

Data File : VX009696.D
Acq On : 18 May 2019 05:52
Operator : JC/SP
Sample : K2901-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10A_R2

Quant Time: May 20 04:14:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112945	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	81729	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	335224	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	110733	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

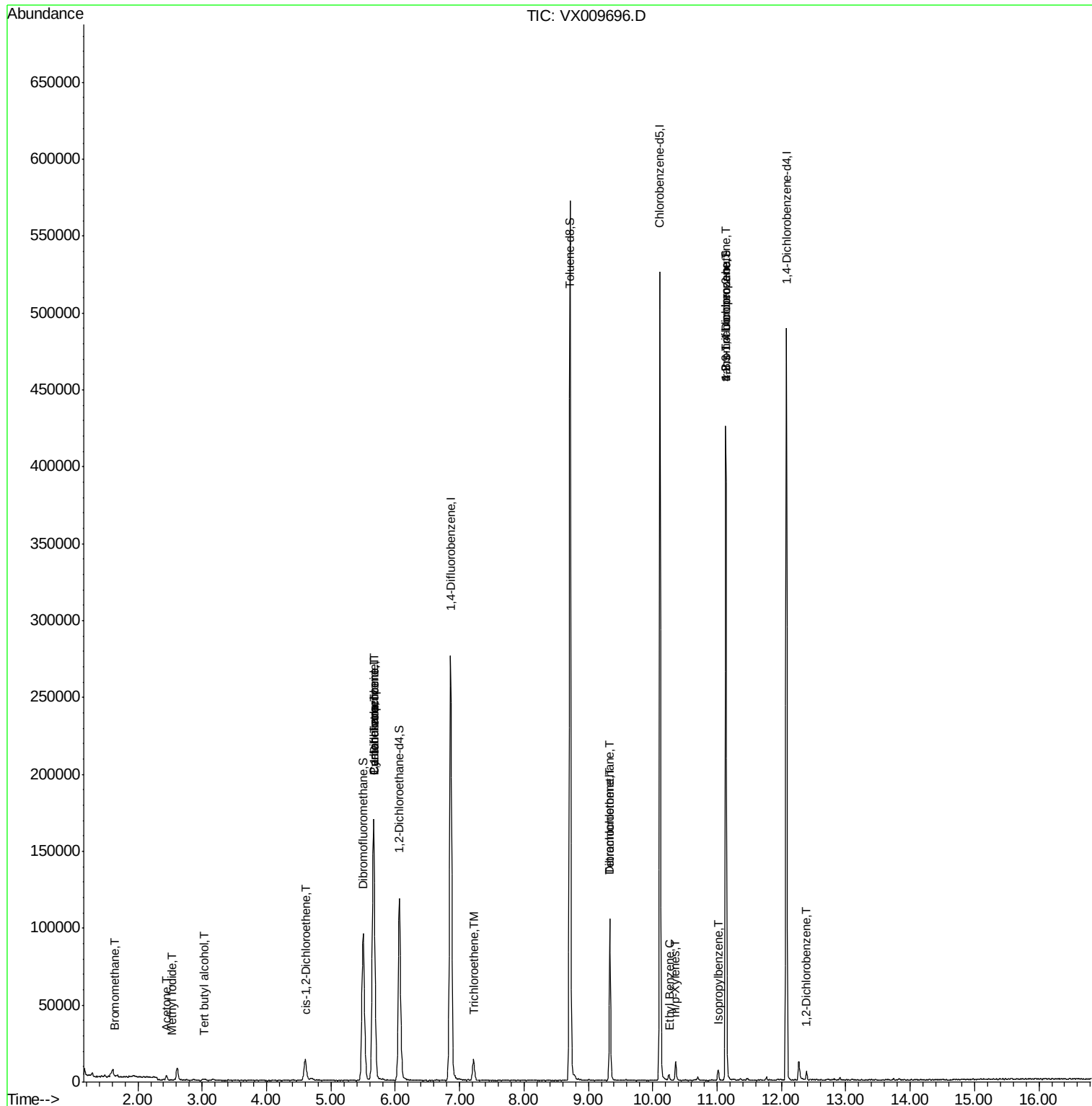
						Qvalue
5) Bromomethane	1.64	94	407	0.336	ug/l	94
10) Methyl Iodide	2.53	142	211	4.701	ug/l #	54
11) Tert butyl alcohol	3.03	59	536	1.030	ug/l #	73
16) Acetone	2.45	43	3375	2.797	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	8140	4.071	ug/l	90
28) Bromochloromethane	4.98	49	20	Below Cal	#	20
31) Cyclohexane	5.66	56	3865	1.163	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13322	5.421	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15463	6.926	ug/l #	16
44) Trichloroethene	7.21	130	5097	2.772	ug/l	90
60) Dibromochloromethane	9.34	129	19058	10.346	ug/l #	11
64) Tetrachloroethene	9.34	164	20528	12.713	ug/l	98
67) Ethyl Benzene	10.25	91	1769	0.204	ug/l	98
68) m/p-Xylenes	10.36	106	2655	0.838	ug/l	97
73) Isopropylbenzene	11.02	105	3407	0.468	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	56971	24.546	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	56971	62.804	ug/l #	10
91) 1,2-Dichlorobenzene	12.39	146	1431	0.436	ug/l	98

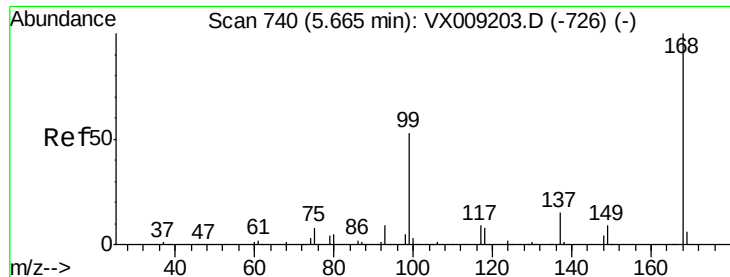
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX009696.D
Acq On : 18 May 2019 05:52
Operator : JC/SP
Sample : K2901-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-10A_R2

Quant Time: May 20 04:14:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

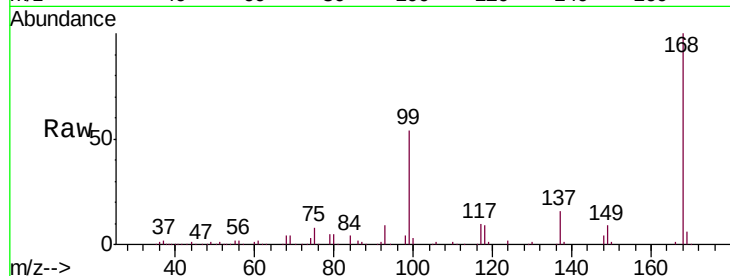
MW-10A_R2

Tgt Ion:168 Resp: 164613

Ion Ratio Lower Upper

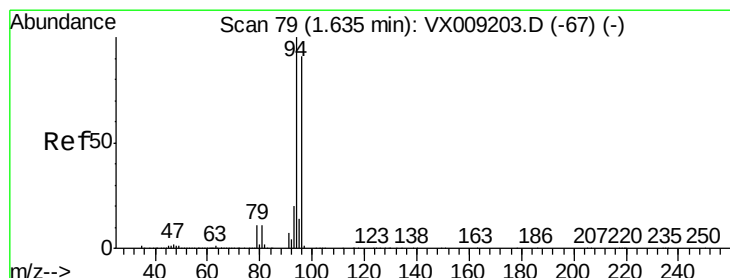
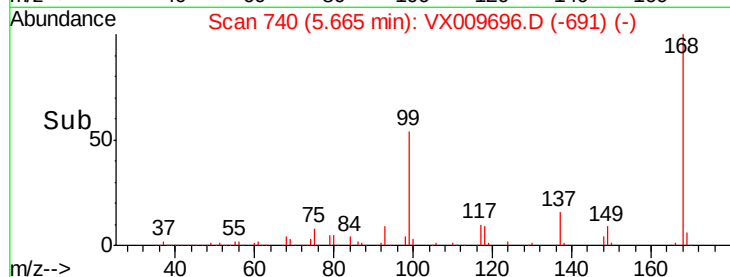
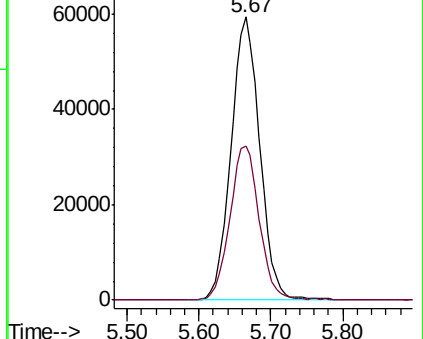
168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.336 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009696.D

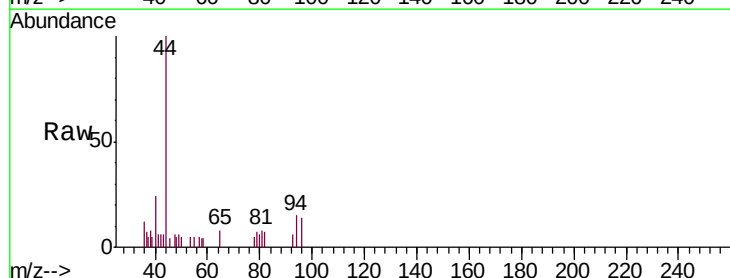
Acq: 18 May 2019 05:52

Tgt Ion: 94 Resp: 407

Ion Ratio Lower Upper

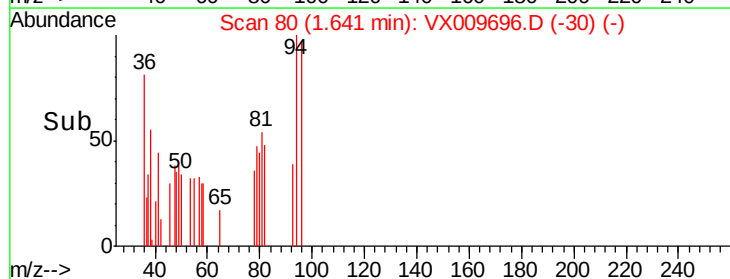
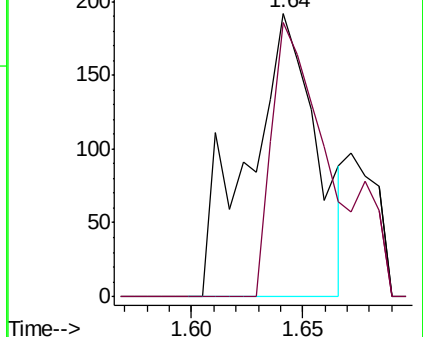
94 100

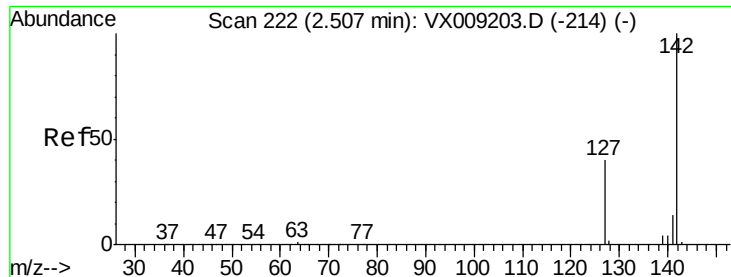
96 96.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

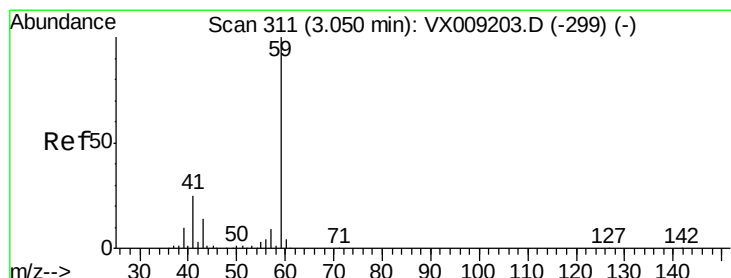
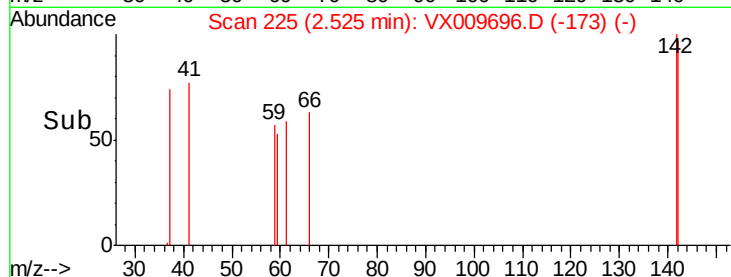
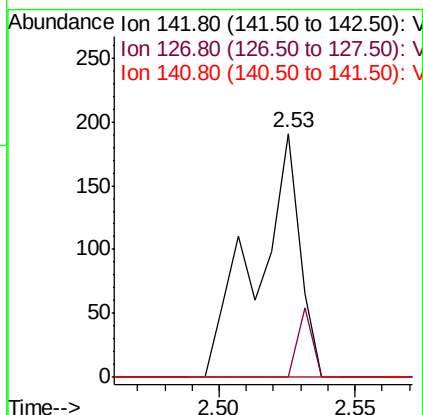
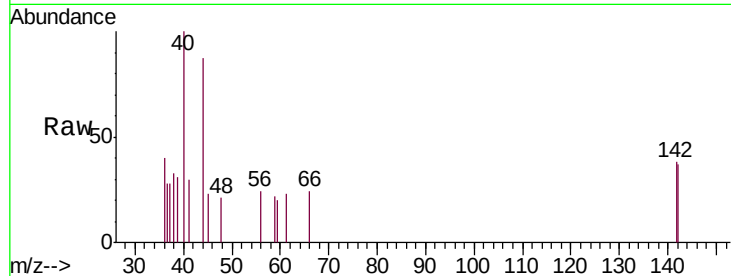




#10
Methyl Iodide
Concen: 4.701 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

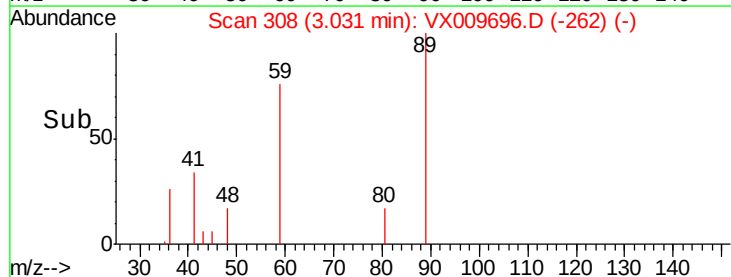
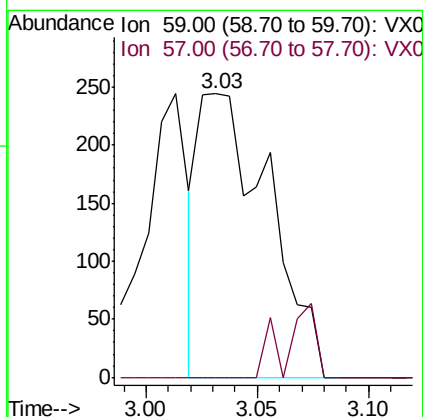
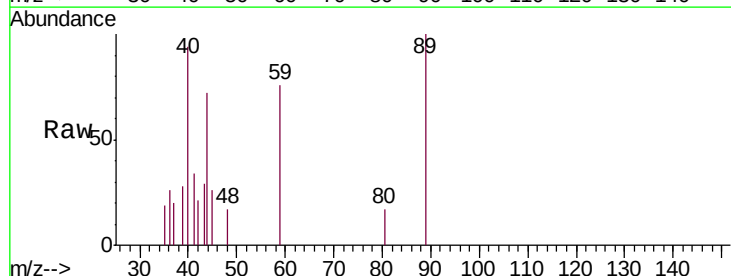
Instrument :
MSVOA_X
ClientSampleId :
MW-10A_R2

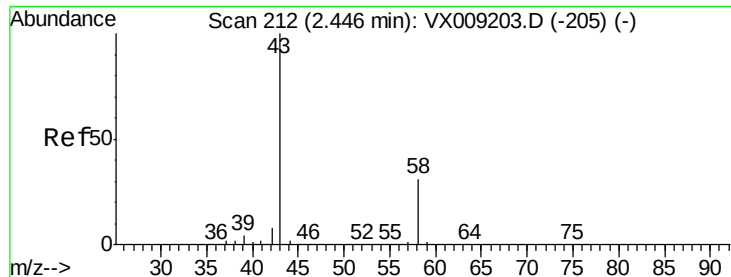
Tgt Ion: 142 Resp: 211
Ion Ratio Lower Upper
142 100
127 9.5 32.7 49.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 1.030 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

Tgt Ion: 59 Resp: 536
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 2.797 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

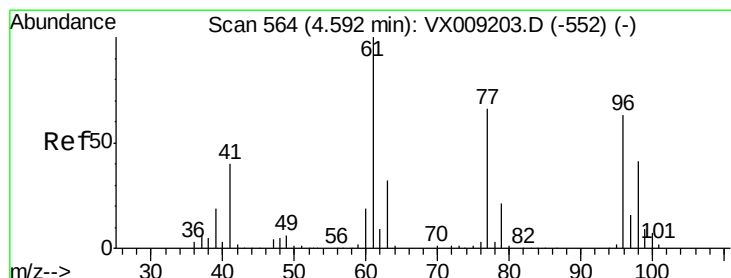
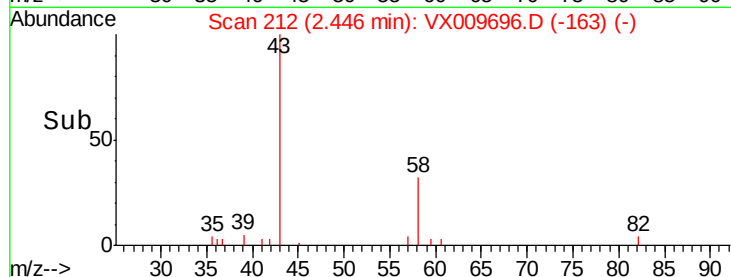
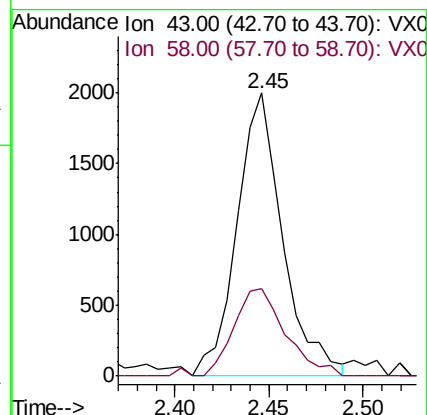
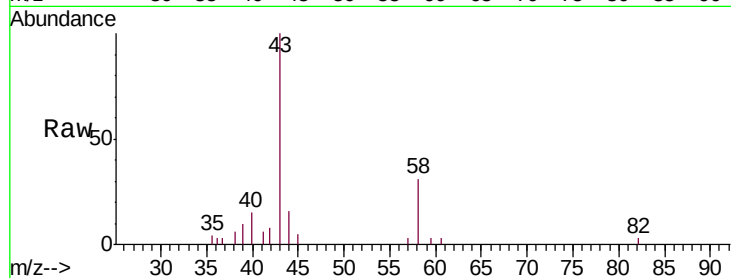
MW-10A_R2

Tgt Ion: 43 Resp: 3375

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3



#27

cis-1,2-Dichloroethene

Concen: 4.071 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

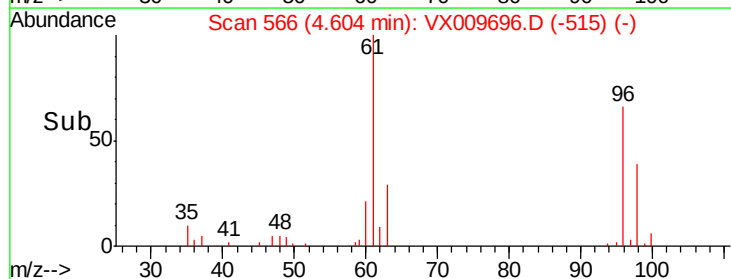
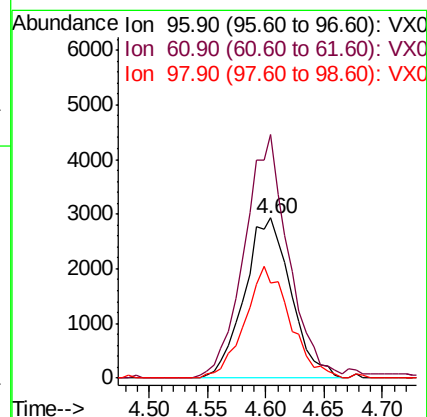
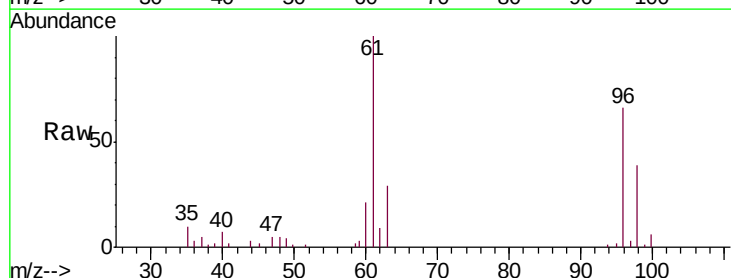
Tgt Ion: 96 Resp: 8140

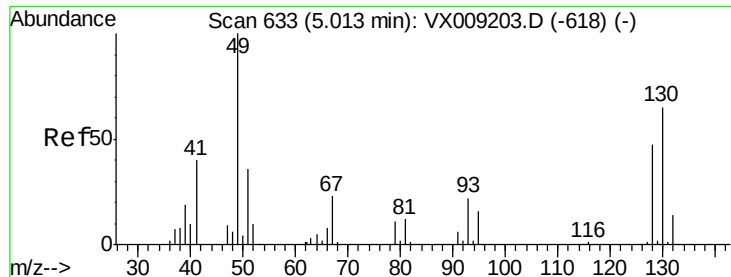
Ion Ratio Lower Upper

96 100

61 144.2 0.0 324.0

98 67.0 0.0 130.4





#28

Bromochloromethane

Concen: Below Cal

RT: 4.98 min Scan# 628

Delta R.T. -0.03 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10A_R2

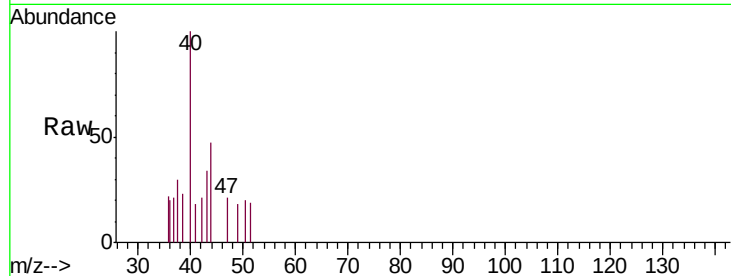
Tgt Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

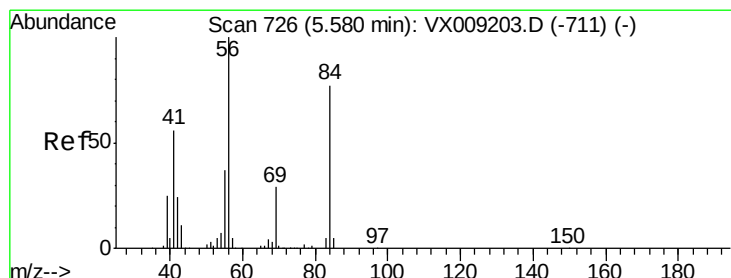
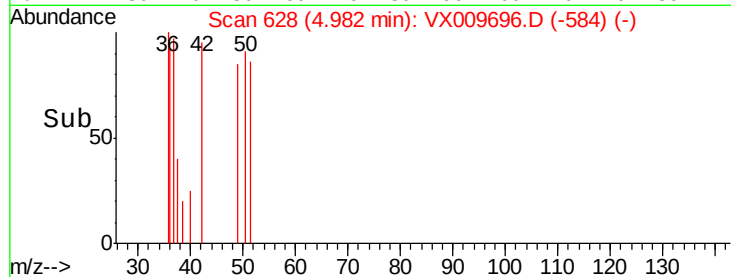
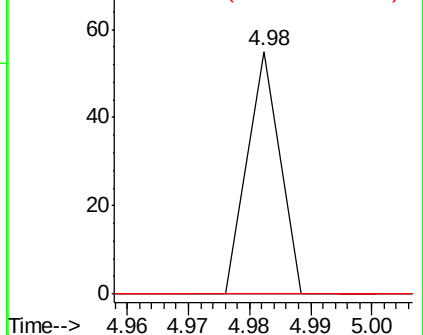
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

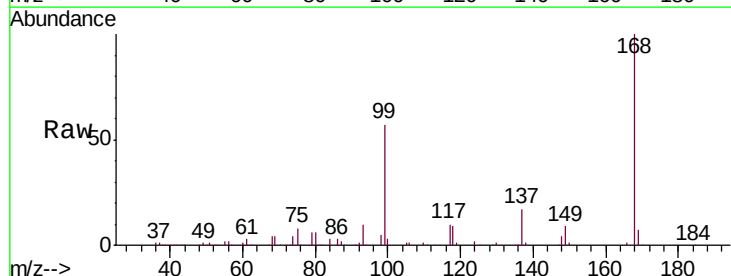
Tgt Ion: 56 Resp: 3865

Ion Ratio Lower Upper

56 100

69 157.1 23.4 35.0#

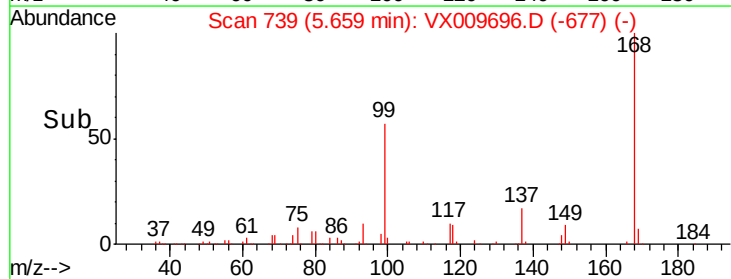
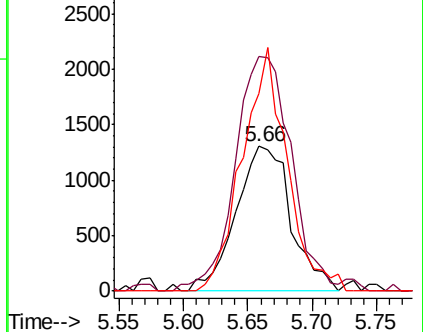
84 136.1 61.9 92.9#

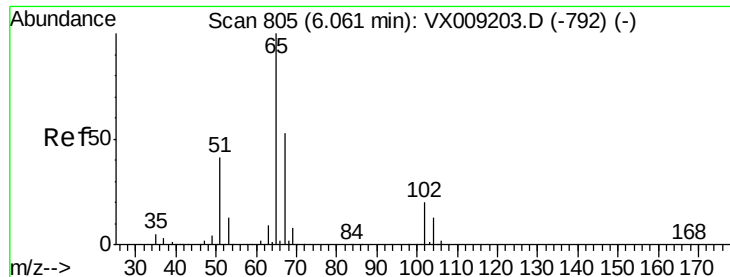


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

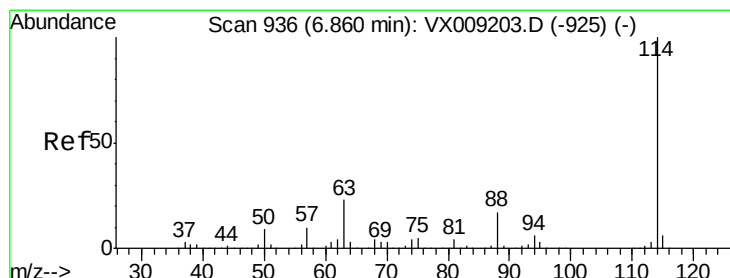
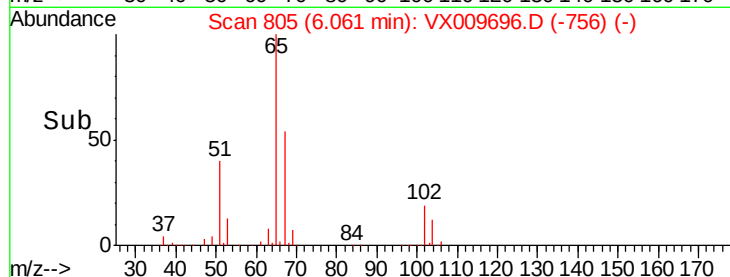
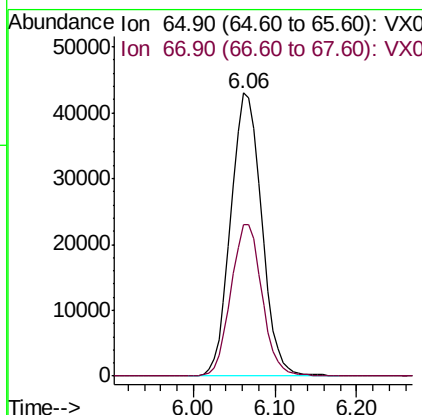
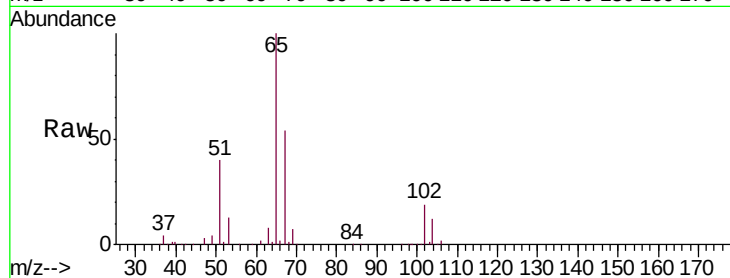




#33
 1,2-Dichloroethane-d4
 Concen: 50.261 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009696.D
 Acq: 18 May 2019 05:52

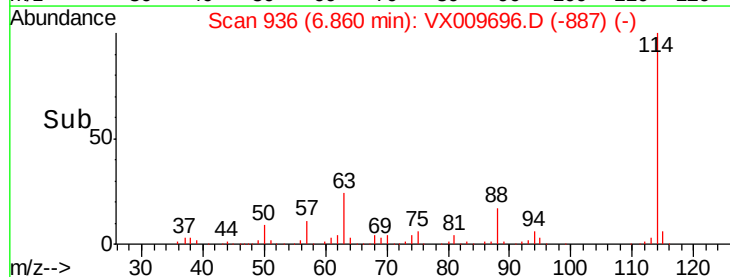
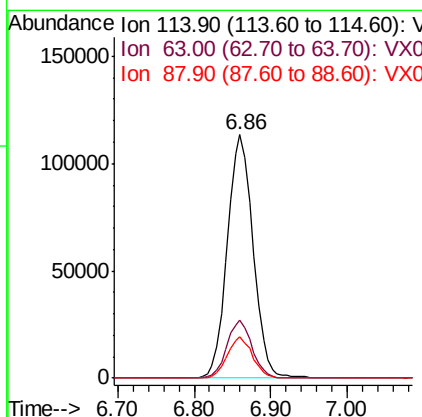
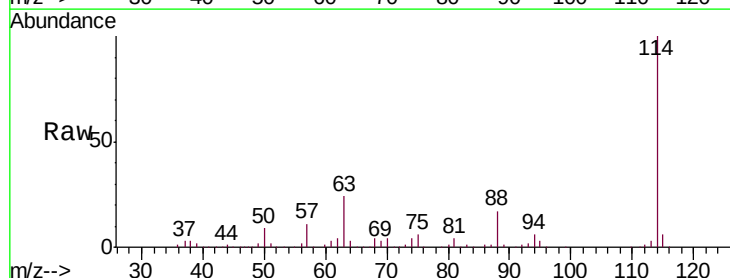
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10A_R2

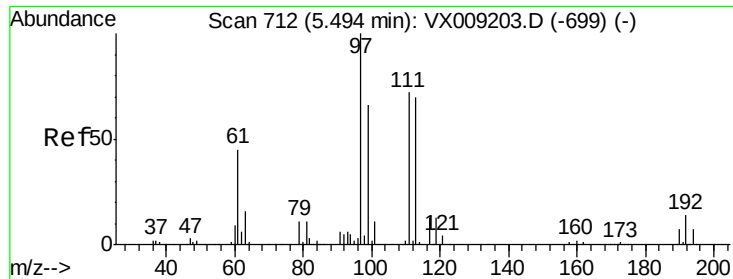
Tgt Ion: 65 Resp: 112945
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009696.D
 Acq: 18 May 2019 05:52

Tgt Ion: 114 Resp: 264429
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10A_R2

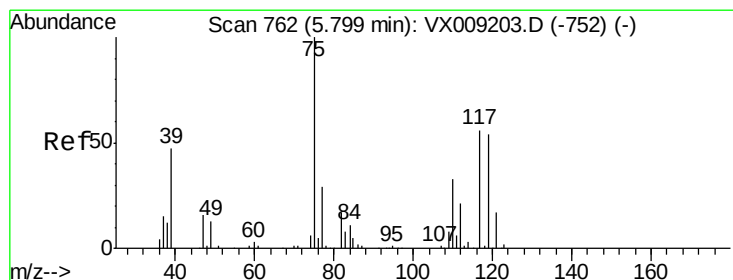
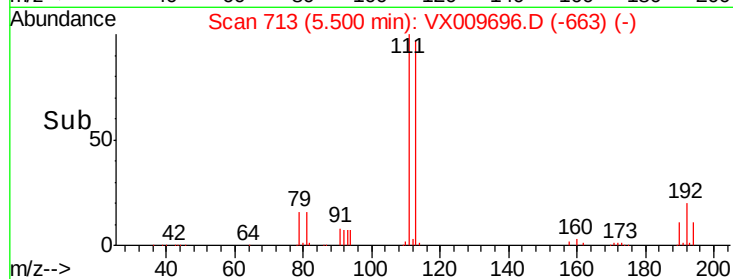
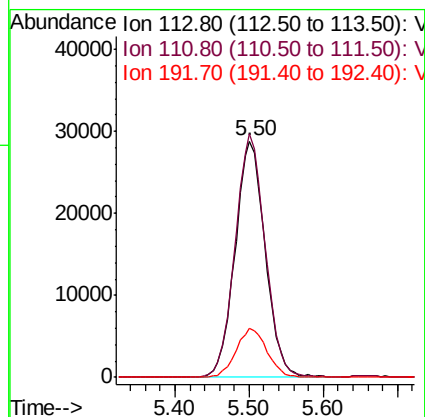
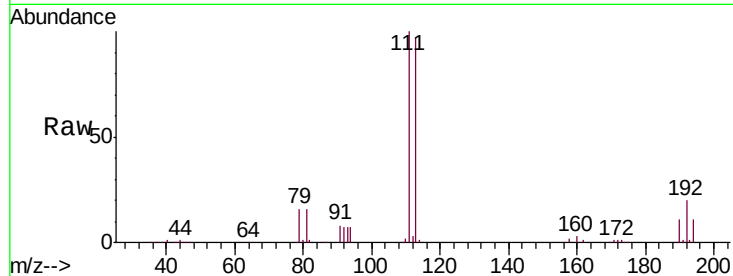
Tgt Ion:113 Resp: 81729

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 21.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.421 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

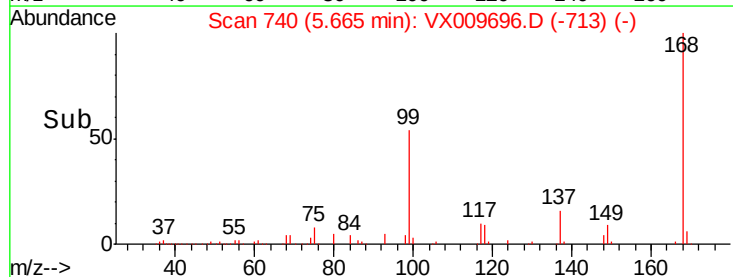
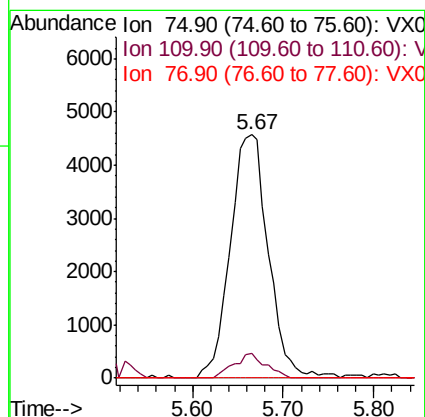
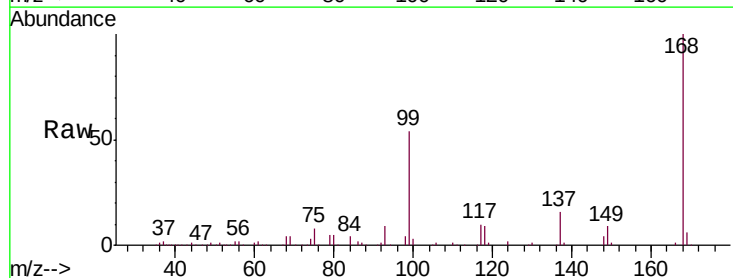
Tgt Ion: 75 Resp: 13322

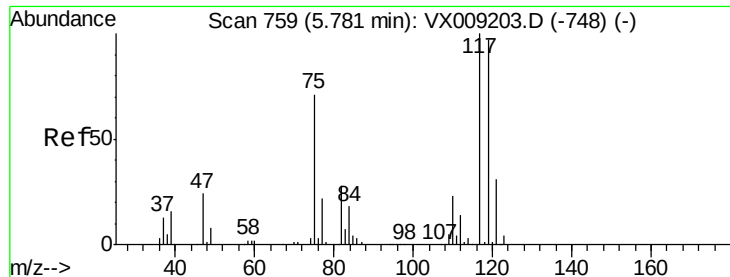
Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

77 0.0 24.8 37.2#

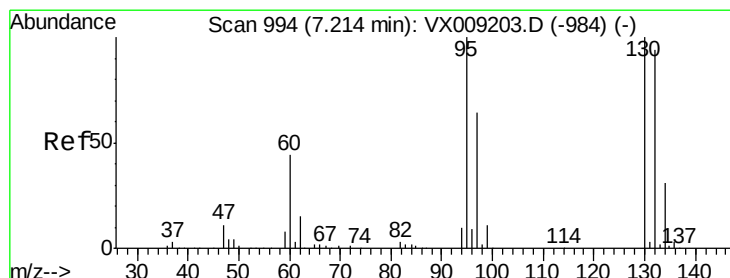
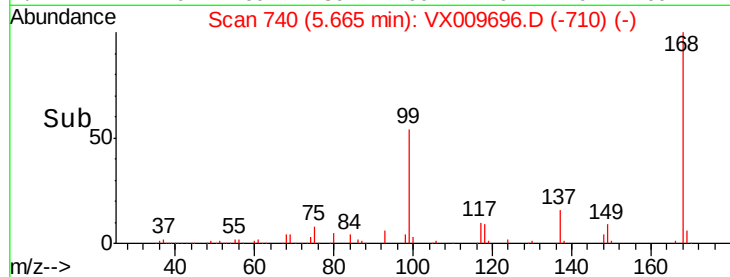
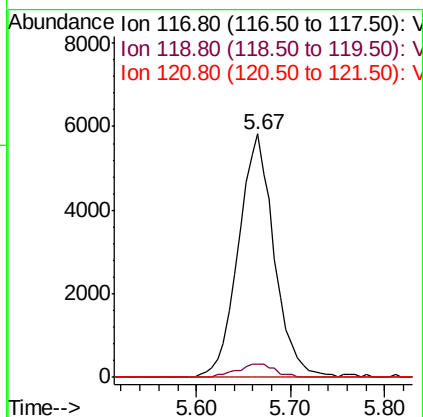
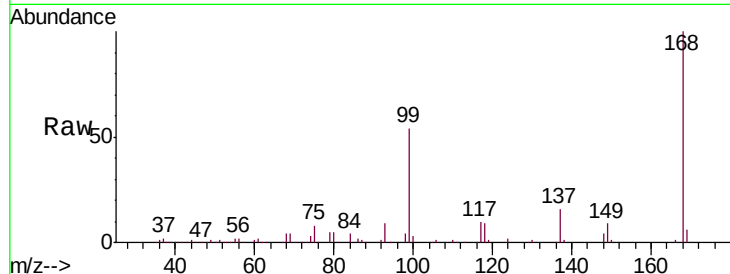




#38
Carbon Tetrachloride
Concen: 6.926 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

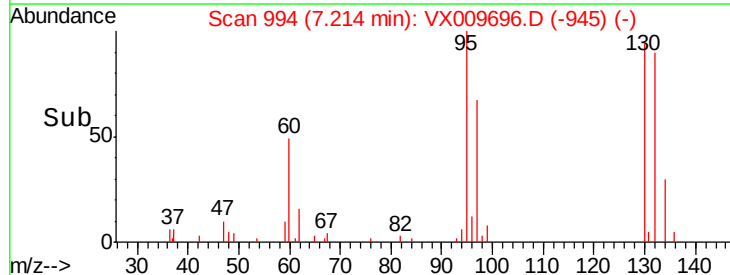
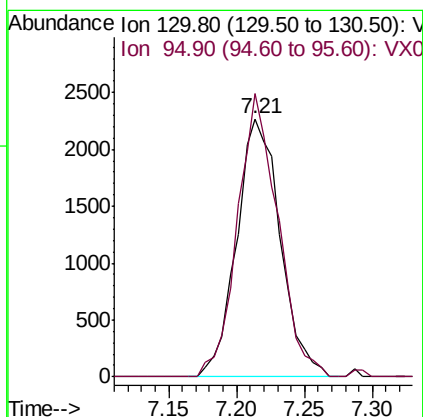
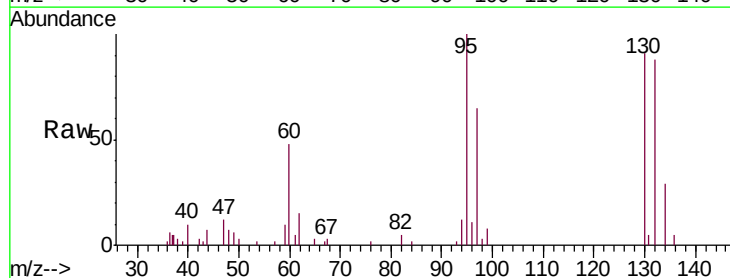
Instrument :
MSVOA_X
ClientSampleId :
MW-10A_R2

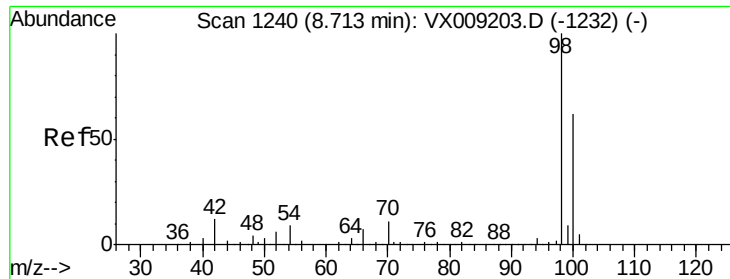
Tgt Ion:117 Resp: 15463
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 2.772 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

Tgt Ion:130 Resp: 5097
Ion Ratio Lower Upper
130 100
95 109.6 0.0 199.2

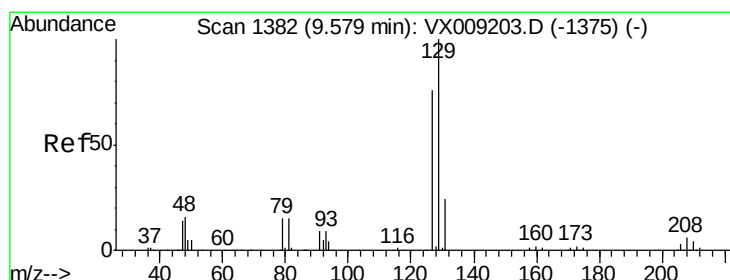
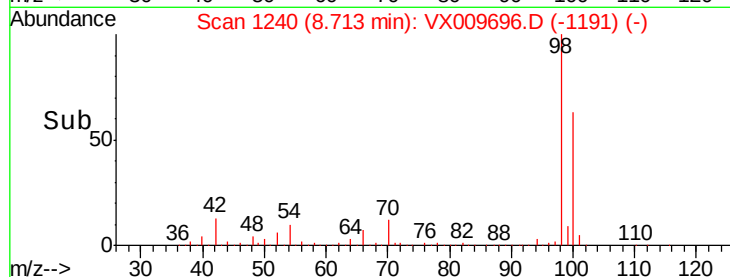
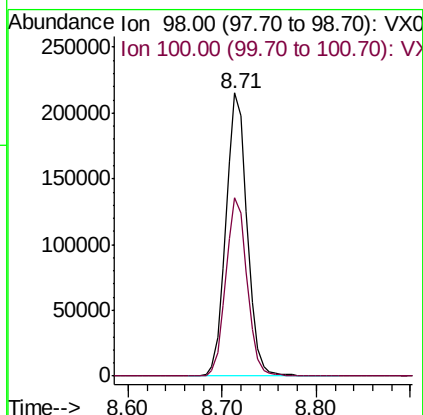
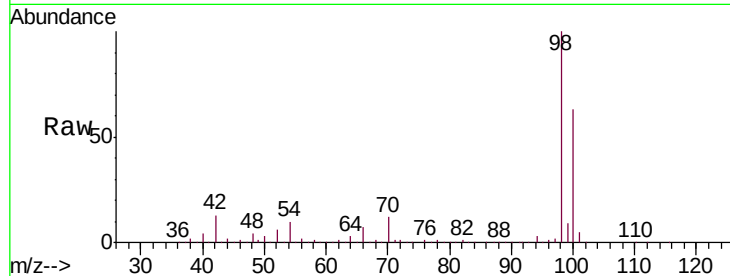




#50
Toluene-d8
Concen: 49.950 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

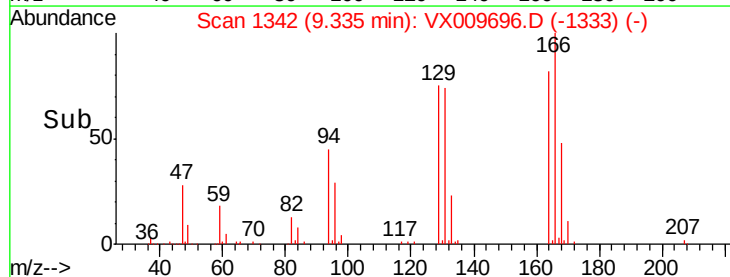
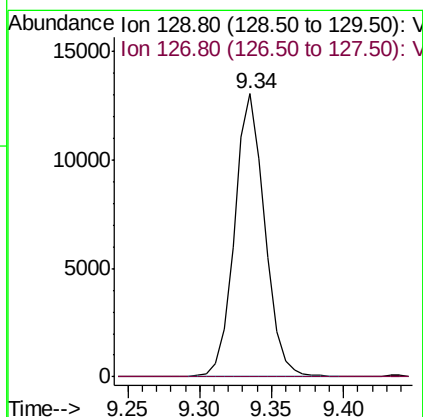
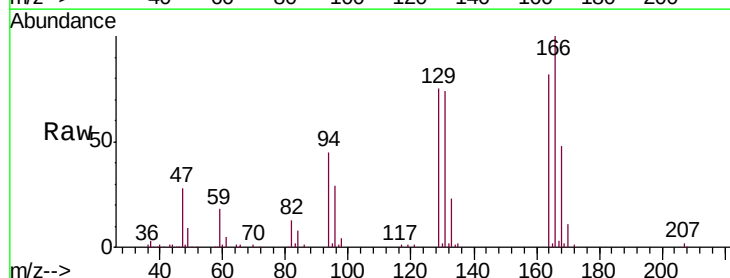
Instrument :
MSVOA_X
ClientSampleId :
MW-10A_R2

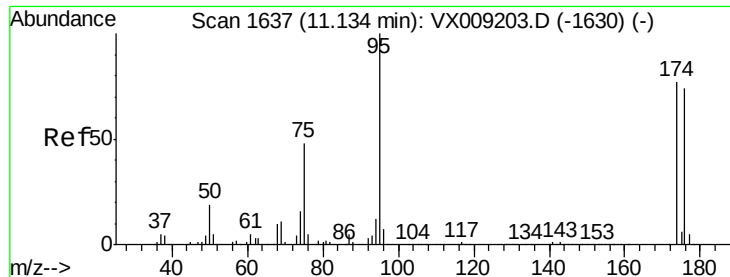
Tgt Ion: 98 Resp: 335224
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#60
Dibromochloromethane
Concen: 10.346 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009696.D
Acq: 18 May 2019 05:52

Tgt Ion: 129 Resp: 19058
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 45.409 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10A_R2

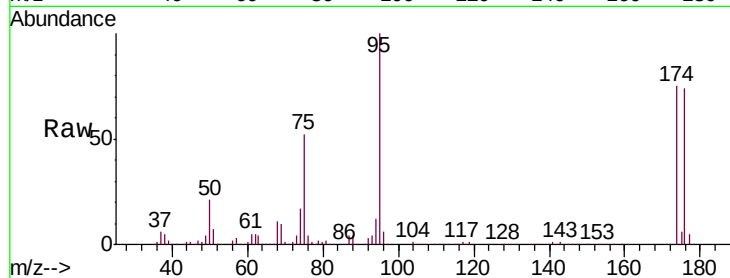
Tgt Ion: 95 Resp: 110733

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

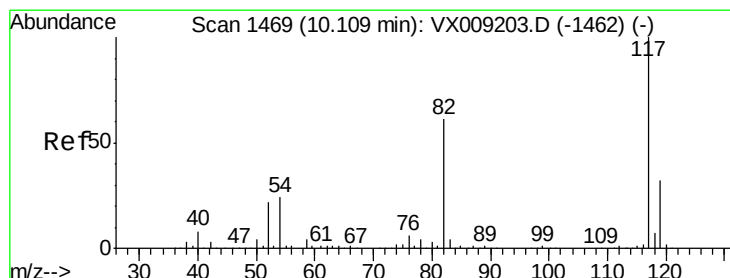
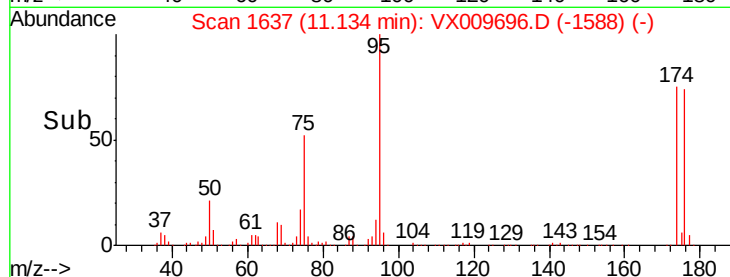
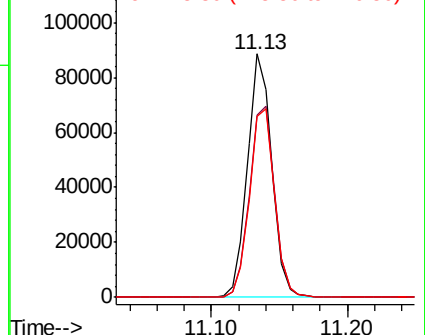
176 80.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009696.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009696.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009696.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

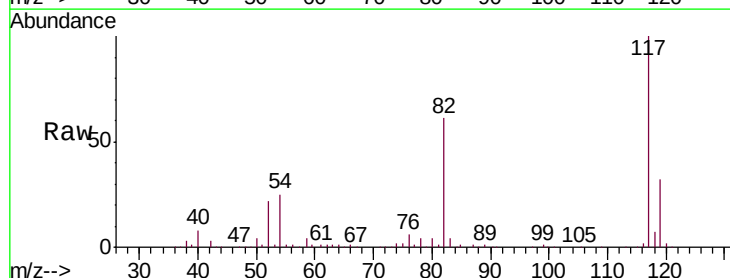
Tgt Ion: 117 Resp: 235406

Ion Ratio Lower Upper

117 100

82 60.6 48.8 73.2

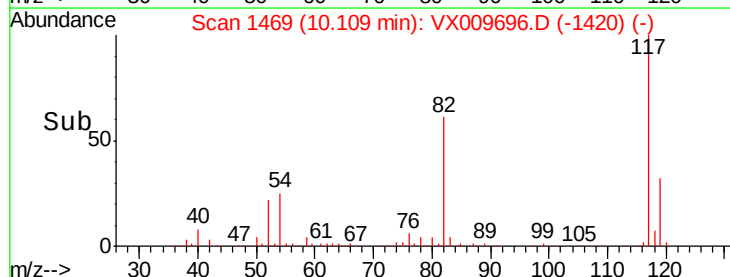
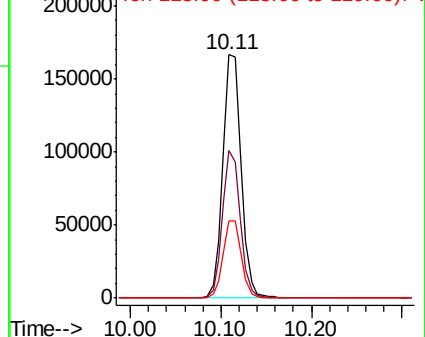
119 31.5 25.8 38.6

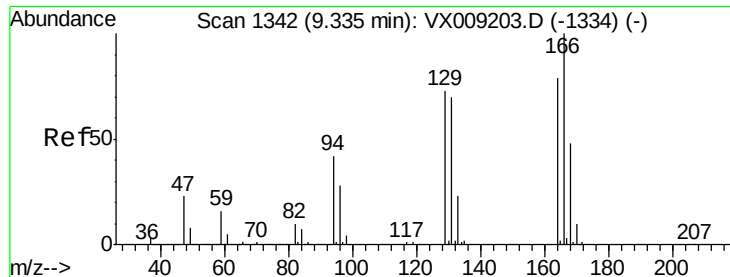


Abundance Ion 116.90 (116.60 to 117.60): VX009696.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009696.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009696.D (-1420) (-)





#64

Tetrachloroethene

Concen: 12.713 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10A_R2

Tgt Ion:164 Resp: 20528

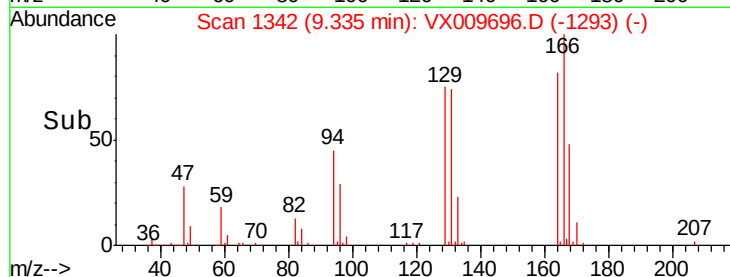
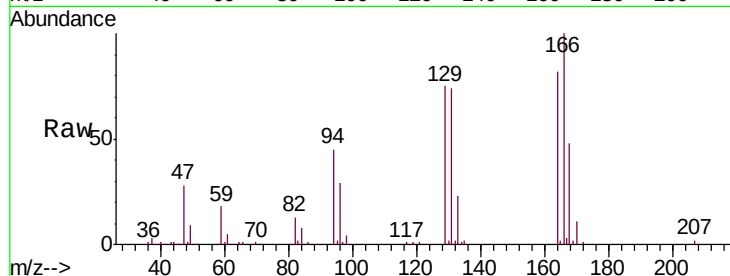
Ion Ratio Lower Upper

164 100

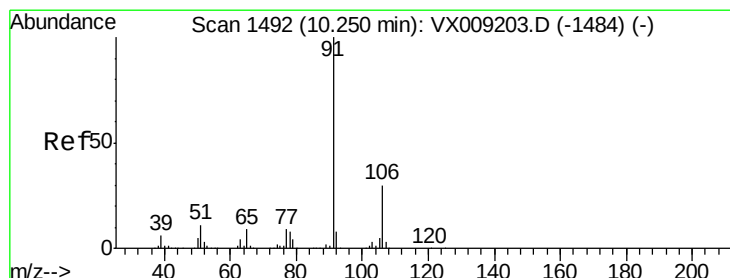
166 122.0 101.2 151.8

129 92.1 74.3 111.5

131 90.1 71.0 106.6



Time-->



#67

Ethyl Benzene

Concen: 0.204 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009696.D

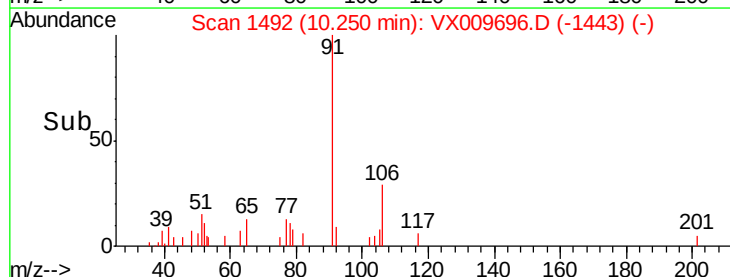
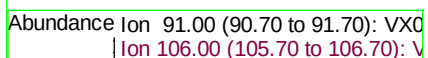
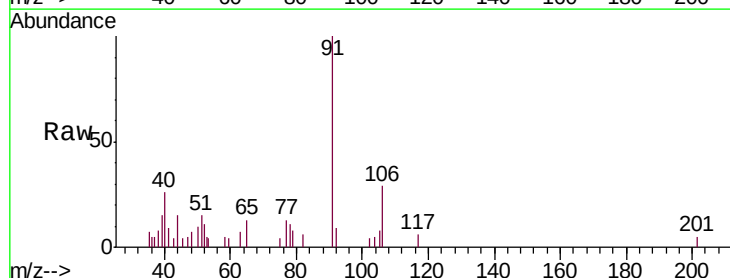
Acq: 18 May 2019 05:52

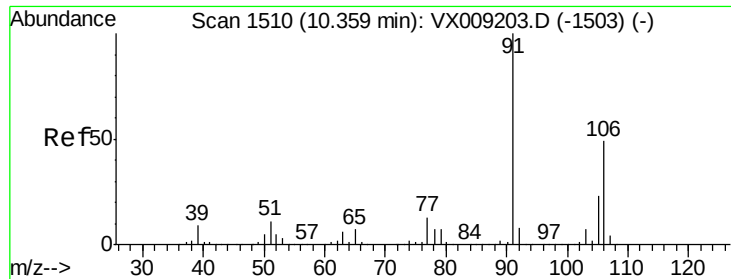
Tgt Ion: 91 Resp: 1769

Ion Ratio Lower Upper

91 100

106 29.1 24.0 36.0





#68

m/p-Xylenes

Concen: 0.838 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

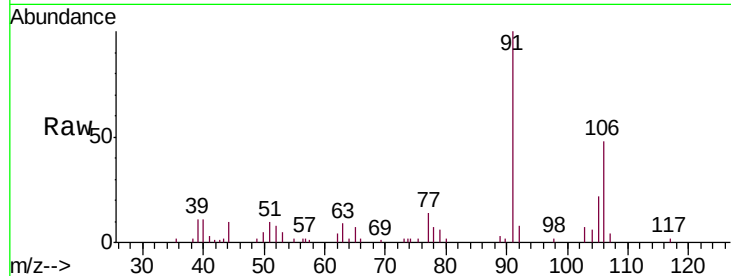
MW-10A_R2

Tgt Ion:106 Resp: 2655

Ion Ratio Lower Upper

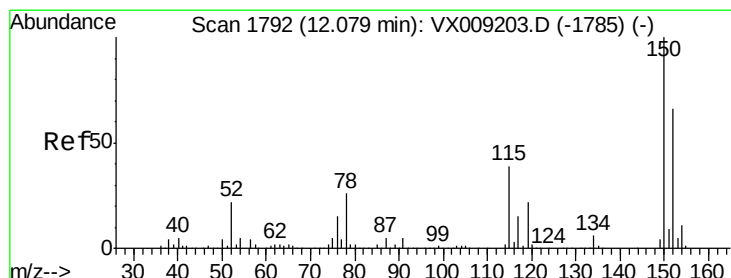
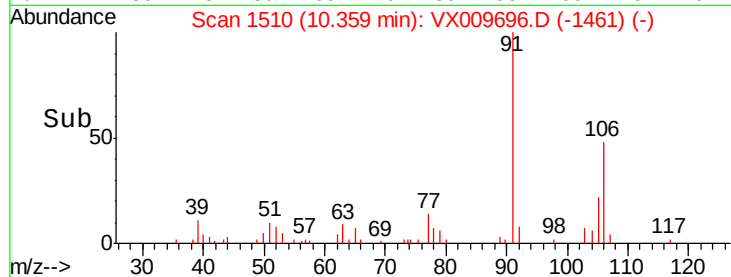
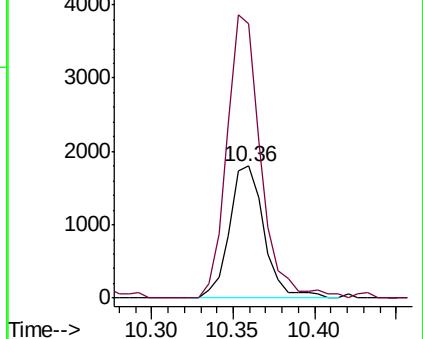
106 100

91 209.5 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

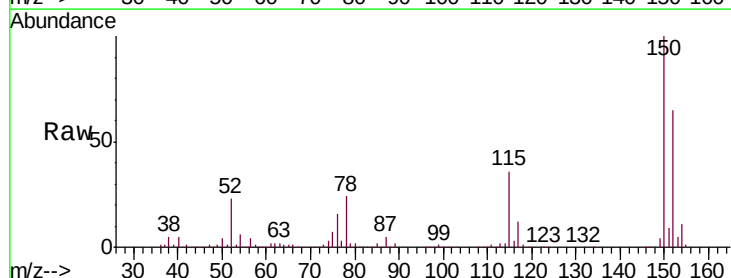
Tgt Ion:152 Resp: 100059

Ion Ratio Lower Upper

152 100

115 59.0 41.2 123.6

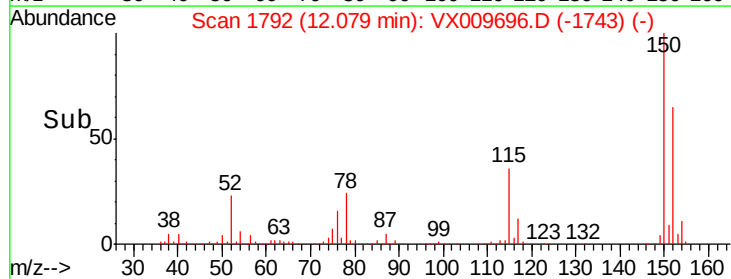
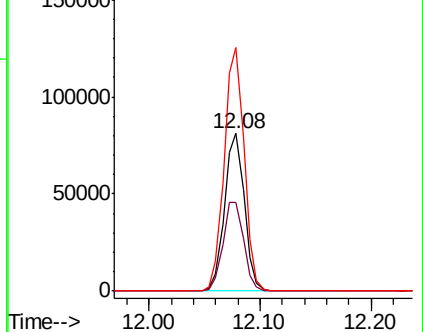
150 155.1 0.0 346.4

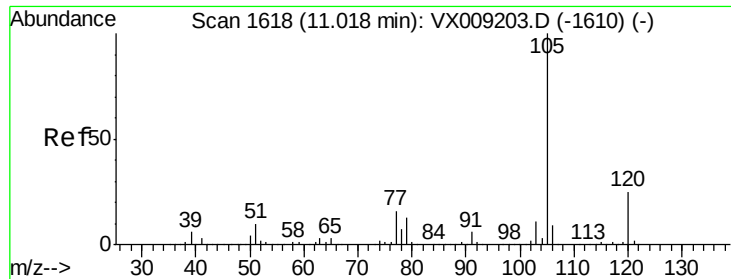


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.468 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampled :

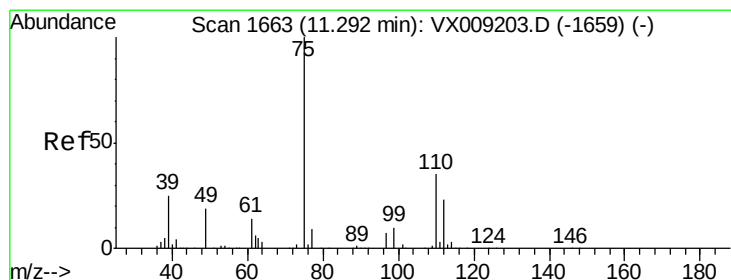
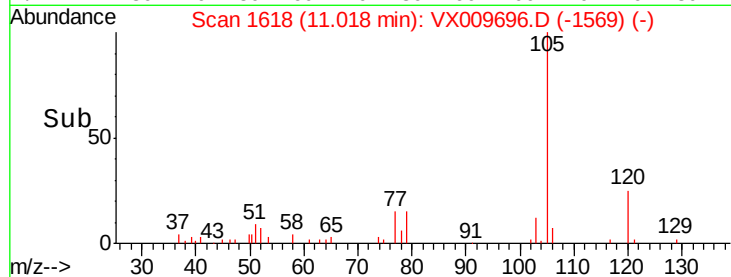
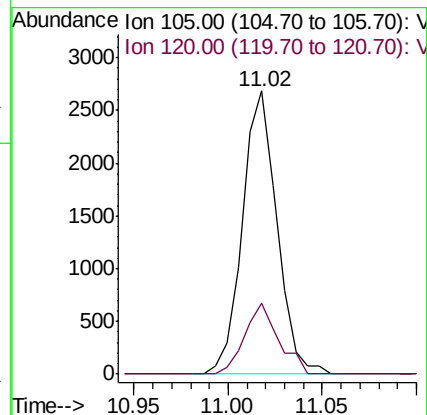
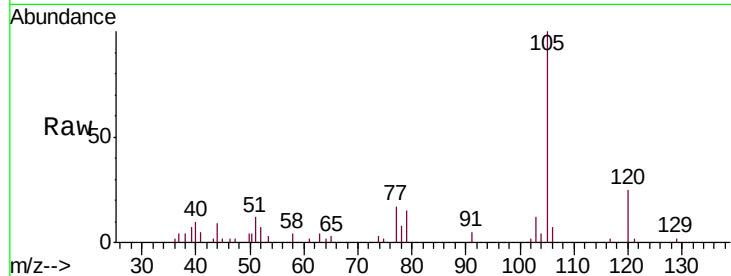
MW-10A_R2

Tgt Ion: 105 Resp: 3407

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 24.546 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009696.D

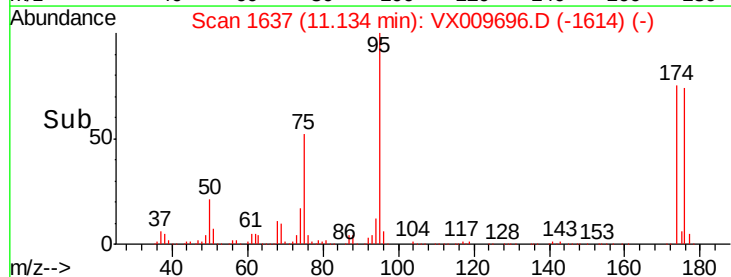
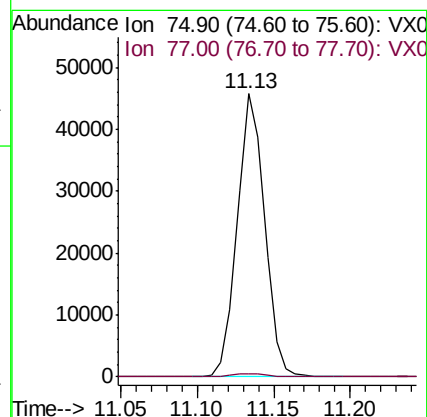
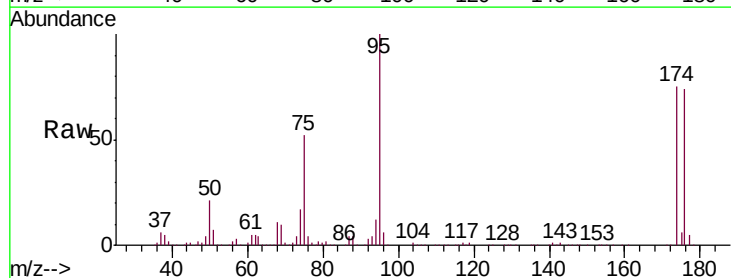
Acq: 18 May 2019 05:52

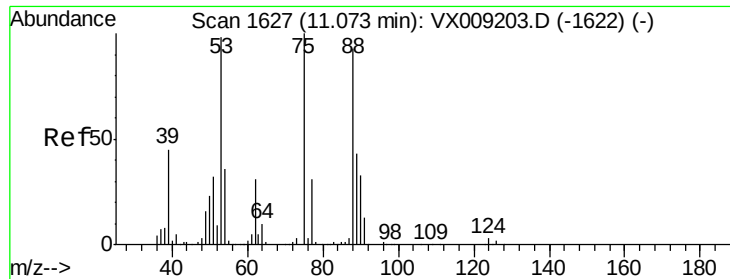
Tgt Ion: 75 Resp: 56971

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.804 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10A_R2

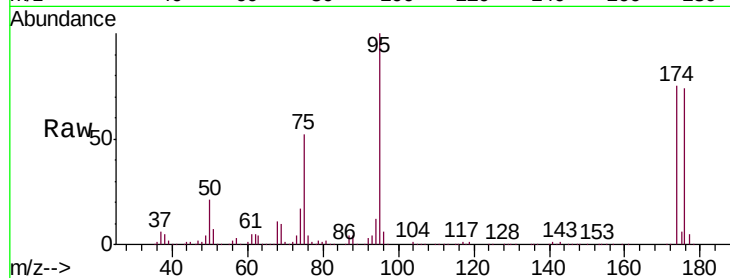
Tgt Ion: 75 Resp: 56971

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

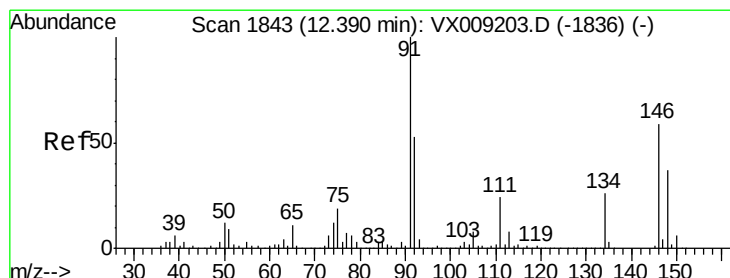
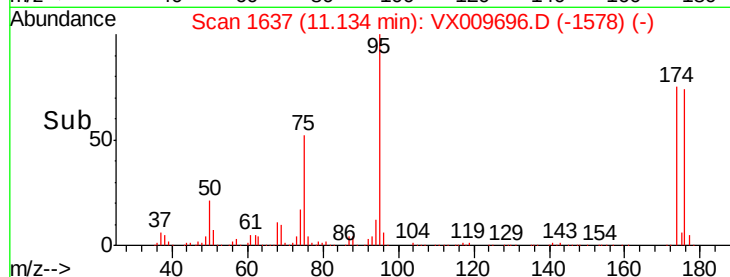
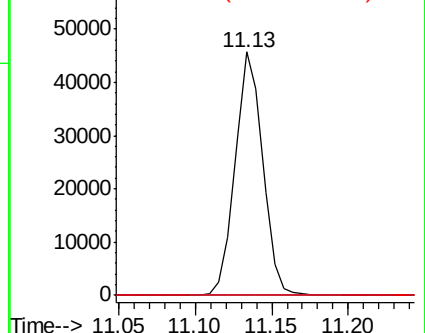
89 0.0 34.7 52.1#



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



#91

1,2-Dichlorobenzene

Concen: 0.436 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009696.D

Acq: 18 May 2019 05:52

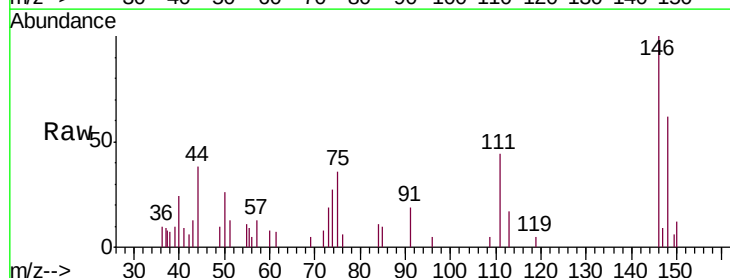
Tgt Ion: 146 Resp: 1431

Ion Ratio Lower Upper

146 100

111 43.8 20.8 62.4

148 63.2 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

