

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018098.D
 Acq On : 27 Aug 2020 17:50
 Operator : JC/SP
 Sample : L3820-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-TB-20200824

Quant Time: Aug 28 04:06:36 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	5.63	168	597647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	947599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	897739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	421827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	389951	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	5.47	113	319698	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.70	98	1165923	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.12	95	432278	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

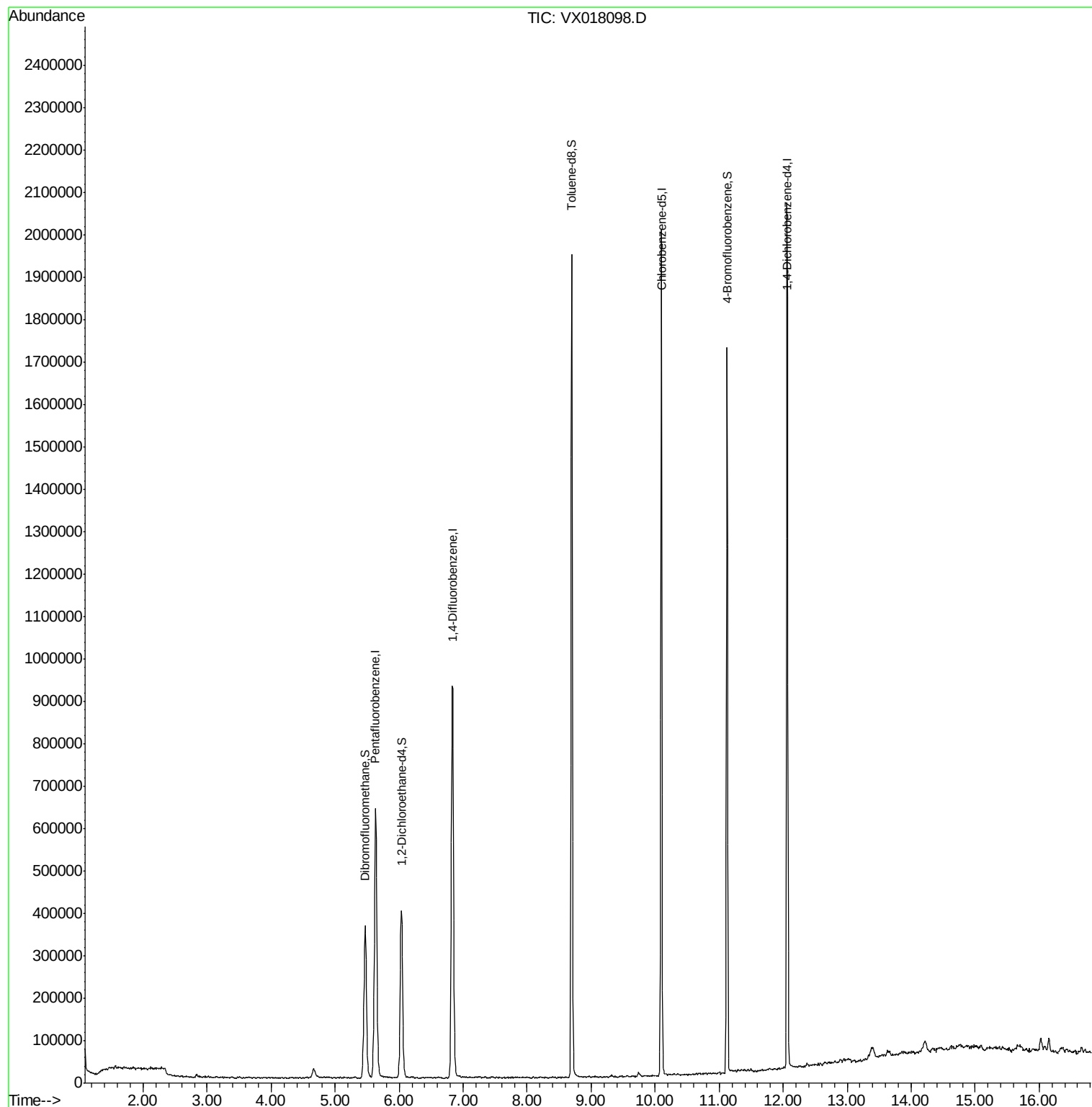
Target Compounds	Qvalue
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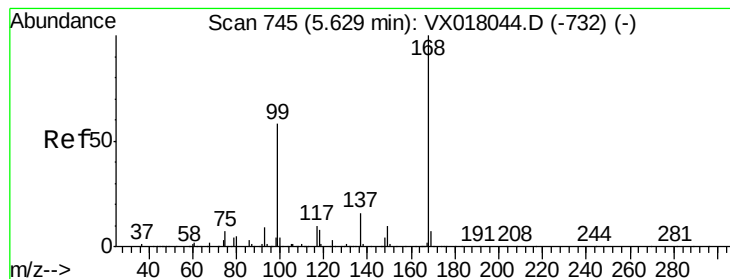
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 03:03:56 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018098.D

Acq: 27 Aug 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

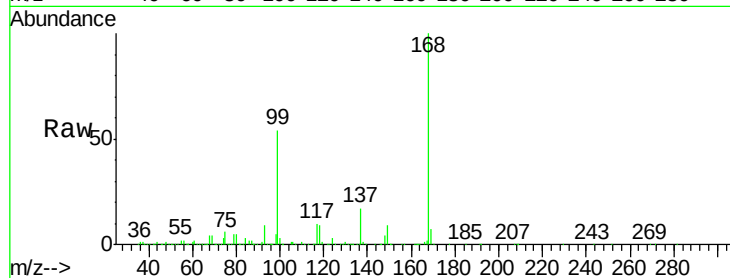
BP-VPB181-TB-20200824

Tot Ion:168 Resp: 597647

Ion Ratio Lower Upper

168 100

99 54.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

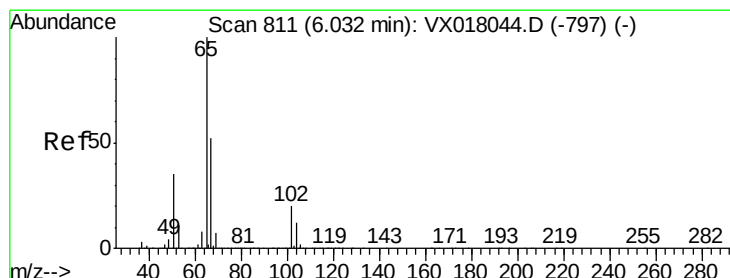
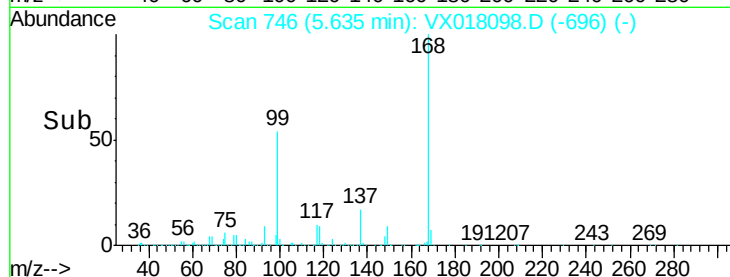
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.000 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018098.D

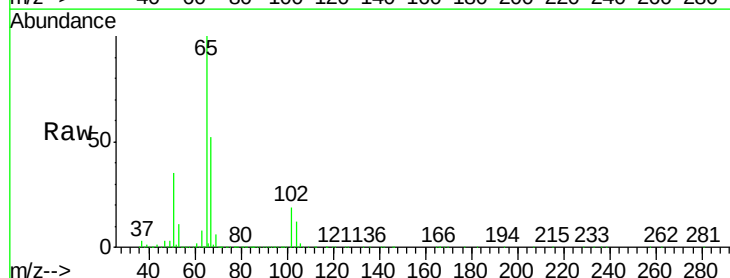
Acq: 27 Aug 2020 17:50

Tgt Ion: 65 Resp: 389951

Ion Ratio Lower Upper

65 100

67 52.1 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

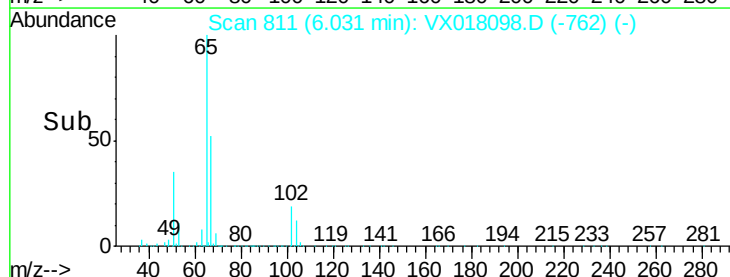
150000

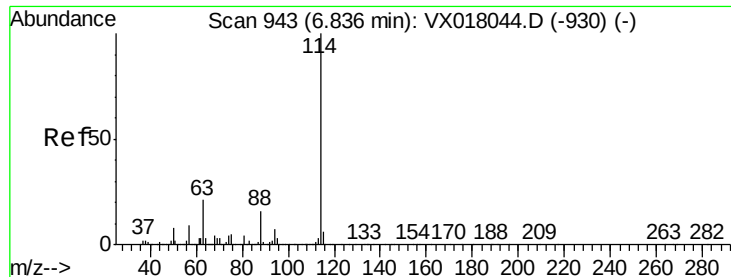
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018098.D

Acq: 27 Aug 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-TB-20200824

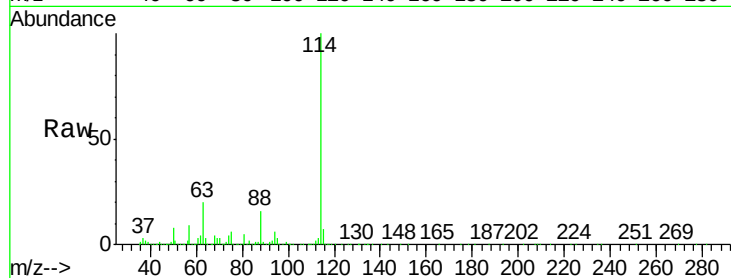
Tot Ion:114 Resp: 947599

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

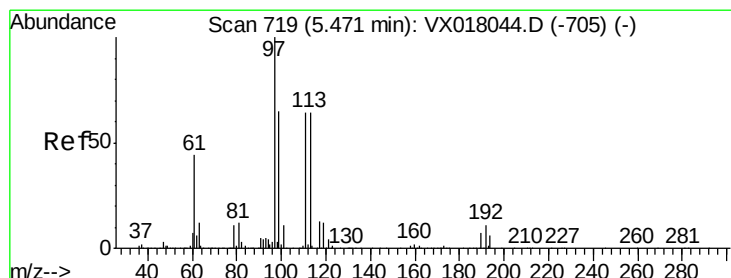
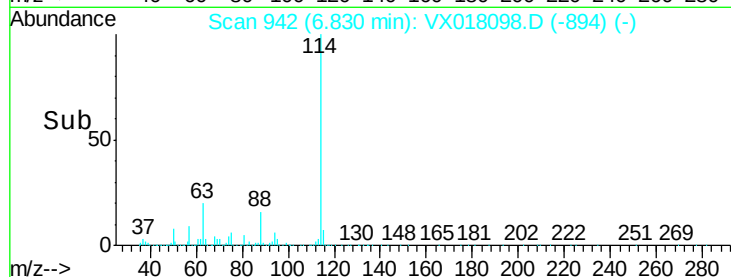
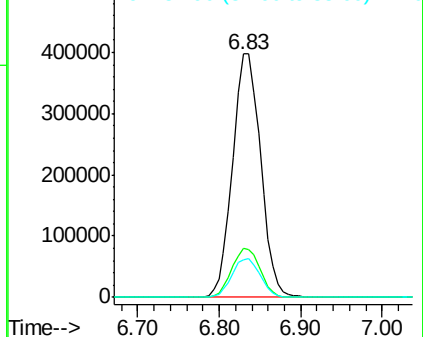
88 15.5 0.0 31.8



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: 49.538 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018098.D

Acq: 27 Aug 2020 17:50

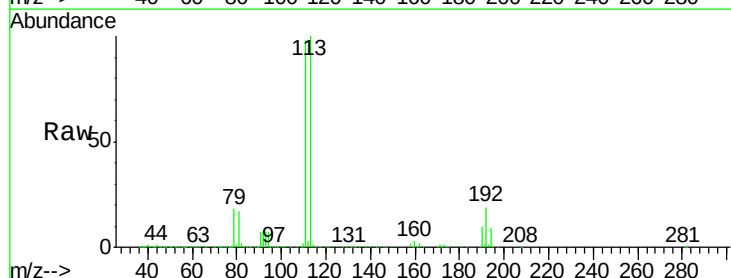
Tgt Ion:113 Resp: 319698

Ion Ratio Lower Upper

113 100

111 99.0 81.6 122.4

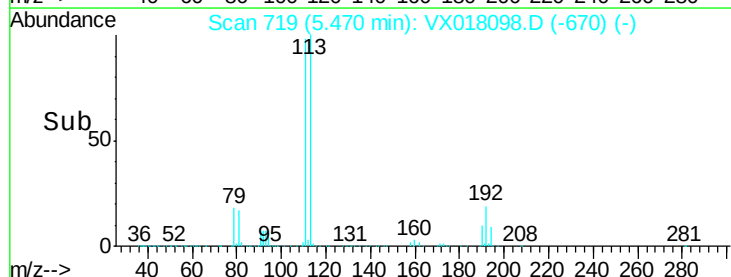
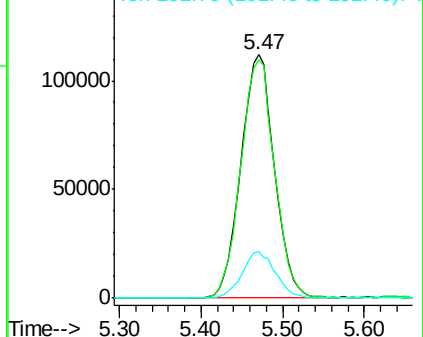
192 19.1 15.8 23.8

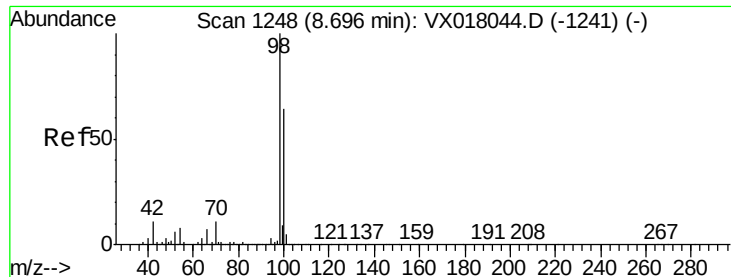


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.506 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018098.D

Acq: 27 Aug 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

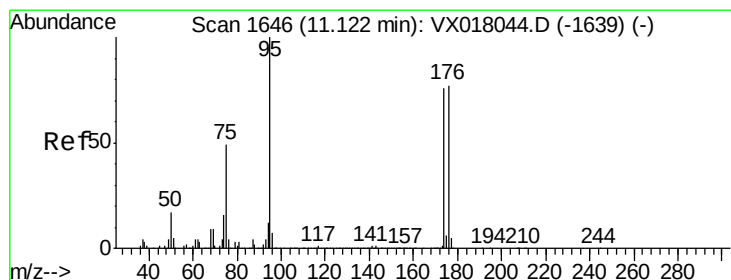
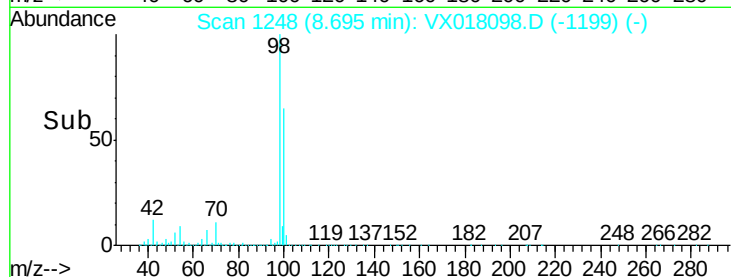
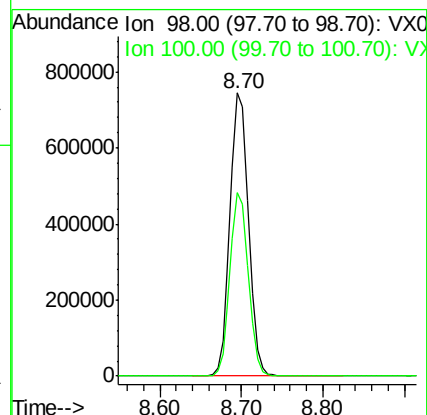
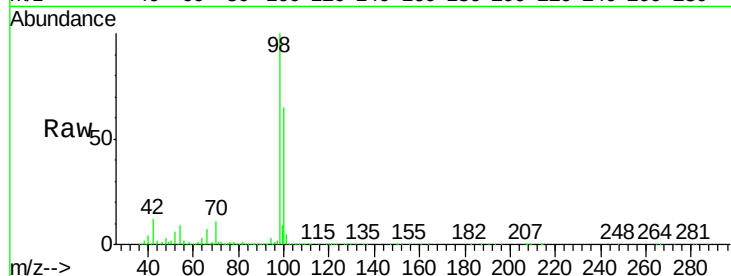
BP-VPB181-TB-20200824

Tot Ion: 98 Resp: 1165923

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.710 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018098.D

Acq: 27 Aug 2020 17:50

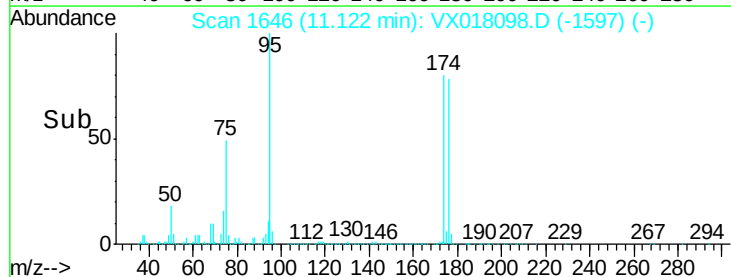
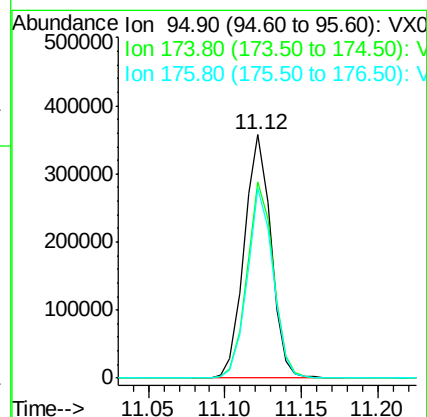
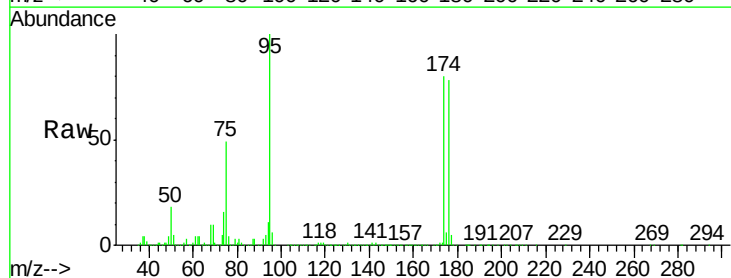
Tgt Ion: 95 Resp: 432278

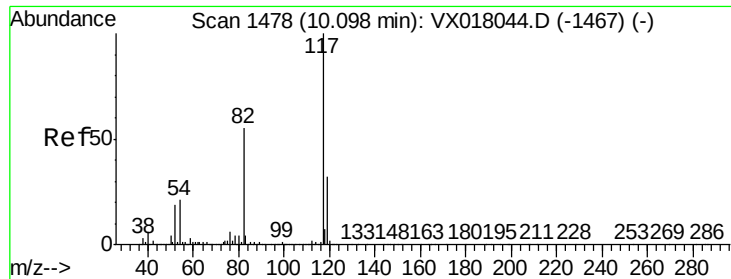
Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.2

176 75.6 0.0 155.8

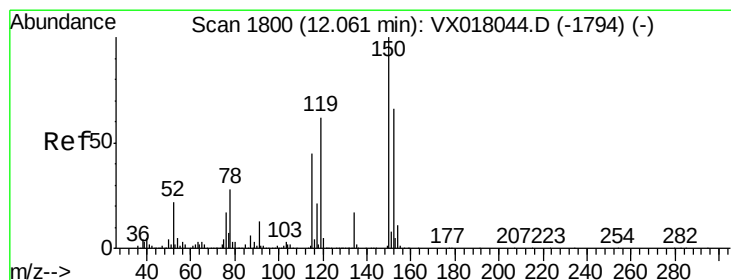
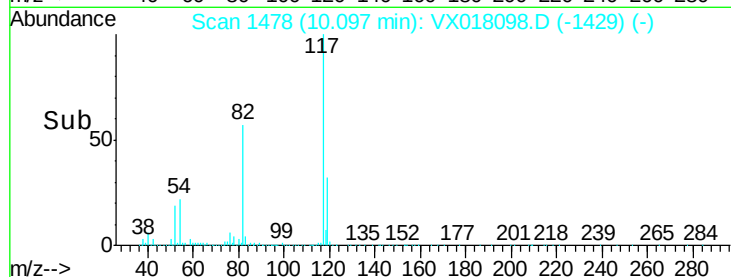
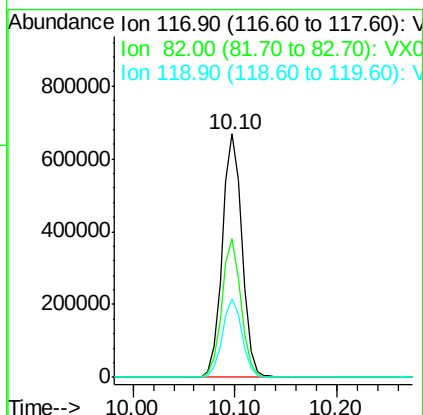
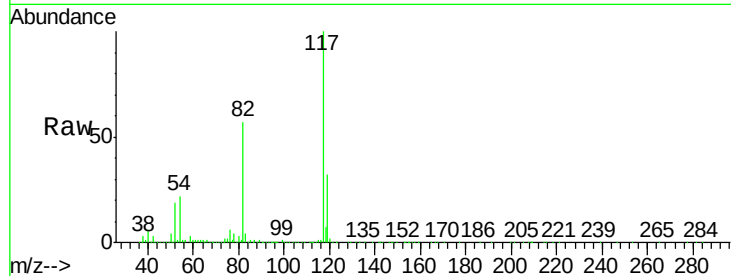




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018098.D
Acq: 27 Aug 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200824

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.2	66.2
119	32.3	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: VX018098.D
Acq: 27 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.5	124.5
150	156.1	0.0	343.8

