

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017494.D
 Acq On : 23 Jul 2020 15:59
 Operator : JC/SP
 Sample : L3416-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D1-GW-20200720

Quant Time: Jul 24 06:26:32 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	567778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	943082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	876222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459039	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	380234	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	5.47	113	308905	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	8.70	98	1100806	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.12	95	443386	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

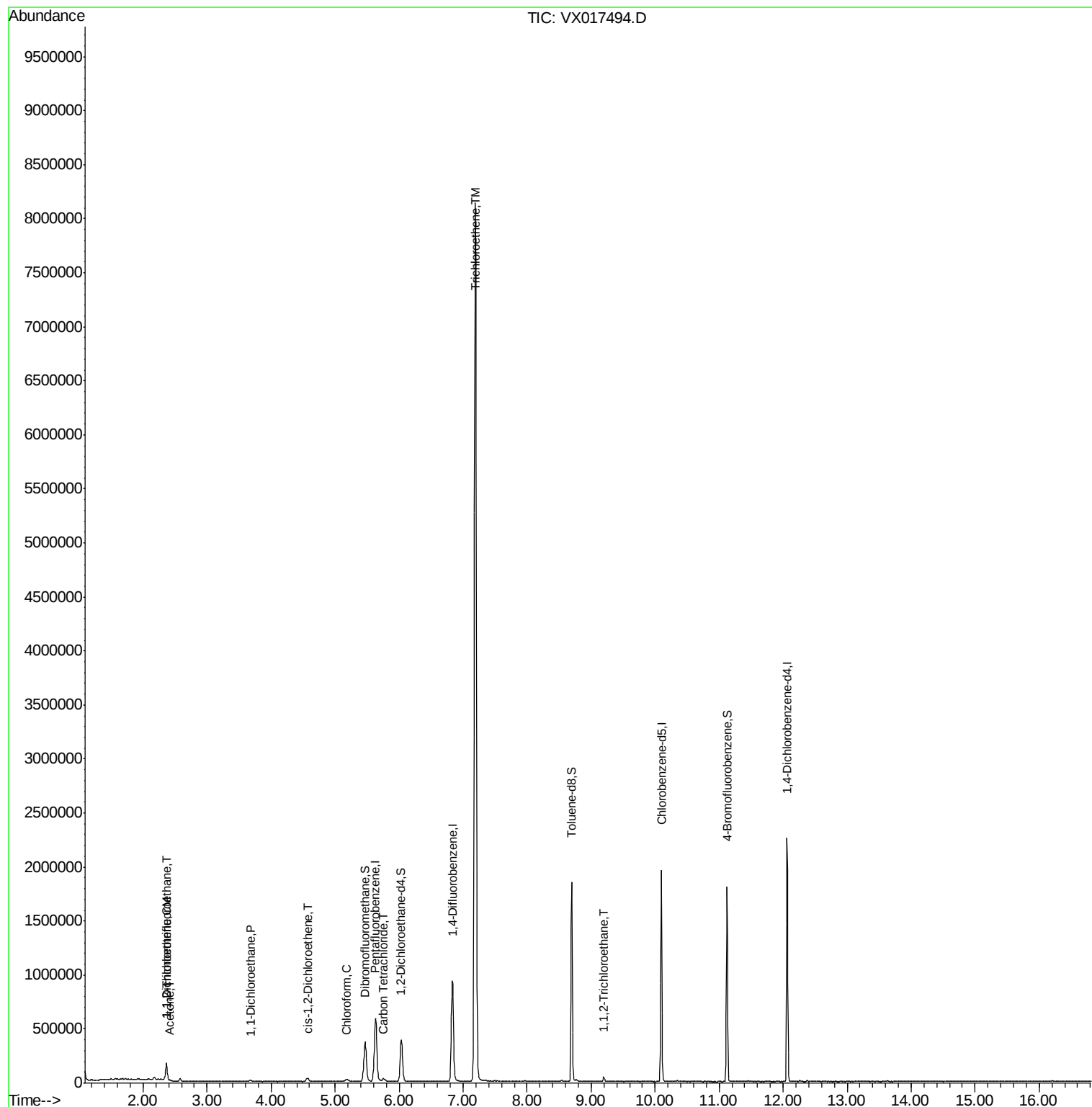
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38163	6.188	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23695	4.040	ug/l	90
16) Acetone	2.42	43	9112	2.839	ug/l	90
24) 1,1-Dichloroethane	3.68	63	11655	1.033	ug/l #	92
27) cis-1,2-Dichloroethene	4.57	96	18365	2.691	ug/l	93
30) Chloroform	5.19	83	23617	2.049	ug/l	97
38) Carbon Tetrachloride	5.76	117	19225	1.750	ug/l	94
44) Trichloroethene	7.19	130	3160315	417.021	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	11712	1.691	ug/l	91

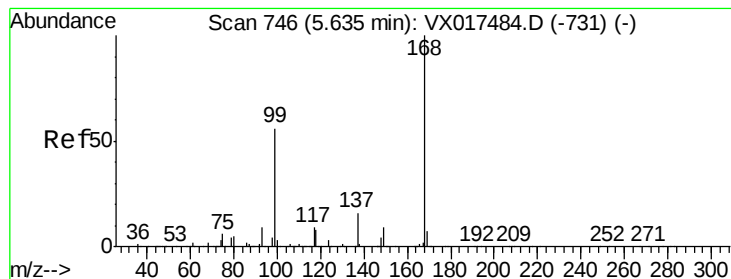
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
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BP-TT-MW180D1-GW-20200720

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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# 745

Delta R.T. -0.01 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

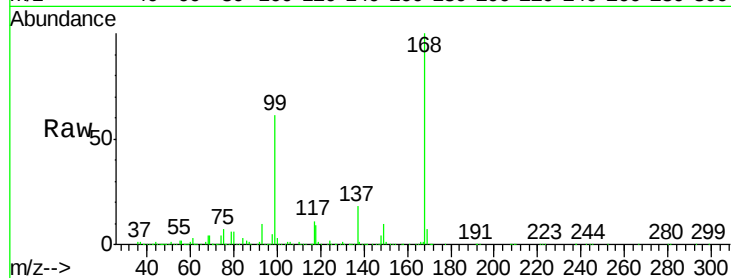
BP-TT-MW180D1-GW-20200720

Tot Ion:168 Resp: 567778

Ion Ratio Lower Upper

168 100

99 60.4 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

200000

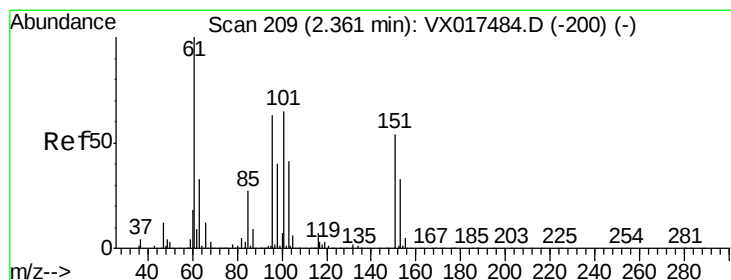
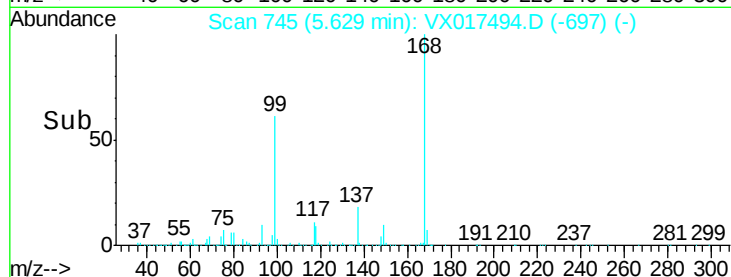
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.188 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

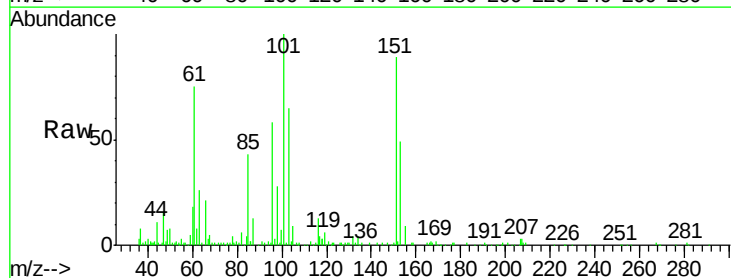
Tgt Ion:101 Resp: 38163

Ion Ratio Lower Upper

101 100

85 45.8 34.8 52.2

151 83.3 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

25000

20000

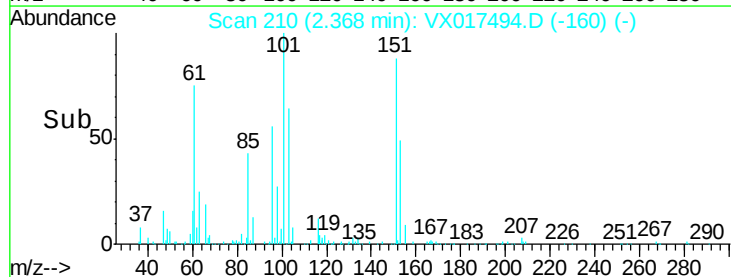
15000

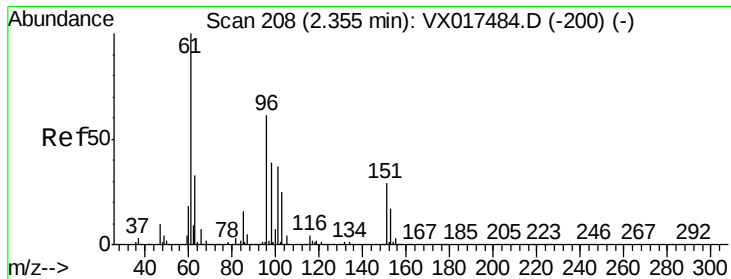
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 4.040 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720

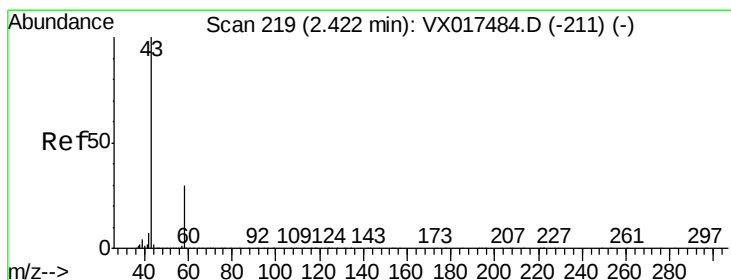
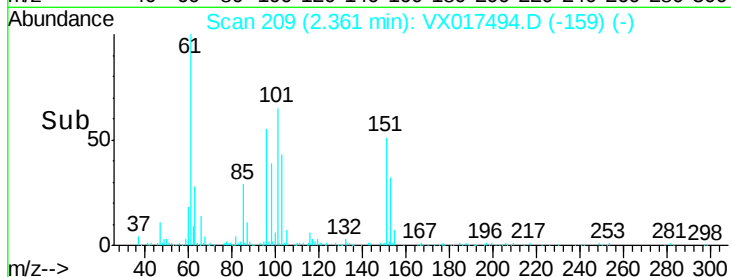
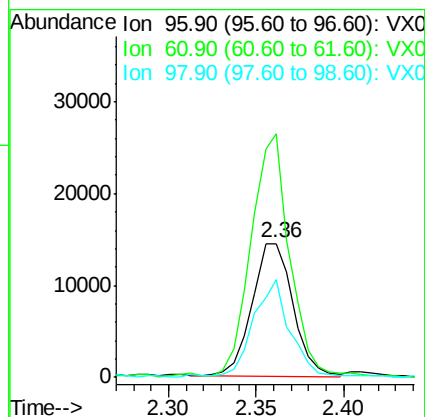
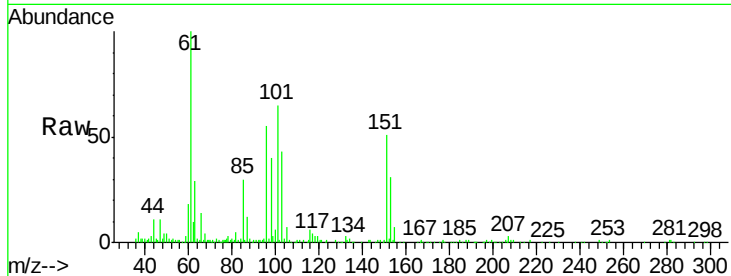
Tot Ion: 96 Resp: 23695

Ion Ratio Lower Upper

96 100

61 181.0 134.0 201.0

98 73.1 51.0 76.4



#16

Acetone

Concen: 2.839 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017494.D

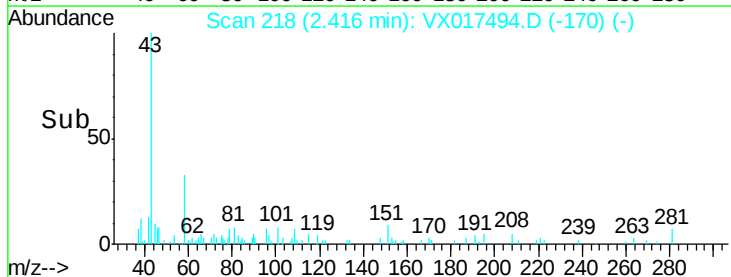
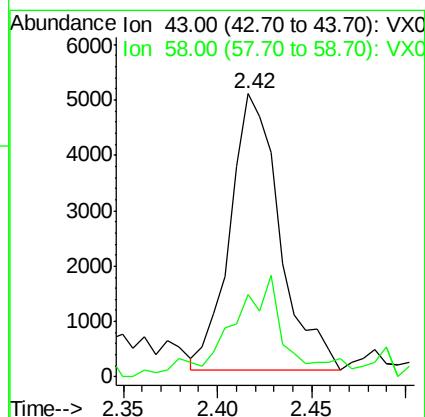
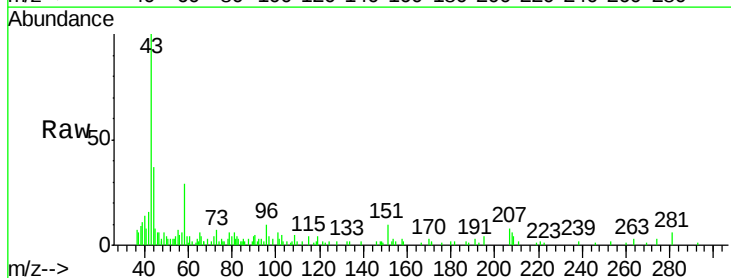
Acq: 23 Jul 2020 15:59

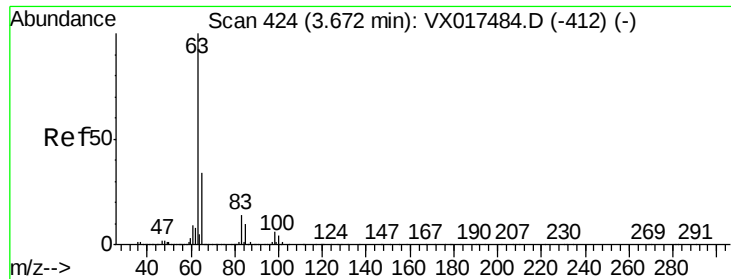
Tgt Ion: 43 Resp: 9112

Ion Ratio Lower Upper

43 100

58 24.6 24.2 36.4





#24

1,1-Dichloroethane

Concen: 1.033 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

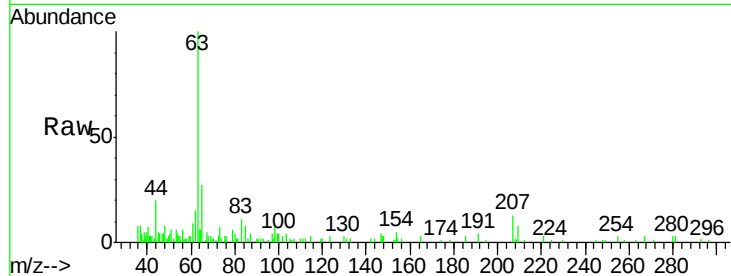
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720

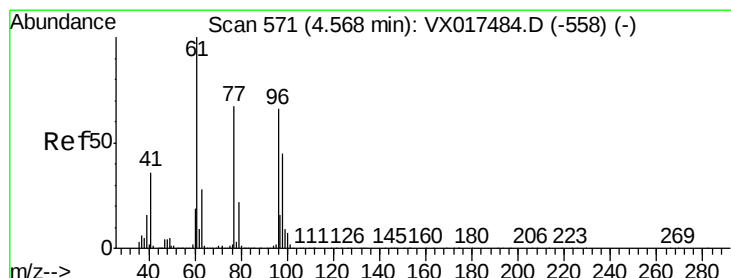
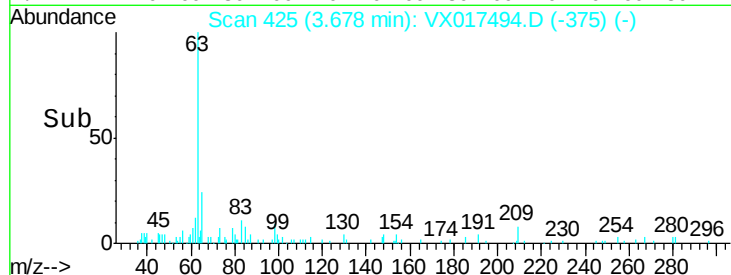
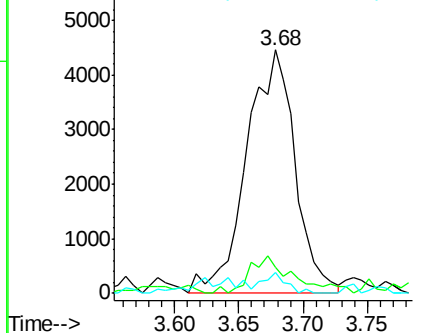
Tot Ion:	63	Resp:	11655
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.4	10.1
100	8.5	1.9	5.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.691 ug/l

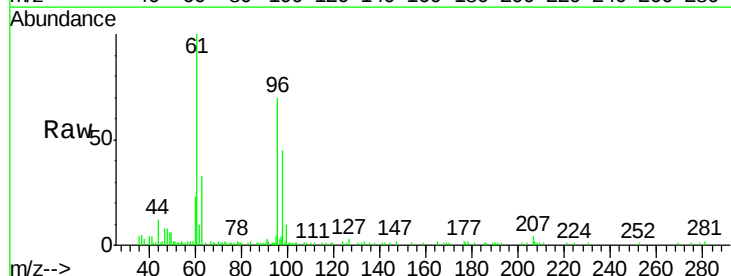
RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

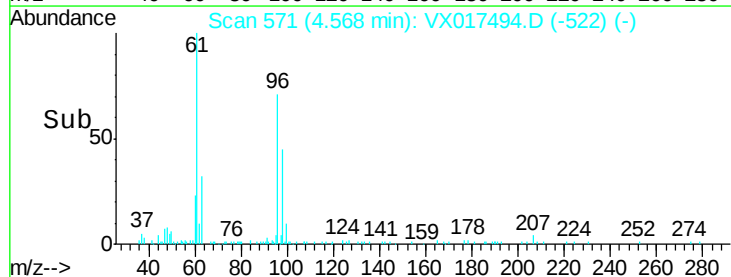
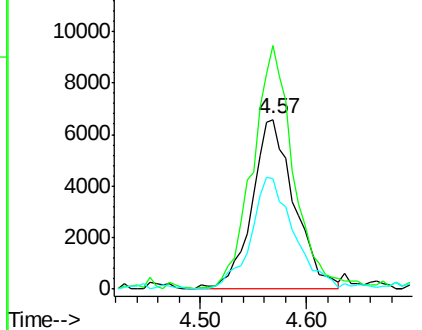
Tgt Ion:	96	Resp:	18365
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	301.2
98	67.9	0.0	130.0

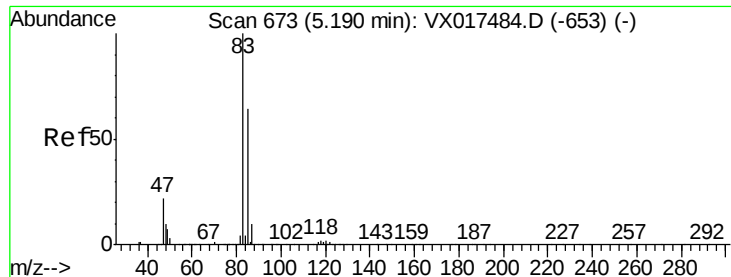


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

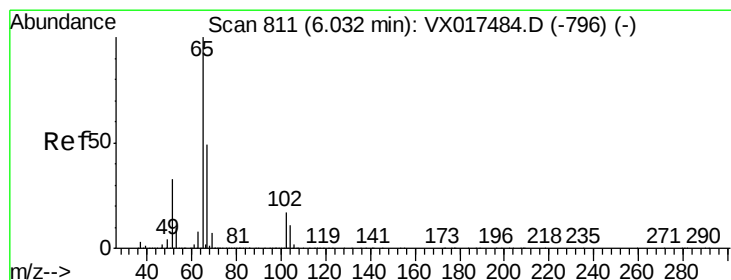
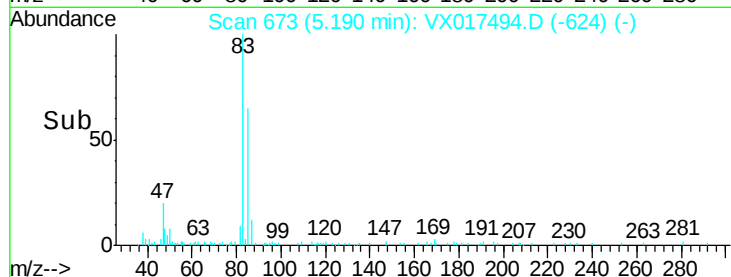
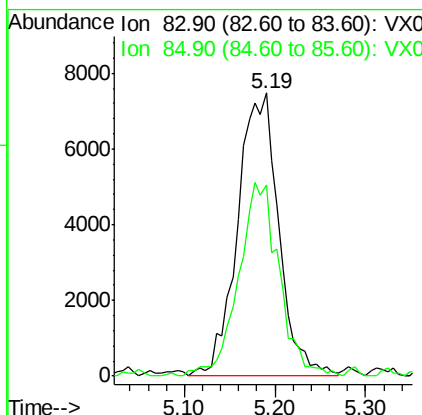
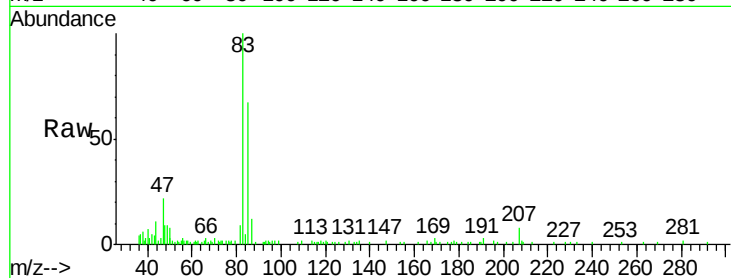




#30
Chloroform
Concen: 2.049 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX017494.D
Acq: 23 Jul 2020 15:59

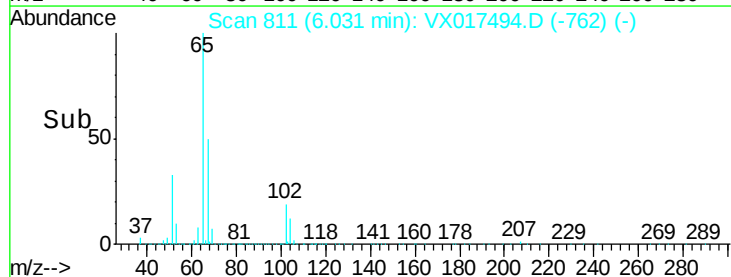
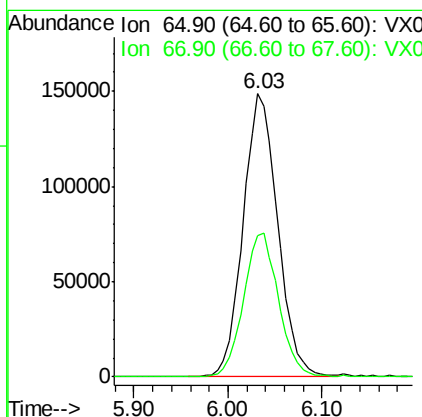
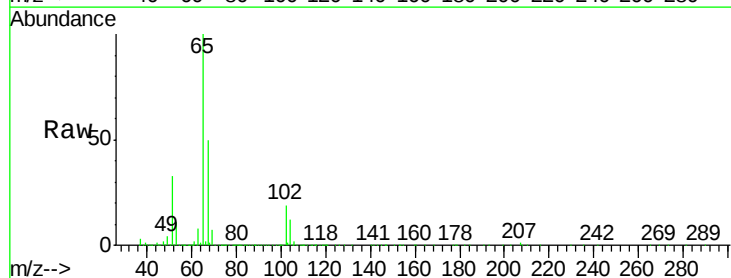
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW180D1-GW-20200720

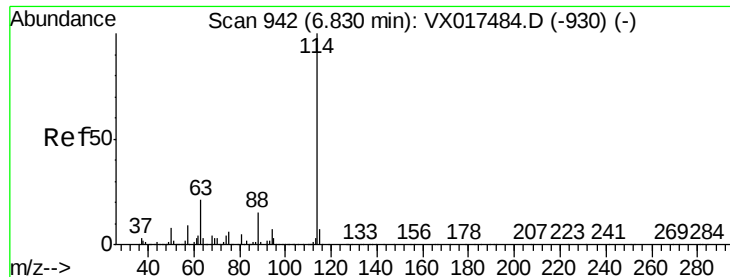
Tot Ion: 83 Resp: 23617
Ion Ratio Lower Upper
83 100
85 66.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 52.134 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017494.D
Acq: 23 Jul 2020 15:59

Tgt Ion: 65 Resp: 380234
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720

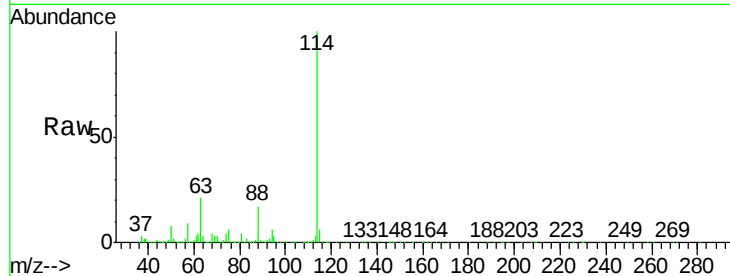
Tot Ion:114 Resp: 943082

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

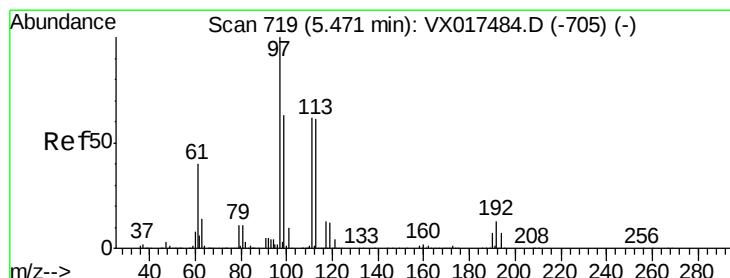
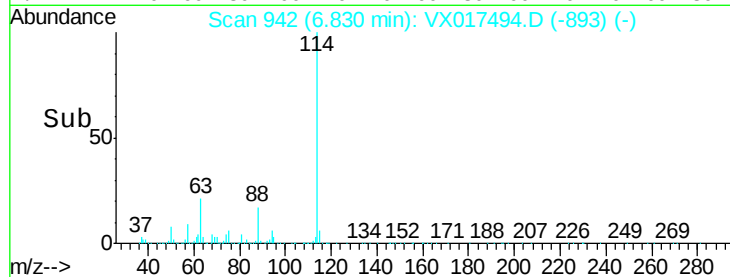
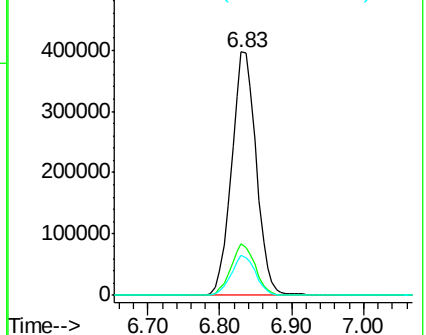
88 16.5 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 48.975 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

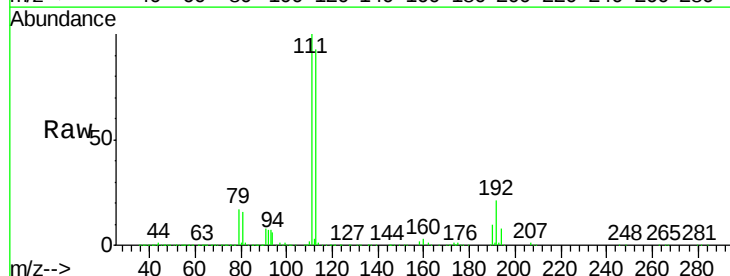
Tgt Ion:113 Resp: 308905

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

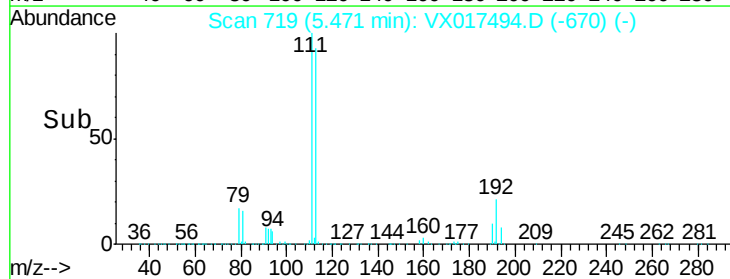
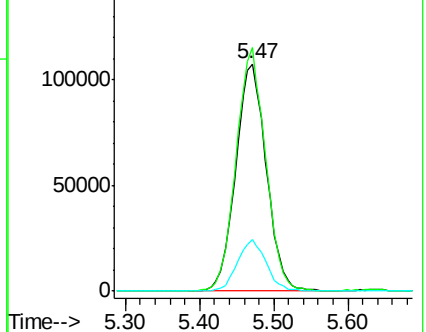
192 21.5 16.9 25.3

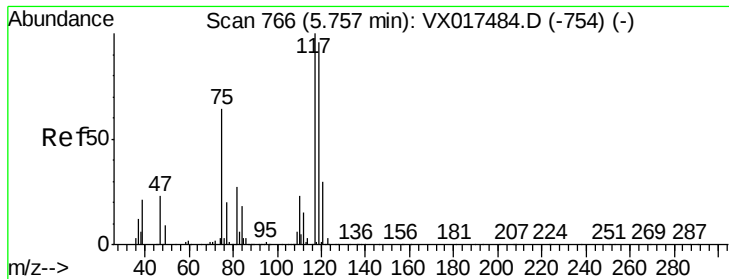


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 1.750 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720

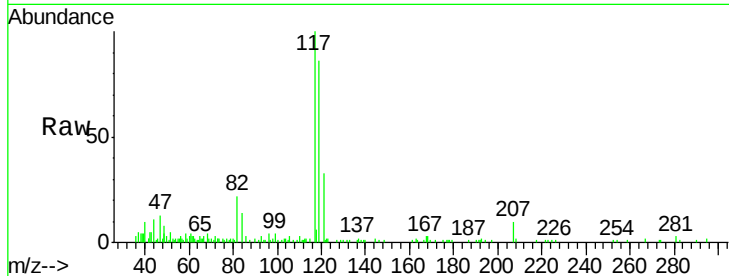
Tot Ion:117 Resp: 19225

Ion Ratio Lower Upper

117 100

119 87.8 75.4 113.0

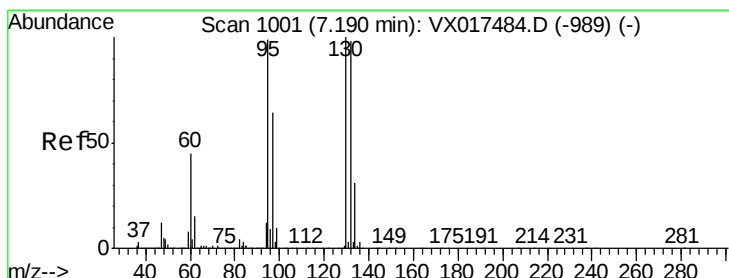
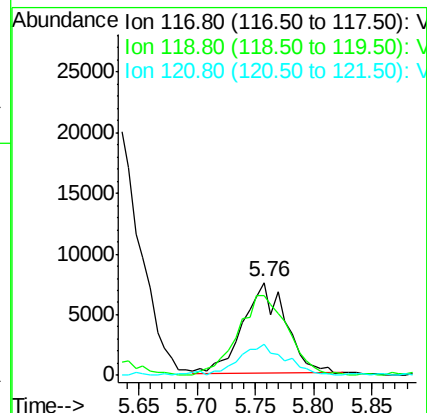
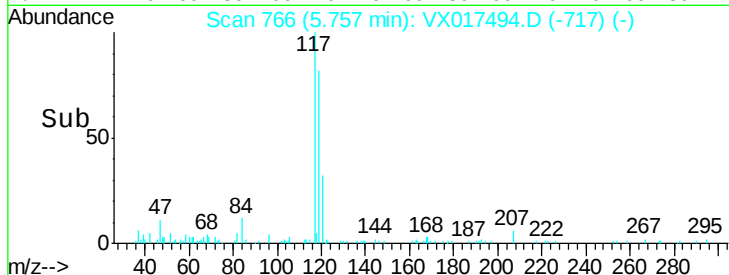
121 32.2 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 417.021 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017494.D

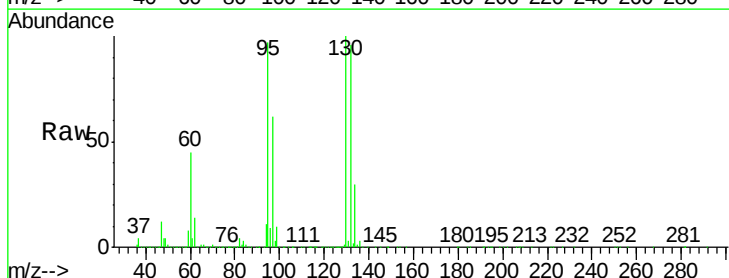
Acq: 23 Jul 2020 15:59

Tgt Ion:130 Resp: 3160315

Ion Ratio Lower Upper

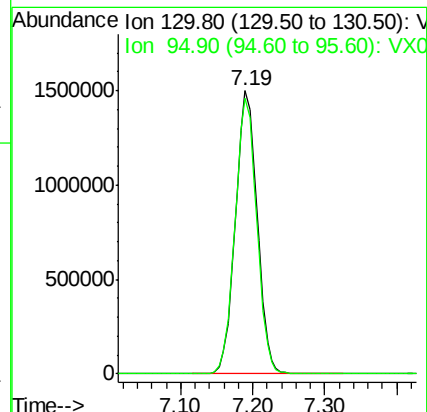
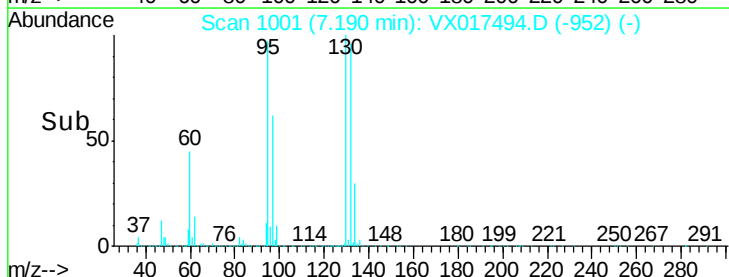
130 100

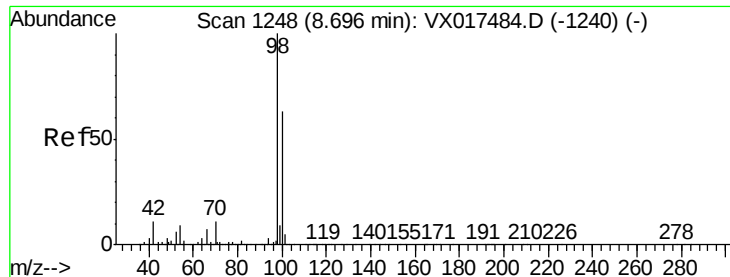
95 97.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.379 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

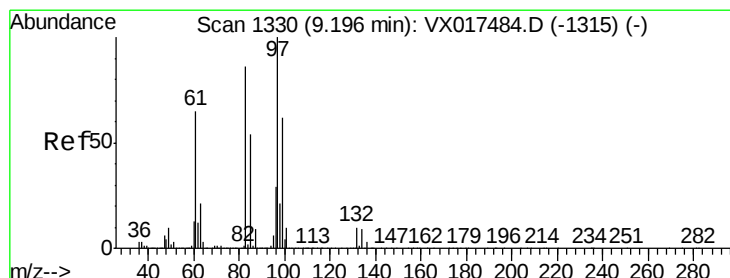
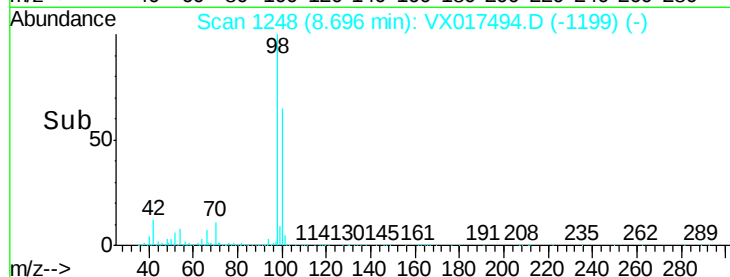
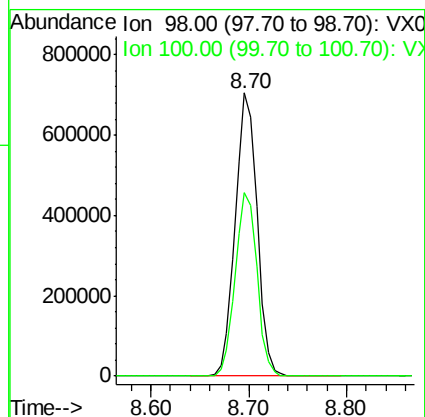
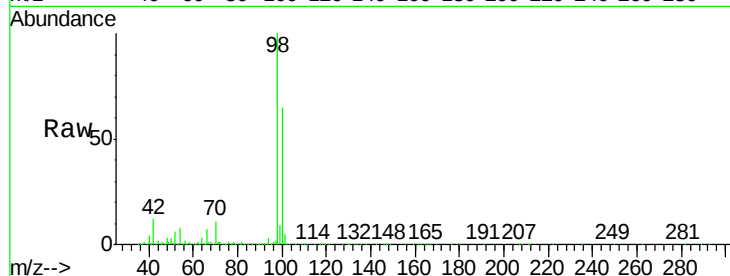
BP-TT-MW180D1-GW-20200720

Tot Ion: 98 Resp: 1100806

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#55

1,1,2-Trichloroethane

Concen: 1.691 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Tgt Ion: 97 Resp: 11712

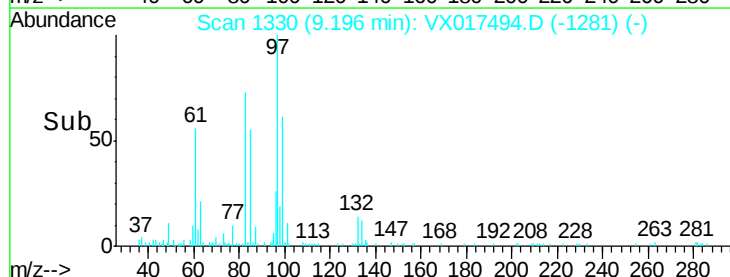
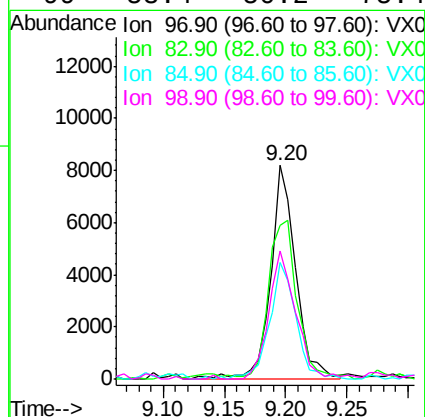
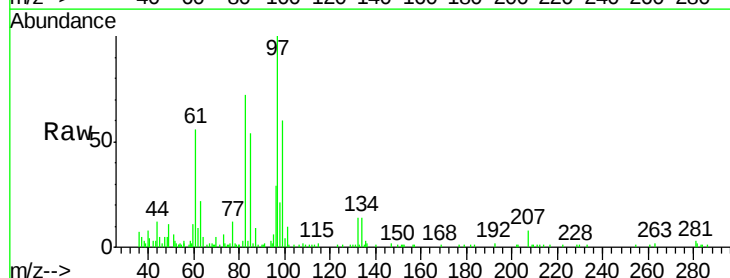
Ion Ratio Lower Upper

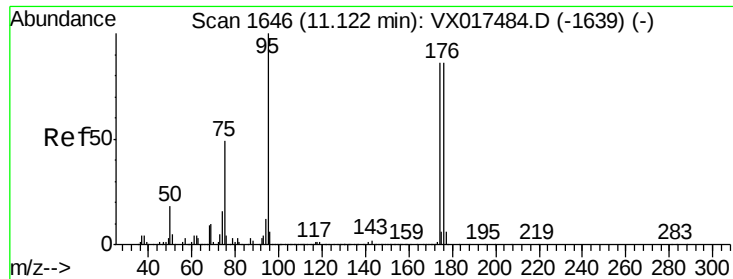
97 100

83 70.5 67.6 101.4

85 54.4 44.6 67.0

99 58.4 50.2 75.4





#62

4-Bromofluorobenzene

Concen: 48.691 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720

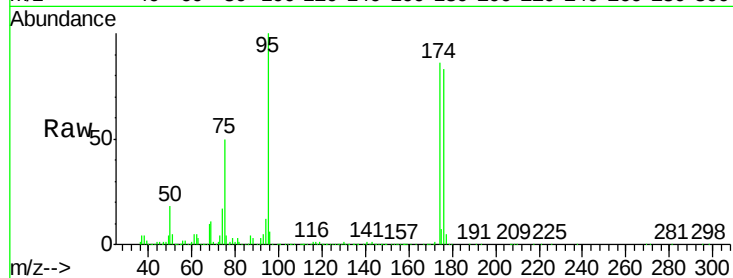
Tot Ion: 95 Resp: 443386

Ion Ratio Lower Upper

95 100

174 83.8 0.0 169.0

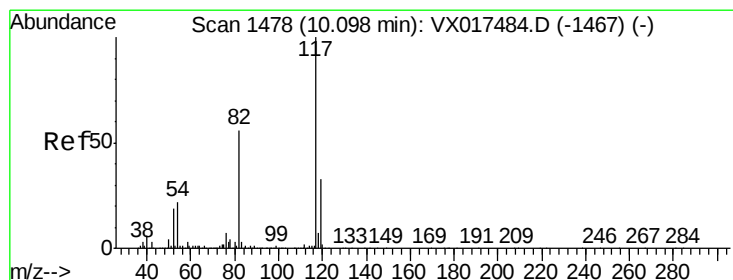
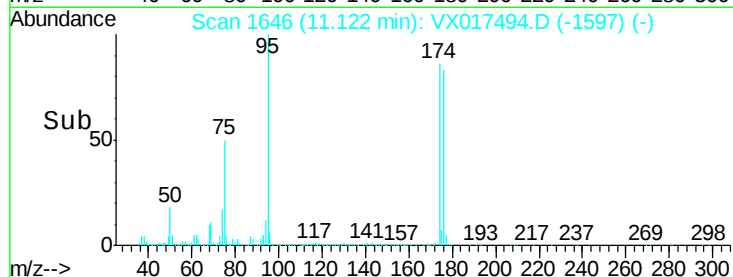
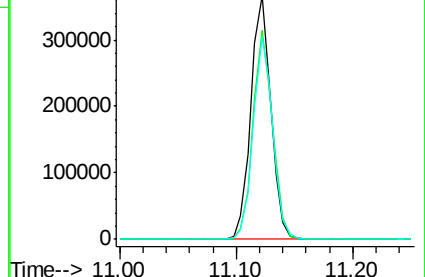
176 81.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017494.D

Acq: 23 Jul 2020 15:59

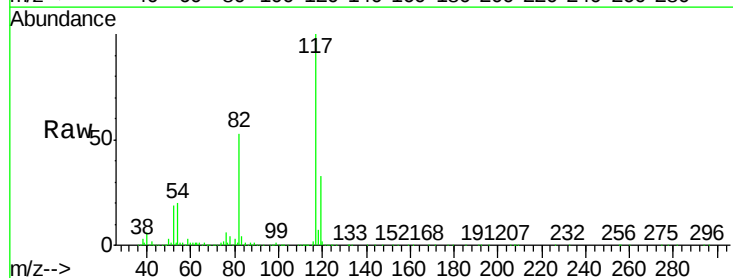
Tgt Ion: 117 Resp: 876222

Ion Ratio Lower Upper

117 100

82 53.4 44.0 66.0

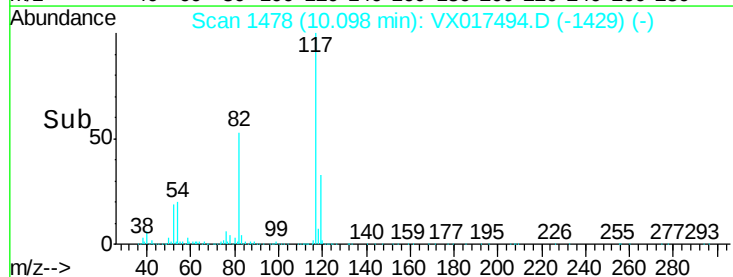
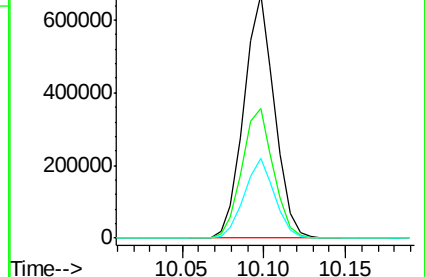
119 32.9 25.4 38.0

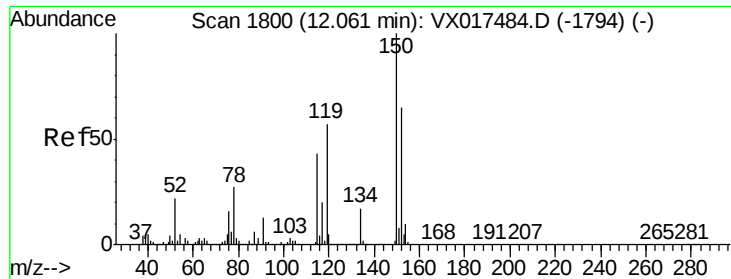


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017494.D

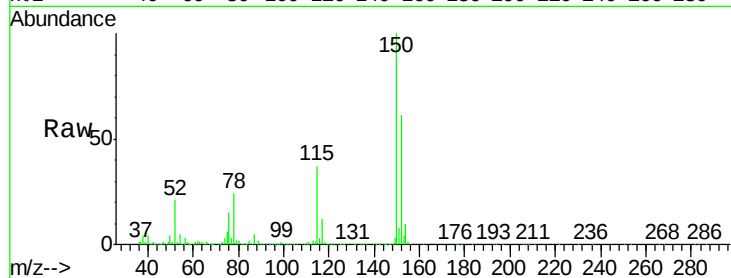
Acq: 23 Jul 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D1-GW-20200720



Tot Ion:	152	Resp:	459039
Ion Ratio	Lower	Upper	
152	100		
115	58.8	65.5	196.6#
150	161.0	0.0	412.6

