

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014247.D
 Acq On : 24 Dec 2019 16:01
 Operator : JC/SP
 Sample : K6405-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

Quant Time: Dec 25 05:42:36 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	550345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335916	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	302751	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	248395	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	1002051	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	342415	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1689	0.256	ug/l #	73
4) Vinyl Chloride	1.40	62	8574	1.230	ug/l	92
5) Bromomethane	1.64	94	1724	0.348	ug/l #	75
6) Chloroethane	1.66	64	1159	0.269	ug/l	94
8) Diethyl Ether	2.17	74	1010	0.249	ug/l	87
10) Methyl Iodide	2.51	142	2058	2.905	ug/l #	80
11) Tert butyl alcohol	3.03	59	1058	0.785	ug/l #	1
12) 1,1-Dichloroethene	2.36	96	1589	0.300	ug/l #	47
13) Acrolein	2.28	56	194	0.251	ug/l #	1
15) Acrylonitrile	3.14	53	1107	0.352	ug/l #	70
16) Acetone	2.44	43	14520	3.586	ug/l	95
17) Carbon Disulfide	2.57	76	4136	1.027	ug/l #	78
20) Methylene Chloride	2.84	84	1291	0.202	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	16235	2.784	ug/l	87
25) 2-Butanone	4.66	43	1245	0.249	ug/l #	49
27) cis-1,2-Dichloroethene	4.58	96	556313	84.340	ug/l	90
28) Bromochloromethane	5.02	49	622	0.607	ug/l #	89
29) Tetrahydrofuran	5.13	42	3757	1.345	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	38203	4.938	ug/l #	49
38) Carbon Tetrachloride	5.65	117	48050	6.817	ug/l #	16
44) Trichloroethene	7.21	130	664771	101.100	ug/l	98
49) 1,4-Dioxane	7.76	88	317	2.250	ug/l #	23
51) 4-Methyl-2-Pentanone	8.66	43	1885	0.212	ug/l #	35
55) 1,1,2-Trichloroethane	9.34	97	49820	8.261	ug/l #	1
60) Dibromochloromethane	9.34	129	5955747	993.529	ug/l #	11
64) Tetrachloroethene	9.34	164	6721041	1013.701	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	163788	22.459	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	163765	63.383	ug/l #	11
88) 1,4-Dichlorobenzene	12.09	146	3579	0.309	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.64	180	2772	0.371	ug/l	91
95) Naphthalene	13.83	128	5423	0.247	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	2030	0.276	ug/l #	85

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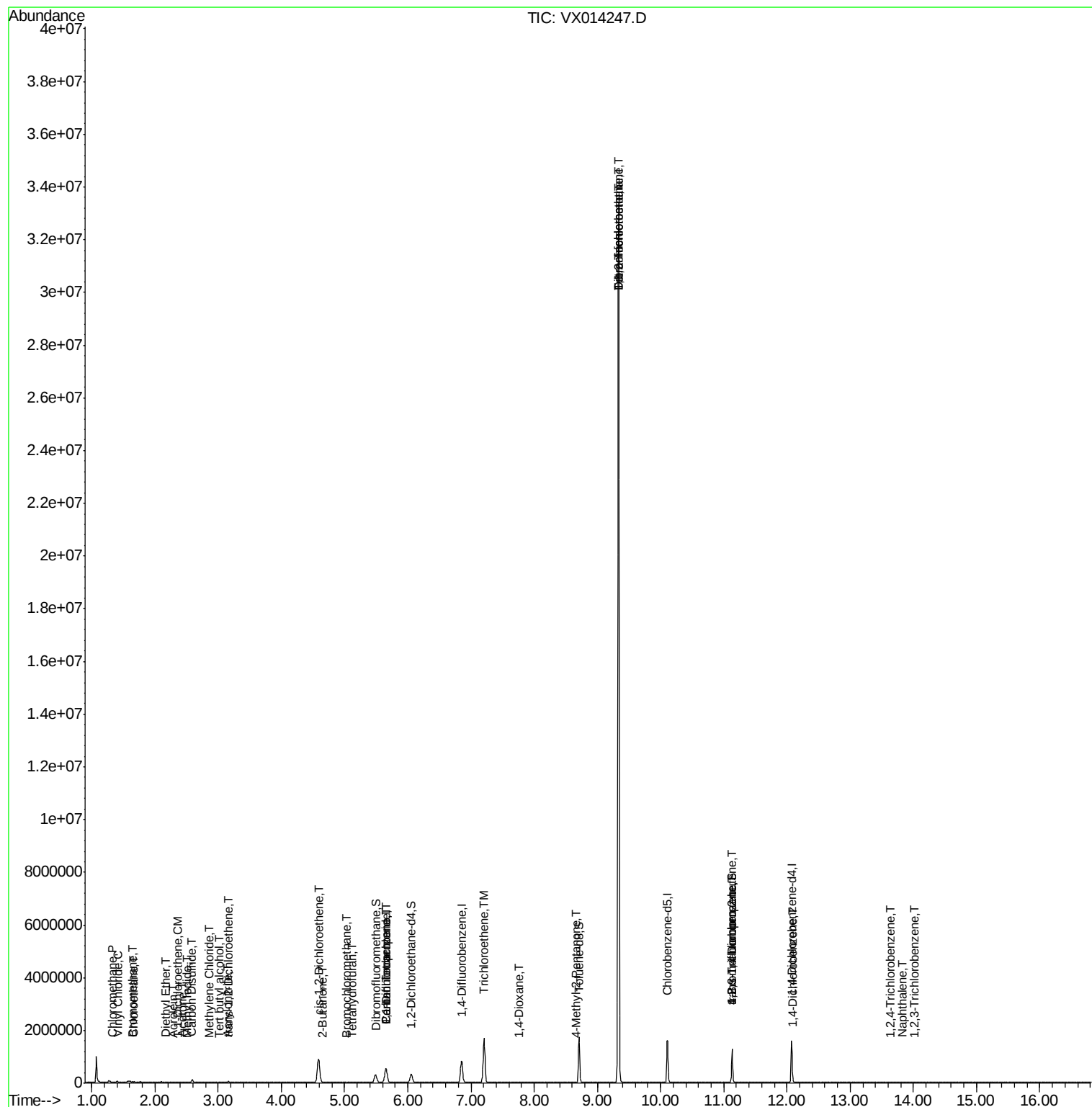
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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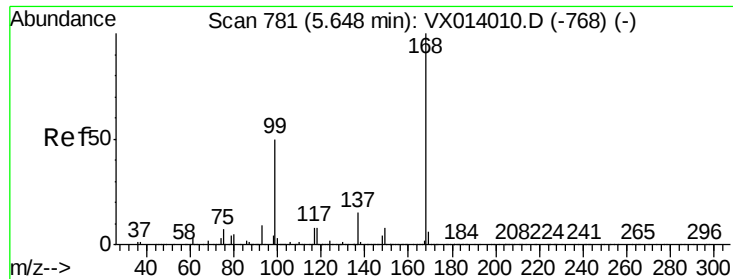
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

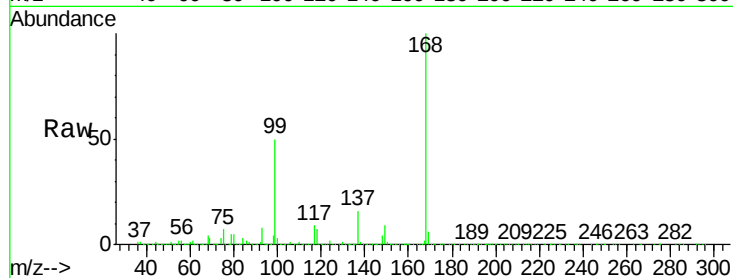
991-MW-01-(23)

Tgt Ion:168 Resp: 550345

Ion Ratio Lower Upper

168 100

99 50.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

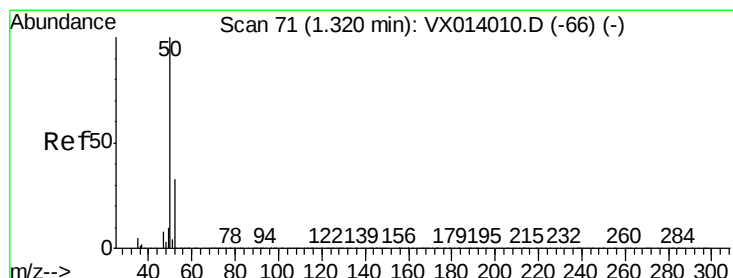
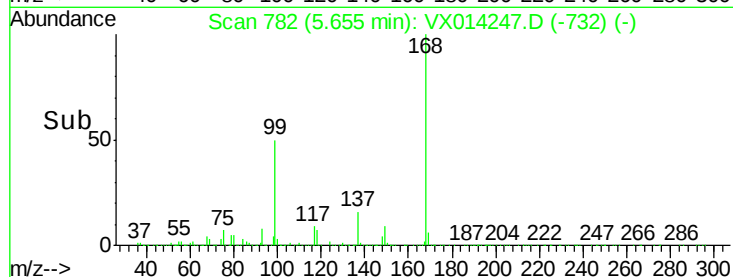
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.256 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014247.D

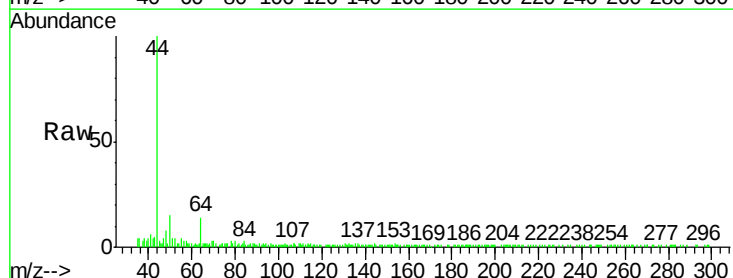
Acq: 24 Dec 2019 16:01

Tgt Ion: 50 Resp: 1689

Ion Ratio Lower Upper

50 100

52 17.7 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

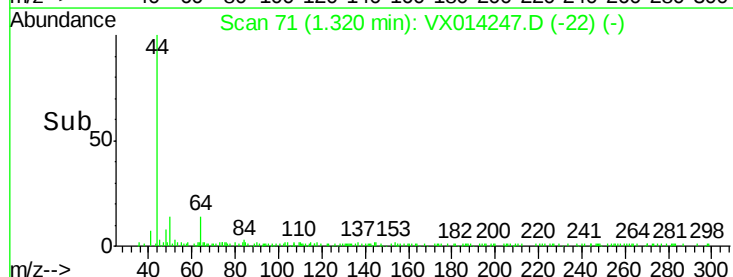
1000

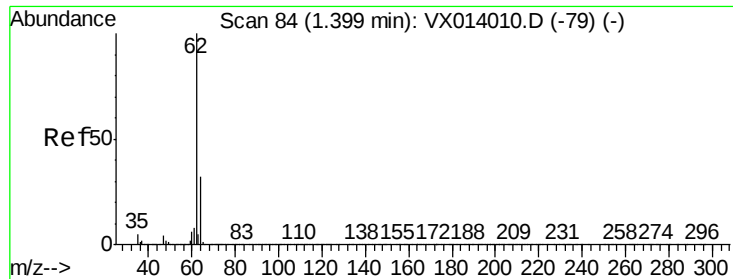
500

0

1.28 1.30 1.32 1.34 1.36

Time-->





#4

Vinyl Chloride

Concen: 1.230 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

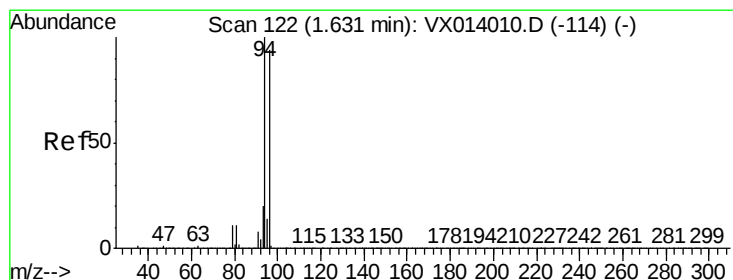
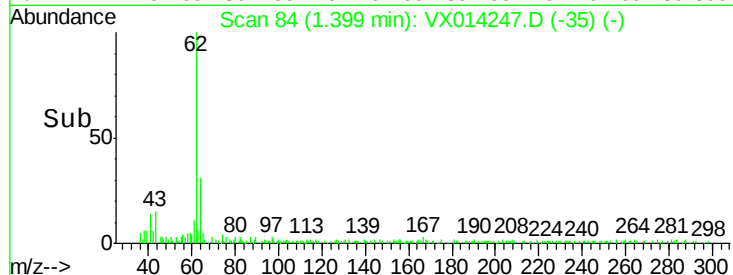
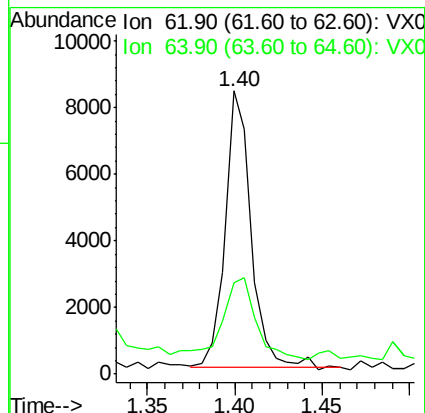
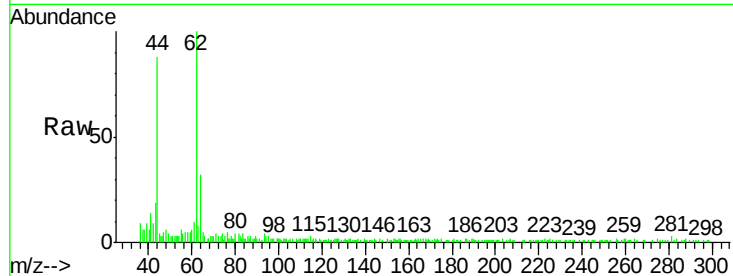
991-MW-01-(23)

Tgt Ion: 62 Resp: 8574

Ion Ratio Lower Upper

62 100

64 27.5 25.7 38.5



#5

Bromomethane

Concen: 0.348 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014247.D

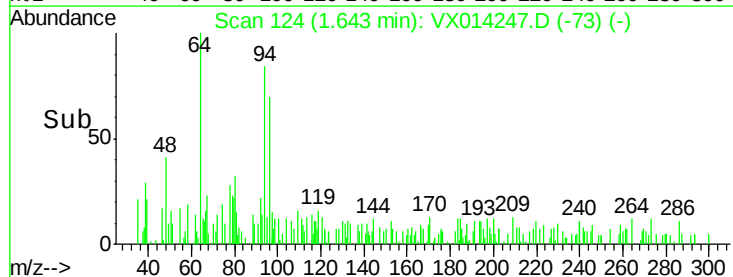
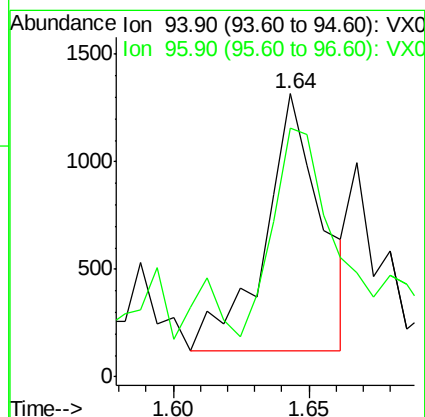
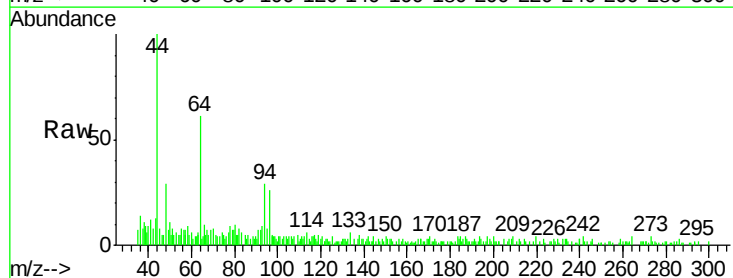
Acq: 24 Dec 2019 16:01

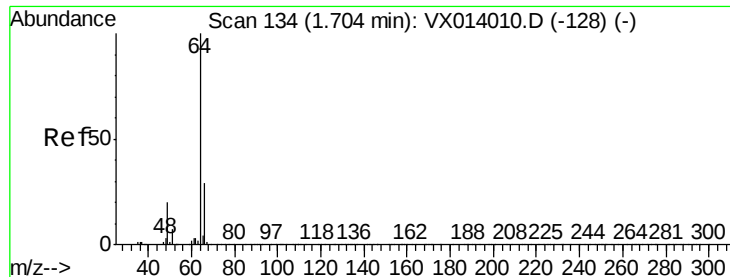
Tgt Ion: 94 Resp: 1724

Ion Ratio Lower Upper

94 100

96 69.7 75.2 112.8#





#6

Chloroethane

Concen: 0.269 ug/l

RT: 1.66 min Scan# 126

Delta R.T. -0.05 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

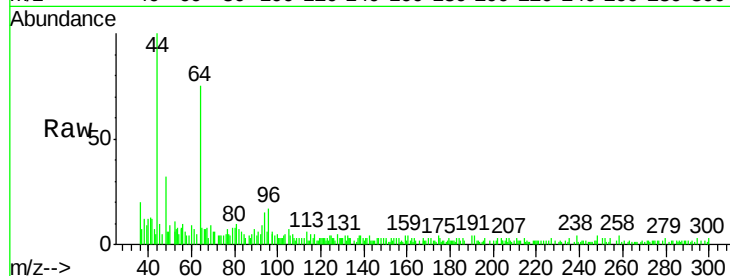
991-MW-01-(23)

Tgt Ion: 64 Resp: 1159

Ion Ratio Lower Upper

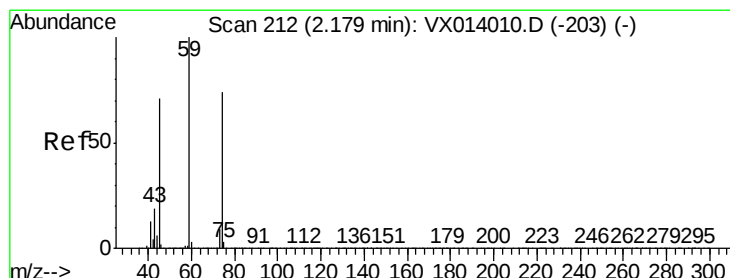
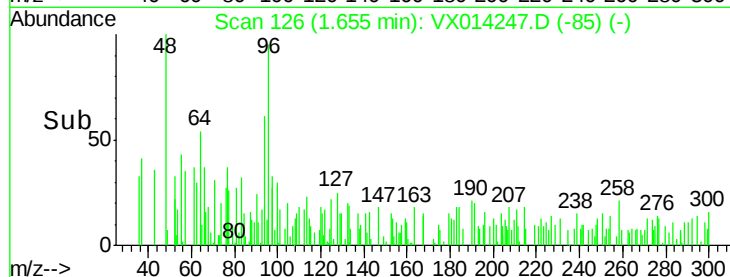
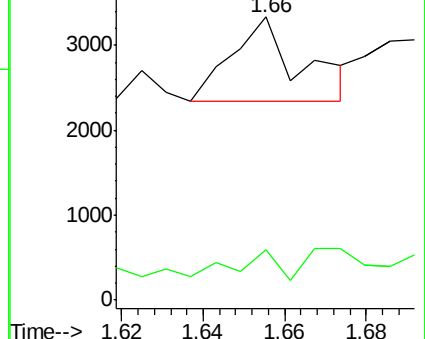
64 100

66 32.6 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.249 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX014247.D

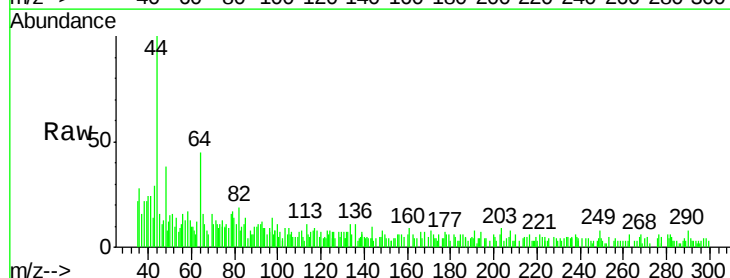
Acq: 24 Dec 2019 16:01

Tgt Ion: 74 Resp: 1010

Ion Ratio Lower Upper

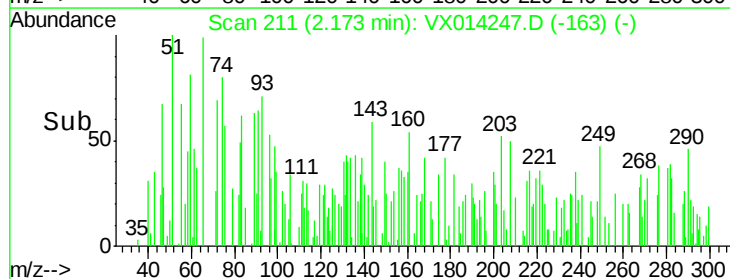
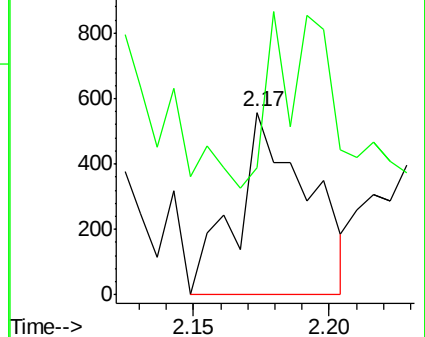
74 100

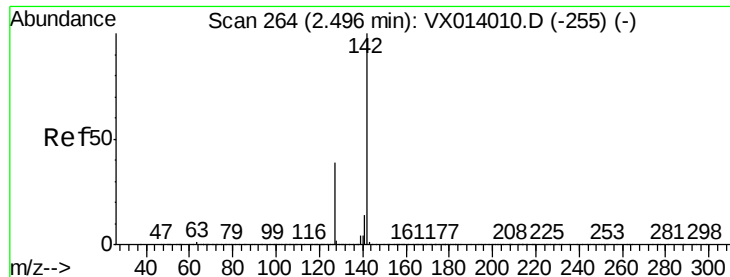
45 83.5 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

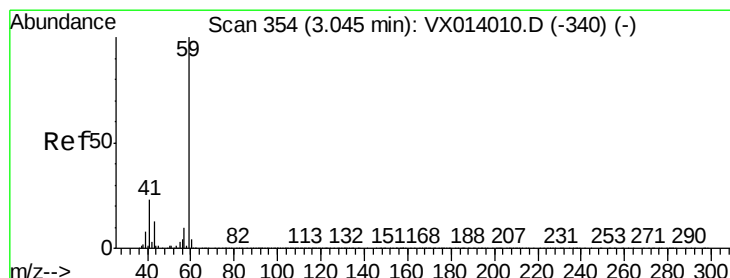
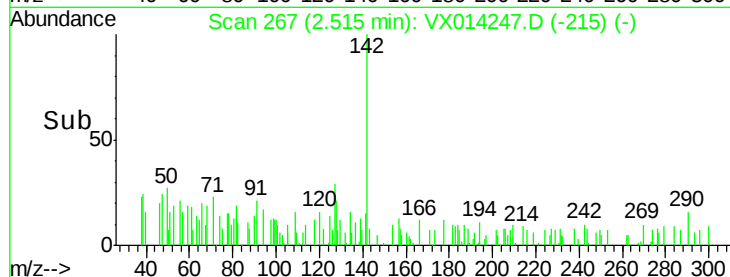
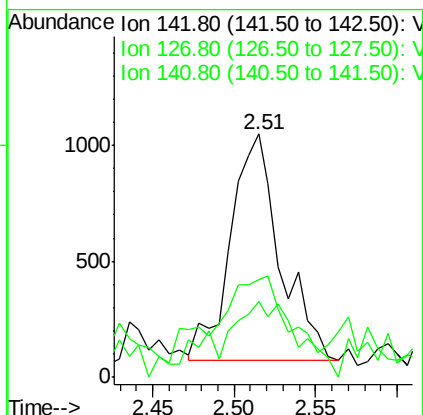
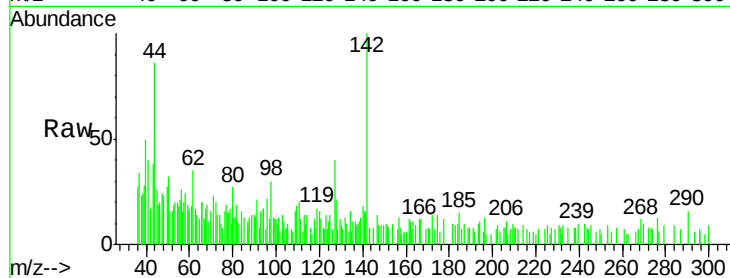




#10
Methyl Iodide
Concen: 2.905 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

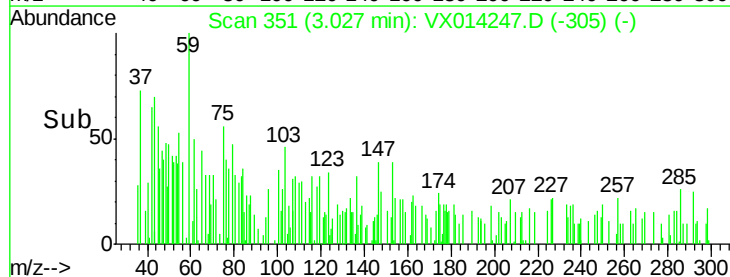
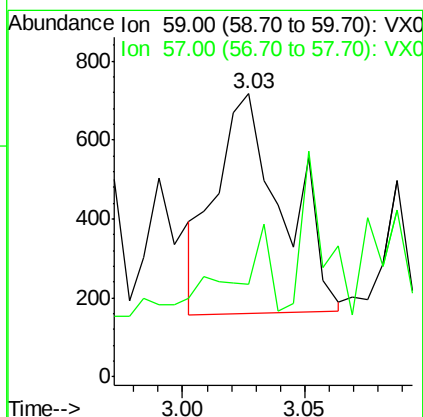
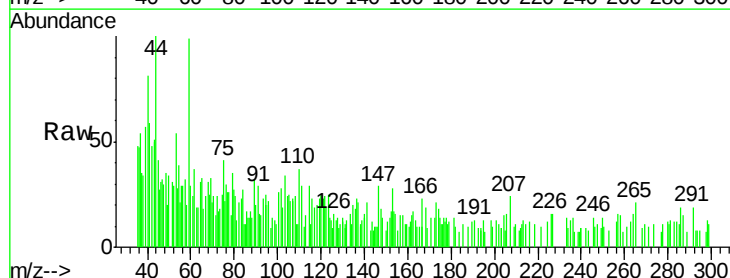
Instrument :
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ClientSampled :
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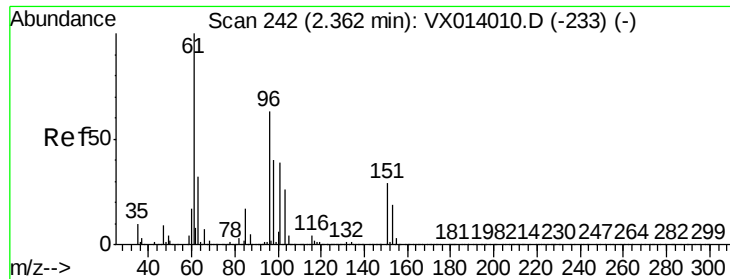
Tgt Ion: 142 Resp: 2058
Ion Ratio Lower Upper
142 100
127 41.0 31.6 47.4
141 42.2 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.785 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion: 59 Resp: 1058
Ion Ratio Lower Upper
59 100
57 57.8 8.4 12.6#





#12

1,1-Dichloroethene

Concen: 0.300 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

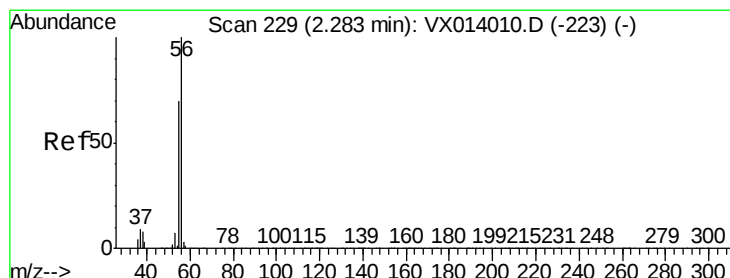
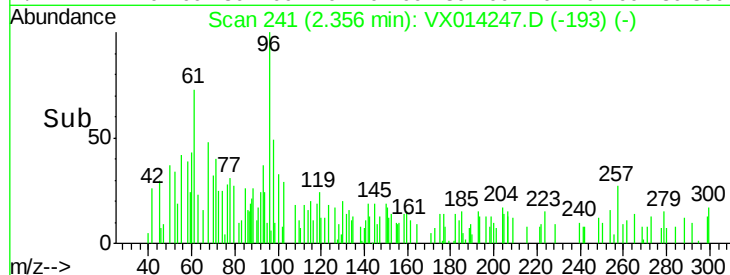
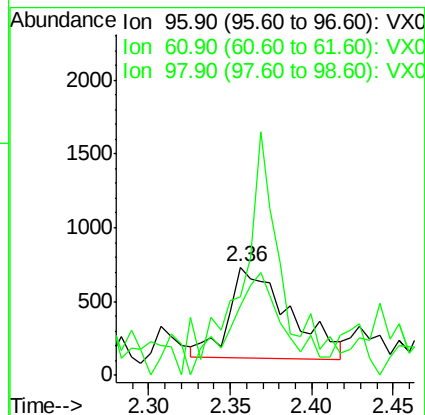
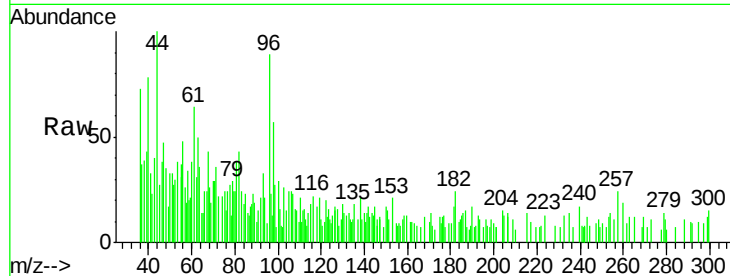
Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

96 100

61 70.3 127.9 191.9#

98 51.9 50.5 75.7



#13

Acrolein

Concen: 0.251 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014247.D

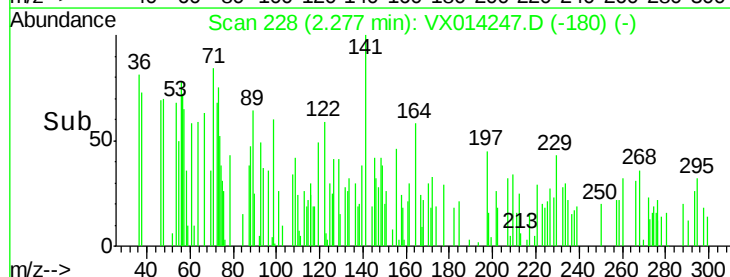
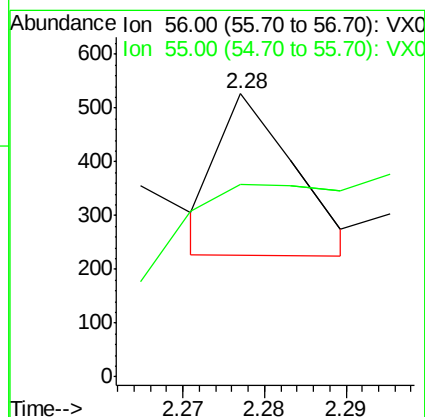
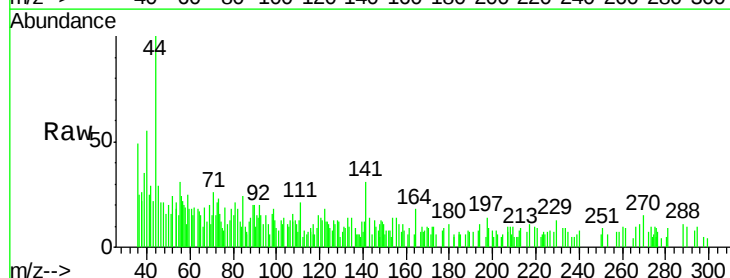
Acq: 24 Dec 2019 16:01

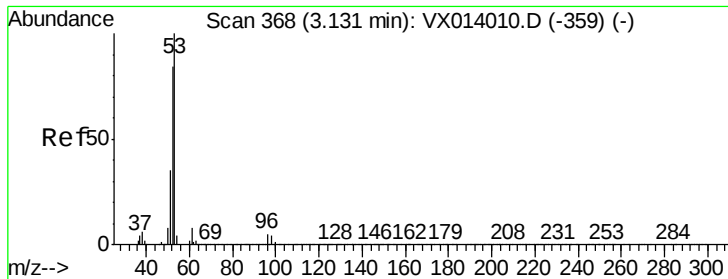
Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 191.8 56.9 85.3#

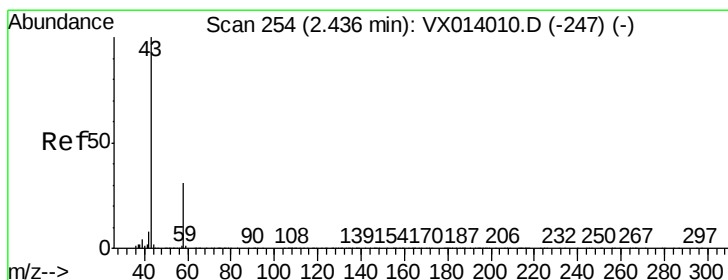
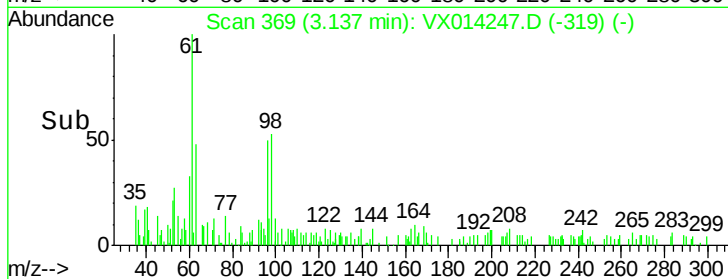
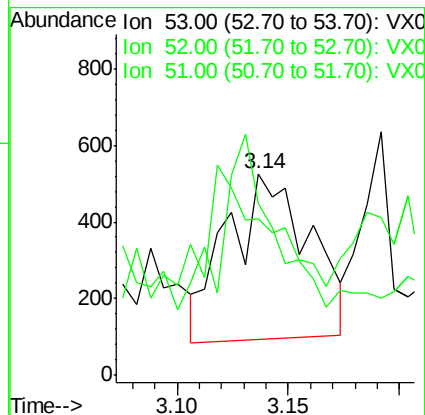
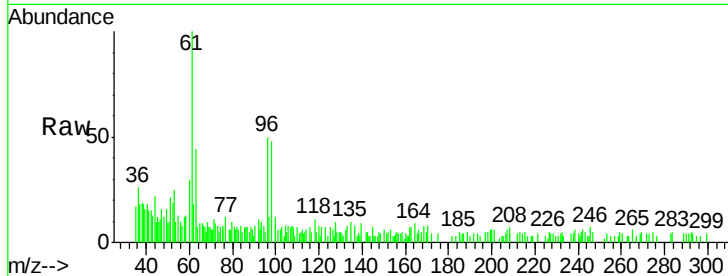




#15
Acrylonitrile
Concen: 0.352 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

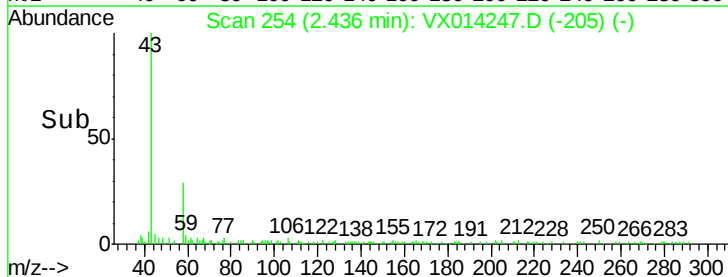
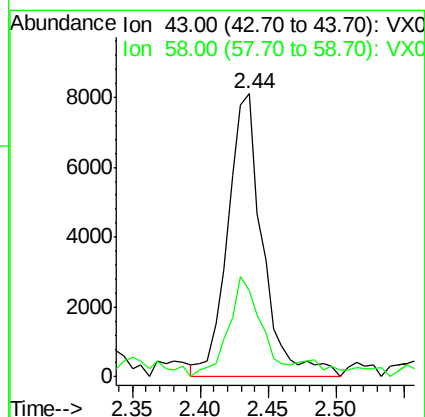
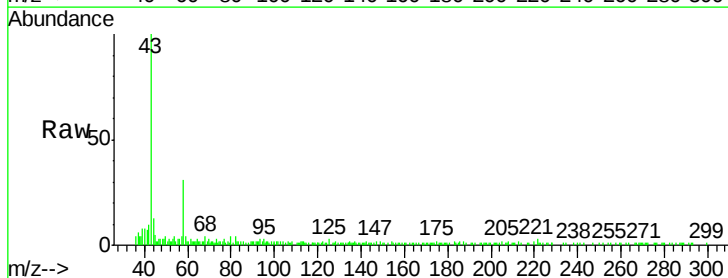
Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)

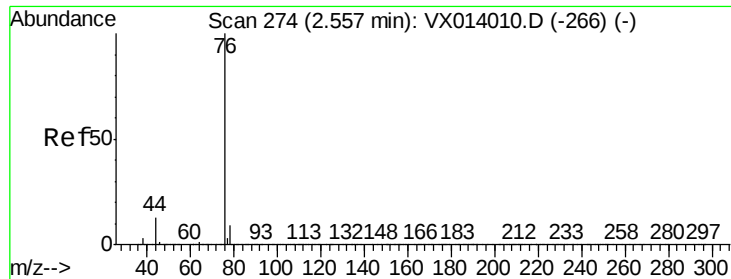
Tgt Ion: 53 Resp: 1107
Ion Ratio Lower Upper
53 100
52 64.9 66.5 99.7#
51 65.8 28.1 42.1#



#16
Acetone
Concen: 3.586 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion: 43 Resp: 14520
Ion Ratio Lower Upper
43 100
58 28.1 24.9 37.3

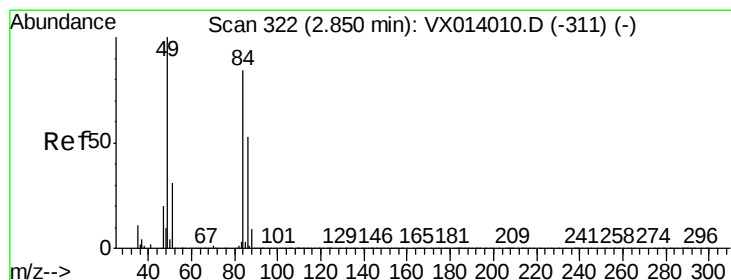
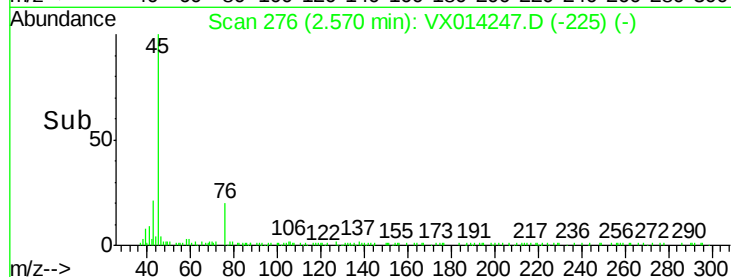
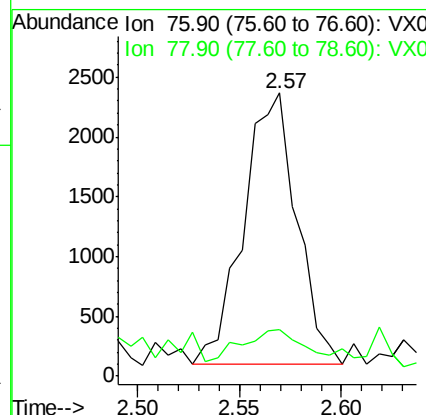
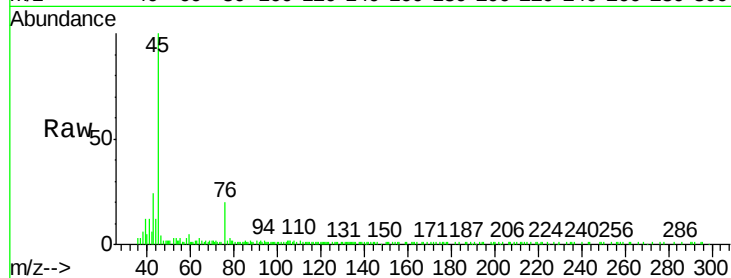




#17
Carbon Disulfide
Concen: 1.027 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

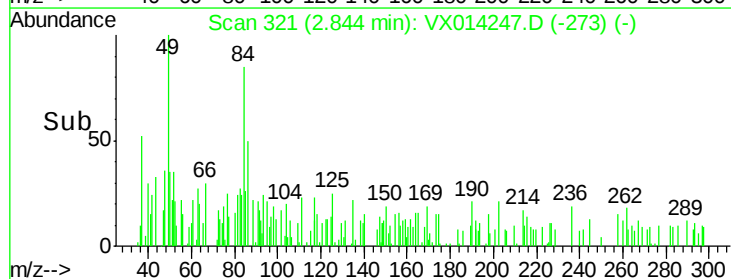
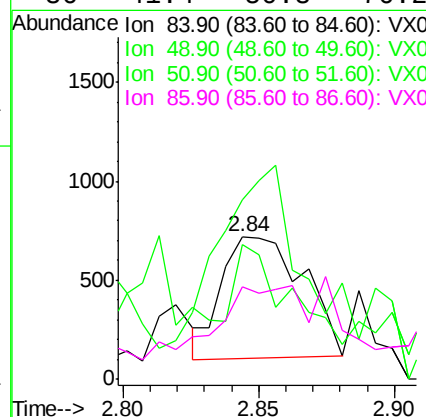
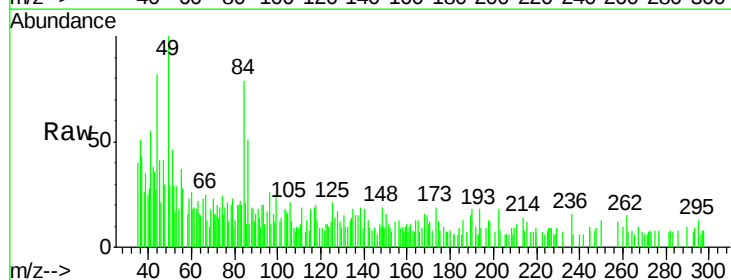
Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)

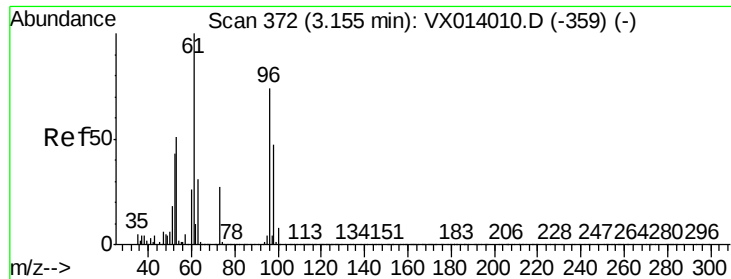
Tgt Ion: 76 Resp: 4136
Ion Ratio Lower Upper
76 100
78 1.1 7.2 10.8#



#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion: 84 Resp: 1291
Ion Ratio Lower Upper
84 100
49 94.2 95.8 143.6#
51 37.3 29.8 44.8
86 41.4 50.8 76.2#





#21

trans-1,2-Dichloroethene

Concen: 2.784 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

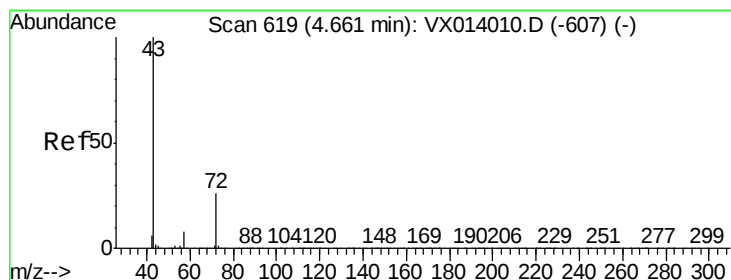
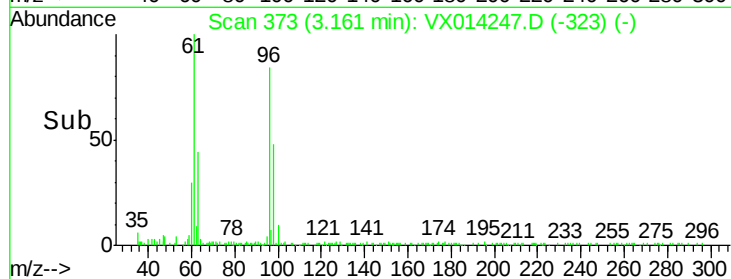
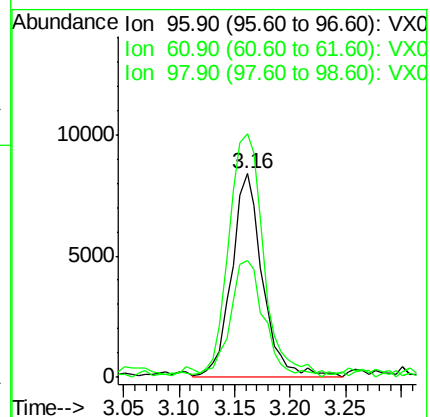
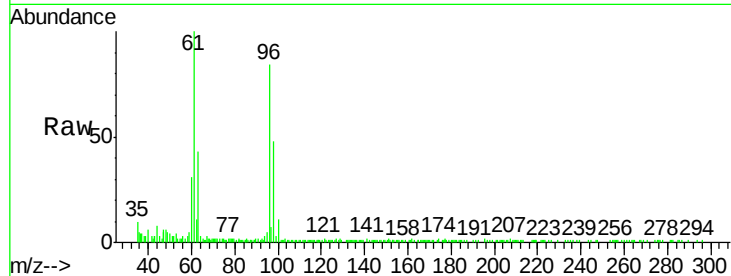
Tgt Ion: 96 Resp: 16235

Ion Ratio Lower Upper

96 100

61 117.3 108.3 162.5

98 55.8 50.8 76.2



#25

2-Butanone

Concen: 0.249 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014247.D

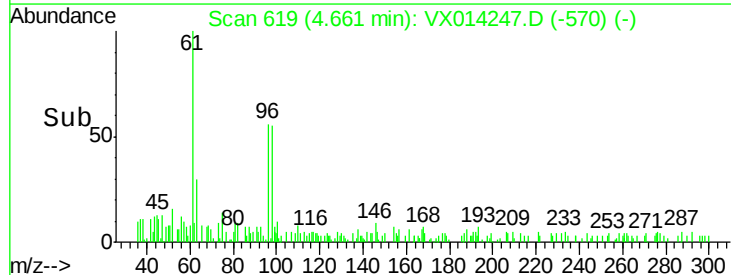
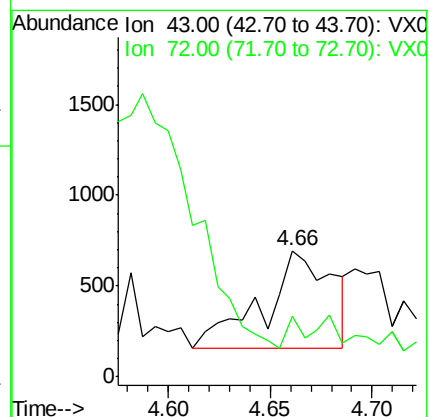
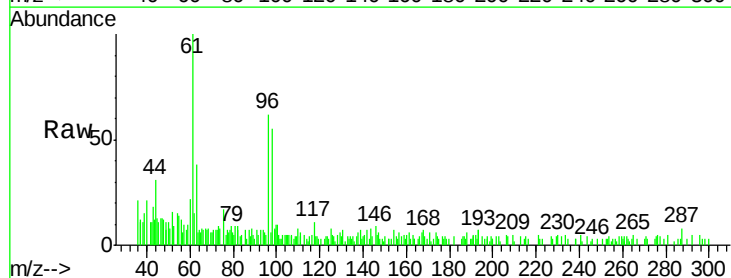
Acq: 24 Dec 2019 16:01

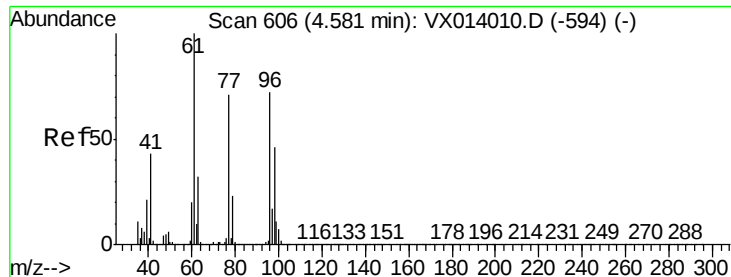
Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



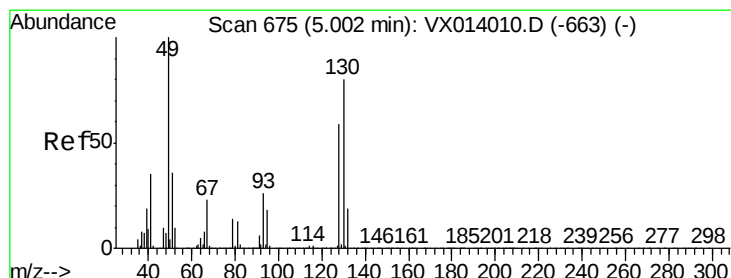
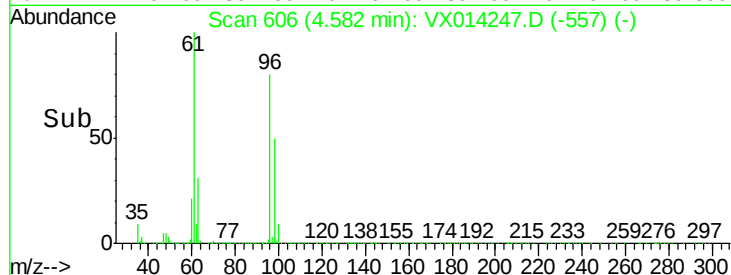
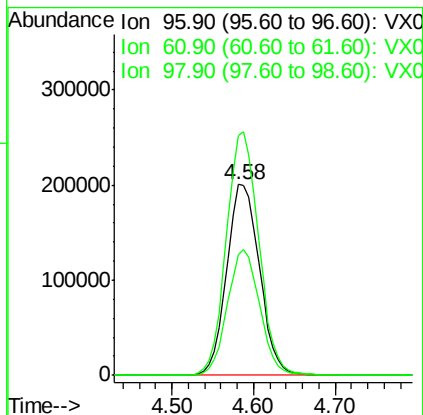
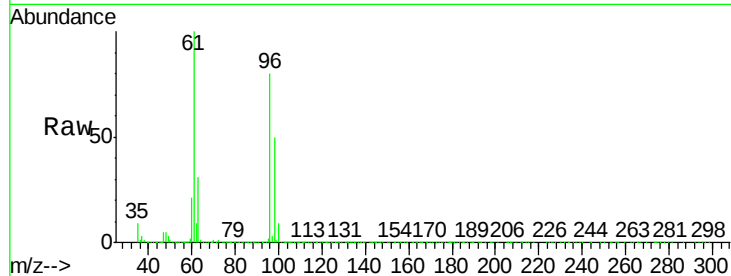


#27

cis-1,2-Dichloroethene
Concen: 84.340 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)

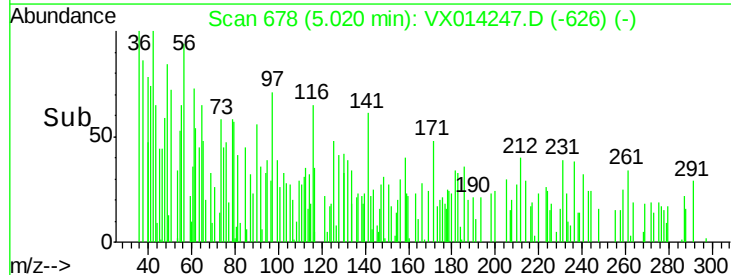
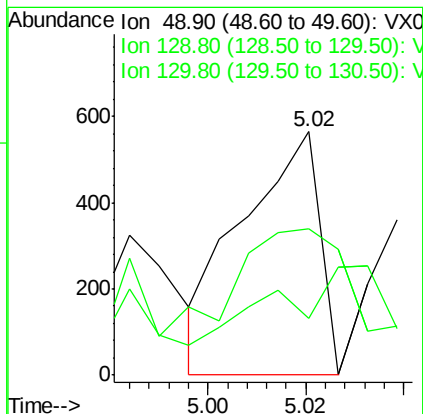
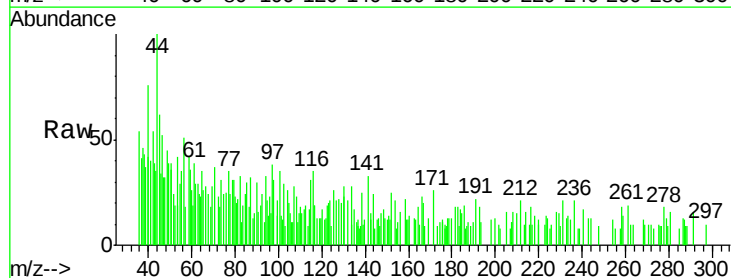
Tgt Ion: 96 Resp: 556313
Ion Ratio Lower Upper
96 100
61 126.5 0.0 288.4
98 64.8 0.0 129.6

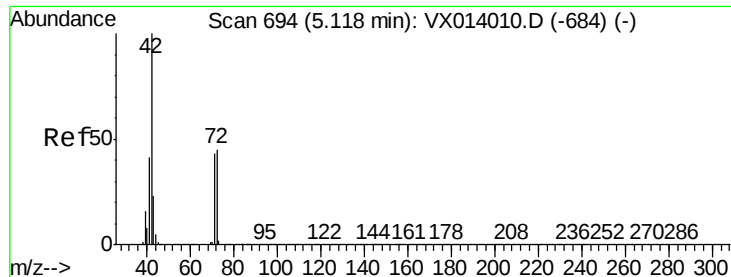


#28

Bromochloromethane
Concen: 0.607 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.02 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion: 49 Resp: 622
Ion Ratio Lower Upper
49 100
129 54.2 0.0 5.0#
130 74.6 64.6 97.0





#29

Tetrahydrofuran

Concen: 1.345 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

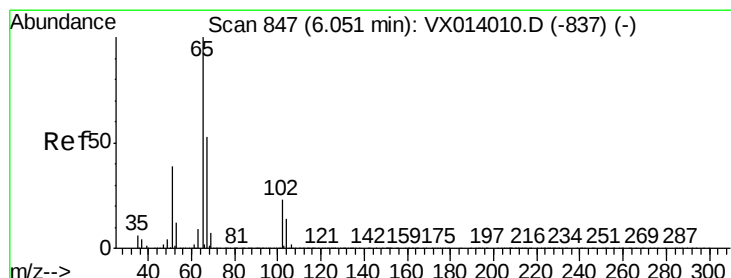
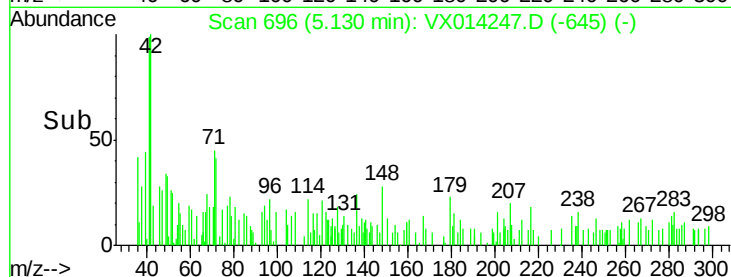
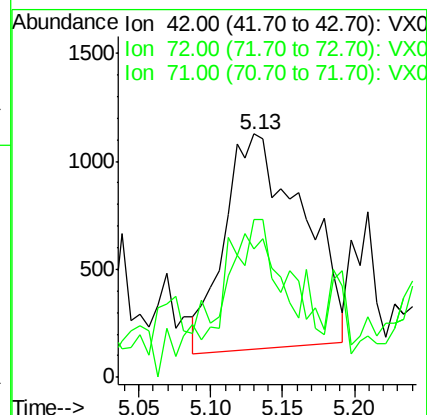
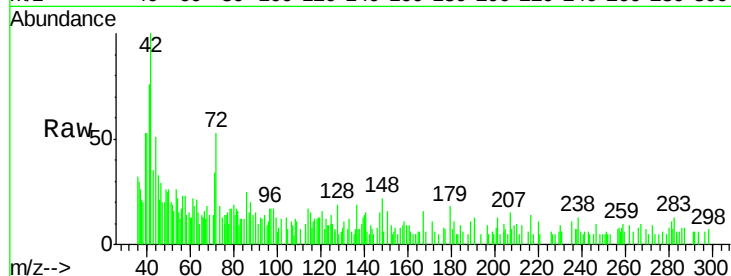
Tgt Ion: 42 Resp: 3757

Ion Ratio Lower Upper

42 100

72 37.2 35.8 53.8

71 28.5 33.6 50.4#



#33

1,2-Dichloroethane-d4

Concen: 48.538 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014247.D

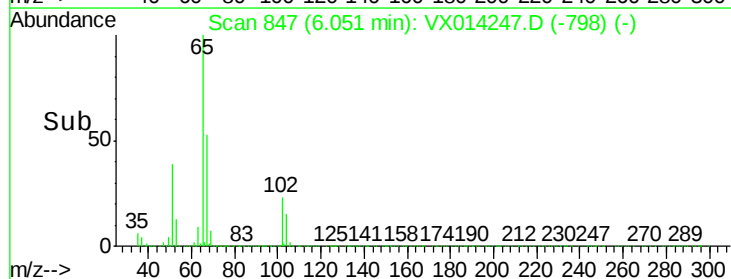
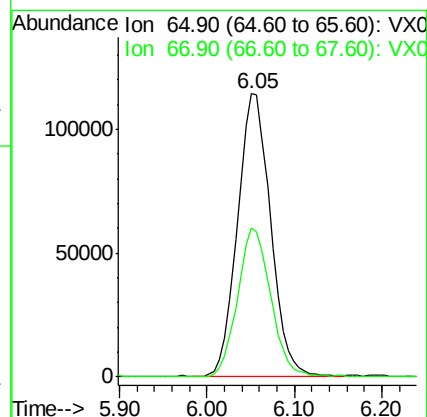
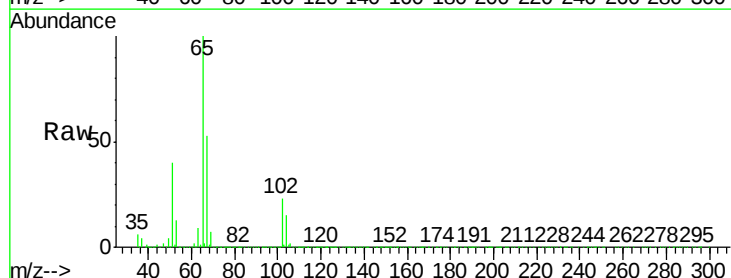
Acq: 24 Dec 2019 16:01

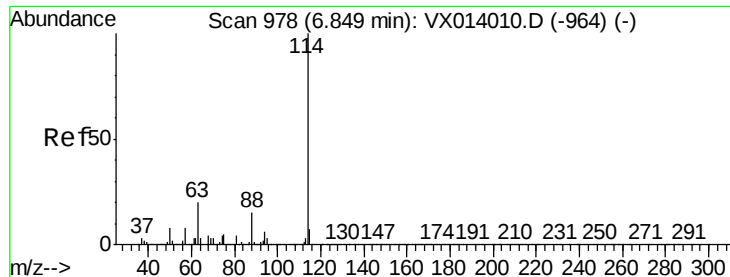
Tgt Ion: 65 Resp: 302751

Ion Ratio Lower Upper

65 100

67 52.0 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: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

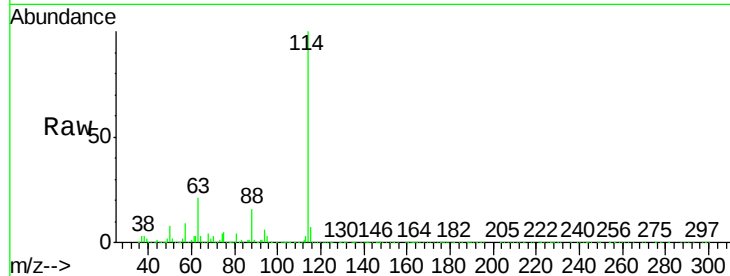
Tgt Ion:114 Resp: 843221

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

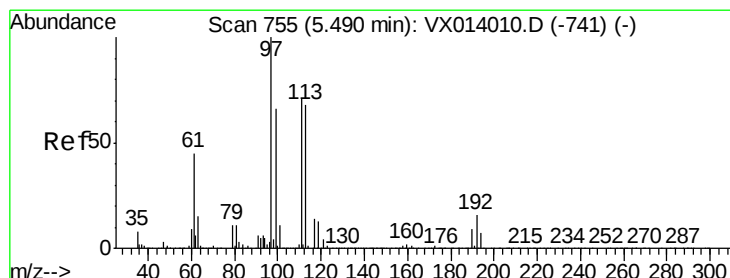
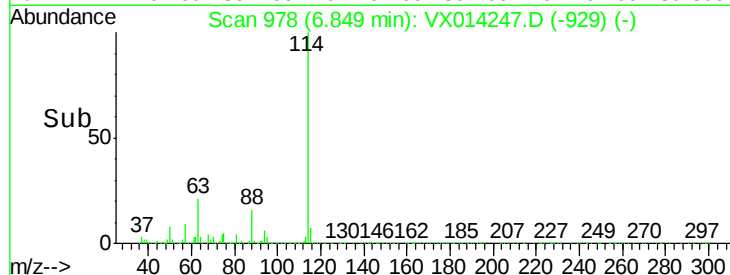
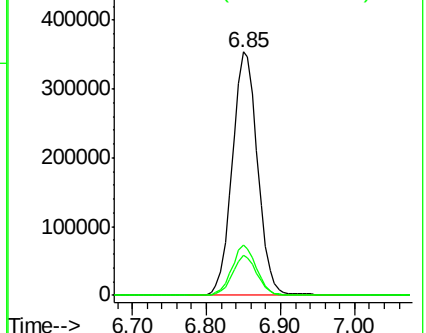
88 16.2 0.0 30.4



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: 48.459 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

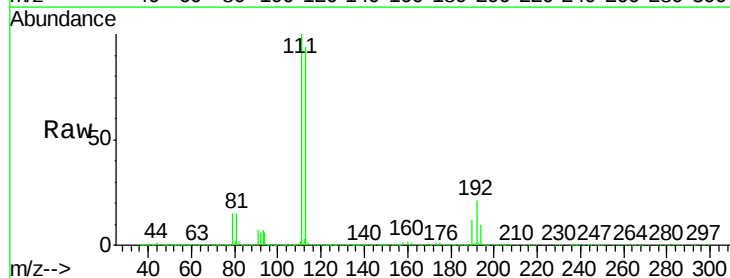
Tgt Ion:113 Resp: 248395

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

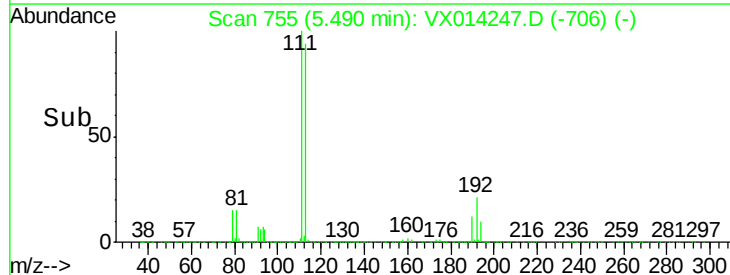
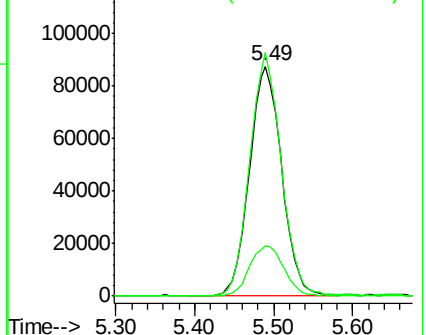
192 23.6 19.3 28.9

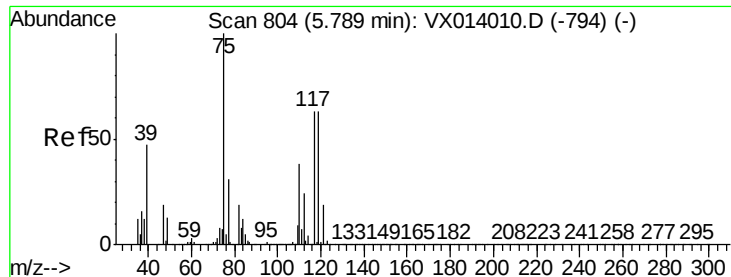


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

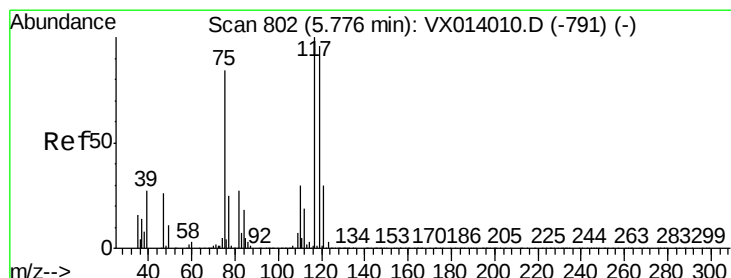
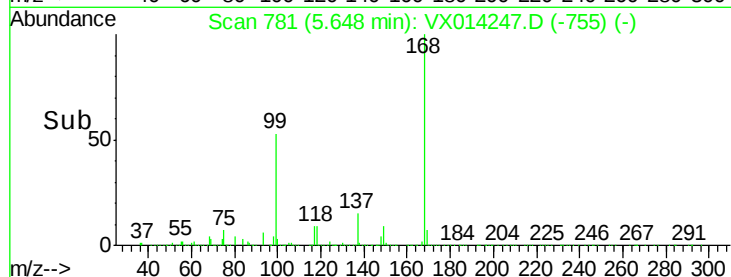
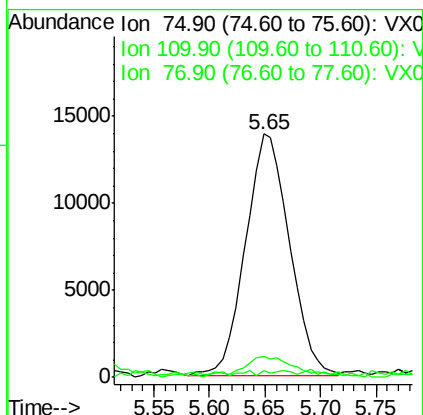
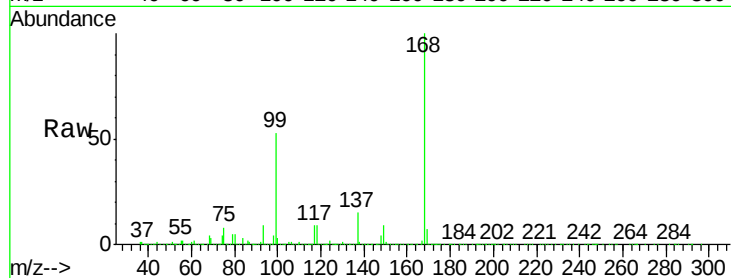




#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

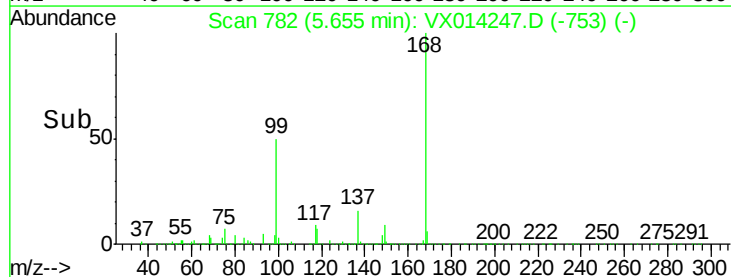
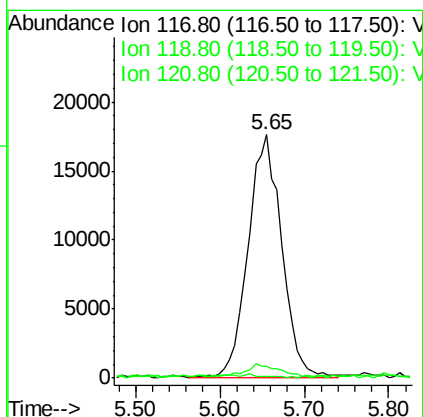
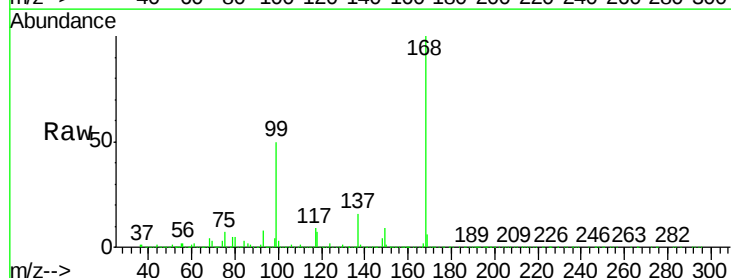
Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

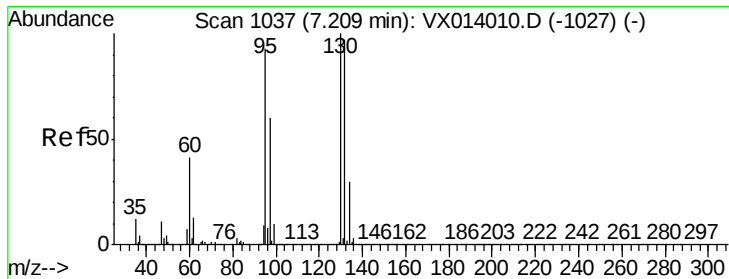
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.3	54.9#
77	1.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.817 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.4#
121	0.1	23.6	35.4#

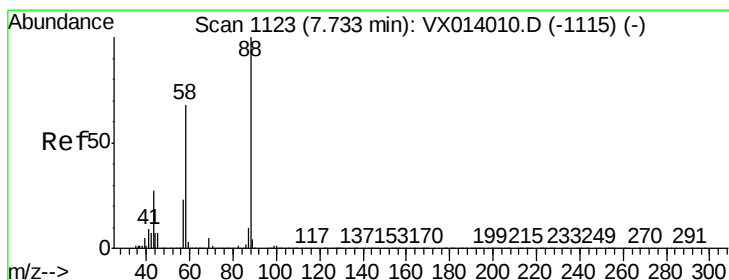
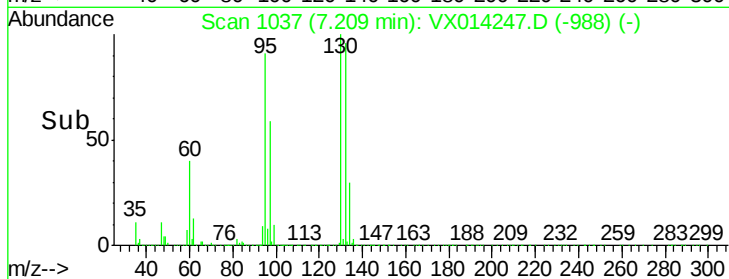
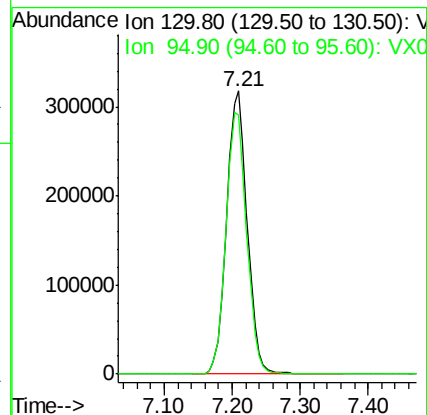
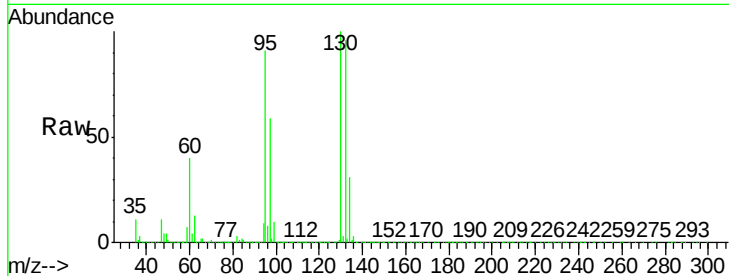




#44
 Trichloroethene
 Concen: 101.100 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

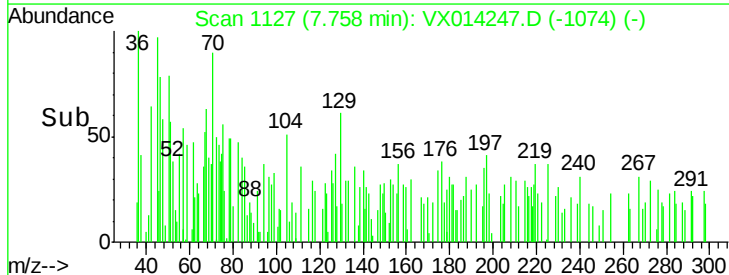
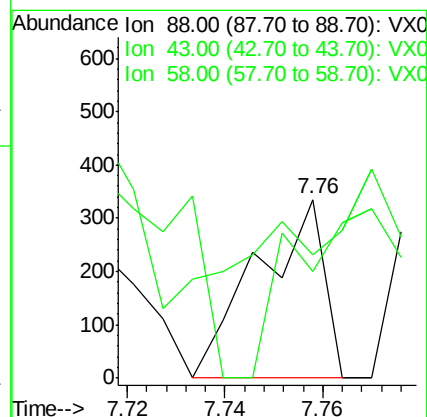
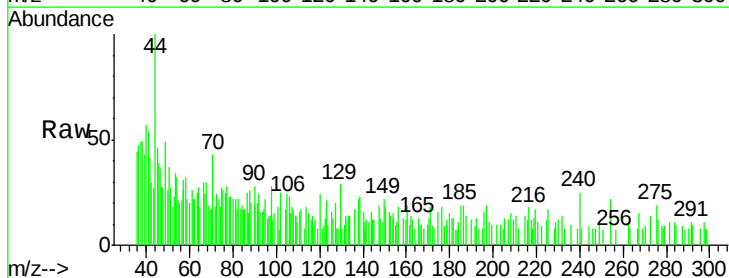
Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

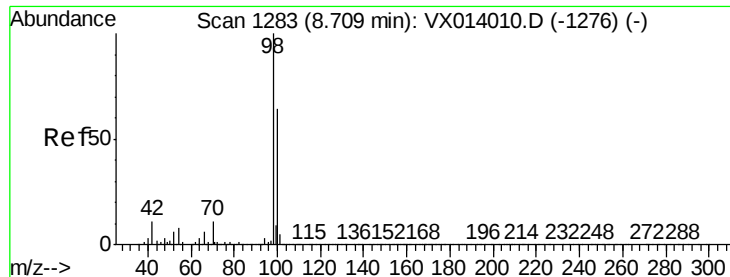
Tgt Ion: 130 Resp: 664771
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 185.6



#49
 1,4-Dioxane
 Concen: 2.250 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. 0.02 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion: 88 Resp: 317
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.5 39.7#
 58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 50.213 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

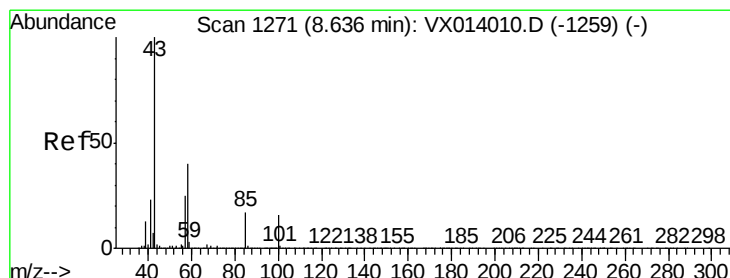
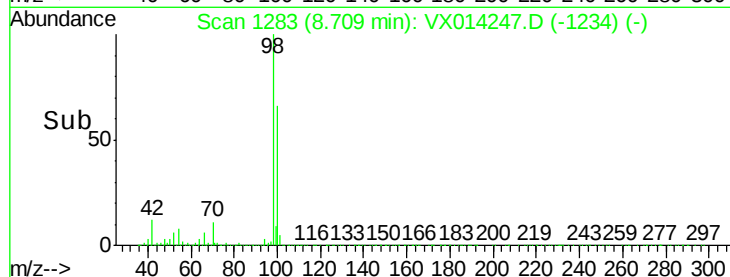
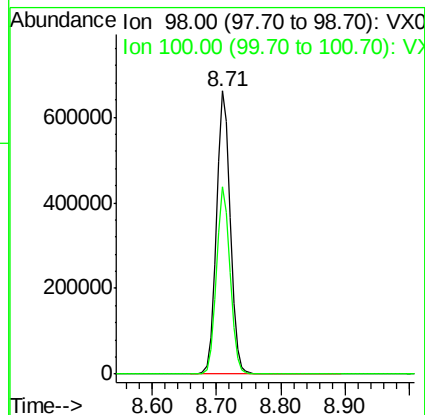
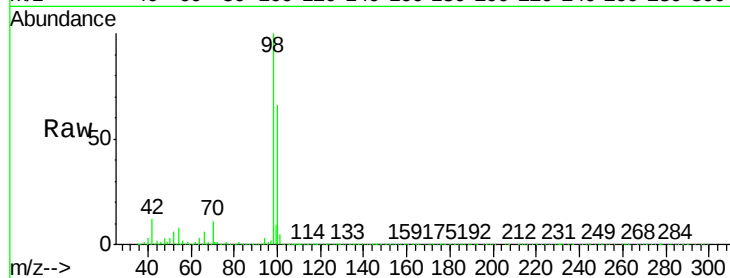
991-MW-01-(23)

Tgt Ion: 98 Resp: 1002051

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.212 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX014247.D

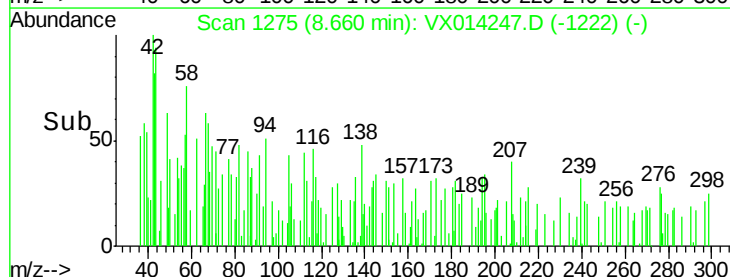
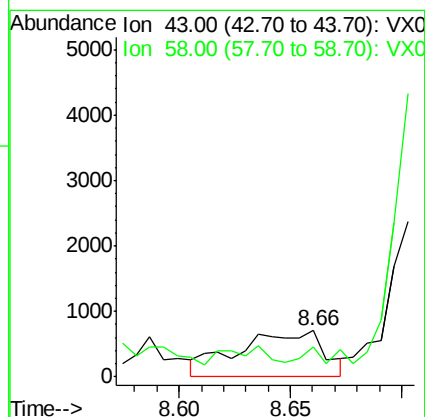
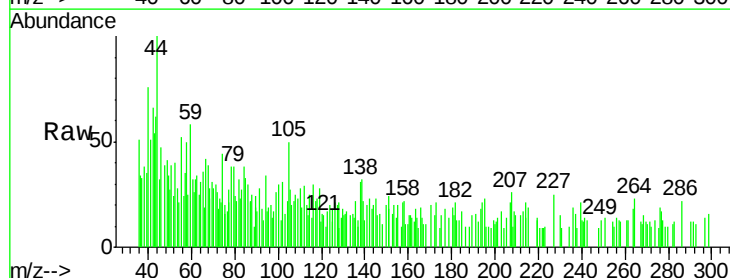
Acq: 24 Dec 2019 16:01

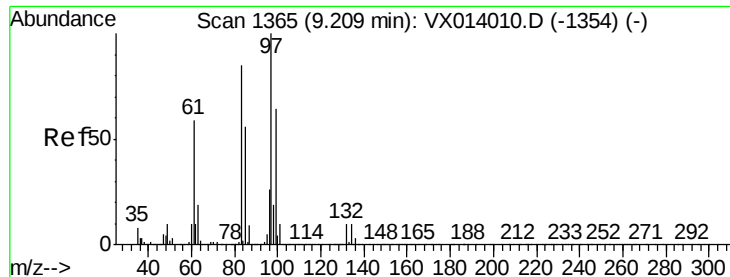
Tgt Ion: 43 Resp: 1885

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.2#

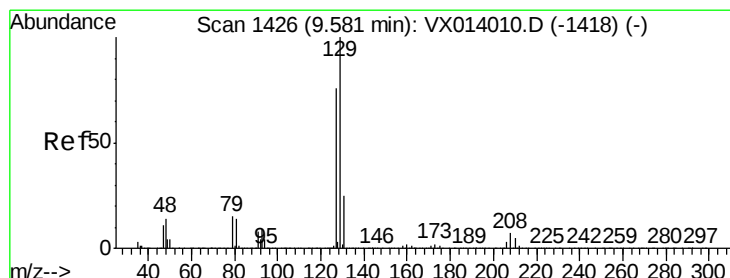
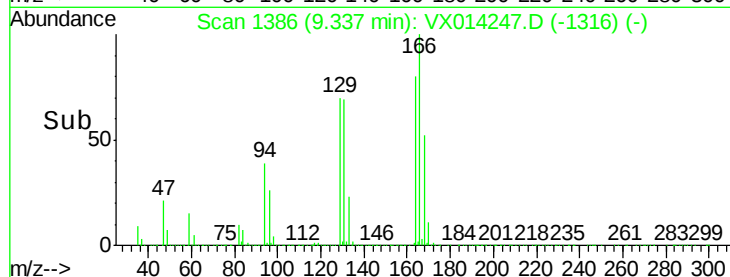
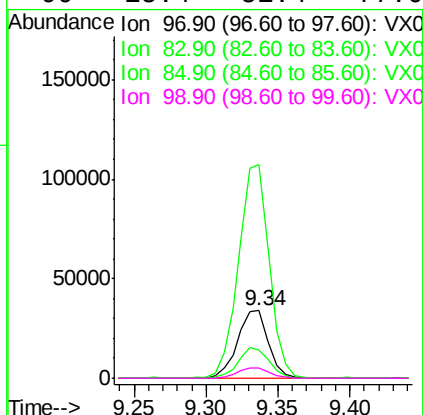
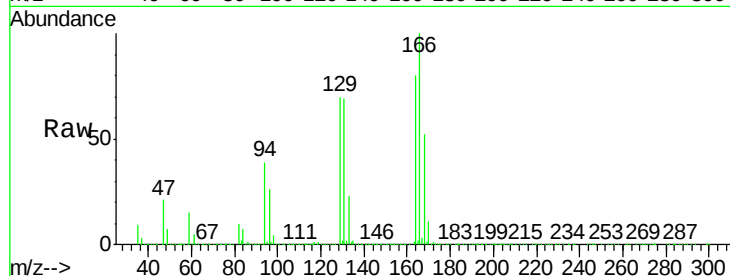




#55
 1,1,2-Trichloroethane
 Concen: 8.261 ug/l
 RT: 9.34 min Scan# 1386
 Delta R.T. 0.13 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

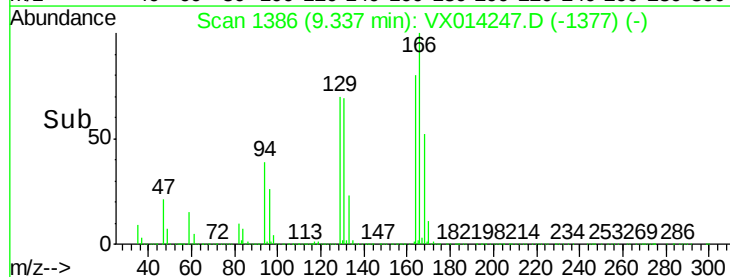
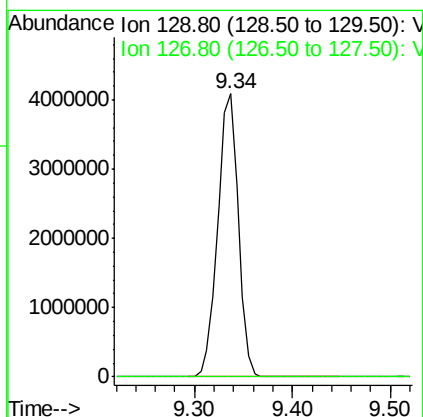
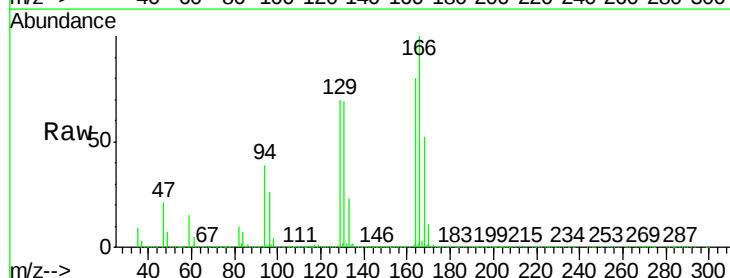
Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

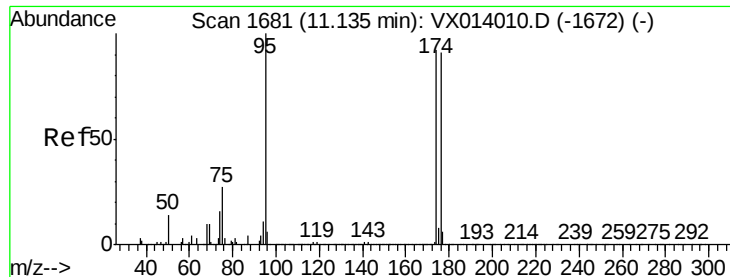
Tgt Ion: 97 Resp: 49820
 Ion Ratio Lower Upper
 97 100
 83 317.8 68.2 102.4#
 85 41.7 44.6 66.8#
 99 15.4 51.4 77.0#



#60
 Dibromochloromethane
 Concen: 993.529 ug/l
 RT: 9.34 min Scan# 1386
 Delta R.T. -0.24 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion: 129 Resp: 5955747
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.4 115.2#





#62

4-Bromofluorobenzene

Concen: 46.939 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

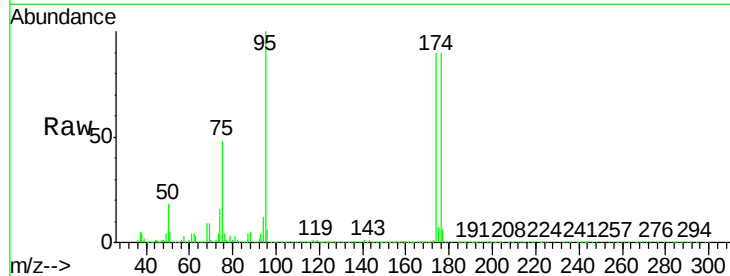
Tgt Ion: 95 Resp: 342415

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

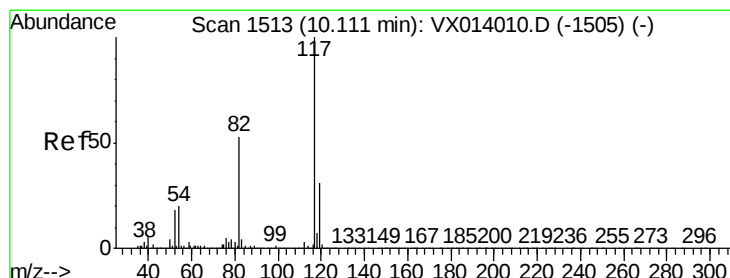
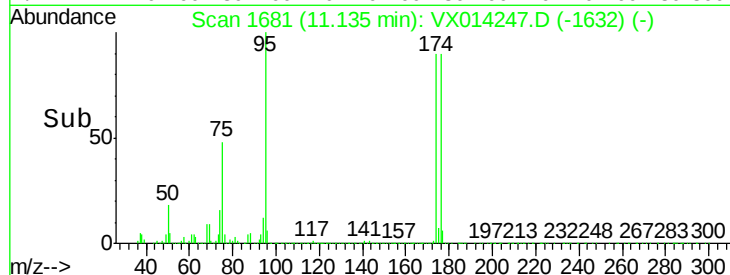
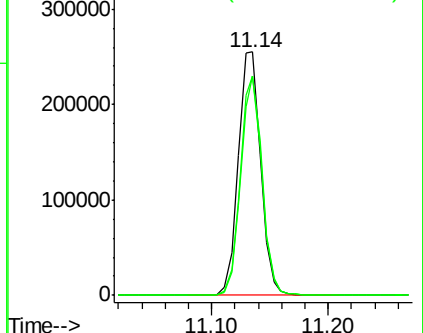
176 84.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

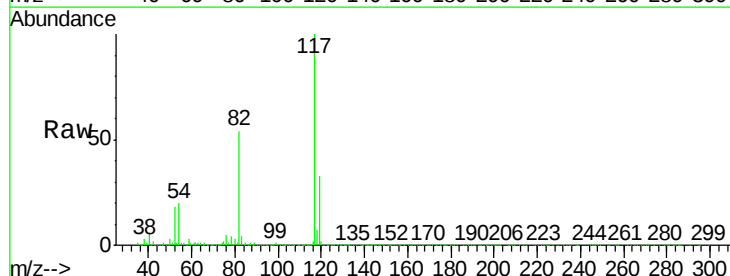
Tgt Ion: 117 Resp: 749280

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

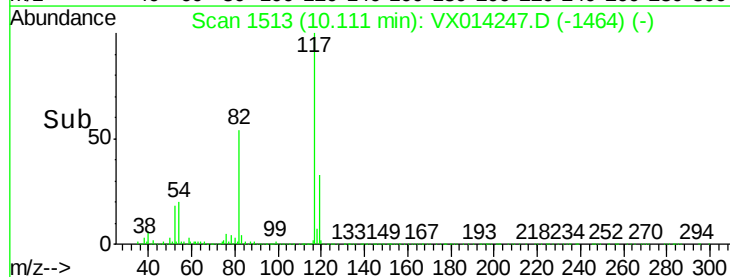
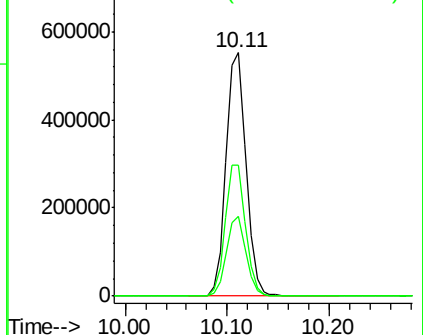
119 32.6 25.1 37.7

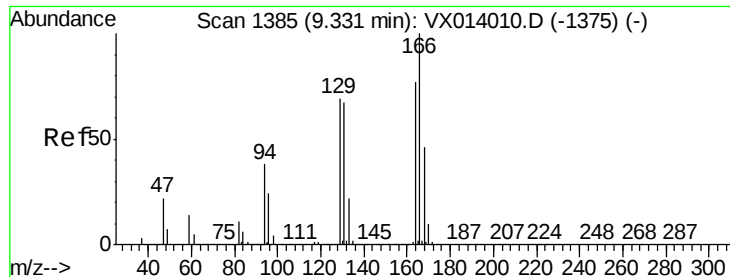


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

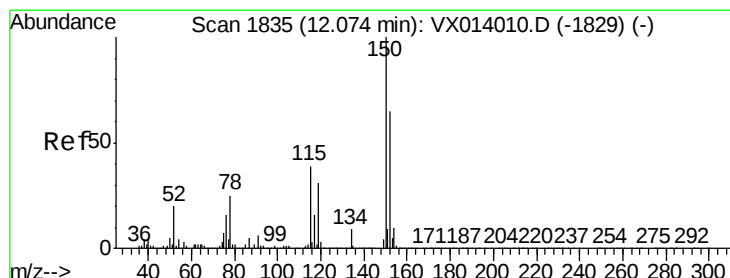
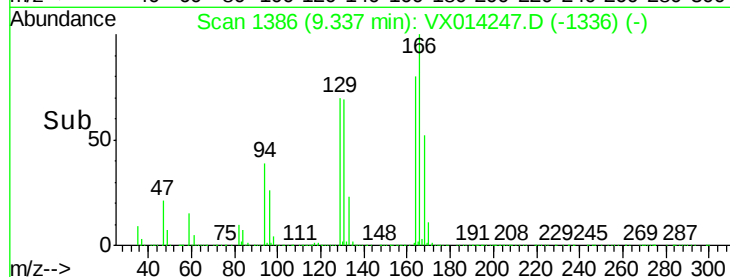
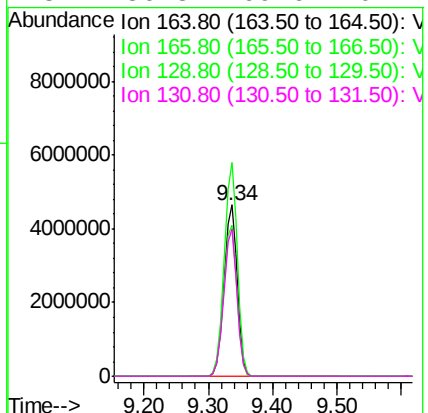
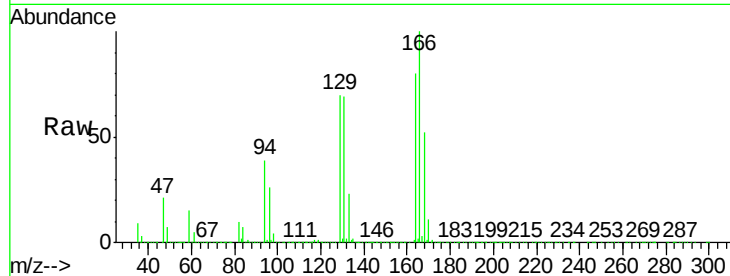




#64
Tetrachloroethene
Concen: 1013.701 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

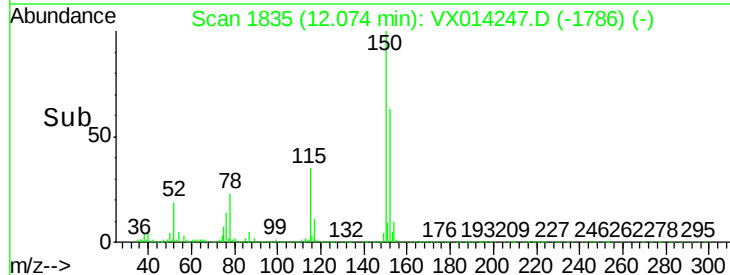
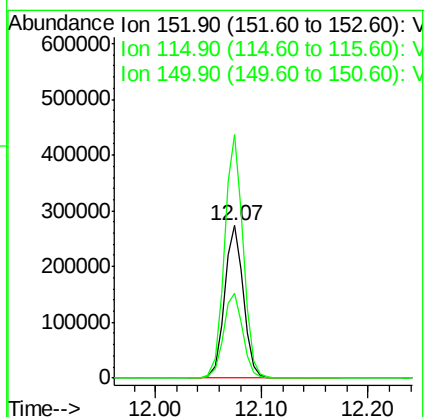
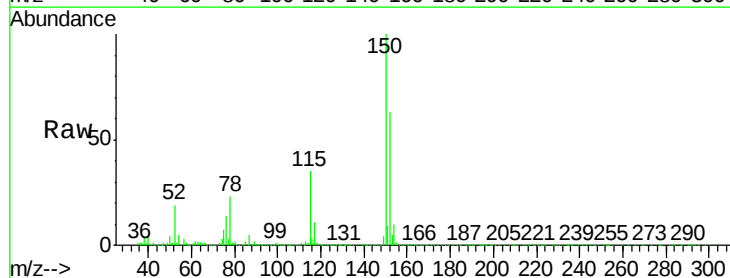
Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)

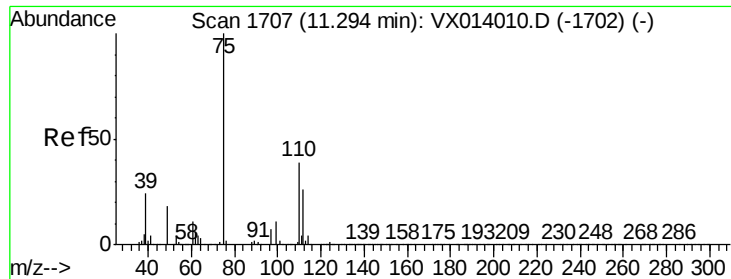
Tgt Ion:164 Resp: 6721041
Ion Ratio Lower Upper
164 100
166 124.9 104.0 156.0
129 88.0 72.2 108.4
131 86.3 69.6 104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion:152 Resp: 335916
Ion Ratio Lower Upper
152 100
115 57.0 38.3 114.9
150 157.8 0.0 345.4

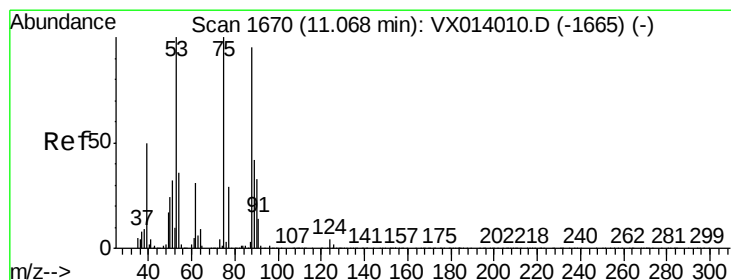
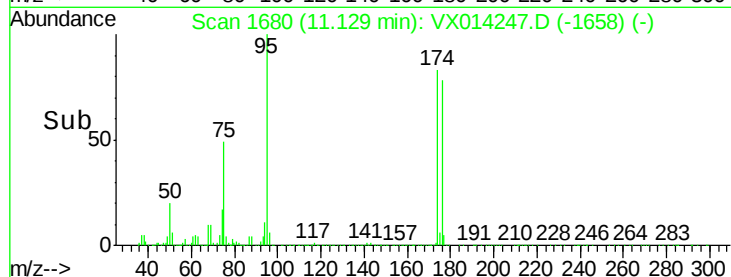
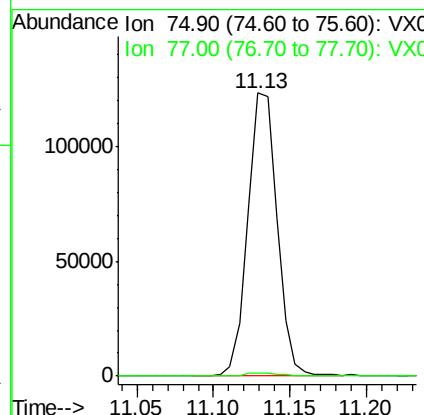
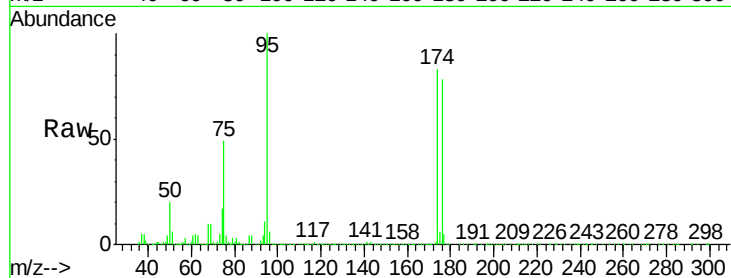




#76
 1,2,3-Trichloropropane
 Concen: 22.459 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

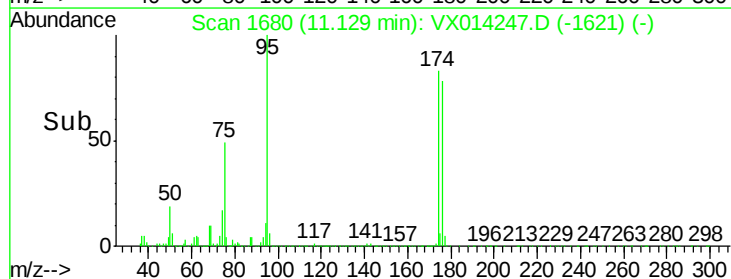
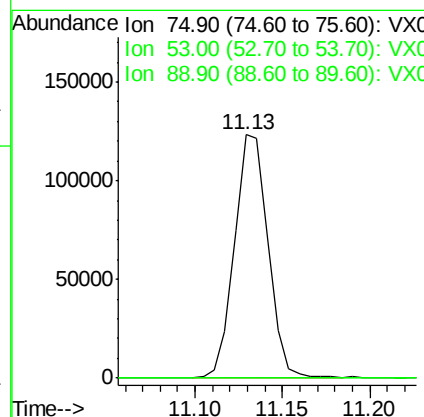
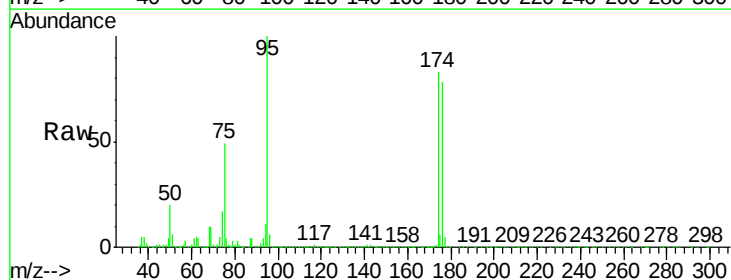
Instrument :
 MSVOA_X
 ClientSampled :
 991-MW-01-(23)

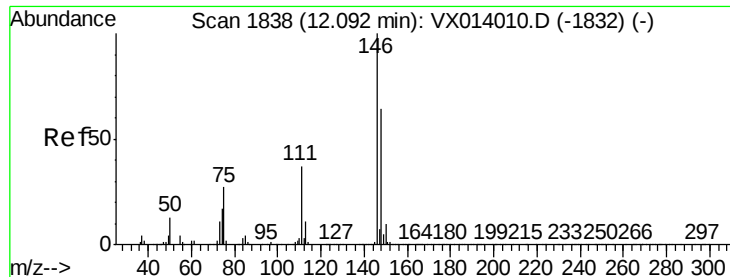
Tgt Ion: 75 Resp: 163788
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.3 57.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.383 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion: 75 Resp: 163765
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 34.6 51.8#

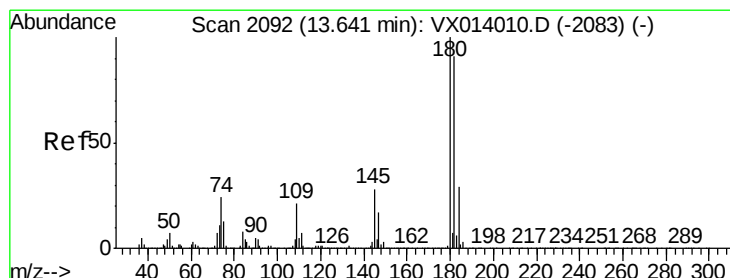
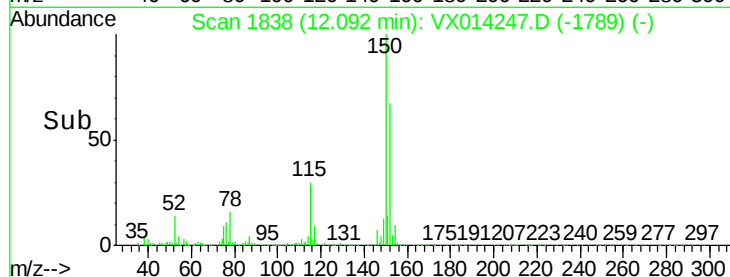
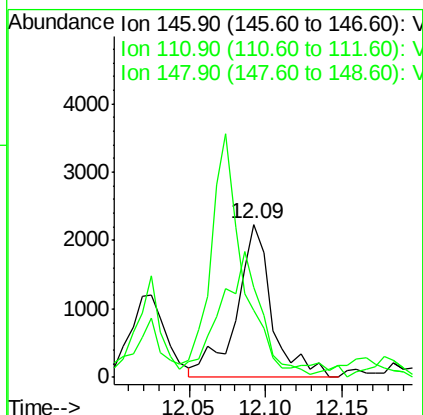
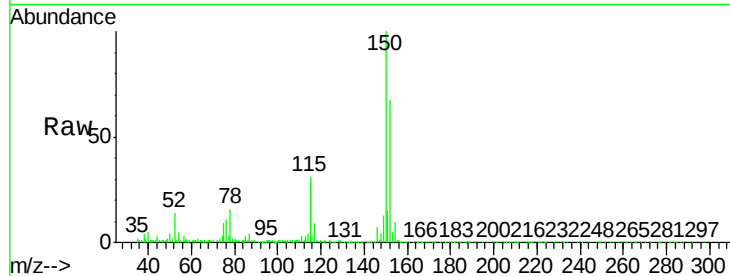




#88
 1,4-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

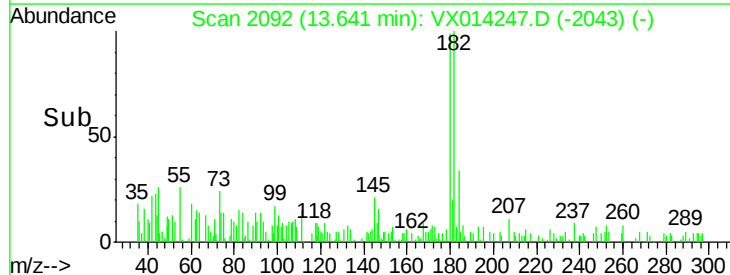
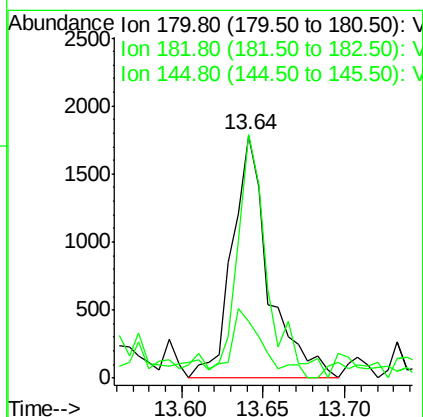
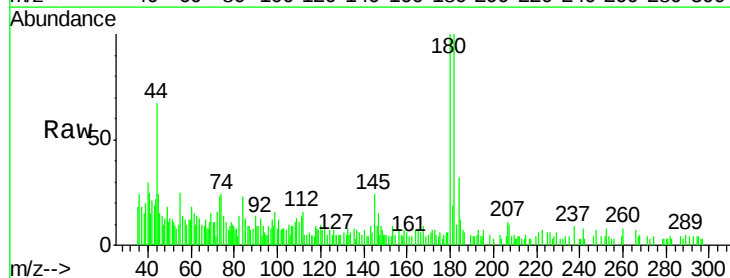
Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

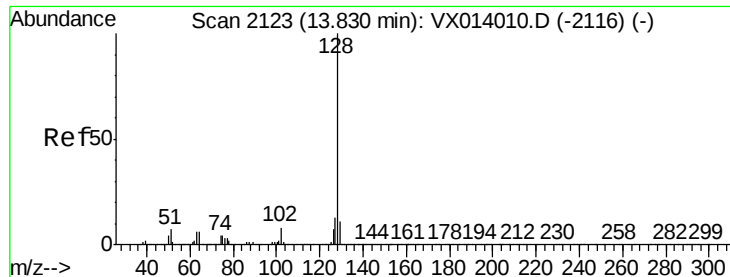
Tgt Ion:146 Resp: 3579
 Ion Ratio Lower Upper
 146 100
 111 144.7 18.7 56.1#
 148 89.2 31.9 95.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.371 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion:180 Resp: 2772
 Ion Ratio Lower Upper
 180 100
 182 83.2 46.6 139.8
 145 25.1 14.2 42.6

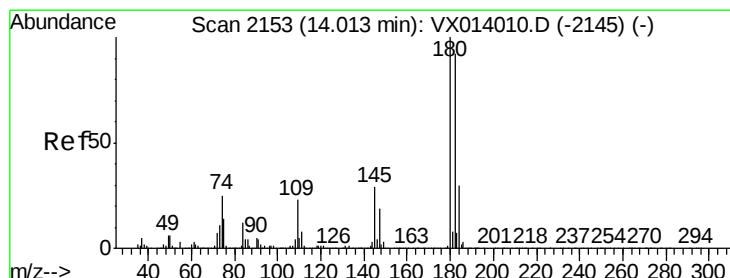
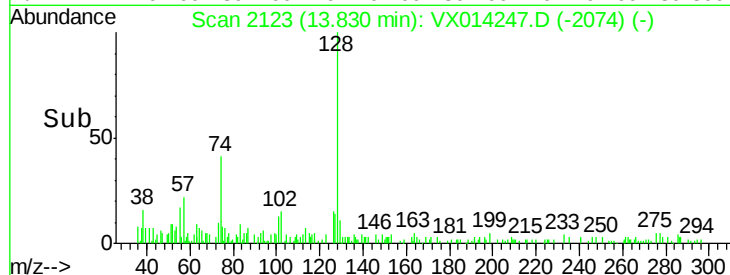
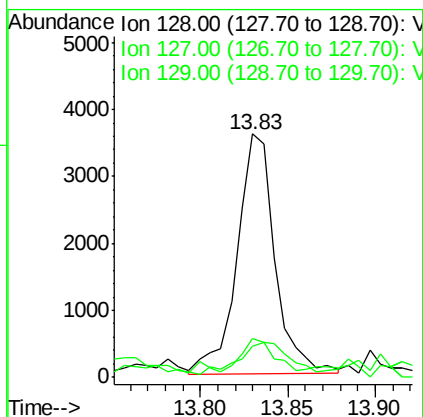
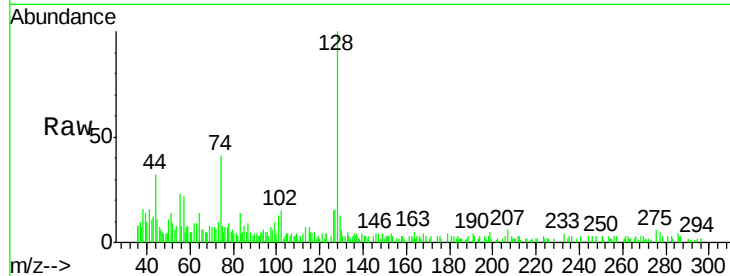




#95
Naphthalene
Concen: 0.247 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)

Tgt Ion:128 Resp: 5423
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 17.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.276 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014247.D
Acq: 24 Dec 2019 16:01

Tgt Ion:180 Resp: 2030
Ion Ratio Lower Upper
180 100
182 98.2 46.8 140.3
145 55.1 14.8 44.4#

