

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017770.D
 Acq On : 04 Aug 2020 15:02
 Operator : JC/SP
 Sample : L3556-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-378-380

Quant Time: Aug 05 02:56:21 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	5.63	168	583682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	862976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	840554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	408173	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	377818	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	5.47	113	285108	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.70	98	1021035	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.12	95	397237	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	

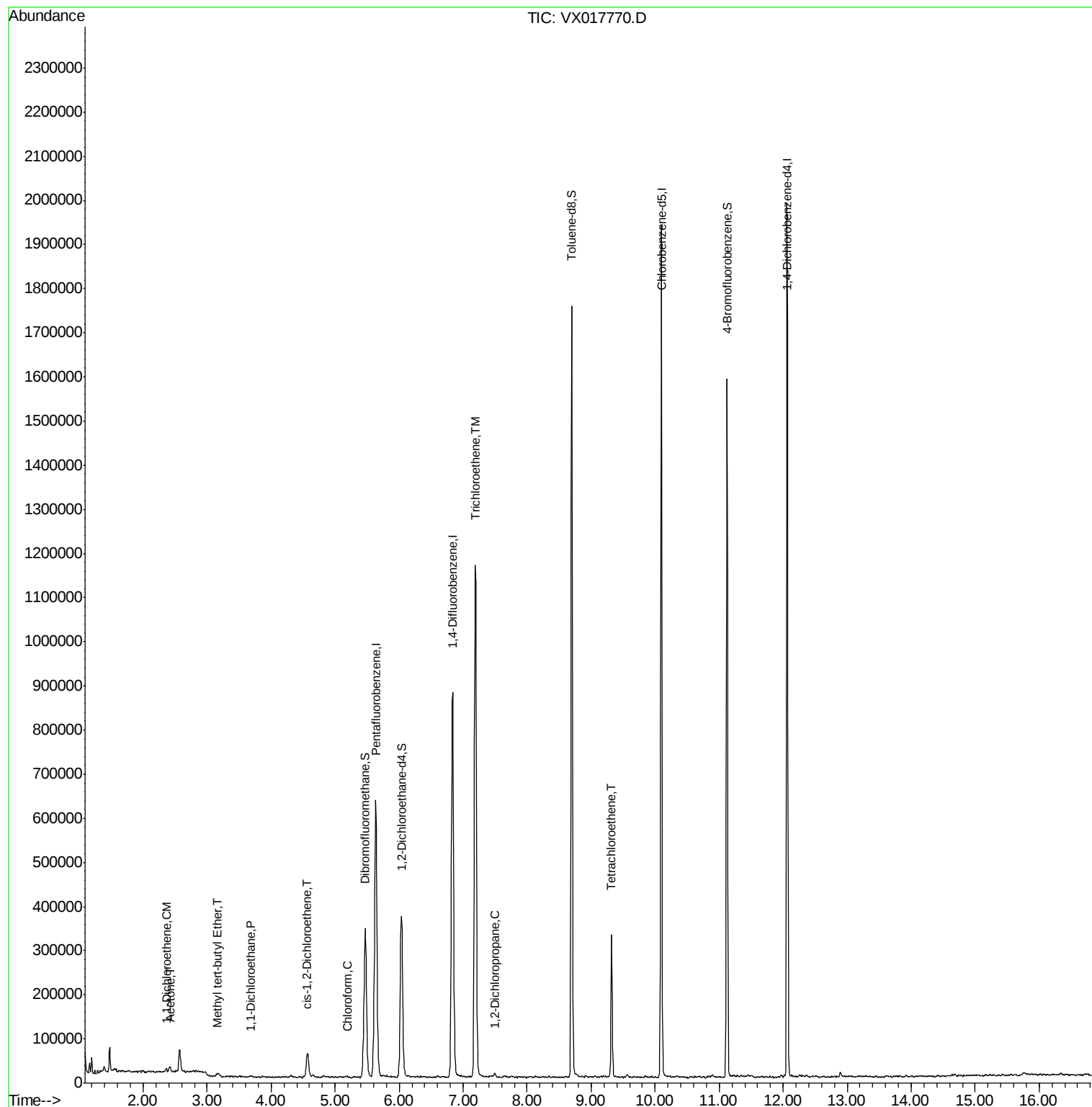
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	3330	0.552	ug/l #	56
16) Acetone	2.42	43	14232	4.313	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	9359	0.449	ug/l #	87
24) 1,1-Dichloroethane	3.68	63	3865	0.333	ug/l #	86
27) cis-1,2-Dichloroethene	4.56	96	35078	5.000	ug/l	86
30) Chloroform	5.20	83	2386	0.201	ug/l	95
44) Trichloroethene	7.19	130	465294	67.097	ug/l	100
45) 1,2-Dichloropropane	7.50	63	3208	0.488	ug/l #	88
64) Tetrachloroethene	9.32	164	61330	8.129	ug/l	98

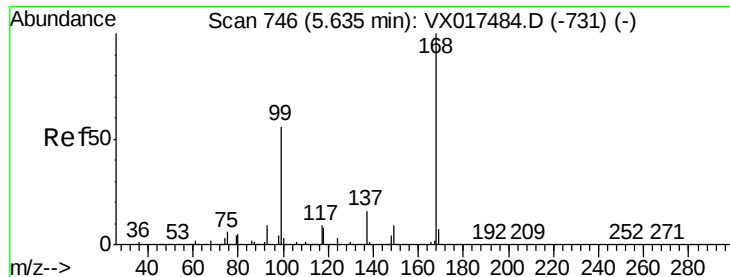
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

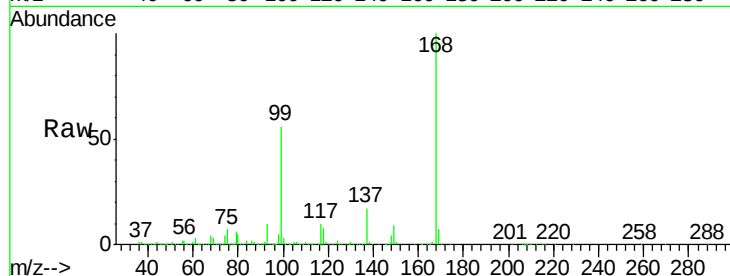
BP-VPB179-GW-378-380

Tgt Ion:168 Resp: 583682

Ion Ratio Lower Upper

168 100

99 56.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

100000

50000

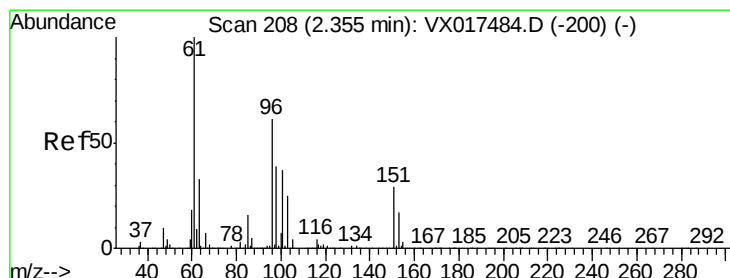
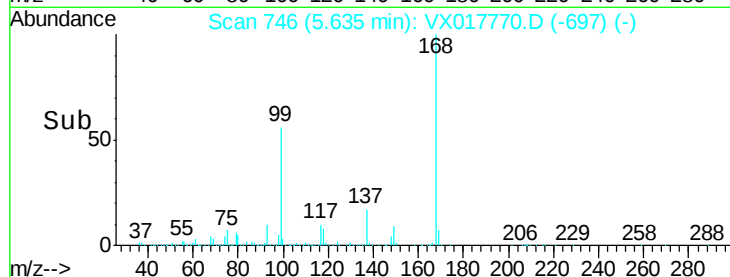
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Time-->

5.50

5.60

5.70



#12

1,1-Dichloroethene

Concen: 0.552 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

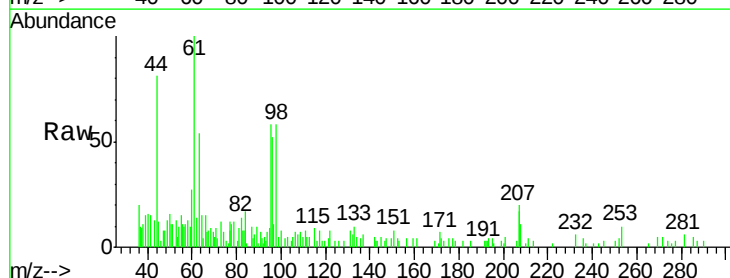
Tgt Ion: 96 Resp: 3330

Ion Ratio Lower Upper

96 100

61 92.1 134.0 201.0#

98 51.8 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

2.36

3000

2000

1000

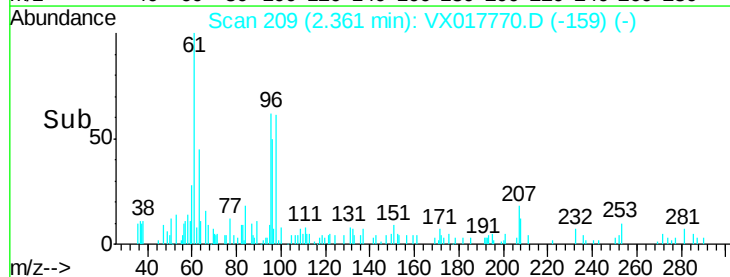
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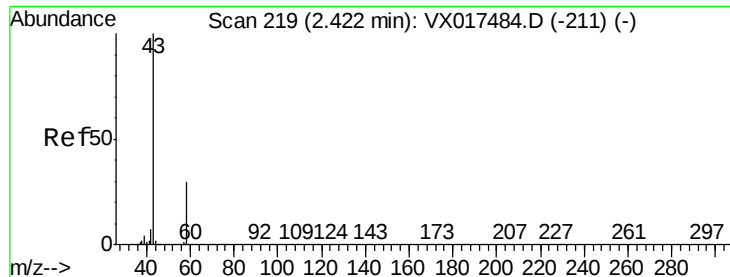
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2.30

2.35

2.40

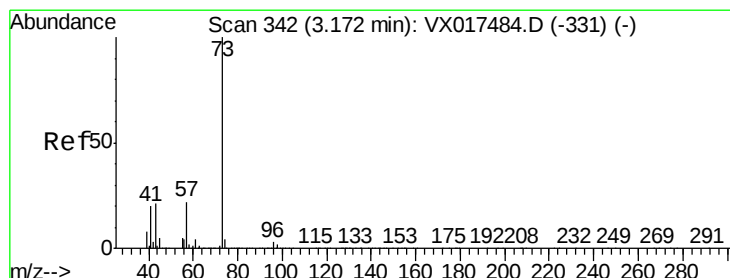
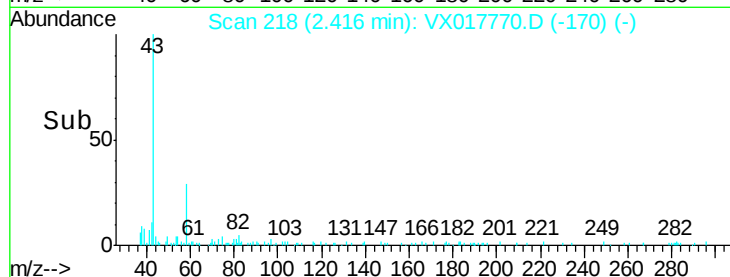
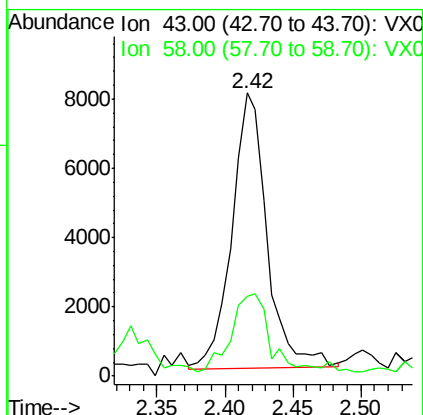
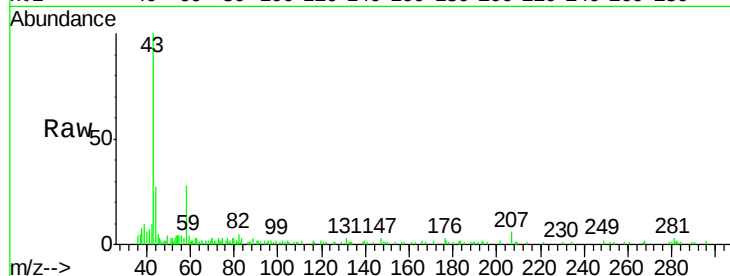




#16
Acetone
Concen: 4.313 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

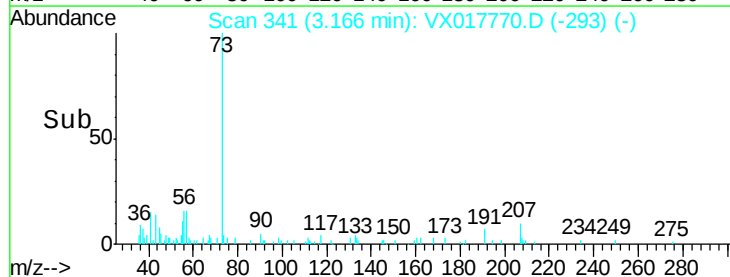
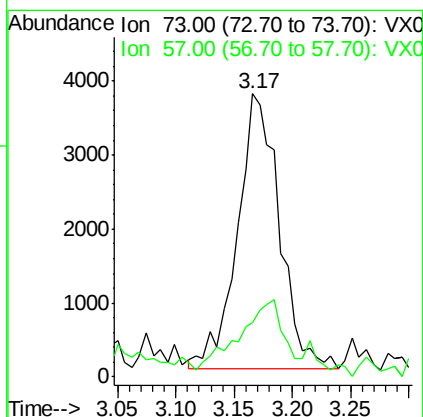
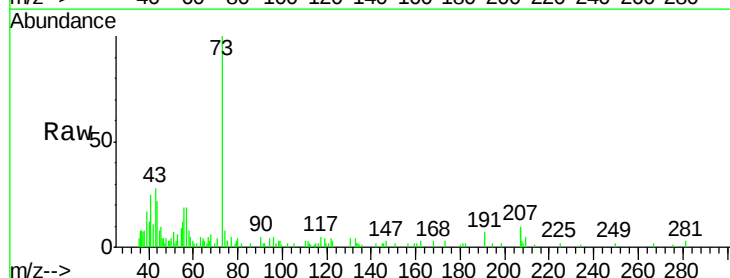
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-378-380

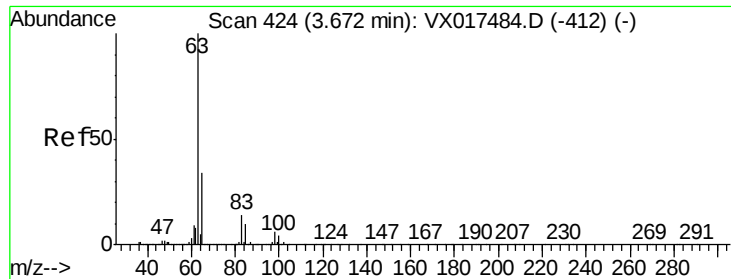
Tgt Ion: 43 Resp: 14232
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.4



#19
Methyl tert-butyl Ether
Concen: 0.449 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

Tgt Ion: 73 Resp: 9359
Ion Ratio Lower Upper
73 100
57 15.3 17.0 25.4#





#24

1,1-Dichloroethane

Concen: 0.333 ug/l

RT: 3.68 min Scan# 426

Delta R.T. 0.01 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

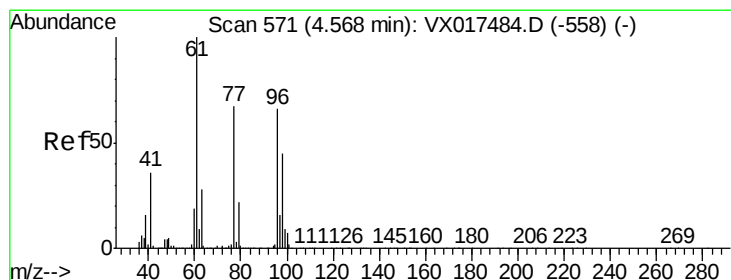
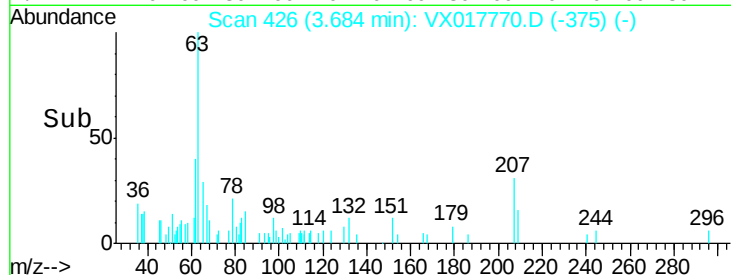
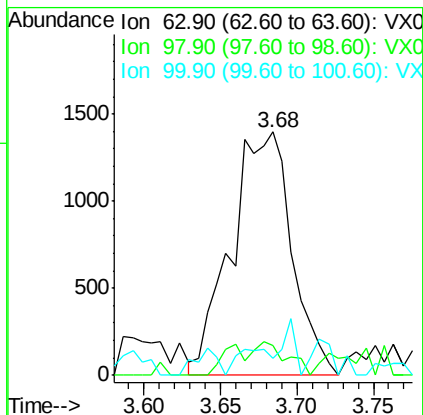
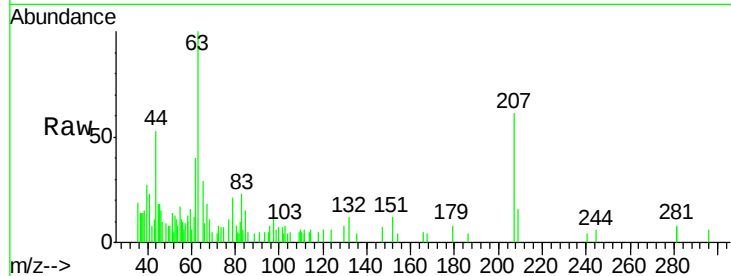
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-378-380

Tgt Ion:	63	Resp:	3865
Ion	Ratio	Lower	Upper
63	100		
98	12.3	3.4	10.1#
100	6.9	1.9	5.7#



#27

cis-1,2-Dichloroethene

Concen: 5.000 ug/l

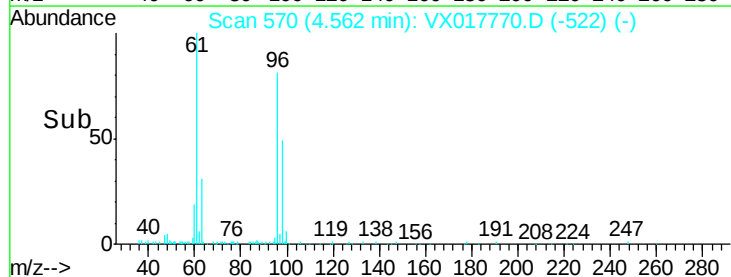
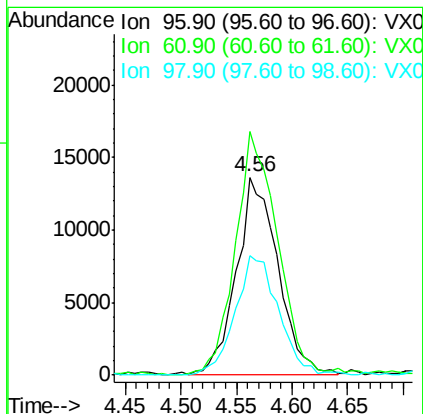
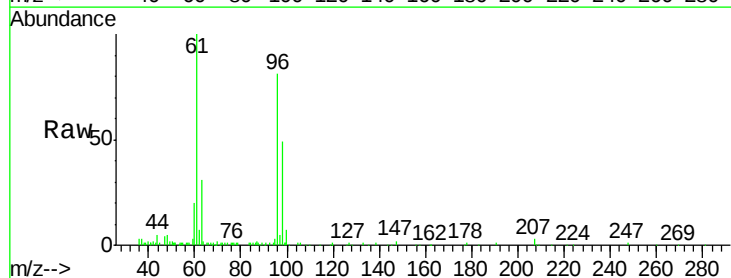
RT: 4.56 min Scan# 570

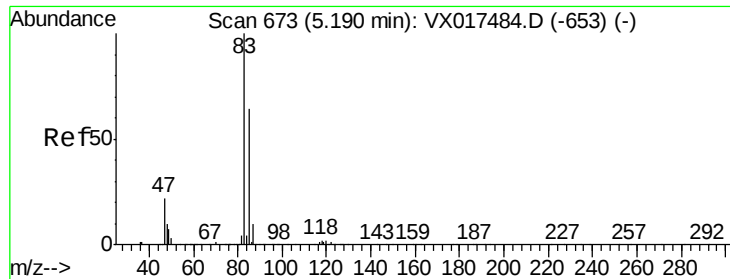
Delta R.T. -0.01 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

Tgt Ion:	96	Resp:	35078
Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	301.2
98	63.2	0.0	130.0

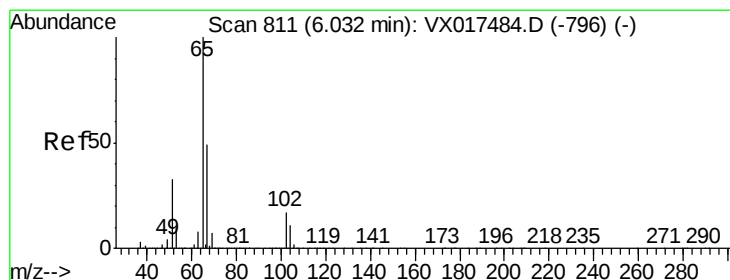
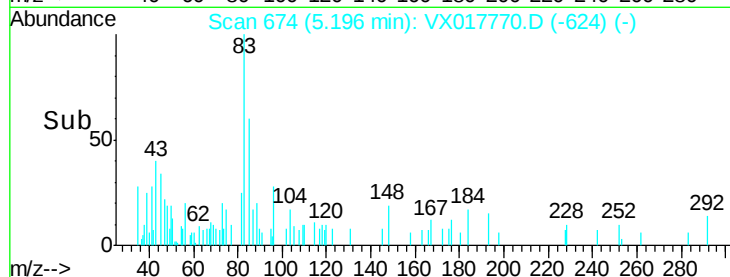
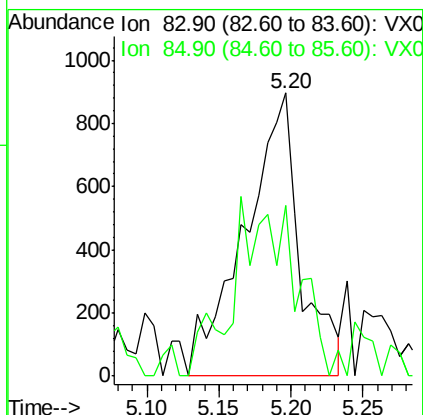
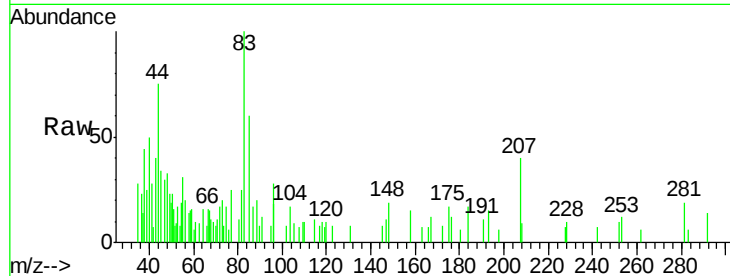




#30
Chloroform
Concen: 0.201 ug/l
RT: 5.20 min Scan# 674
Delta R.T. 0.01 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

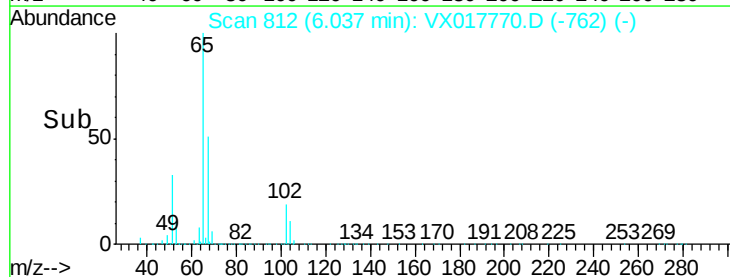
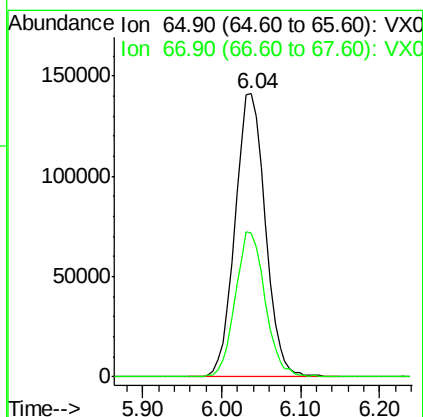
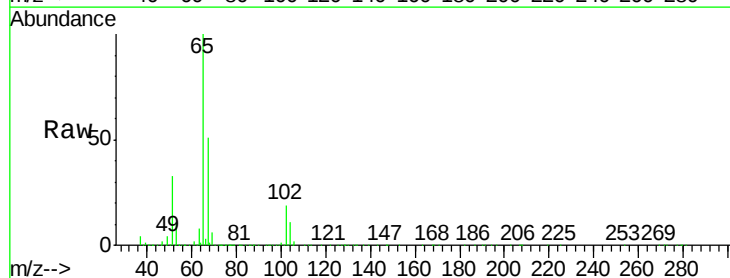
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-378-380

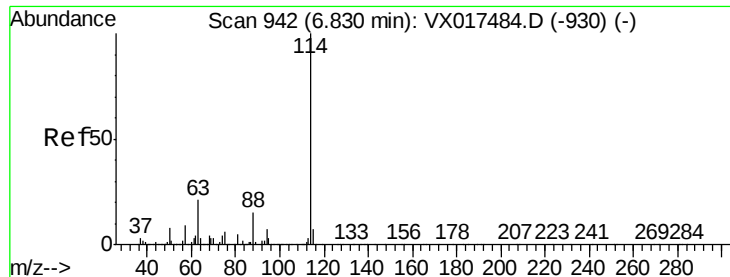
Tgt Ion: 83 Resp: 2386
Ion Ratio Lower Upper
83 100
85 60.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.392 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

Tgt Ion: 65 Resp: 377818
Ion Ratio Lower Upper
65 100
67 50.5 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: VX017770.D

Acq: 04 Aug 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-378-380

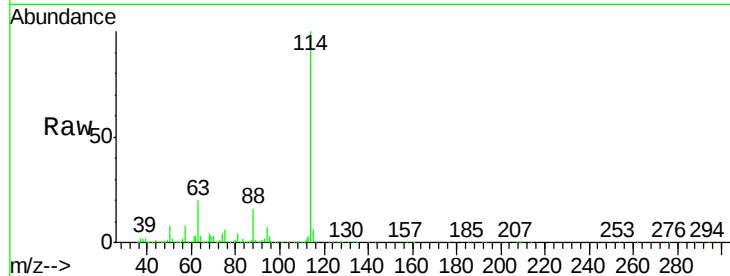
Tgt Ion:114 Resp: 862976

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 16.0 0.0 33.4



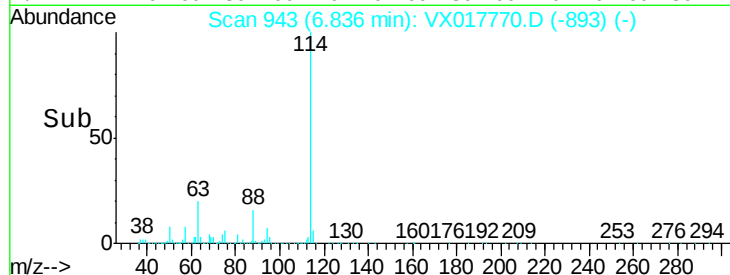
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

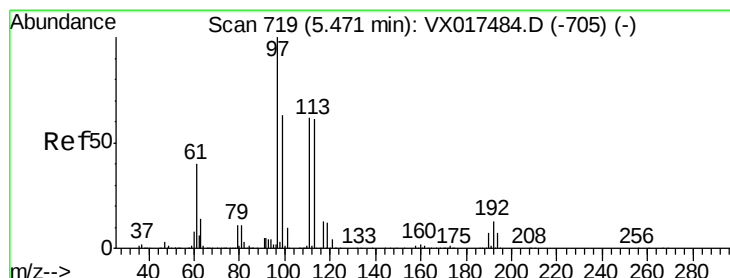
Ion 87.90 (87.60 to 88.60): VX0

6.84

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

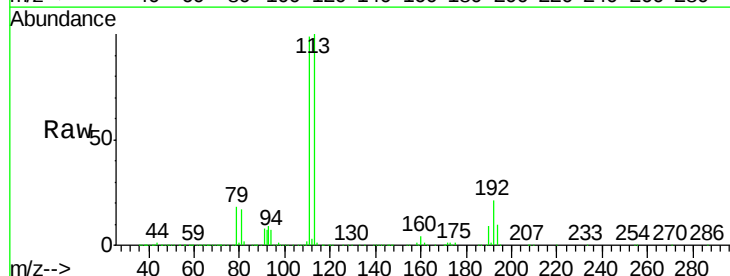
Tgt Ion:113 Resp: 285108

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

192 21.2 16.9 25.3



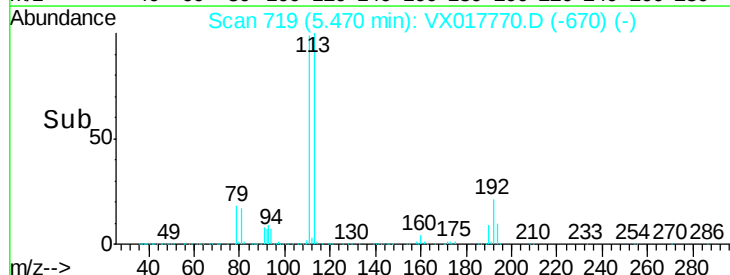
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

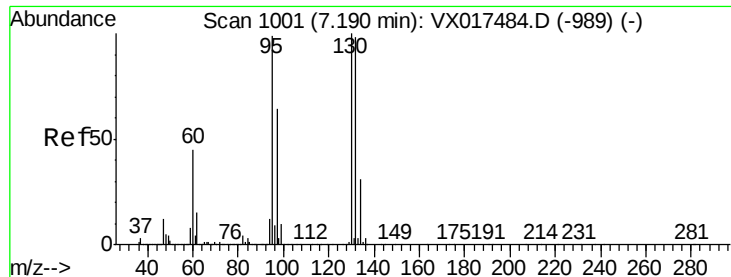
Ion 191.70 (191.40 to 192.40): V

5.47

Time-->



Time-->



#44

Trichloroethene

Concen: 67.097 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

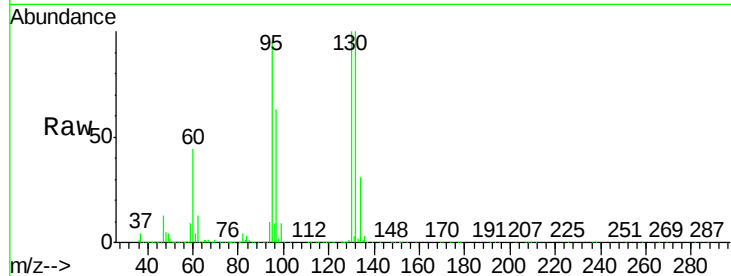
BP-VPB179-GW-378-380

Tgt Ion:130 Resp: 465294

Ion Ratio Lower Upper

130 100

95 94.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

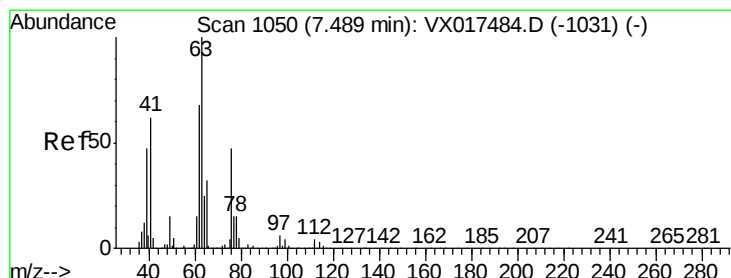
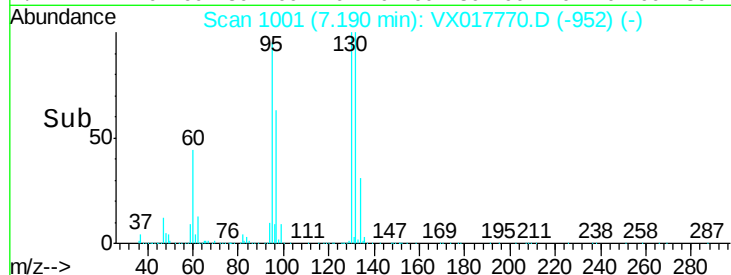
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.488 ug/l

RT: 7.50 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VX017770.D

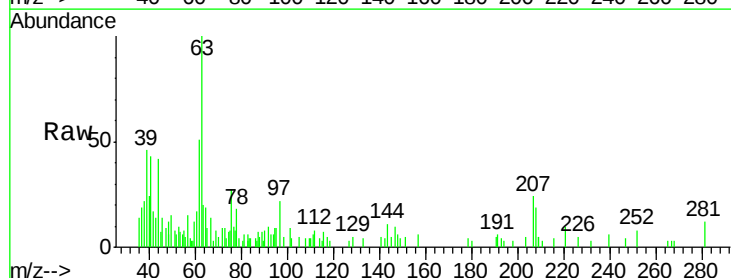
Acq: 04 Aug 2020 15:02

Tgt Ion: 63 Resp: 3208

Ion Ratio Lower Upper

63 100

65 24.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

2000

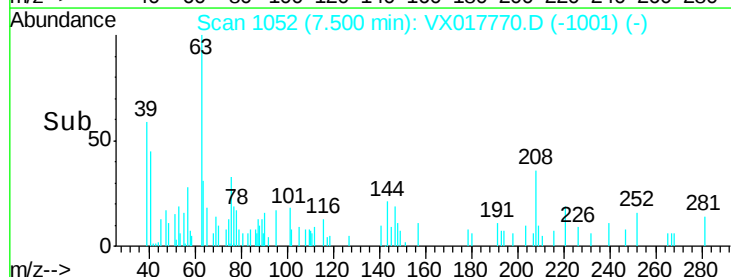
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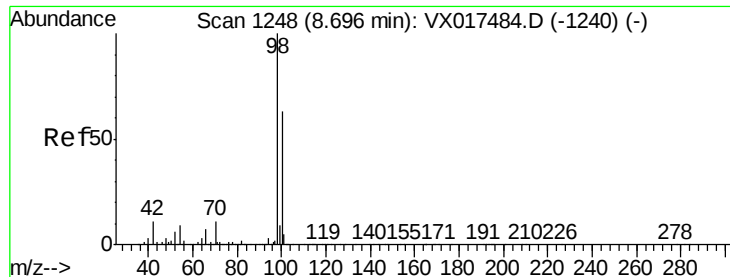
1000

500

0

Time-->





#50

Toluene-d8

Concen: 49.039 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

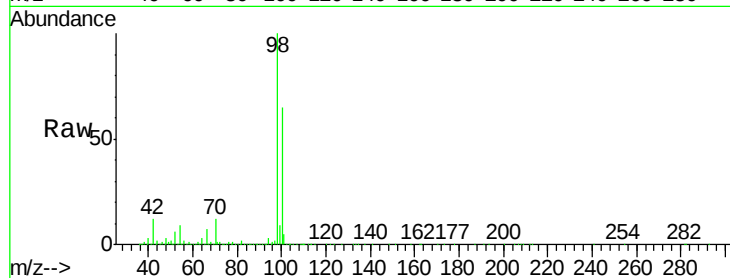
BP-VPB179-GW-378-380

Tgt Ion: 98 Resp: 1021035

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

600000

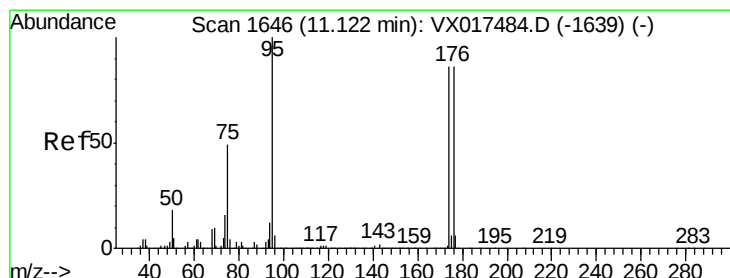
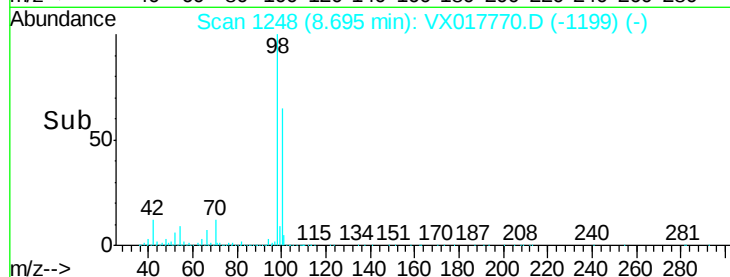
400000

200000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.673 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017770.D

Acq: 04 Aug 2020 15:02

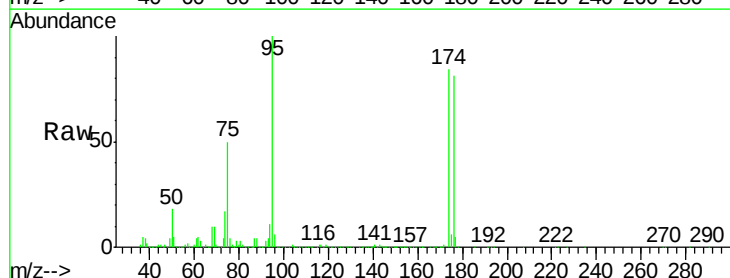
Tgt Ion: 95 Resp: 397237

Ion Ratio Lower Upper

95 100

174 82.5 0.0 169.0

176 79.4 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

400000

300000

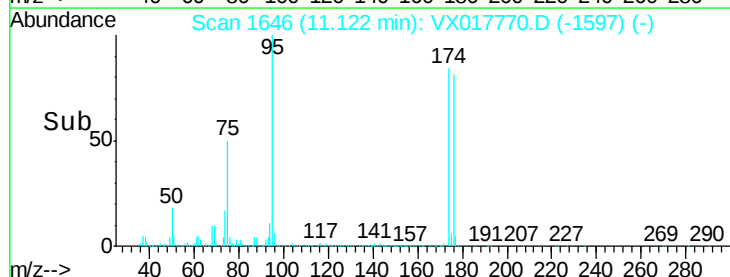
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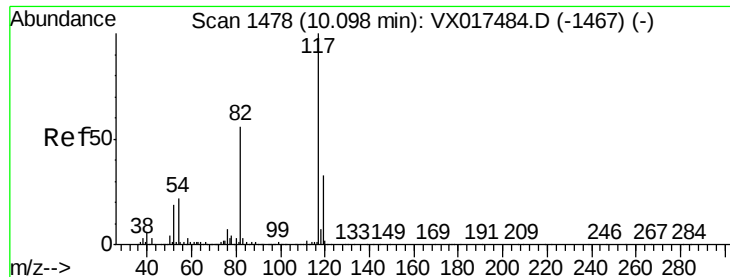
100000

0

Time-->

11.10 11.12 11.20

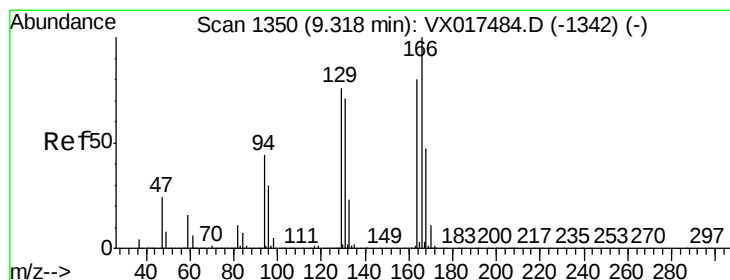
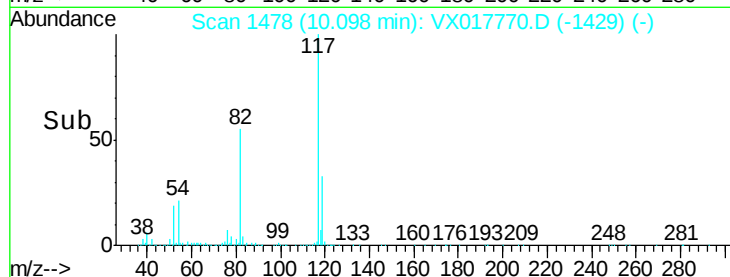
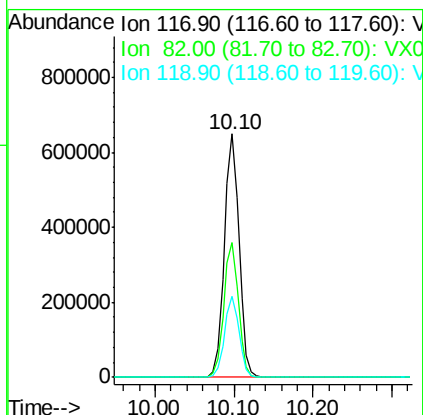
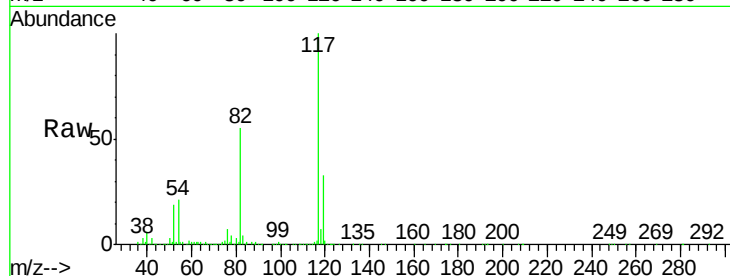




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

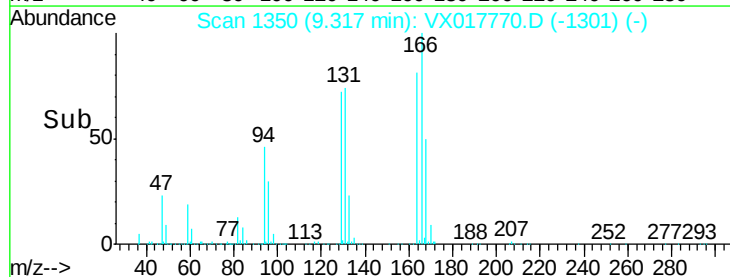
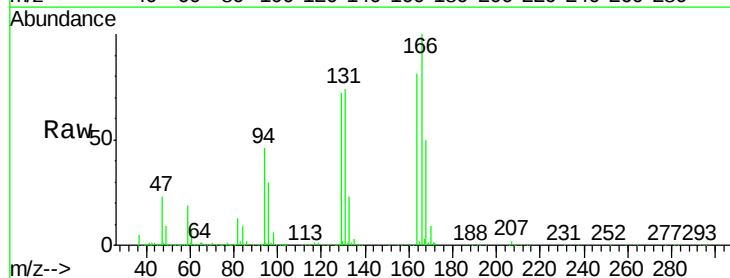
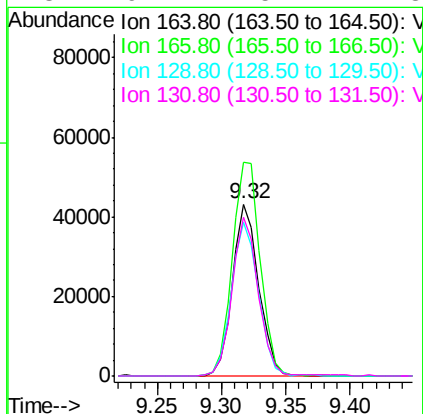
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-378-380

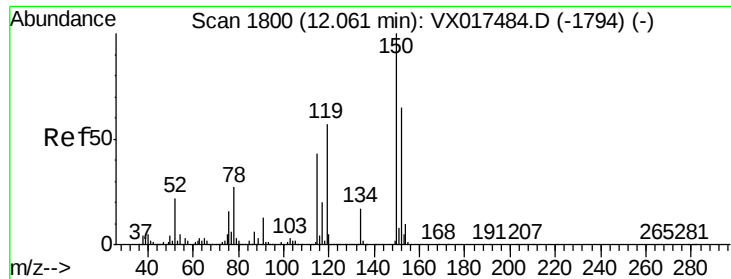
Tgt Ion:117 Resp: 840554
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 8.129 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017770.D
Acq: 04 Aug 2020 15:02

Tgt Ion:164 Resp: 61330
Ion Ratio Lower Upper
164 100
166 124.1 100.6 150.8
129 89.5 75.0 112.6
131 92.4 75.2 112.8

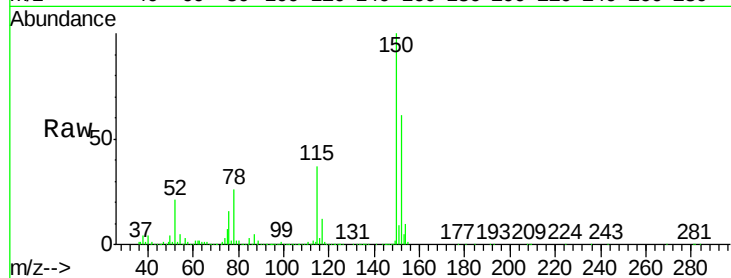




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX017770.D
 Acq: 04 Aug 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-378-380

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	65.5	196.6#
150	158.1	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

