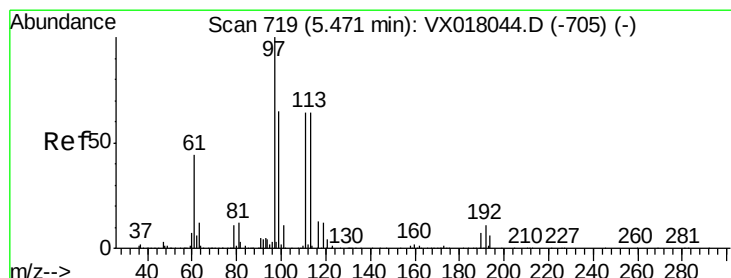
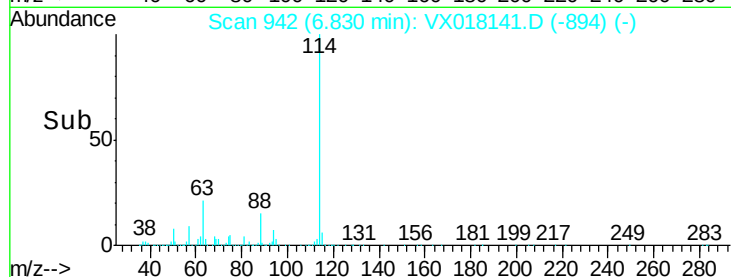
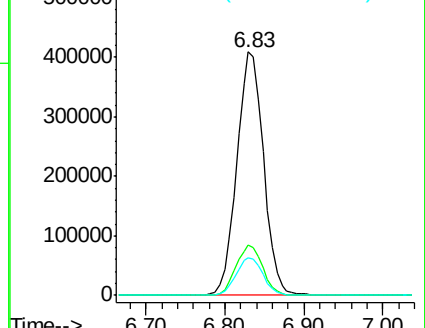
88 15.2 0.0 31.8



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: 48.407 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018141.D

Acq: 31 Aug 2020 12:51

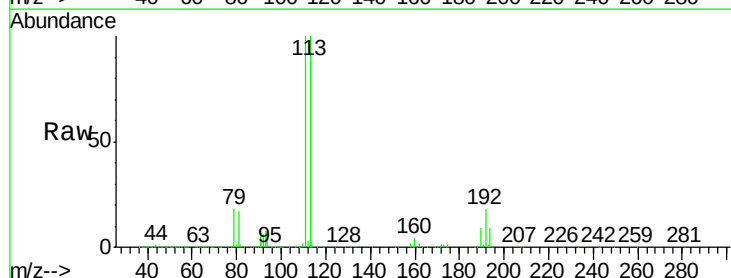
Tgt Ion:113 Resp: 318945

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

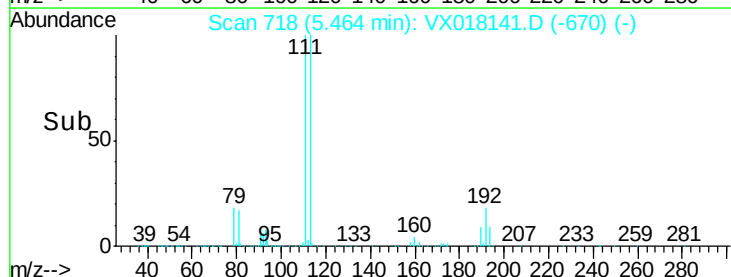
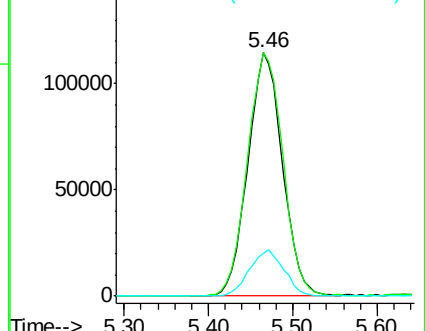
192 19.2 15.8 23.8

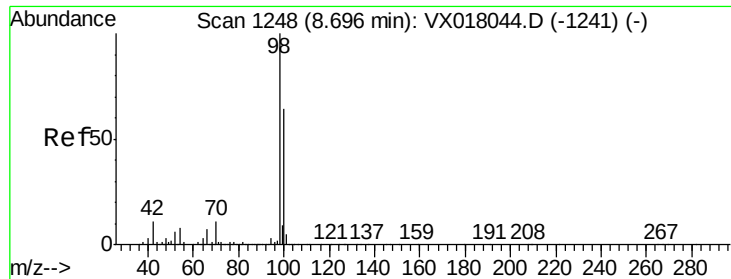


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.383 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018141.D

Acq: 31 Aug 2020 12:51

Instrument :

MSVOA_X

ClientSampleId :

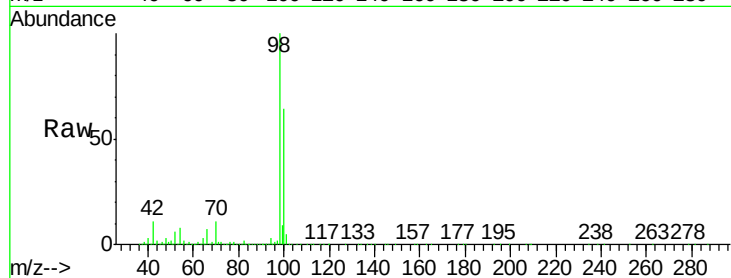
BP-VPB181-TB-20200827

Tot Ion: 98 Resp: 1162805

Ion Ratio Lower Upper

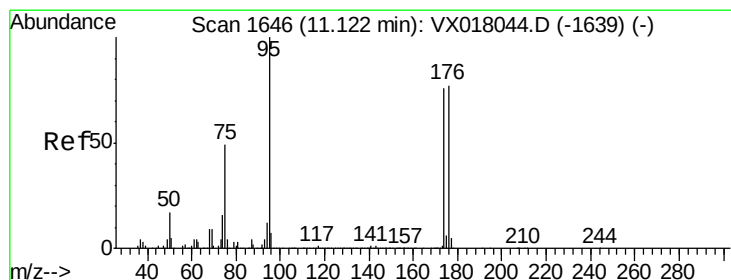
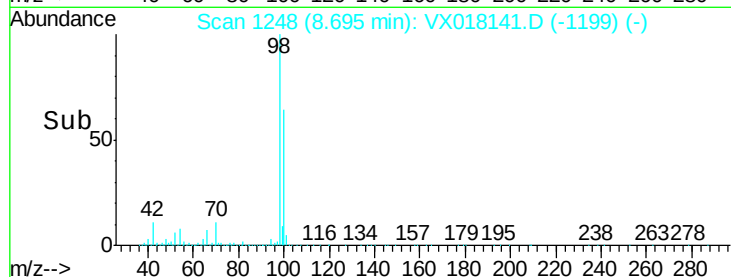
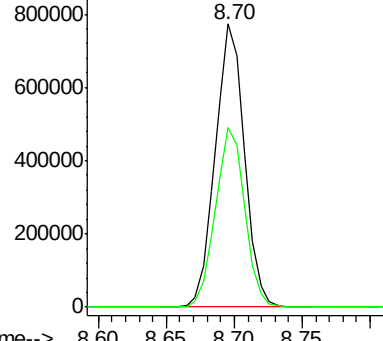
98 100

100 63.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.052 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018141.D

Acq: 31 Aug 2020 12:51

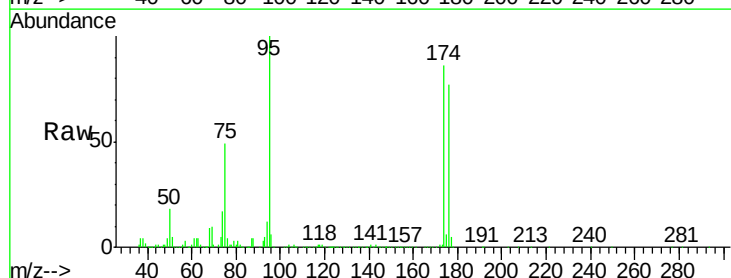
Tgt Ion: 95 Resp: 425334

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

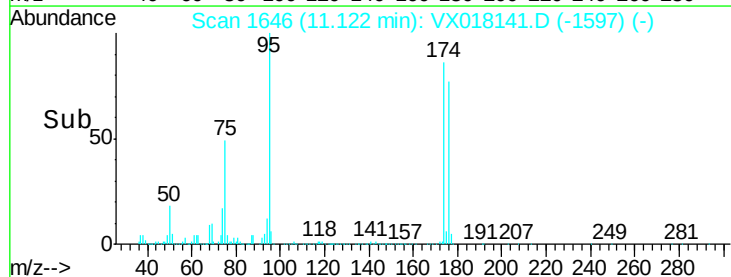
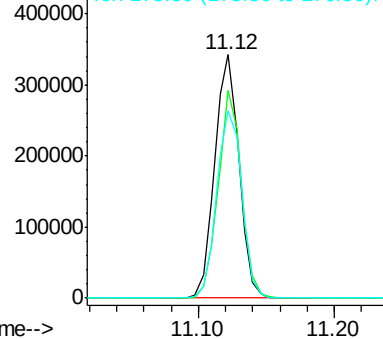
176 80.1 0.0 155.8

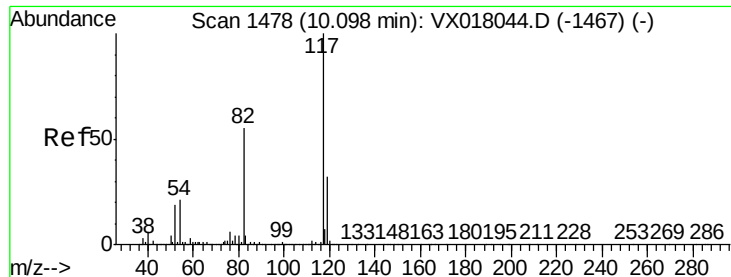


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

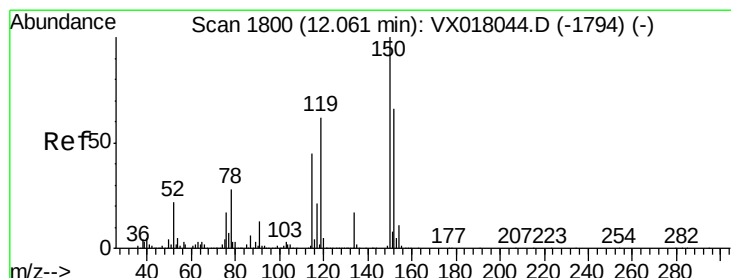
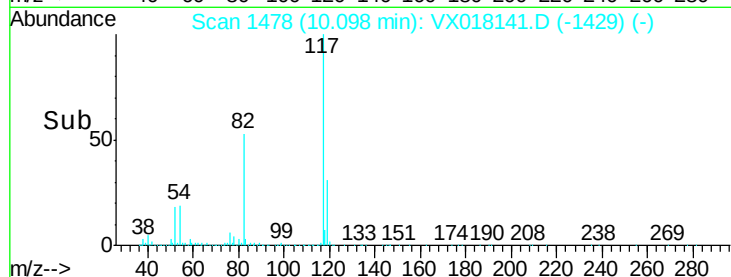
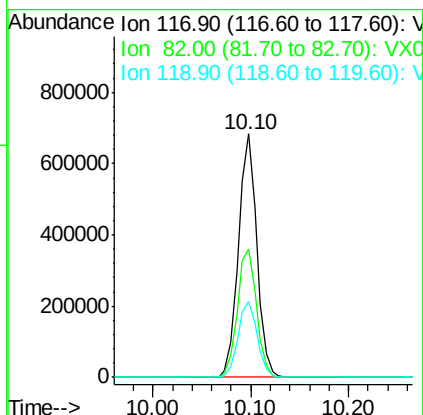
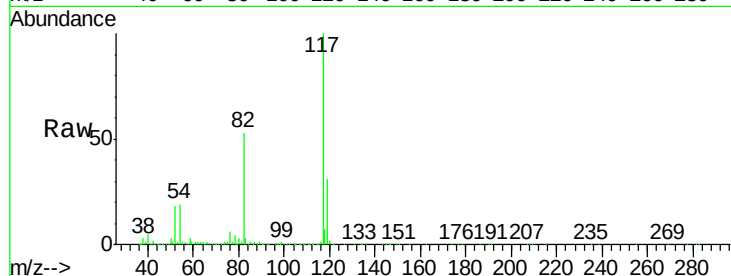




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018141.D
Acq: 31 Aug 2020 12:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200827

Tot Ion:117 Resp: 887397
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018141.D
Acq: 31 Aug 2020 12:51

Tgt Ion:152 Resp: 435930
Ion Ratio Lower Upper
152 100
115 58.9 41.5 124.5
150 159.0 0.0 343.8

