

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009698.D
 Acq On : 18 May 2019 06:39
 Operator : JC/SP
 Sample : K2901-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B_R2

Quant Time: May 20 04:26:58 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

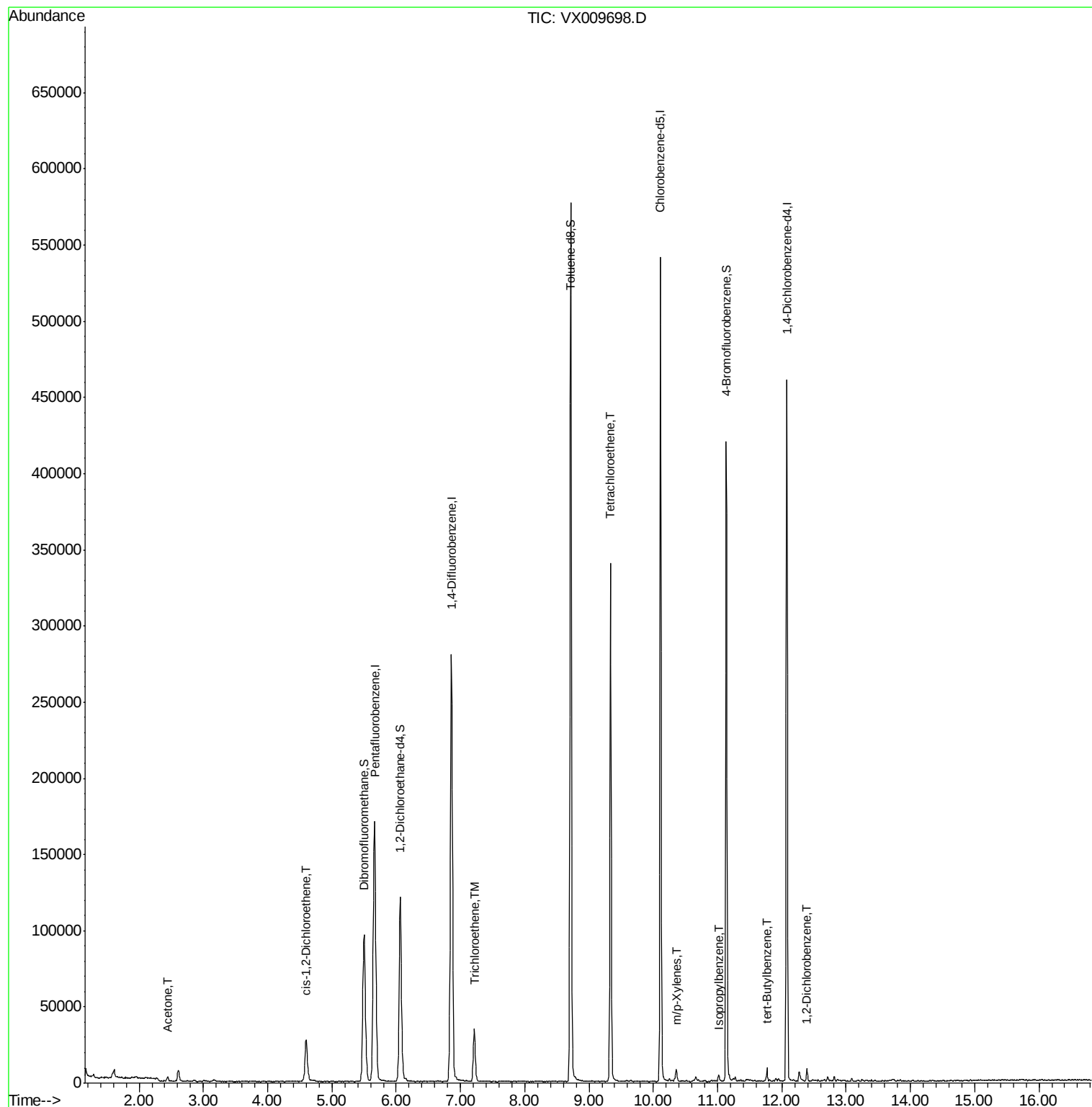
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113291	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	82498	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	334895	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	109279	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	3109	2.518	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	17221	8.417	ug/l	87
44) Trichloroethene	7.22	130	13332	7.169	ug/l	98
64) Tetrachloroethene	9.34	164	67699	42.333	ug/l	100
68) m/p-Xylenes	10.36	106	1450	0.462	ug/l	92
73) Isopropylbenzene	11.02	105	1897	0.275	ug/l	90
83) tert-Butylbenzene	11.77	119	3124	0.554	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	2246	0.724	ug/l	97

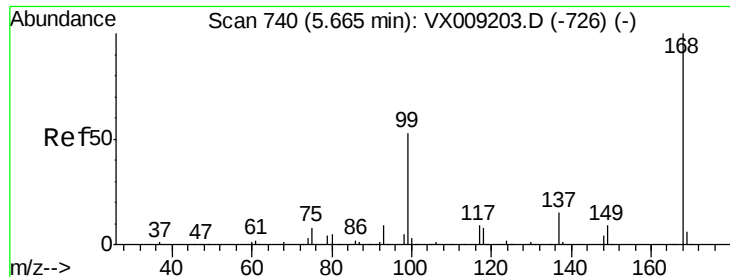
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051719\
Data File : VX009698.D
Acq On : 18 May 2019 06:39
Operator : JC/SP
Sample : K2901-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Quant Time: May 20 04:26:58 2019
Quant Method : Z:\V0ASRV\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: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampleId :

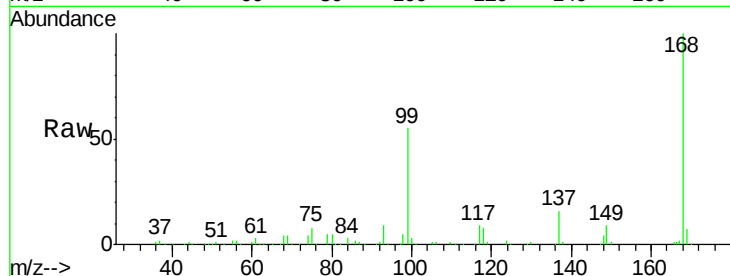
MW-10B_R2

Tot Ion:168 Resp: 168449

Ion Ratio Lower Upper

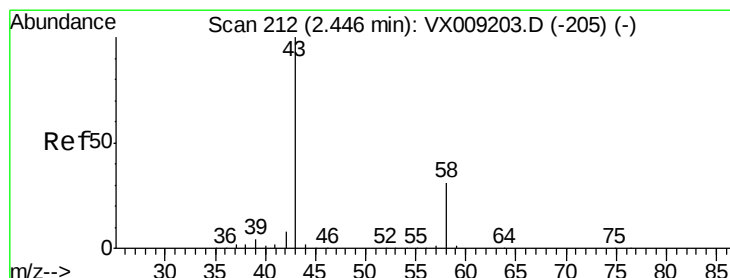
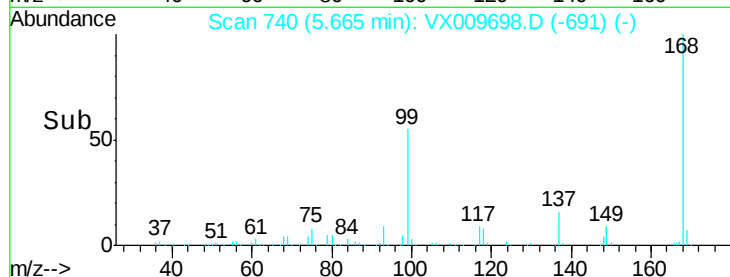
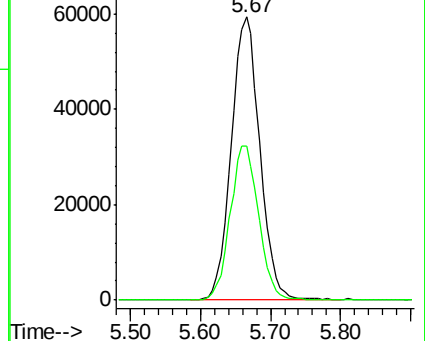
168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009698.D

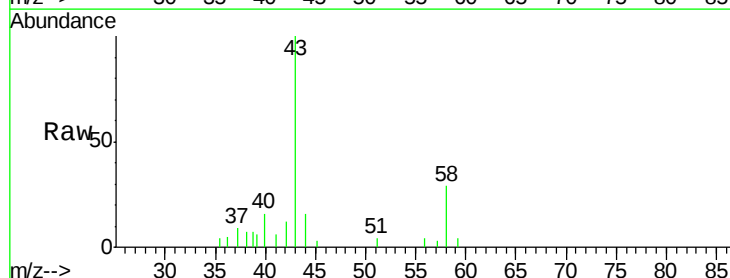
Acq: 18 May 2019 06:39

Tgt Ion: 43 Resp: 3109

Ion Ratio Lower Upper

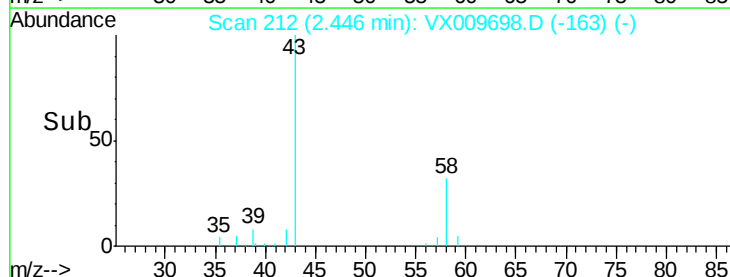
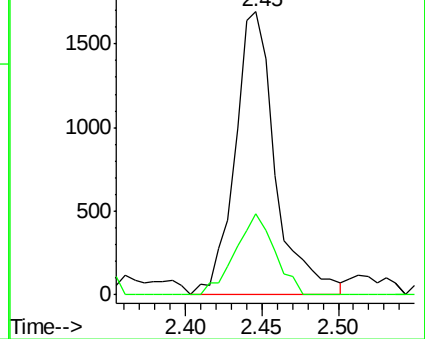
43 100

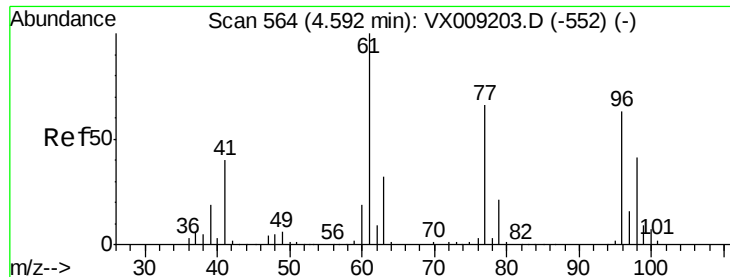
58 28.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



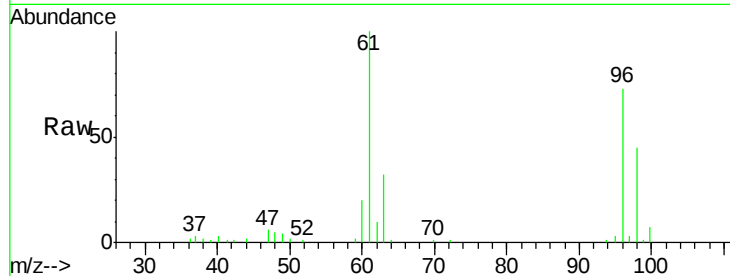


#27

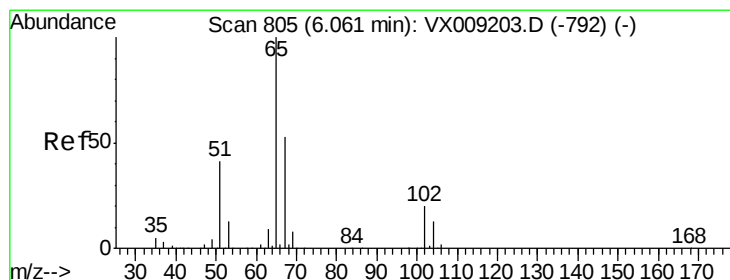
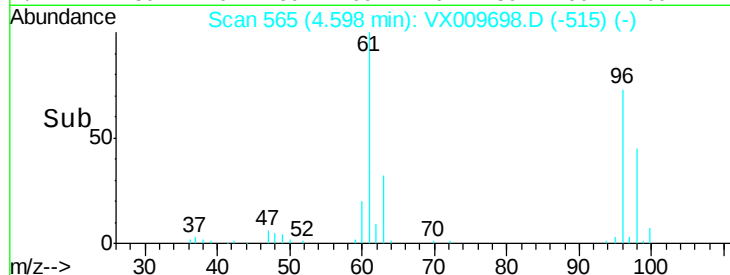
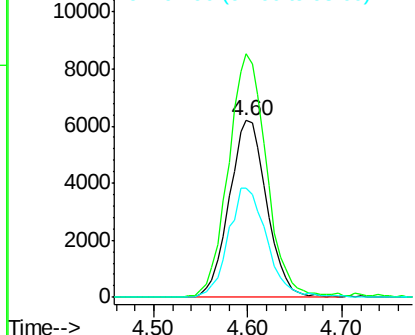
cis-1,2-Dichloroethene
Concen: 8.417 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampled :
MW-10B_R2

Tot Ion: 96 Resp: 17221
Ion Ratio Lower Upper
96 100
61 139.5 0.0 324.0
98 62.9 0.0 130.4



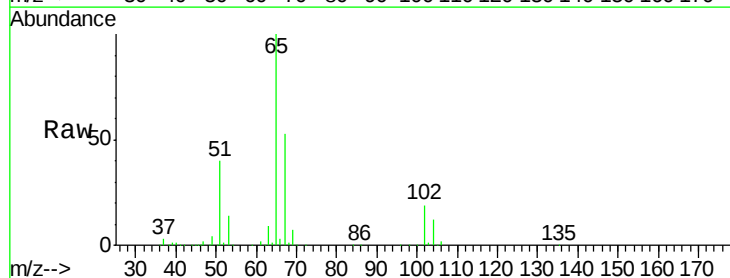
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



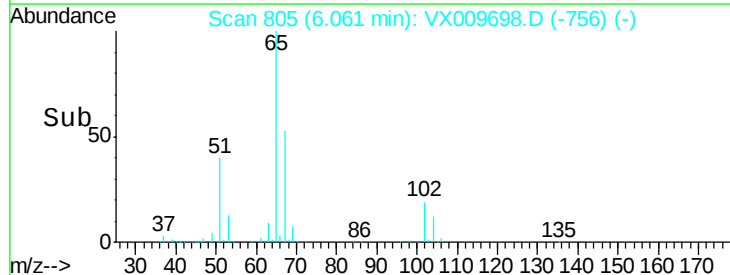
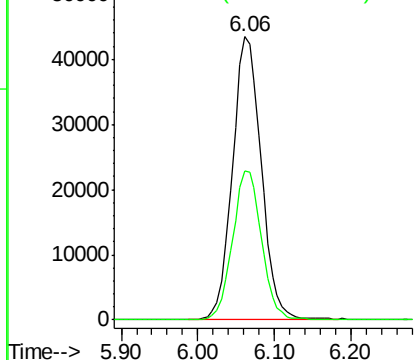
#33

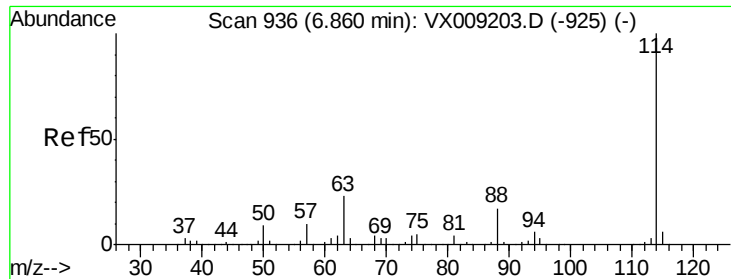
1,2-Dichloroethane-d4
Concen: 49.267 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 65 Resp: 113291
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

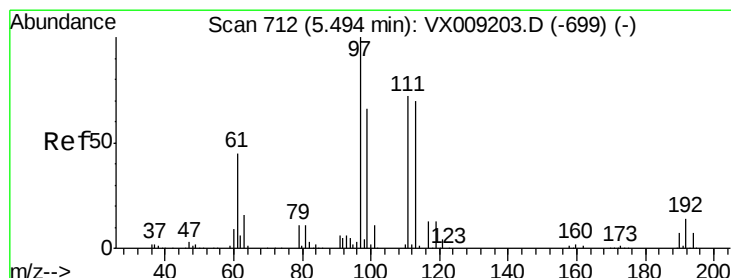
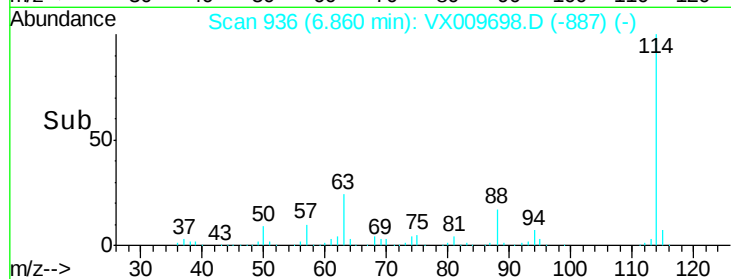
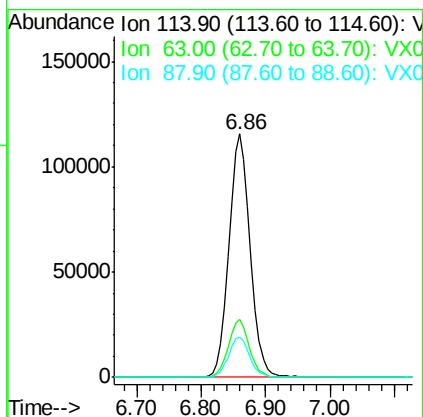
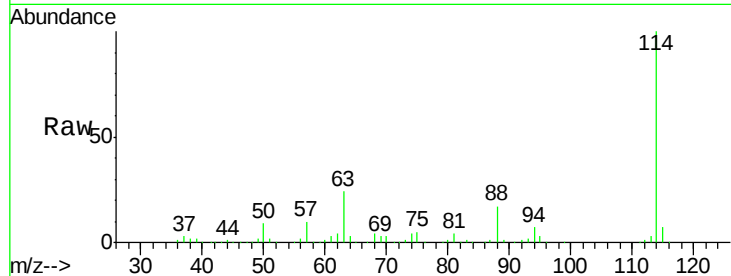




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009698.D
 Acq: 18 May 2019 06:39

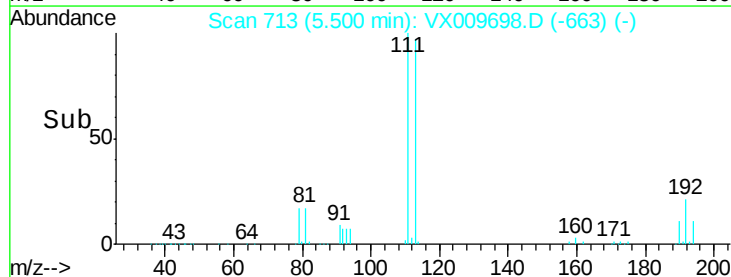
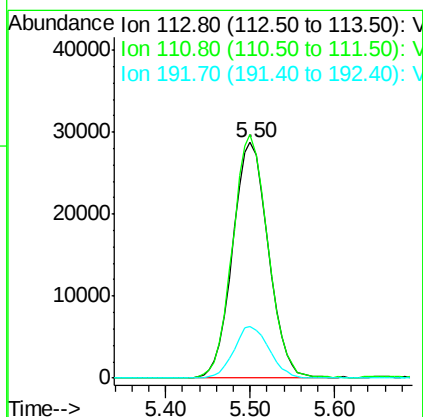
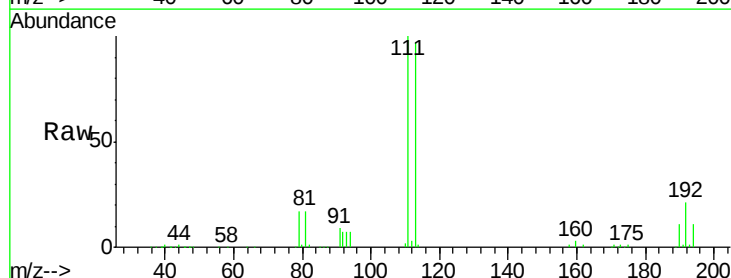
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B_R2

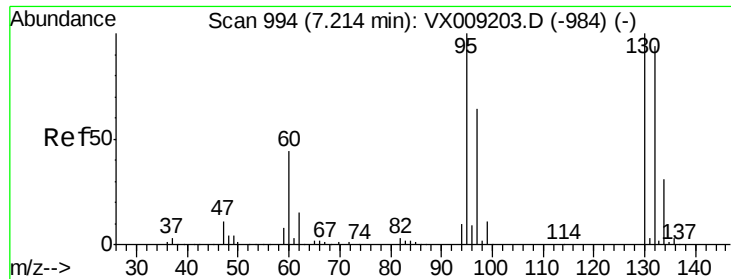
Tot Ion:114 Resp: 267469
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.6 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.065 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009698.D
 Acq: 18 May 2019 06:39

Tgt Ion:113 Resp: 82498
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 21.7 17.0 25.6





#44

Trichloroethene

Concen: 7.169 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampled :

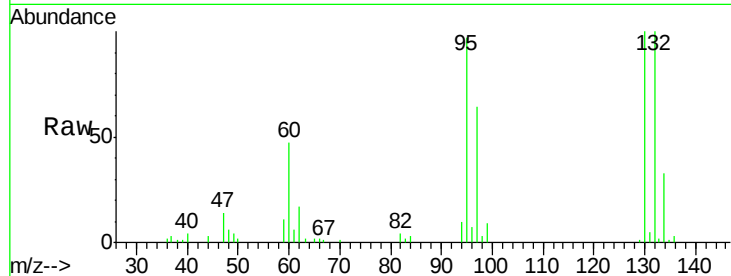
MW-10B_R2

Tot Ion:130 Resp: 13332

Ion Ratio Lower Upper

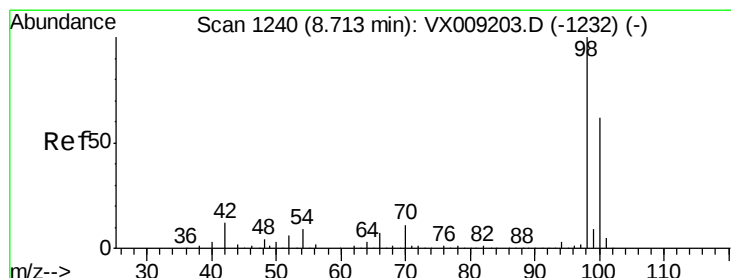
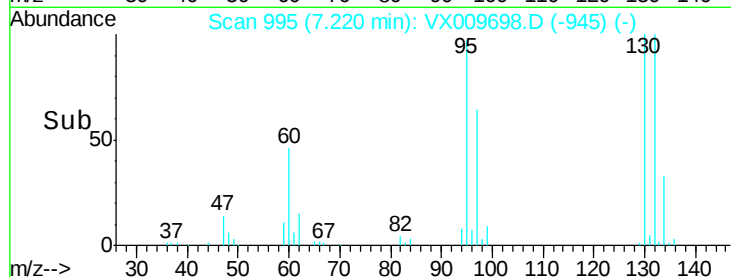
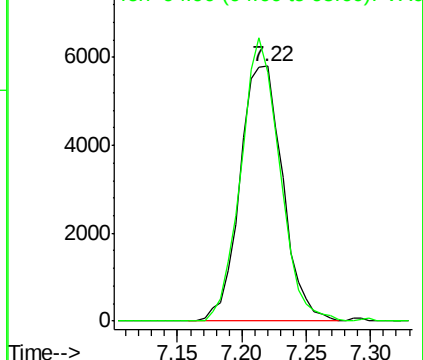
130 100

95 97.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009698.D

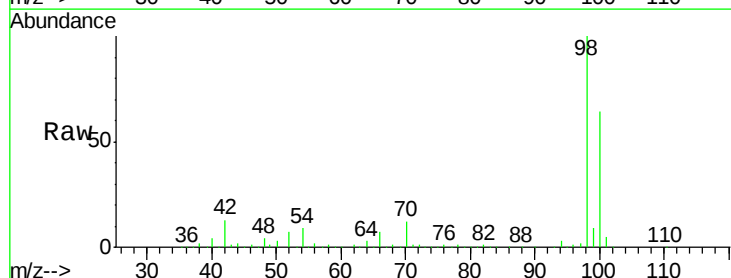
Acq: 18 May 2019 06:39

Tgt Ion: 98 Resp: 334895

Ion Ratio Lower Upper

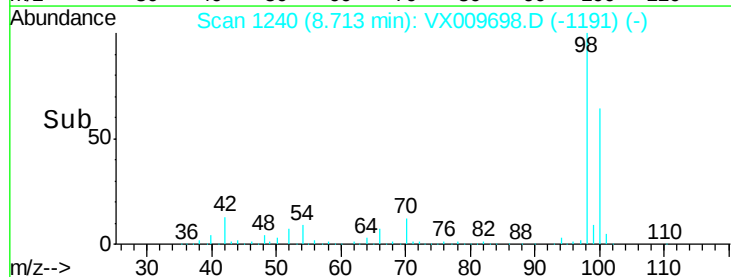
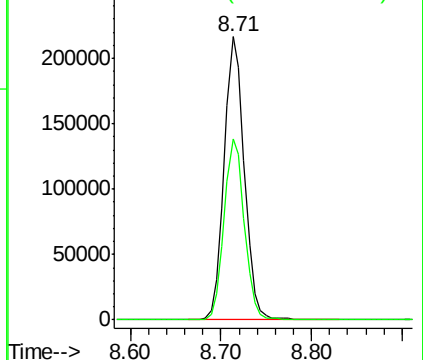
98 100

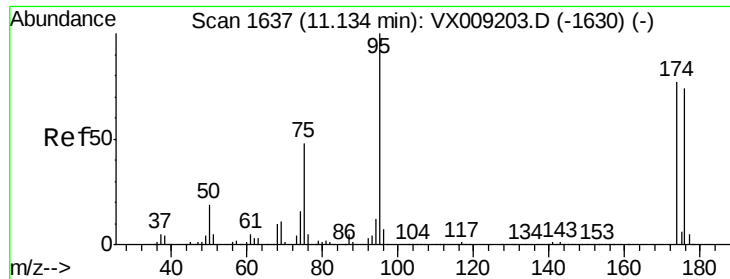
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.303 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampled :

MW-10B_R2

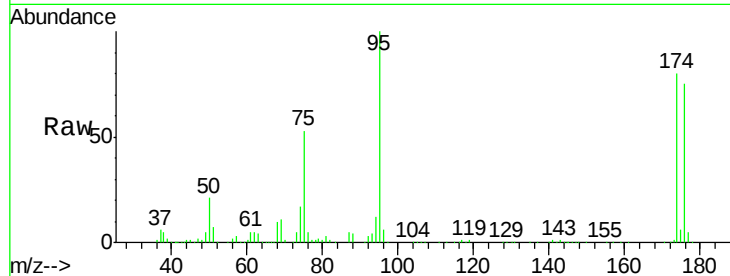
Tot Ion: 95 Resp: 109279

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

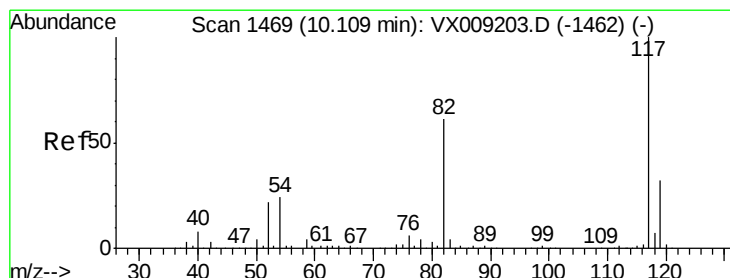
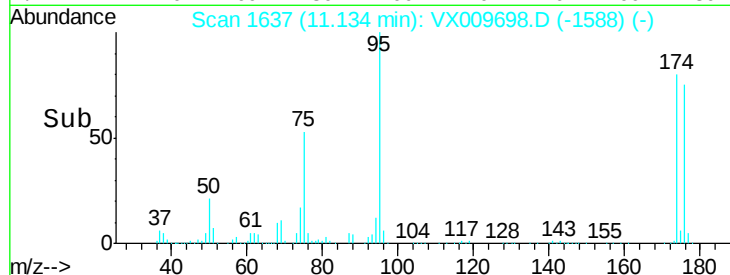
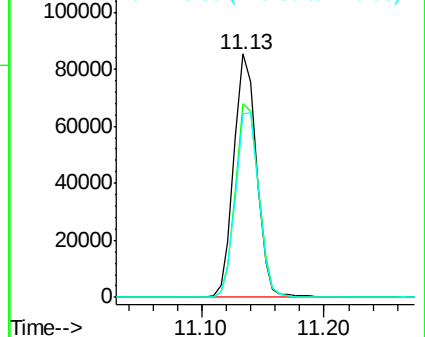
176 78.4 0.0 159.2



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# 1469

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

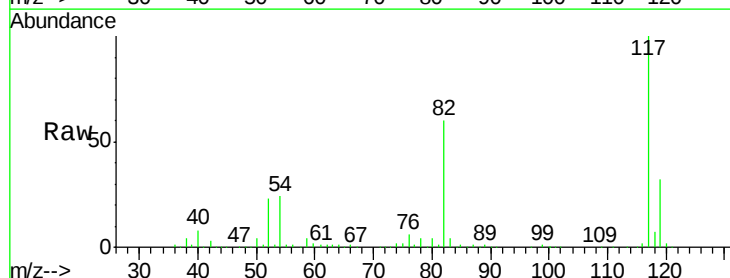
Tgt Ion: 117 Resp: 233136

Ion Ratio Lower Upper

117 100

82 60.1 48.8 73.2

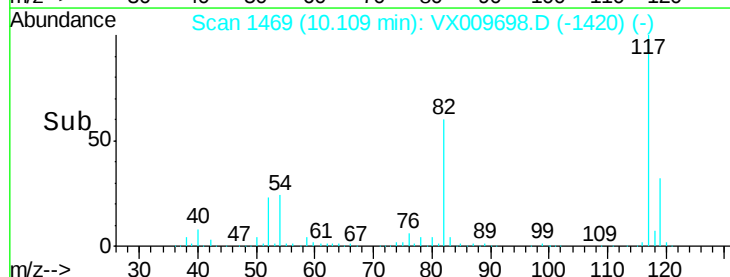
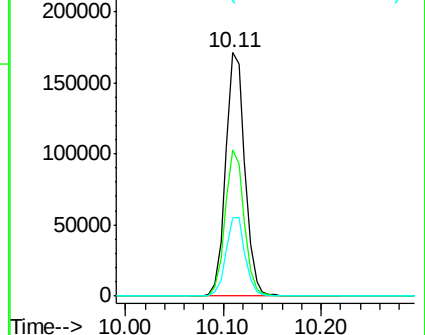
119 32.1 25.8 38.6

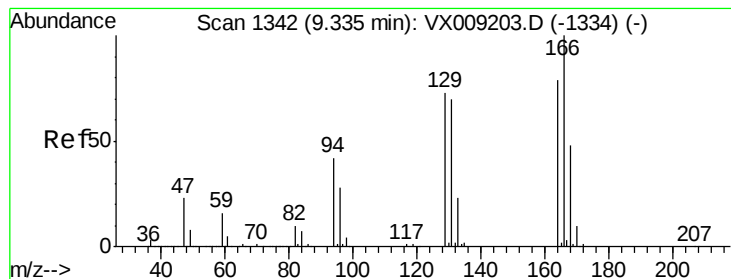


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 42.333 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10B_R2

Tot Ion:164 Resp: 67699

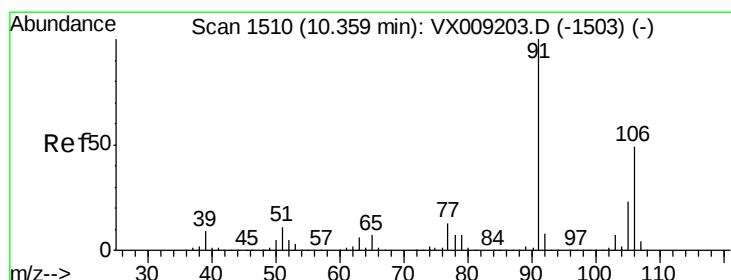
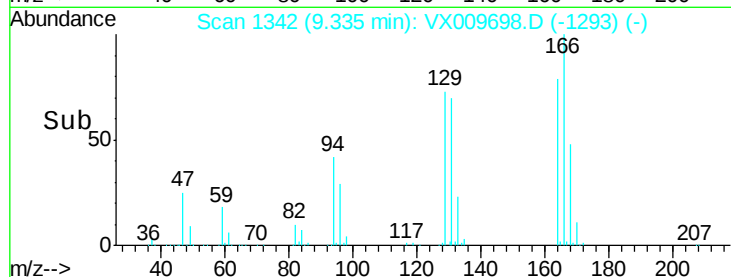
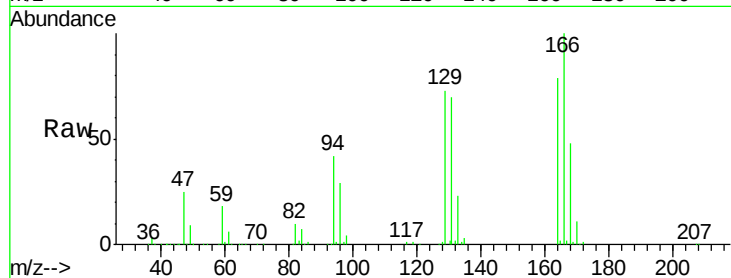
Ion Ratio Lower Upper

164 100

166 127.2 101.2 151.8

129 92.7 74.3 111.5

131 88.7 71.0 106.6



#68

m/p-Xylenes

Concen: 0.462 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009698.D

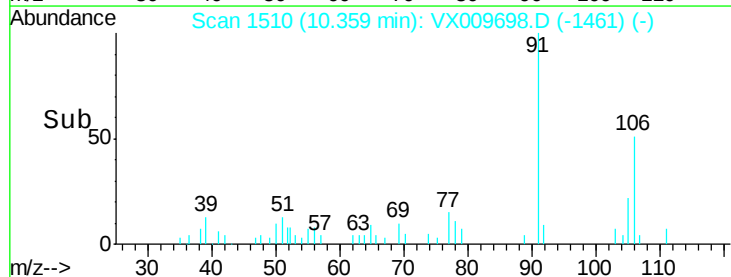
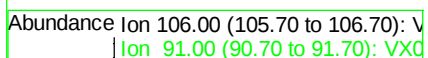
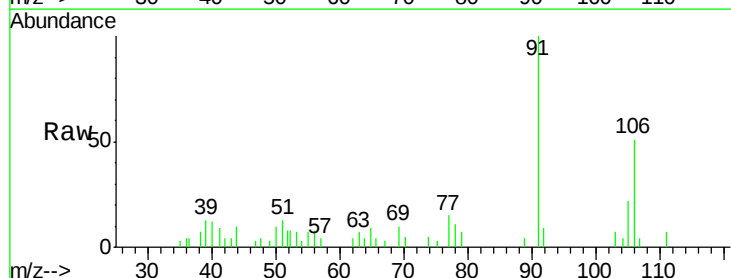
Acq: 18 May 2019 06:39

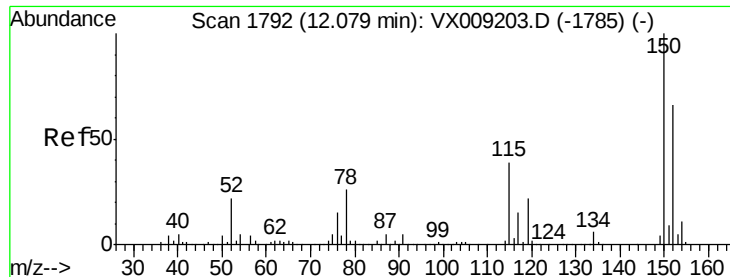
Tgt Ion:106 Resp: 1450

Ion Ratio Lower Upper

106 100

91 216.6 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10B_R2

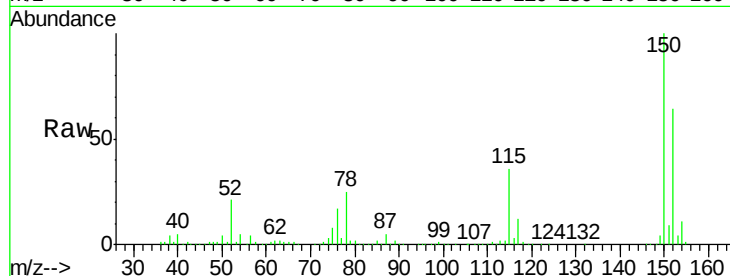
Tot Ion:152 Resp: 94722

Ion Ratio Lower Upper

152 100

115 58.4 41.2 123.6

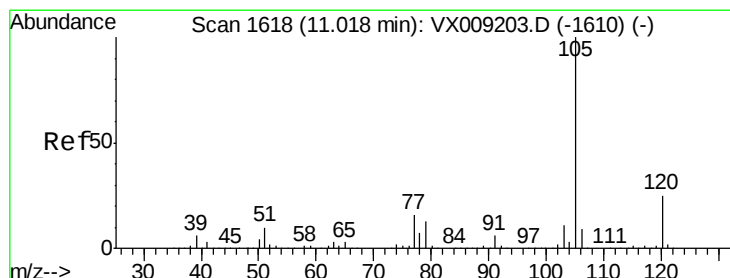
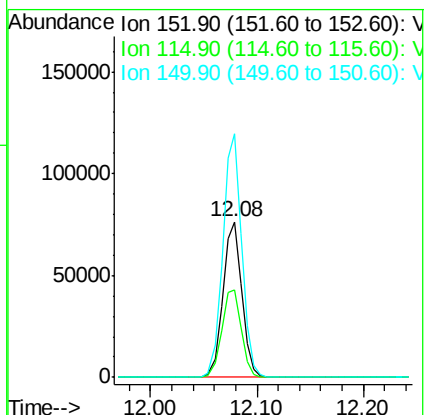
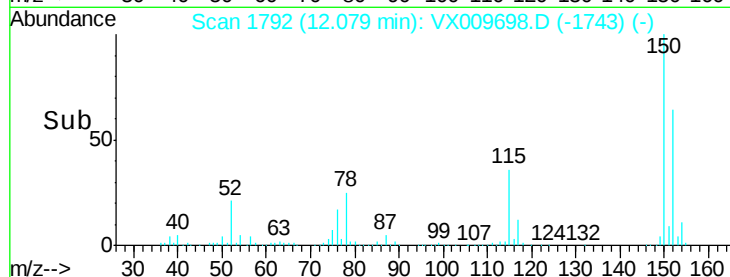
150 156.0 0.0 346.4



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: 0.275 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009698.D

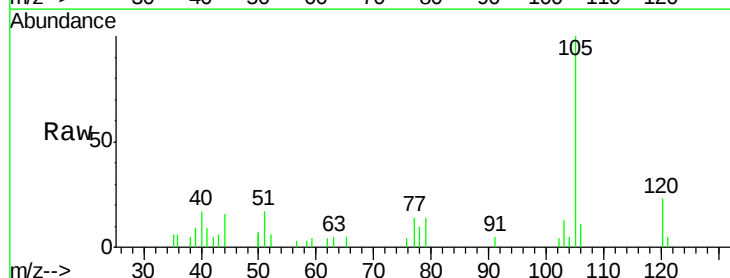
Acq: 18 May 2019 06:39

Tgt Ion:105 Resp: 1897

Ion Ratio Lower Upper

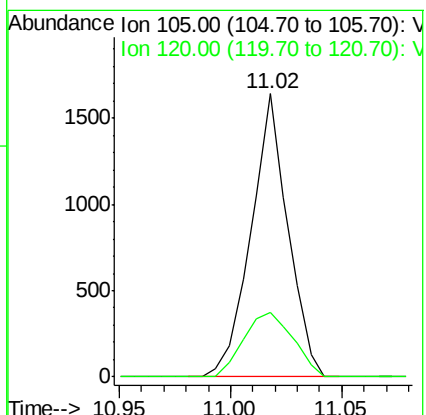
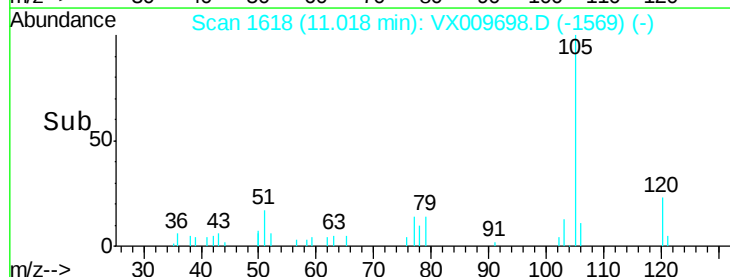
105 100

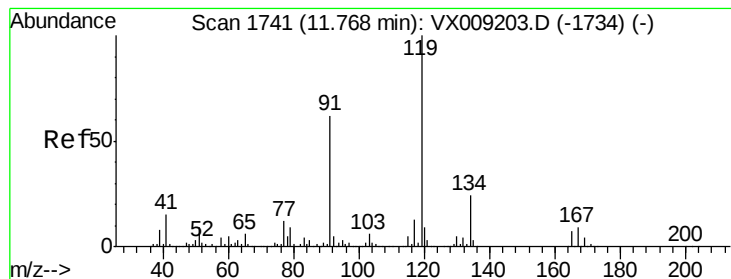
120 30.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 0.554 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

Instrument :

MSVOA_X

ClientSampled :

MW-10B_R2

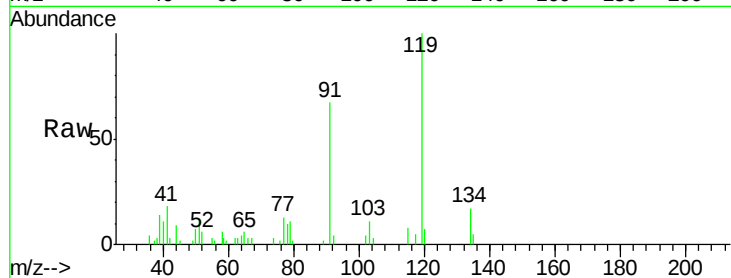
Tot Ion:119 Resp: 3124

Ion Ratio Lower Upper

119 100

91 69.6 29.5 88.5

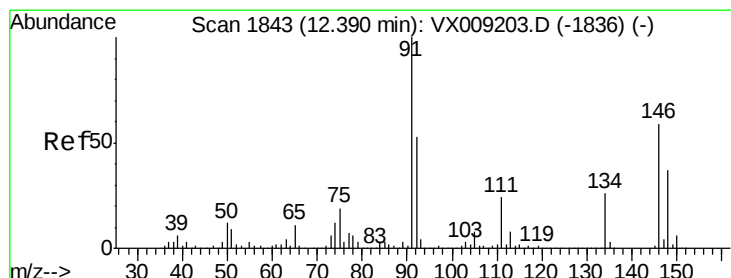
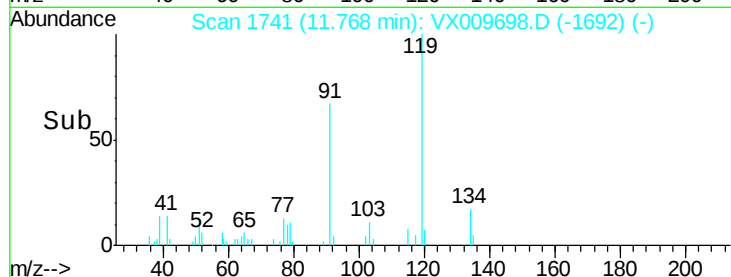
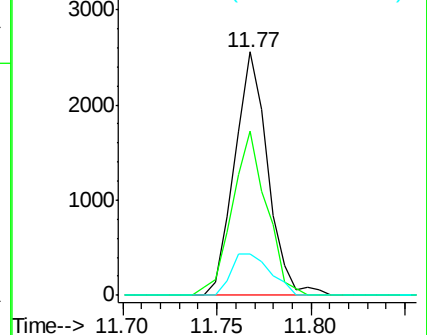
134 20.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.724 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009698.D

Acq: 18 May 2019 06:39

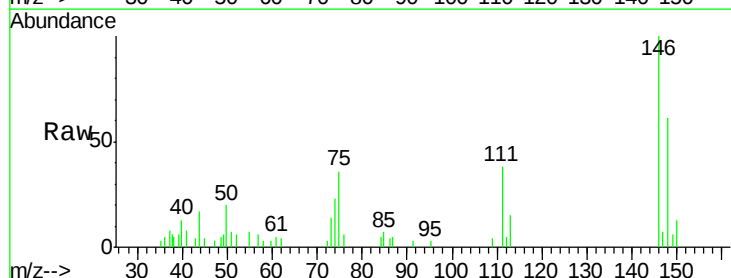
Tgt Ion:146 Resp: 2246

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.4

148 67.4 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

