

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017493.D
 Acq On : 23 Jul 2020 15:36
 Operator : JC/SP
 Sample : L3416-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

Quant Time: Jul 24 06:23:57 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	518137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	852635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	912859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459793	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	338221	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	5.47	113	277518	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	8.70	98	1071127	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.12	95	450757	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	

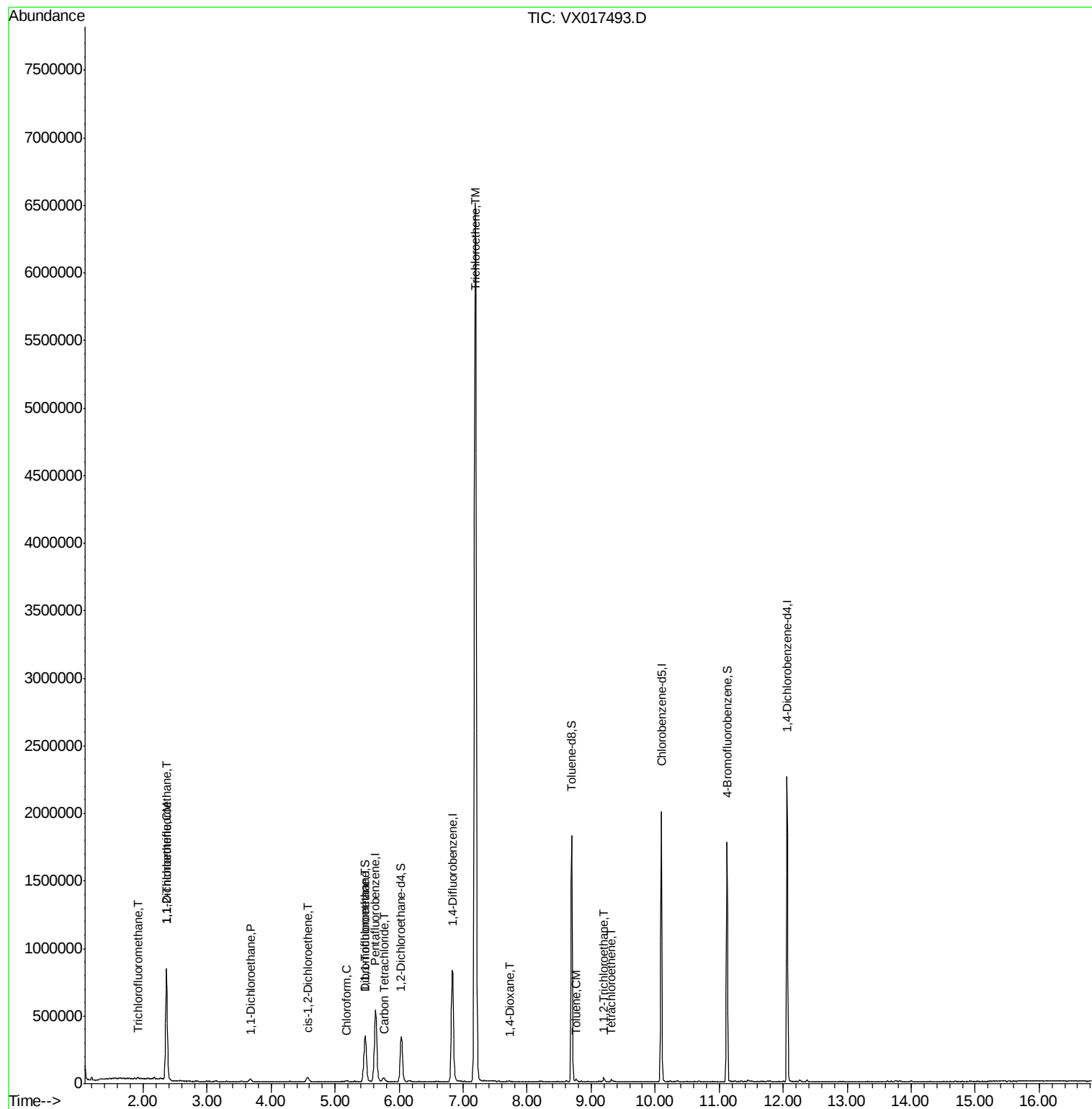
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	1.92	101	5613	0.547	ug/l #	81
9) 1,1,2-Trichlorotrifluoroet	2.37	101	217445	38.637	ug/l	97
12) 1,1-Dichloroethene	2.36	96	117731	21.998	ug/l	96
24) 1,1-Dichloroethane	3.67	63	25341	2.462	ug/l #	86
27) cis-1,2-Dichloroethene	4.57	96	21039	3.379	ug/l	82
30) Chloroform	5.18	83	10279	0.977	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	27276	2.750	ug/l	97
38) Carbon Tetrachloride	5.76	117	23441	2.361	ug/l #	95
44) Trichloroethene	7.19	130	2558801	373.466	ug/l	98
49) 1,4-Dioxane	7.73	88	3173	22.616	ug/l	90
52) Toluene	8.77	92	5052	0.336	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	7218	1.152	ug/l #	78
64) Tetrachloroethene	9.32	164	2442	0.298	ug/l #	67

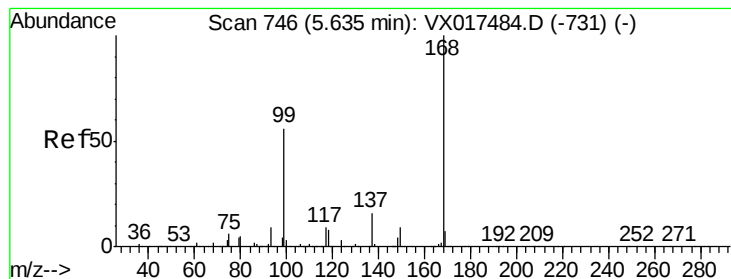
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

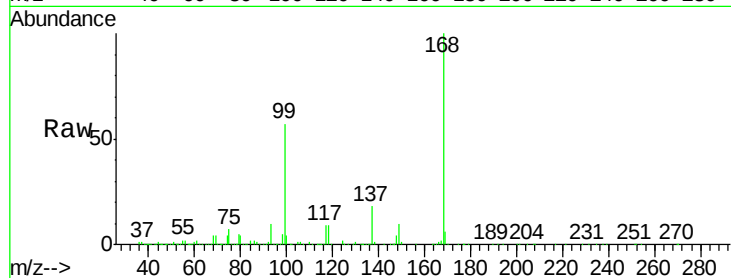
BP-TT-MW180D2-GW-20200722

Tot Ion:168 Resp: 518137

Ion Ratio Lower Upper

168 100

99 57.2 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

200000

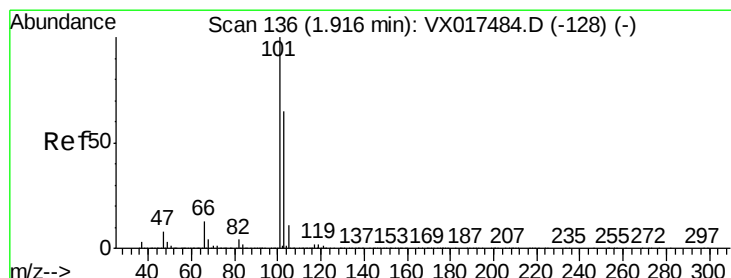
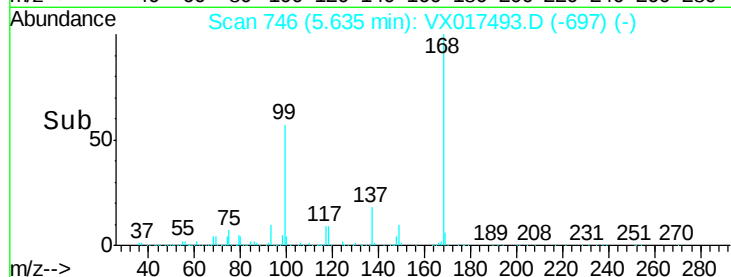
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.547 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017493.D

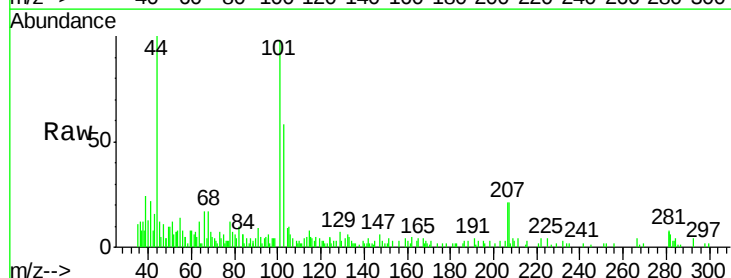
Acq: 23 Jul 2020 15:36

Tgt Ion:101 Resp: 5613

Ion Ratio Lower Upper

101 100

103 49.7 51.8 77.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

4000

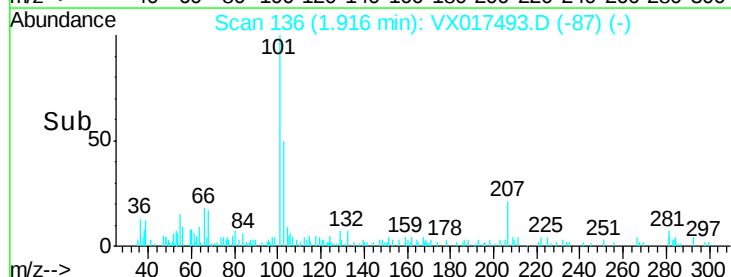
3000

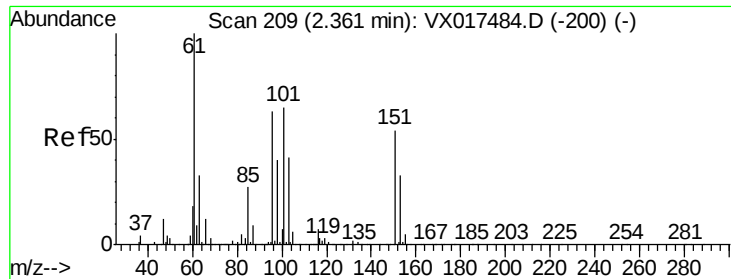
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.637 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

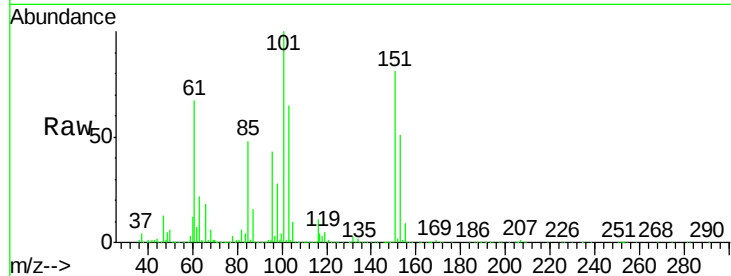
Tot Ion:101 Resp: 217445

Ion Ratio Lower Upper

101 100

85 43.8 34.8 52.2

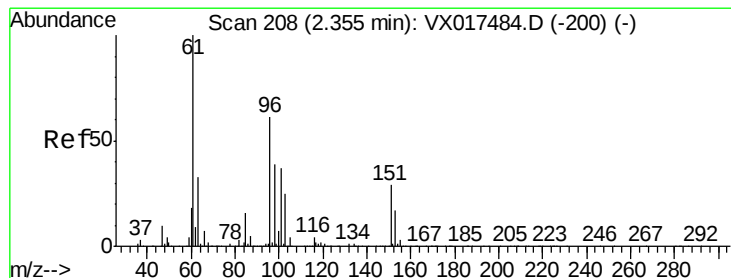
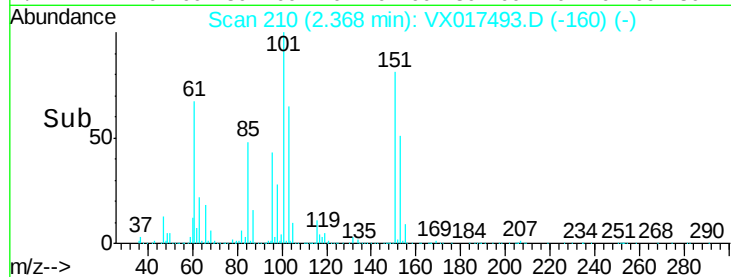
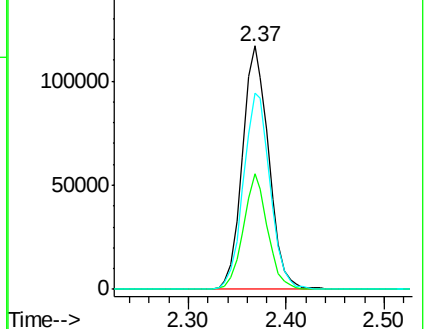
151 81.7 68.0 102.0



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



#12

1,1-Dichloroethene

Concen: 21.998 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

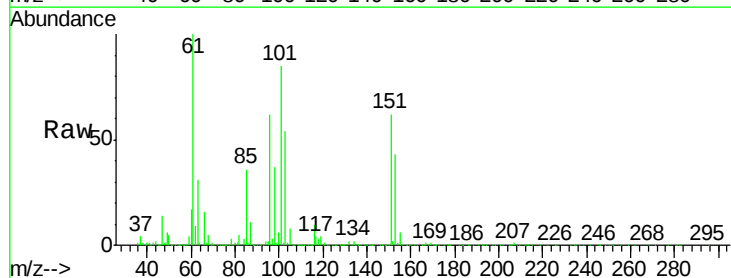
Tgt Ion: 96 Resp: 117731

Ion Ratio Lower Upper

96 100

61 162.4 134.0 201.0

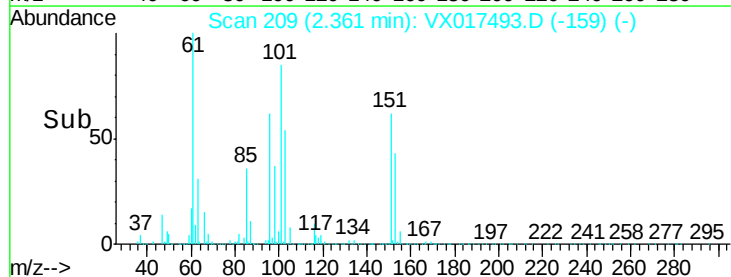
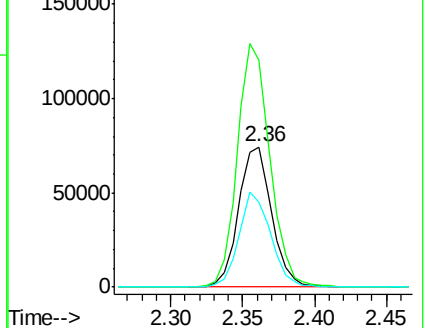
98 60.5 51.0 76.4

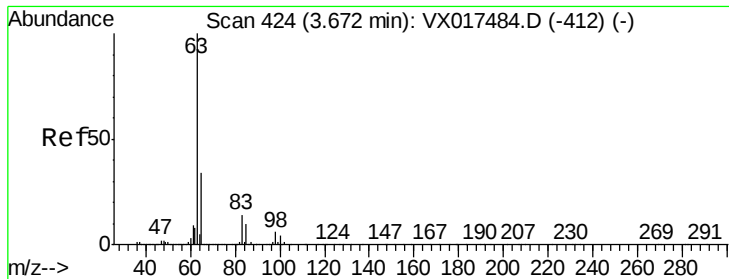


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 2.462 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

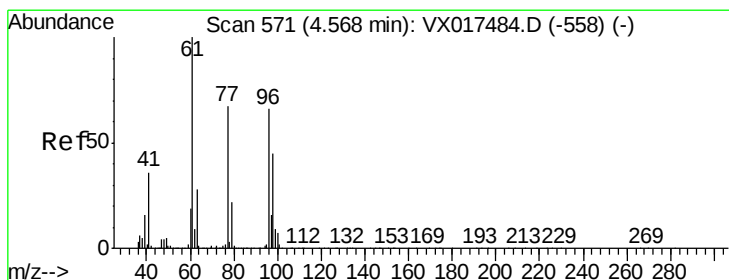
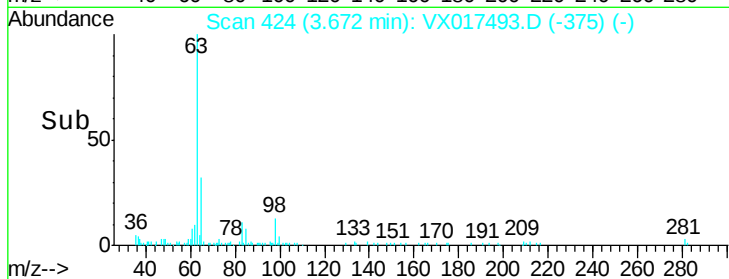
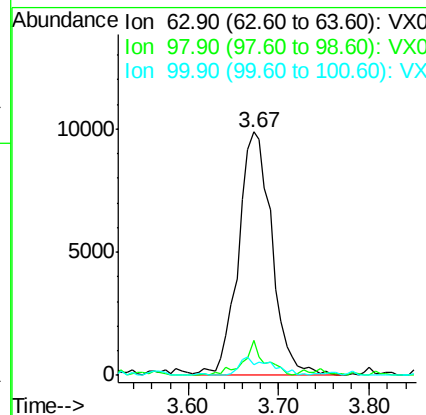
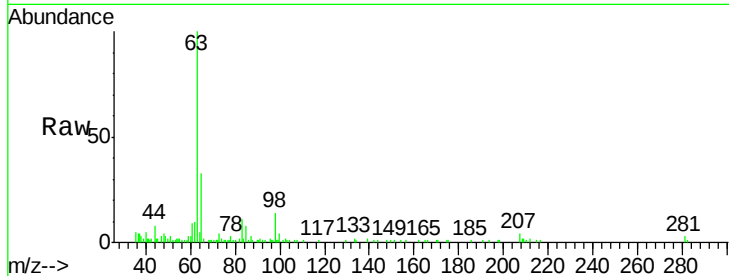
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

Tot Ion:	63	Resp:	25341
Ion	Ratio	Lower	Upper
63	100		
98	14.1	3.4	10.1#
100	4.2	1.9	5.7



#27

cis-1,2-Dichloroethene

Concen: 3.379 ug/l

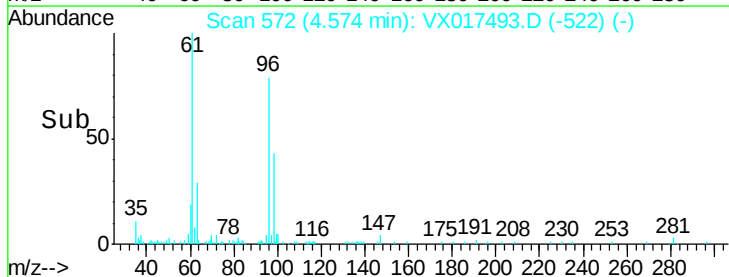
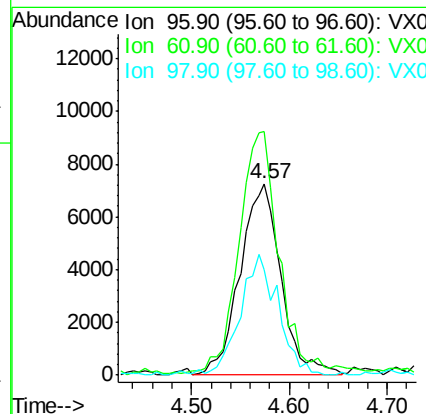
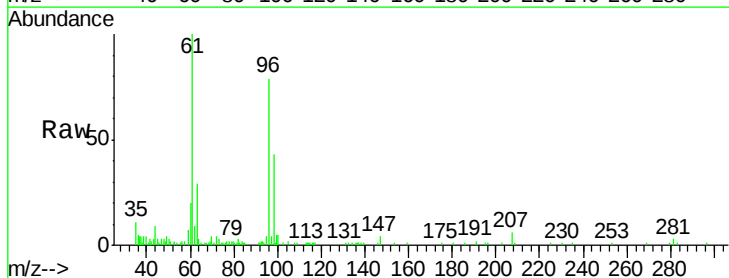
RT: 4.57 min Scan# 572

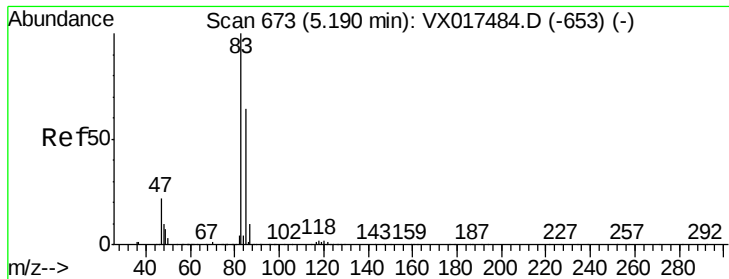
Delta R.T. 0.01 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Tgt Ion:	96	Resp:	21039
Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	301.2
98	58.3	0.0	130.0

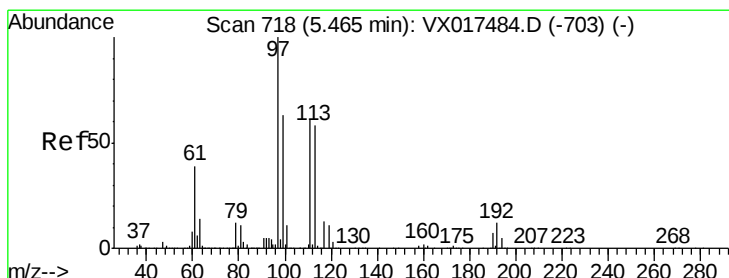
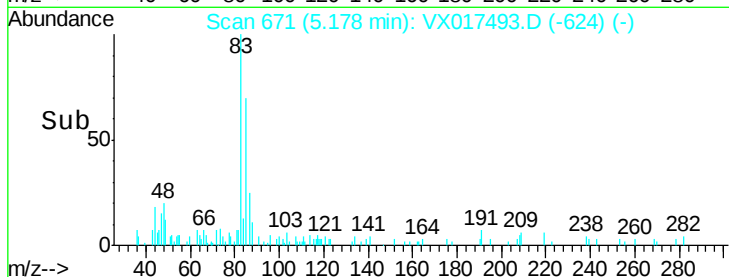
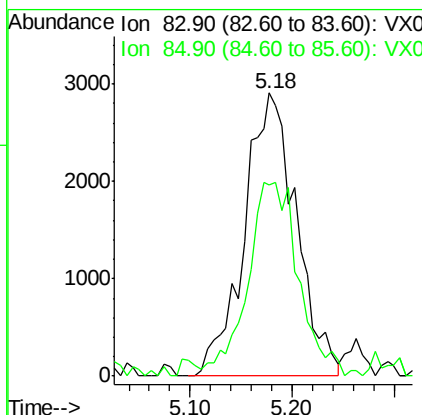
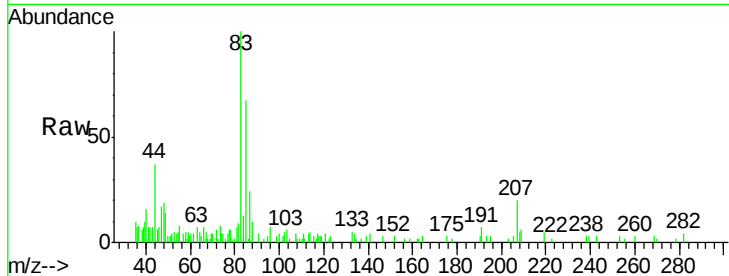




#30
Chloroform
Concen: 0.977 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

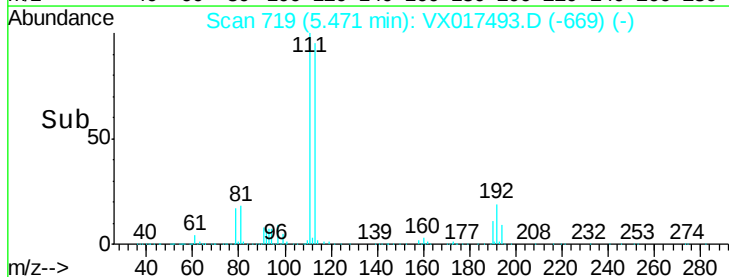
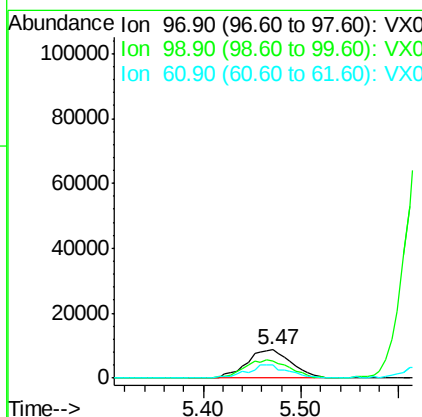
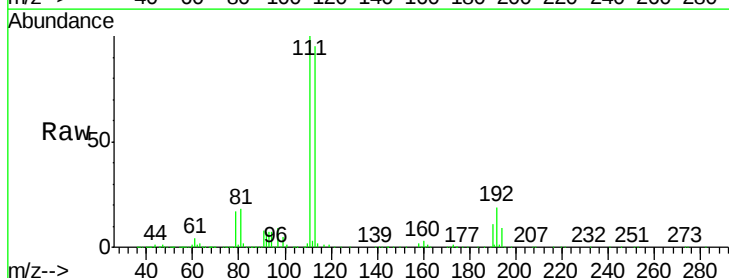
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW180D2-GW-20200722

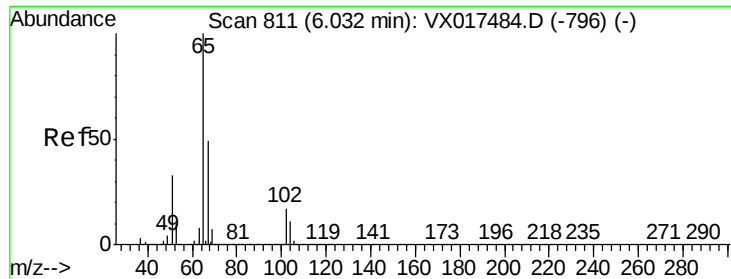
Tot Ion: 83 Resp: 10279
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2



#32
1,1,1-Trichloroethane
Concen: 2.750 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

Tgt Ion: 97 Resp: 27276
Ion Ratio Lower Upper
97 100
99 66.7 51.9 77.9
61 44.5 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 50.817 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

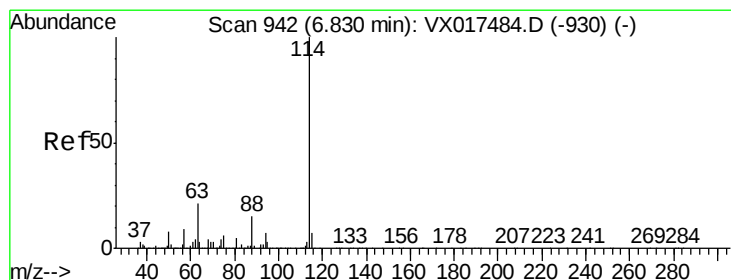
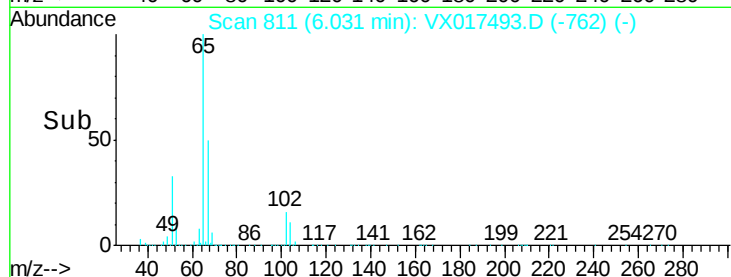
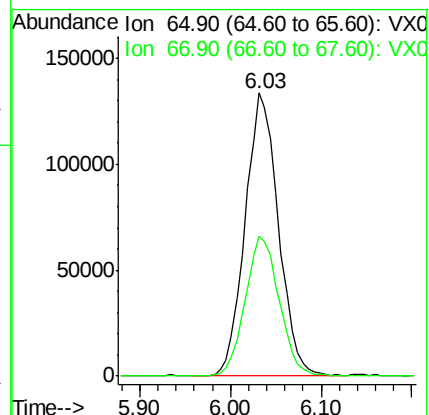
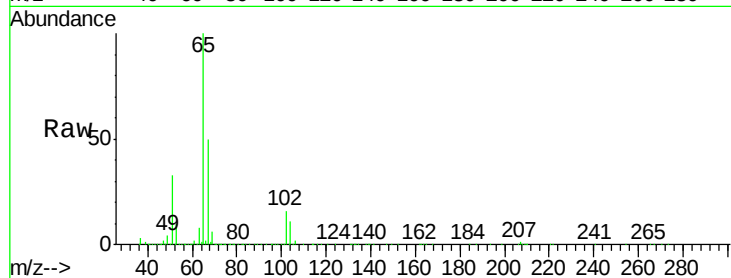
BP-TT-MW180D2-GW-20200722

Tot Ion: 65 Resp: 338221

Ion Ratio Lower Upper

65 100

67 50.6 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: VX017493.D

Acq: 23 Jul 2020 15:36

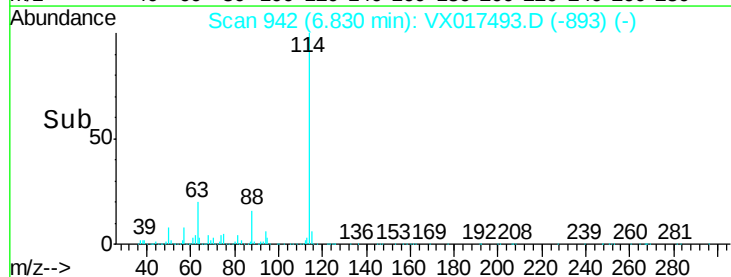
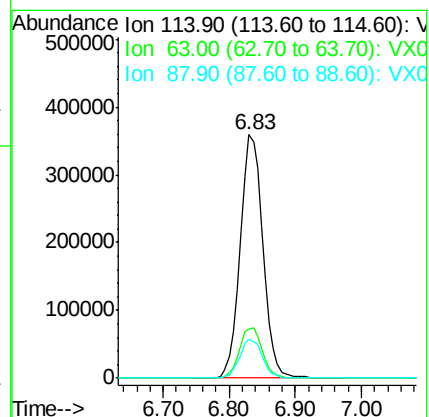
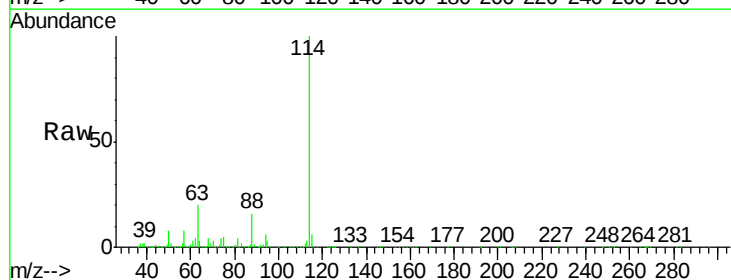
Tgt Ion: 114 Resp: 852635

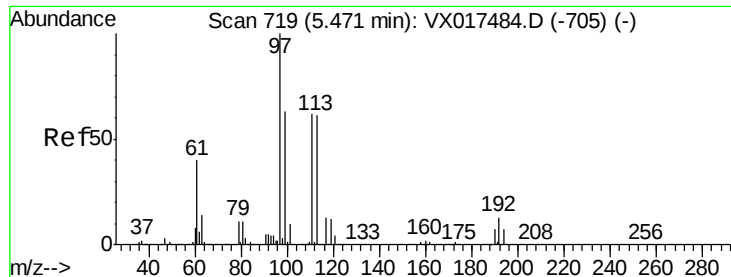
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.7 0.0 33.4

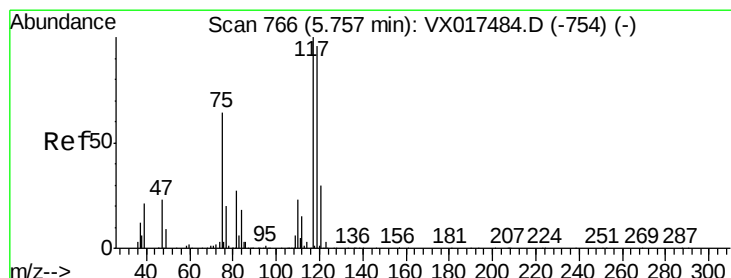
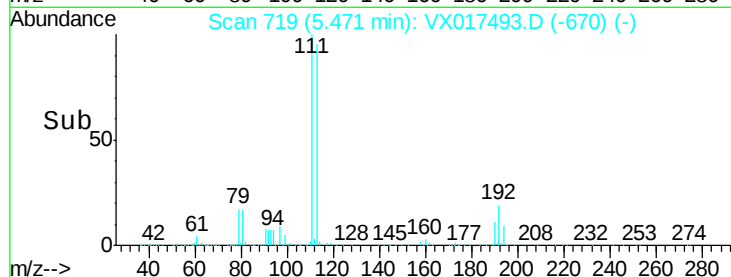
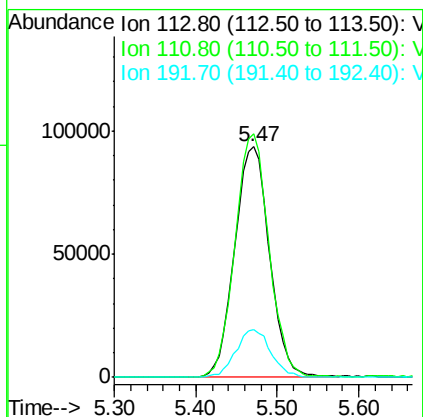
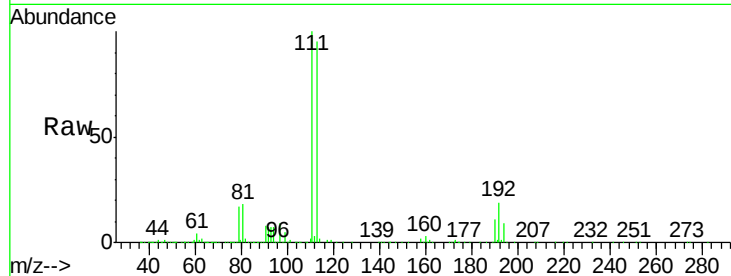




#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

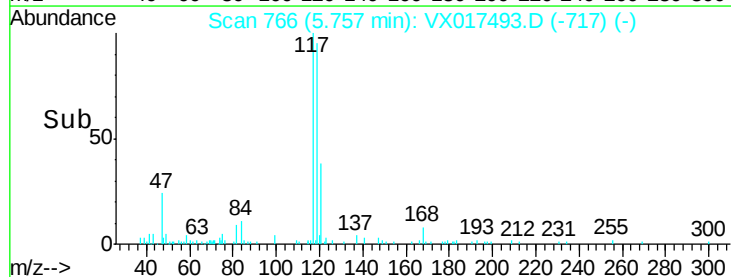
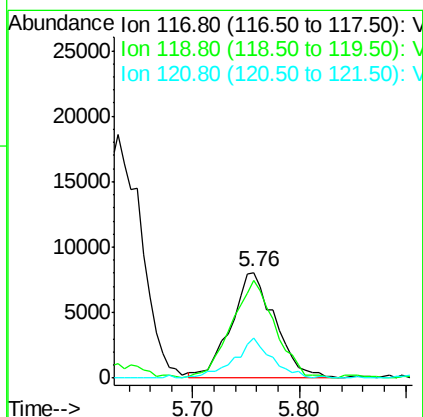
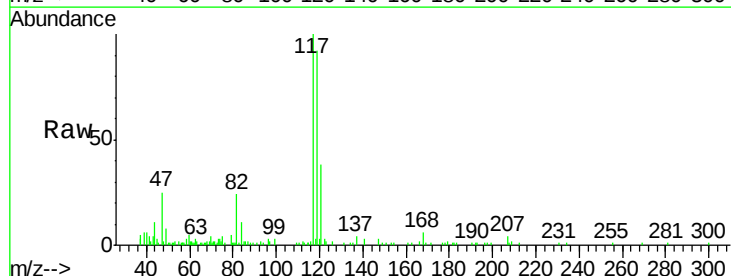
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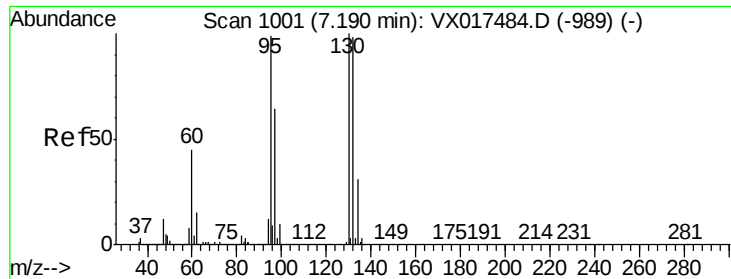
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	20.7	16.9	25.3



#38
Carbon Tetrachloride
Concen: 2.361 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.4	113.0
121	37.7	24.3	36.5#

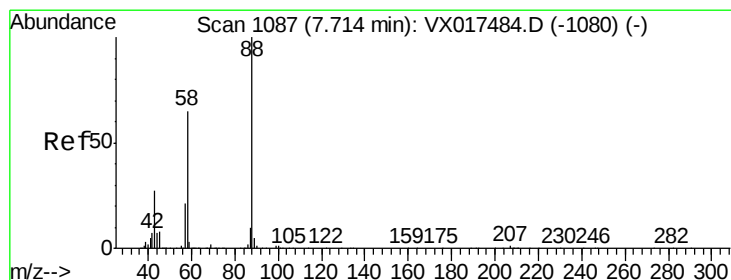
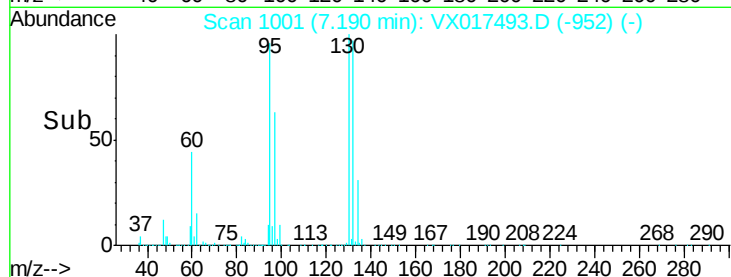
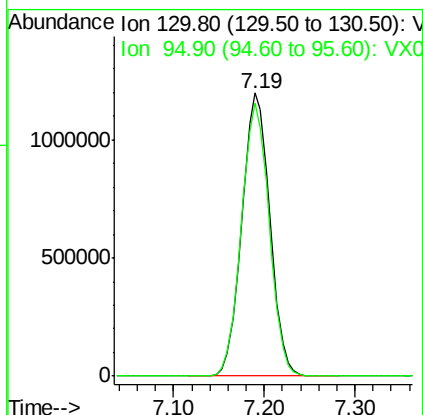
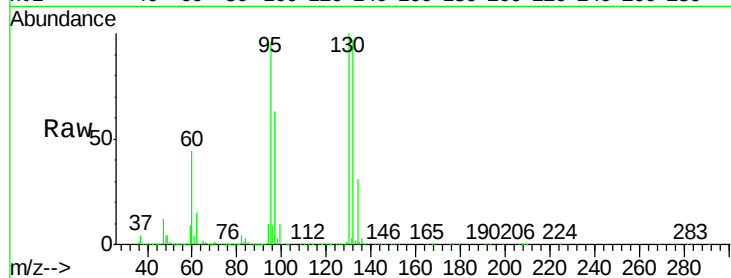




#44
 Trichloroethene
 Concen: 373.466 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

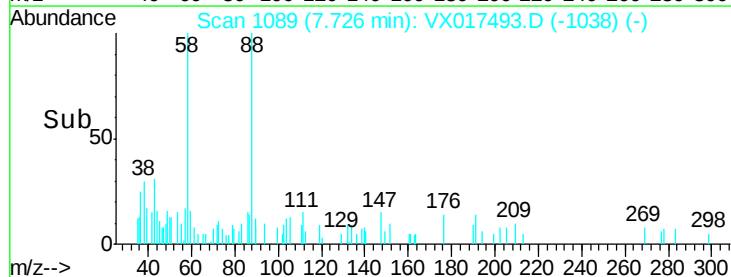
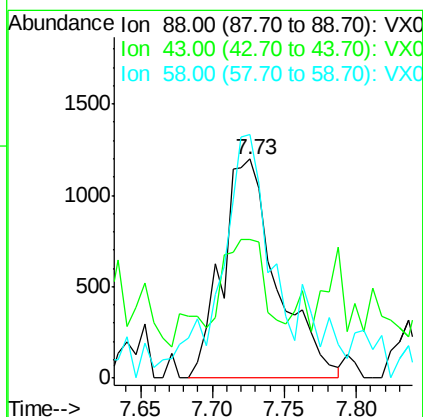
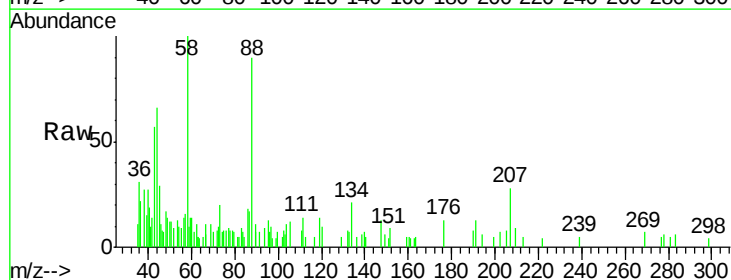
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

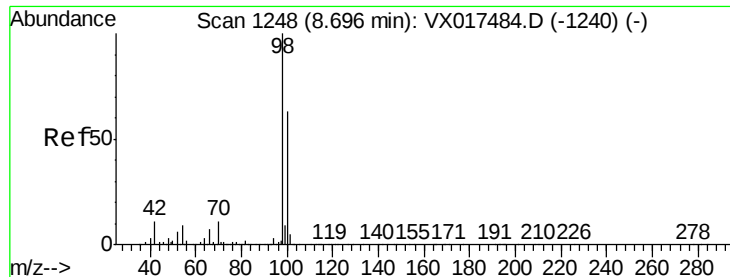
Tot Ion:130 Resp: 2558801
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 189.0



#49
 1,4-Dioxane
 Concen: 22.616 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

Tgt Ion: 88 Resp: 3173
 Ion Ratio Lower Upper
 88 100
 43 32.7 27.8 41.6
 58 84.5 58.3 87.5





#50

Toluene-d8

Concen: 52.068 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

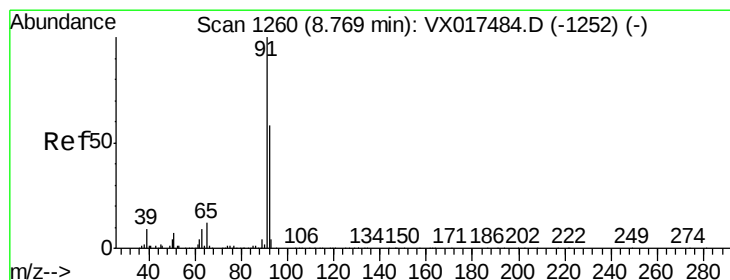
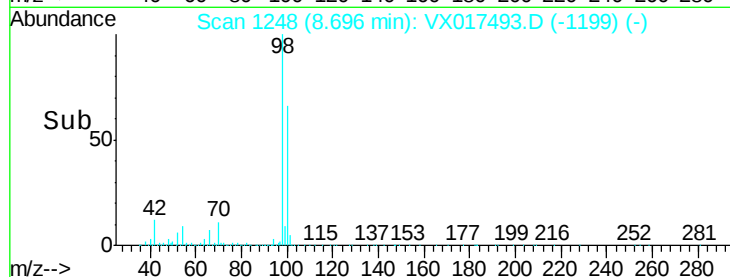
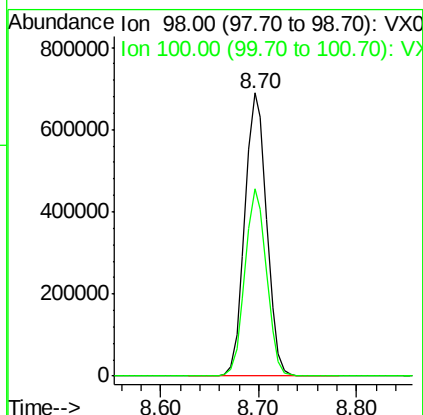
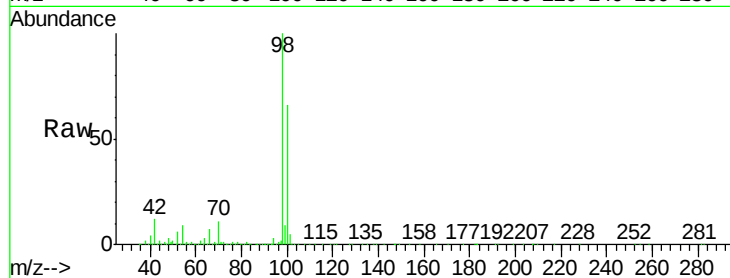
BP-TT-MW180D2-GW-20200722

Tot Ion: 98 Resp: 1071127

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#52

Toluene

Concen: 0.336 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017493.D

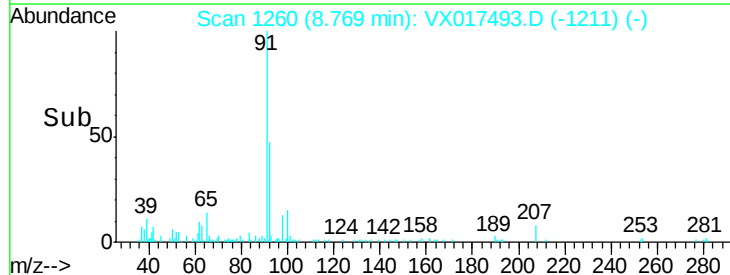
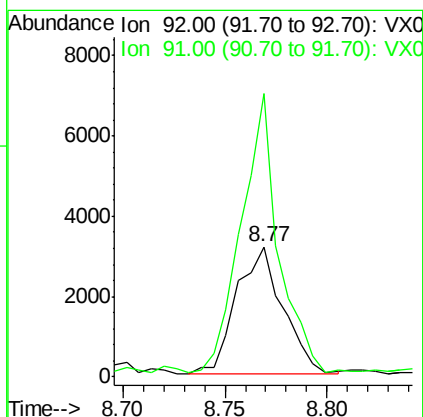
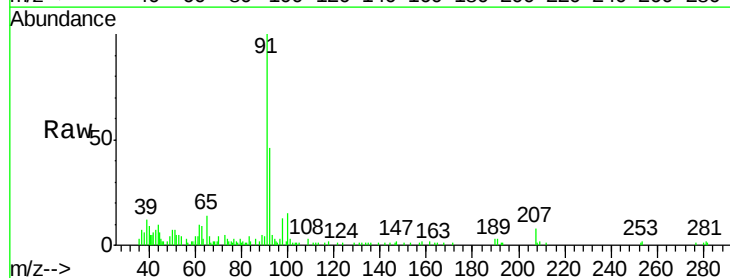
Acq: 23 Jul 2020 15:36

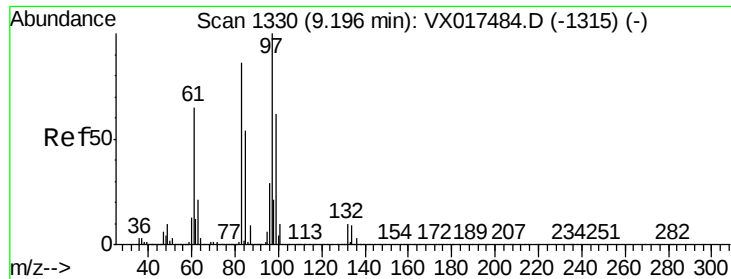
Tgt Ion: 92 Resp: 5052

Ion Ratio Lower Upper

92 100

91 178.6 137.6 206.4

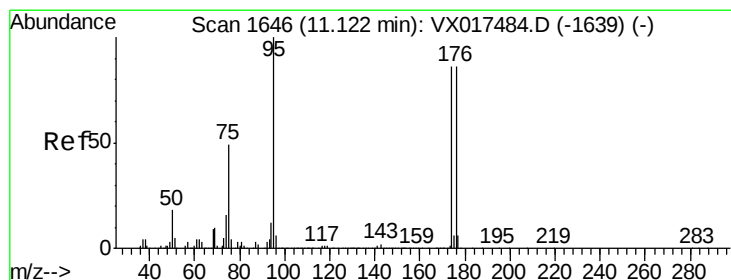
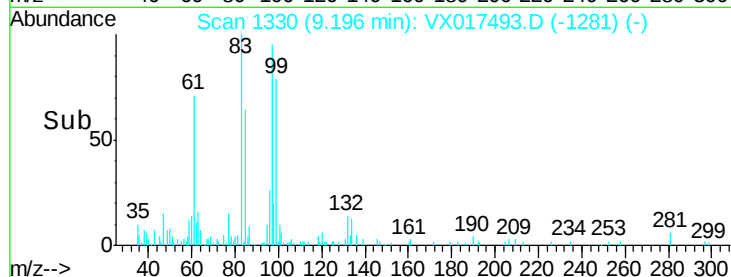
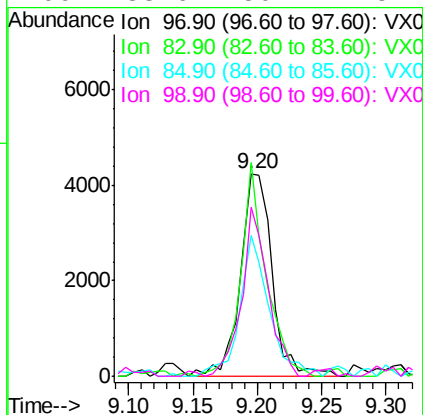
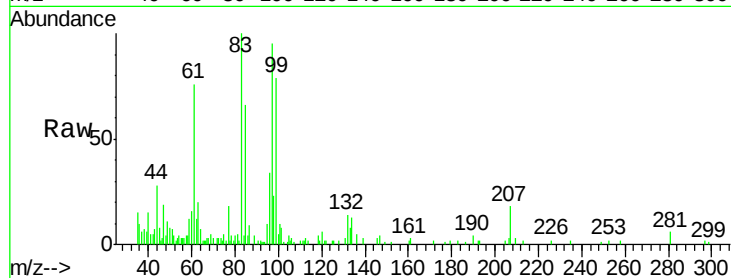




#55
 1,1,2-Trichloroethane
 Concen: 1.152 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

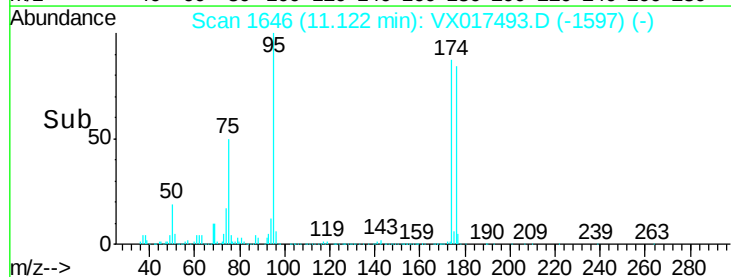
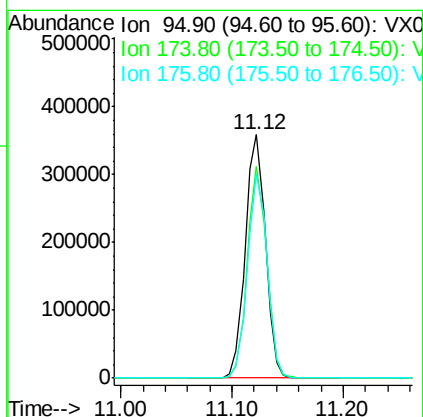
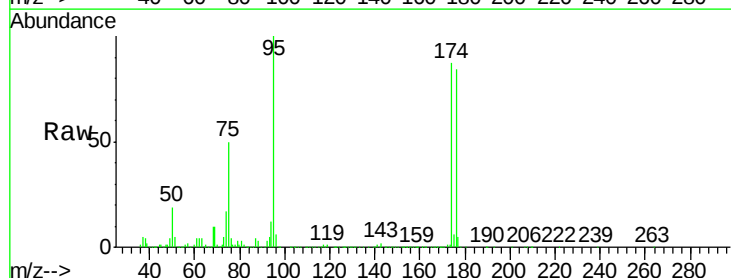
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

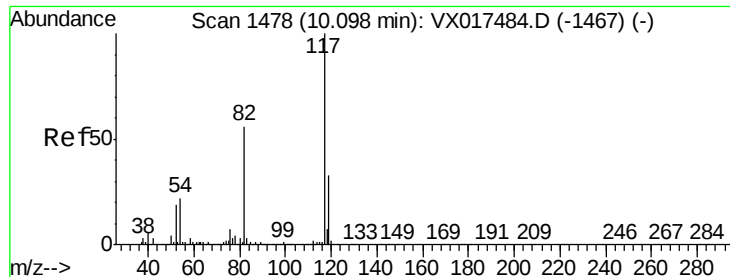
Tot Ion: 97 Resp: 7218
 Ion Ratio Lower Upper
 97 100
 83 104.2 67.6 101.4#
 85 66.8 44.6 67.0
 99 83.6 50.2 75.4#



#62
 4-Bromofluorobenzene
 Concen: 54.752 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

Tgt Ion: 95 Resp: 450757
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 169.0
 176 82.0 0.0 161.0

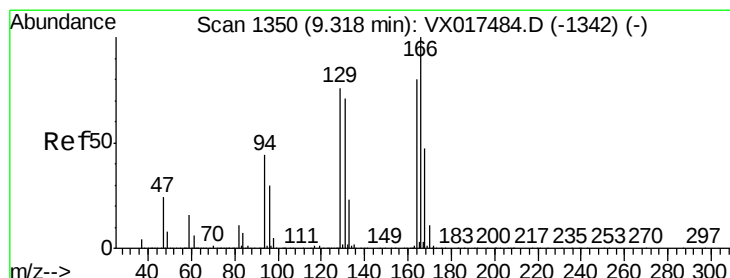
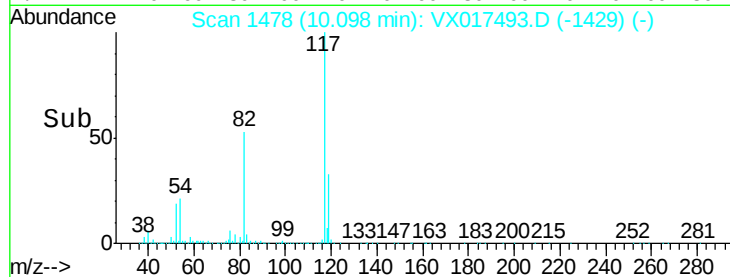
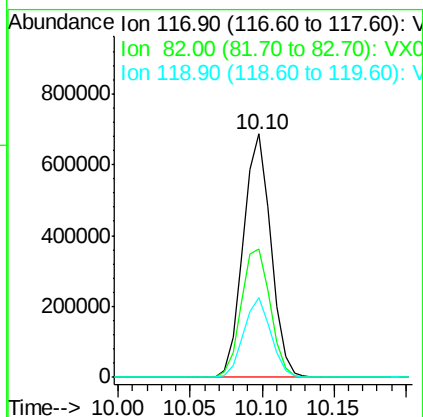
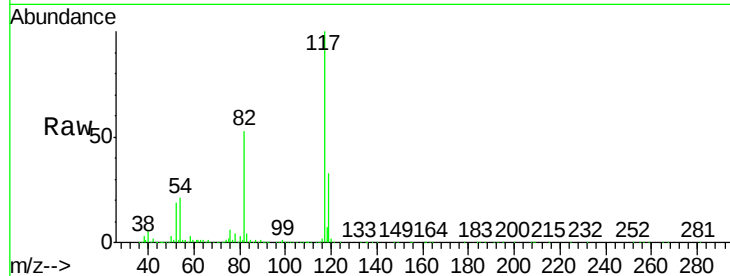




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

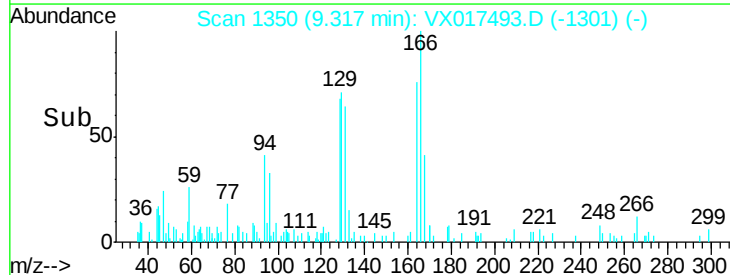
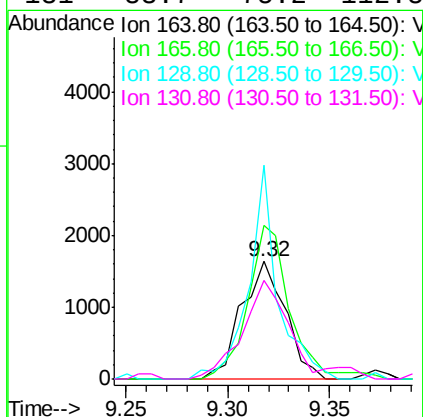
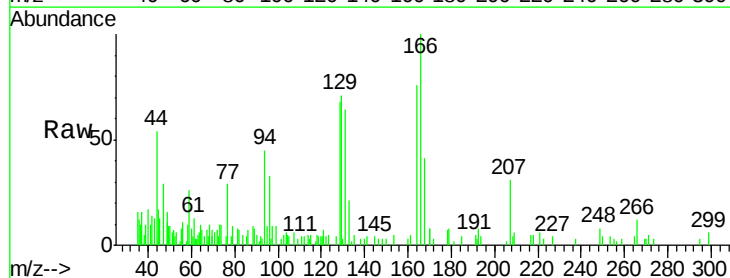
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW180D2-GW-20200722

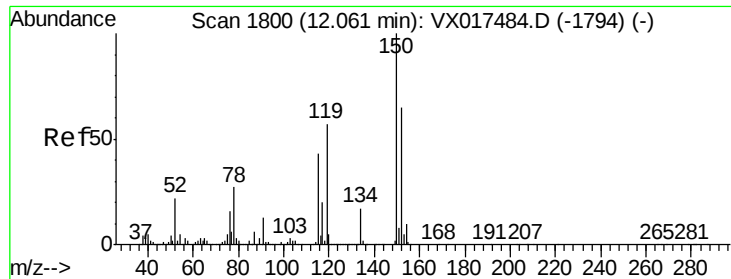
Tot Ion:117 Resp: 912859
Ion Ratio Lower Upper
117 100
82 52.8 44.0 66.0
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.298 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

Tgt Ion:164 Resp: 2442
Ion Ratio Lower Upper
164 100
166 131.3 100.6 150.8
129 182.3 75.0 112.6#
131 83.7 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: VX017493.D
 Acq: 23 Jul 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	65.5	196.6#
150	156.1	0.0	412.6

