

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015631.D
 Acq On : 10 Apr 2020 18:57
 Operator : JC/SP
 Sample : L2196-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-TB-20200406

Quant Time: Apr 11 02:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1088869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1683617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1625883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	910506	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	695541	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
35) Dibromofluoromethane	5.47	113	525016	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.70	98	2020218	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.12	95	869708	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	

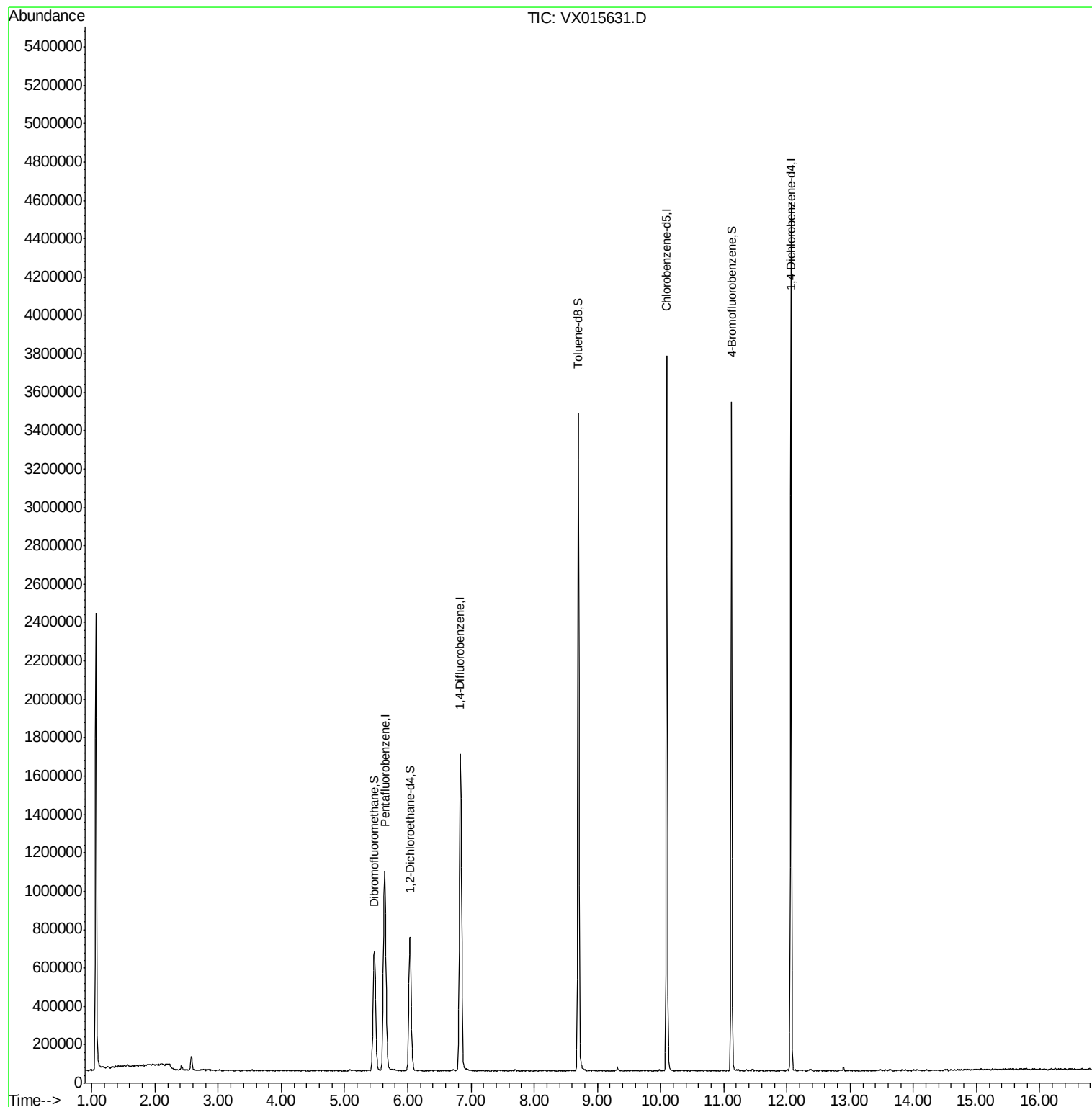
Target Compounds	Qvalue
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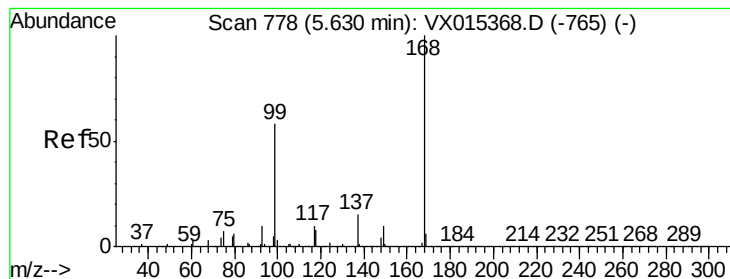
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

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Acq: 10 Apr 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

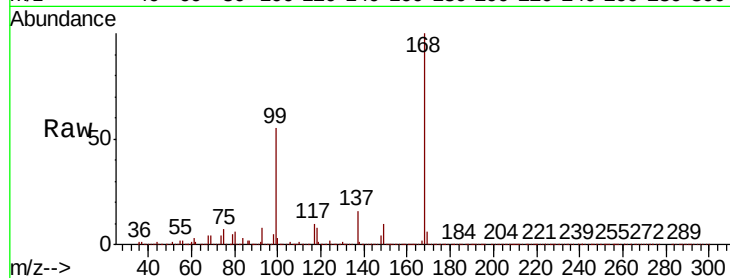
BP-VPB180-TB-20200406

Tot Ion:168 Resp: 1088869

Ion Ratio Lower Upper

168 100

99 54.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

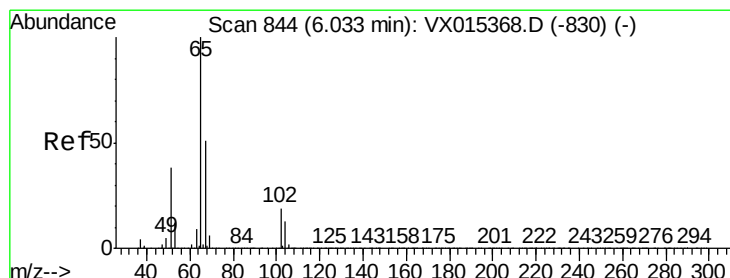
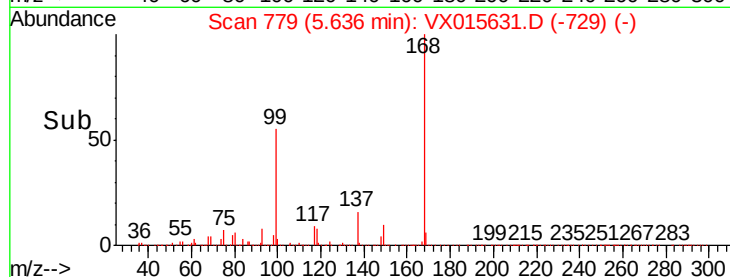
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.291 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015631.D

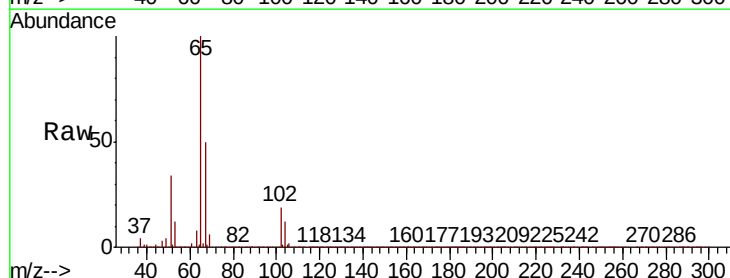
Acq: 10 Apr 2020 18:57

Tgt Ion: 65 Resp: 695541

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

150000

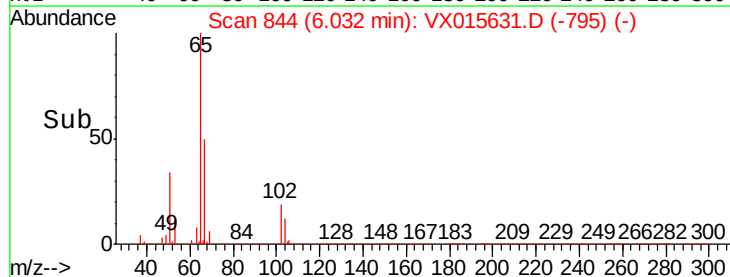
100000

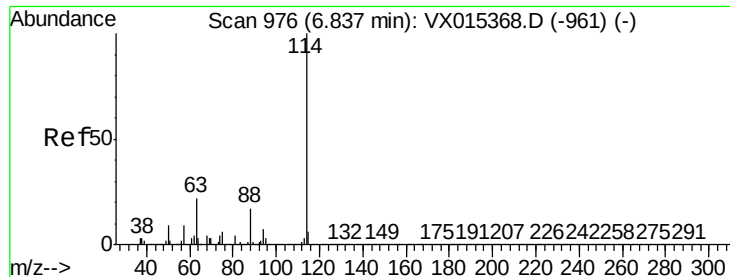
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

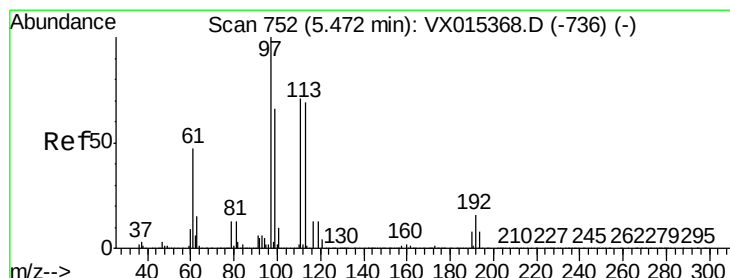
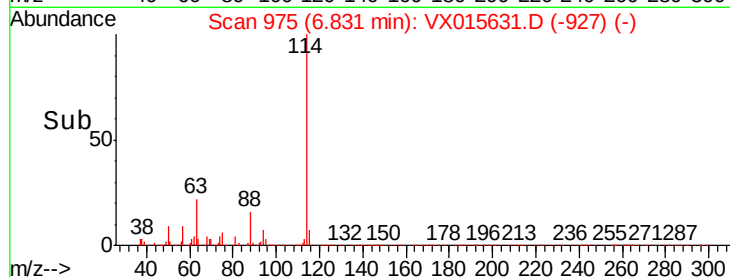
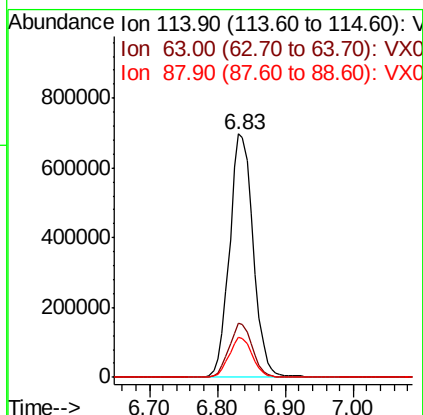
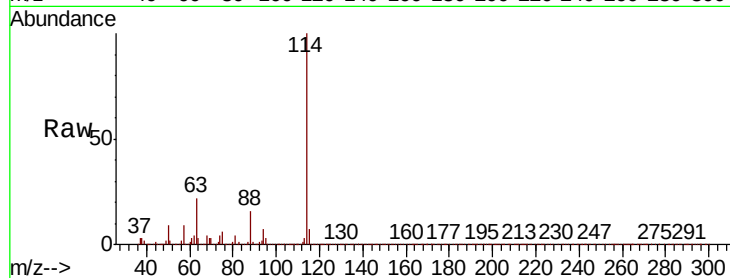
Lab File: VX015631.D

Acq: 10 Apr 2020 18:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-TB-20200406

Tot Ion:114 Resp: 1683617

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	16.2	0.0	33.8



#35

Dibromofluoromethane

Concen: 48.784 ug/l

RT: 5.47 min Scan# 752

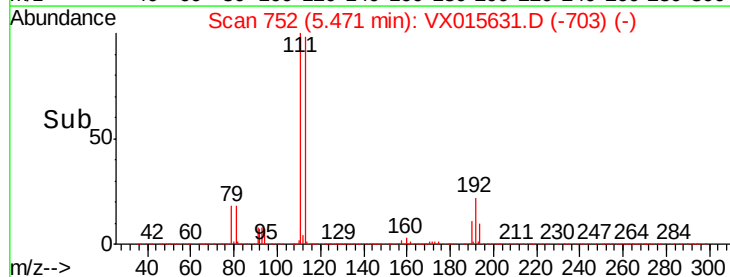
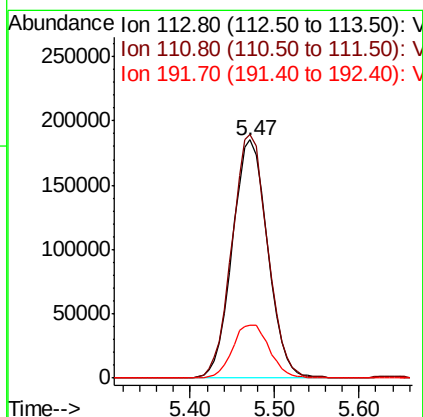
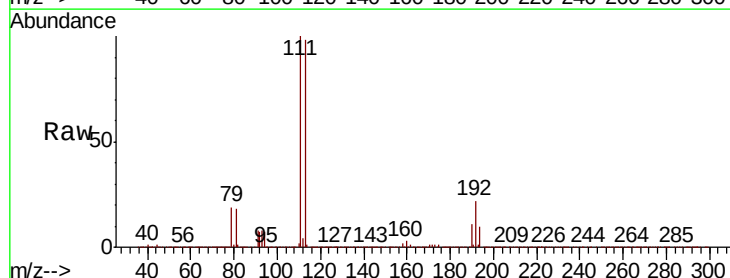
Delta R.T. -0.00 min

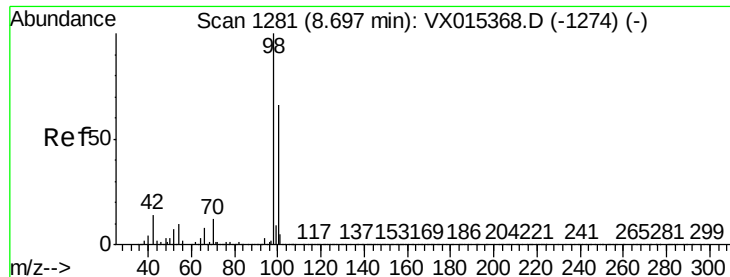
Lab File: VX015631.D

Acq: 10 Apr 2020 18:57

Tgt Ion:113 Resp: 525016

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.2	17.8	26.6





#50

Toluene-d8

Concen: 50.986 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015631.D

Acq: 10 Apr 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

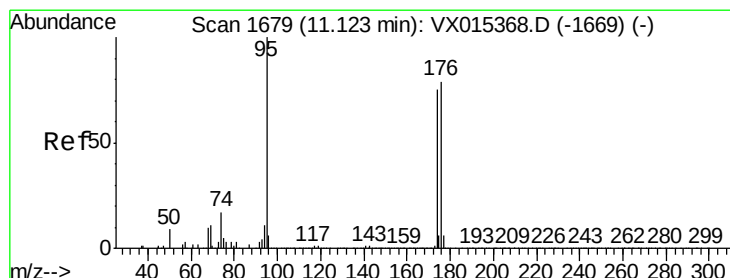
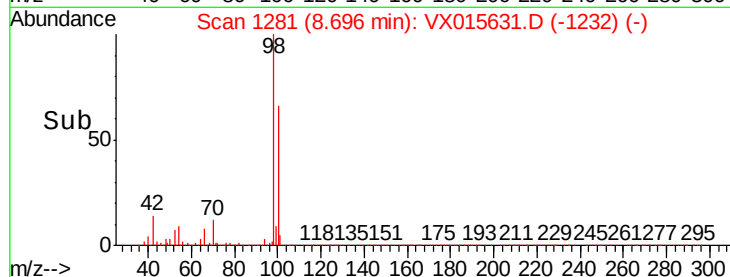
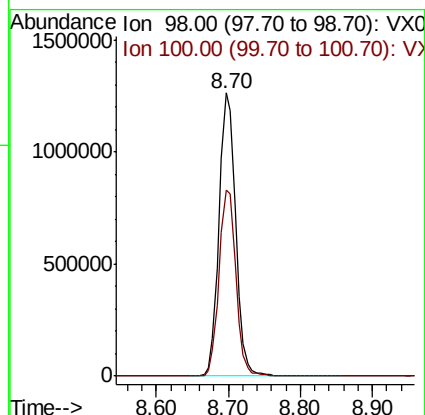
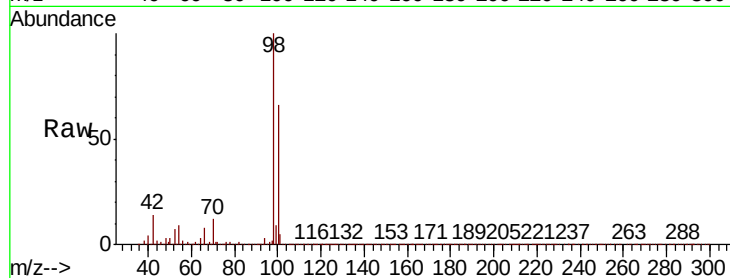
BP-VPB180-TB-20200406

Tot Ion: 98 Resp: 2020218

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.009 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015631.D

Acq: 10 Apr 2020 18:57

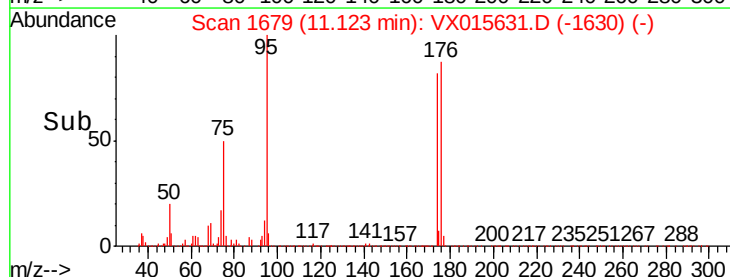
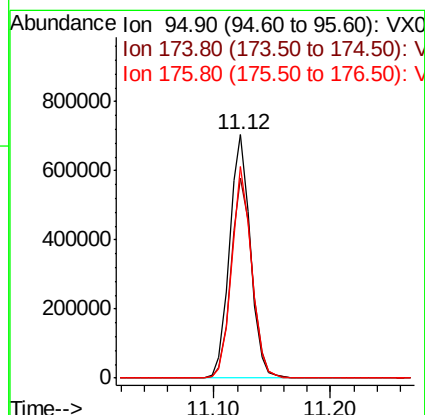
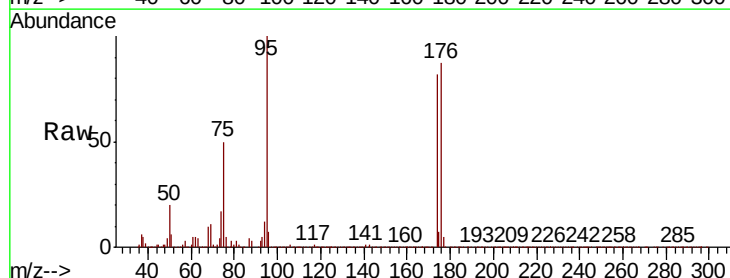
Tgt Ion: 95 Resp: 869708

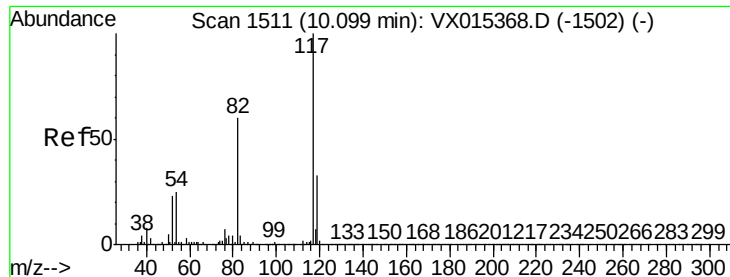
Ion Ratio Lower Upper

95 100

174 83.9 0.0 158.6

176 83.3 0.0 159.0

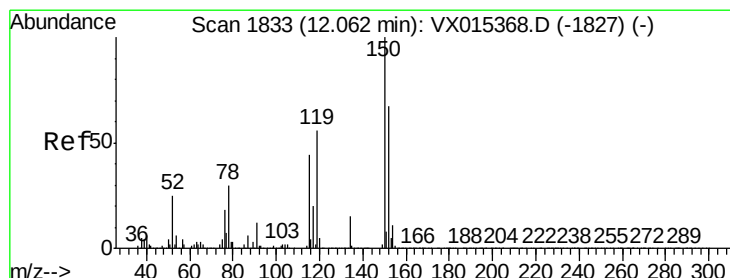
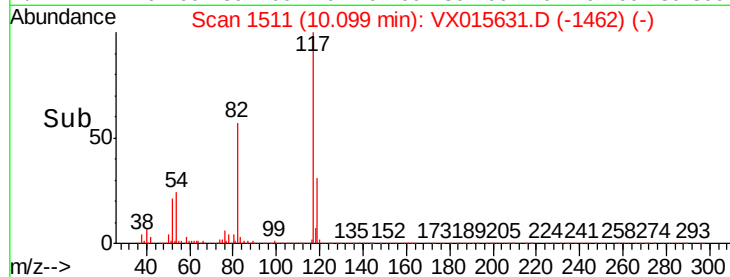
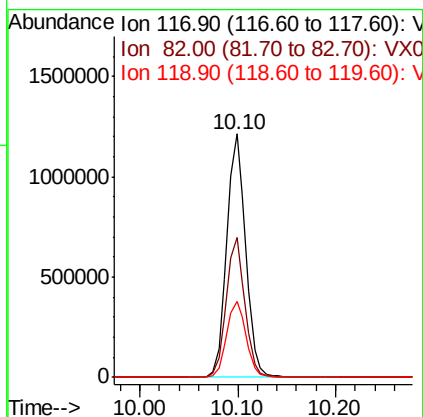
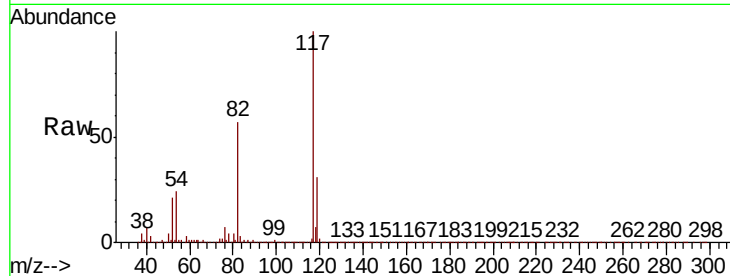




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015631.D
Acq: 10 Apr 2020 18:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-TB-20200406

Tot Ion:117 Resp: 1625883
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 31.2 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015631.D
Acq: 10 Apr 2020 18:57

Tgt Ion:152 Resp: 910506
Ion Ratio Lower Upper
152 100
115 56.6 39.0 116.9
150 156.9 0.0 340.8

