

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009703.D
 Acq On : 18 May 2019 08:36
 Operator : JC/SP
 Sample : K2901-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D_R2

Quant Time: May 20 04:38:01 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	168125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103282	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	115158	50.18	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	100.36%	
35) Dibromofluoromethane	5.50	113	83677	48.94	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	97.88%	
50) Toluene-d8	8.71	98	341228	49.43	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	114013	45.45	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	90.90%	

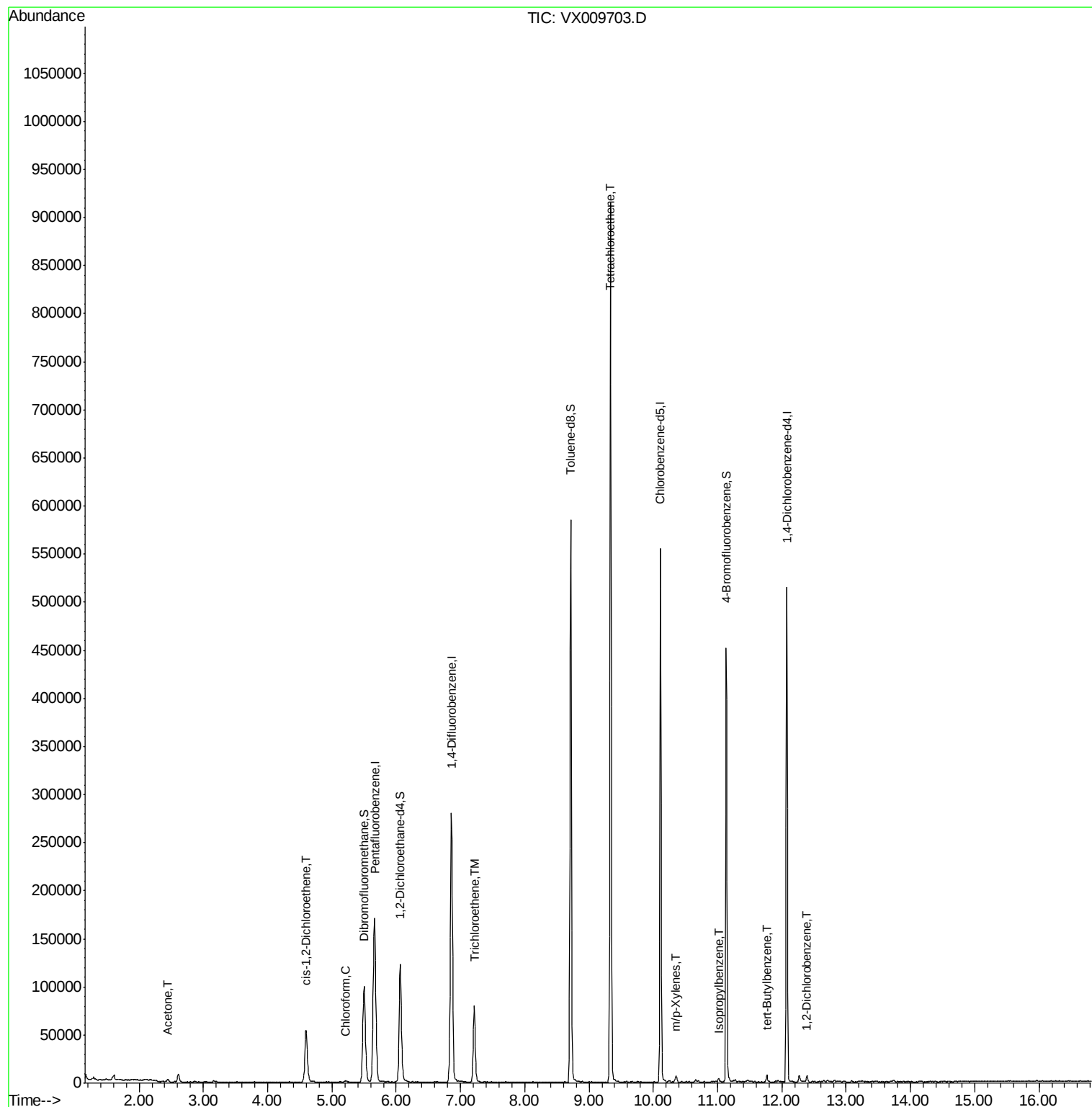
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2934	2.381	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	33690	16.498	ug/l	91
30) Chloroform	5.21	83	1413	0.428	ug/l	88
44) Trichloroethene	7.21	130	30855	16.315	ug/l	99
64) Tetrachloroethene	9.34	164	179476	108.292	ug/l	98
68) m/p-Xylenes	10.35	106	1271	0.391	ug/l	97
73) Isopropylbenzene	11.02	105	1735	0.231	ug/l	86
83) tert-Butylbenzene	11.77	119	2475	0.402	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	2138	0.632	ug/l	98

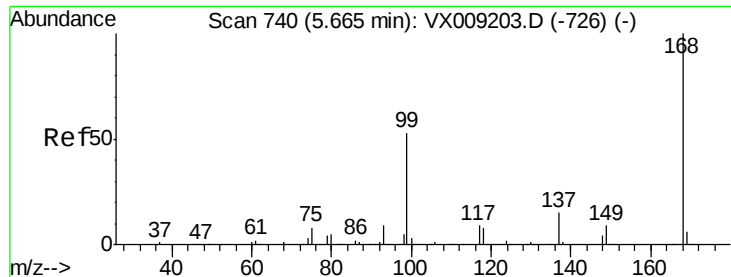
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 04:38:01 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: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampleId :

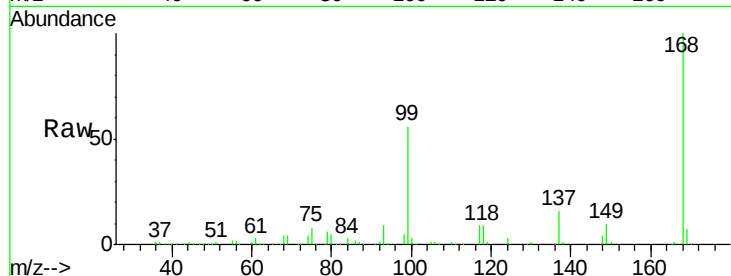
MW-10D_R2

Tot Ion:168 Resp: 168125

Ion Ratio Lower Upper

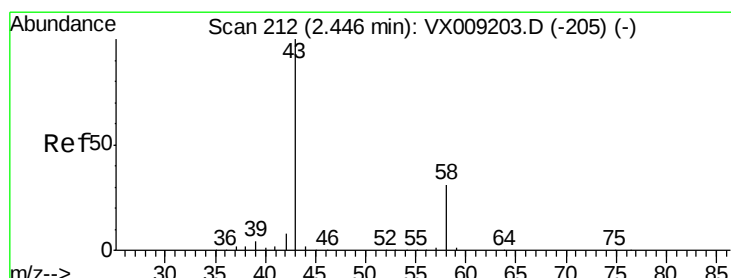
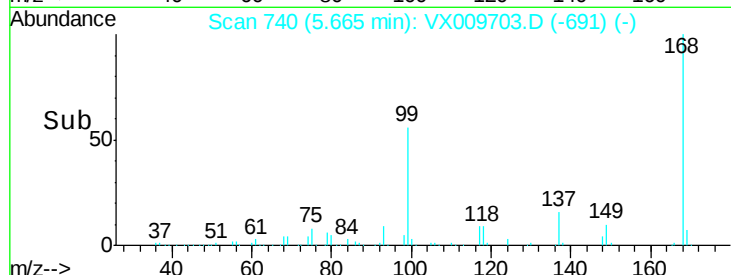
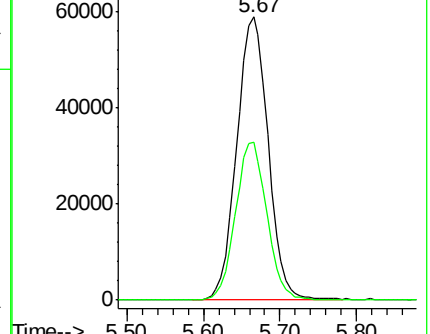
168 100

99 55.5 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: 2.381 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009703.D

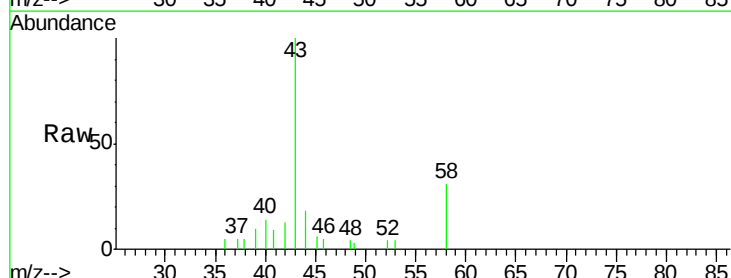
Acq: 18 May 2019 08:36

Tgt Ion: 43 Resp: 2934

Ion Ratio Lower Upper

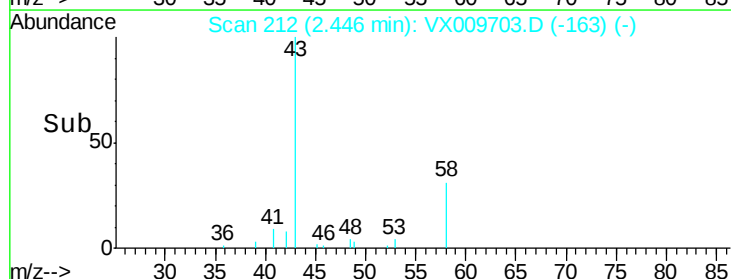
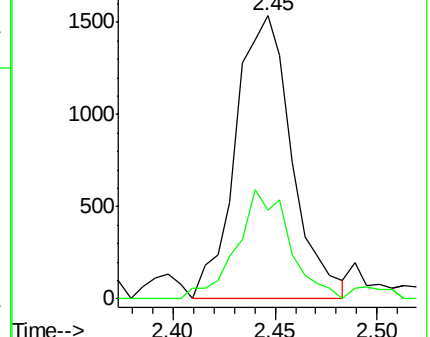
43 100

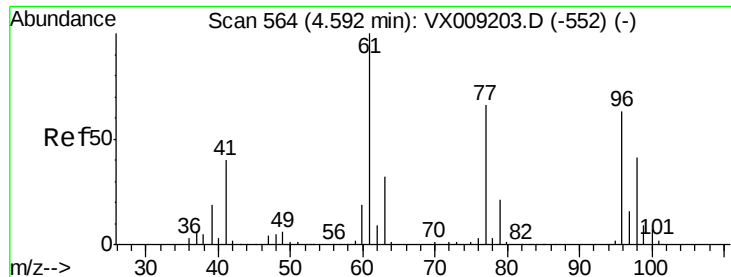
58 31.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



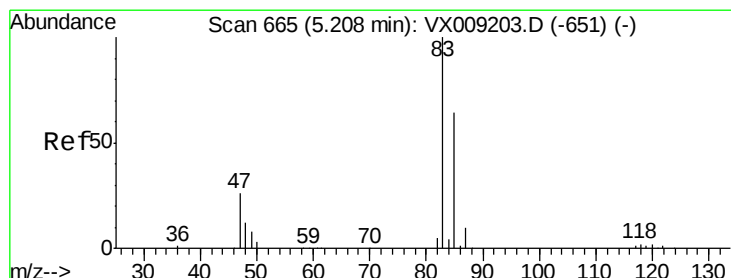
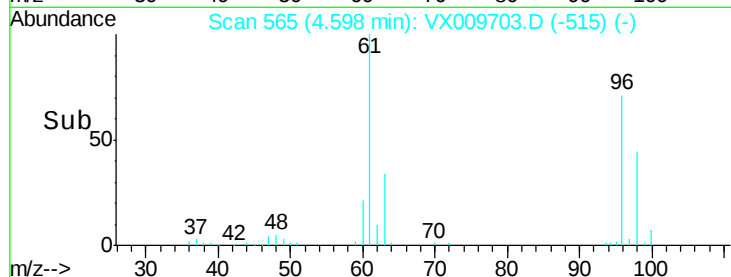
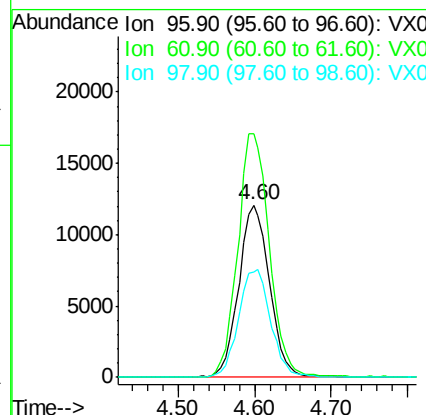
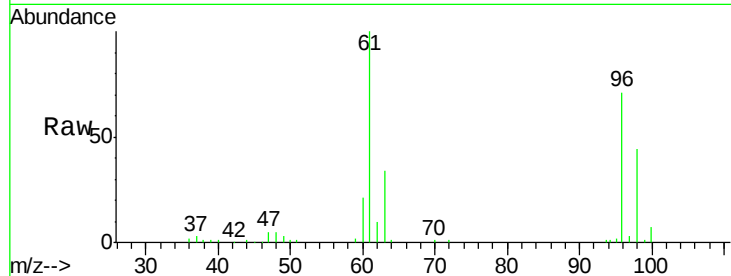


#27

cis-1,2-Dichloroethene
 Concen: 16.498 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009703.D
 Acq: 18 May 2019 08:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D_R2

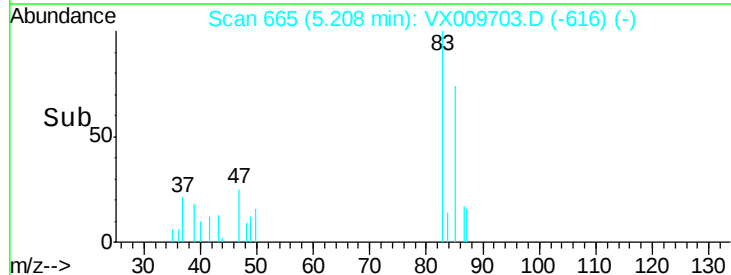
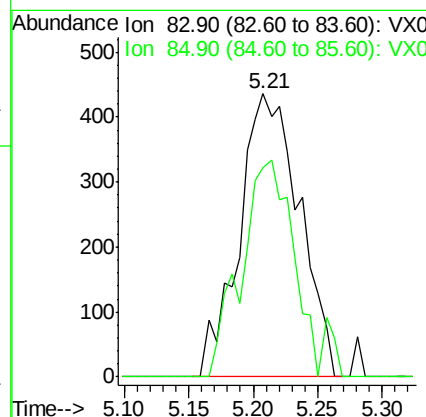
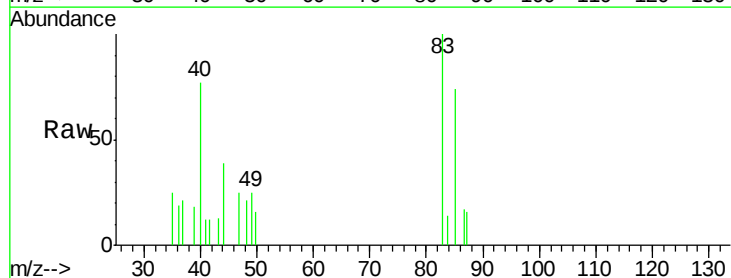
Tot Ion: 96 Resp: 33690
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 324.0
 98 65.0 0.0 130.4

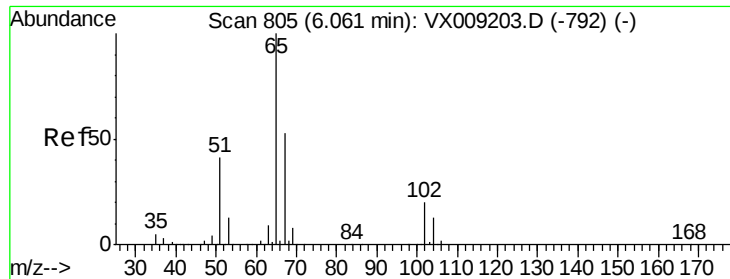


#30

Chloroform
 Concen: 0.428 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VX009703.D
 Acq: 18 May 2019 08:36

Tgt Ion: 83 Resp: 1413
 Ion Ratio Lower Upper
 83 100
 85 74.1 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 50.175 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampleId :

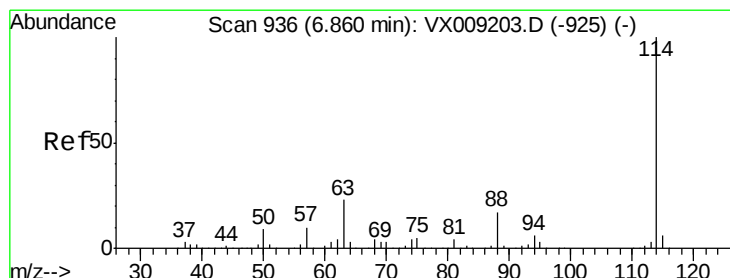
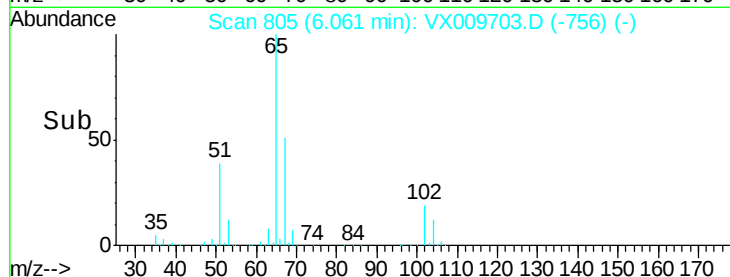
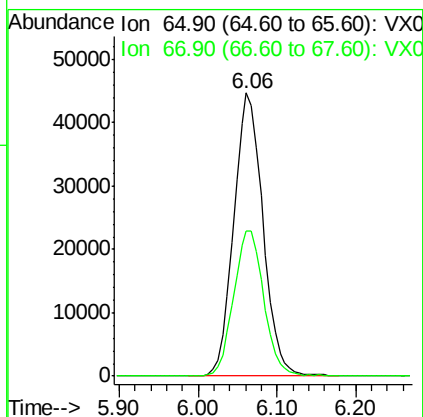
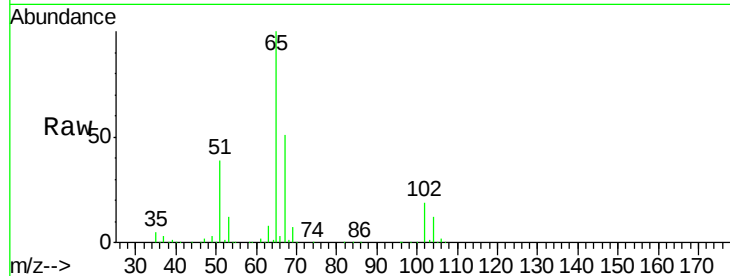
MW-10D_R2

Tot Ion: 65 Resp: 115158

Ion Ratio Lower Upper

65 100

67 53.2 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: VX009703.D

Acq: 18 May 2019 08:36

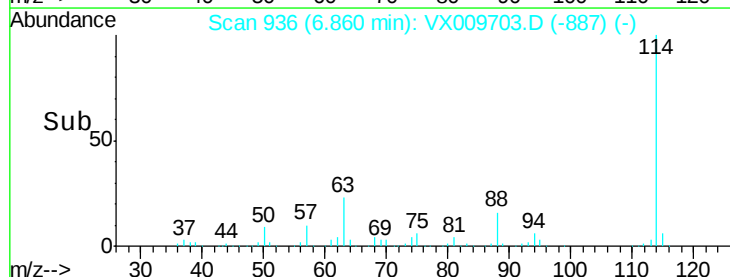
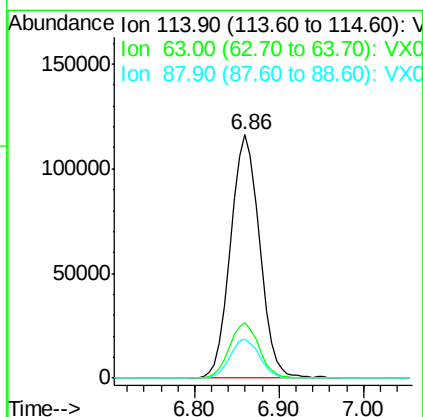
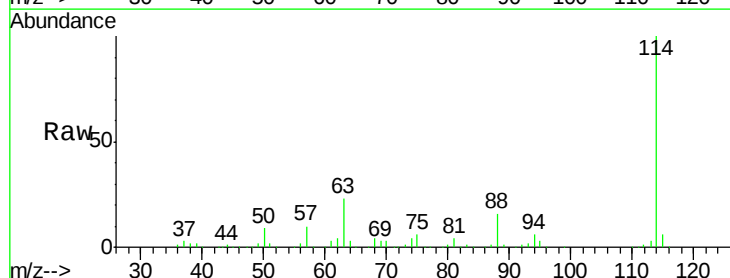
Tgt Ion: 114 Resp: 271995

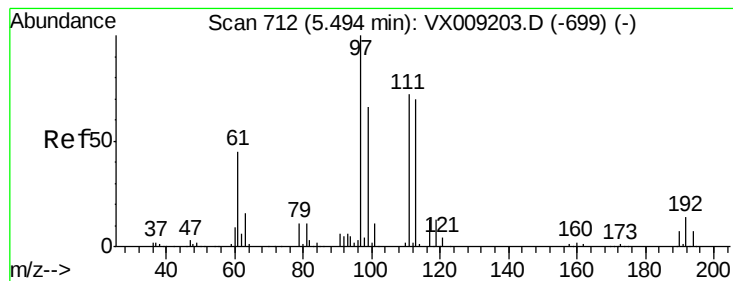
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.938 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampleId :

MW-10D_R2

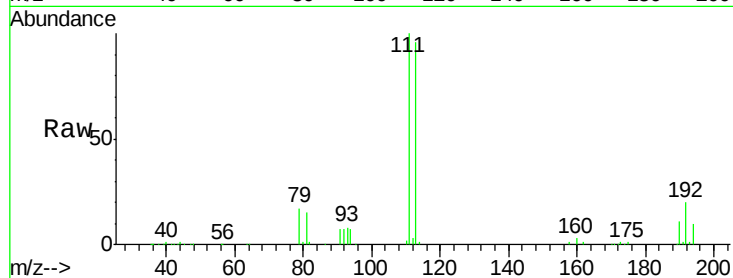
Tot Ion:113 Resp: 83677

Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

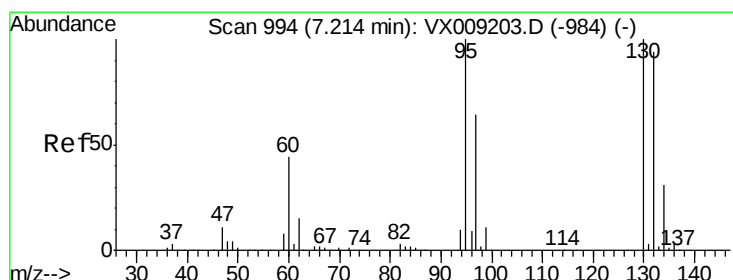
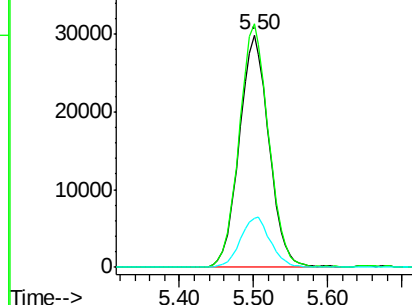
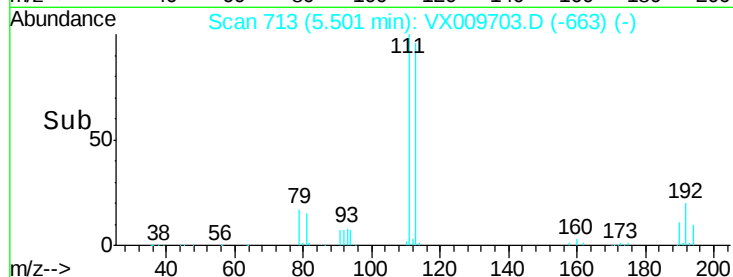
192 21.9 17.0 25.6



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



#44

Trichloroethene

Concen: 16.315 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009703.D

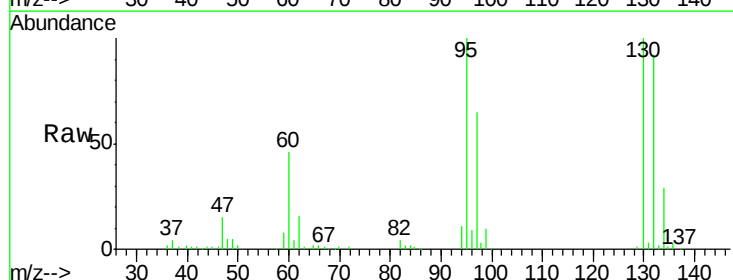
Acq: 18 May 2019 08:36

Tgt Ion:130 Resp: 30855

Ion Ratio Lower Upper

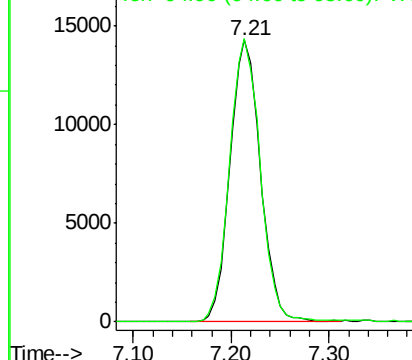
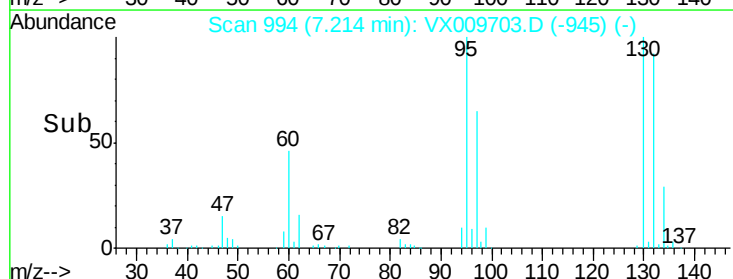
130 100

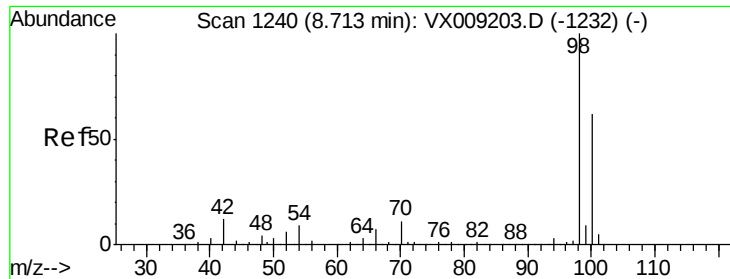
95 100.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.431 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampleId :

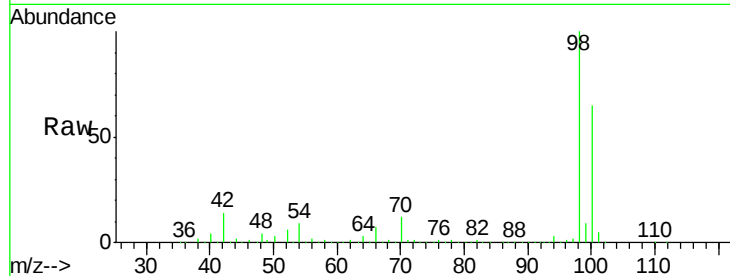
MW-10D_R2

Tot Ion: 98 Resp: 341228

Ion Ratio Lower Upper

98 100

100 64.5 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

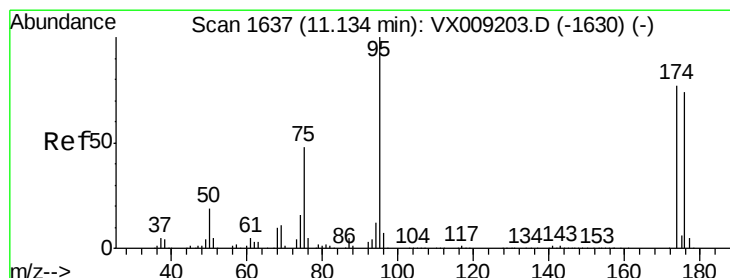
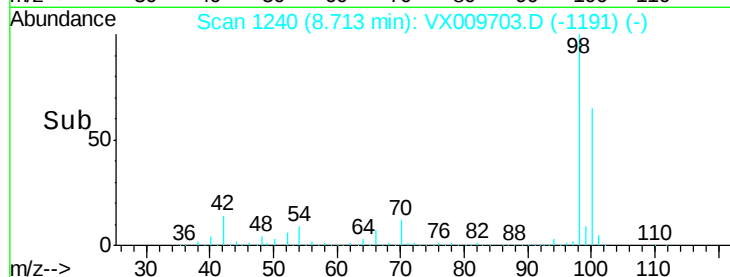
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.453 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

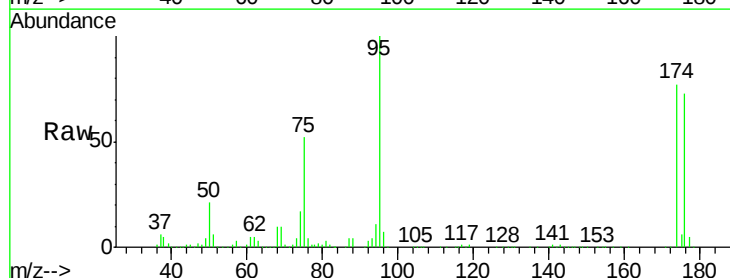
Tgt Ion: 95 Resp: 114013

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

176 80.4 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

120000

100000

80000

60000

40000

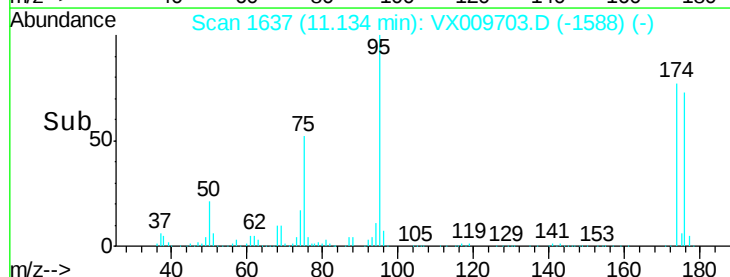
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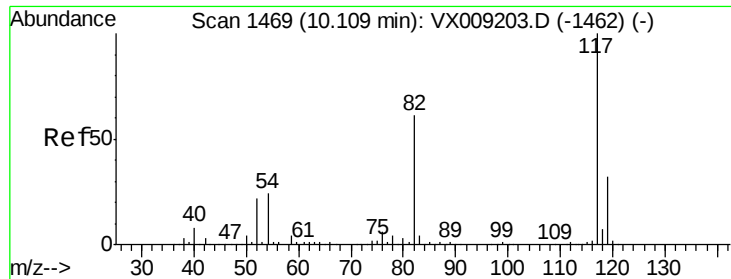
0

11.10

11.20

Time-->

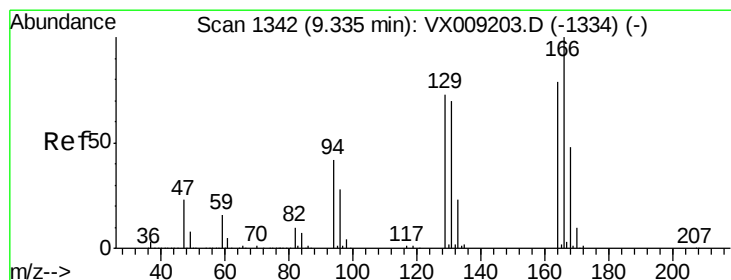
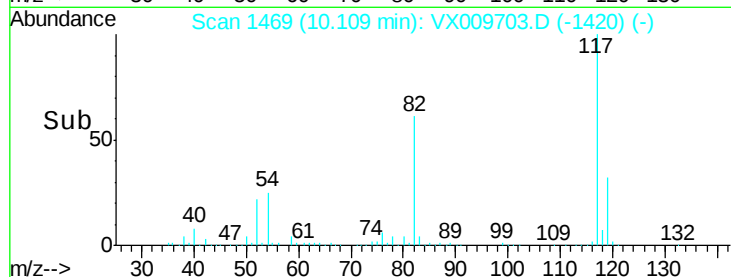
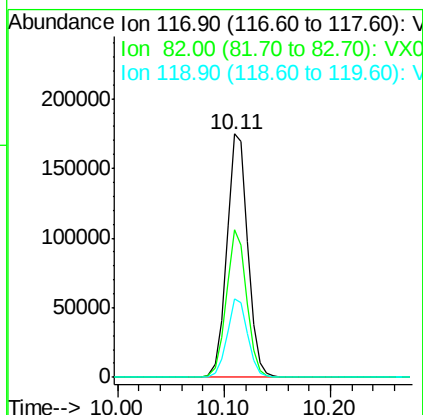
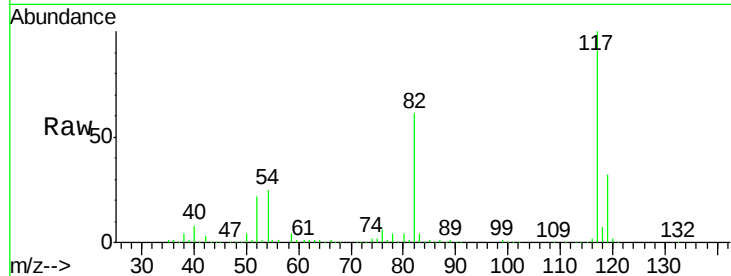




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009703.D
Acq: 18 May 2019 08:36

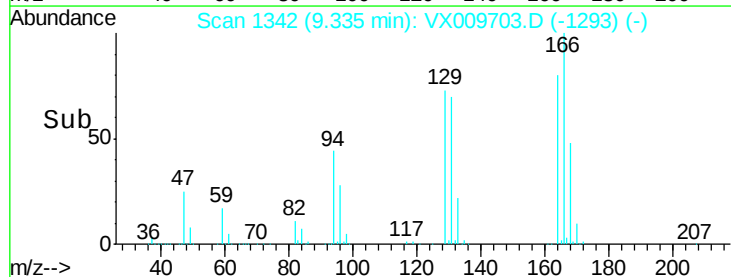
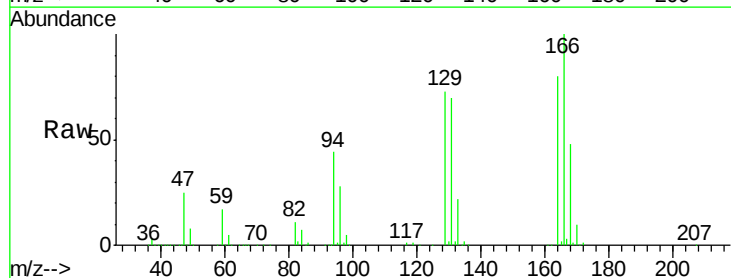
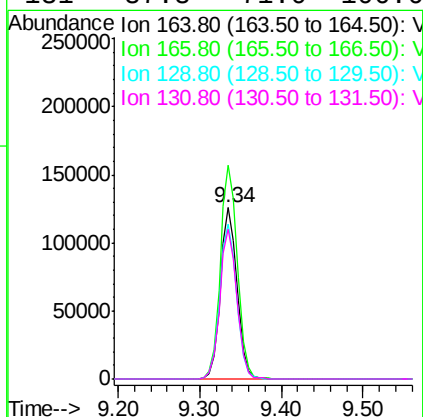
Instrument :
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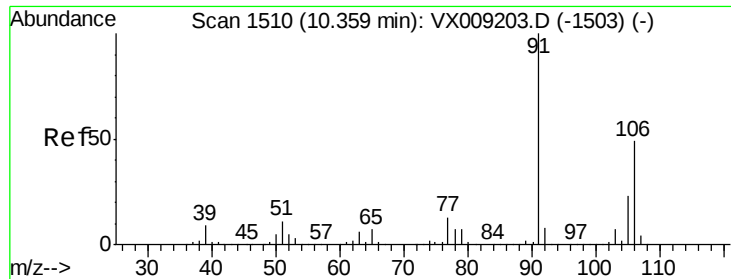
Tot Ion:117 Resp: 241609
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 108.292 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009703.D
Acq: 18 May 2019 08:36

Tgt Ion:164 Resp: 179476
Ion Ratio Lower Upper
164 100
166 124.9 101.2 151.8
129 90.6 74.3 111.5
131 87.8 71.0 106.6

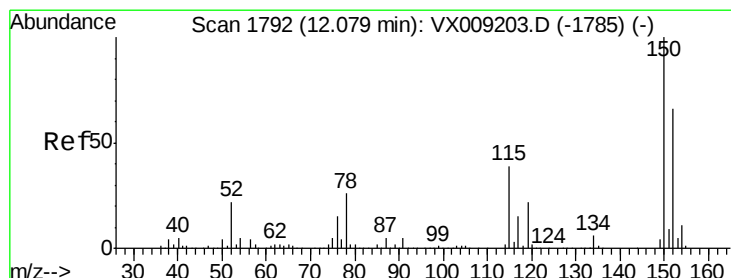
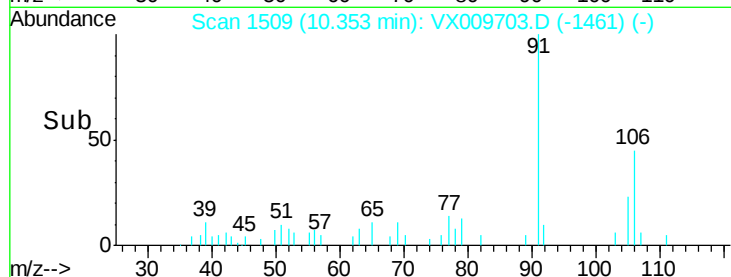
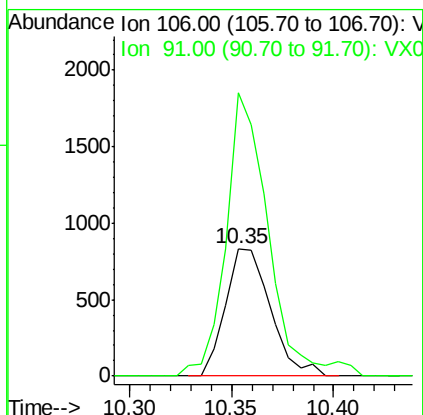
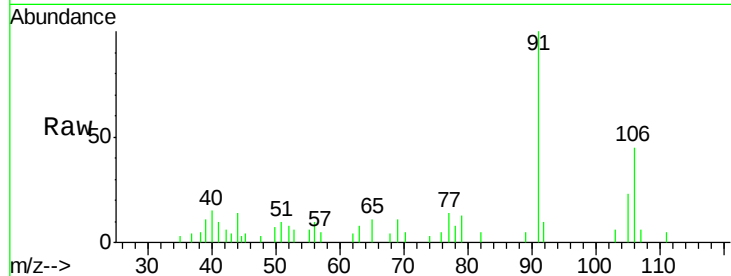




#68
m/p-Xvlenes
Concen: 0.391 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009703.D
Acq: 18 May 2019 08:36

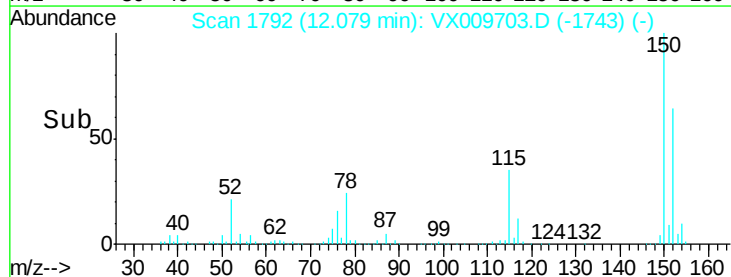
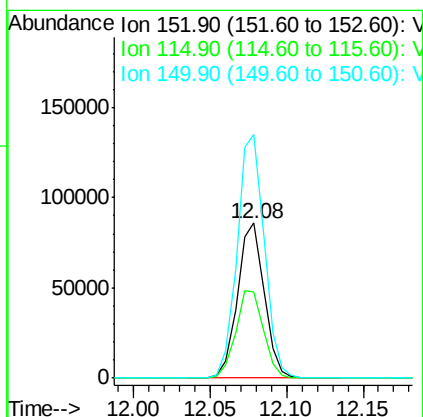
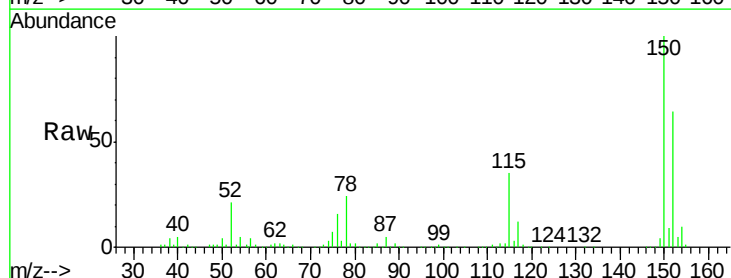
Instrument :
MSVOA_X
ClientSampled :
MW-10D_R2

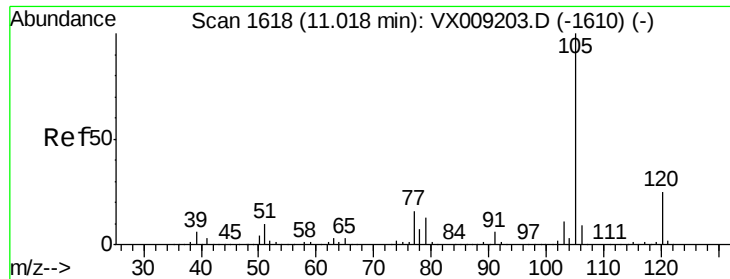
Tot Ion:106 Resp: 1271
Ion Ratio Lower Upper
106 100
91 209.7 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009703.D
Acq: 18 May 2019 08:36

Tgt Ion:152 Resp: 103282
Ion Ratio Lower Upper
152 100
115 59.0 41.2 123.6
150 160.6 0.0 346.4





#73

Isopropylbenzene

Concen: 0.231 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampled :

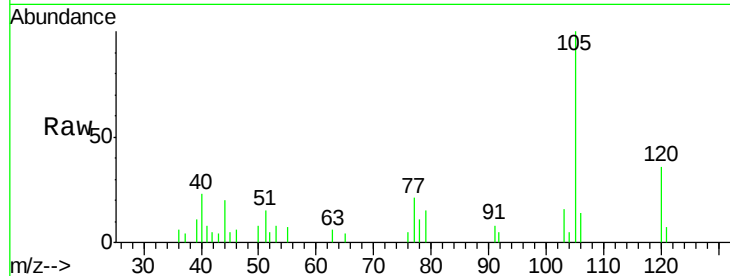
MW-10D_R2

Tot Ion:105 Resp: 1735

Ion Ratio Lower Upper

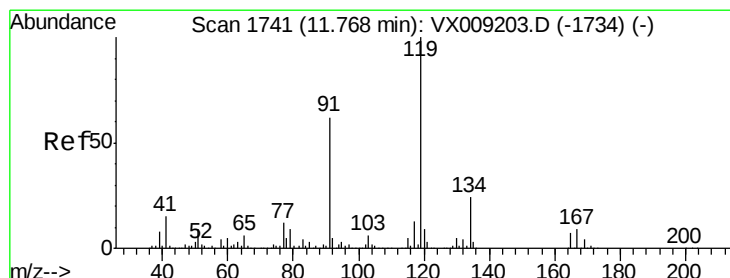
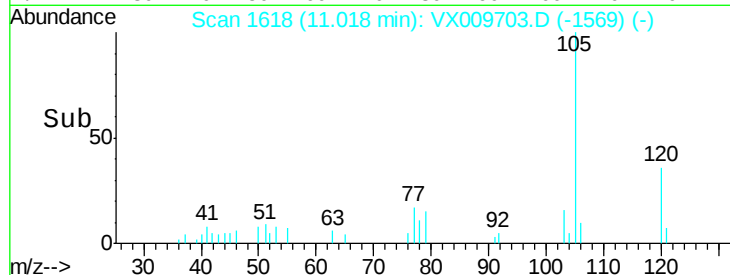
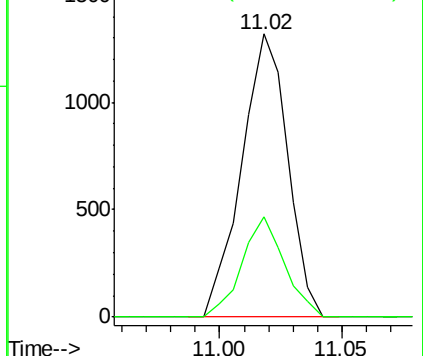
105 100

120 32.5 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: 0.402 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

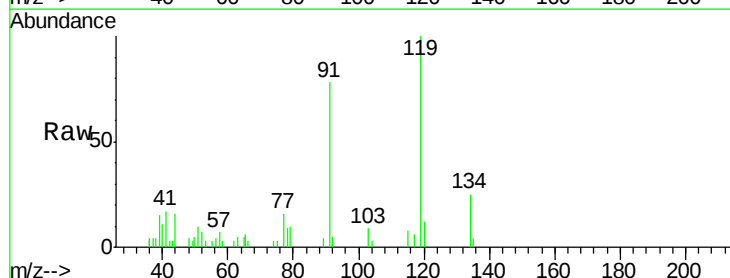
Tgt Ion:119 Resp: 2475

Ion Ratio Lower Upper

119 100

91 75.3 29.5 88.5

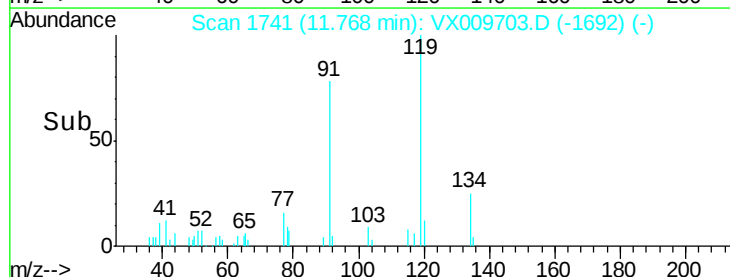
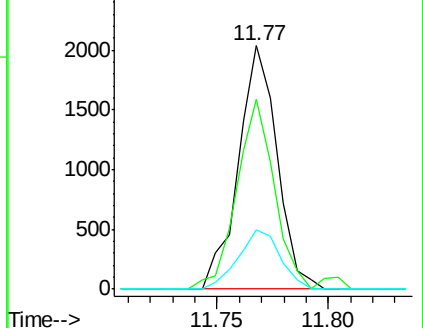
134 26.3 11.4 34.1

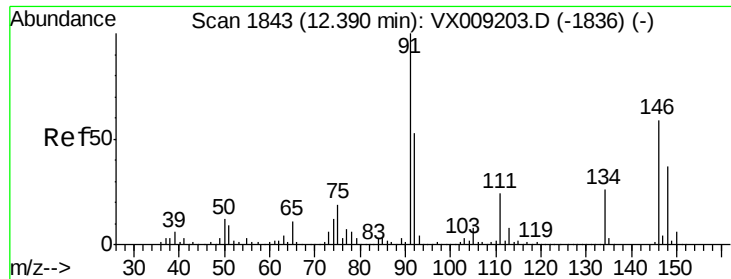


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.632 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009703.D

Acq: 18 May 2019 08:36

Instrument :

MSVOA_X

ClientSampleId :

MW-10D_R2

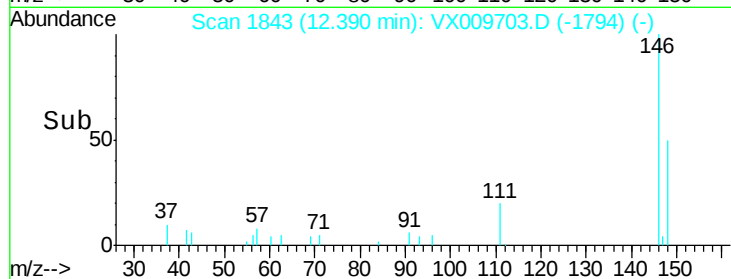
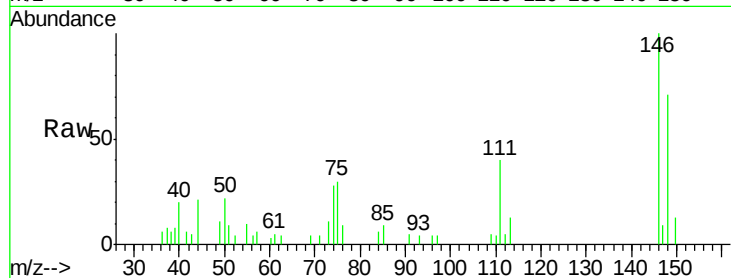
Tot Ion:146 Resp: 2138

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.4

148 65.1 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

