

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017772.D
 Acq On : 04 Aug 2020 15:48
 Operator : JC/SP
 Sample : L3556-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-418-420

Quant Time: Aug 05 03:01:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	613686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	878661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	824992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411340	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	385006	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.46	113	300770	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.70	98	1054628	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	399518	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

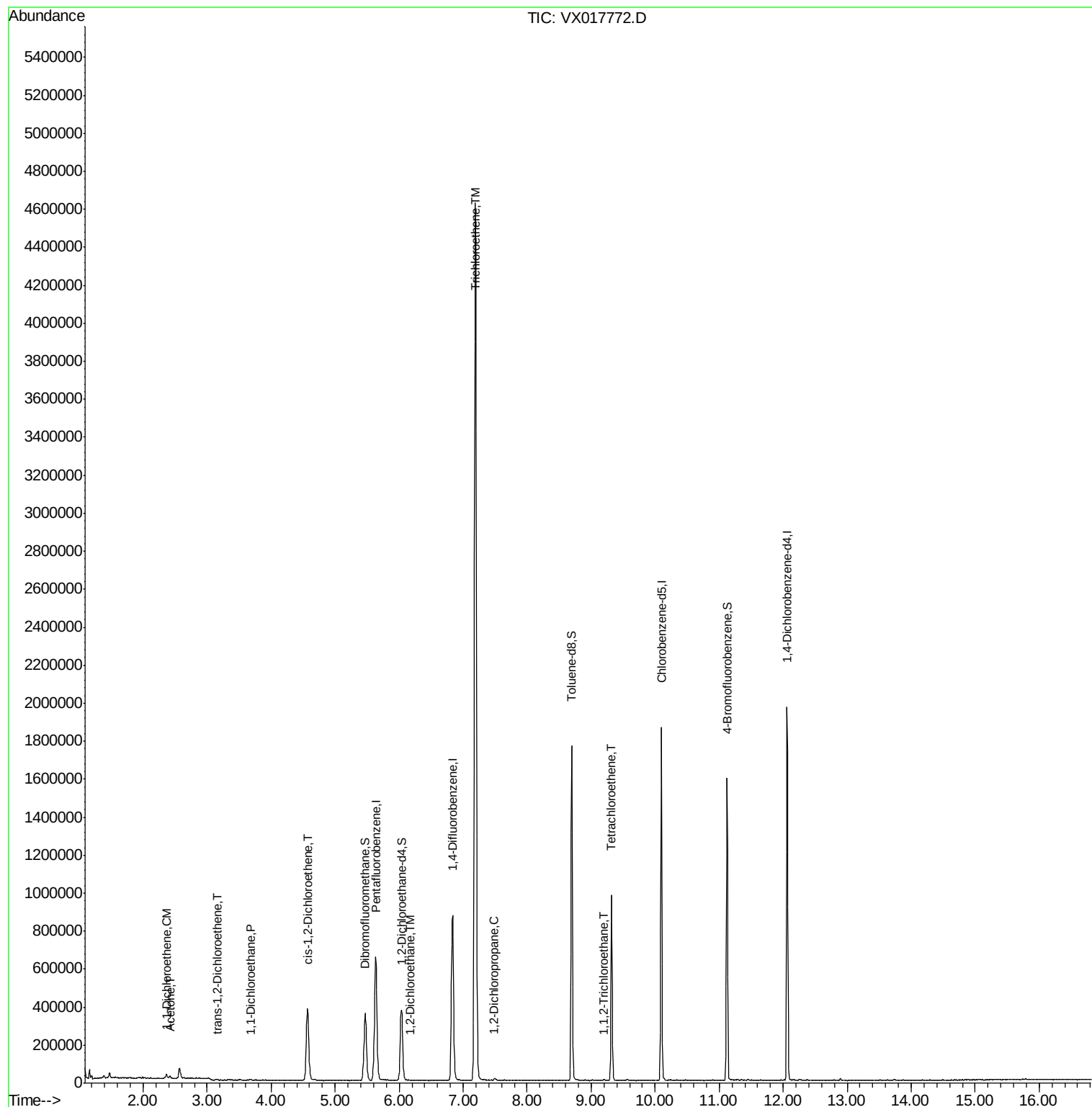
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	7750	1.223	ug/l	93
16) Acetone	2.42	43	13675	3.941	ug/l #	84
21) trans-1,2-Dichloroethene	3.15	96	2903	0.428	ug/l #	75
24) 1,1-Dichloroethane	3.67	63	6776	0.556	ug/l #	87
27) cis-1,2-Dichloroethene	4.57	96	241341	32.721	ug/l	88
42) 1,2-Dichloroethane	6.16	62	2062	0.209	ug/l #	70
44) Trichloroethene	7.19	130	1763170	249.718	ug/l	97
45) 1,2-Dichloropropane	7.49	63	4511	0.674	ug/l	90
55) 1,1,2-Trichloroethane	9.20	97	1764	0.273	ug/l #	80
64) Tetrachloroethene	9.32	164	184952	24.978	ug/l	99

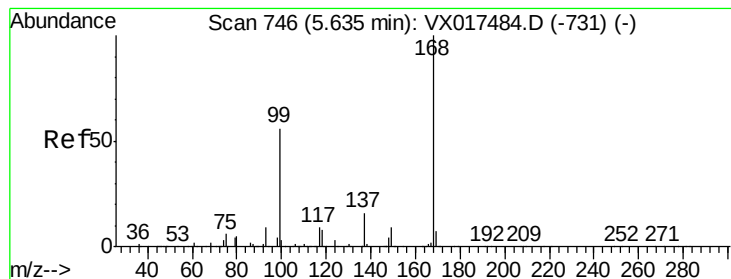
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

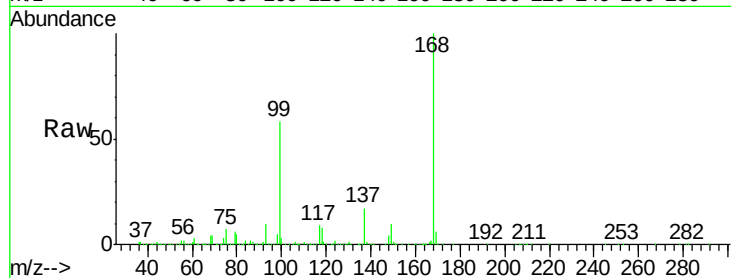
BP-VPB179-GW-418-420

Tgt Ion:168 Resp: 613686

Ion Ratio Lower Upper

168 100

99 58.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

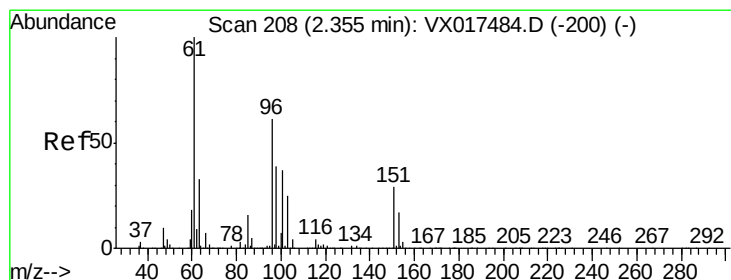
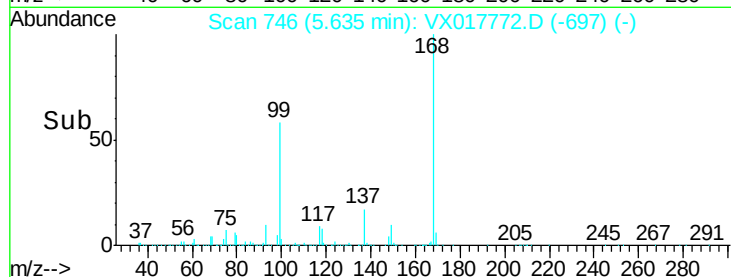
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.223 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

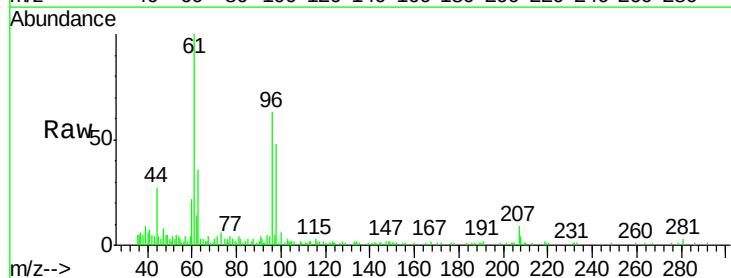
Tgt Ion: 96 Resp: 7750

Ion Ratio Lower Upper

96 100

61 160.5 134.0 201.0

98 74.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

10000

8000

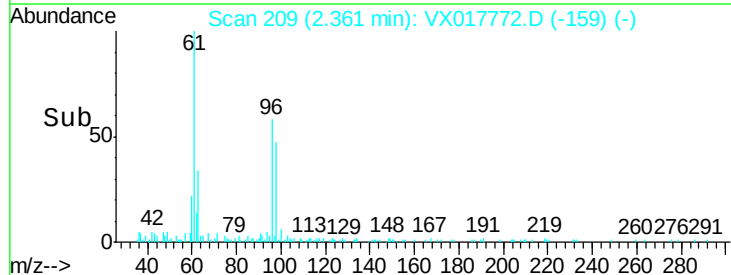
6000

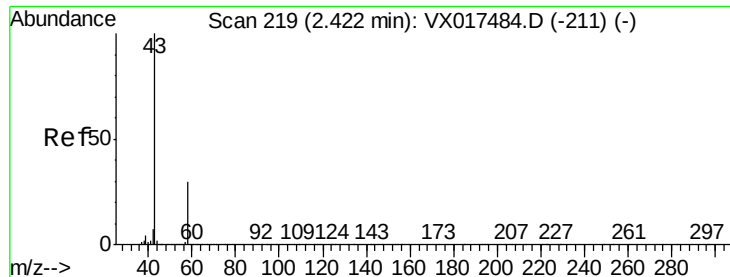
4000

2000

0

Time-->





#16

Acetone

Concen: 3.941 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

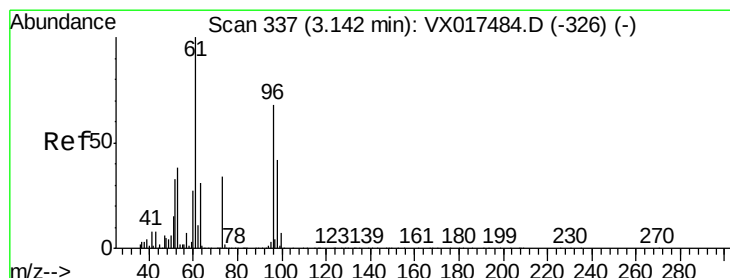
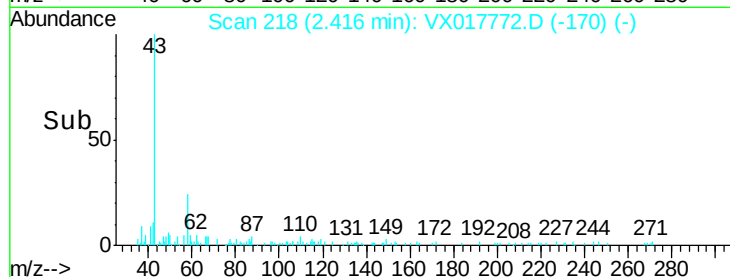
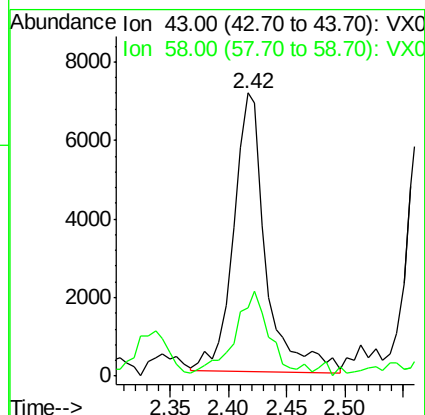
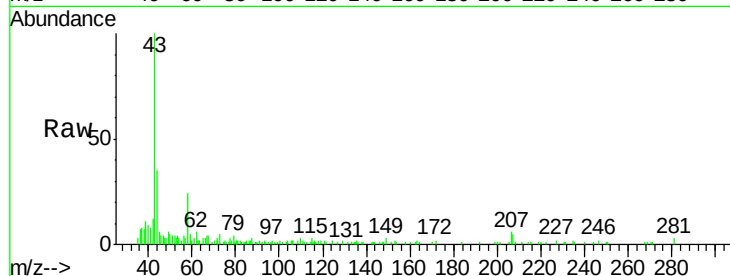
BP-VPB179-GW-418-420

Tgt Ion: 43 Resp: 13675

Ion Ratio Lower Upper

43 100

58 21.5 24.2 36.4#



#21

trans-1,2-Dichloroethene

Concen: 0.428 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

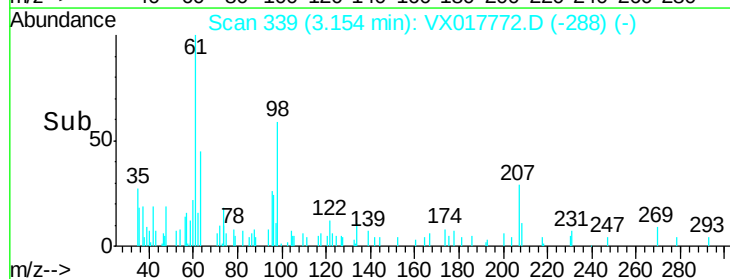
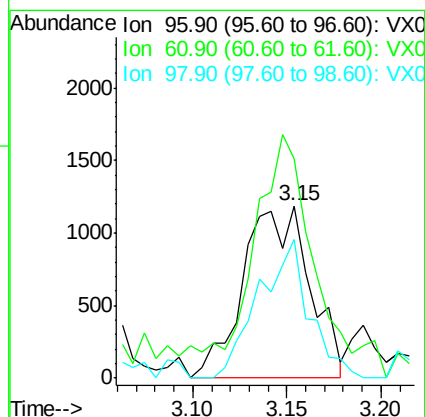
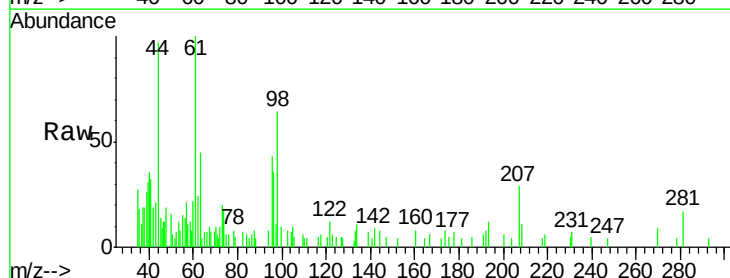
Tgt Ion: 96 Resp: 2903

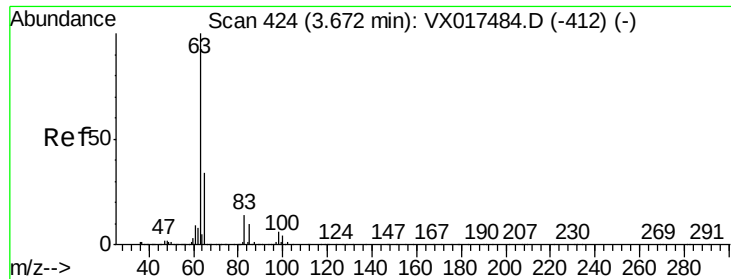
Ion Ratio Lower Upper

96 100

61 108.1 113.0 169.4#

98 80.9 51.8 77.8#





#24

1,1-Dichloroethane

Concen: 0.556 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

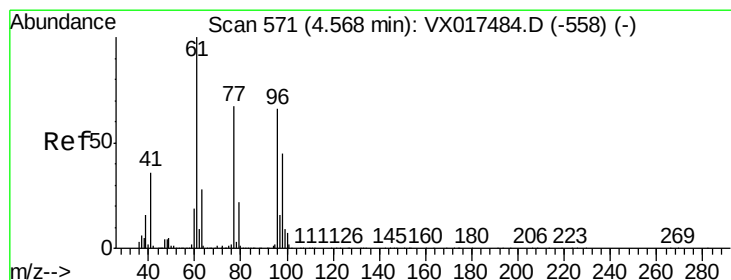
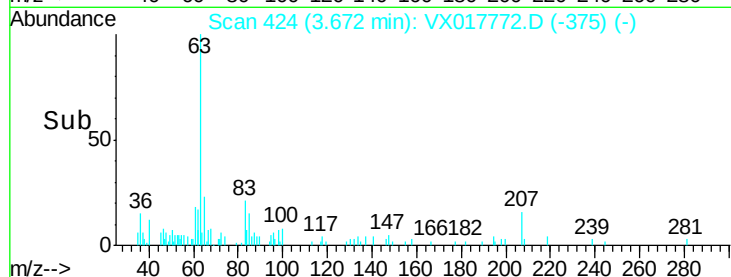
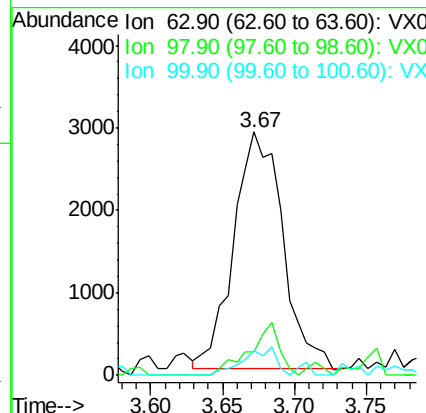
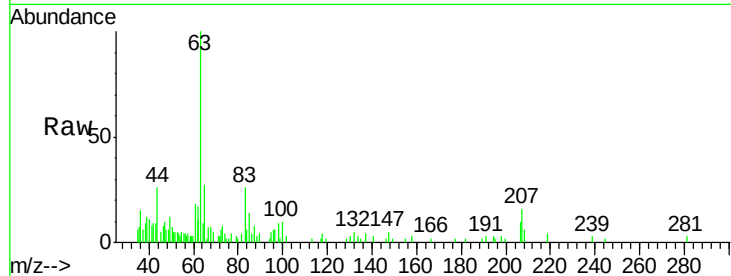
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420

Tgt Ion:	63	Resp:	6776
Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.4	10.1
100	10.2	1.9	5.7#



#27

cis-1,2-Dichloroethene

Concen: 32.721 ug/l

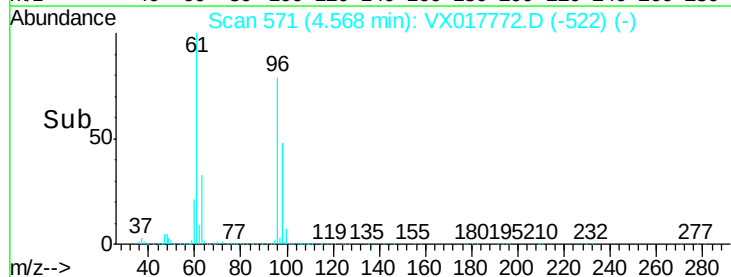
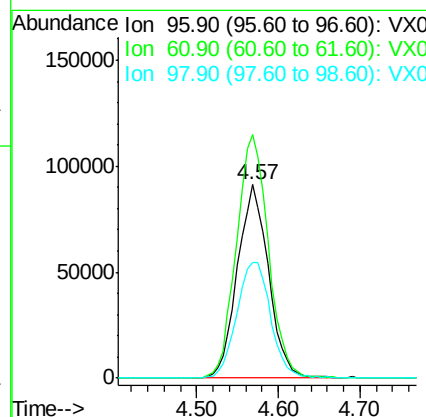
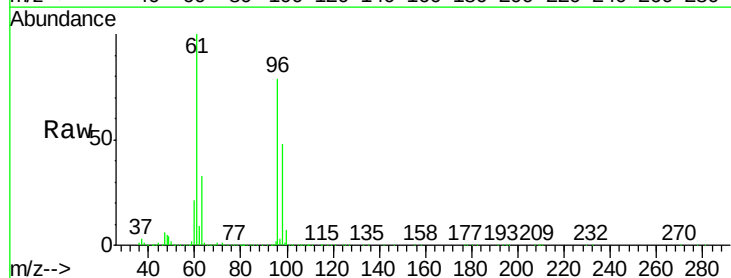
RT: 4.57 min Scan# 571

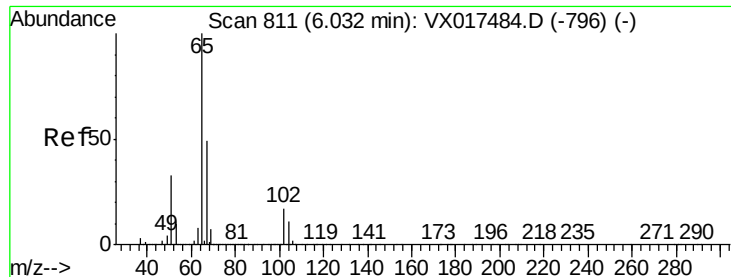
Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Tgt Ion:	96	Resp:	241341
Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	301.2
98	65.0	0.0	130.0

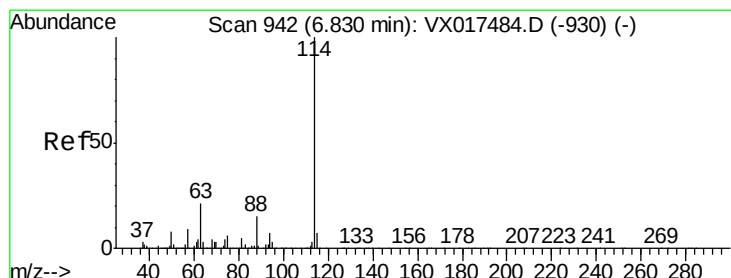
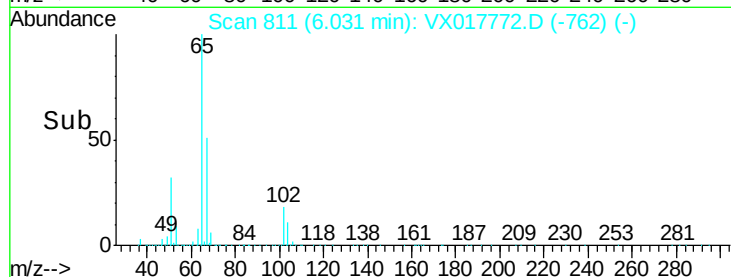
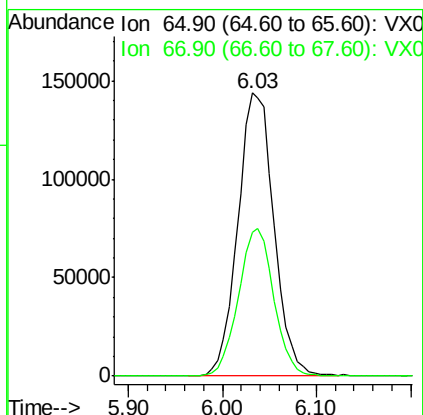
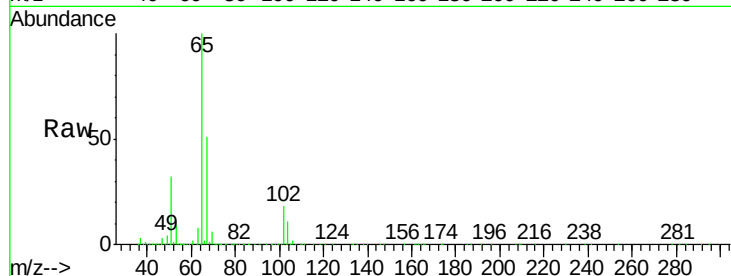




#33
 1,2-Dichloroethane-d4
 Concen: 48.840 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

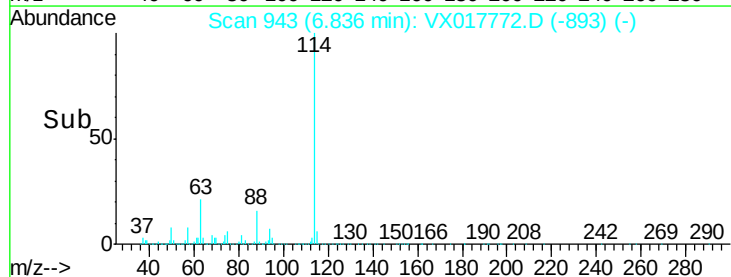
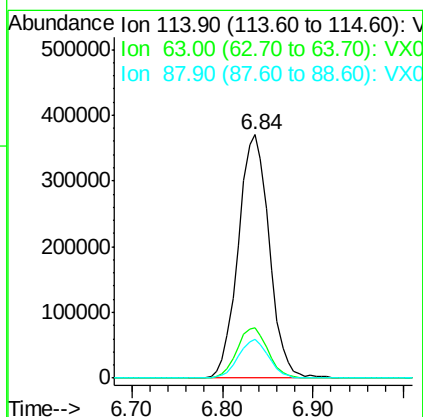
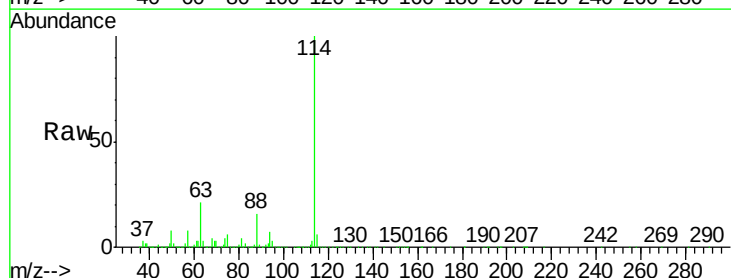
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-418-420

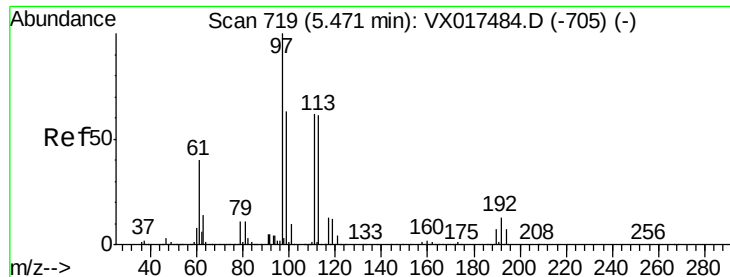
Tgt Ion: 65 Resp: 385006
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Tgt Ion: 114 Resp: 878661
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.6
 88 15.9 0.0 33.4

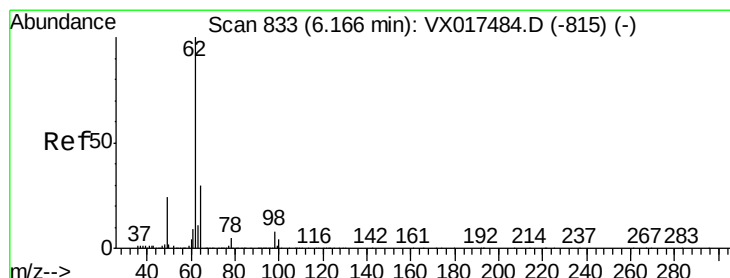
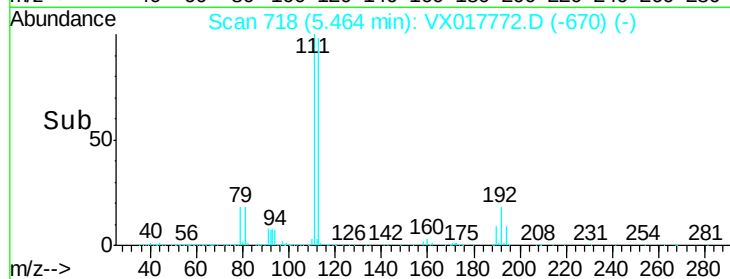
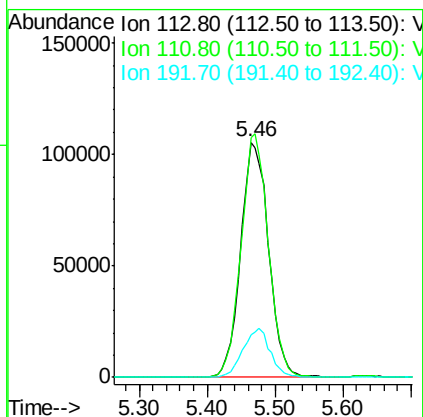
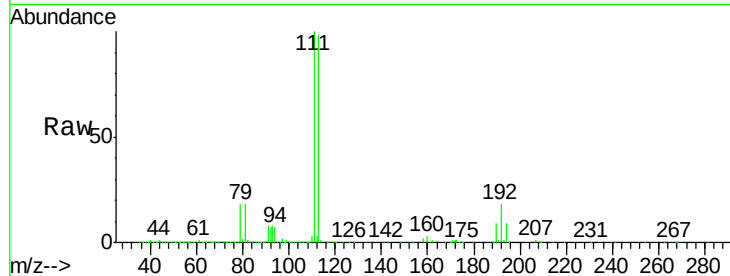




#35
 Dibromofluoromethane
 Concen: 51.182 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

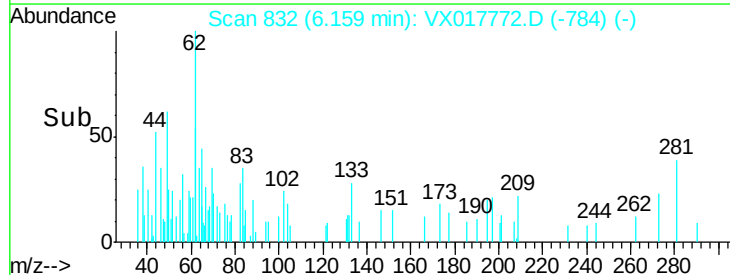
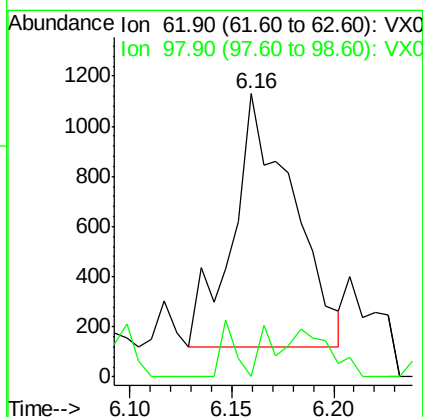
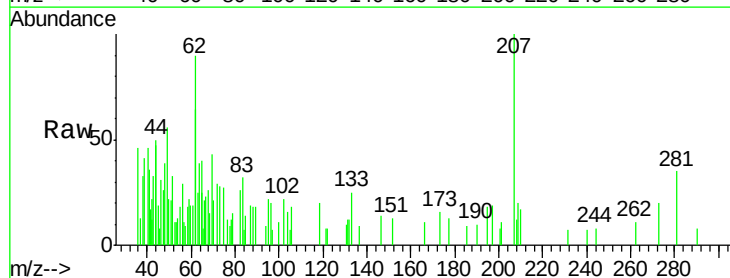
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-418-420

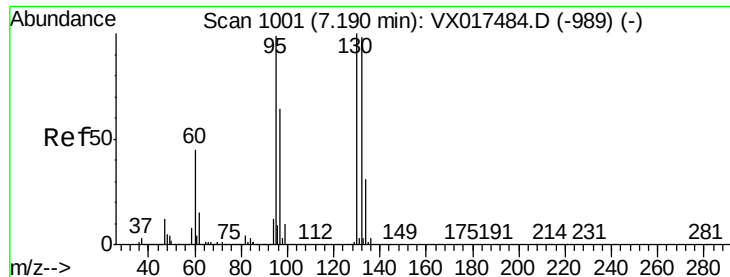
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.7	121.1
192	20.4	16.9	25.3



#42
 1,2-Dichloroethane
 Concen: 0.209 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	18.4	0.0	16.0#





#44

Trichloroethene

Concen: 249.718 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

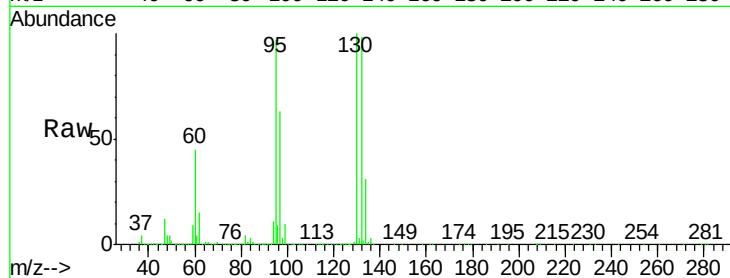
BP-VPB179-GW-418-420

Tgt Ion:130 Resp: 1763170

Ion Ratio Lower Upper

130 100

95 97.2 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

1000000

800000

600000

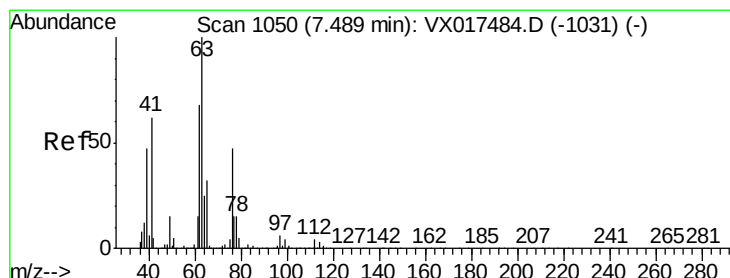
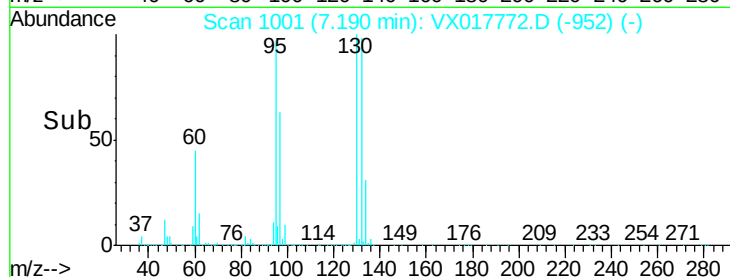
400000

200000

0

7.10 7.20 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 0.674 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017772.D

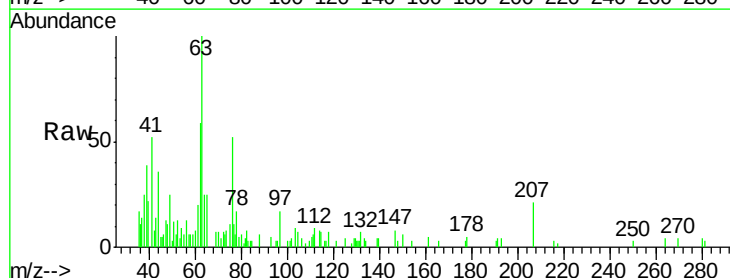
Acq: 04 Aug 2020 15:48

Tgt Ion: 63 Resp: 4511

Ion Ratio Lower Upper

63 100

65 25.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

2500

2000

1500

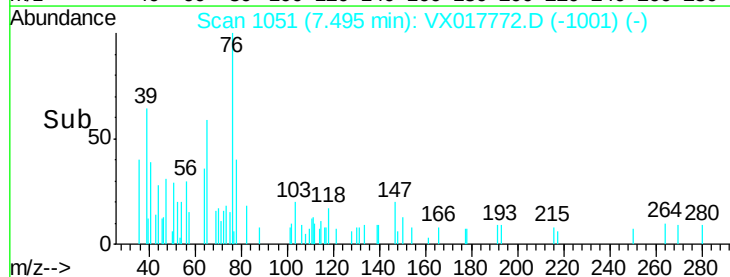
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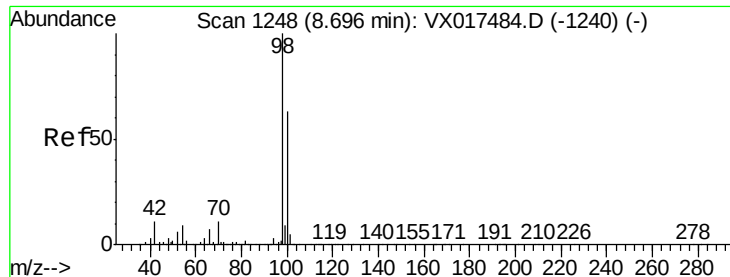
500

0

7.40 7.45 7.50 7.55

Time-->





#50

Toluene-d8

Concen: 49.748 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

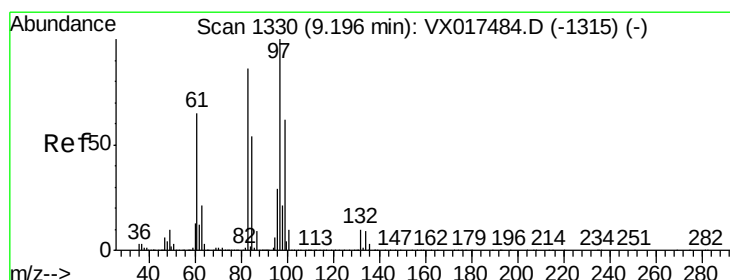
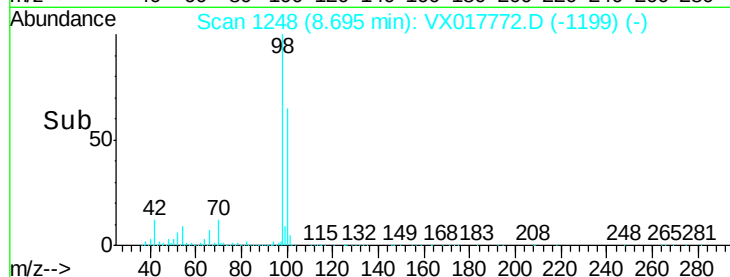
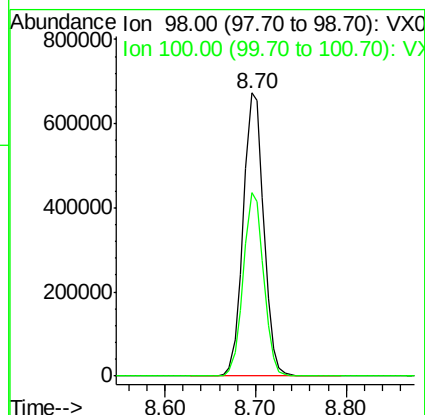
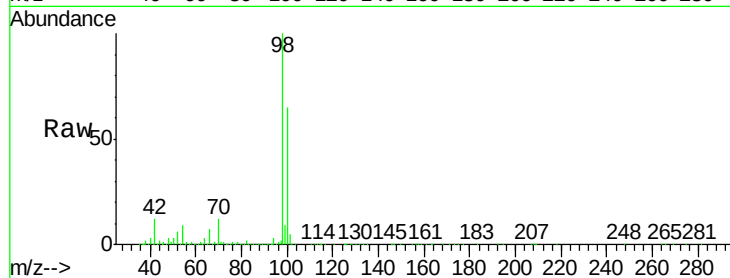
BP-VPB179-GW-418-420

Tgt Ion: 98 Resp: 1054628

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#55

1,1,2-Trichloroethane

Concen: 0.273 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Tgt Ion: 97 Resp: 1764

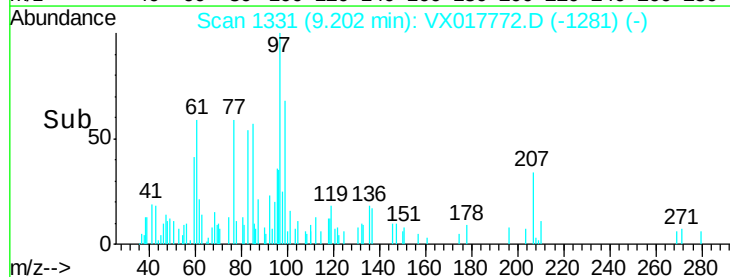
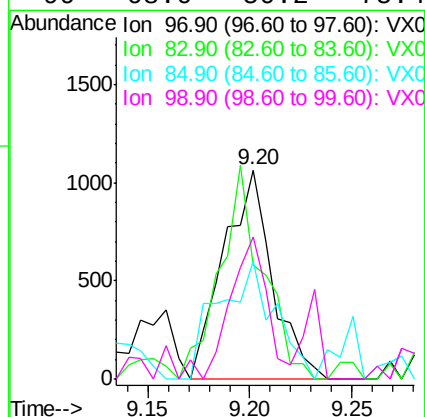
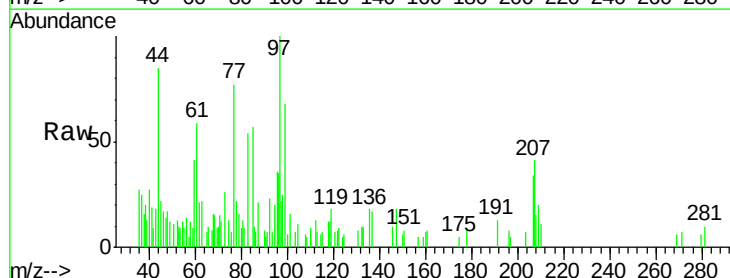
Ion Ratio Lower Upper

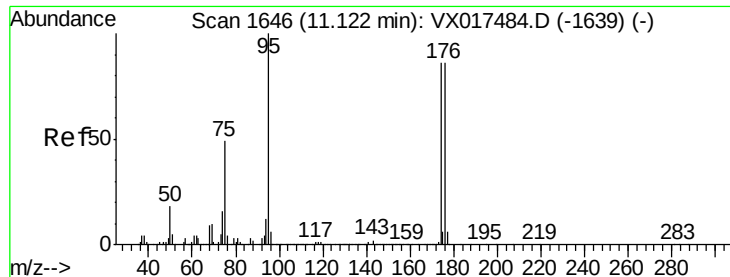
97 100

83 46.7 67.6 101.4#

85 56.5 44.6 67.0

99 68.0 50.2 75.4





#62

4-Bromofluorobenzene

Concen: 47.090 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420

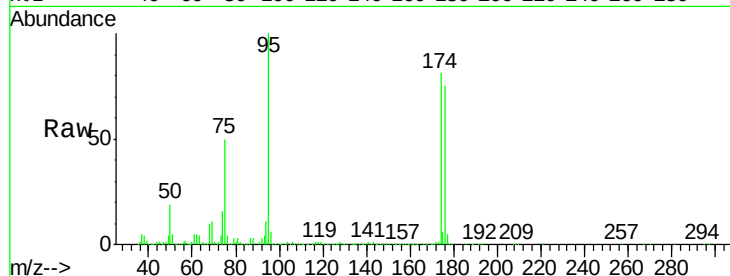
Tgt Ion: 95 Resp: 399518

Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.0

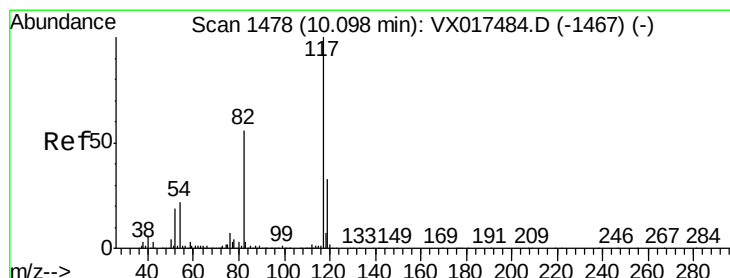
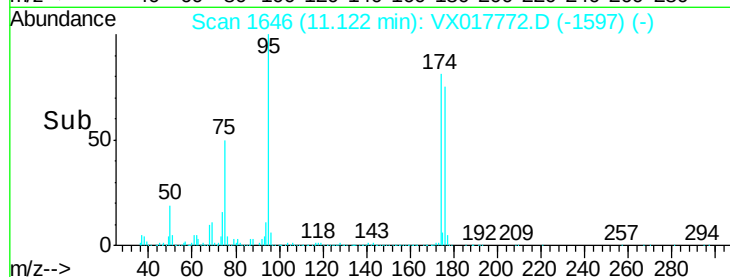
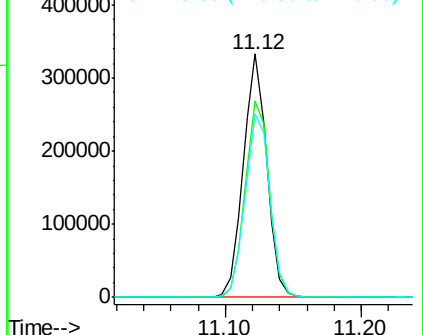
176 79.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

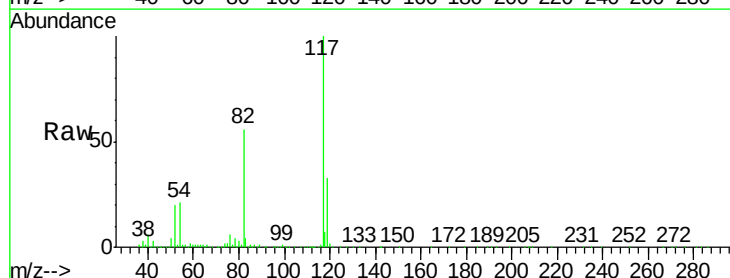
Tgt Ion: 117 Resp: 824992

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

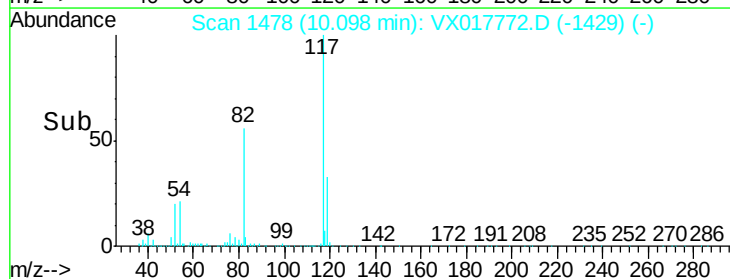
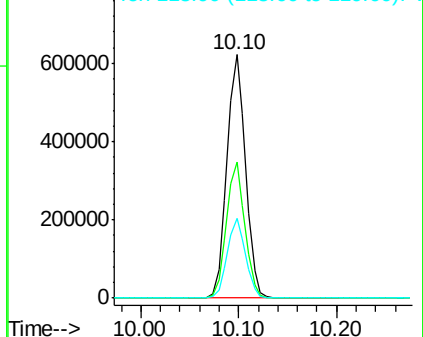
119 32.9 25.4 38.0

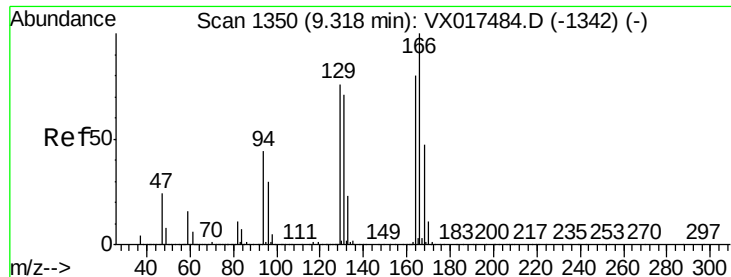


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#64

Tetrachloroethene

Concen: 24.978 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420

Tgt Ion:164 Resp: 184952

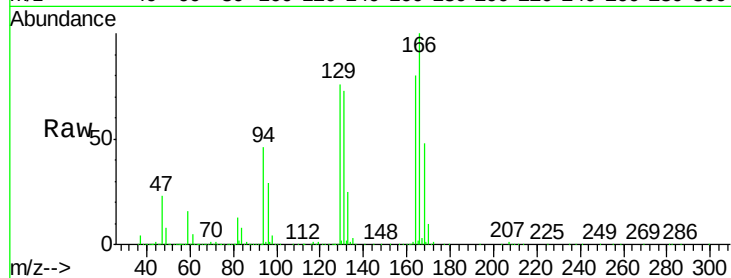
Ion Ratio Lower Upper

164 100

166 125.5 100.6 150.8

129 95.2 75.0 112.6

131 91.7 75.2 112.8

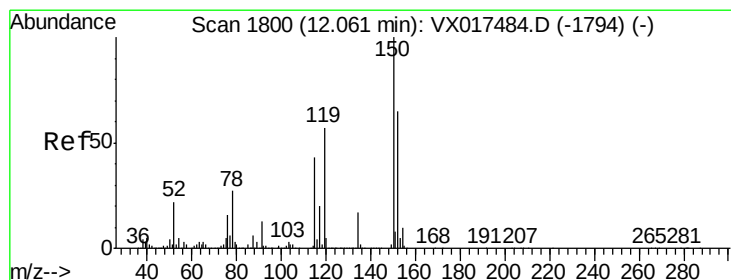
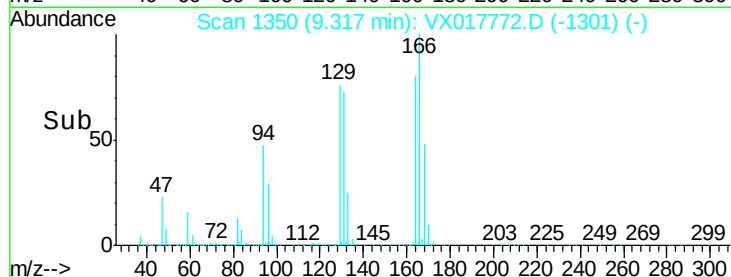
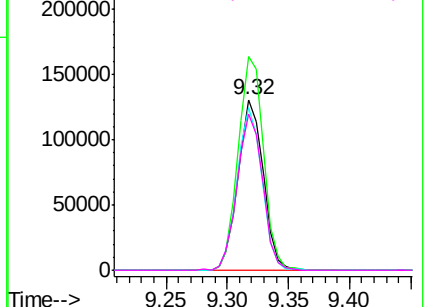


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX017772.D

Acq: 04 Aug 2020 15:48

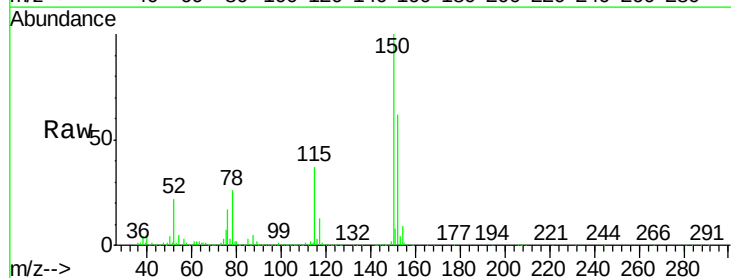
Tgt Ion:152 Resp: 411340

Ion Ratio Lower Upper

152 100

115 57.6 65.5 196.6#

150 157.3 0.0 412.6



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

