

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014245.D
 Acq On : 24 Dec 2019 15:15
 Operator : JC/SP
 Sample : K6406-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-WATER_12.20.19

Quant Time: Dec 25 05:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	538616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347884	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	296714	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	245850	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	975965	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	334869	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1277	0.265	ug/l	98
3) Chloromethane	1.32	50	1955	0.302	ug/l #	85
5) Bromomethane	1.64	94	5411	1.117	ug/l	92
6) Chloroethane	1.61	64	2375	0.564	ug/l #	71
10) Methyl Iodide	2.51	142	4732	3.289	ug/l #	88
11) Tert butyl alcohol	3.02	59	4707	3.569	ug/l #	90
12) 1,1-Dichloroethene	2.37	96	1664	0.321	ug/l #	76
13) Acrolein	2.30	56	450	0.596	ug/l #	66
16) Acetone	2.43	43	24051	6.069	ug/l	95
17) Carbon Disulfide	2.56	76	12034	1.574	ug/l #	92
21) trans-1,2-Dichloroethene	3.15	96	1383	0.242	ug/l #	62
24) 1,1-Dichloroethane	3.69	63	2492	0.243	ug/l #	57
25) 2-Butanone	4.67	43	11835	2.422	ug/l #	84
27) cis-1,2-Dichloroethene	4.58	96	1745	0.270	ug/l	55
28) Bromochloromethane	5.00	49	918	0.684	ug/l #	38
29) Tetrahydrofuran	5.13	42	5168	1.891	ug/l #	78
36) 1,1-Dichloropropene	5.65	75	38165	5.063	ug/l #	50
37) Ethyl Acetate	4.67	43	11835	1.422	ug/l #	78
38) Carbon Tetrachloride	5.65	117	47042	6.851	ug/l #	17
39) Methylcyclohexane	7.46	83	2098	0.225	ug/l #	60
44) Trichloroethene	7.20	130	1801	0.281	ug/l	46
49) 1,4-Dioxane	7.72	88	273	1.989	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	4464	0.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.24	63	2077	0.595	ug/l	92
59) 2-Hexanone	9.43	43	82412	11.834	ug/l #	24
64) Tetrachloroethene	9.33	164	1863	0.283	ug/l #	87
67) Ethyl Benzene	10.25	91	12603	0.463	ug/l #	84
68) m/p-Xylenes	10.35	106	4187	0.400	ug/l	100
70) Styrene	10.71	104	12909	0.743	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	167461	22.173	ug/l #	39
77) Bromobenzene	11.25	156	1541	0.229	ug/l	67
81) trans-1,4-Dichloro-2-buten	11.13	75	167461	62.584	ug/l #	12
87) 1,3-Dichlorobenzene	12.03	146	3289	0.278	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	3450	0.287	ug/l	97

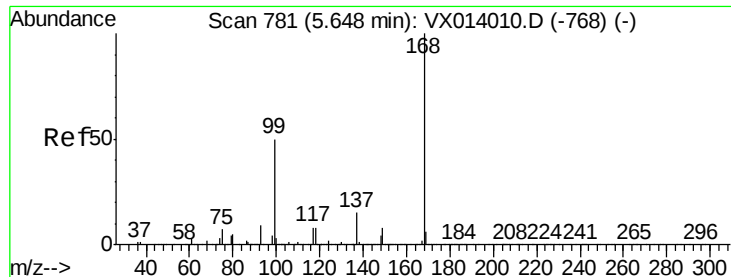
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
Data File : VX014245.D
Acq On : 24 Dec 2019 15:15
Operator : JC/SP
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Quant Time: Dec 25 05:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	4719	0.255	ug/l	71
91) 1,2-Dichlorobenzene	12.39	146	3223	0.271	ug/l	88
93) 1,2,4-Trichlorobenzene	13.64	180	4577	0.592	ug/l #	91
94) Hexachlorobutadiene	13.77	225	1780	0.479	ug/l	89
95) Naphthalene	13.83	128	13515	0.595	ug/l #	86

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

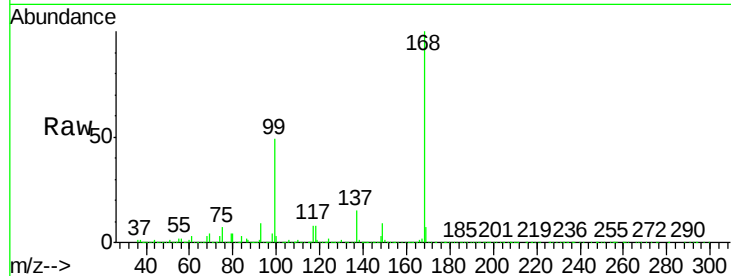


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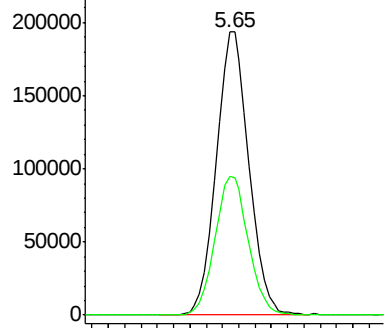
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014245.D
 Acq: 24 Dec 2019 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 C-WATER_12.20.19

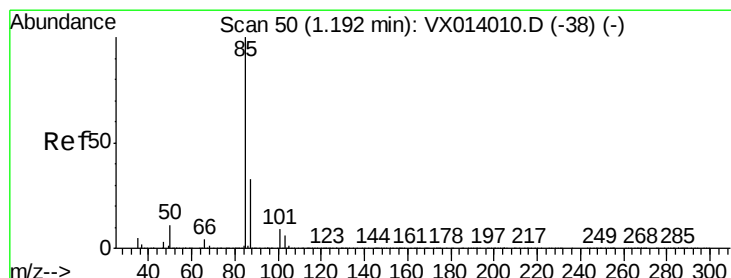
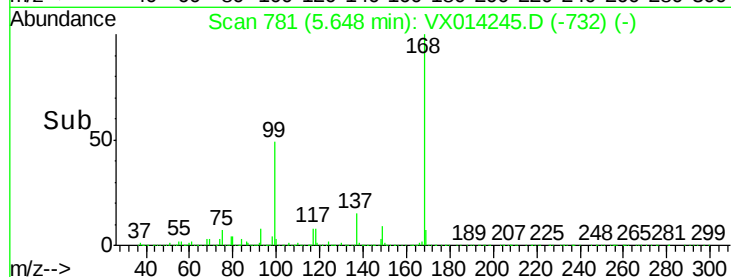
Tgt Ion: 168 Resp: 538616
 Ion Ratio Lower Upper
 168 100
 99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



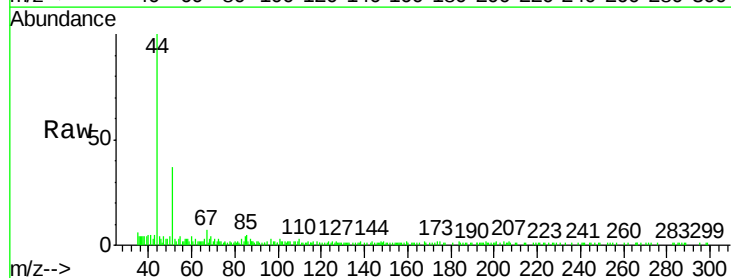
Time-->



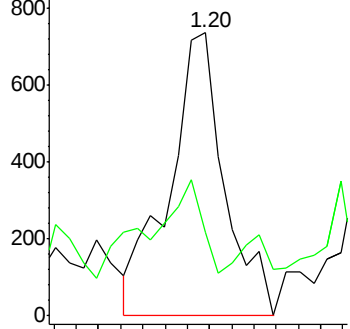
#2

Dichlorodifluoromethane
 Concen: 0.265 ug/l
 RT: 1.20 min Scan# 51
 Delta R.T. 0.01 min
 Lab File: VX014245.D
 Acq: 24 Dec 2019 15:15

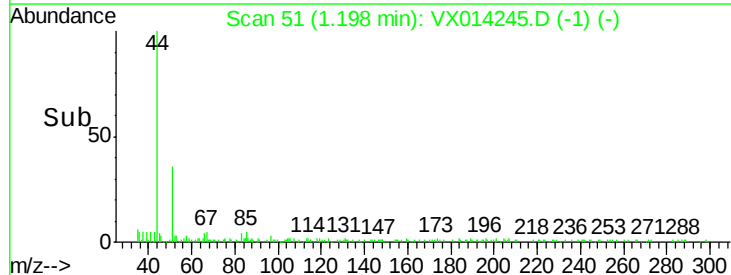
Tgt Ion: 85 Resp: 1277
 Ion Ratio Lower Upper
 85 100
 87 34.1 16.4 49.2

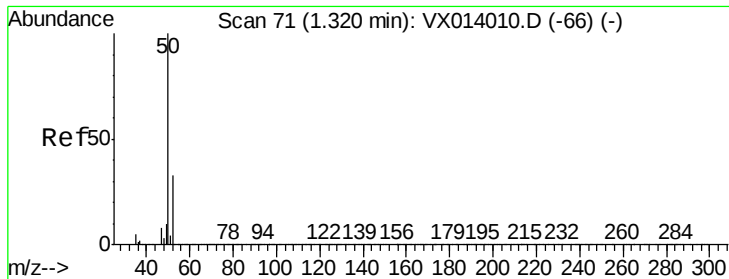


Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 0.302 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

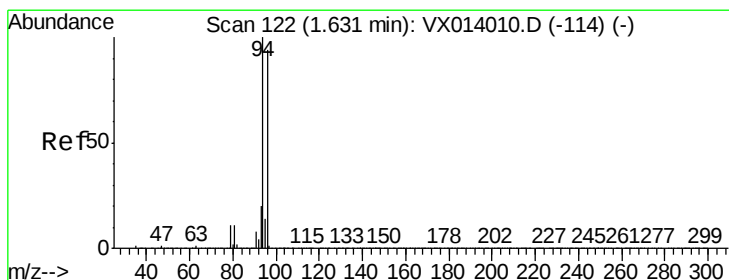
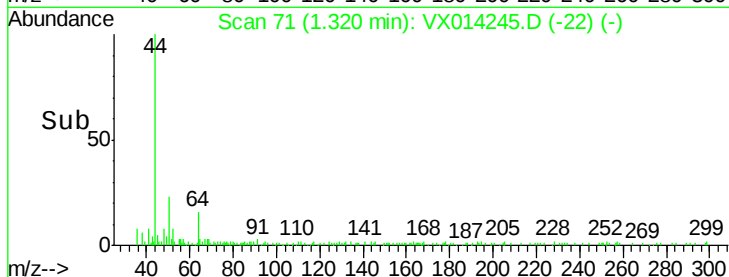
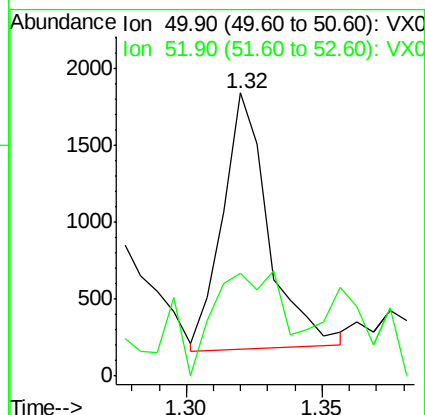
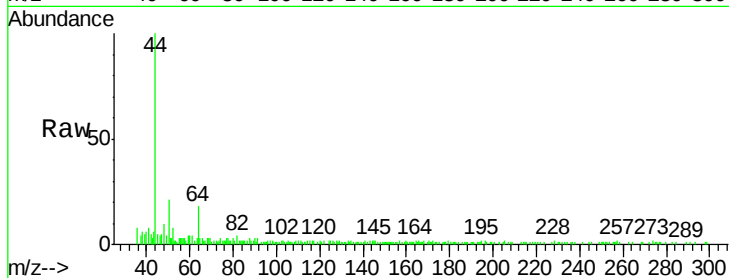
C-WATER_12.20.19

Tgt Ion: 50 Resp: 1955

Ion Ratio Lower Upper

50 100

52 41.3 26.2 39.4#



#5

Bromomethane

Concen: 1.117 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014245.D

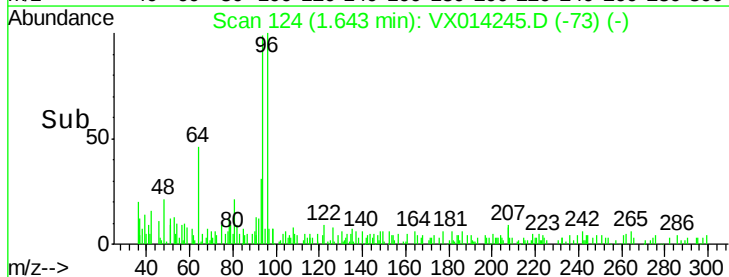
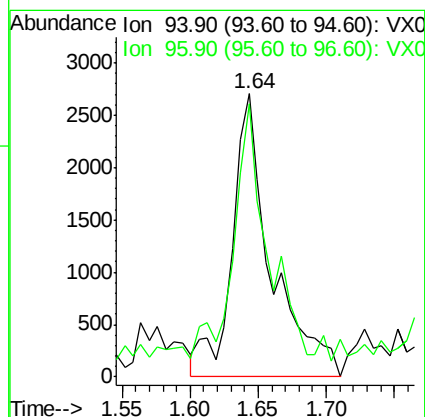
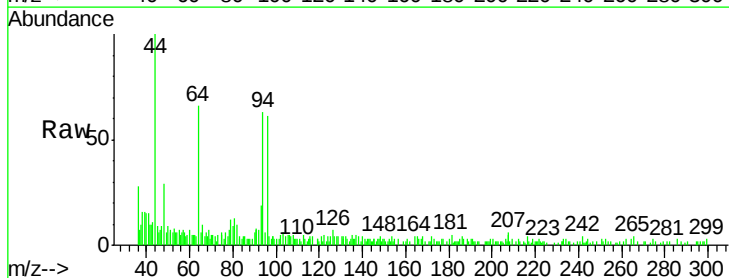
Acq: 24 Dec 2019 15:15

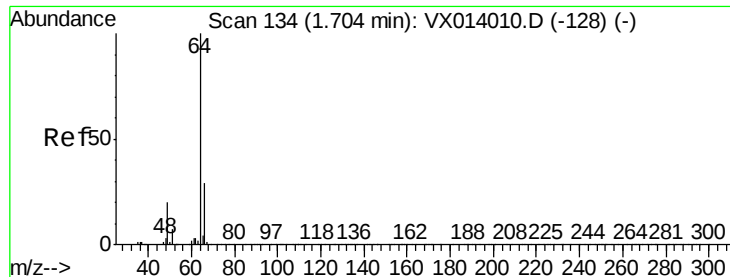
Tgt Ion: 94 Resp: 5411

Ion Ratio Lower Upper

94 100

96 86.6 75.2 112.8





#6

Chloroethane

Concen: 0.564 ug/l

RT: 1.61 min Scan# 118

Delta R.T. -0.10 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

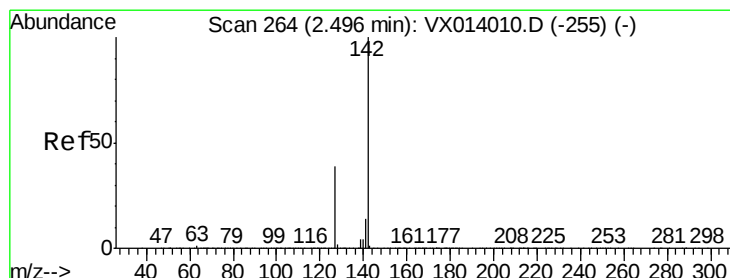
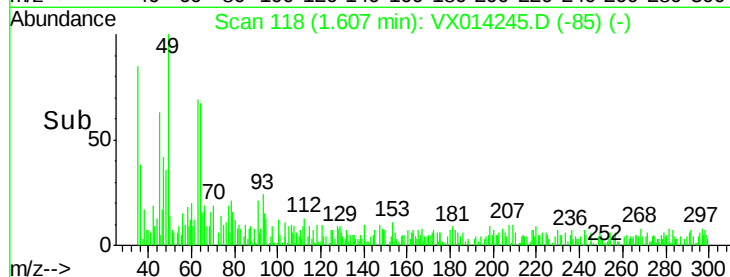
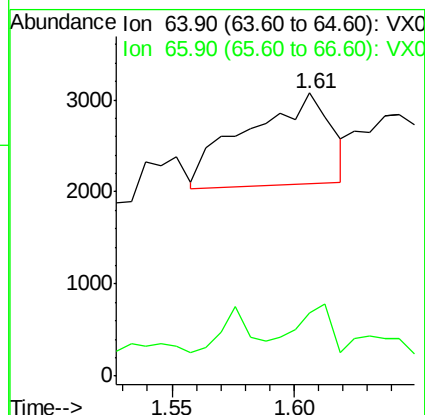
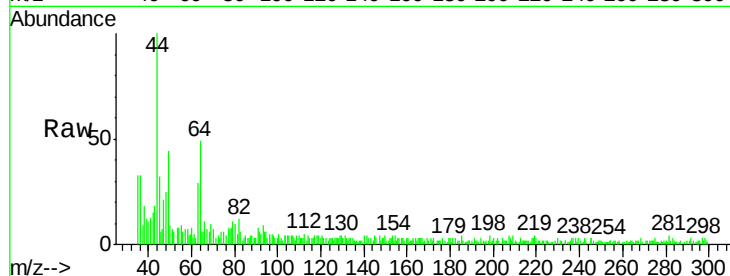
C-WATER_12.20.19

Tgt Ion: 64 Resp: 2375

Ion Ratio Lower Upper

64 100

66 45.1 23.4 35.2#



#10

Methyl Iodide

Concen: 3.289 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

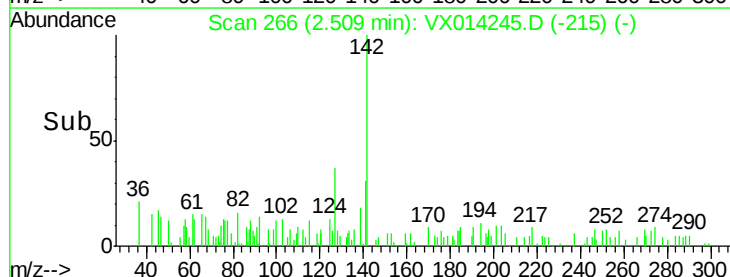
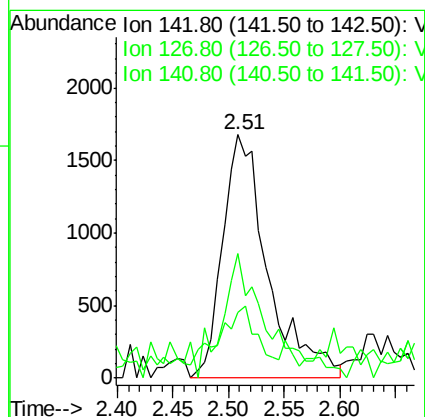
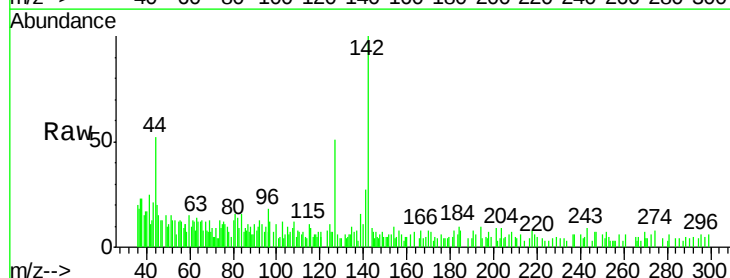
Tgt Ion: 142 Resp: 4732

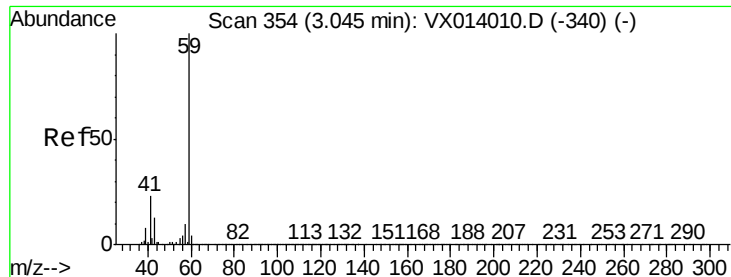
Ion Ratio Lower Upper

142 100

127 47.1 31.6 47.4

141 18.9 11.6 17.4#



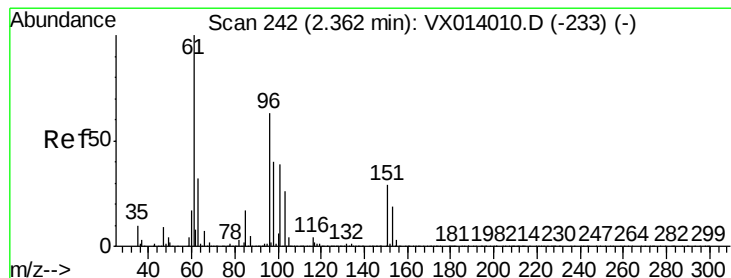
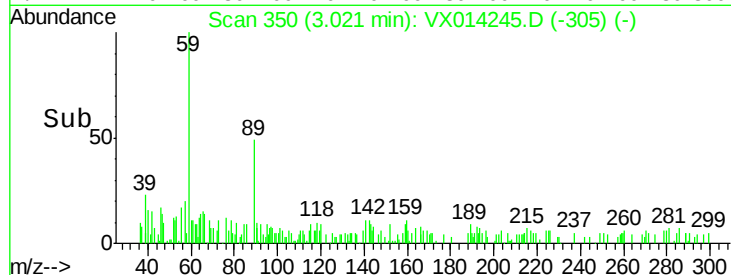
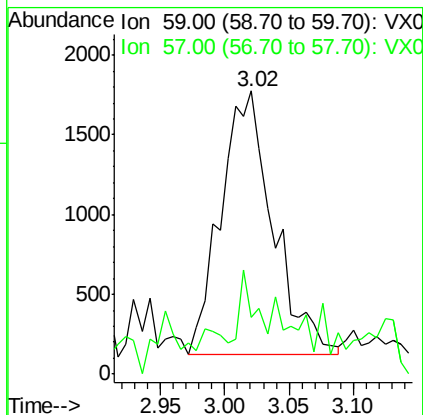
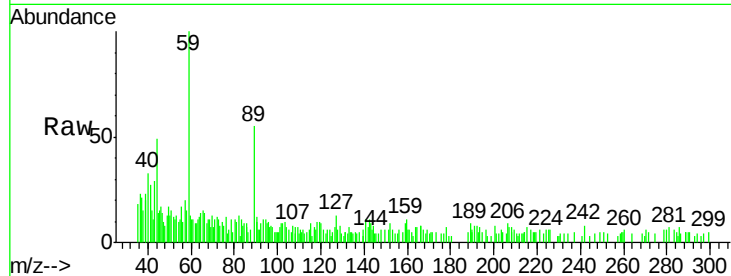


#11

Tert butyl alcohol
Concen: 3.569 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

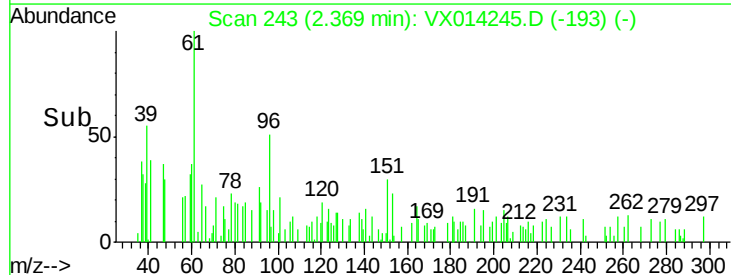
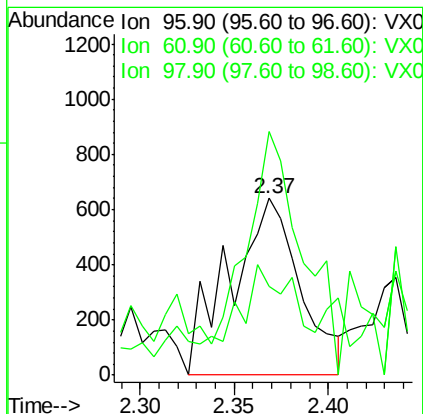
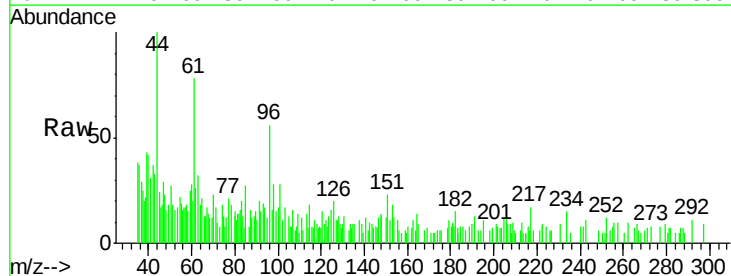
Tgt Ion: 59 Resp: 4707
Ion Ratio Lower Upper
59 100
57 6.9 8.4 12.6#

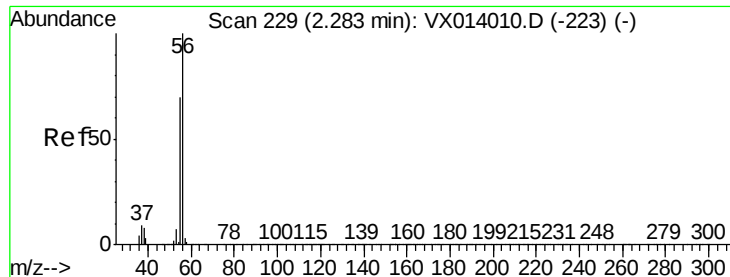


#12

1,1-Dichloroethene
Concen: 0.321 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 96 Resp: 1664
Ion Ratio Lower Upper
96 100
61 137.8 127.9 191.9
98 31.1 50.5 75.7#

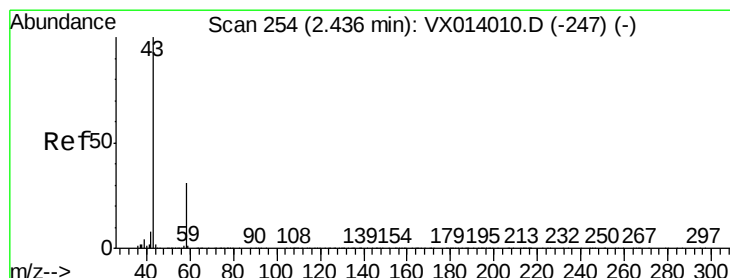
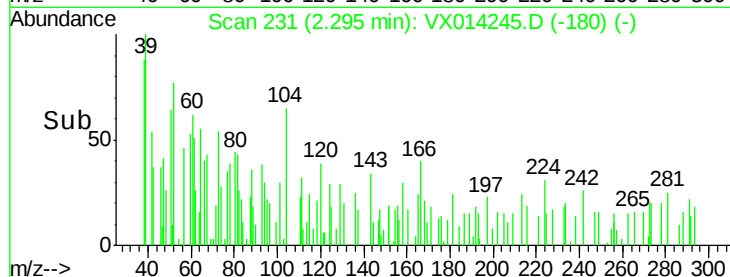
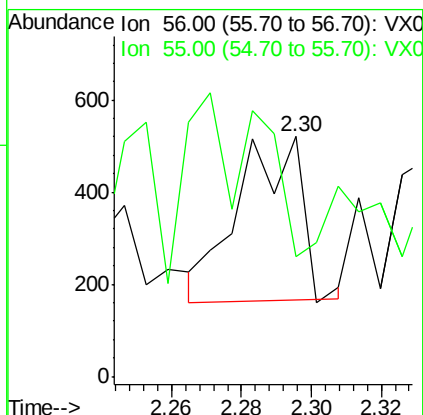
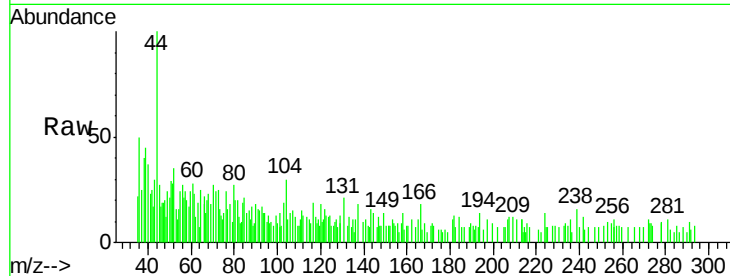




#13
Acrolein
Concen: 0.596 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

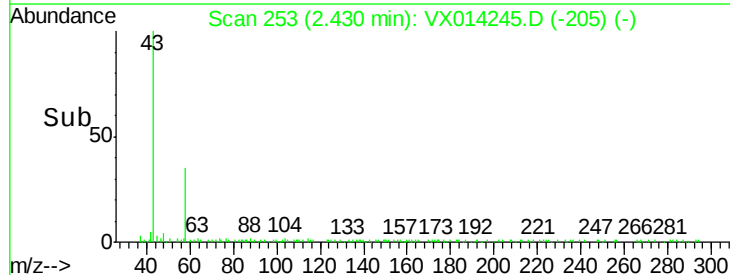
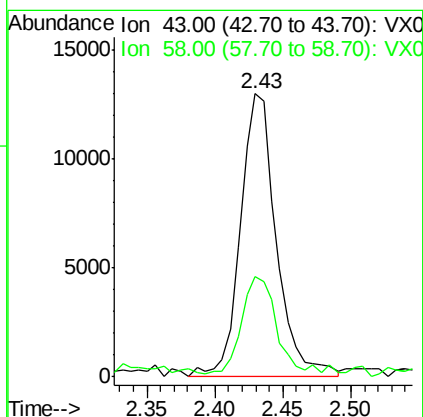
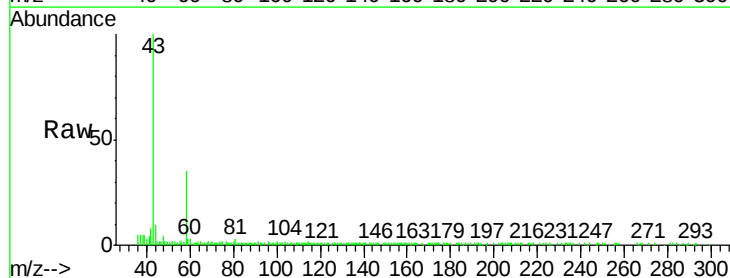
Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

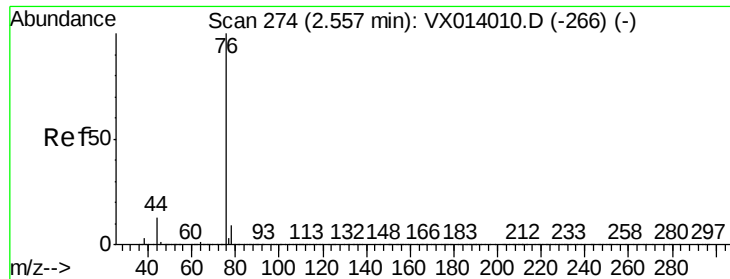
Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
55 42.9 56.9 85.3#



#16
Acetone
Concen: 6.069 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 43 Resp: 24051
Ion Ratio Lower Upper
43 100
58 33.7 24.9 37.3

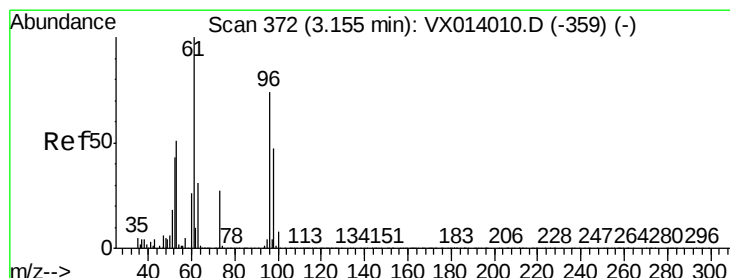
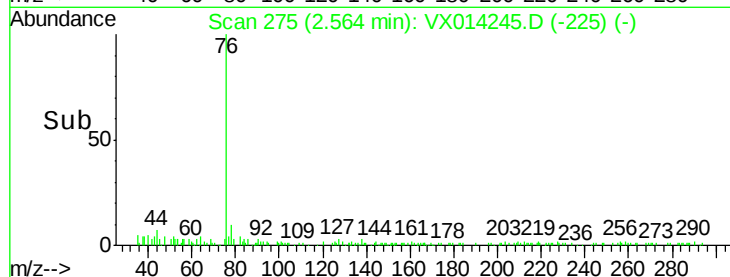
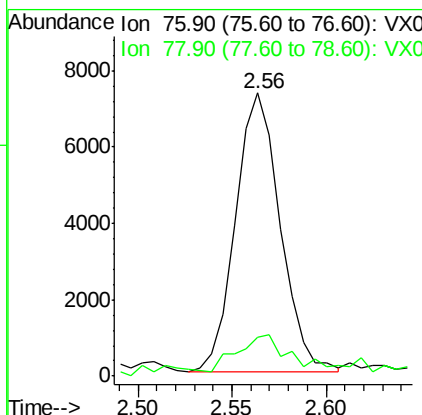
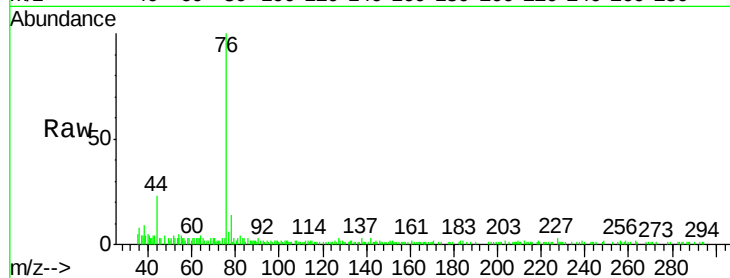




#17
Carbon Disulfide
Concen: 1.574 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

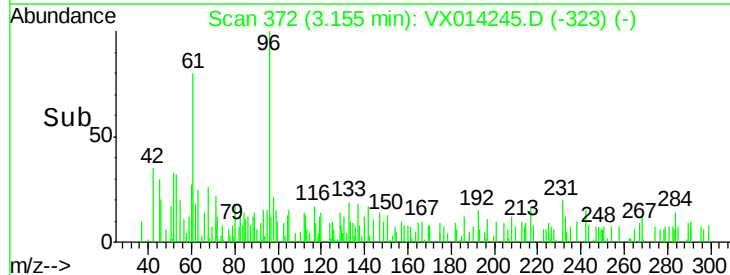
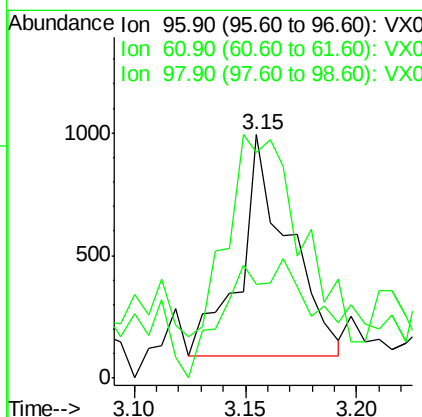
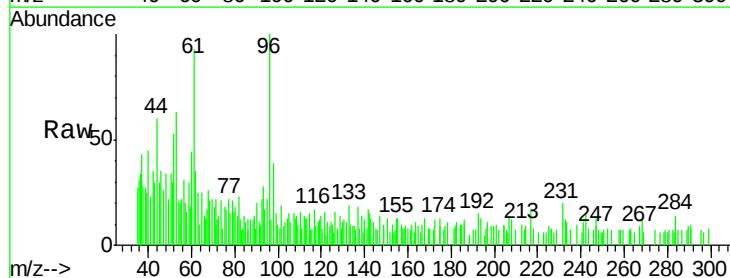
Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

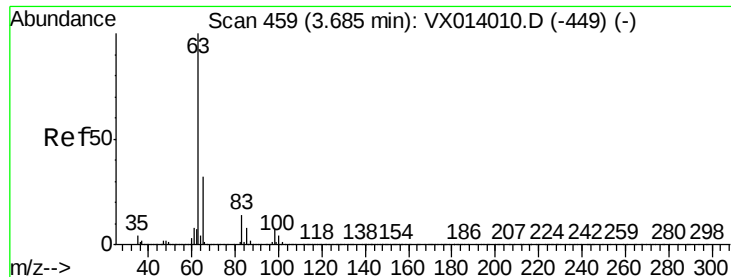
Tgt Ion: 76 Resp: 12034
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 96 Resp: 1383
Ion Ratio Lower Upper
96 100
61 83.4 108.3 162.5#
98 42.4 50.8 76.2#





#24

1,1-Dichloroethane

Concen: 0.243 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

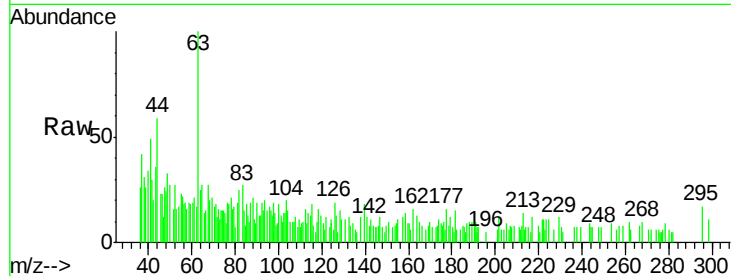
Tgt Ion: 63 Resp: 2492

Ion Ratio Lower Upper

63 100

98 27.0 3.6 10.8#

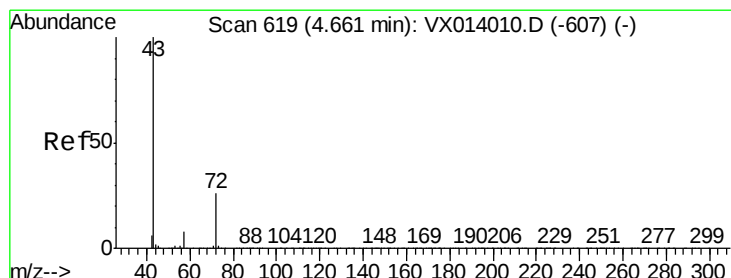
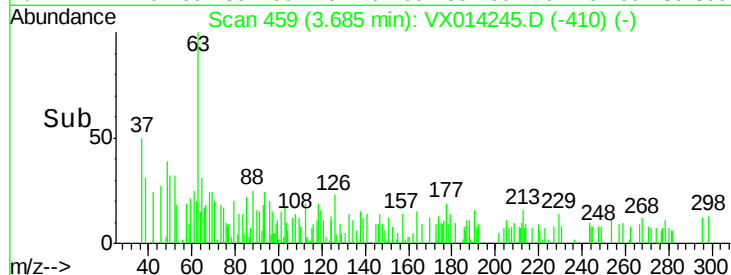
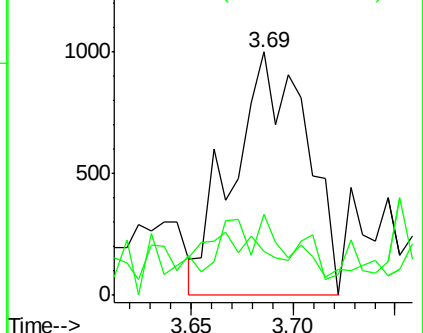
100 11.0 2.3 6.8#



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



#25

2-Butanone

Concen: 2.422 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX014245.D

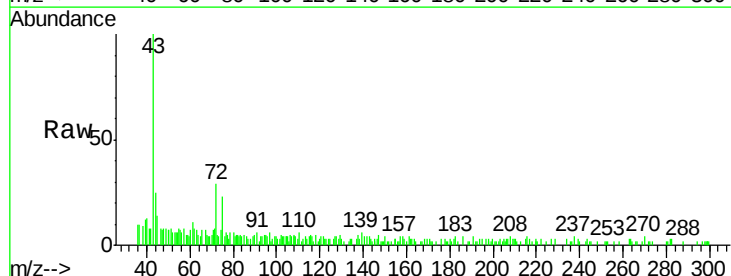
Acq: 24 Dec 2019 15:15

Tgt Ion: 43 Resp: 11835

Ion Ratio Lower Upper

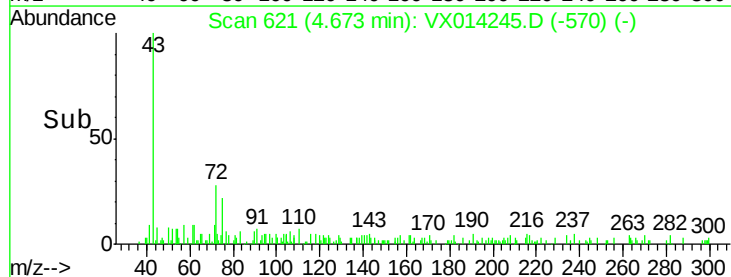
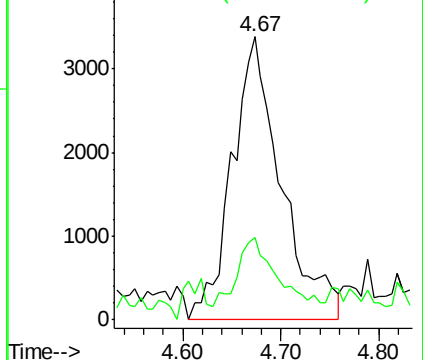
43 100

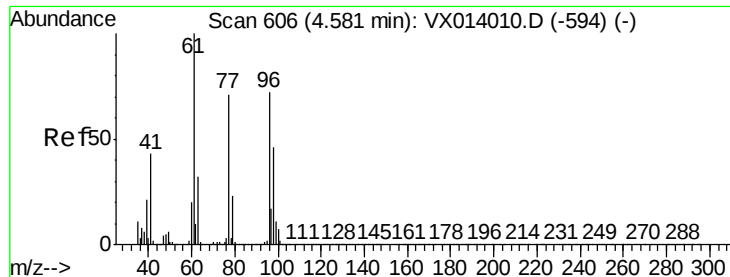
72 18.2 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



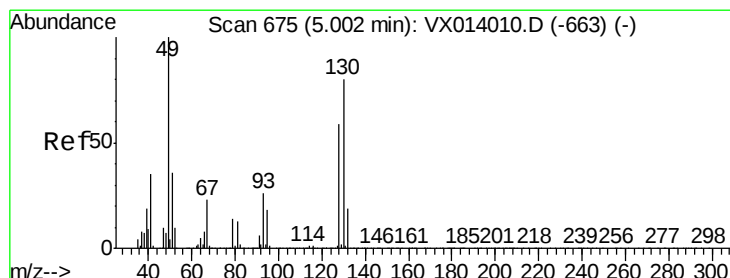
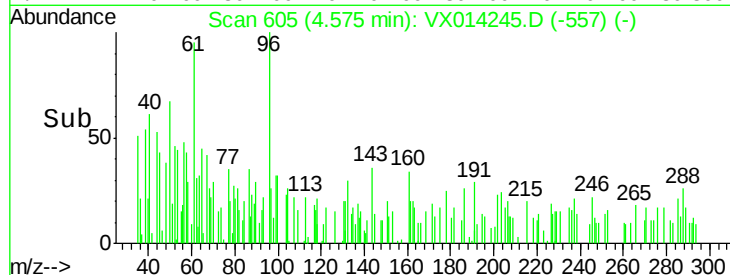
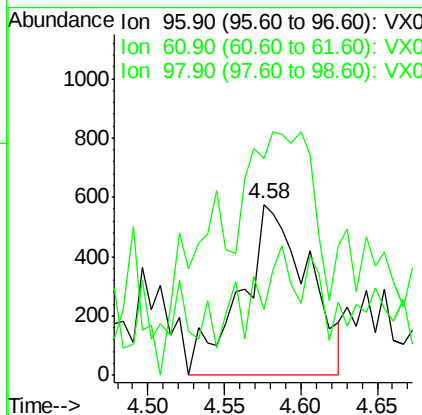
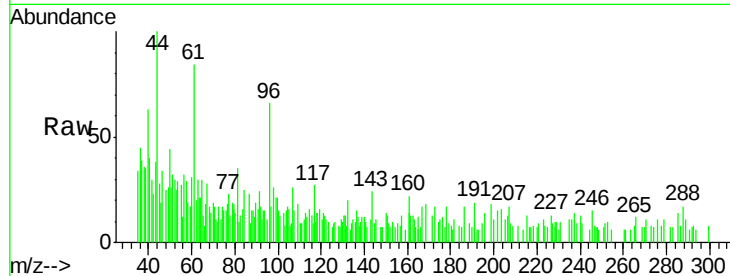


#27

cis-1,2-Dichloroethene
Concen: 0.270 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

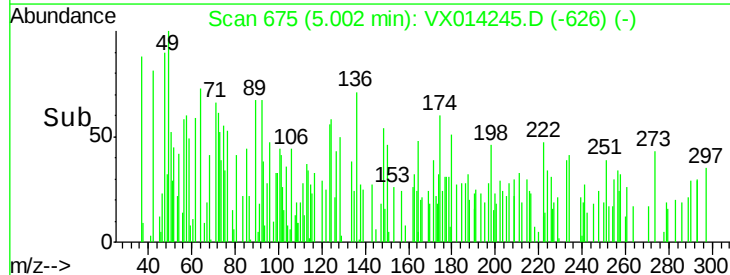
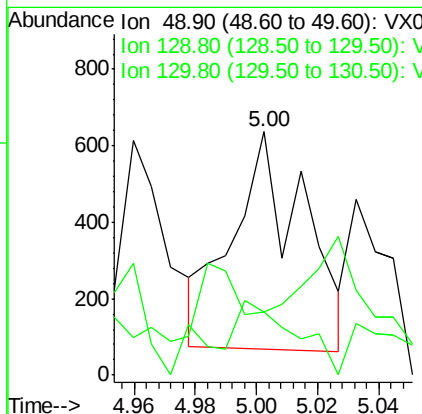
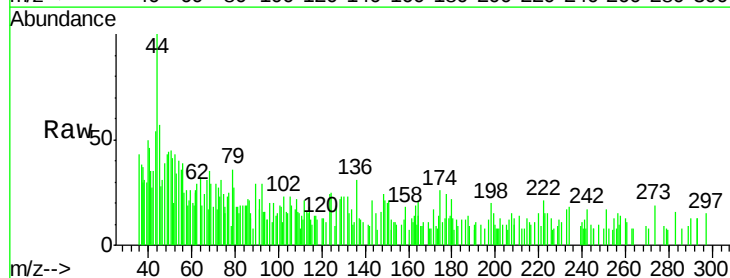
Tgt Ion: 96 Resp: 1745
Ion Ratio Lower Upper
96 100
61 91.3 0.0 288.4
98 24.6 0.0 129.6

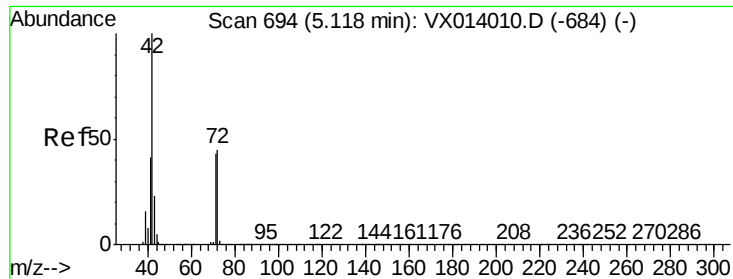


#28

Bromochloromethane
Concen: 0.684 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 49 Resp: 918
Ion Ratio Lower Upper
49 100
129 38.5 0.0 5.0#
130 26.6 64.6 97.0#





#29

Tetrahydrofuran

Concen: 1.891 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

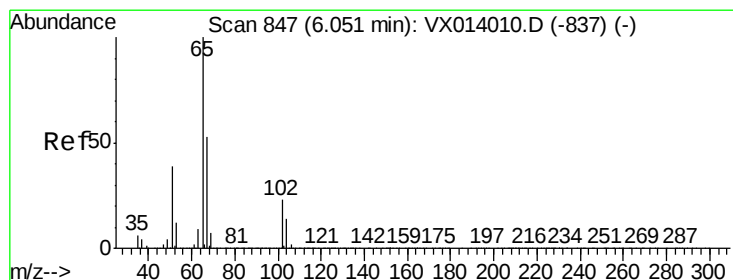
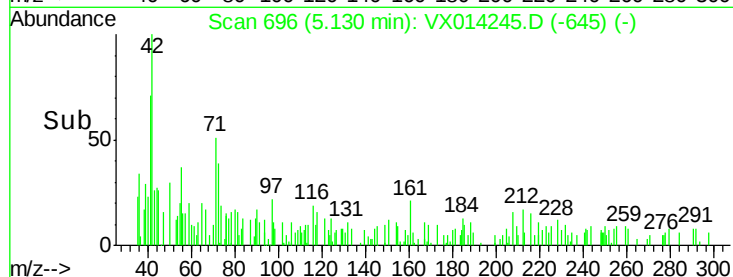
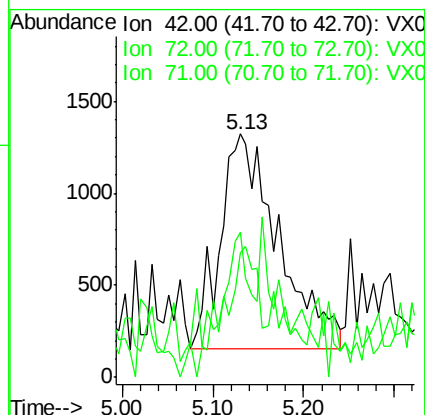
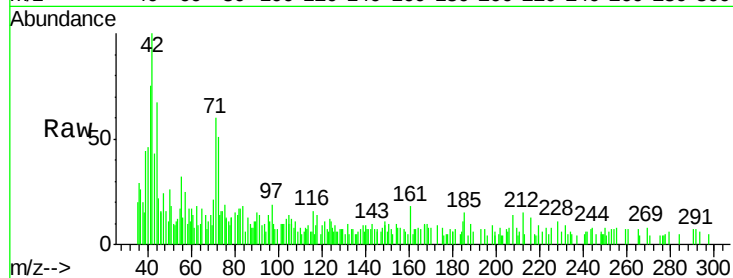
Tgt Ion: 42 Resp: 5168

Ion Ratio Lower Upper

42 100

72 24.2 35.8 53.8#

71 35.0 33.6 50.4



#33

1,2-Dichloroethane-d4

Concen: 48.606 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014245.D

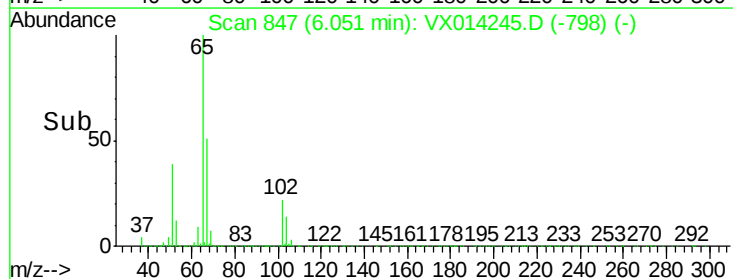
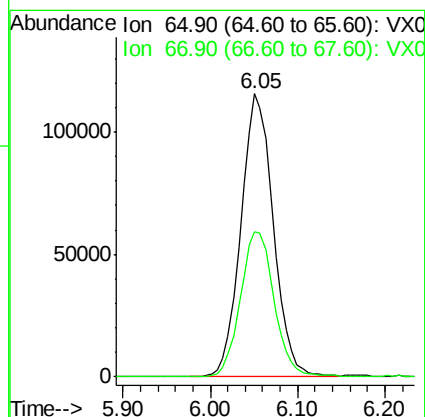
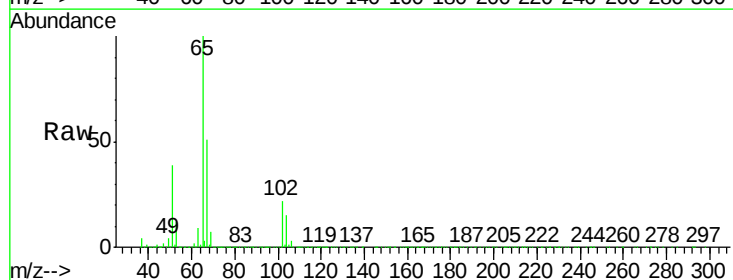
Acq: 24 Dec 2019 15:15

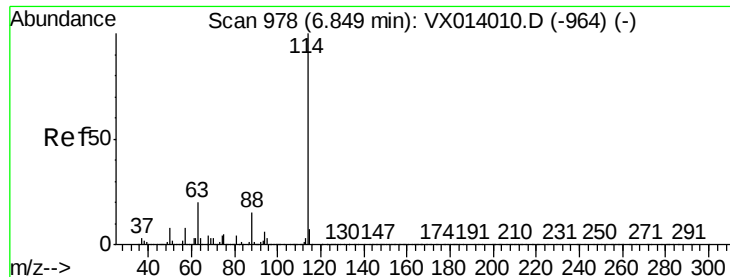
Tgt Ion: 65 Resp: 296714

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

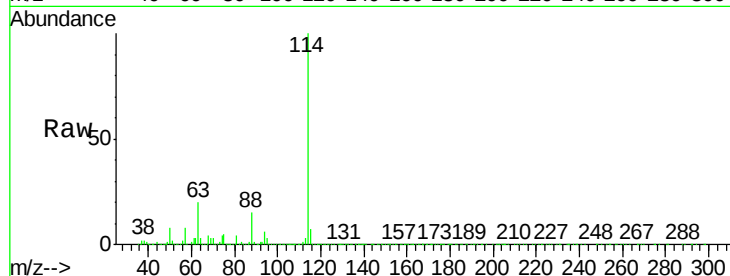
Tgt Ion:114 Resp: 821453

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

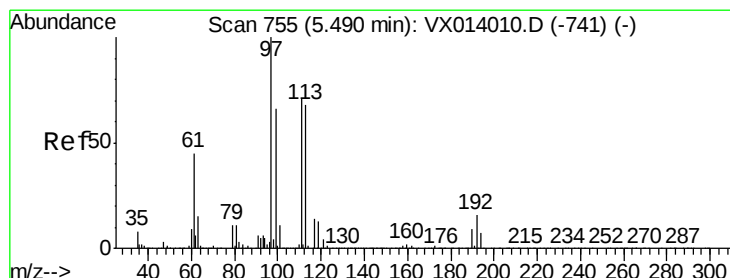
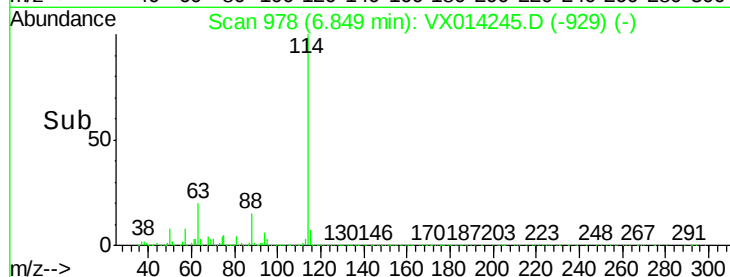
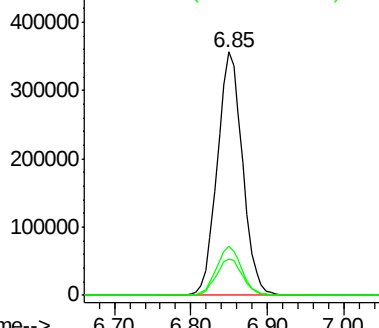
88 14.8 0.0 30.4



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: 49.234 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

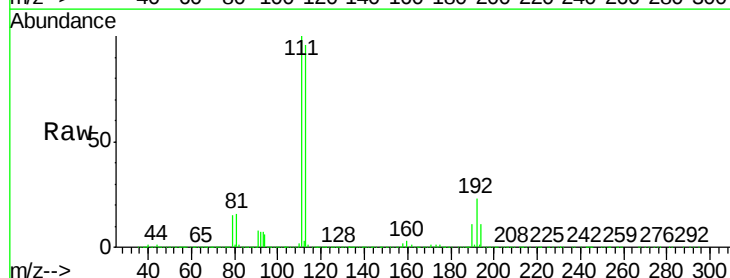
Tgt Ion:113 Resp: 245850

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

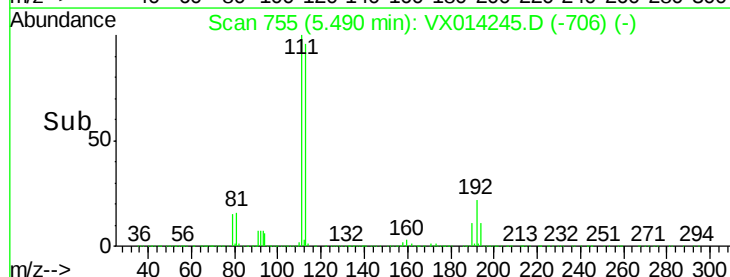
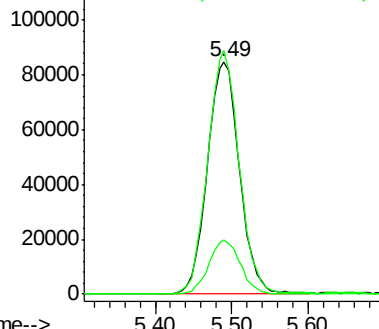
192 22.8 19.3 28.9

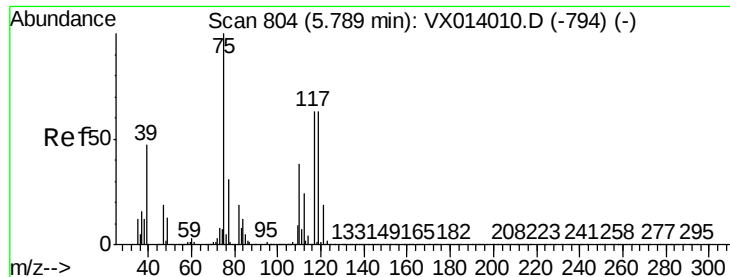


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

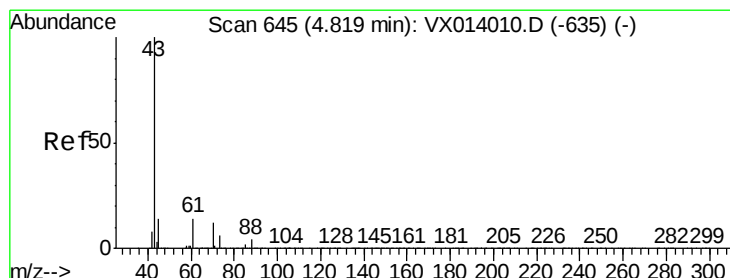
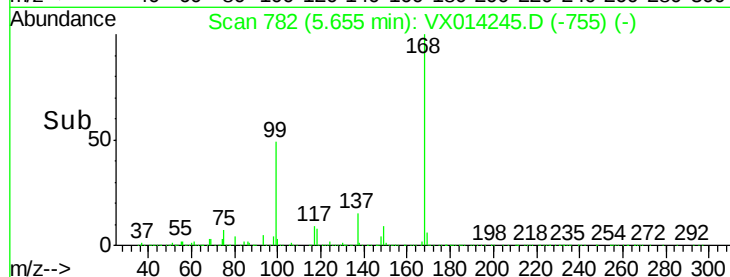
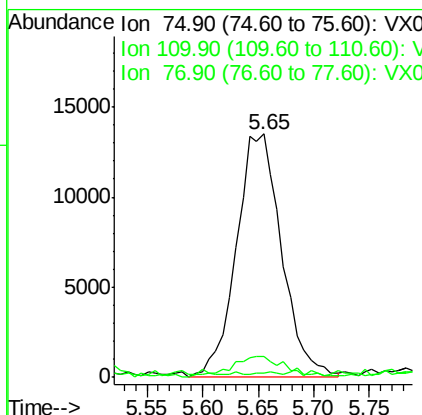
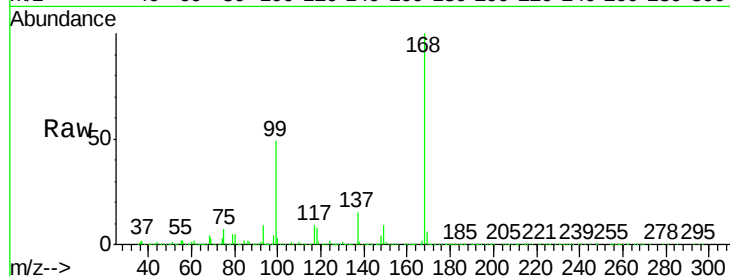




#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX014245.D
 Acq: 24 Dec 2019 15:15

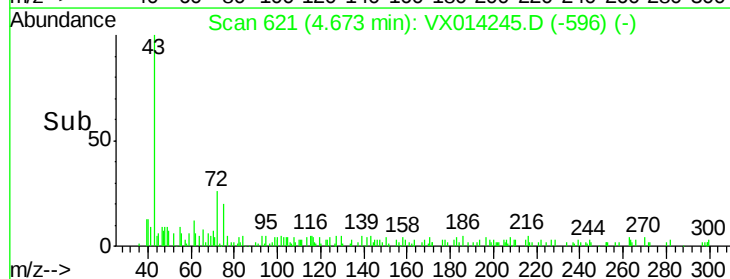
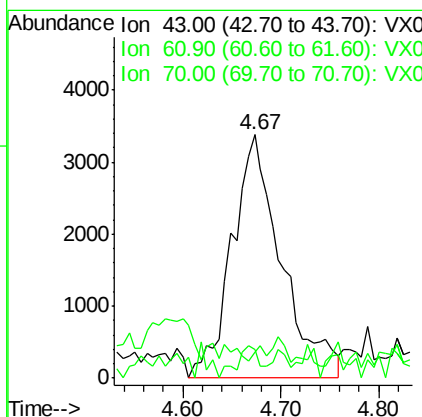
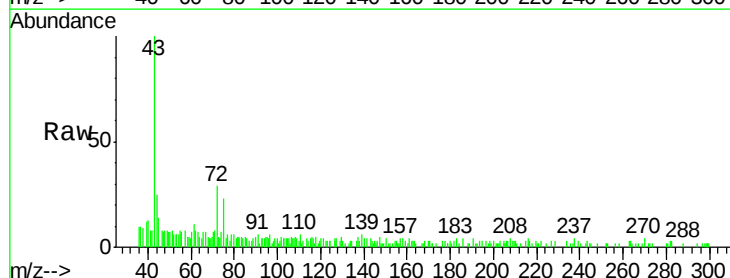
Instrument :
 MSVOA_X
 ClientSampleId :
 C-WATER_12.20.19

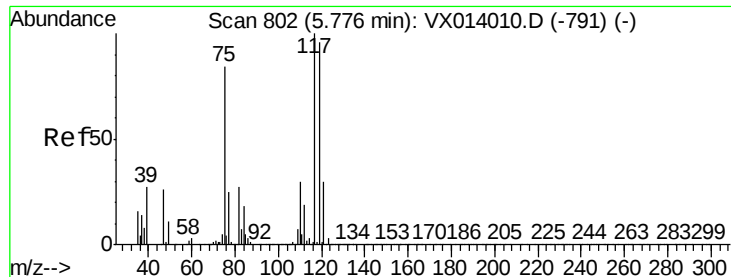
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	0.7	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.422 ug/l
 RT: 4.67 min Scan# 621
 Delta R.T. -0.15 min
 Lab File: VX014245.D
 Acq: 24 Dec 2019 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.4	10.8	16.2#
70	6.2	8.6	12.8#





#38

Carbon Tetrachloride

Concen: 6.851 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

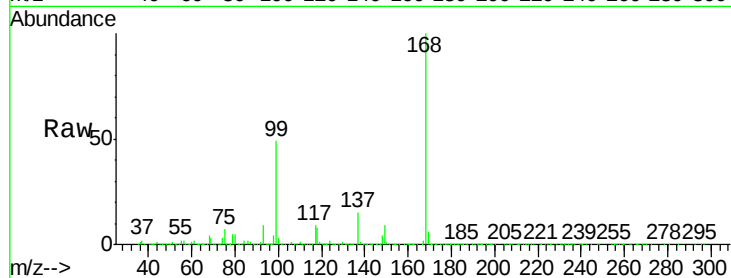
Tgt Ion:117 Resp: 47042

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.4#

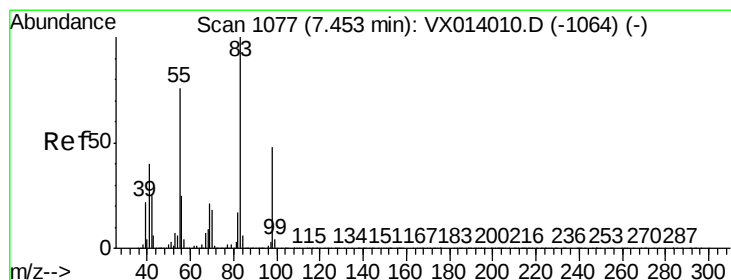
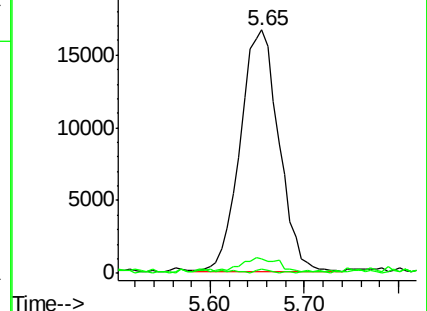
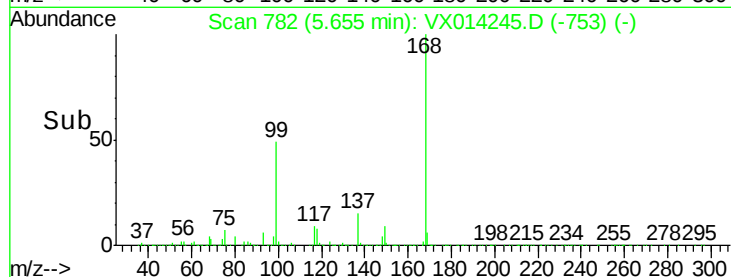
121 0.9 23.6 35.4#



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



#39

Methylcyclohexane

Concen: 0.225 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

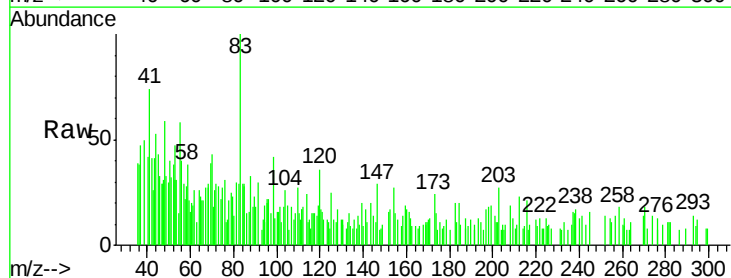
Tgt Ion: 83 Resp: 2098

Ion Ratio Lower Upper

83 100

55 29.3 61.0 91.6#

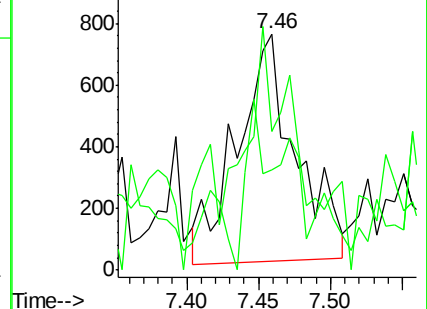
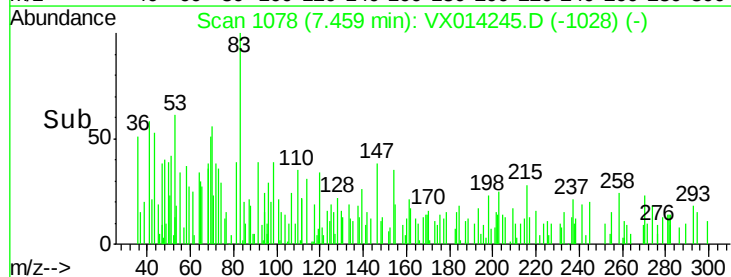
98 36.5 38.6 57.8#

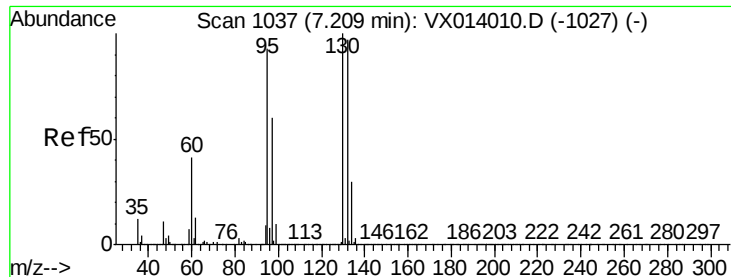


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.281 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

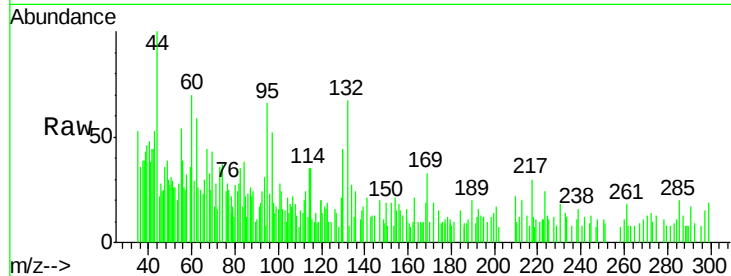
C-WATER_12.20.19

Tgt Ion:130 Resp: 1801

Ion Ratio Lower Upper

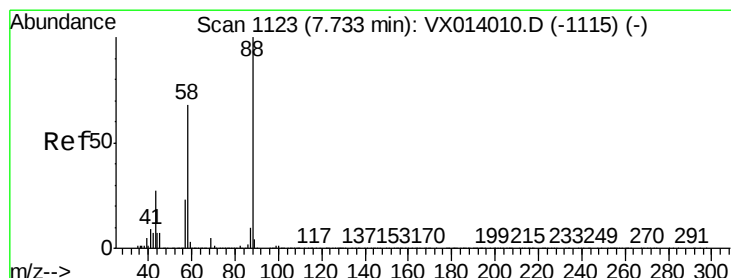
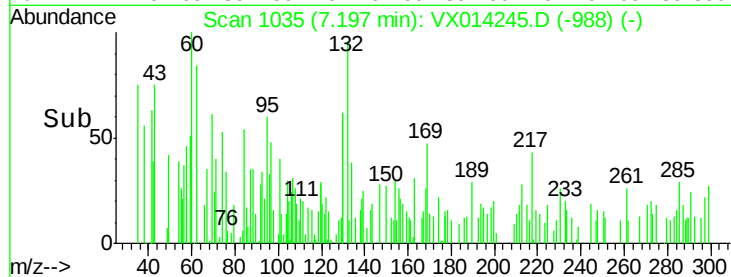
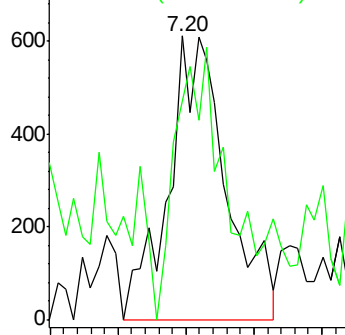
130 100

95 41.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.989 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

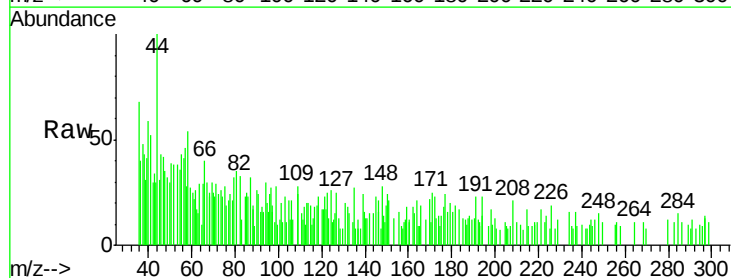
Tgt Ion: 88 Resp: 273

Ion Ratio Lower Upper

88 100

43 276.9 26.5 39.7#

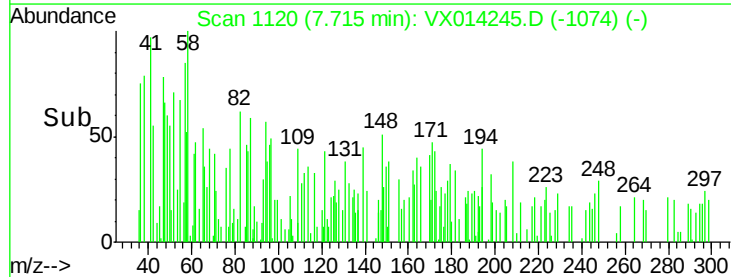
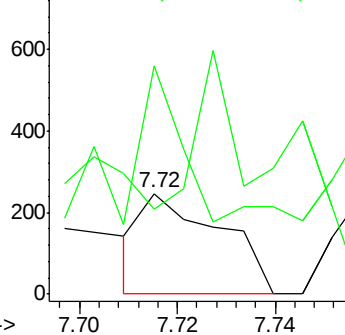
58 99.3 56.8 85.2#

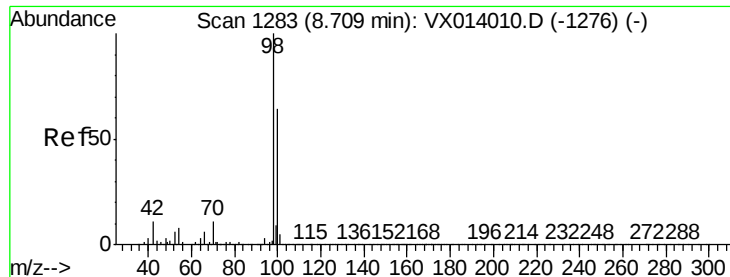


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.201 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

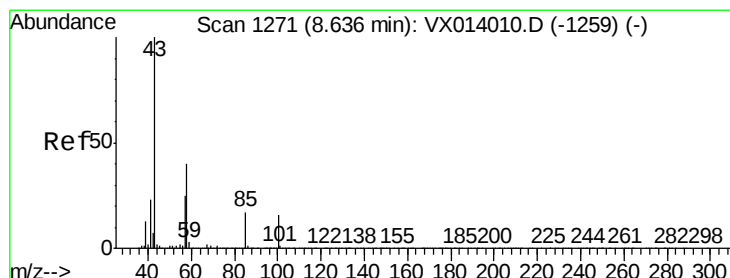
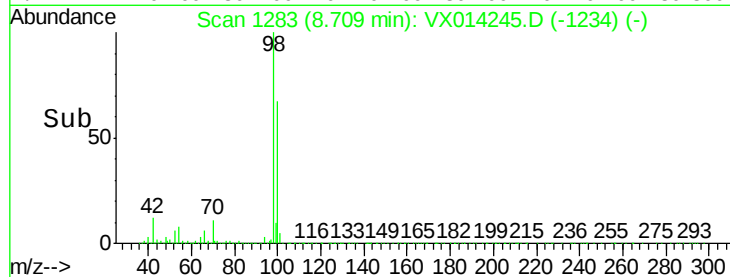
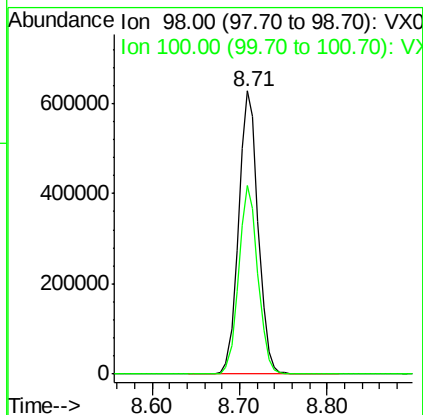
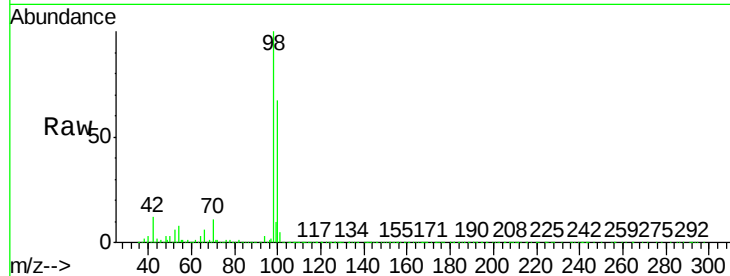
C-WATER_12.20.19

Tgt Ion: 98 Resp: 975965

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014245.D

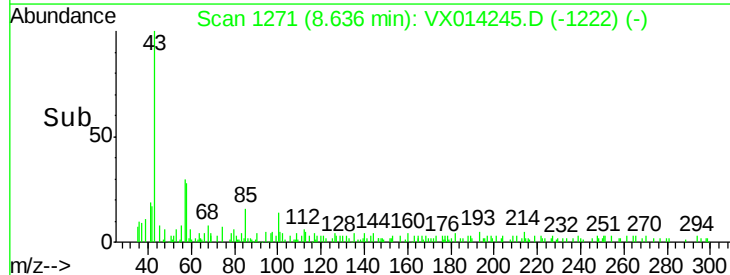
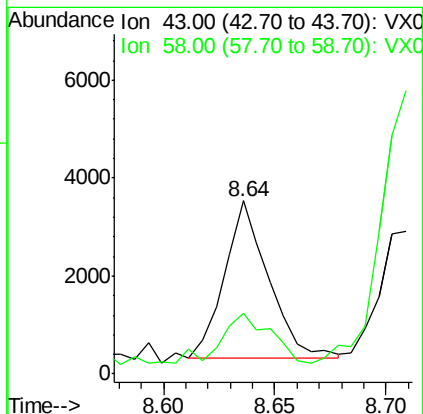
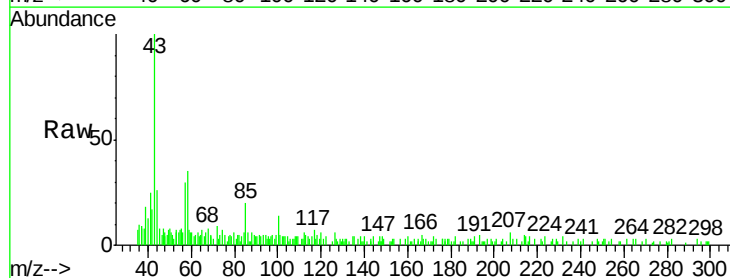
Acq: 24 Dec 2019 15:15

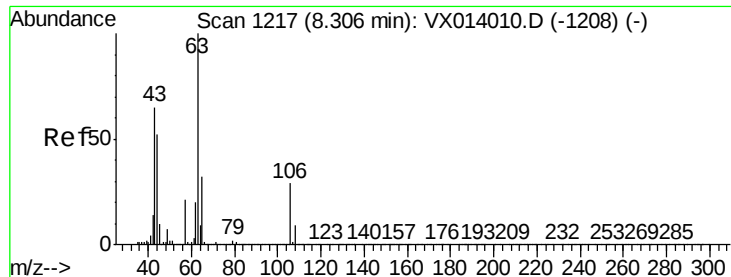
Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.2

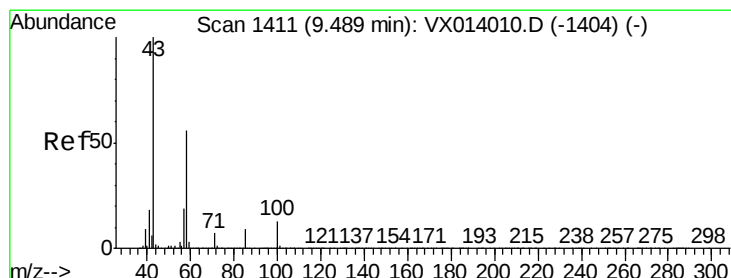
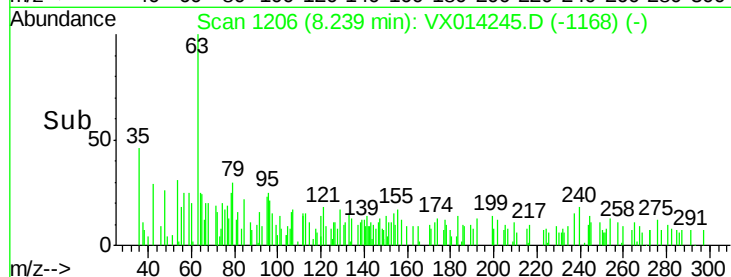
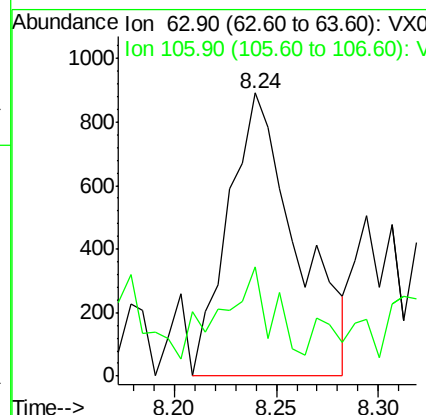
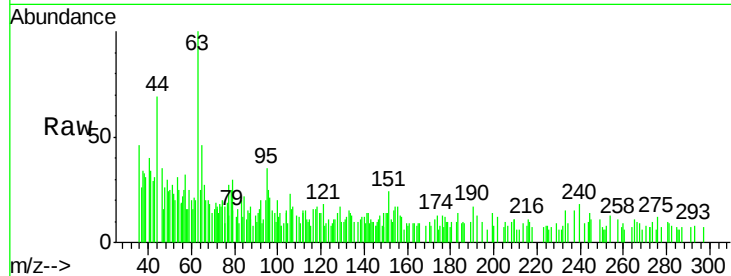




#58
2-Chloroethyl Vinyl ether
Concen: 0.595 ug/l
RT: 8.24 min Scan# 1206
Delta R.T. -0.07 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

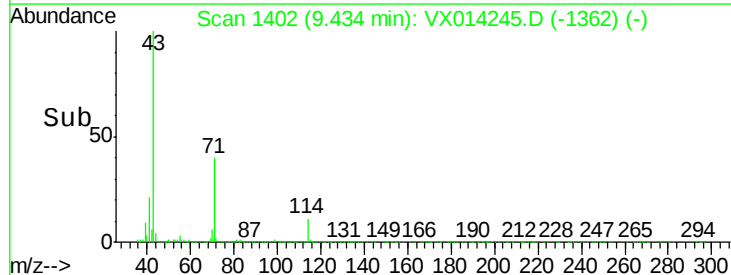
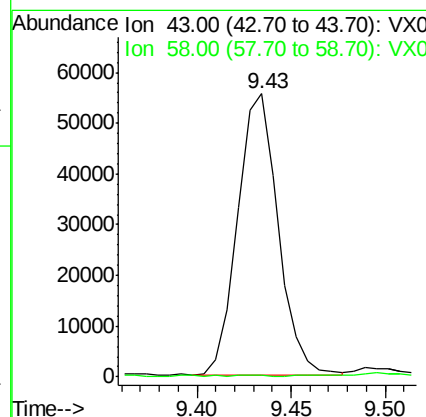
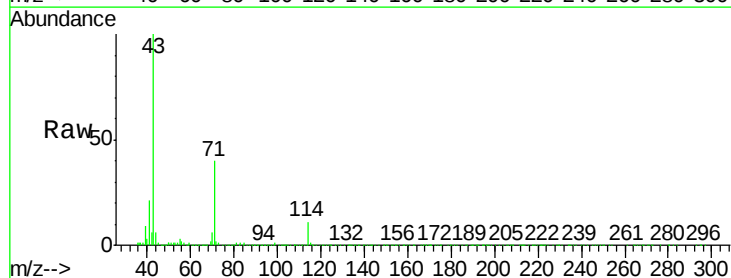
Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

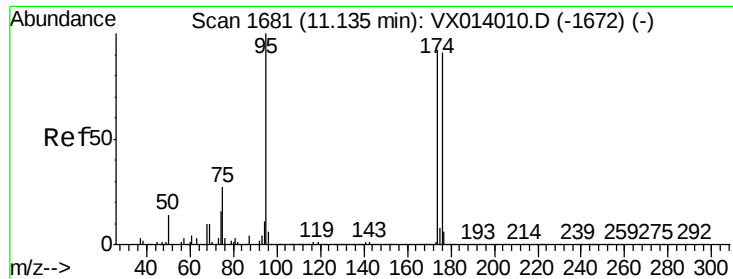
Tgt Ion: 63 Resp: 2077
Ion Ratio Lower Upper
63 100
106 24.4 23.0 34.6



#59
2-Hexanone
Concen: 11.834 ug/l
RT: 9.43 min Scan# 1402
Delta R.T. -0.05 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 43 Resp: 82412
Ion Ratio Lower Upper
43 100
58 0.5 28.0 84.0#





#62

4-Bromofluorobenzene

Concen: 47.121 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

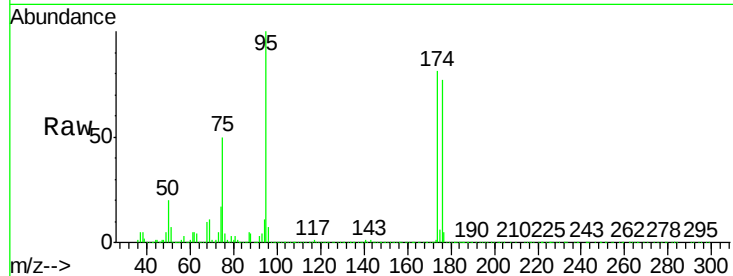
Tgt Ion: 95 Resp: 334869

Ion Ratio Lower Upper

95 100

174 90.2 0.0 175.8

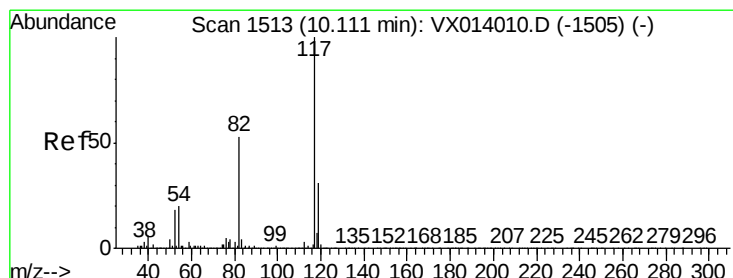
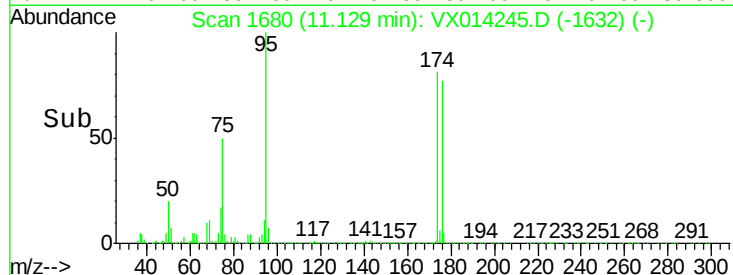
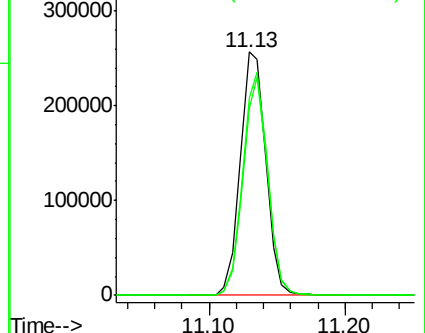
176 85.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

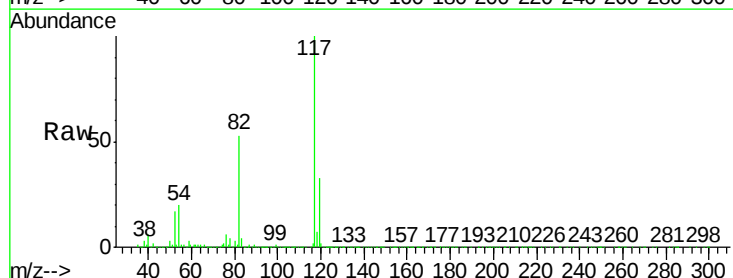
Tgt Ion: 117 Resp: 744893

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

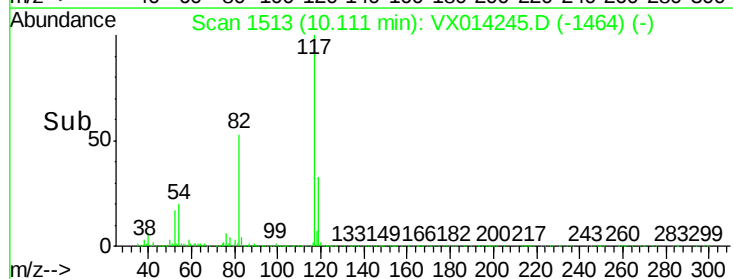
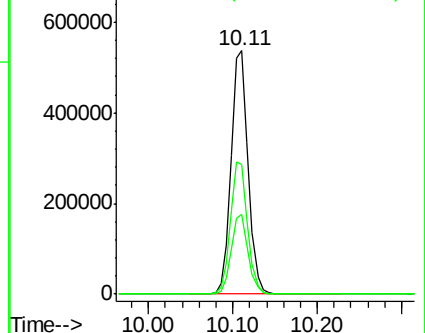
119 32.7 25.1 37.7

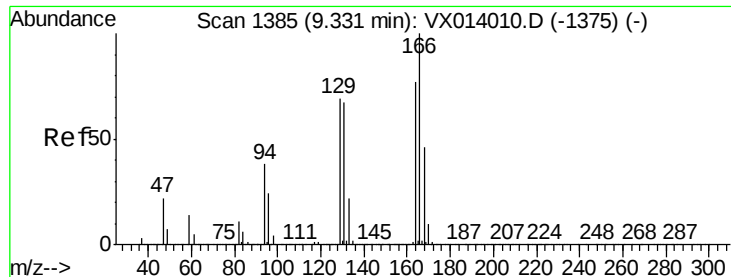


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

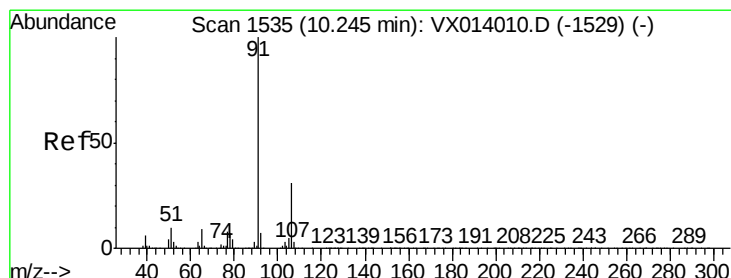
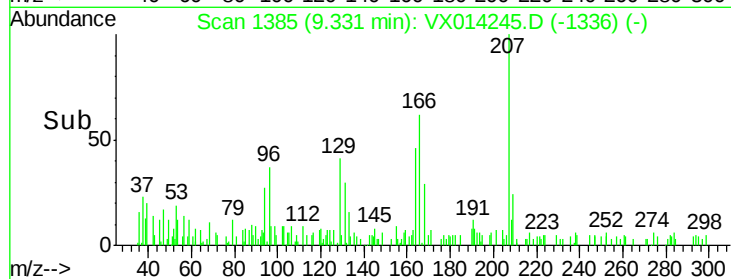
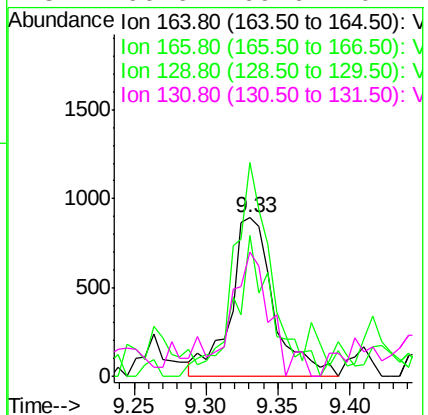
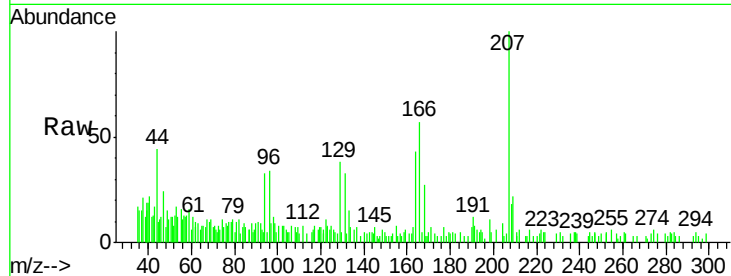




#64
Tetrachloroethene
Concen: 0.283 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

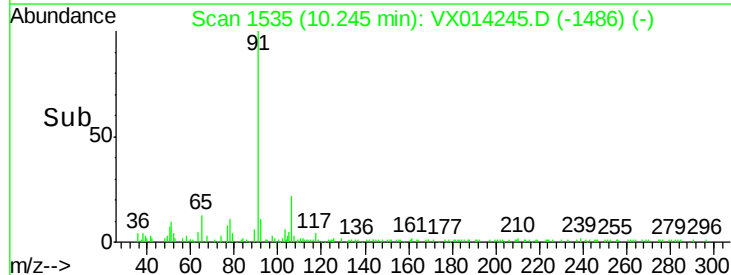
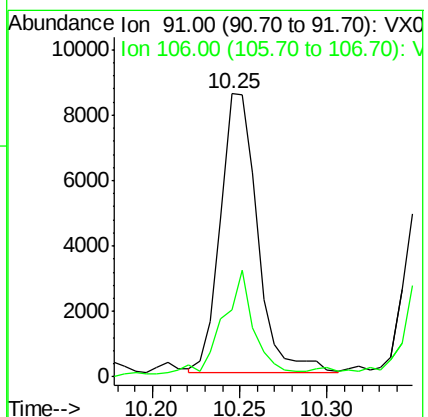
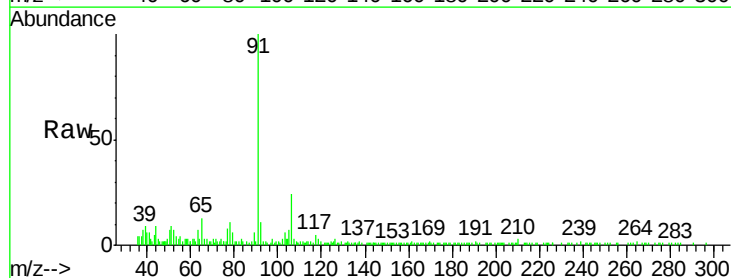
Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

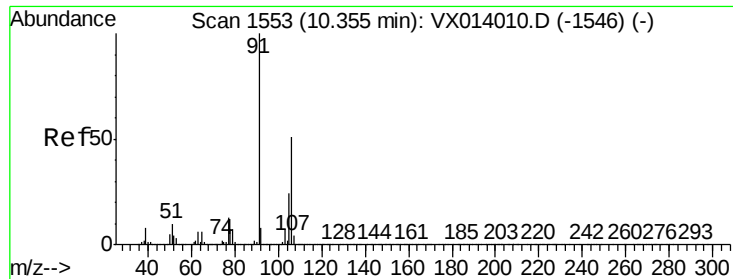
Tgt Ion:164 Resp: 1863
Ion Ratio Lower Upper
164 100
166 127.7 104.0 156.0
129 72.0 72.2 108.4#
131 66.6 69.6 104.4#



#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion: 91 Resp: 12603
Ion Ratio Lower Upper
91 100
106 22.4 25.0 37.6#





#68

m/p-Xylenes

Concen: 0.400 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

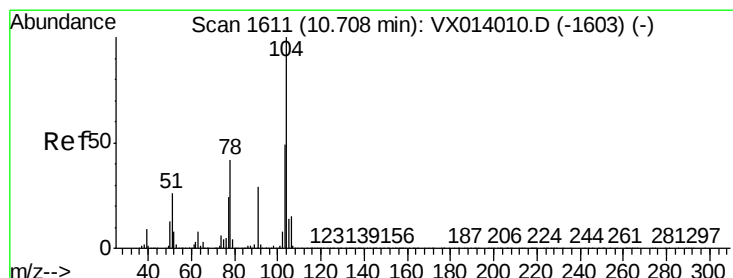
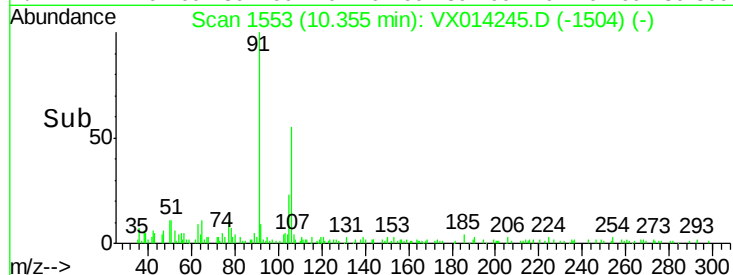
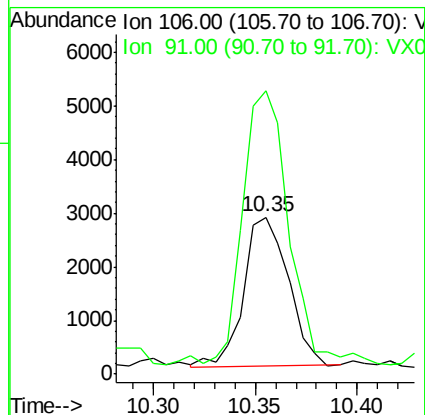
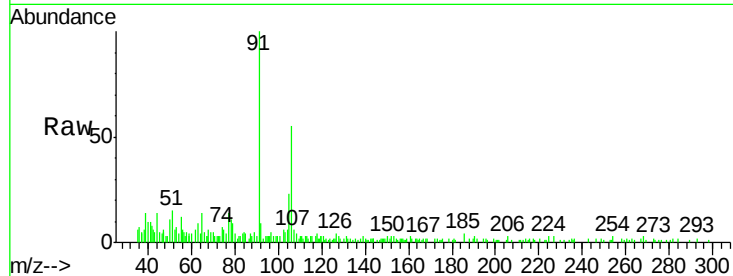
C-WATER_12.20.19

Tgt Ion:106 Resp: 4187

Ion Ratio Lower Upper

106 100

91 197.8 158.6 238.0



#70

Styrene

Concen: 0.743 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

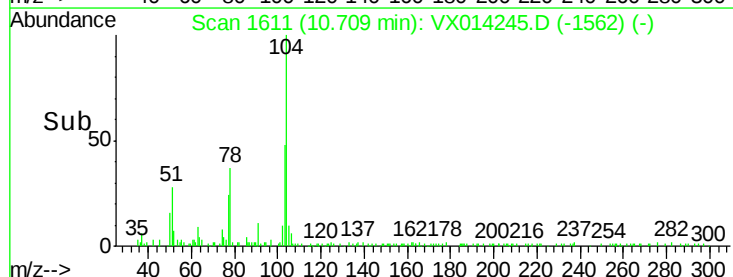
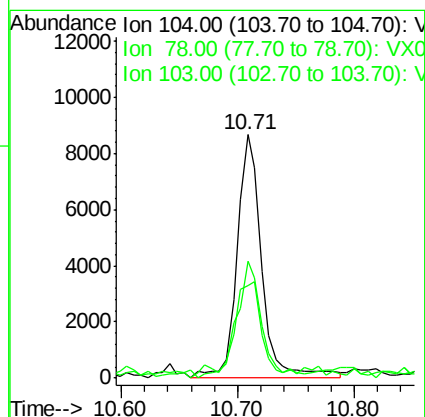
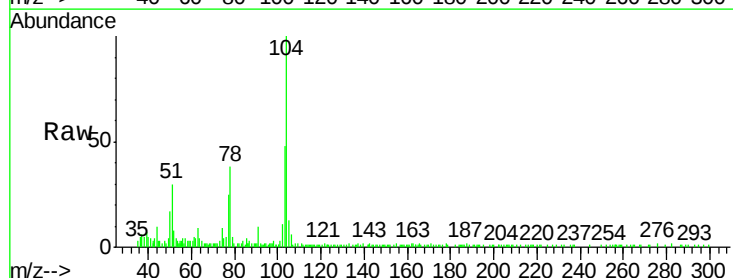
Tgt Ion:104 Resp: 12909

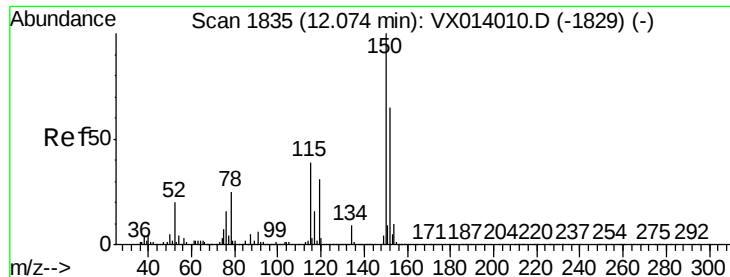
Ion Ratio Lower Upper

104 100

78 47.0 38.5 57.7

103 48.4 42.9 64.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

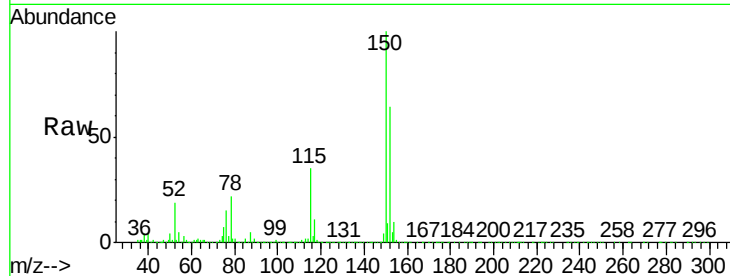
Tgt Ion: 152 Resp: 347884

Ion Ratio Lower Upper

152 100

115 55.8 38.3 114.9

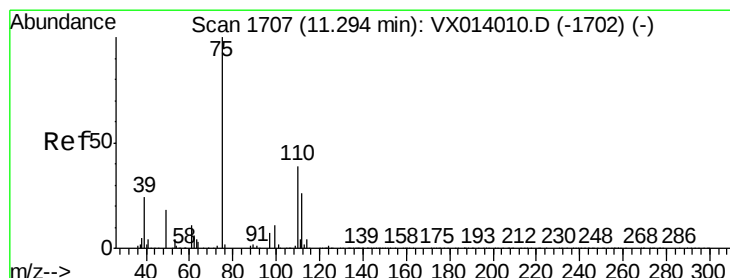
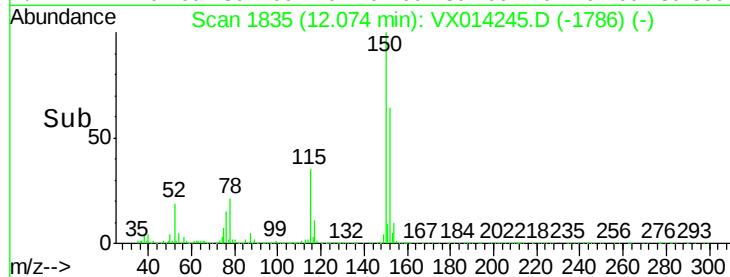
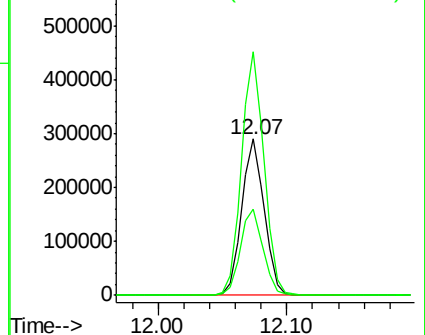
150 156.5 0.0 345.4



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



#76

1,2,3-Trichloropropane

Concen: 22.173 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014245.D

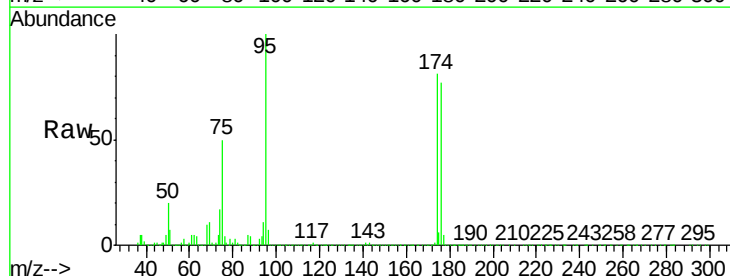
Acq: 24 Dec 2019 15:15

Tgt Ion: 75 Resp: 167461

Ion Ratio Lower Upper

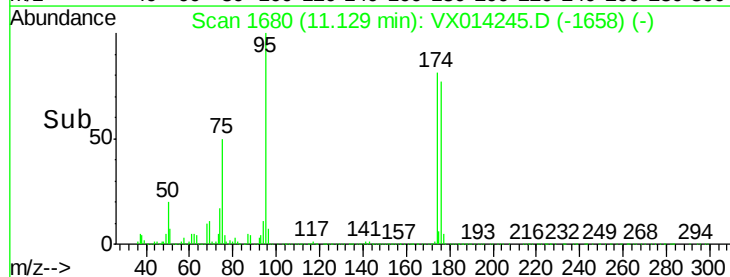
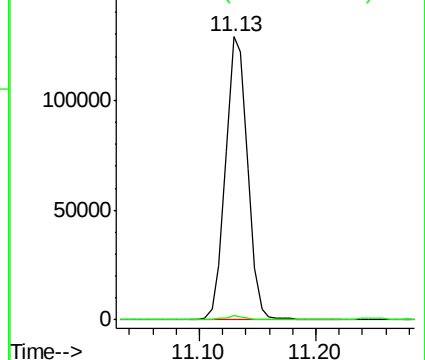
75 100

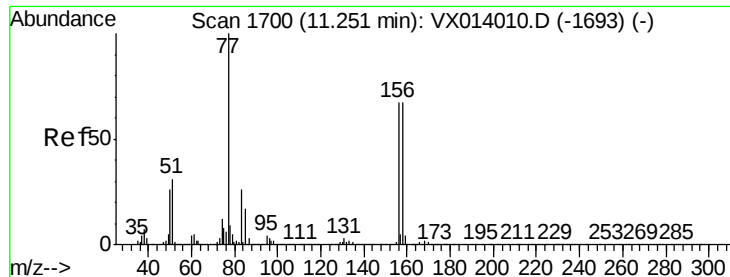
77 1.3 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.229 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

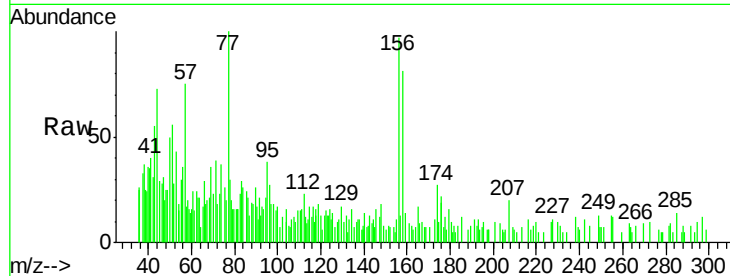
Tgt Ion:156 Resp: 1541

Ion Ratio Lower Upper

156 100

77 95.8 76.5 229.5

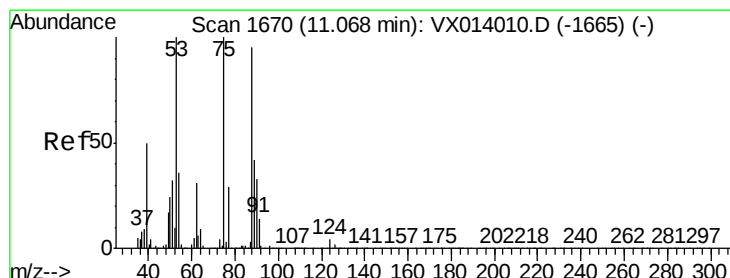
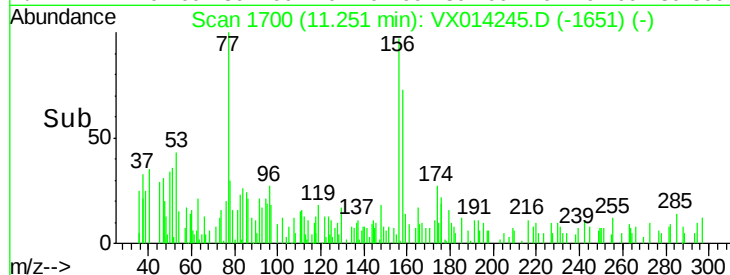
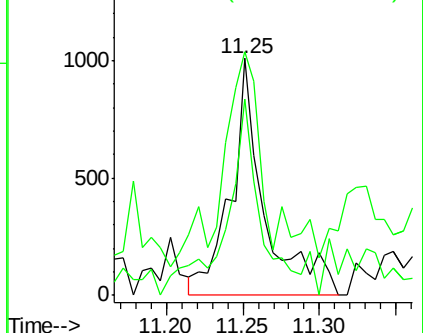
158 84.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.584 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

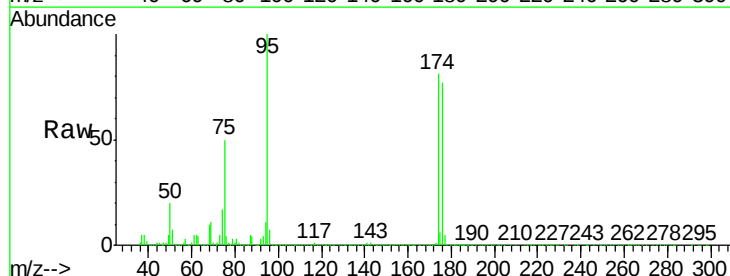
Tgt Ion: 75 Resp: 167461

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

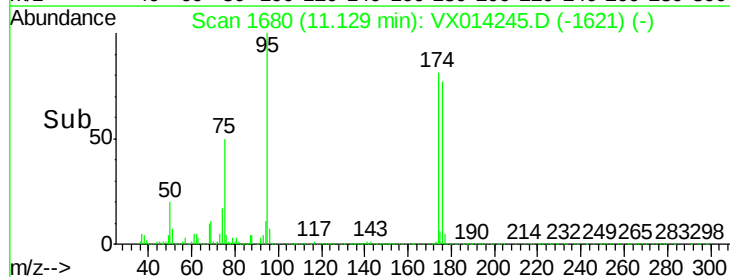
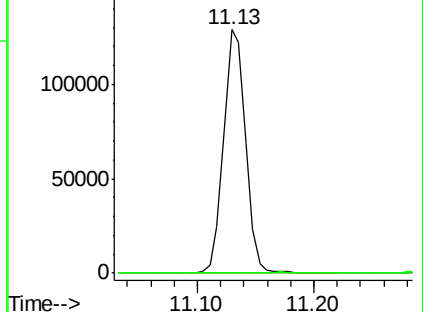
89 0.2 34.6 51.8#

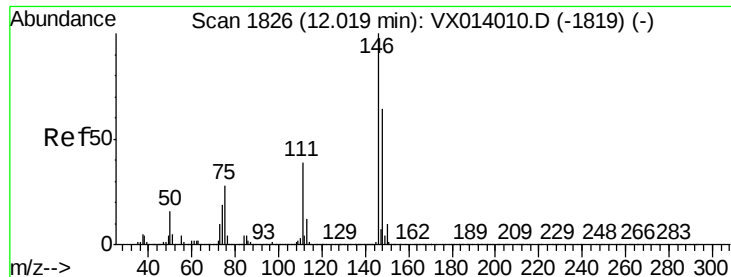


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#87

1,3-Dichlorobenzene

Concen: 0.278 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

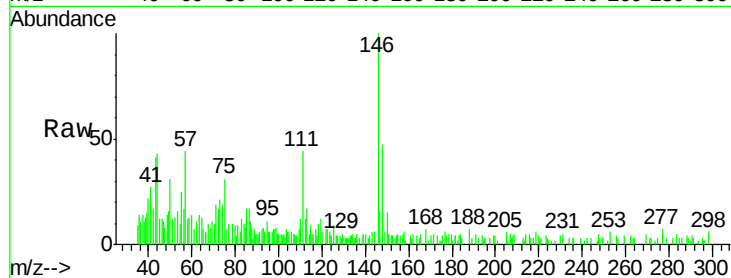
Tgt Ion:146 Resp: 3289

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

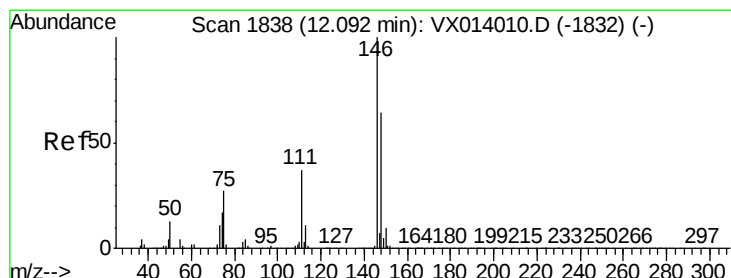
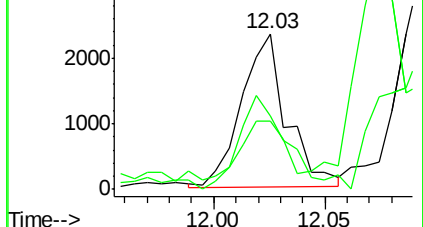
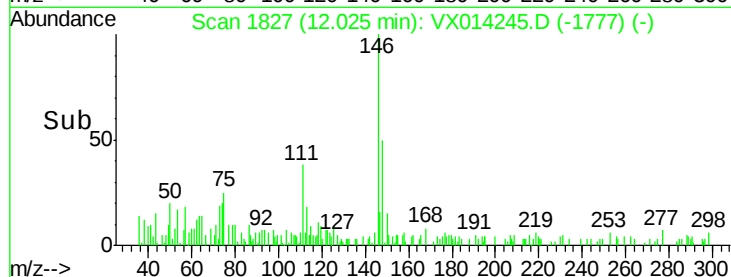
148 63.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.287 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.07 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

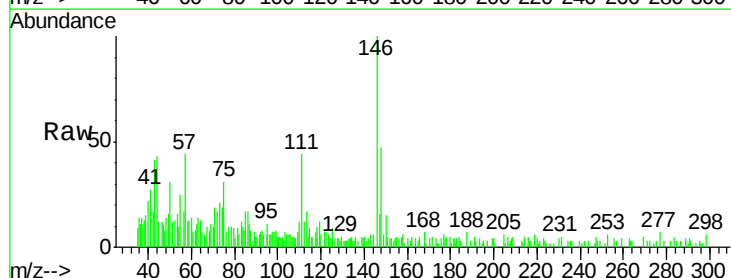
Tgt Ion:146 Resp: 3450

Ion Ratio Lower Upper

146 100

111 36.7 18.7 56.1

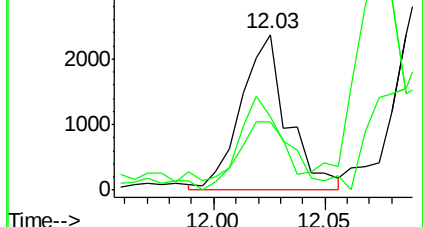
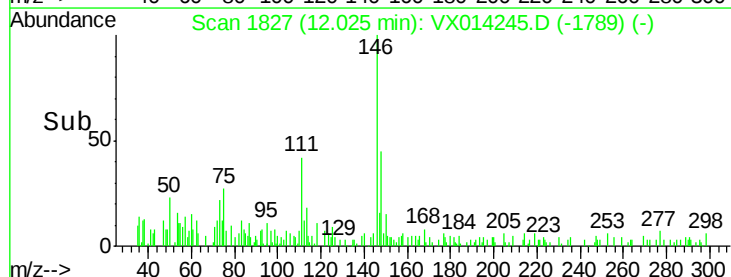
148 60.4 31.9 95.9

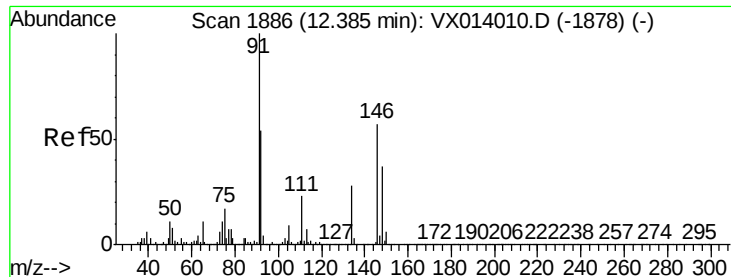


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.255 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19

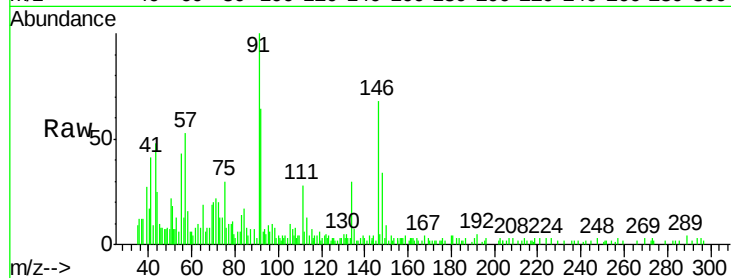
Tgt Ion: 91 Resp: 4719

Ion Ratio Lower Upper

91 100

92 76.6 27.2 81.6

134 39.4 13.4 40.1

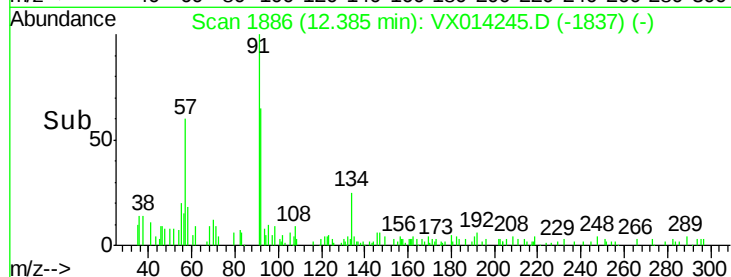


Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX014010.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX014010.D (-1878) (-)

Time-->



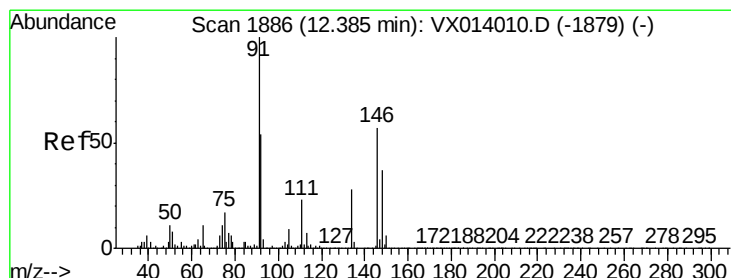
Abundance

Ion 91.00 (90.70 to 91.70): VX014245.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX014245.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX014245.D (-1837) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.271 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014245.D

Acq: 24 Dec 2019 15:15

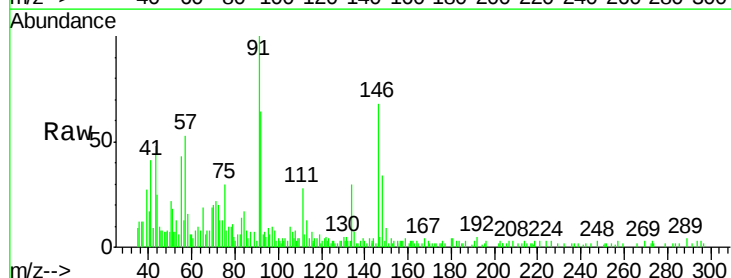
Tgt Ion: 146 Resp: 3223

Ion Ratio Lower Upper

146 100

111 47.1 19.7 59.1

148 73.8 32.1 96.5

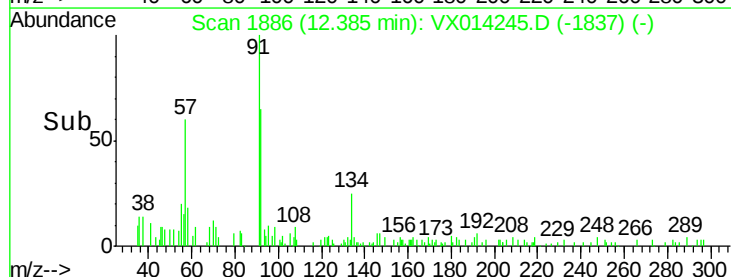


Abundance Ion 145.90 (145.60 to 146.60): VX014010.D (-1879) (-)

Ion 110.90 (110.60 to 111.60): VX014010.D (-1879) (-)

Ion 147.90 (147.60 to 148.60): VX014010.D (-1879) (-)

Time-->



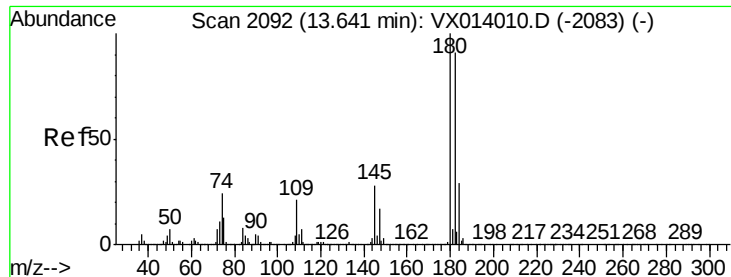
Abundance

Ion 145.90 (145.60 to 146.60): VX014245.D (-1837) (-)

Ion 110.90 (110.60 to 111.60): VX014245.D (-1837) (-)

Ion 147.90 (147.60 to 148.60): VX014245.D (-1837) (-)

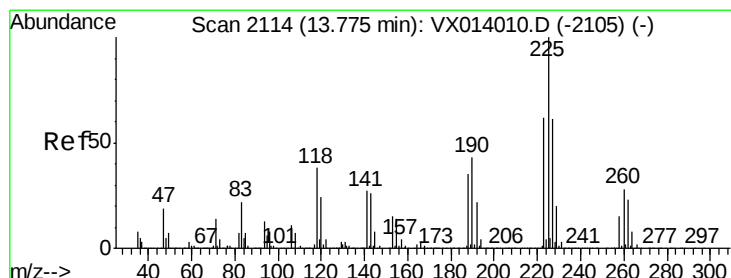
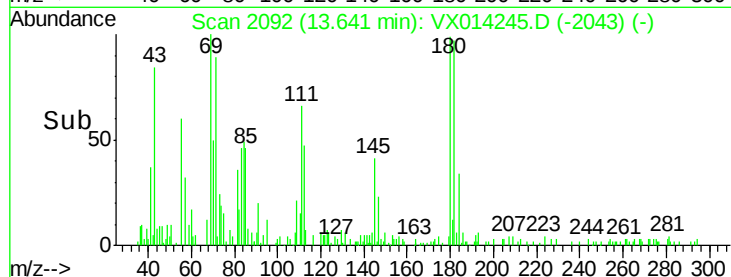
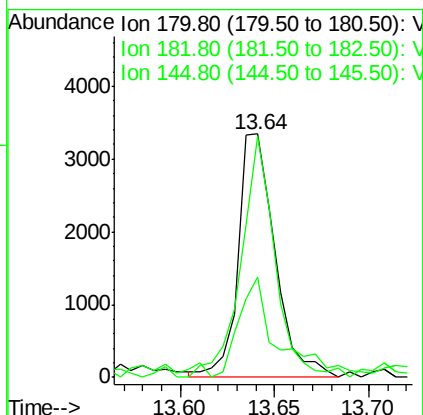
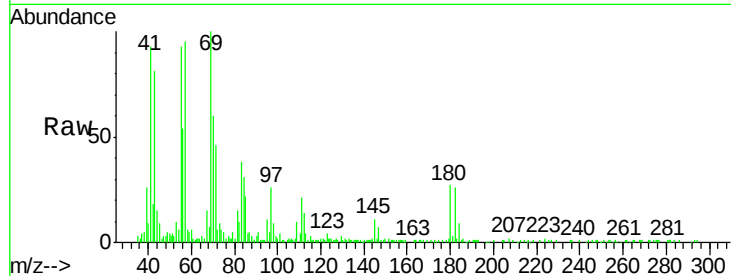
Time-->



#93
1,2,4-Trichlorobenzene
Concen: 0.592 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

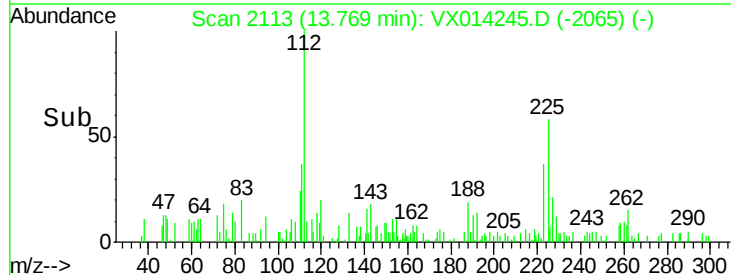
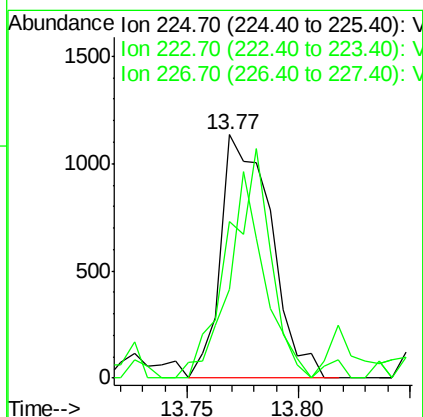
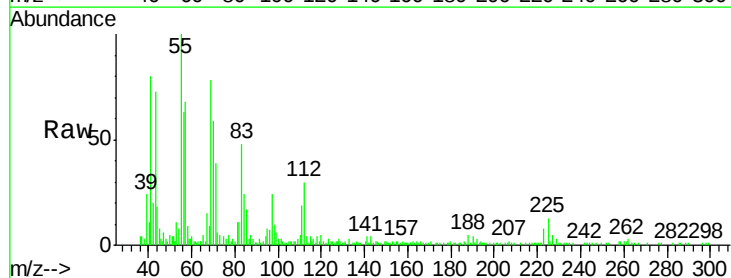
Instrument :
MSVOA_X
ClientSampleId :
C-WATER_12.20.19

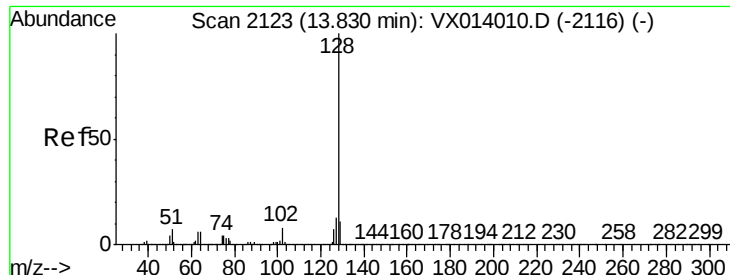
Tgt Ion:180 Resp: 4577
Ion Ratio Lower Upper
180 100
182 91.0 46.6 139.8
145 44.4 14.2 42.6#



#94
Hexachlorobutadiene
Concen: 0.479 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VX014245.D
Acq: 24 Dec 2019 15:15

Tgt Ion:225 Resp: 1780
Ion Ratio Lower Upper
225 100
223 78.9 30.9 92.5
227 62.1 30.9 92.7





#95

Naphthalene

Concen: 0.595 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014245.D

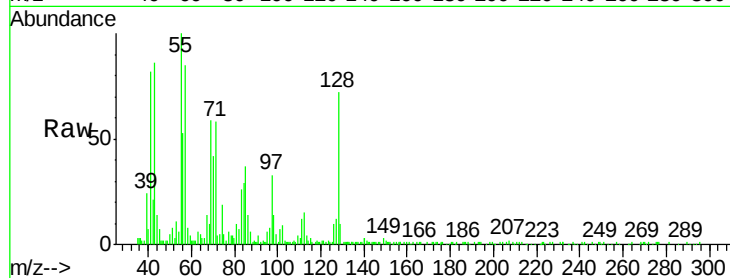
Acq: 24 Dec 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

C-WATER_12.20.19



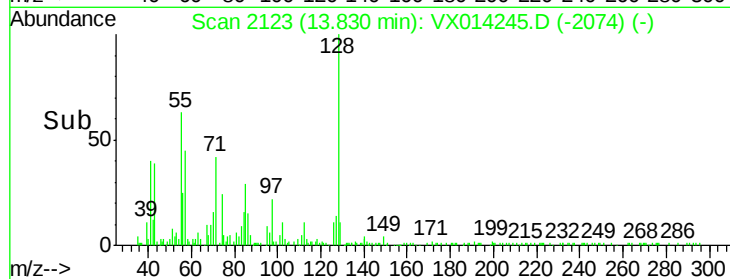
Tgt Ion:128 Resp: 13515

Ion Ratio Lower Upper

128 100

127 19.0 10.2 15.4#

129 15.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

