

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017977.D
 Acq On : 19 Aug 2020 12:17
 Operator : JC/SP
 Sample : L3717-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-778-780

Quant Time: Aug 19 13:49:08 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

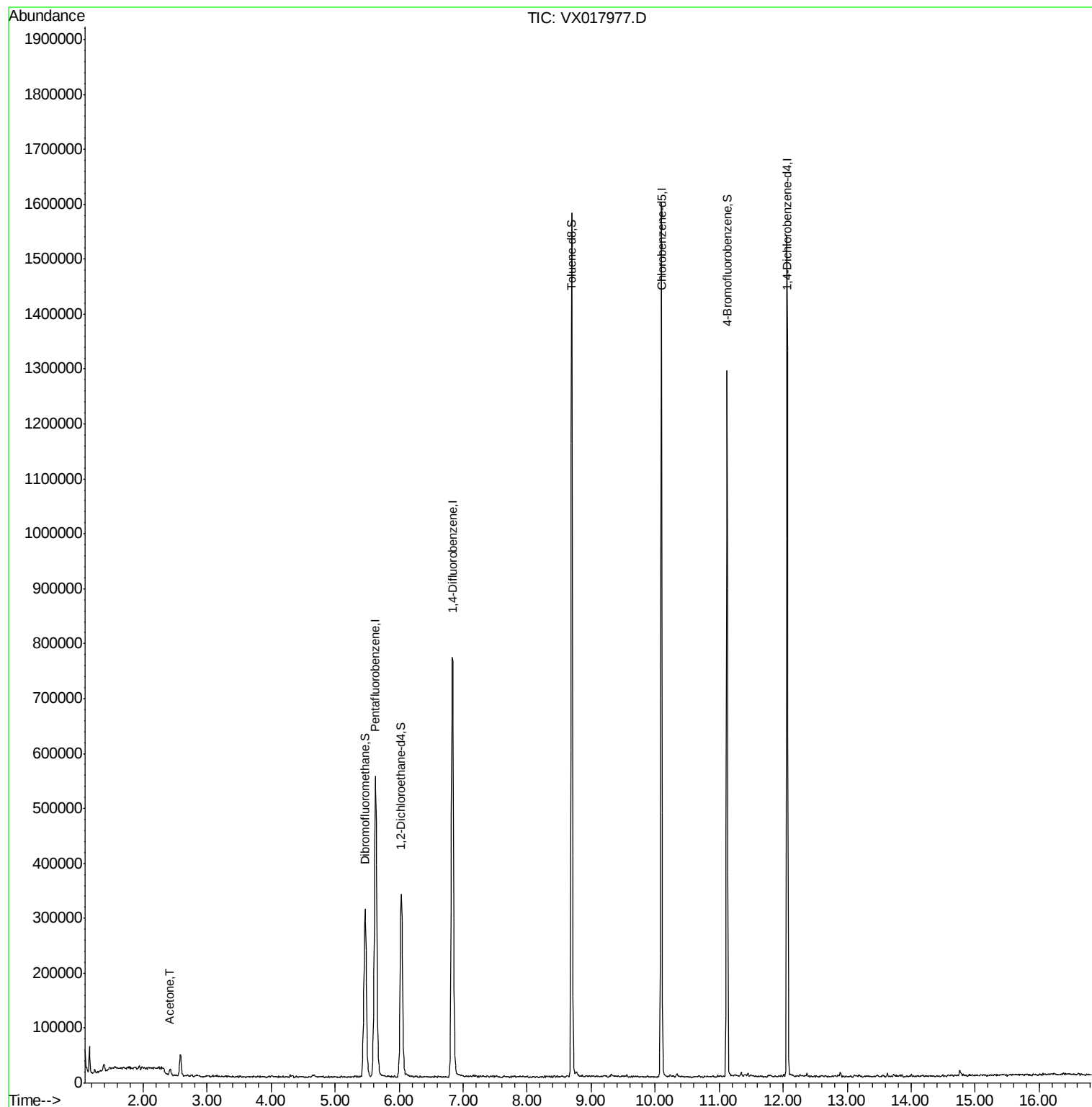
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	509765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	763583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	701756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	333143	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
35) Dibromofluoromethane	5.47	113	268264	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.70	98	924782	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	11.12	95	318315	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
16) Acetone	2.42	43	14041	4.776	ug/l	Qvalue 94

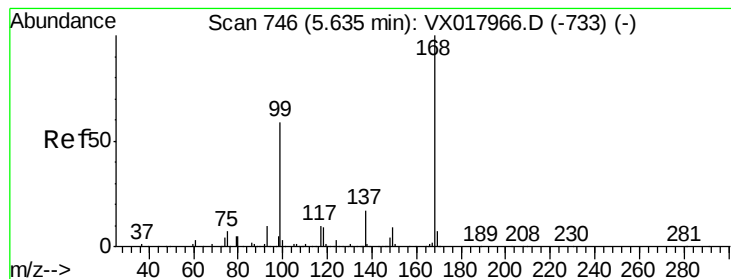
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Acq: 19 Aug 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

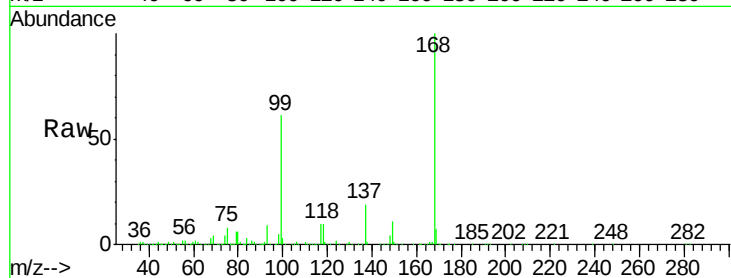
BP-VPB179-GW-778-780

Tot Ion:168 Resp: 509765

Ion Ratio Lower Upper

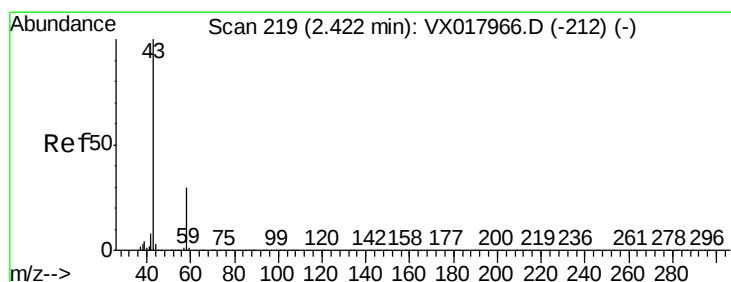
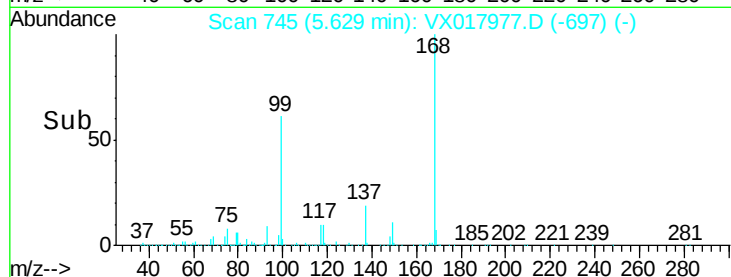
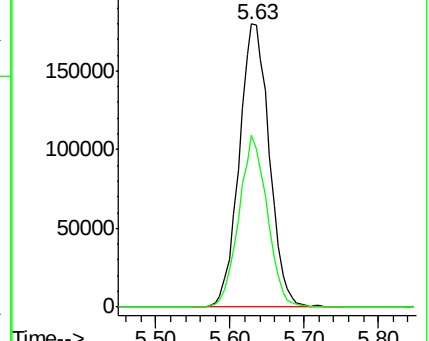
168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.776 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017977.D

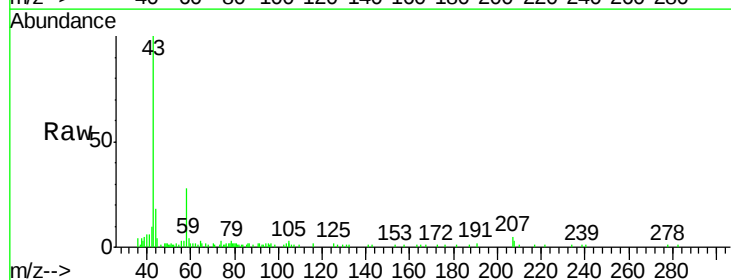
Acq: 19 Aug 2020 12:17

Tgt Ion: 43 Resp: 14041

Ion Ratio Lower Upper

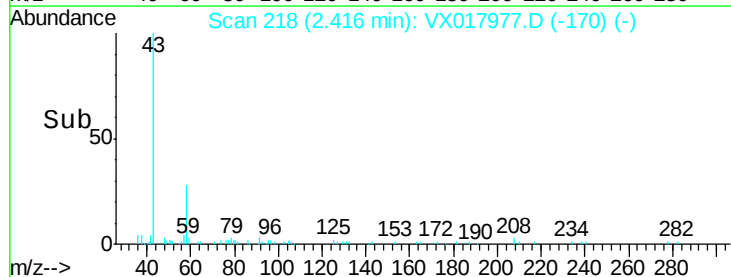
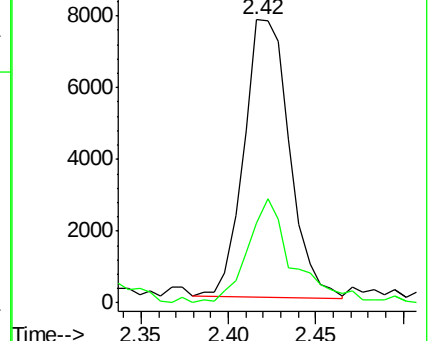
43 100

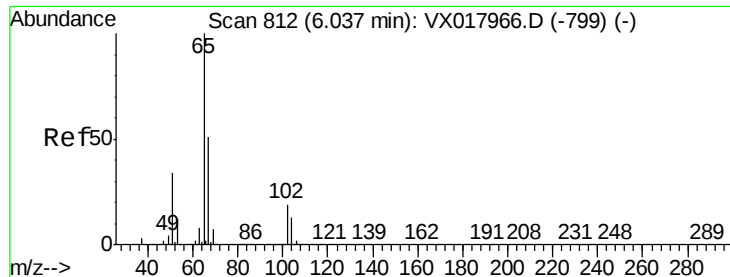
58 26.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.581 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX017977.D

Acq: 19 Aug 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

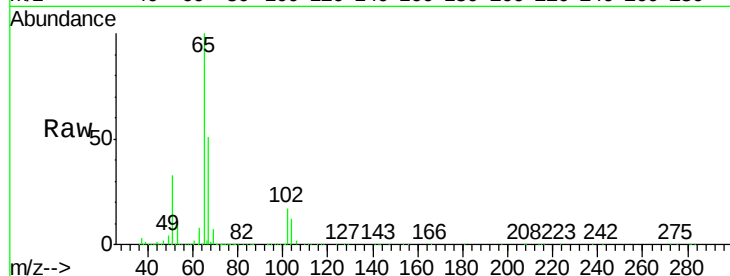
BP-VPB179-GW-778-780

Tot Ion: 65 Resp: 333143

Ion Ratio Lower Upper

65 100

67 50.6 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

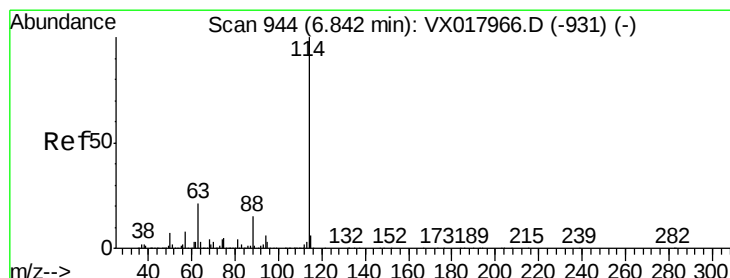
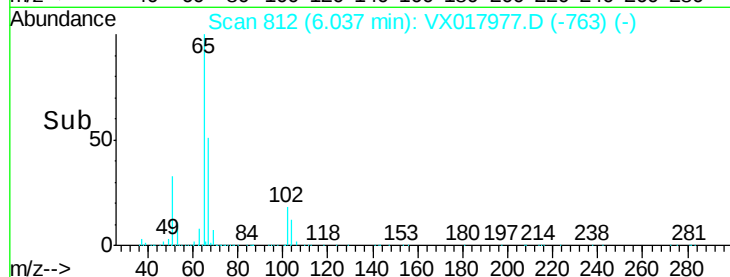
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017977.D

Acq: 19 Aug 2020 12:17

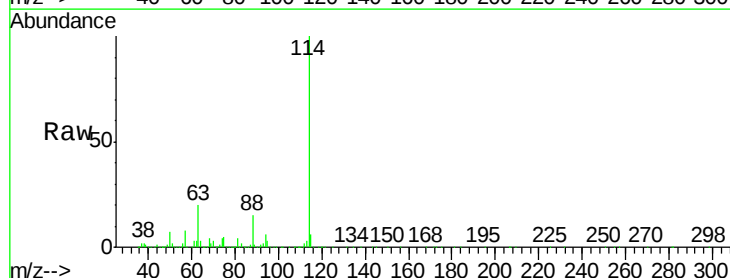
Tgt Ion: 114 Resp: 763583

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.1 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

6.84

400000

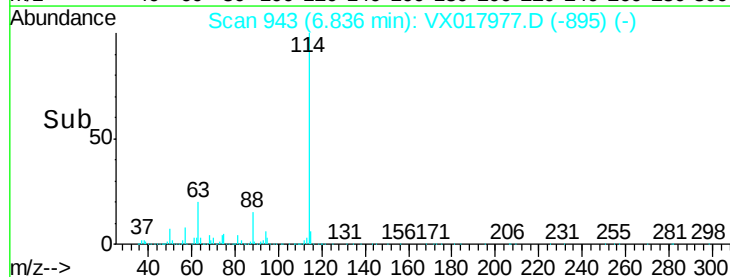
300000

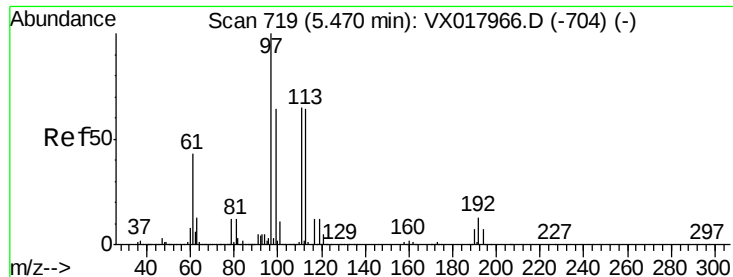
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.177 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017977.D

Acq: 19 Aug 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-778-780

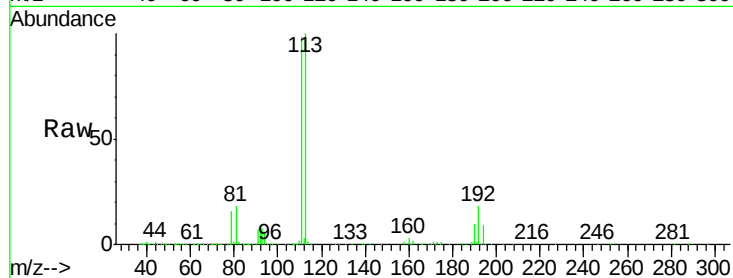
Tot Ion:113 Resp: 268264

Ion Ratio Lower Upper

113 100

111 102.3 83.5 125.3

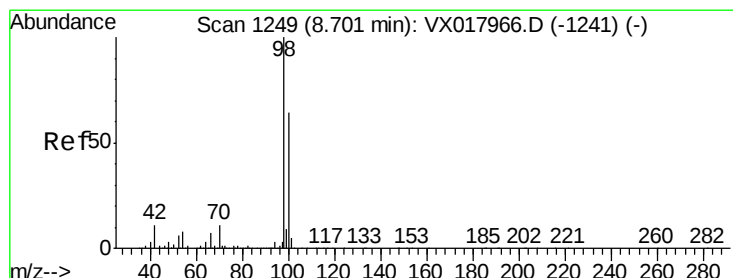
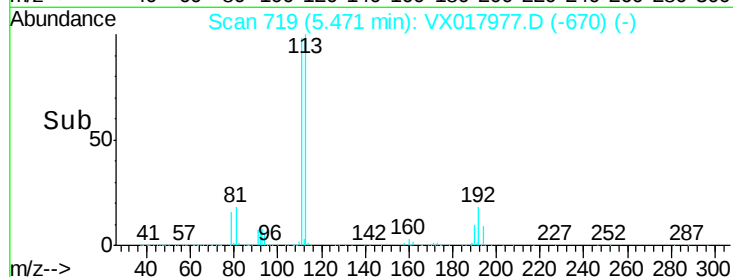
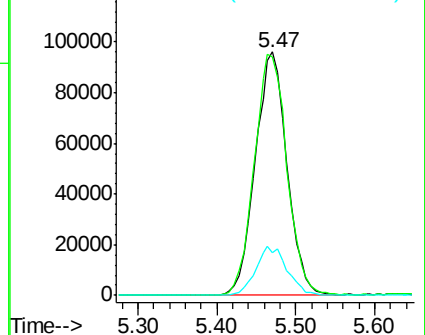
192 19.9 16.2 24.4



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: 46.010 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017977.D

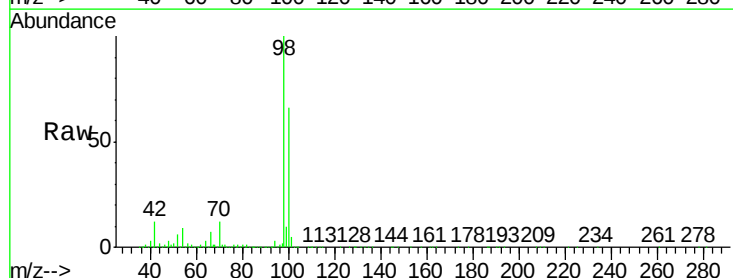
Acq: 19 Aug 2020 12:17

Tgt Ion: 98 Resp: 924782

Ion Ratio Lower Upper

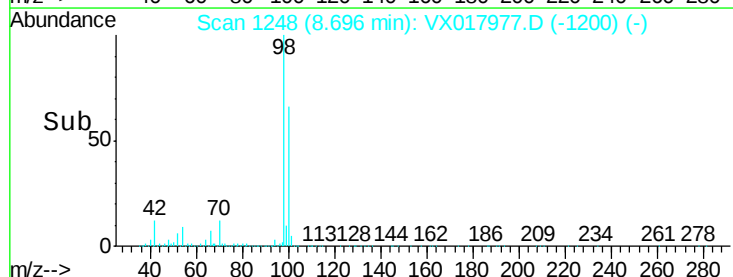
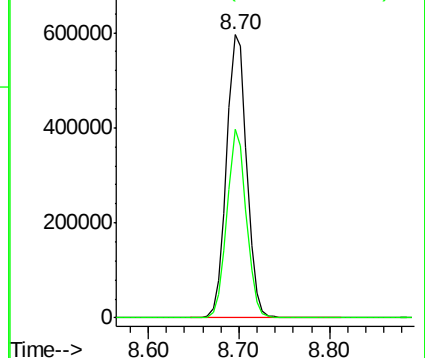
98 100

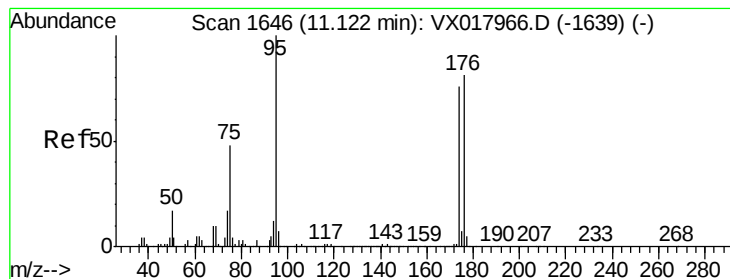
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.878 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017977.D

Acq: 19 Aug 2020 12:17

Instrument :

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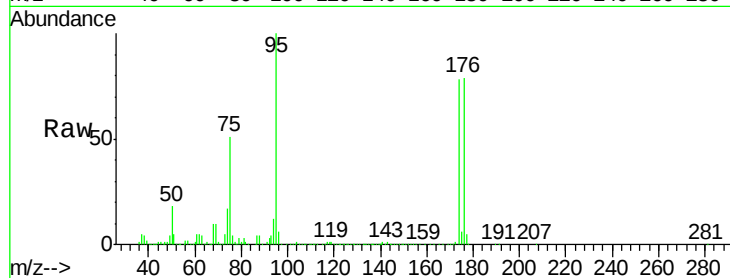
Tot Ion: 95 Resp: 318315

Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.0

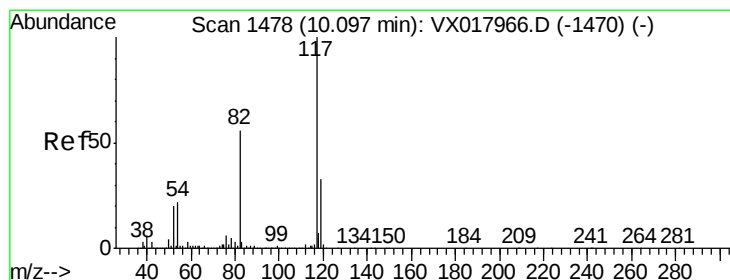
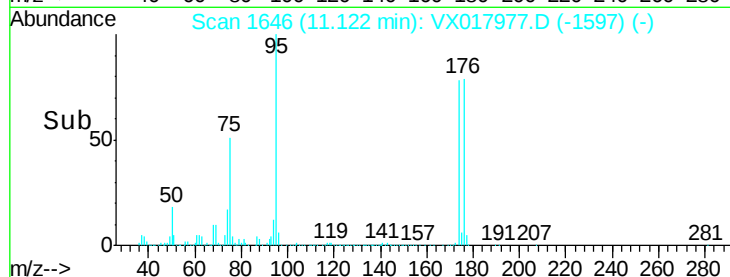
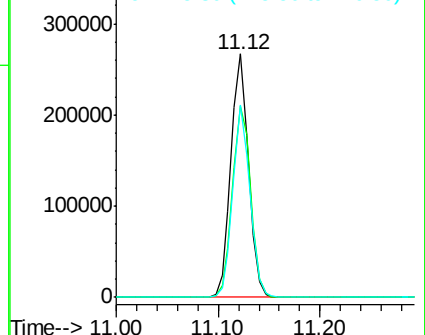
176 76.5 0.0 161.0



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: VX017977.D

Acq: 19 Aug 2020 12:17

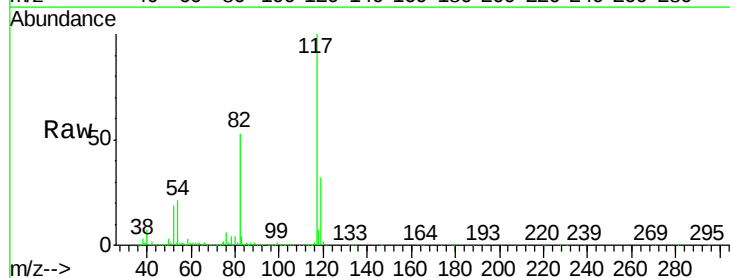
Tgt Ion: 117 Resp: 701756

Ion Ratio Lower Upper

117 100

82 53.5 44.6 66.8

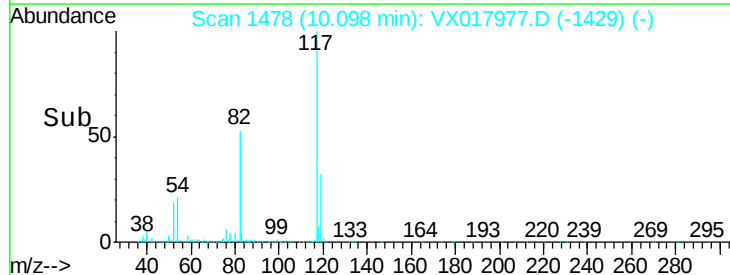
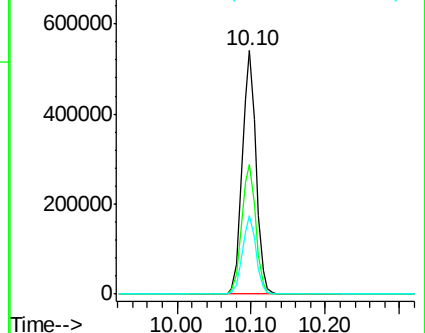
119 32.0 26.2 39.4

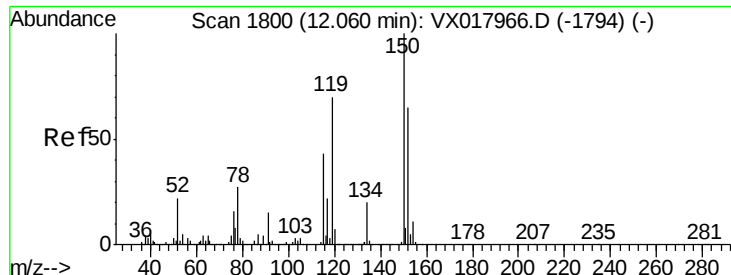


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017977.D

Acq: 19 Aug 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-778-780

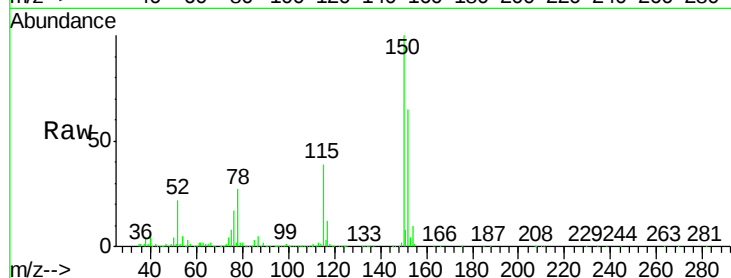
Tot Ion:152 Resp: 313862

Ion Ratio Lower Upper

152 100

115 58.9 40.6 121.7

150 154.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

