

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 05:57:09 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						
33) 1,2-Dichloroethane-d4	6.03	65	338221	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.47	113	277518	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.70	98	1071127	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.12	95	450757	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	3356	Below Cal		83
3) Chloromethane	1.32	50	1772	0.642 ug/l #		83
5) Bromomethane	1.64	94	978	Below Cal #		68
6) Chloroethane	1.71	64	686	Below Cal #		44
7) Trichlorofluoromethane	1.92	101	5613	0.547 ug/l #		81
8) Diethyl Ether	2.04	74	189	Below Cal		92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	217445	38.637 ug/l		97
11) Tert butyl alcohol	3.02	59	527	0.376 ug/l #		1
12) 1,1-Dichloroethene	2.36	96	117731	21.998 ug/l		96
13) Acrolein	2.28	56	714	4.804 ug/l		95
16) Acetone	2.42	43	6742	2.301 ug/l		93
17) Carbon Disulfide	2.55	76	5190	0.319 ug/l #		85
20) Methylene Chloride	2.82	84	2132	Below Cal #		48
24) 1,1-Dichloroethane	3.67	63	25341	2.462 ug/l #		86
25) 2-Butanone	4.65	43	1039	0.250 ug/l #		52
27) cis-1,2-Dichloroethene	4.57	96	21039	3.379 ug/l		82
29) Tetrahydrofuran	5.10	42	738	0.286 ug/l #		44
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
36) 1,1-Dichloropropene	5.64	75	36826	4.503 ug/l #		52
38) Carbon Tetrachloride	5.76	117	23441	2.361 ug/l #		95
42) 1,2-Dichloroethane	6.15	62	3127	0.326 ug/l #		19
44) Trichloroethene	7.19	130	2558801	373.466 ug/l		98
45) 1,2-Dichloropropane	7.49	63	1870	0.288 ug/l #		69
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
76) 1,2,3-Trichloropropane	11.12	75	228005	24.107 ug/l #		34
81) trans-1,4-Dichloro-2-buten	11.12	75	228005	60.744 ug/l #		12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	451	2.730 ug/l #		17
93) 1,2,4-Trichlorobenzene	13.63	180	2826	0.278 ug/l		84
94) Hexachlorobutadiene	13.76	225	1047	0.224 ug/l		94

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

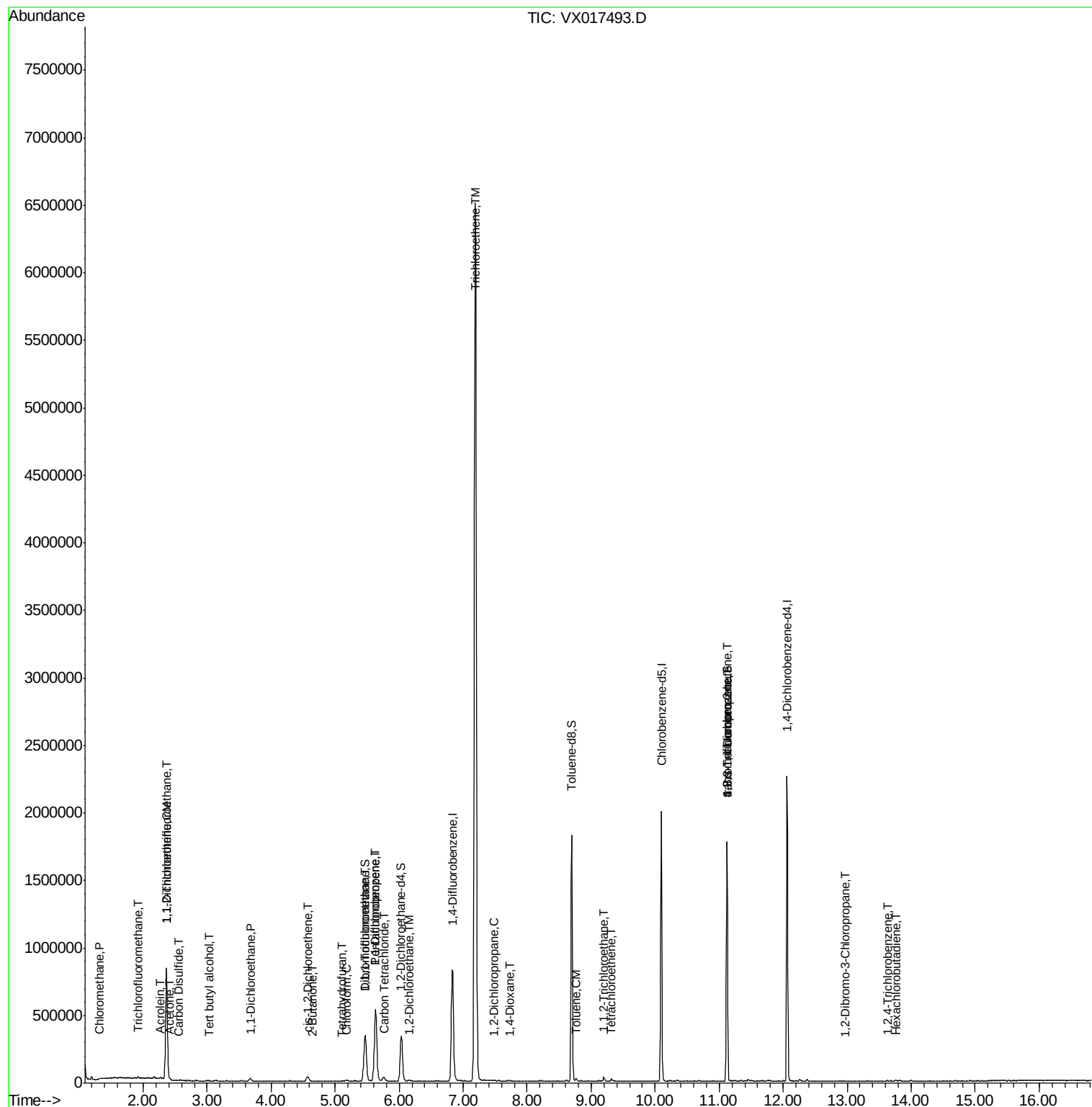
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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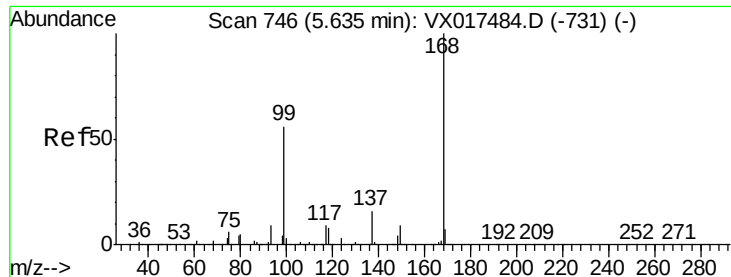
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

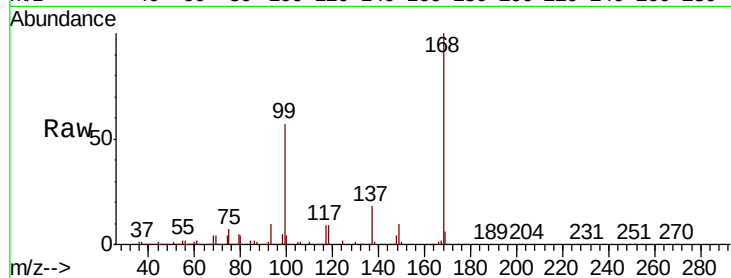
BP-TT-MW180D2-GW-20200722

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

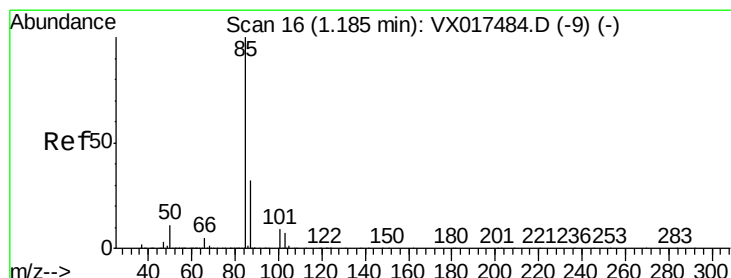
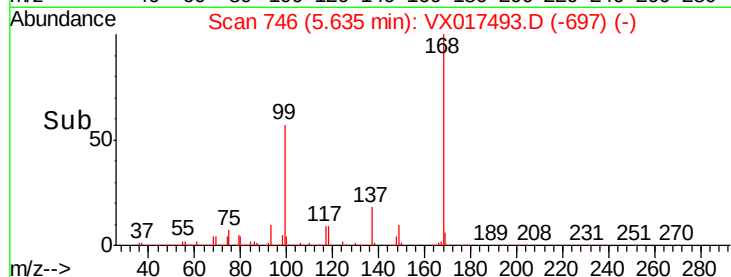
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017493.D

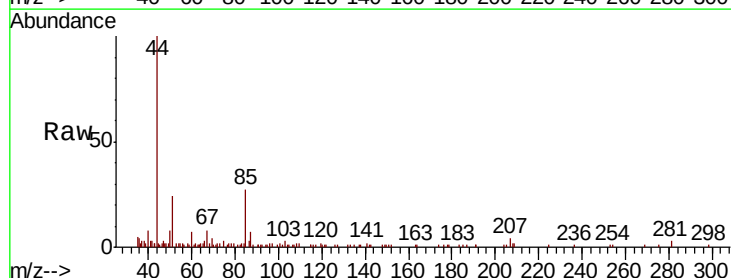
Acq: 23 Jul 2020 15:36

Tgt Ion: 85 Resp: 3356

Ion Ratio Lower Upper

85 100

87 22.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

2500

2000

1500

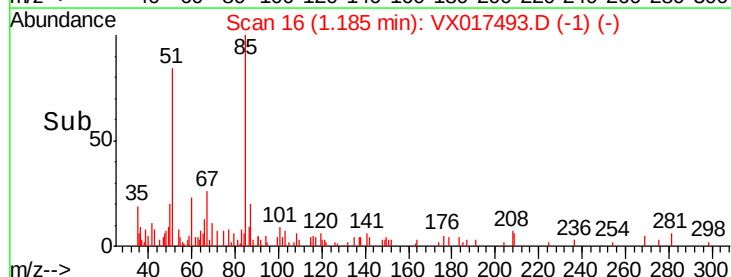
1000

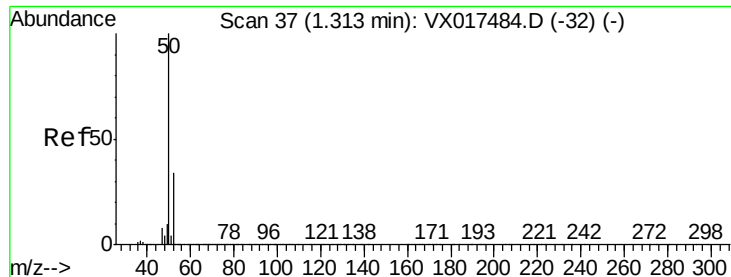
500

0

1.15 1.20

Time-->





#3

Chloromethane

Concen: 0.642 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

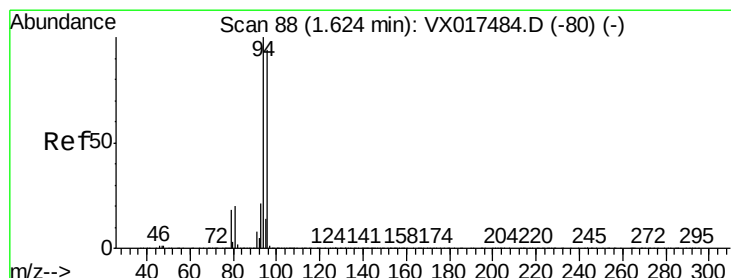
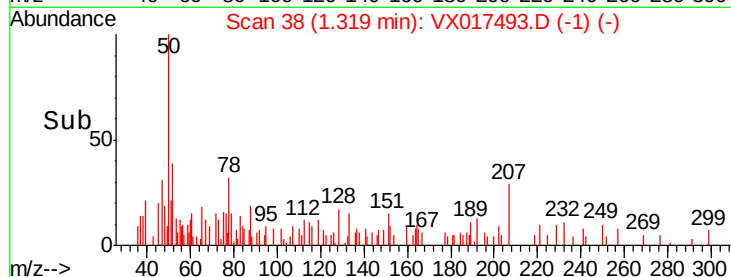
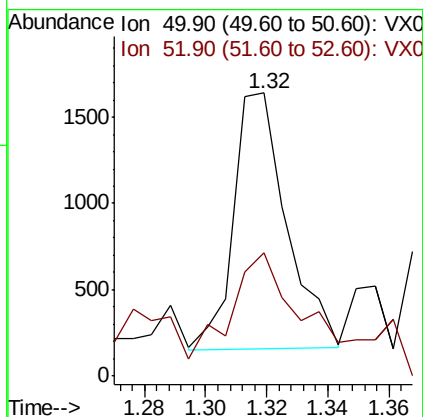
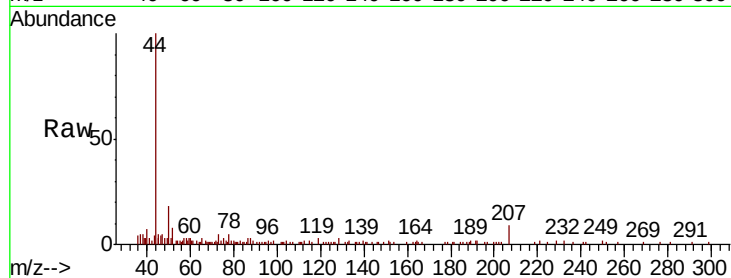
BP-TT-MW180D2-GW-20200722

Tot Ion: 50 Resp: 1772

Ion Ratio Lower Upper

50 100

52 42.1 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017493.D

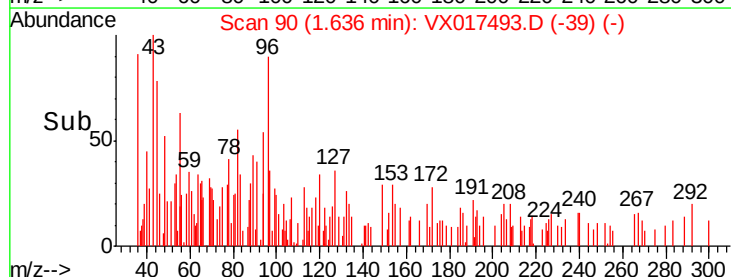
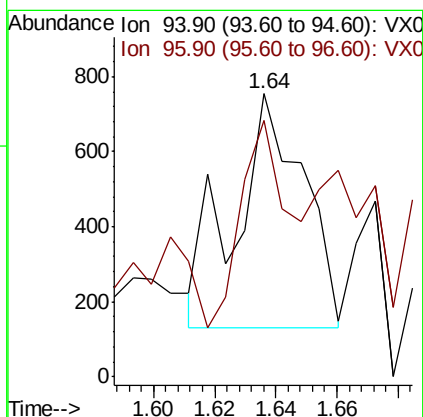
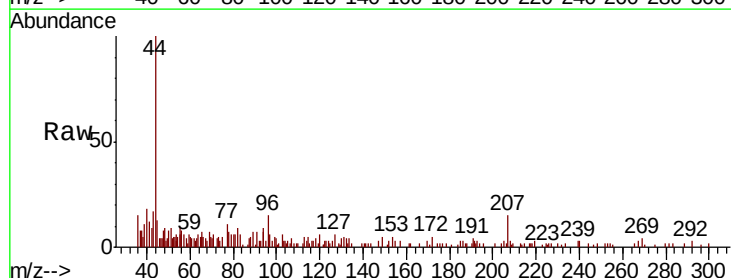
Acq: 23 Jul 2020 15:36

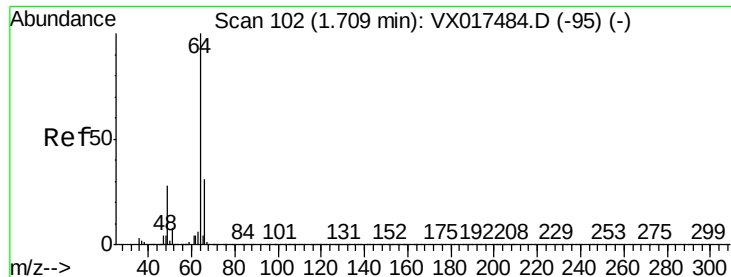
Tgt Ion: 94 Resp: 978

Ion Ratio Lower Upper

94 100

96 61.9 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

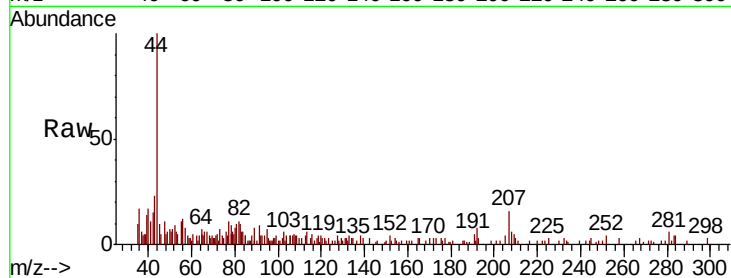
BP-TT-MW180D2-GW-20200722

Tot Ion: 64 Resp: 686

Ion Ratio Lower Upper

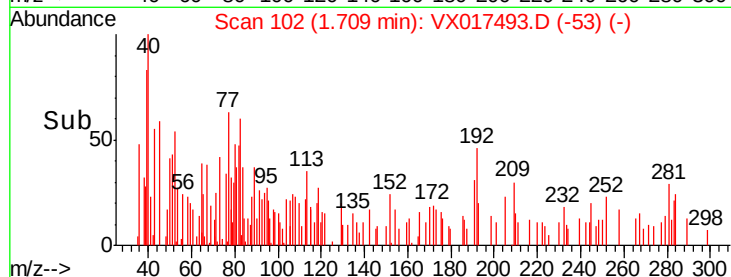
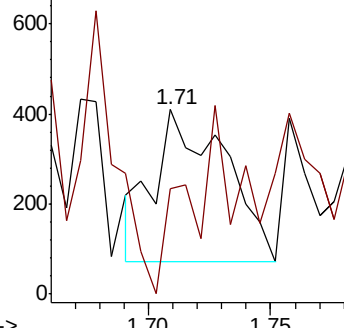
64 100

66 0.0 24.9 37.3#

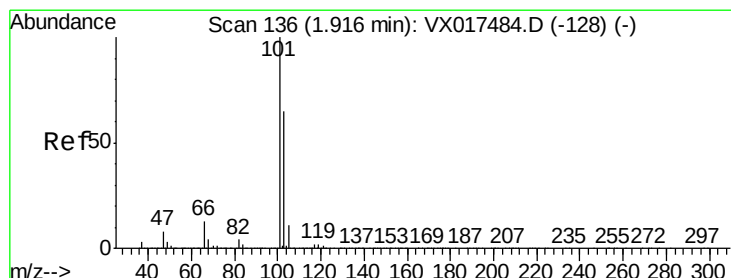


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#7

Trichlorofluoromethane

Concen: 0.547 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017493.D

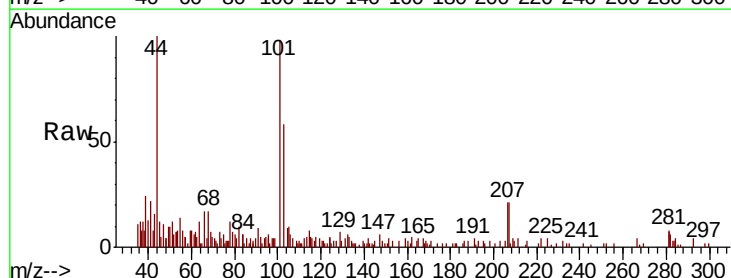
Acq: 23 Jul 2020 15:36

Tgt Ion: 101 Resp: 5613

Ion Ratio Lower Upper

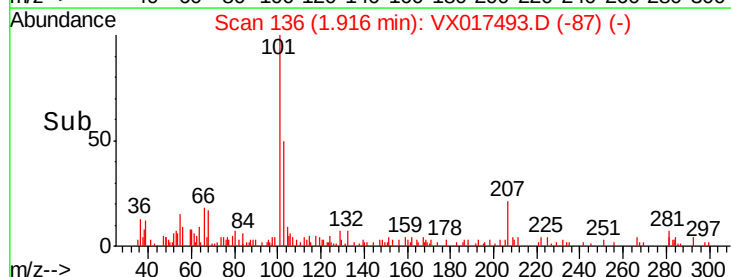
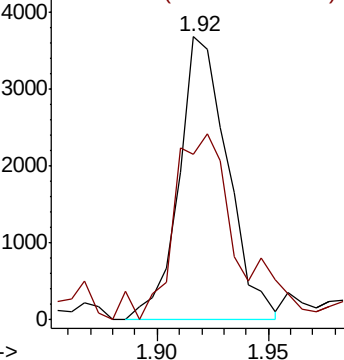
101 100

103 49.7 51.8 77.8#

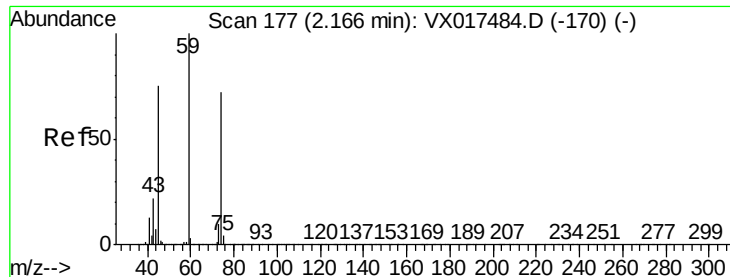


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.04 min Scan# 156

Delta R.T. -0.13 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

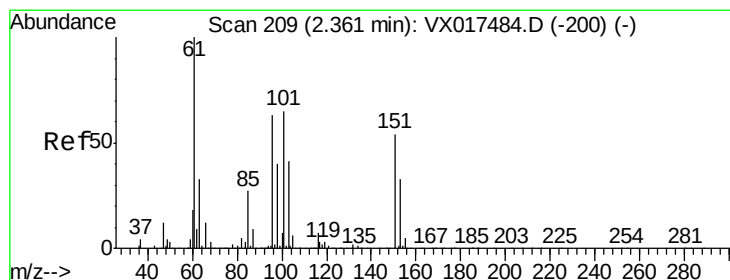
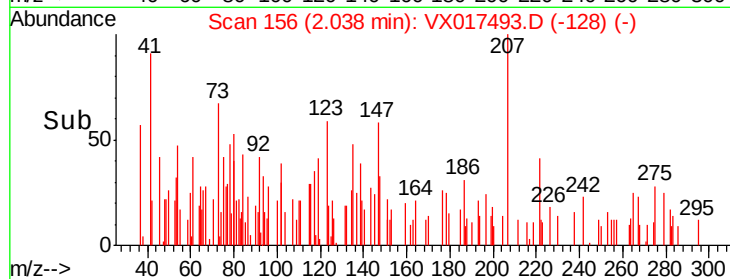
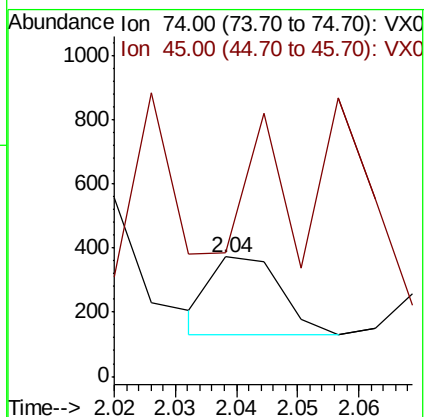
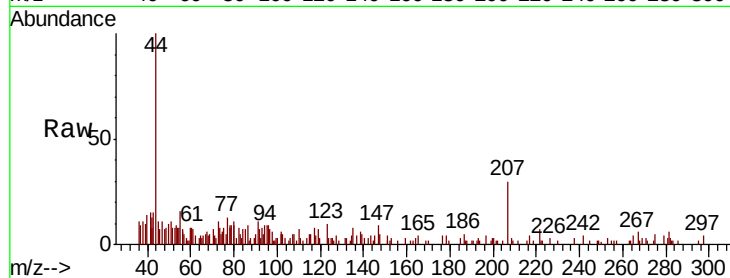
BP-TT-MW180D2-GW-20200722

Tot Ion: 74 Resp: 189

Ion Ratio Lower Upper

74 100

45 93.7 50.8 152.5



#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

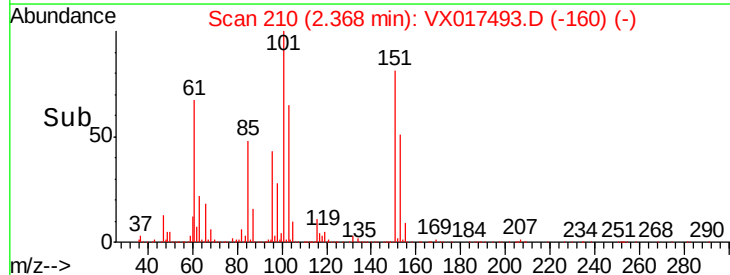
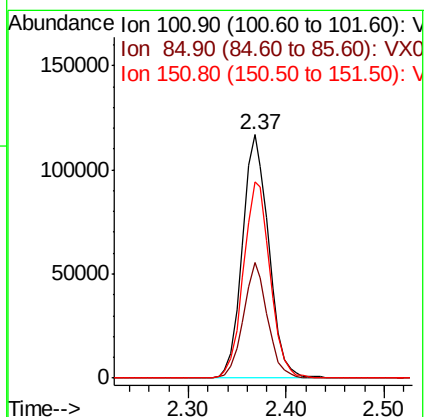
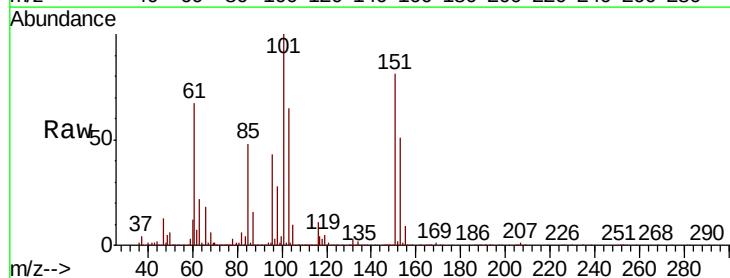
Tgt Ion: 101 Resp: 217445

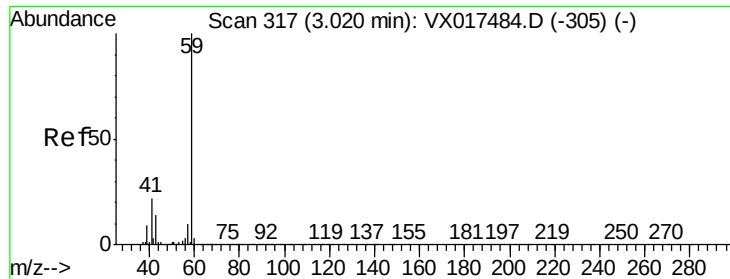
Ion Ratio Lower Upper

101 100

85 43.8 34.8 52.2

151 81.7 68.0 102.0



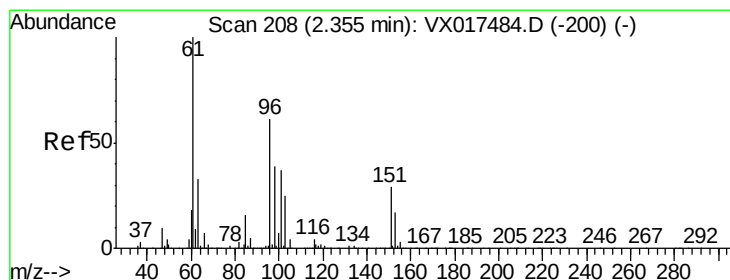
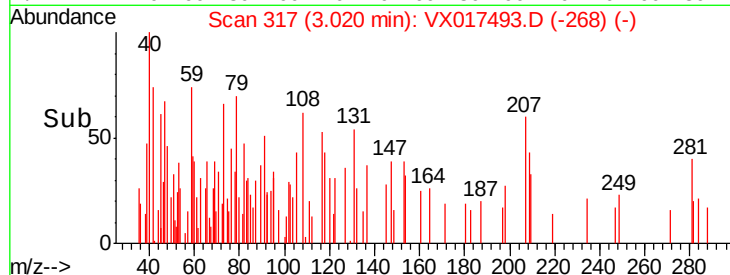
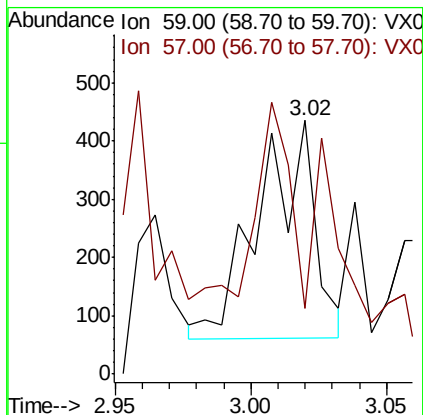
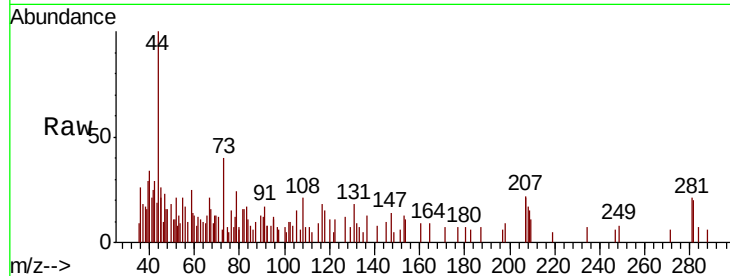


#11

Tert butyl alcohol
Concen: 0.376 ug/l
RT: 3.02 min Scan# 317
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

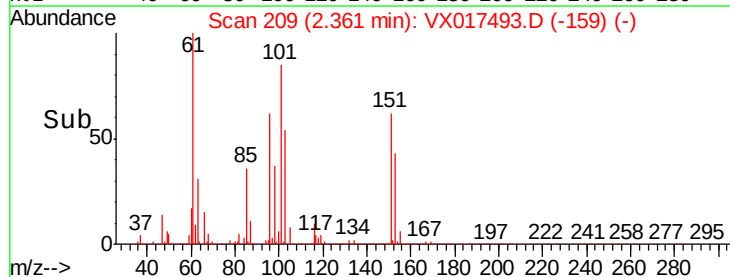
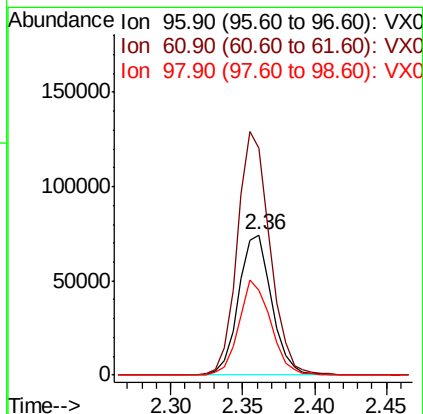
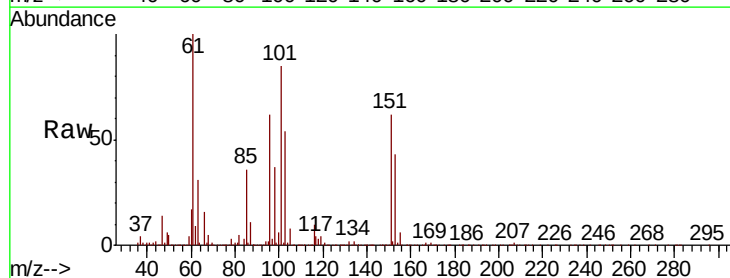
Tot Ion: 59 Resp: 527
Ion Ratio Lower Upper
59 100
57 63.4 8.6 12.8#

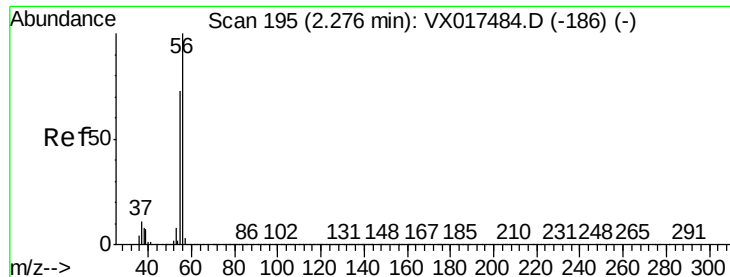


#12

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





#13

Acrolein

Concen: 4.804 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

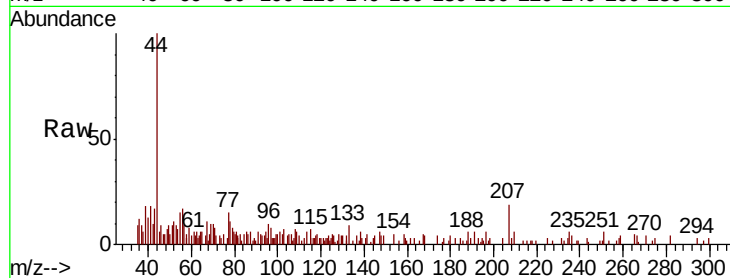
BP-TT-MW180D2-GW-20200722

Tot Ion: 56 Resp: 714

Ion Ratio Lower Upper

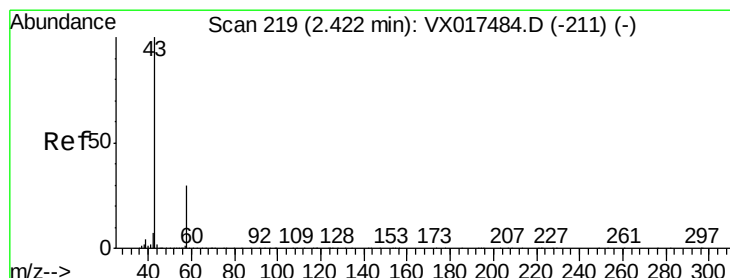
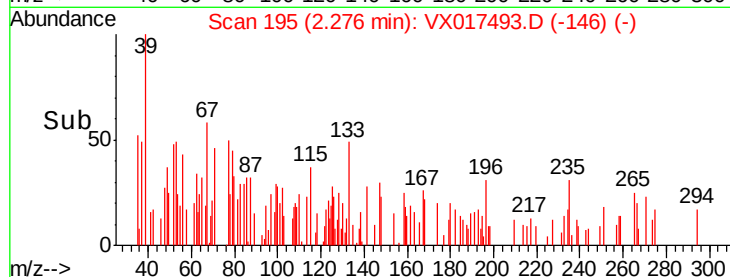
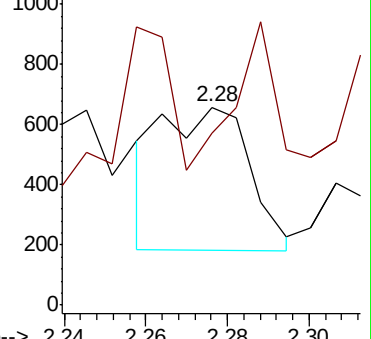
56 100

55 67.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.301 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017493.D

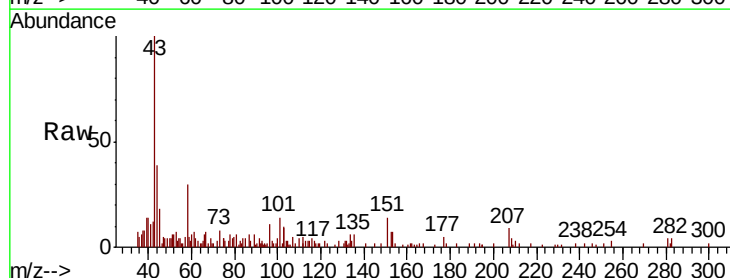
Acq: 23 Jul 2020 15:36

Tgt Ion: 43 Resp: 6742

Ion Ratio Lower Upper

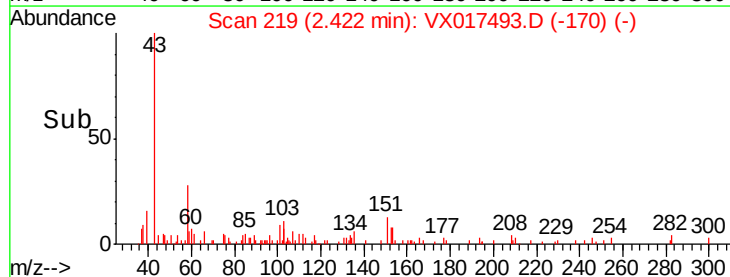
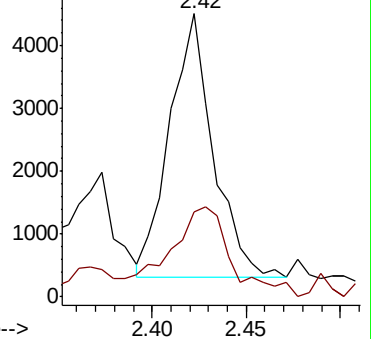
43 100

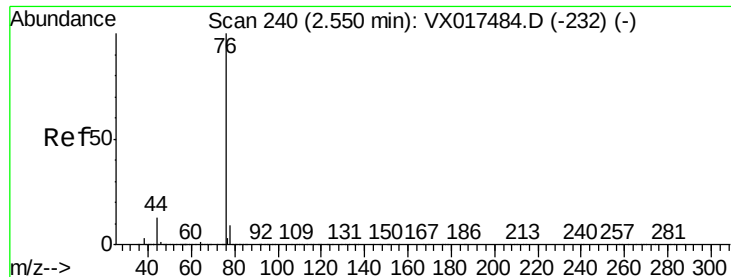
58 26.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.319 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

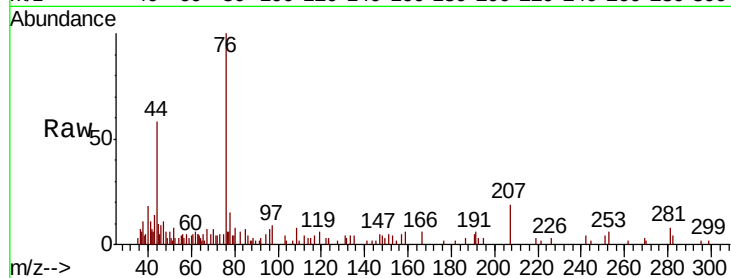
BP-TT-MW180D2-GW-20200722

Tot Ion: 76 Resp: 5190

Ion Ratio Lower Upper

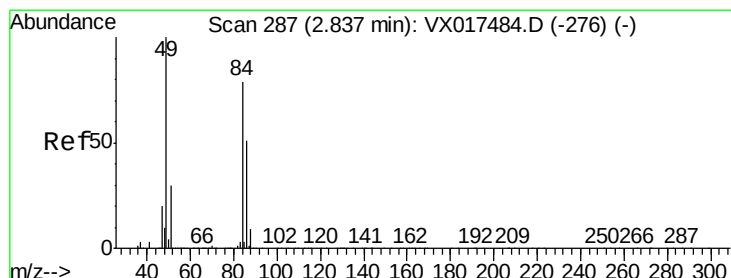
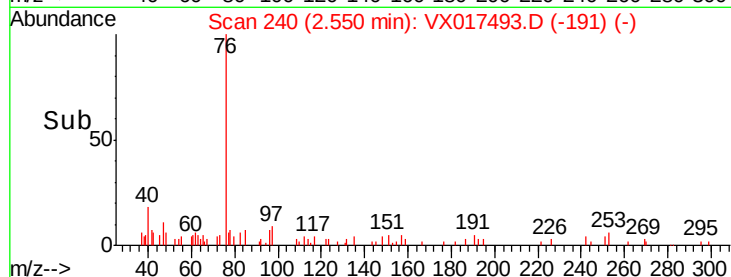
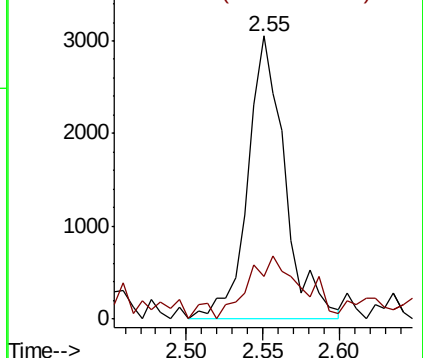
76 100

78 14.9 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Tgt Ion: 84 Resp: 2132

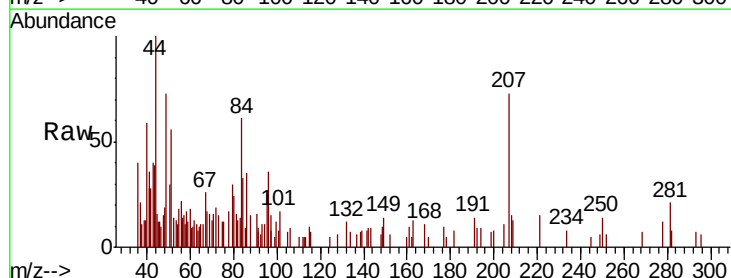
Ion Ratio Lower Upper

84 100

49 55.5 100.3 150.5#

51 68.7 30.5 45.7#

86 37.5 51.1 76.7#

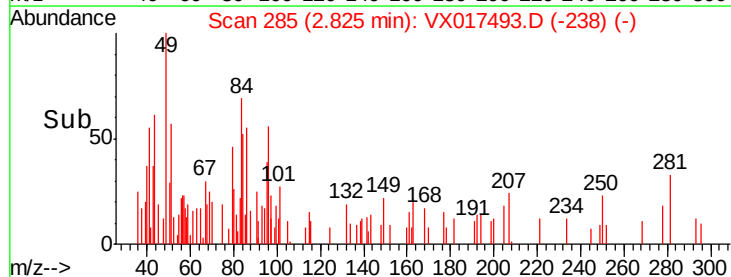
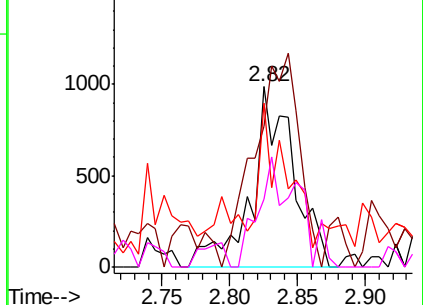


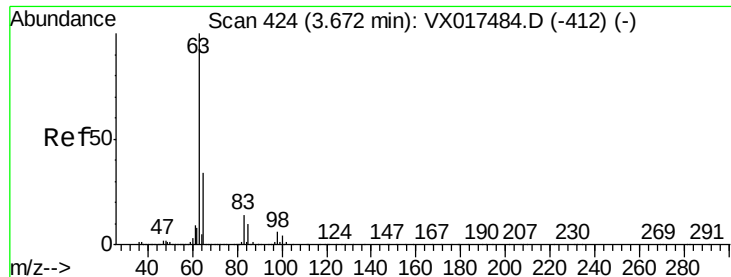
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

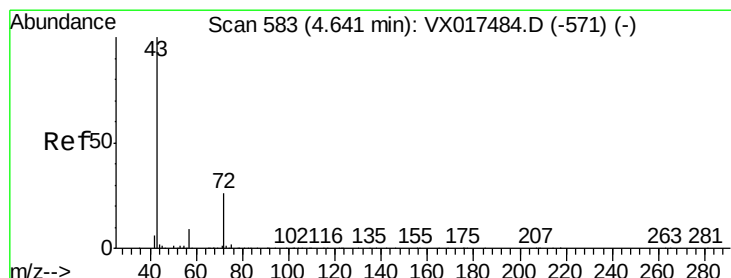
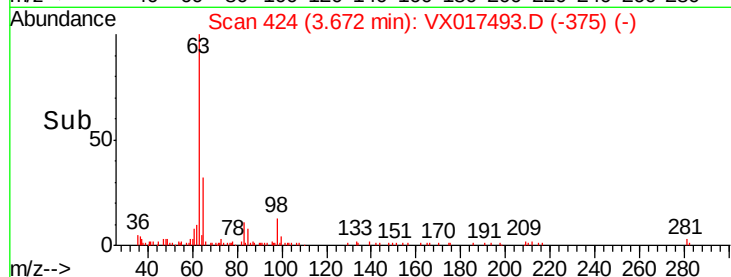
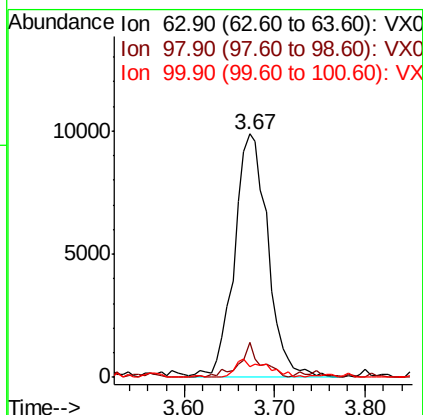
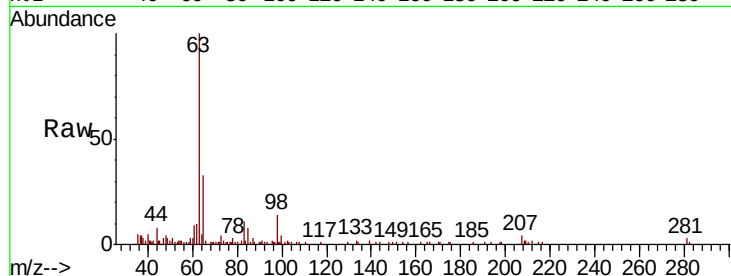




#24
 1,1-Dichloroethane
 Concen: 2.462 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

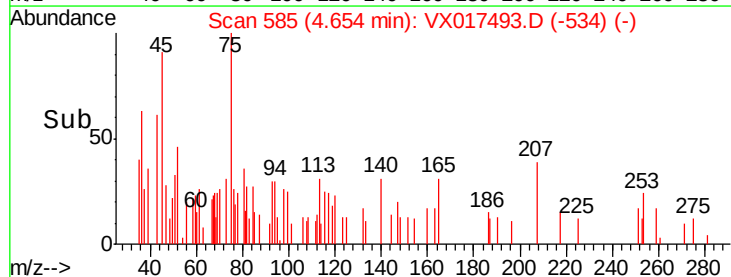
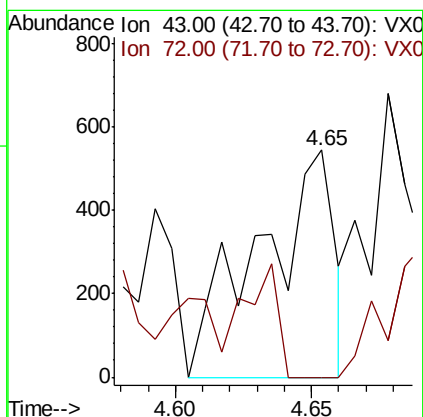
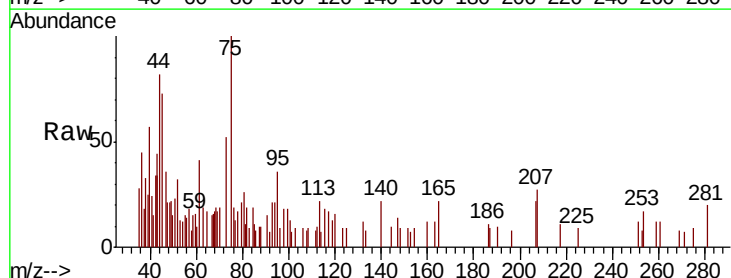
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

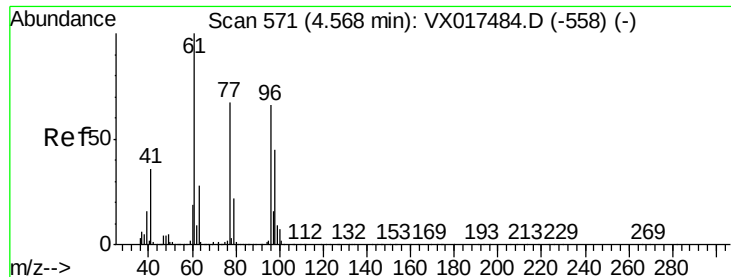
Tot Ion: 63 Resp: 25341
 Ion Ratio Lower Upper
 63 100
 98 14.1 3.4 10.1#
 100 4.2 1.9 5.7



#25
 2-Butanone
 Concen: 0.250 ug/l
 RT: 4.65 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

Tgt Ion: 43 Resp: 1039
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.0 28.4#



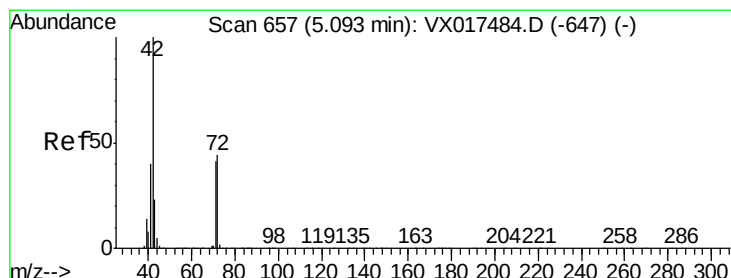
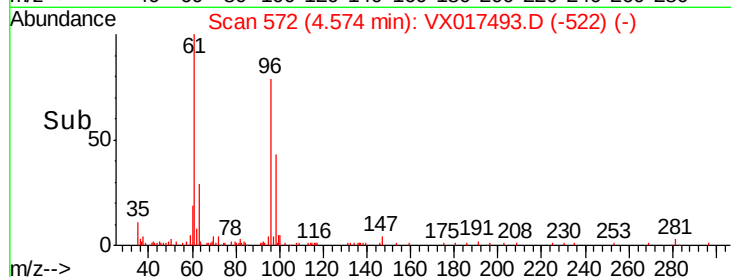
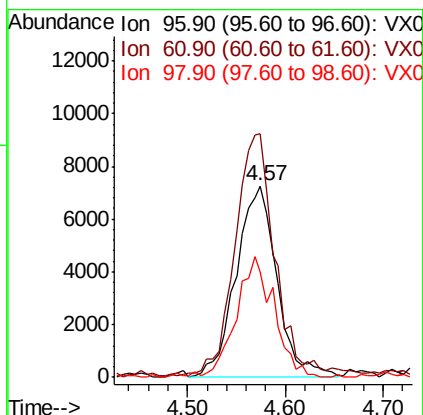
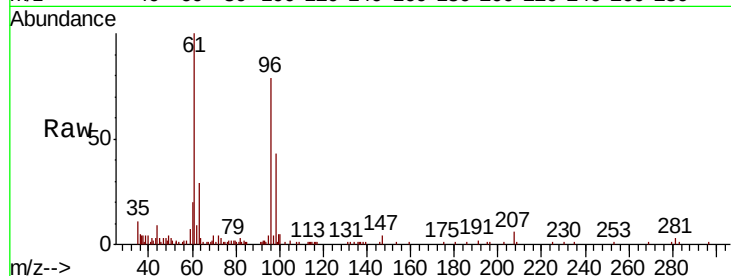


#27

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

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

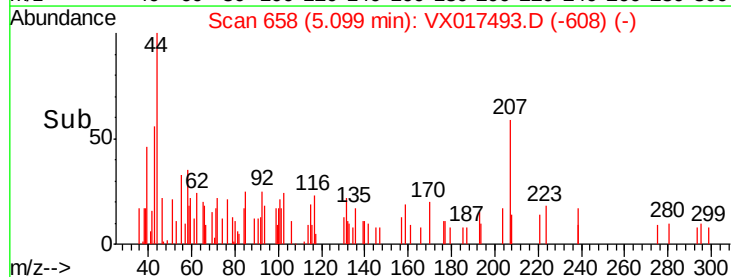
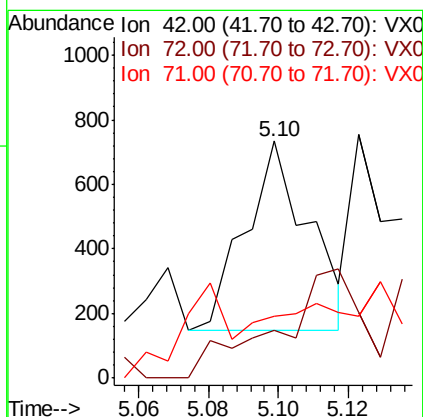
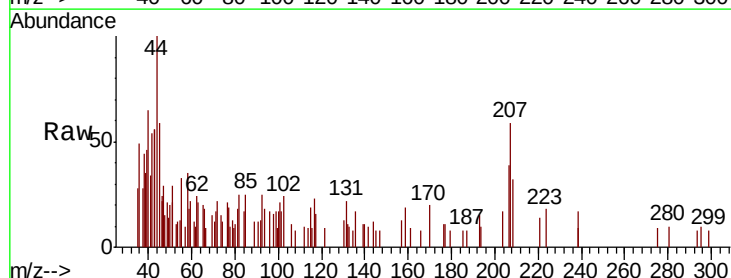
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	301.2
98	58.3	0.0	130.0

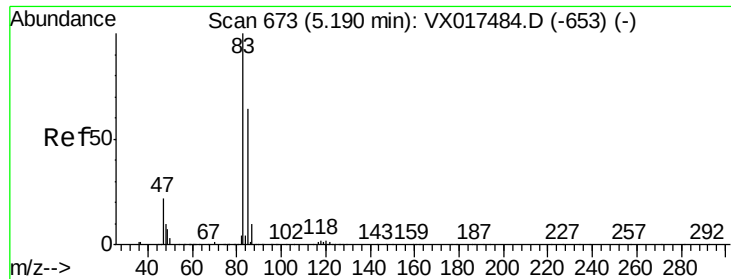


#29

Tetrahydrofuran
 Concen: 0.286 ug/l
 RT: 5.10 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

Tgt Ion	Ratio	Lower	Upper
42	100		
72	75.5	35.5	53.3#
71	0.0	33.0	49.4#

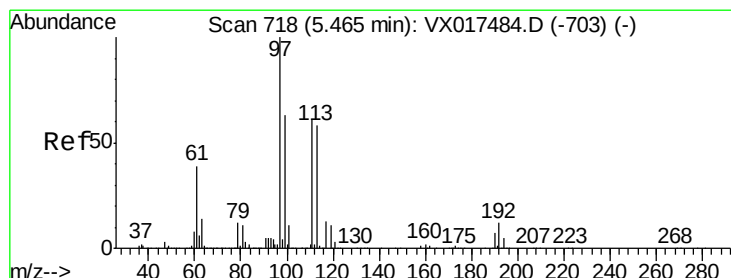
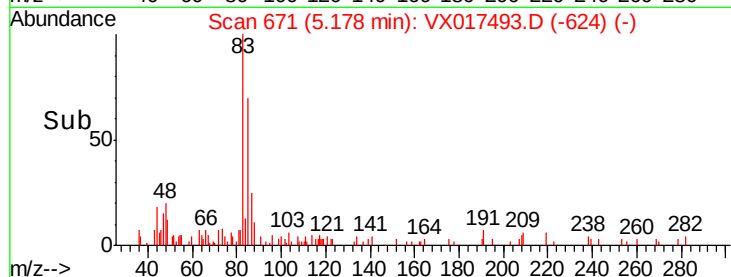
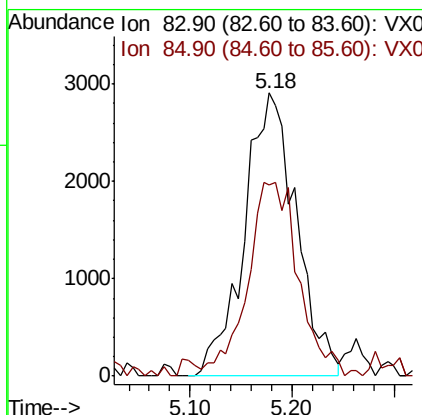
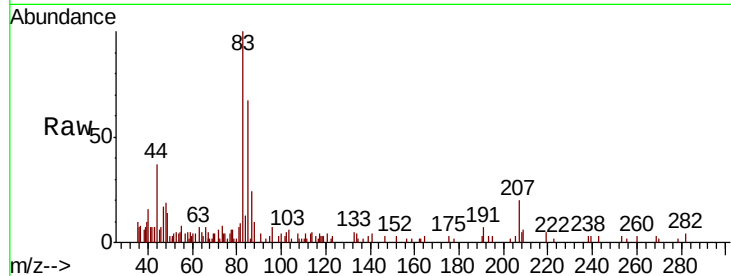




#30
Chloroform
Concen: 0.977 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

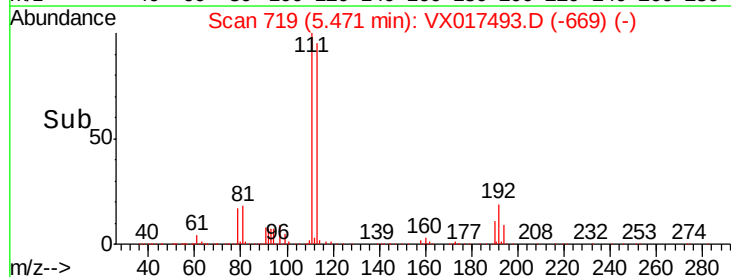
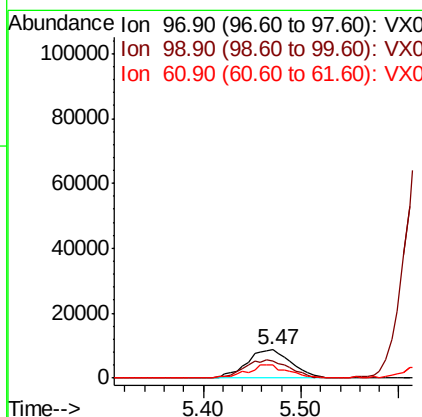
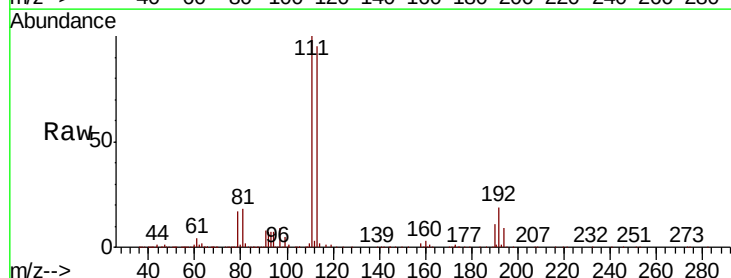
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW180D2-GW-20200722

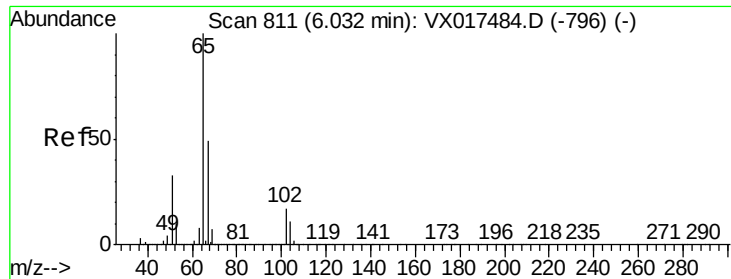
Tot Ion: 83 Resp: 10279
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2



#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

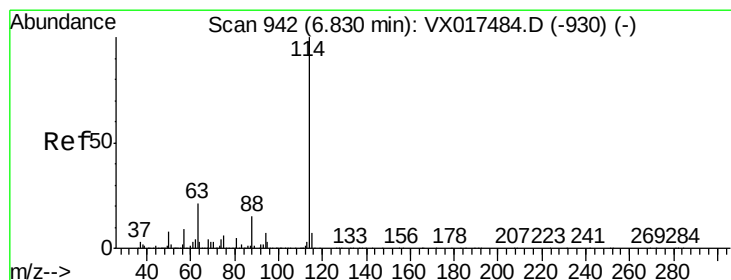
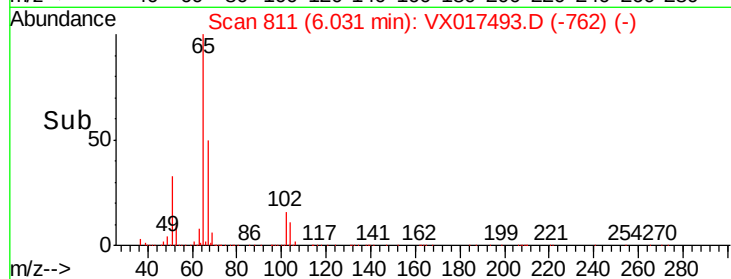
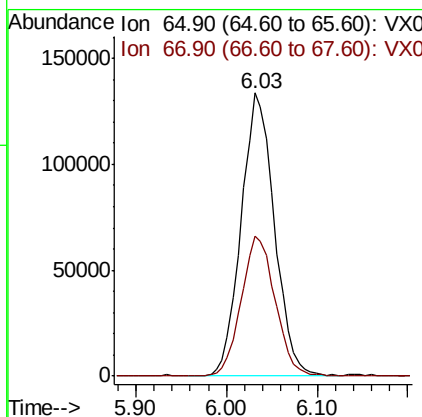
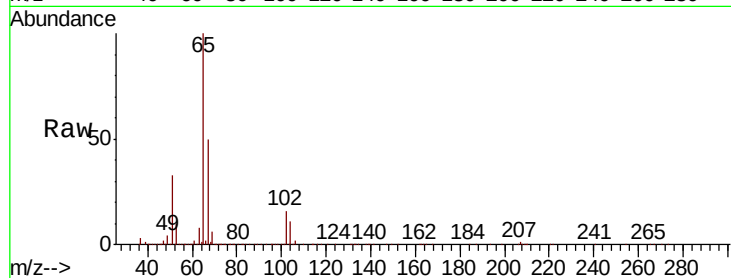




#33
 1,2-Dichloroethane-d4
 Concen: 50.817 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

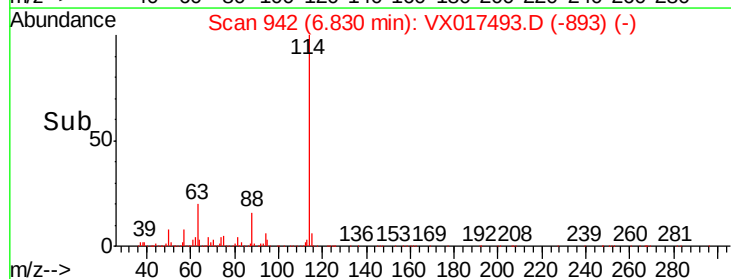
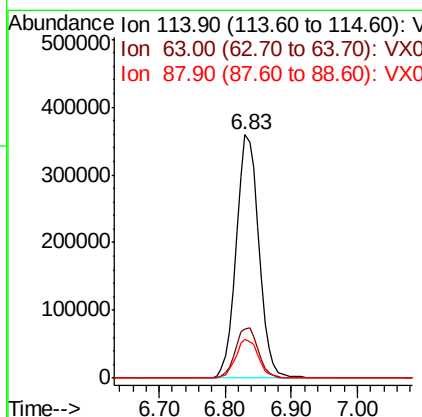
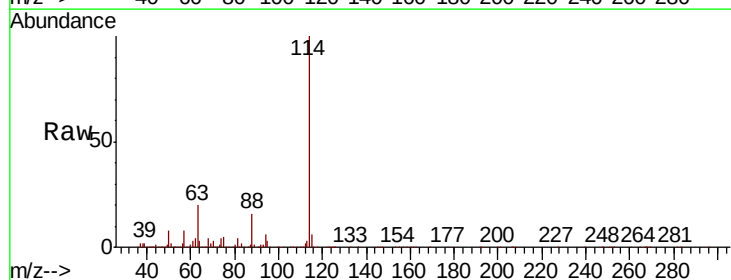
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

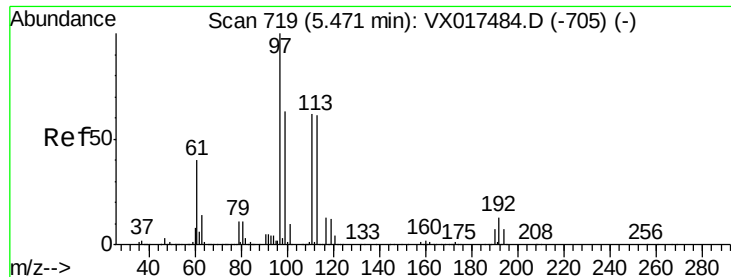
Tot Ion: 65 Resp: 338221
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#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

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

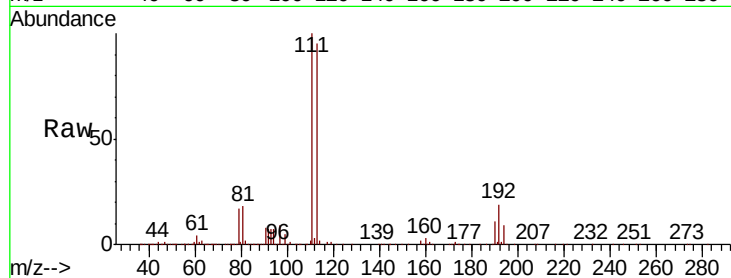
Tot Ion:113 Resp: 277518

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

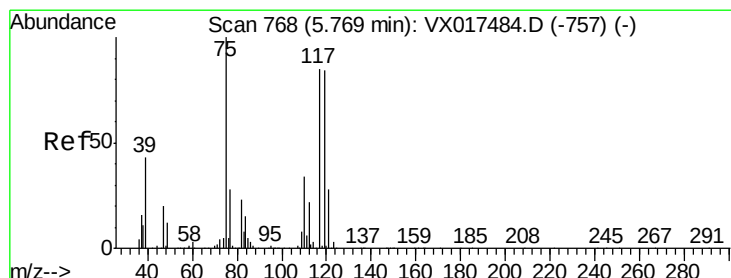
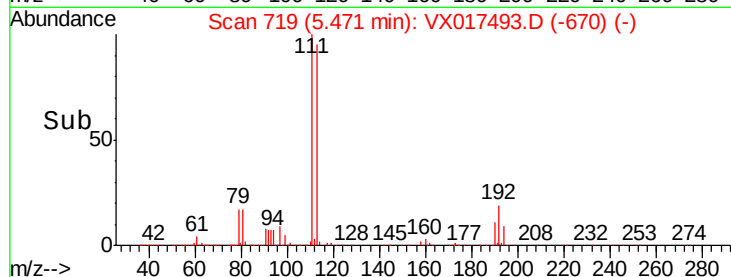
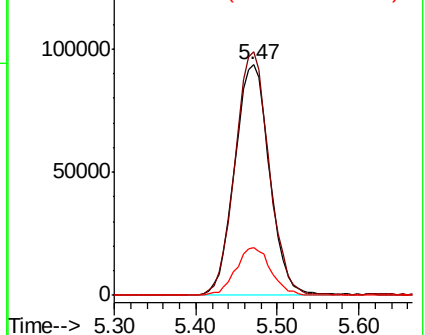
192 20.7 16.9 25.3



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



#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

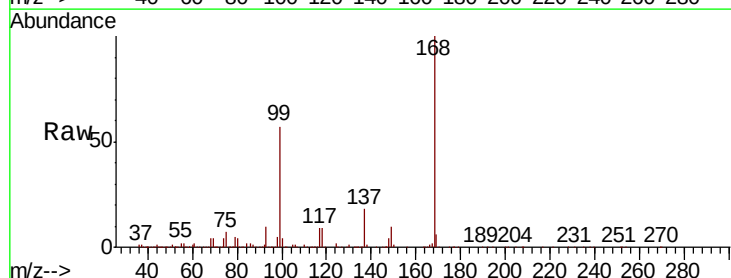
Tgt Ion: 75 Resp: 36826

Ion Ratio Lower Upper

75 100

110 12.4 18.1 54.3#

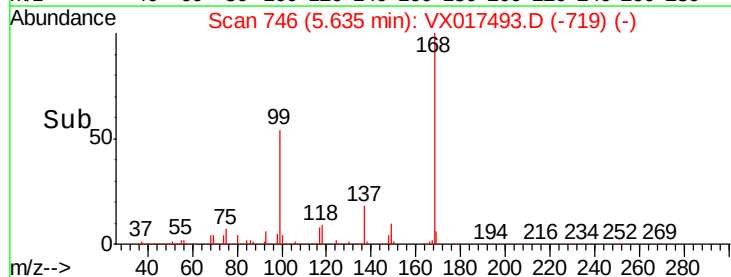
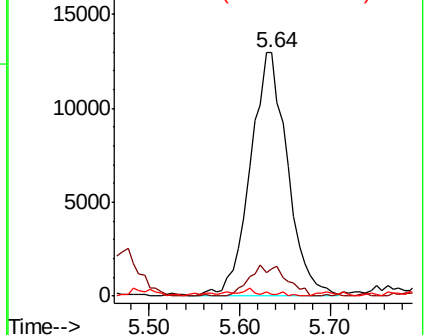
77 0.0 24.6 37.0#

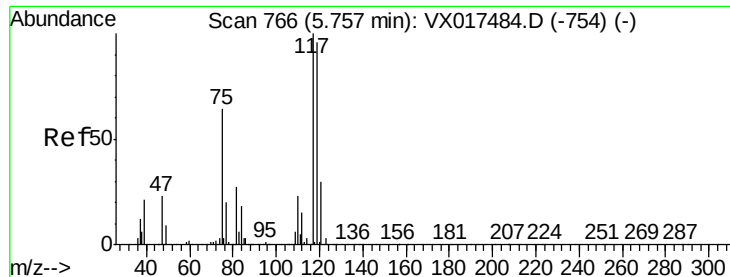


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

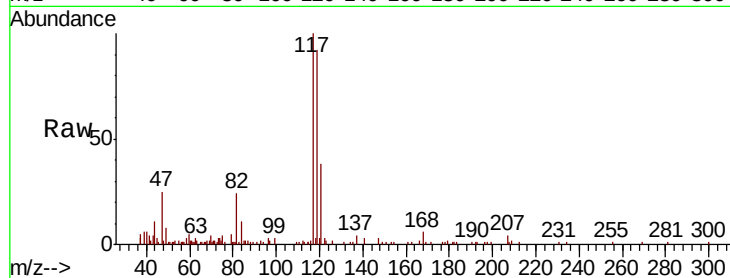
Tot Ion:117 Resp: 23441

Ion Ratio Lower Upper

117 100

119 92.0 75.4 113.0

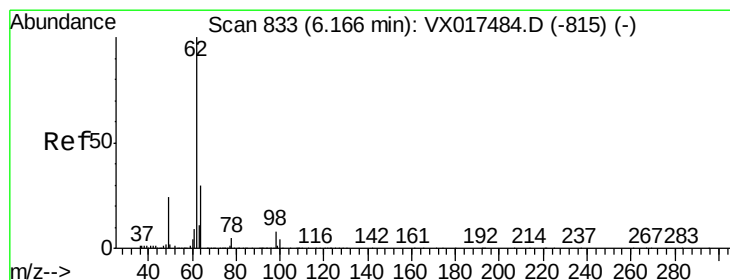
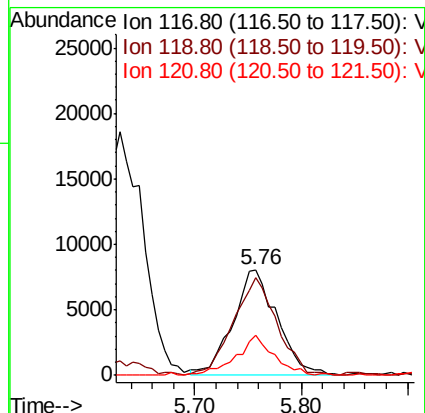
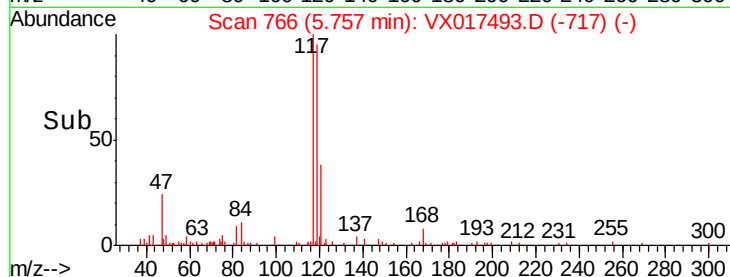
121 37.7 24.3 36.5#



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



#42

1,2-Dichloroethane

Concen: 0.326 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX017493.D

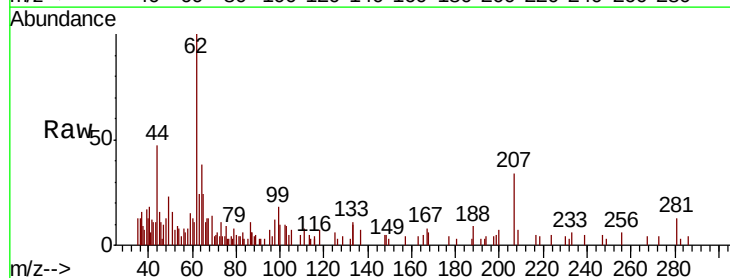
Acq: 23 Jul 2020 15:36

Tgt Ion: 62 Resp: 3127

Ion Ratio Lower Upper

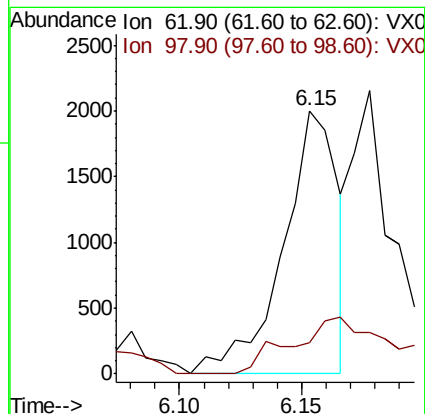
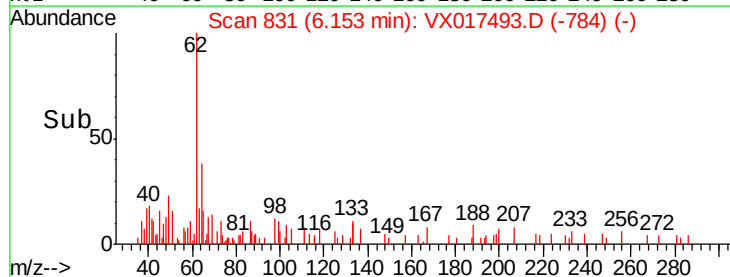
62 100

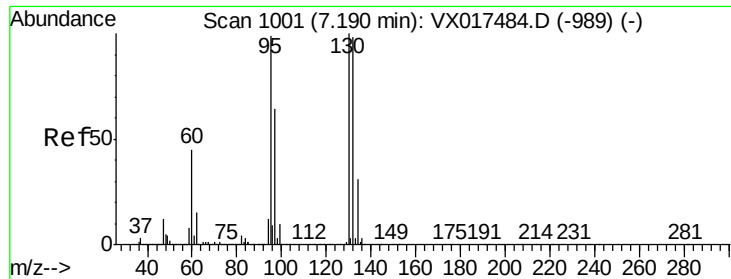
98 36.7 0.0 16.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#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 :

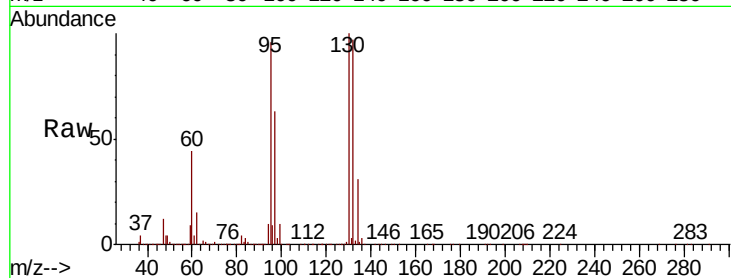
BP-TT-MW180D2-GW-20200722

Tot Ion:130 Resp: 2558801

Ion Ratio Lower Upper

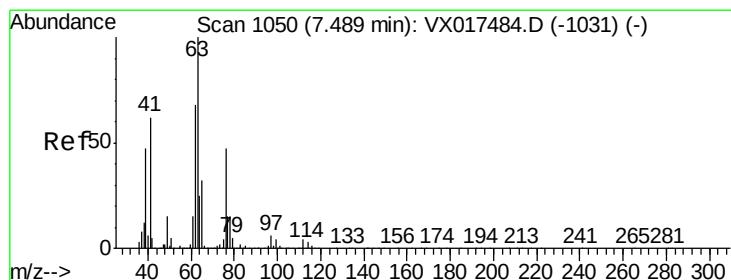
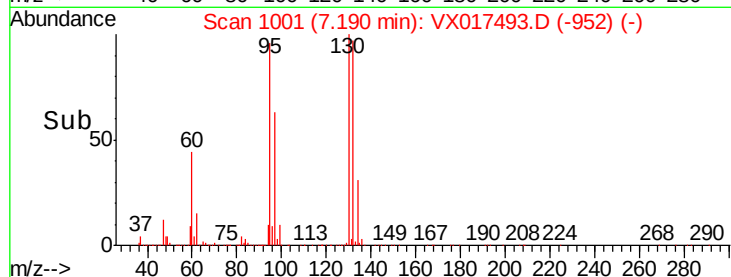
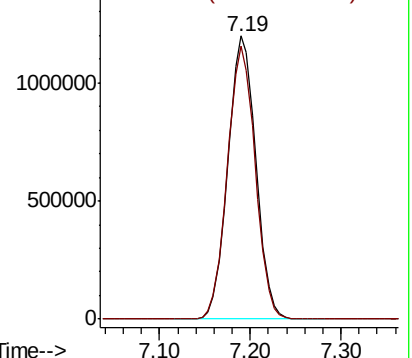
130 100

95 96.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.288 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017493.D

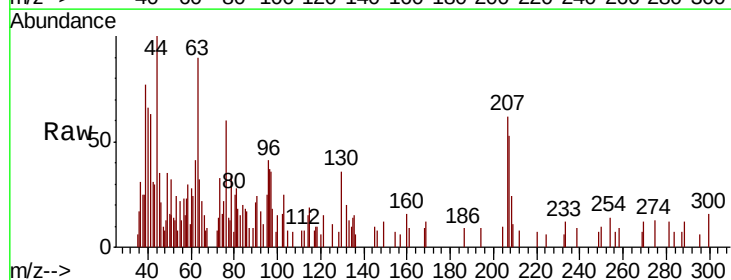
Acq: 23 Jul 2020 15:36

Tgt Ion: 63 Resp: 1870

Ion Ratio Lower Upper

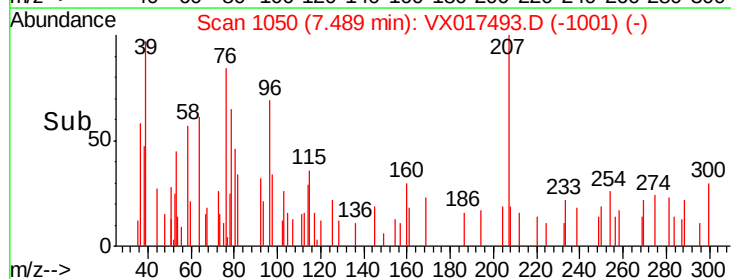
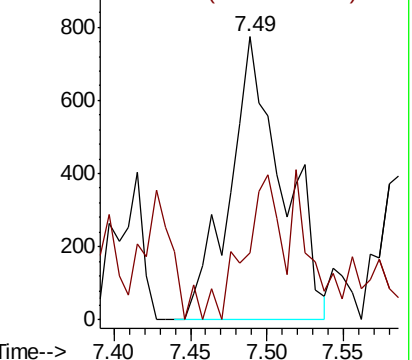
63 100

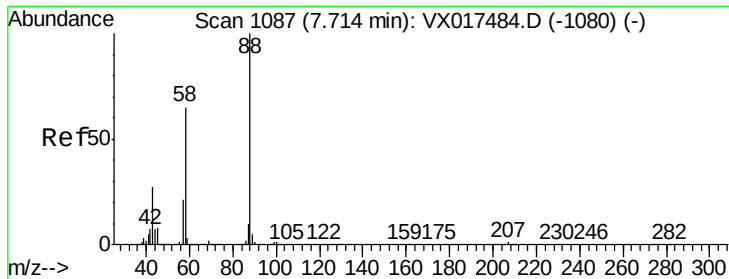
65 13.8 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

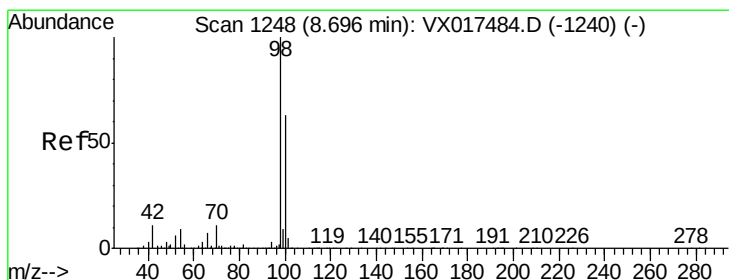
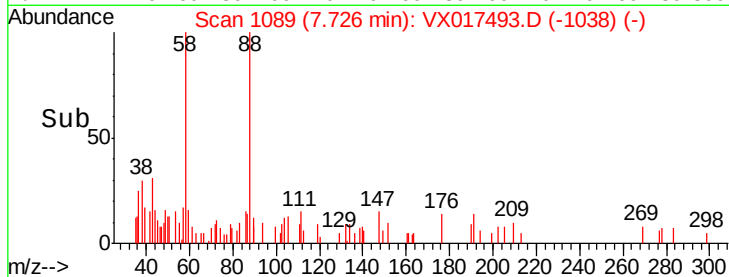
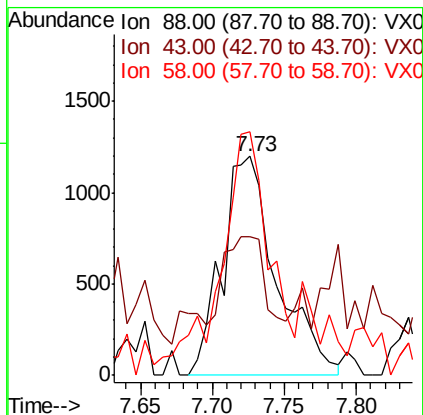
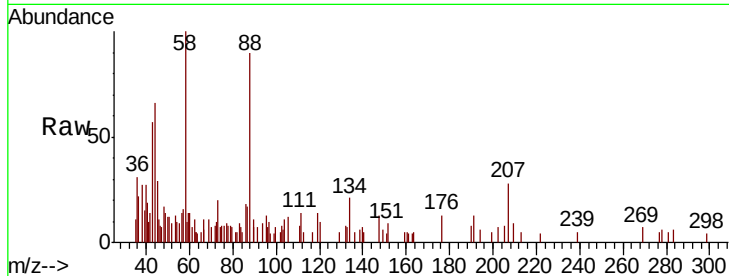
Tot Ion: 88 Resp: 3173

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

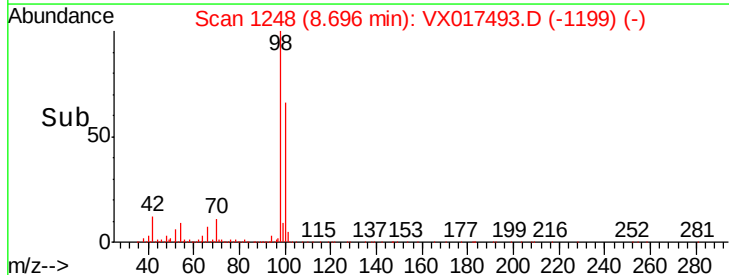
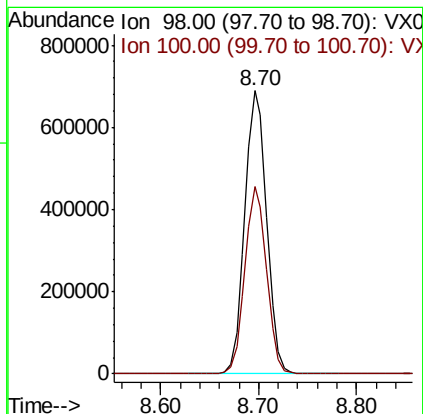
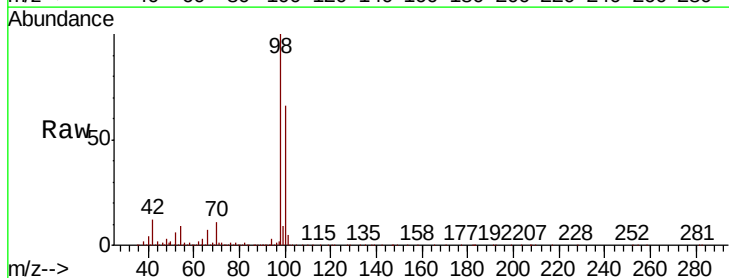
Acq: 23 Jul 2020 15:36

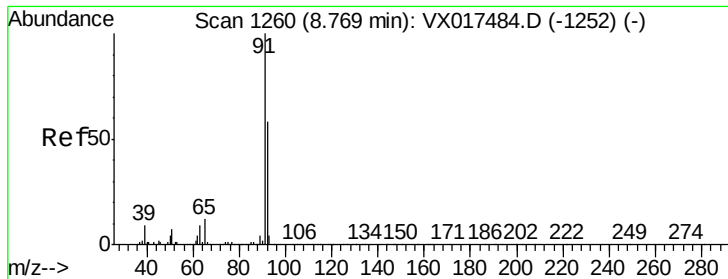
Tgt Ion: 98 Resp: 1071127

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

Instrument :

MSVOA_X

ClientSampleId :

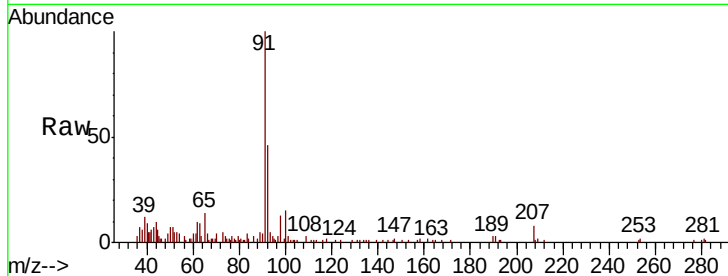
BP-TT-MW180D2-GW-20200722

Tot Ion: 92 Resp: 5052

Ion Ratio Lower Upper

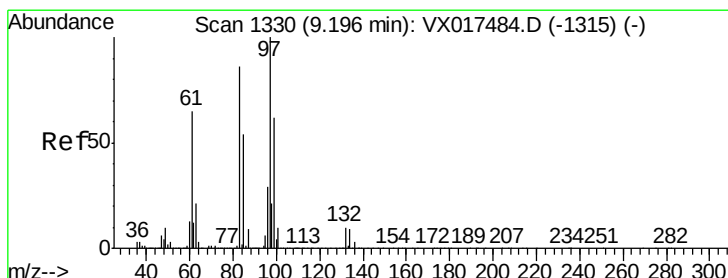
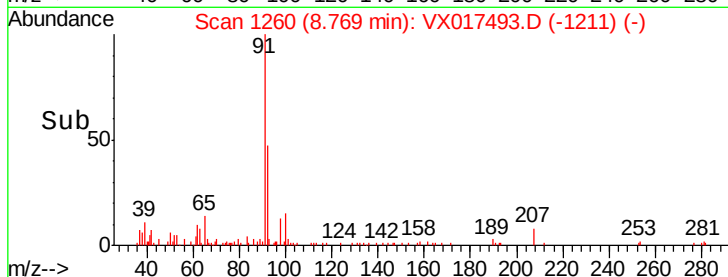
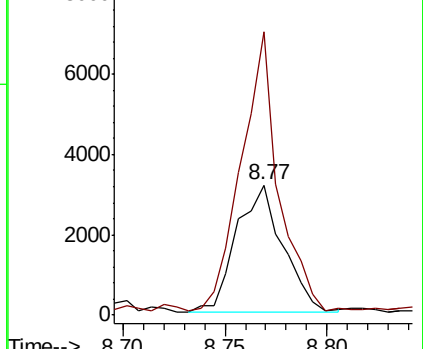
92 100

91 178.6 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#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

Tgt Ion: 97 Resp: 7218

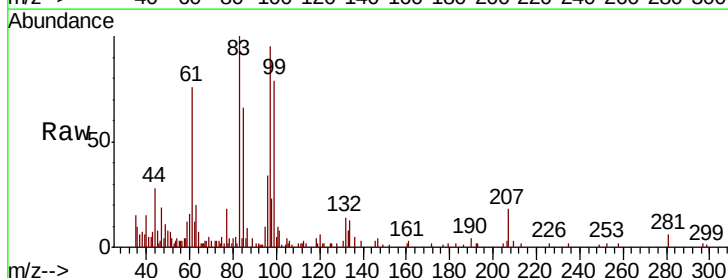
Ion Ratio Lower Upper

97 100

83 104.2 67.6 101.4#

85 66.8 44.6 67.0

99 83.6 50.2 75.4#

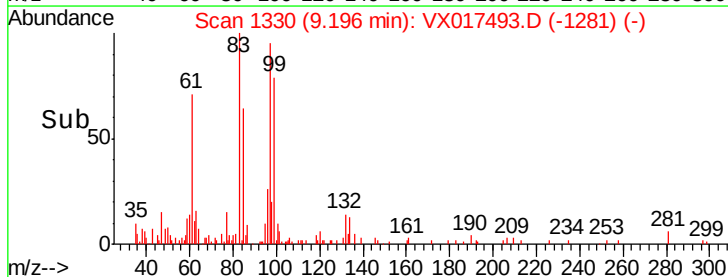
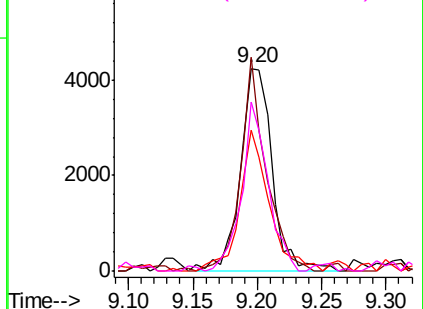


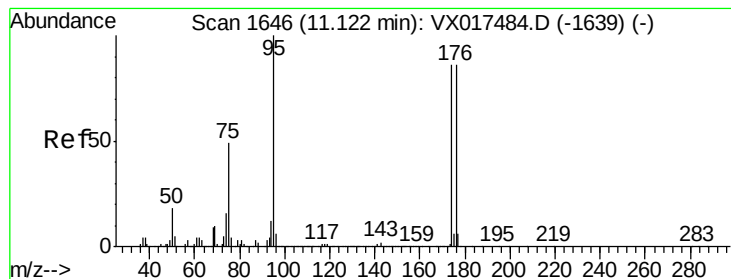
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722

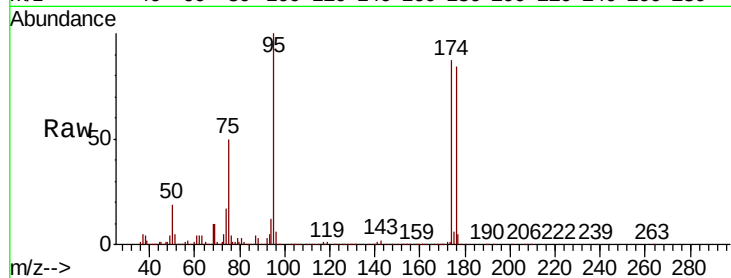
Tot Ion: 95 Resp: 450757

Ion Ratio Lower Upper

95 100

174 84.0 0.0 169.0

176 82.0 0.0 161.0



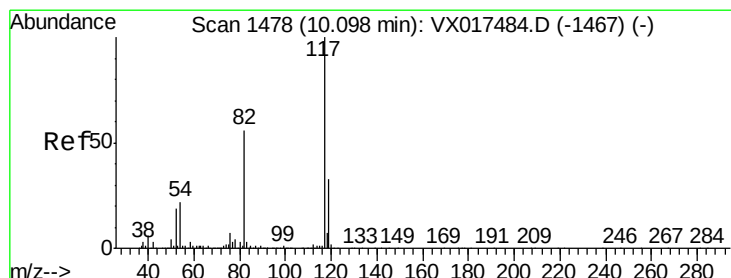
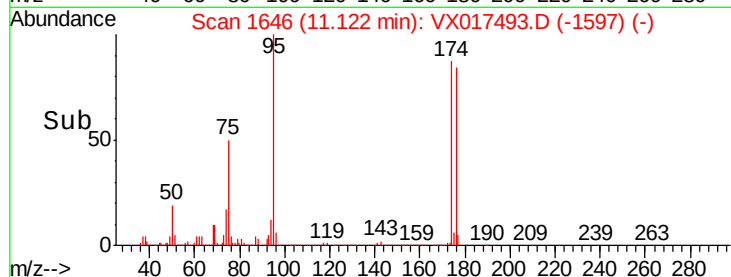
Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

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

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

11.12

Time--> 11.00 11.10 11.20



#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

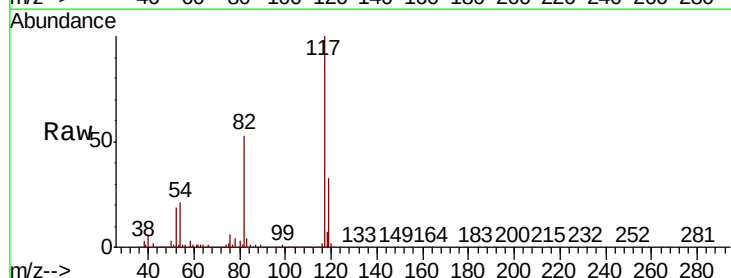
Tgt Ion: 117 Resp: 912859

Ion Ratio Lower Upper

117 100

82 52.8 44.0 66.0

119 32.6 25.4 38.0



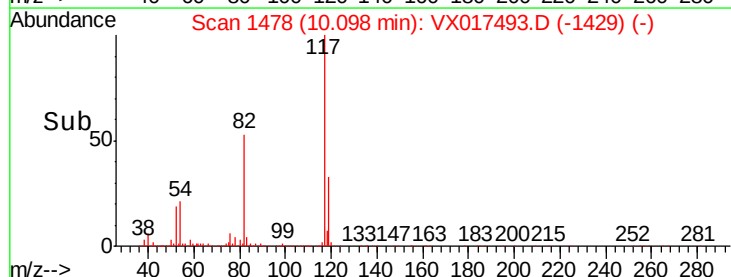
Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

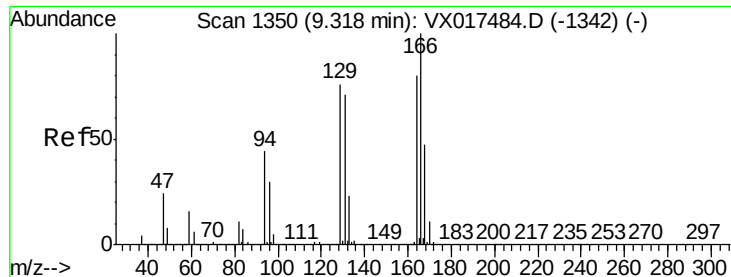
Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

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

10.10

Time--> 10.00 10.05 10.10 10.15

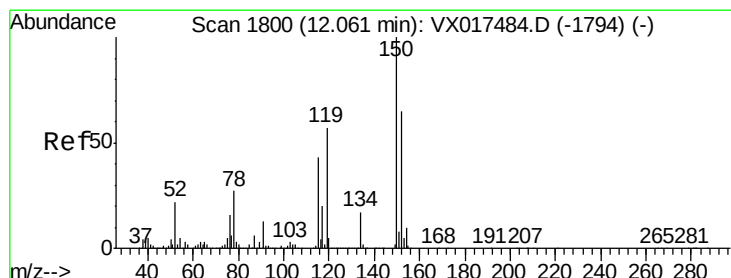
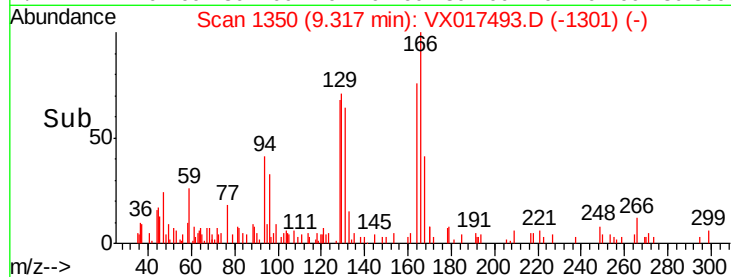
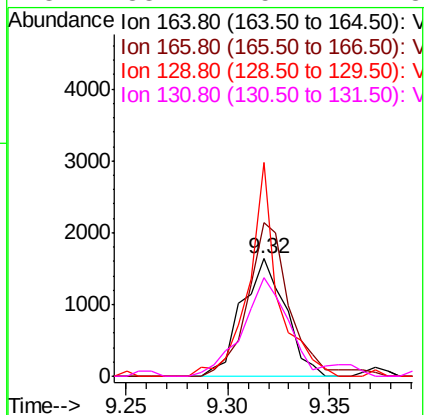
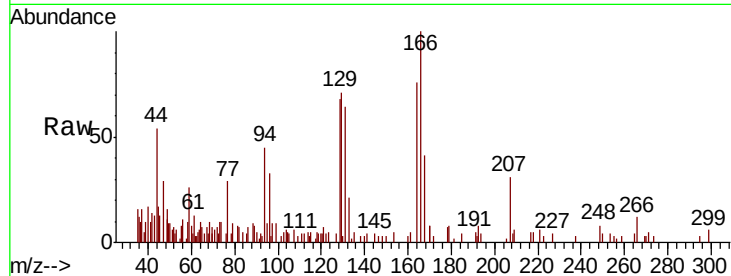




#64
Tetrachloroethene
Concen: 0.298 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017493.D
Acq: 23 Jul 2020 15:36

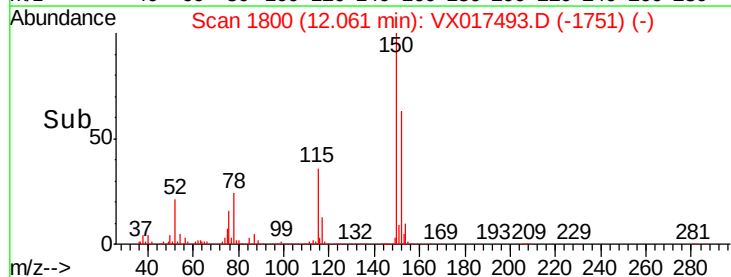
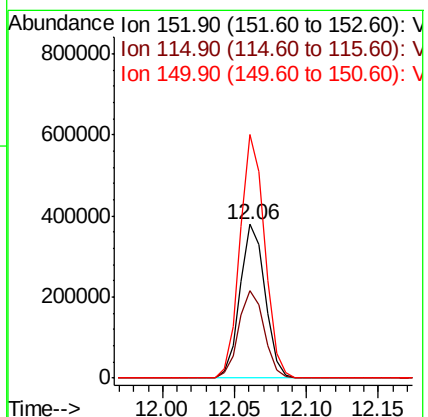
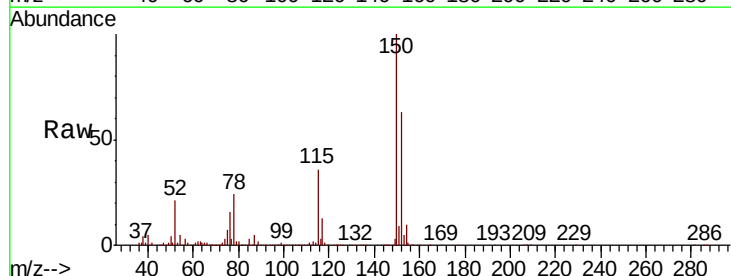
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW180D2-GW-20200722

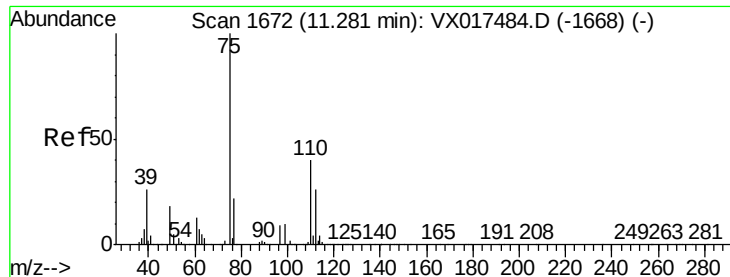
Tot Ion:164 Resp: 2442
Ion Ratio Lower Upper
164 100
166 131.3 100.6 150.8
129 182.3 75.0 112.6#
131 83.7 75.2 112.8



#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

Tgt Ion:152 Resp: 459793
Ion Ratio Lower Upper
152 100
115 57.7 65.5 196.6#
150 156.1 0.0 412.6





#76

1,2,3-Trichloropropane

Concen: 24.107 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

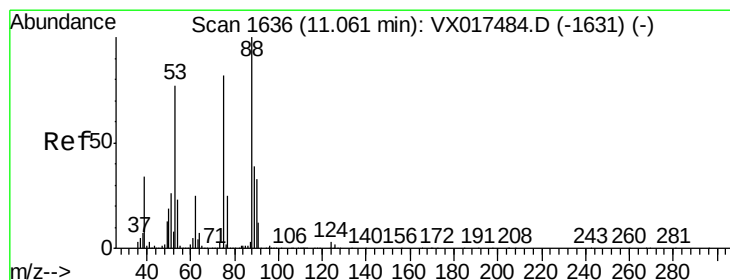
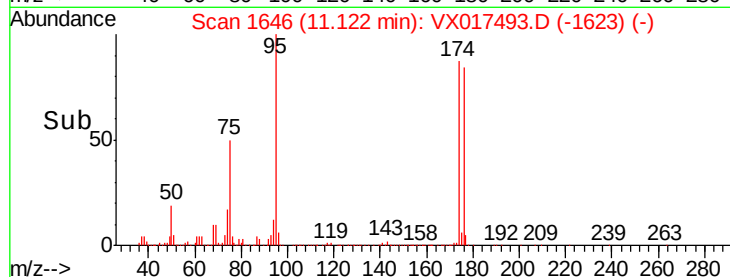
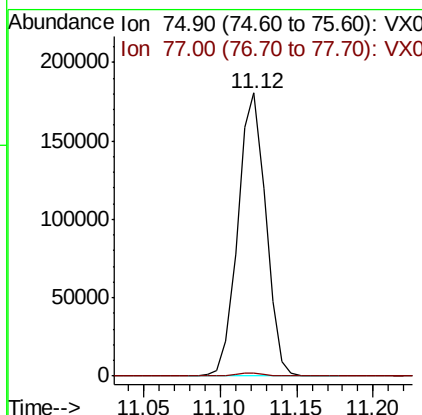
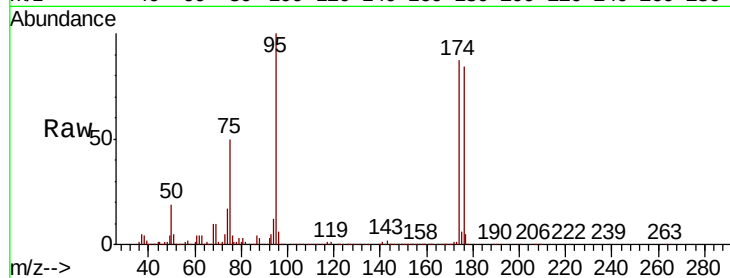
BP-TT-MW180D2-GW-20200722

Tot Ion: 75 Resp: 228005

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.744 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017493.D

Acq: 23 Jul 2020 15:36

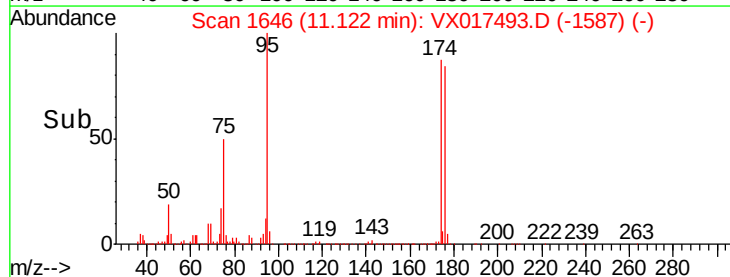
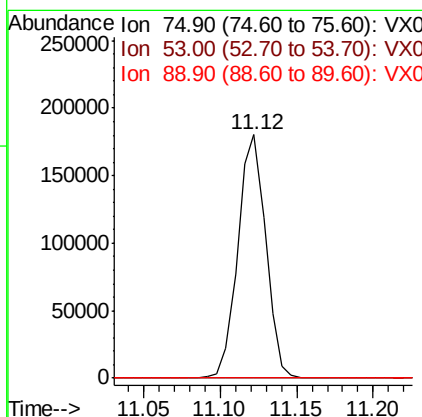
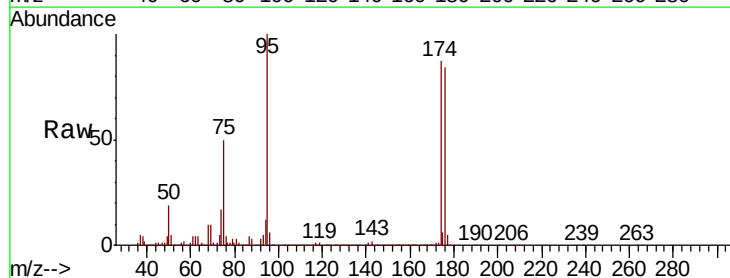
Tgt Ion: 75 Resp: 228005

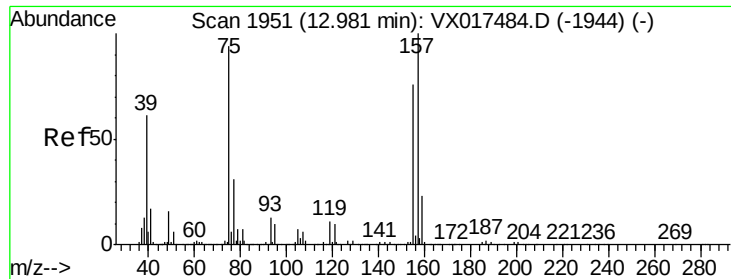
Ion Ratio Lower Upper

75 100

53 0.3 75.9 113.9#

89 0.0 37.8 56.6#

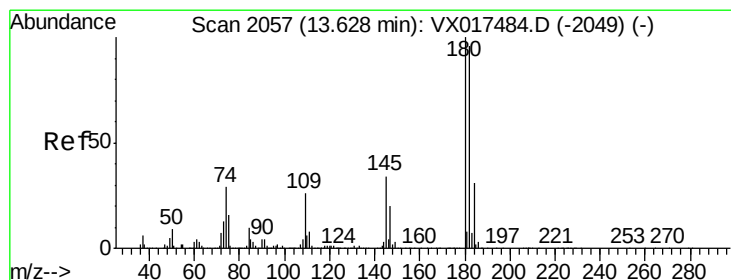
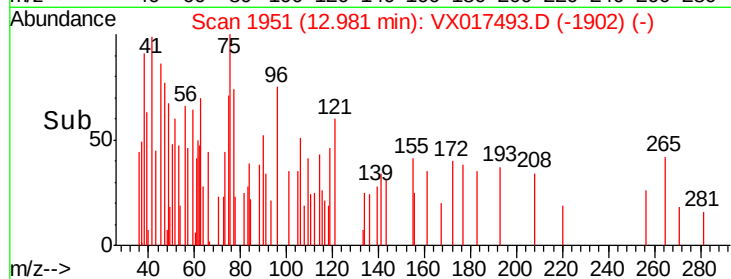
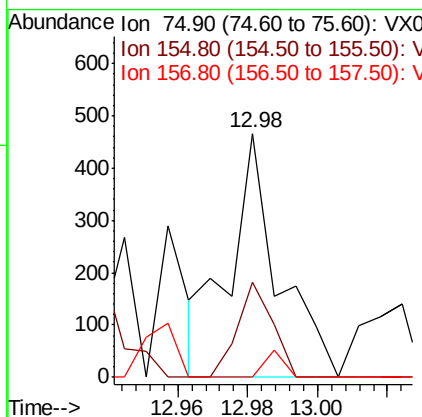
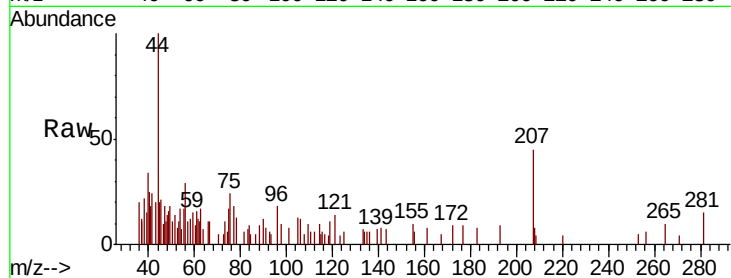




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.730 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

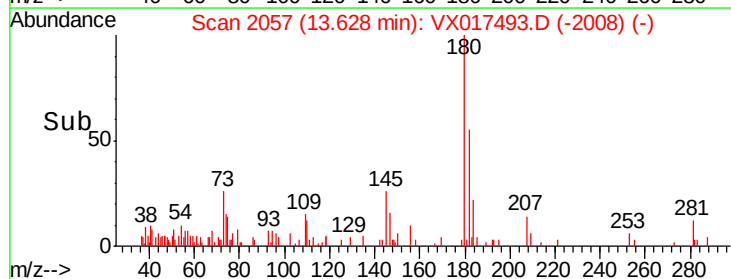
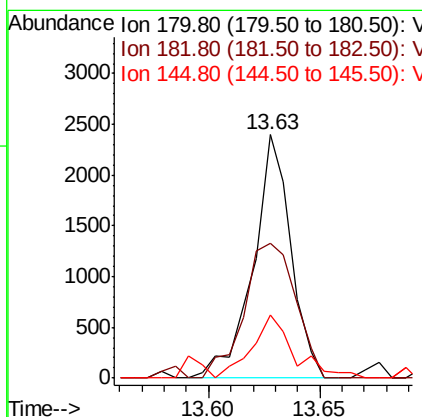
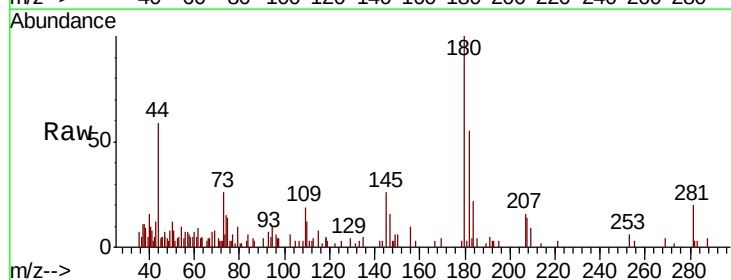
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

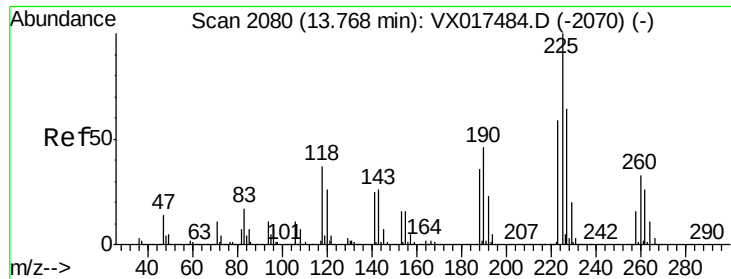
Tot Ion: 75 Resp: 451
 Ion Ratio Lower Upper
 75 100
 155 28.2 42.3 126.8#
 157 4.2 54.3 162.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.278 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017493.D
 Acq: 23 Jul 2020 15:36

Tgt Ion: 180 Resp: 2826
 Ion Ratio Lower Upper
 180 100
 182 75.6 47.5 142.6
 145 29.2 15.4 46.4





#94

Hexachlorobutadiene

Concen: 0.224 ug/l

RT: 13.76 min Scan# 2079

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: 225 Resp: 1047

Ion Ratio Lower Upper

225 100

223 69.2 30.3 90.9

227 62.8 31.1 93.2

