

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009700.D
 Acq On : 18 May 2019 07:26
 Operator : JC/SP
 Sample : K2901-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10C_R2

Quant Time: May 20 04:31:09 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	167112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113266	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	81809	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	333131	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	107132	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	

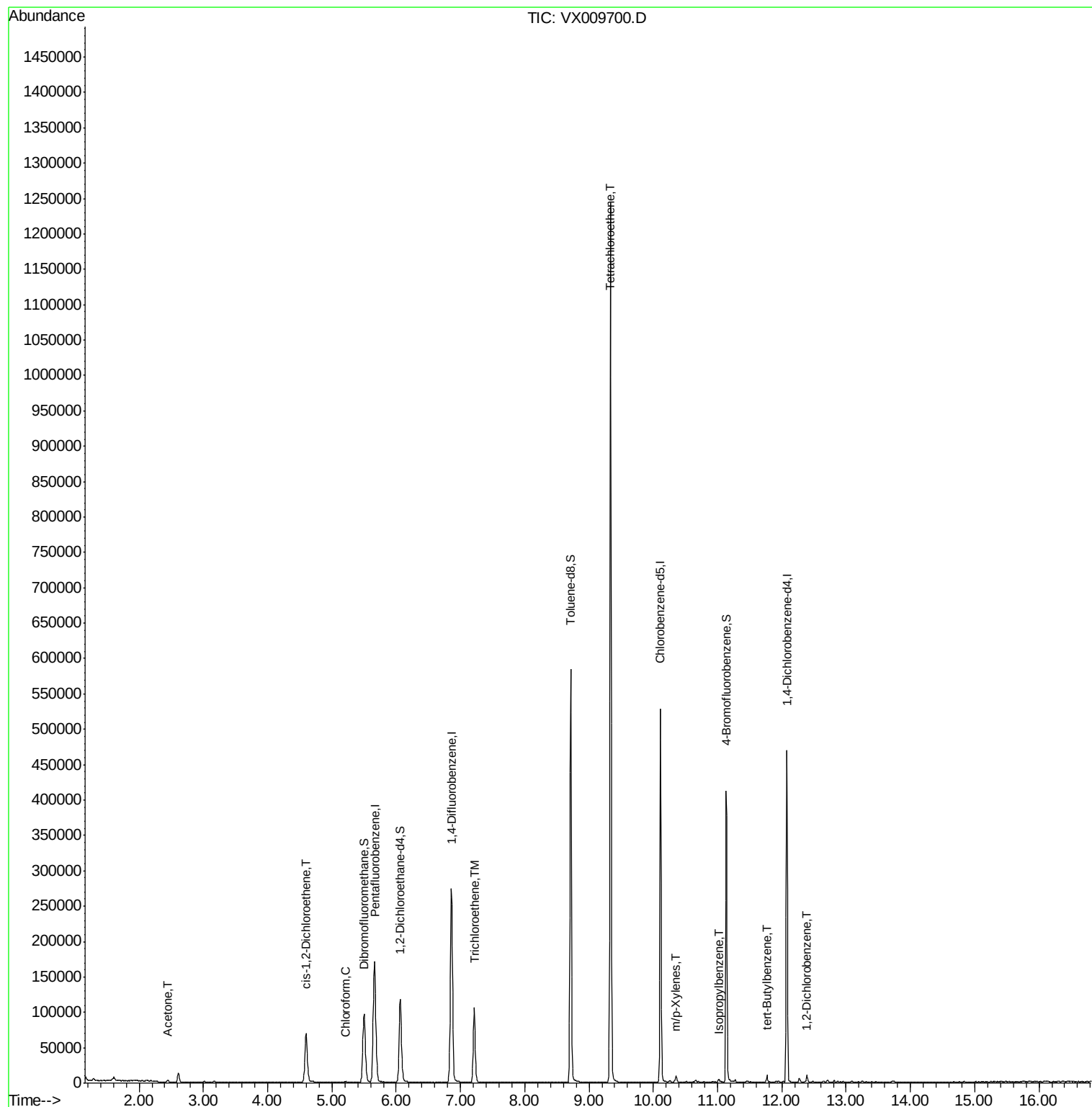
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3373	2.754	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	42246	20.814	ug/l	90
30) Chloroform	5.21	83	1514	0.462	ug/l	99
44) Trichloroethene	7.21	130	40300	21.547	ug/l	99
64) Tetrachloroethene	9.34	164	238430	149.857	ug/l	99
68) m/p-Xylenes	10.35	106	1665	0.534	ug/l	96
73) Isopropylbenzene	11.02	105	2465	0.358	ug/l	99
83) tert-Butylbenzene	11.77	119	3656	0.649	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	2535	0.818	ug/l	94

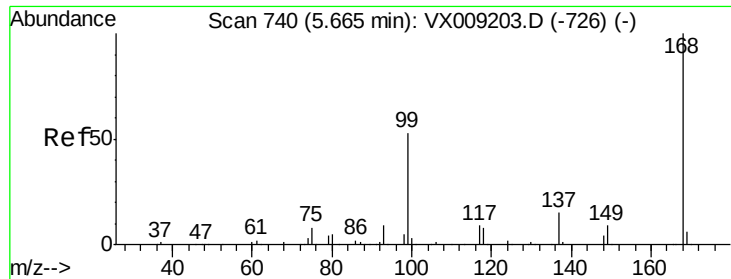
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051719\
Data File : VX009700.D
Acq On : 18 May 2019 07:26
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Sample : K2901-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Quant Time: May 20 04:31:09 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: VX009700.D

Acq: 18 May 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

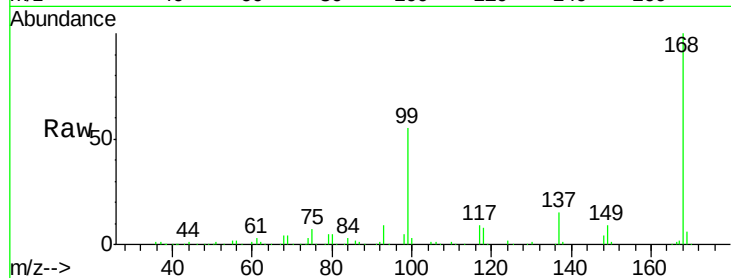
MW-10C_R2

Tot Ion:168 Resp: 167112

Ion Ratio Lower Upper

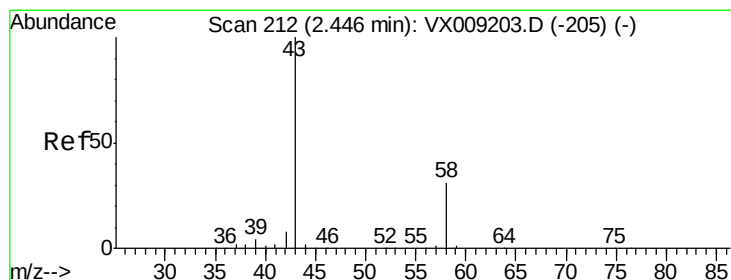
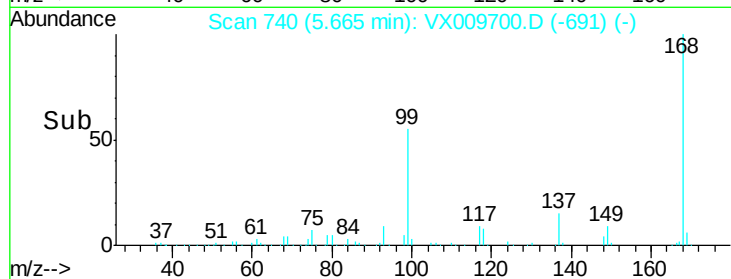
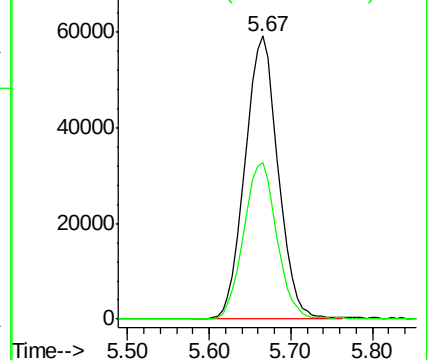
168 100

99 55.3 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: 2.754 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009700.D

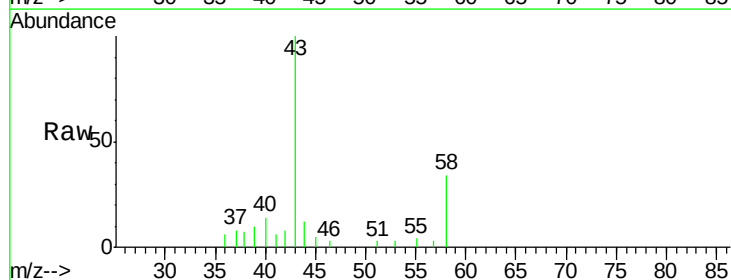
Acq: 18 May 2019 07:26

Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

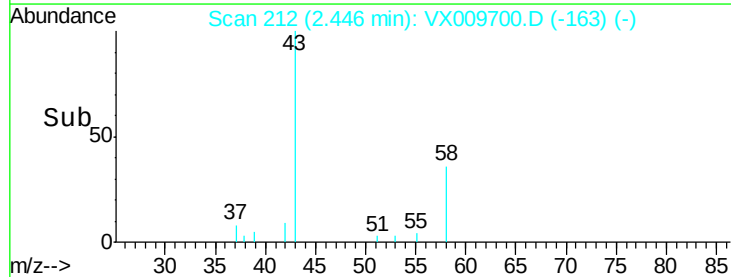
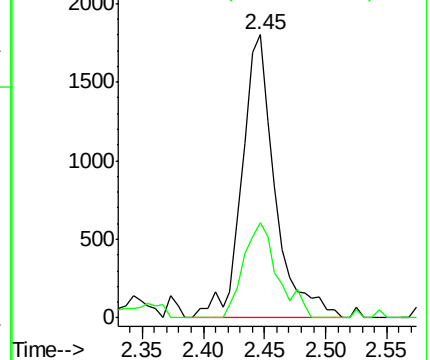
43 100

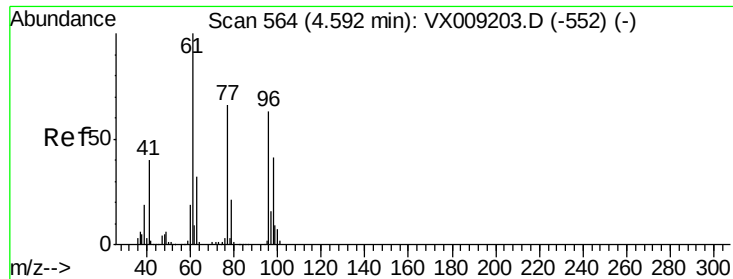
58 33.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



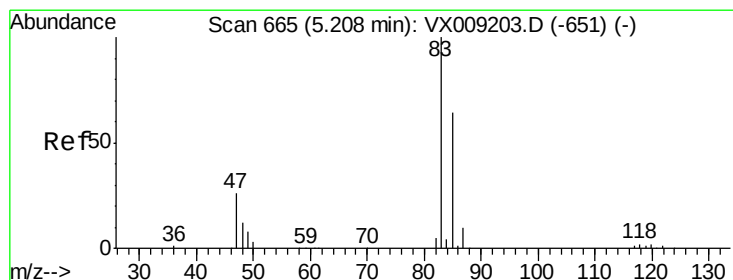
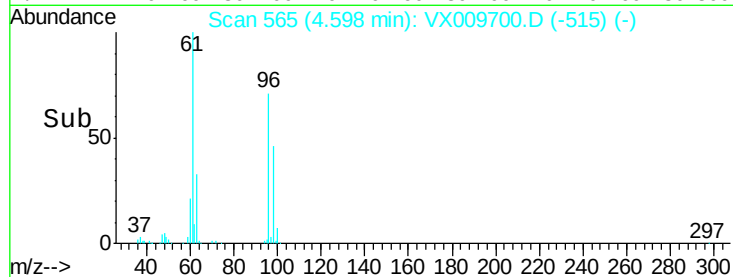
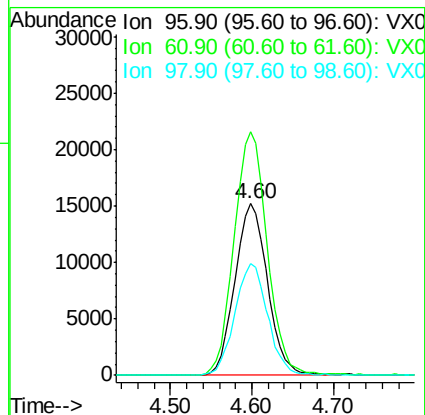
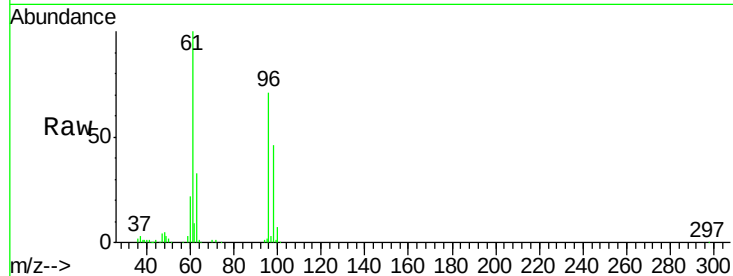


#27

cis-1,2-Dichloroethene
 Concen: 20.814 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009700.D
 Acq: 18 May 2019 07:26

Instrument :
 MSVOA_X
 ClientSampled :
 MW-10C_R2

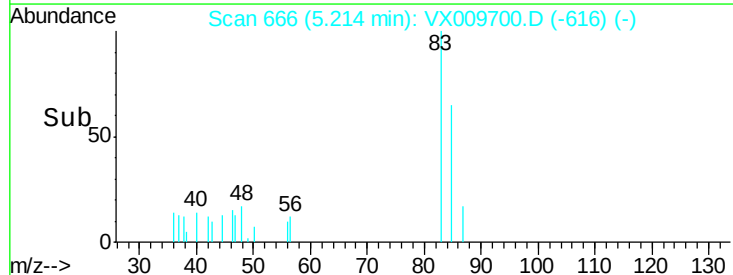
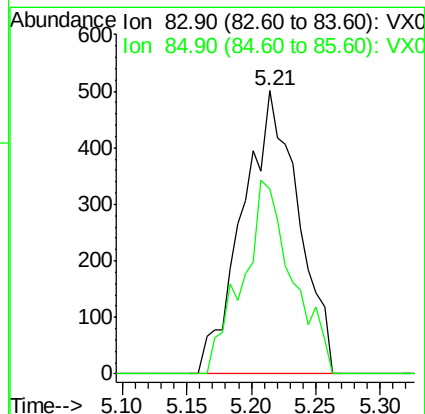
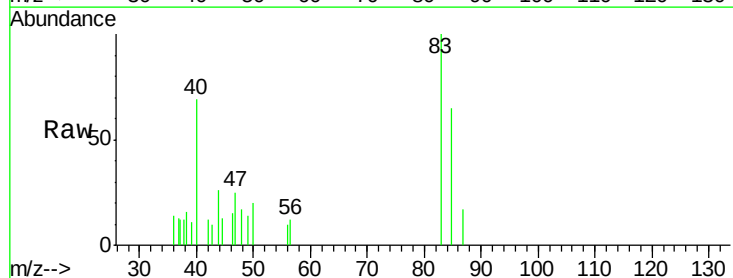
Tot Ion: 96 Resp: 42246
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 324.0
 98 65.4 0.0 130.4

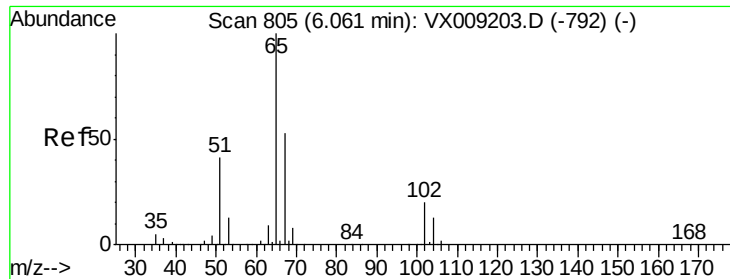


#30

Chloroform
 Concen: 0.462 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX009700.D
 Acq: 18 May 2019 07:26

Tgt Ion: 83 Resp: 1514
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.5 77.3

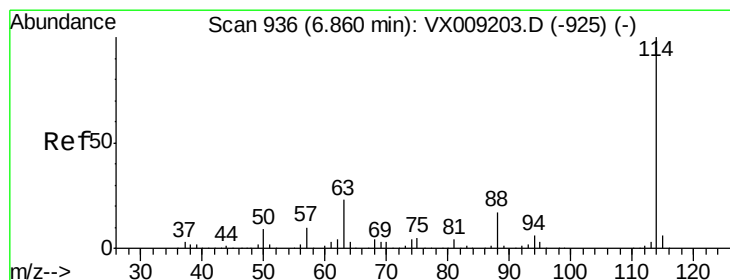
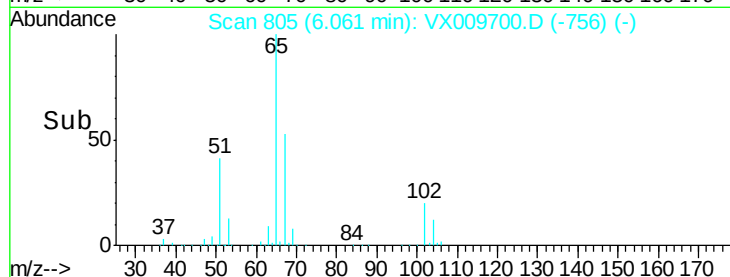
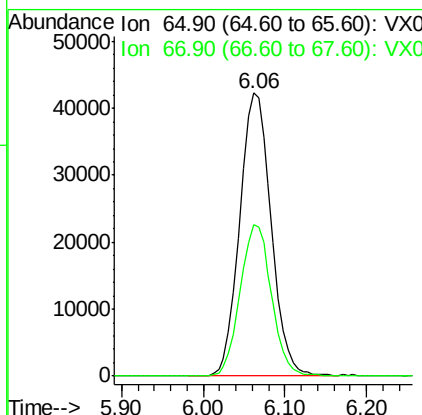
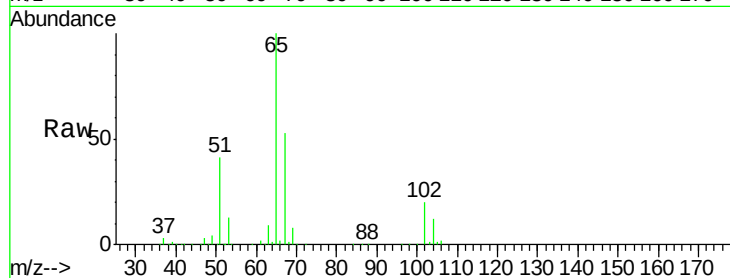




#33
 1,2-Dichloroethane-d4
 Concen: 49.650 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009700.D
 Acq: 18 May 2019 07:26

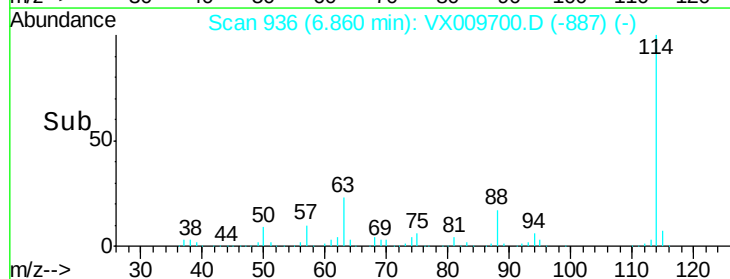
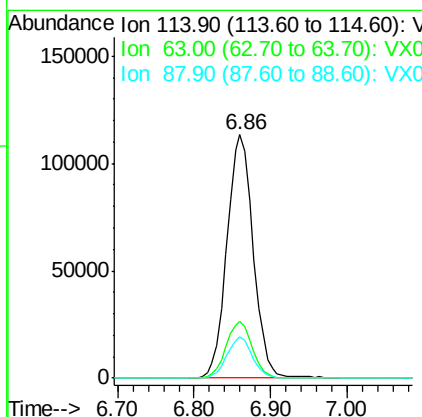
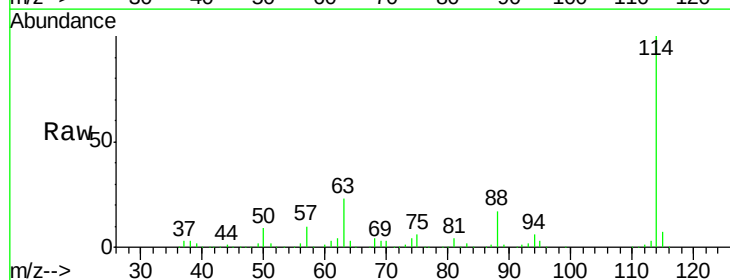
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10C_R2

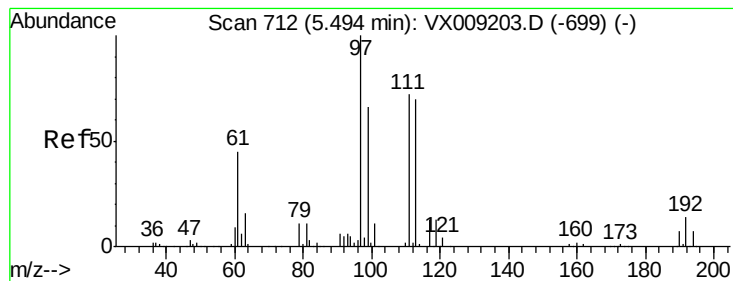
Tot Ion: 65 Resp: 113266
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009700.D
 Acq: 18 May 2019 07:26

Tgt Ion: 114 Resp: 268996
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.379 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009700.D

Acq: 18 May 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

MW-10C_R2

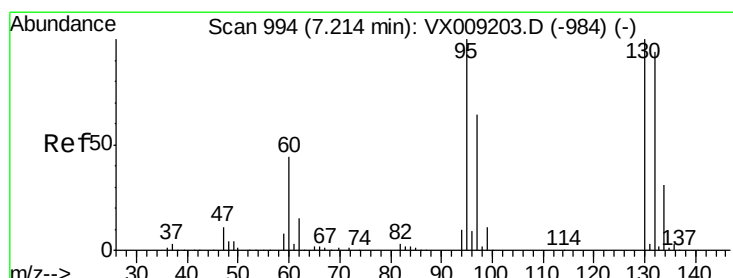
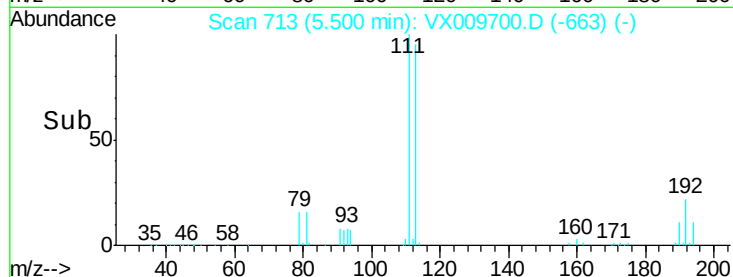
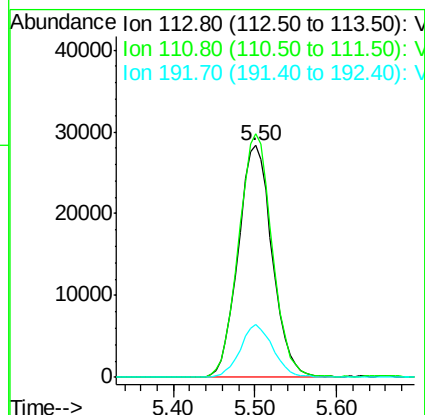
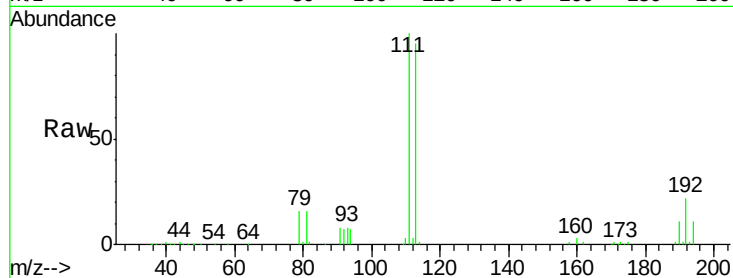
Tot Ion:113 Resp: 81809

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 22.0 17.0 25.6



#44

Trichloroethene

Concen: 21.547 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009700.D

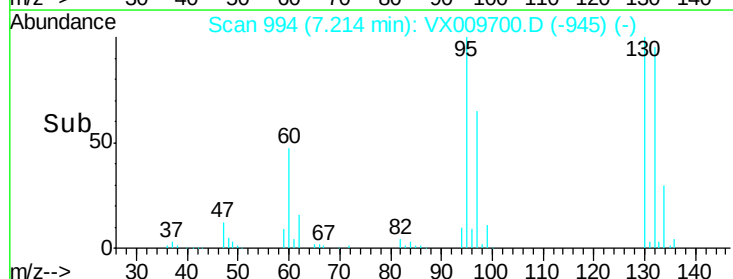
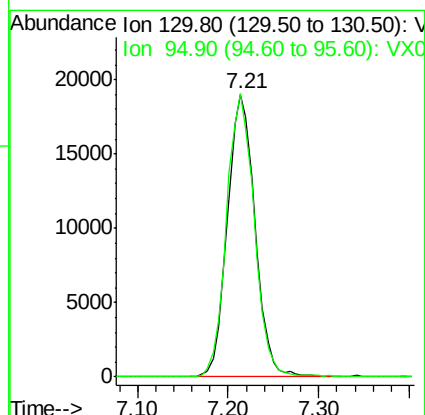
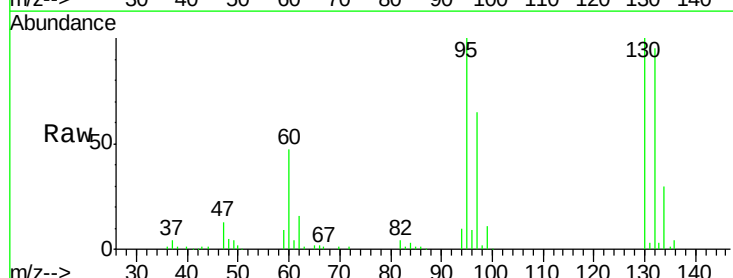
Acq: 18 May 2019 07:26

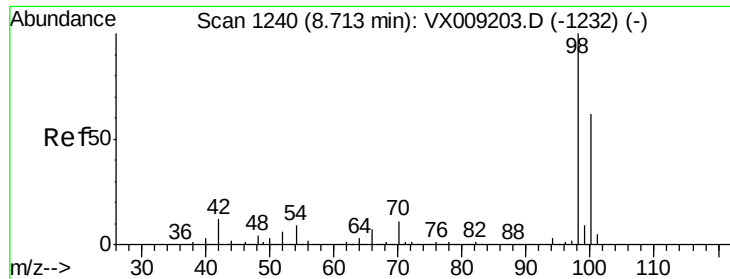
Tgt Ion:130 Resp: 40300

Ion Ratio Lower Upper

130 100

95 100.3 0.0 199.2





#50

Toluene-d8

Concen: 48.796 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009700.D

Acq: 18 May 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

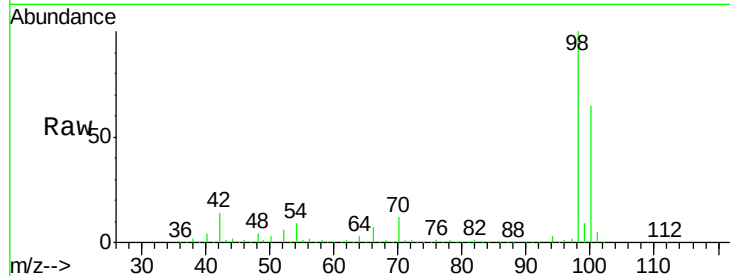
MW-10C_R2

Tot Ion: 98 Resp: 333131

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

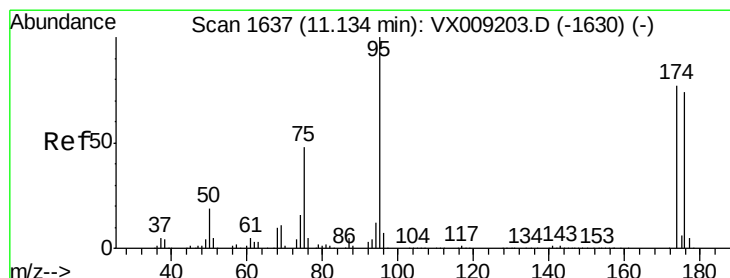
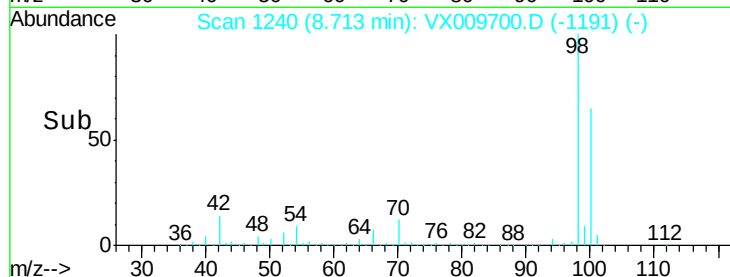
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 43.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009700.D

Acq: 18 May 2019 07:26

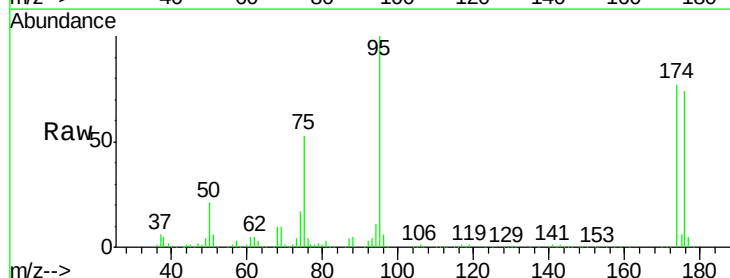
Tgt Ion: 95 Resp: 107132

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

176 79.3 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

100000

80000

60000

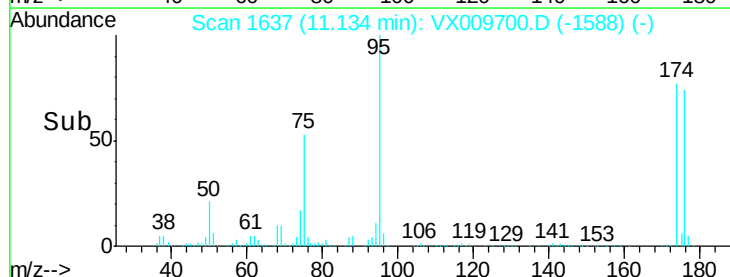
40000

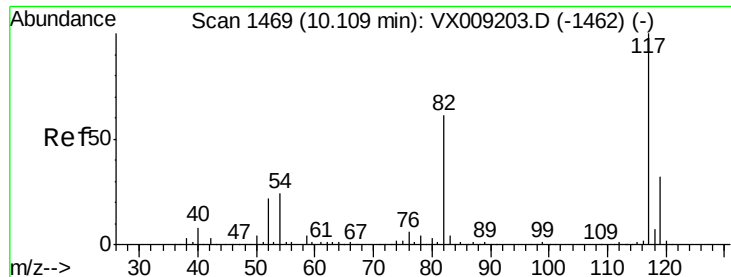
20000

0

11.10 11.20

Time-->

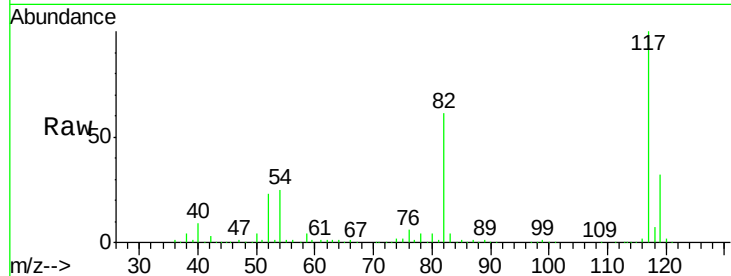




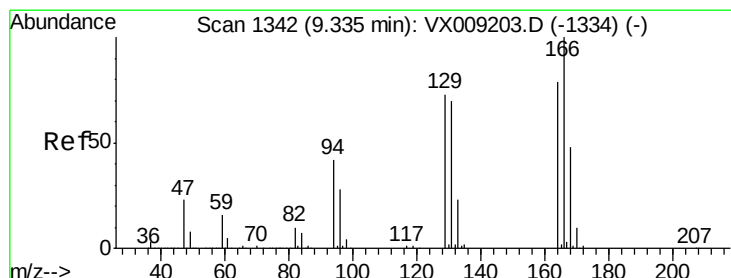
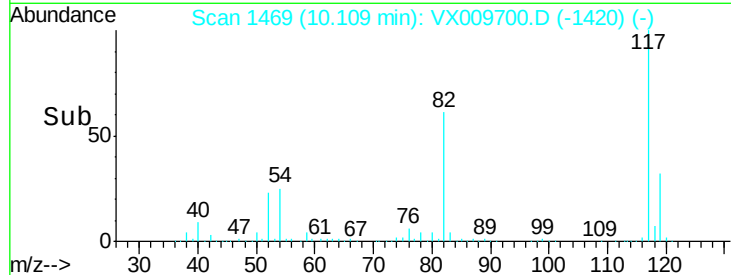
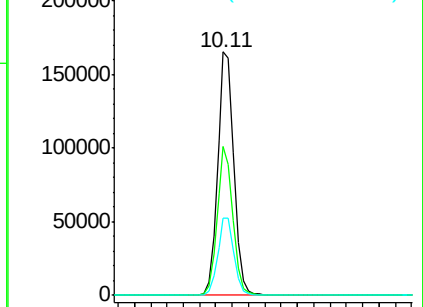
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampled :
MW-10C_R2

Tot Ion:117 Resp: 231947
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 32.0 25.8 38.6

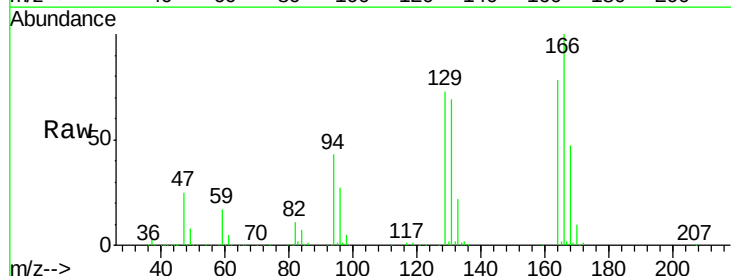


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

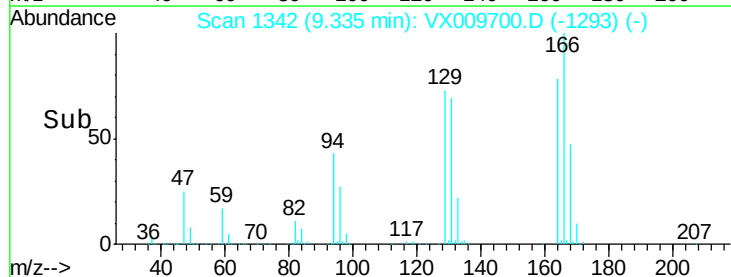
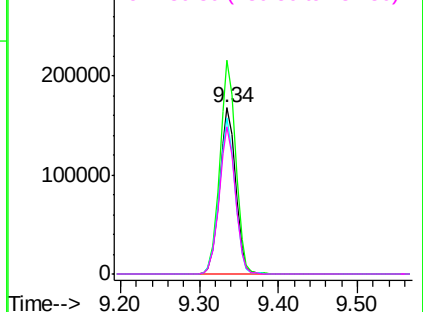


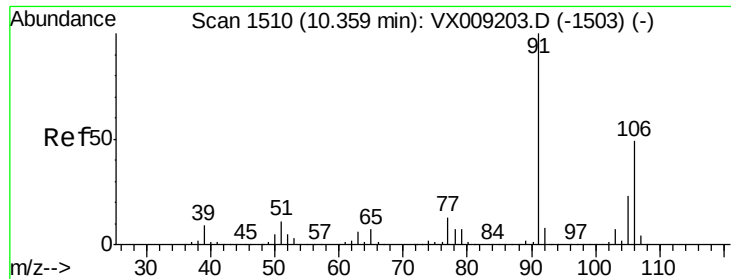
#64
Tetrachloroethene
Concen: 149.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:164 Resp: 238430
Ion Ratio Lower Upper
164 100
166 128.5 101.2 151.8
129 93.7 74.3 111.5
131 88.7 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

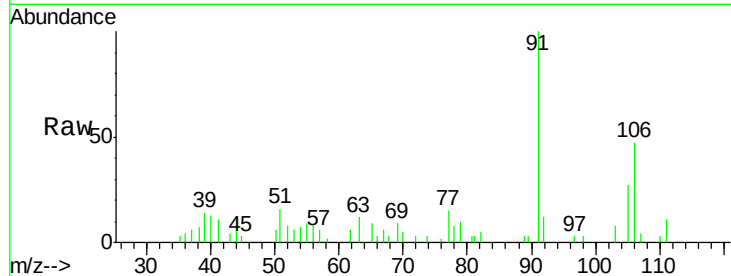




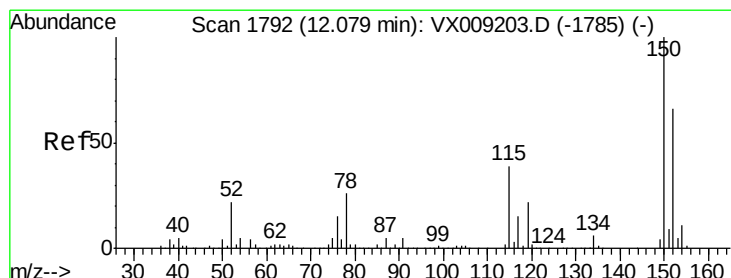
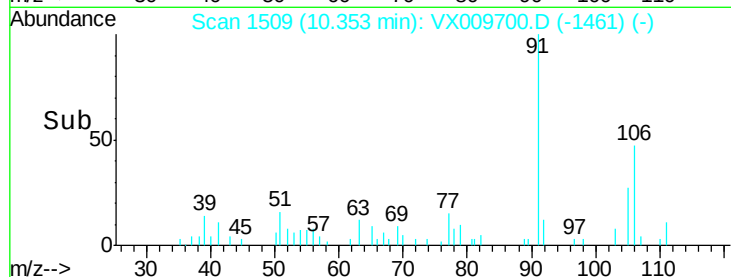
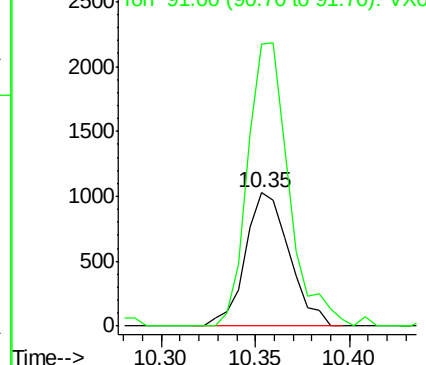
#68
m/p-Xvlenes
Concen: 0.534 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampled :
MW-10C_R2

Tot Ion:106 Resp: 1665
Ion Ratio Lower Upper
106 100
91 198.7 164.0 246.0

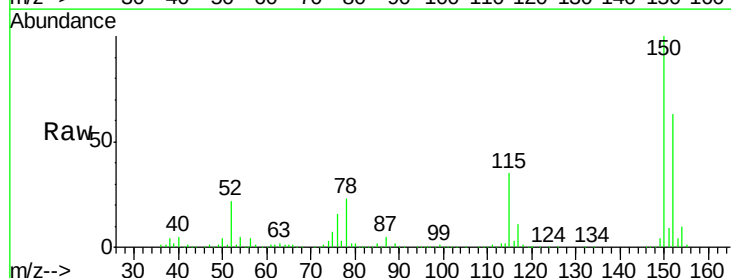


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

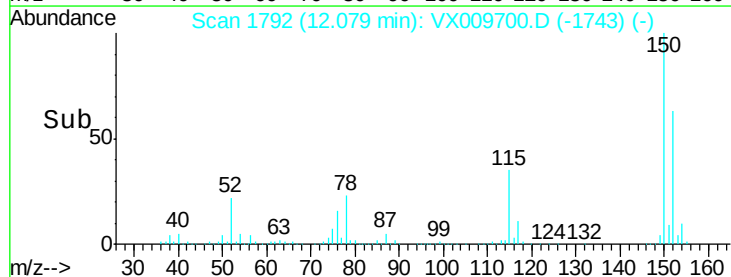
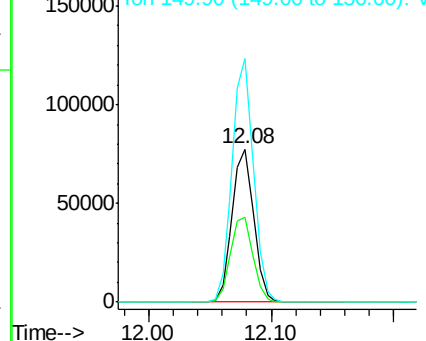


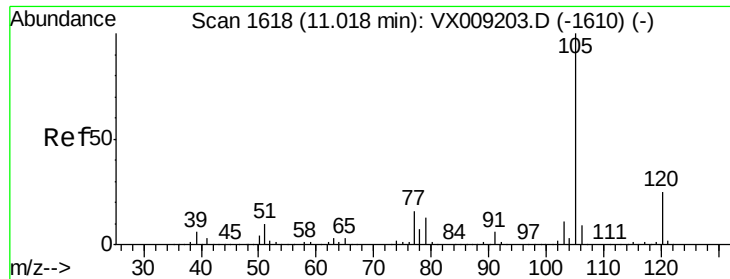
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:152 Resp: 94611
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 157.4 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: 0.358 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009700.D

Acq: 18 May 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

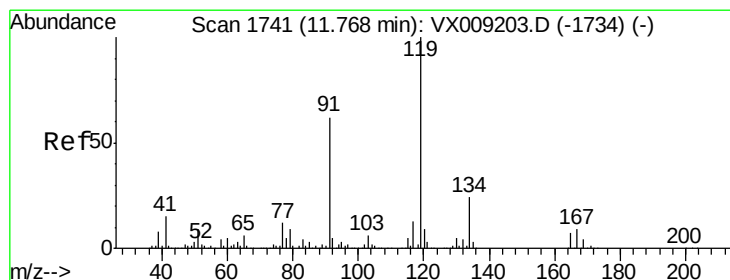
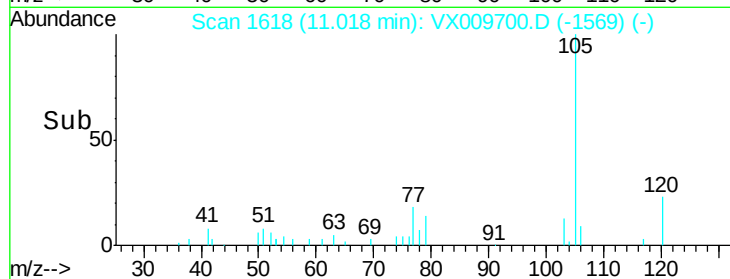
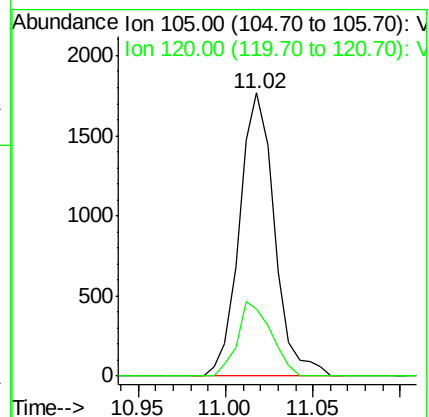
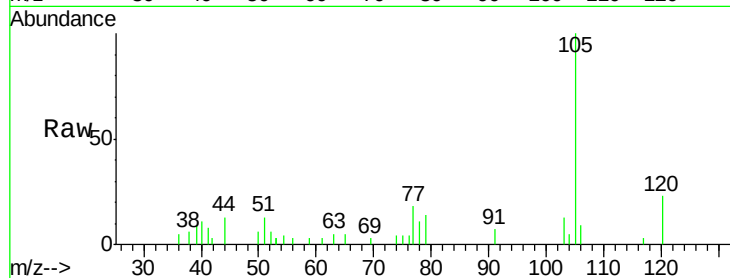
MW-10C_R2

Tot Ion:105 Resp: 2465

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#83

tert-Butylbenzene

Concen: 0.649 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009700.D

Acq: 18 May 2019 07:26

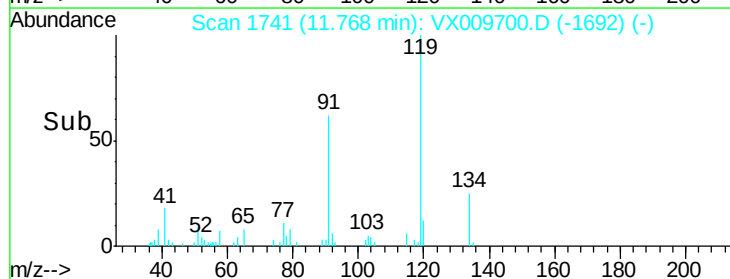
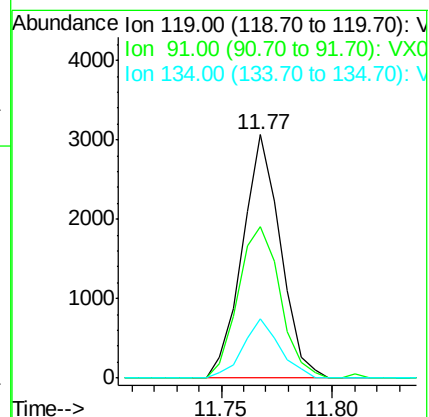
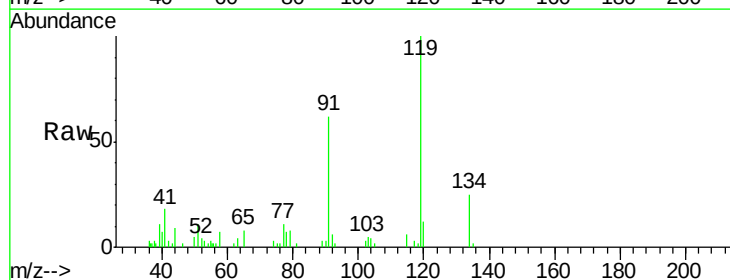
Tgt Ion:119 Resp: 3656

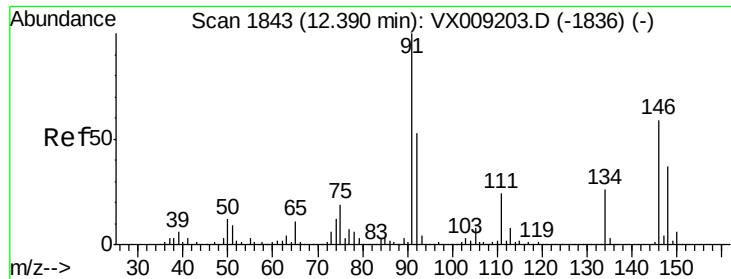
Ion Ratio Lower Upper

119 100

91 68.5 29.5 88.5

134 23.4 11.4 34.1





#91
 1,2-Dichlorobenzene
 Concen: 0.818 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009700.D
 Acq: 18 May 2019 07:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10C_R2

Tot Ion:146 Resp: 2535
 Ion Ratio Lower Upper
 146 100
 111 44.8 20.8 62.4
 148 69.1 31.9 95.9

