

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX051719\
 Data File : VX009710.D
 Acq On : 18 May 2019 11:20
 Operator : JC/SP
 Sample : K2901-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04A_R2

Quant Time: May 25 07:20:48 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

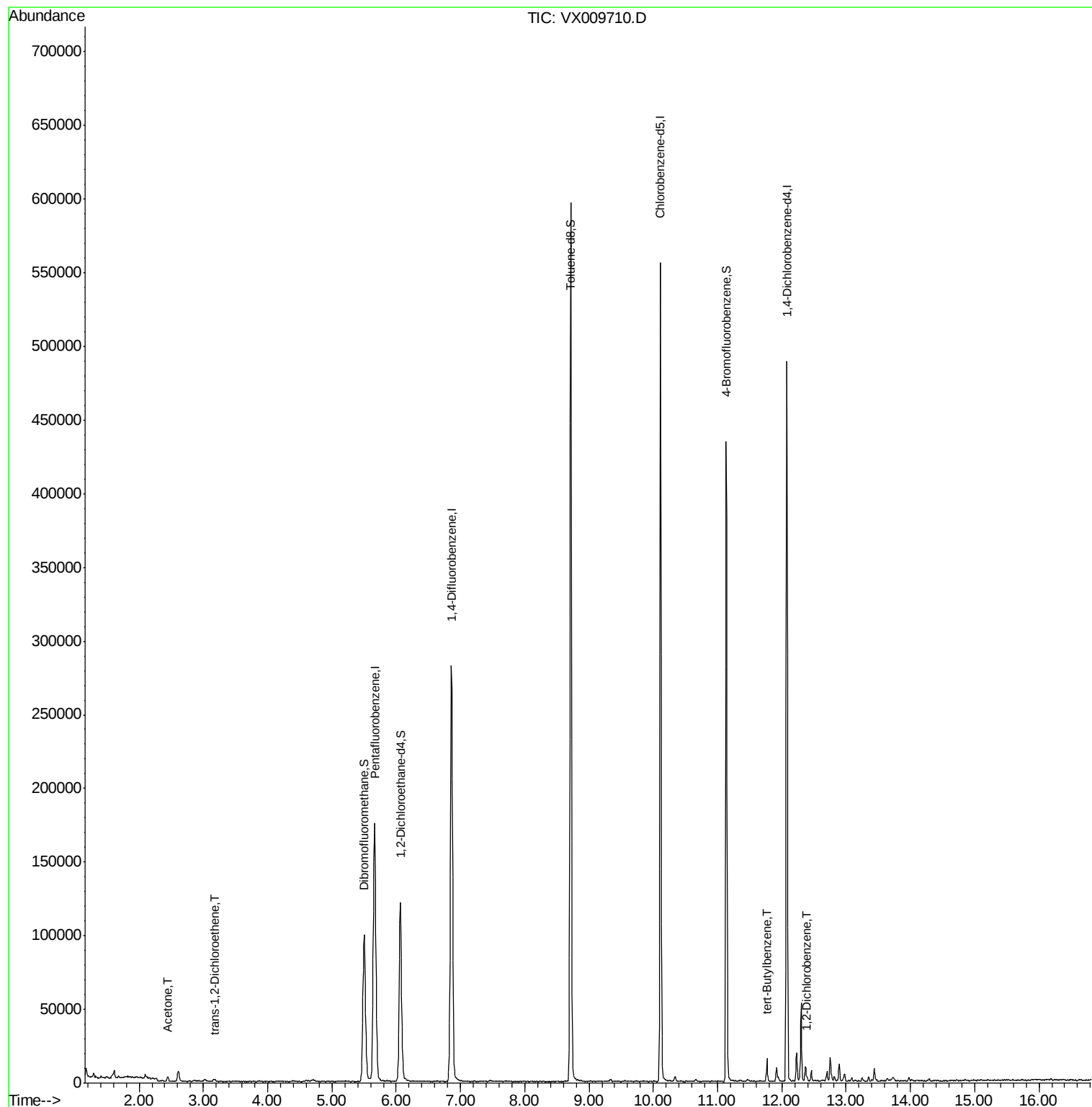
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116932	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	85269	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.71	98	346846	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	112706	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
16) Acetone	2.45	43	3587	2.873	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	600	0.346	ug/l	97
83) tert-Butylbenzene	11.77	119	5015	0.839	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	886	0.269	ug/l	86

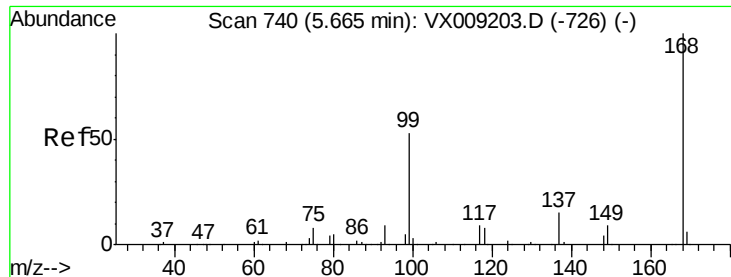
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009710.D

Acq: 18 May 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

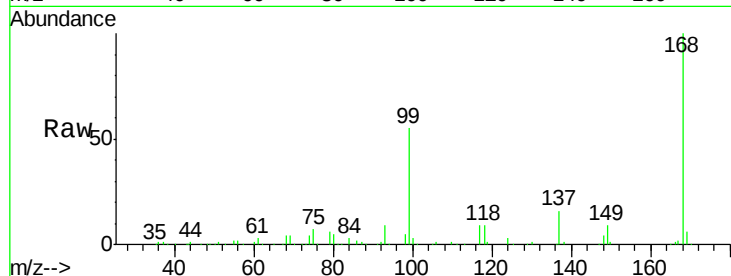
MW-04A_R2

Tot Ion:168 Resp: 170352

Ion Ratio Lower Upper

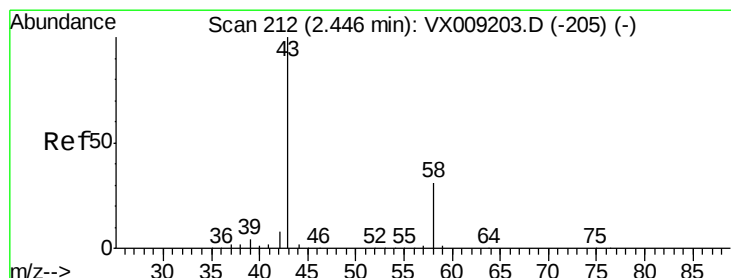
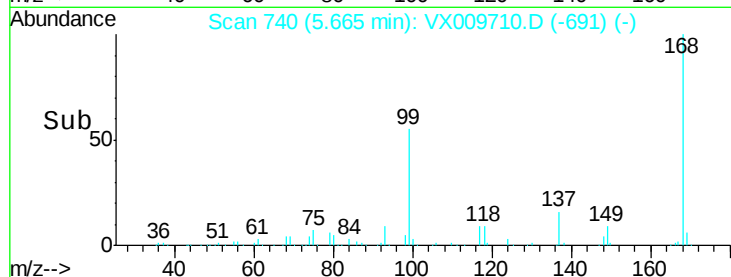
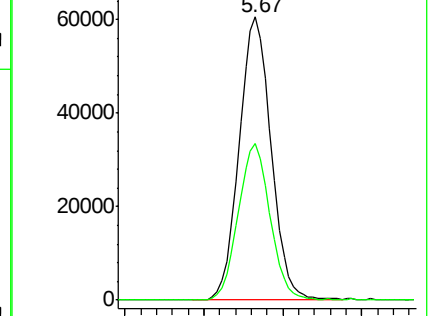
168 100

99 55.4 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: 2.873 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009710.D

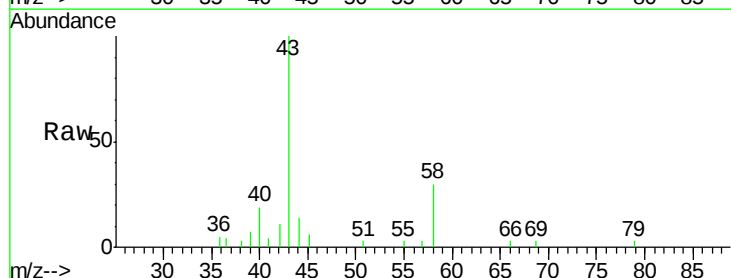
Acq: 18 May 2019 11:20

Tgt Ion: 43 Resp: 3587

Ion Ratio Lower Upper

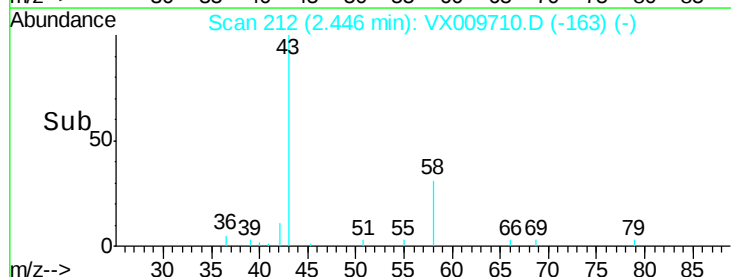
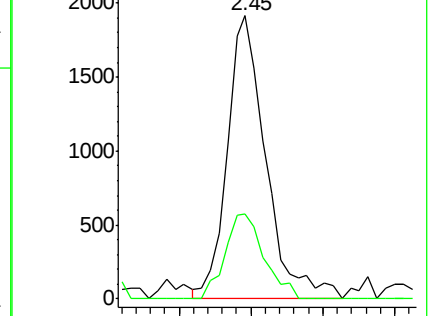
43 100

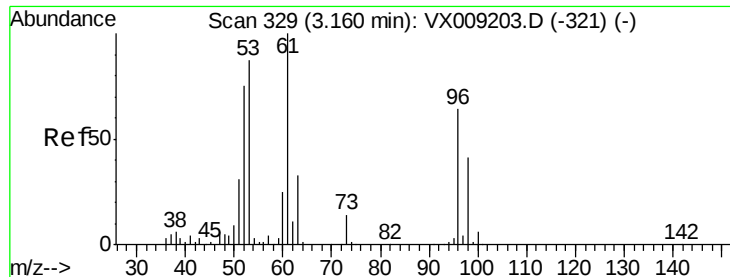
58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.346 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009710.D

Acq: 18 May 2019 11:20

Instrument :

MSVOA_X

ClientSampled :

MW-04A_R2

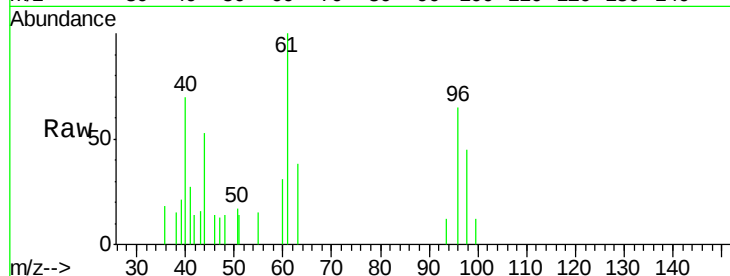
Tot Ion: 96 Resp: 600

Ion Ratio Lower Upper

96 100

61 154.7 124.5 186.7

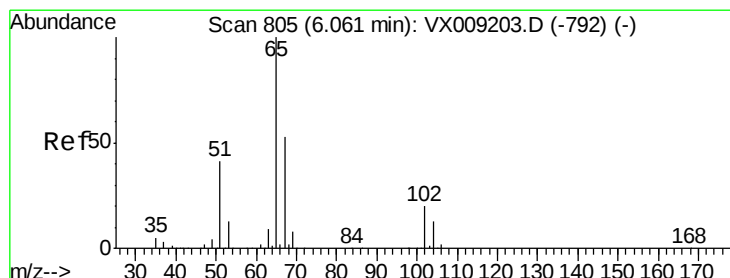
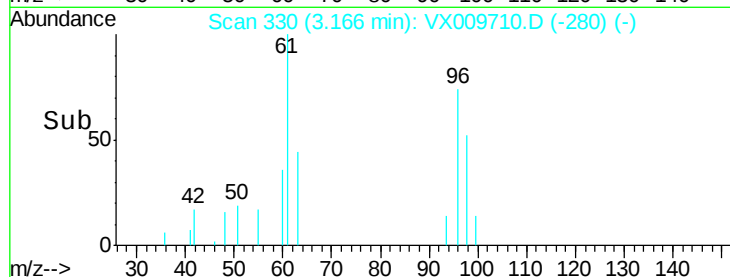
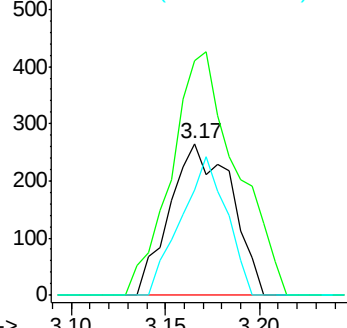
98 69.8 50.4 75.6



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: 50.282 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009710.D

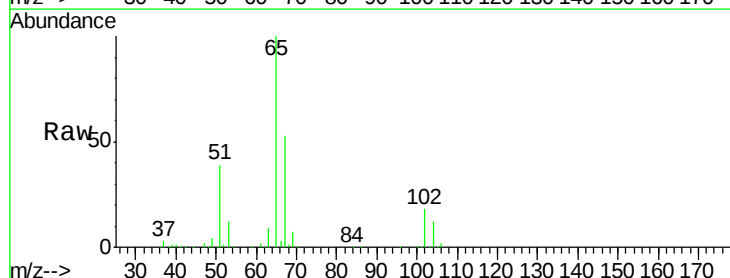
Acq: 18 May 2019 11:20

Tgt Ion: 65 Resp: 116932

Ion Ratio Lower Upper

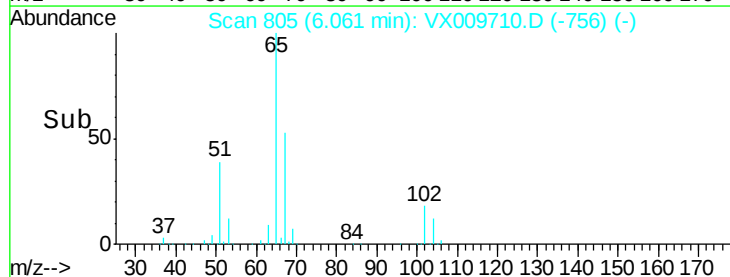
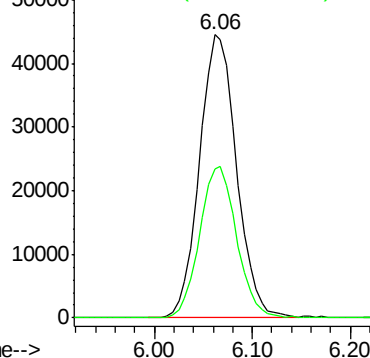
65 100

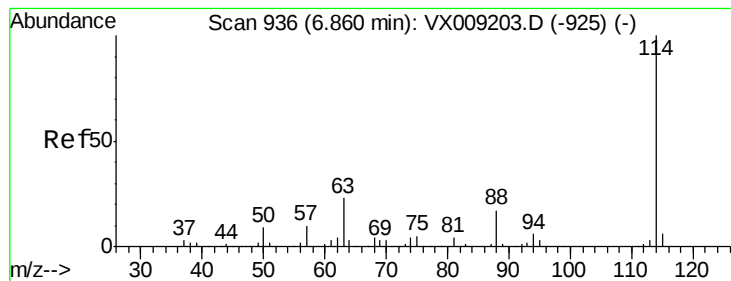
67 53.5 0.0 106.6



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: VX009710.D

Acq: 18 May 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

MW-04A_R2

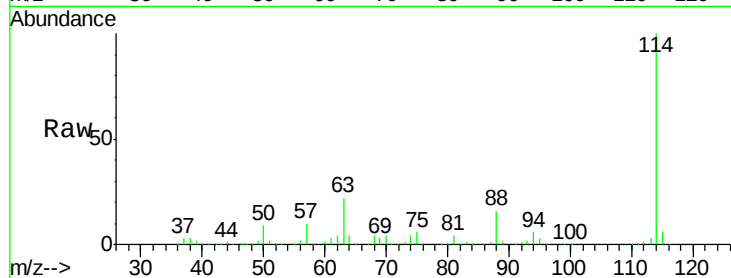
Tot Ion:114 Resp: 274624

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

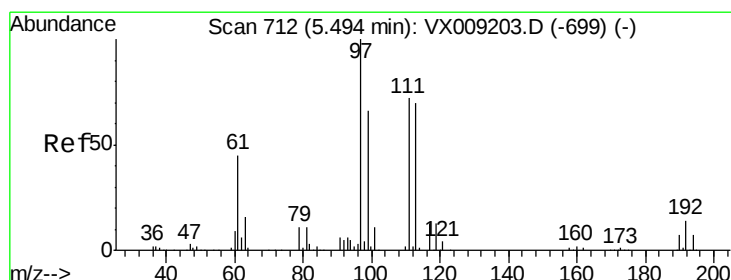
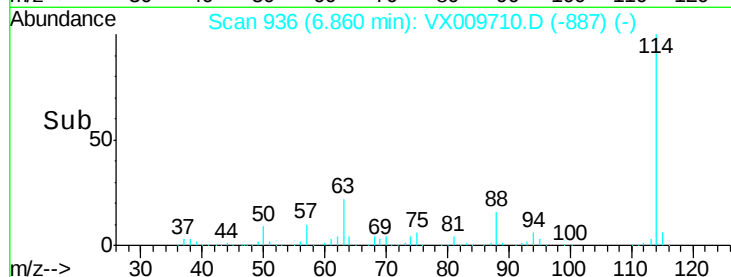
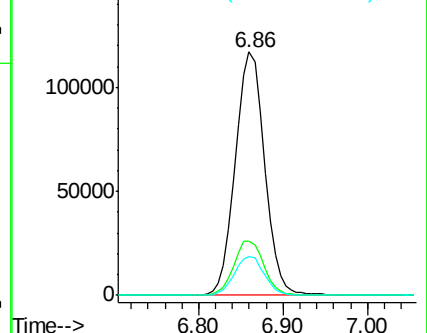
88 16.1 0.0 33.2



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: 49.391 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009710.D

Acq: 18 May 2019 11:20

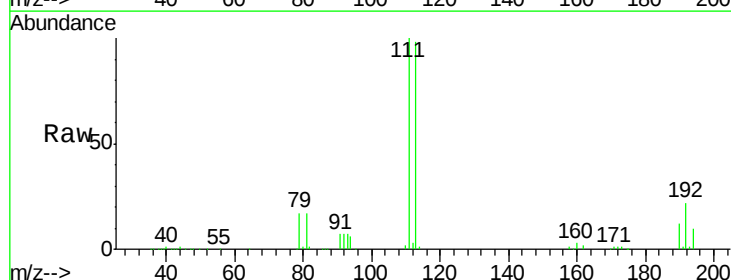
Tgt Ion:113 Resp: 85269

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

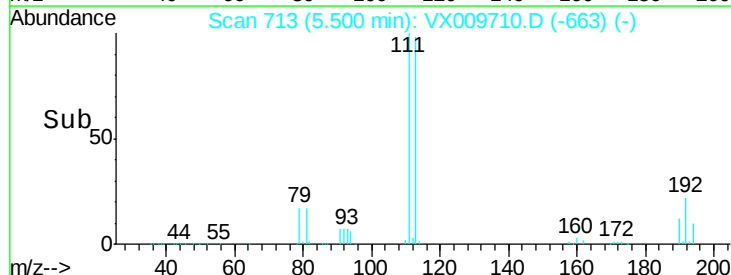
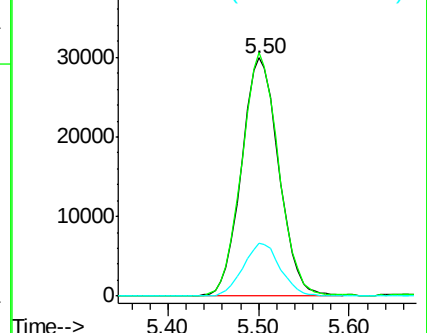
192 22.1 17.0 25.6

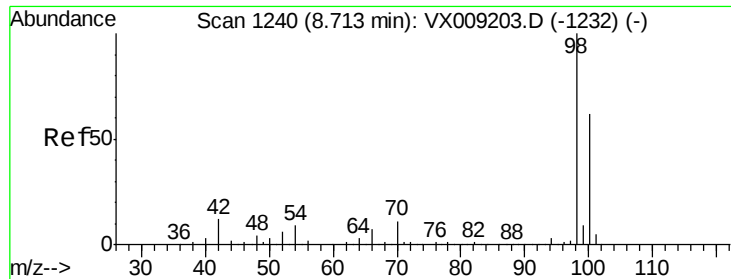


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.763 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009710.D

Acq: 18 May 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

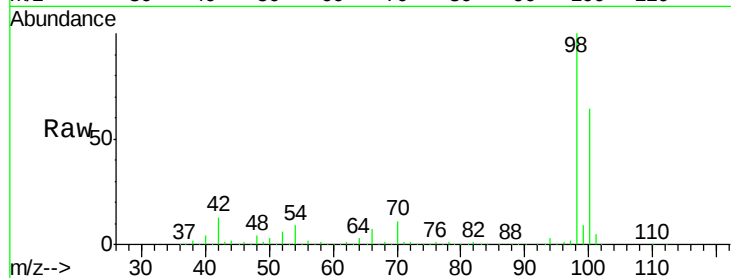
MW-04A_R2

Tot Ion: 98 Resp: 346846

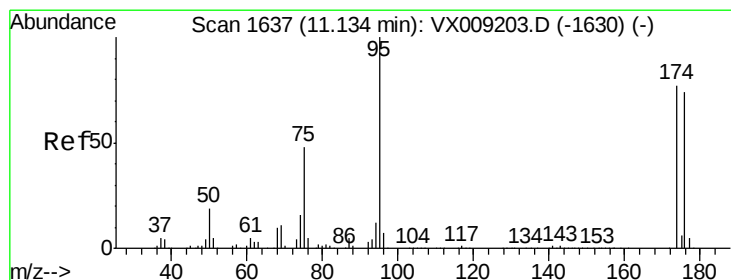
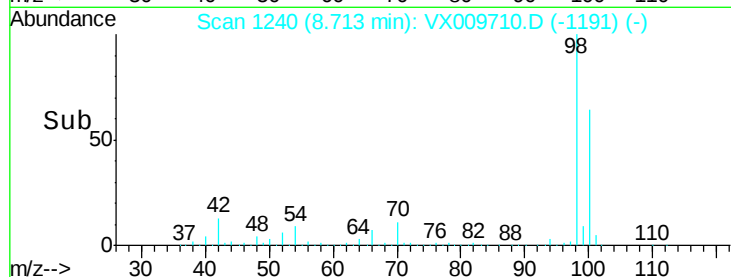
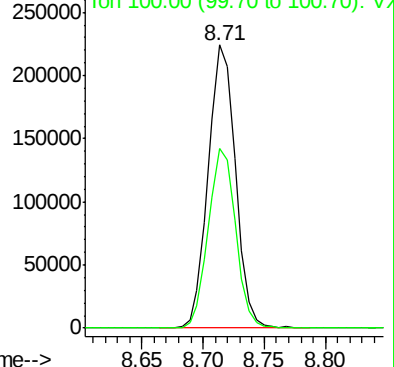
Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009710.D (-1191) (-)



#62

4-Bromofluorobenzene

Concen: 44.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009710.D

Acq: 18 May 2019 11:20

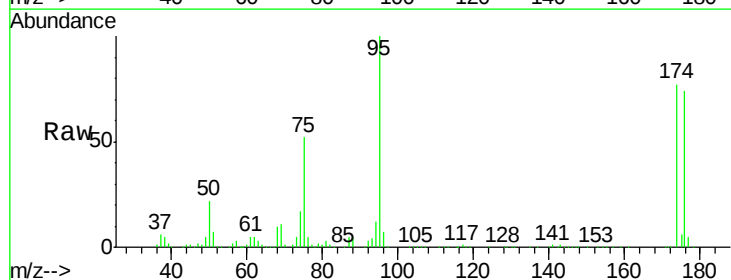
Tgt Ion: 95 Resp: 112706

Ion Ratio Lower Upper

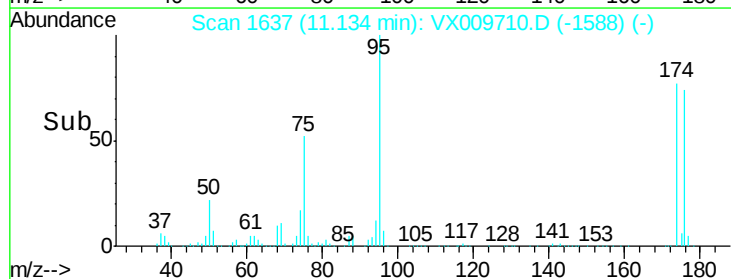
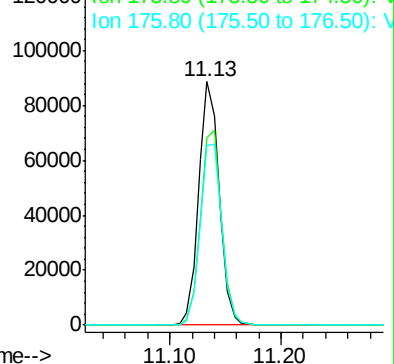
95 100

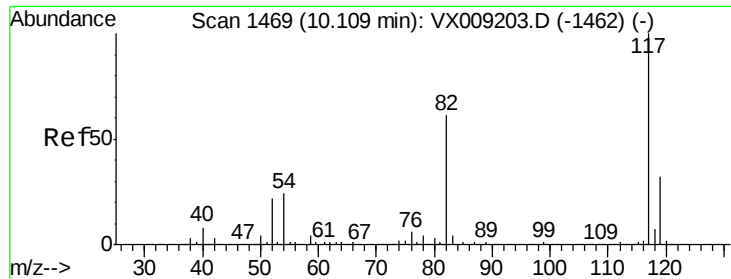
174 82.8 0.0 161.6

176 79.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009710.D (-1588) (-)

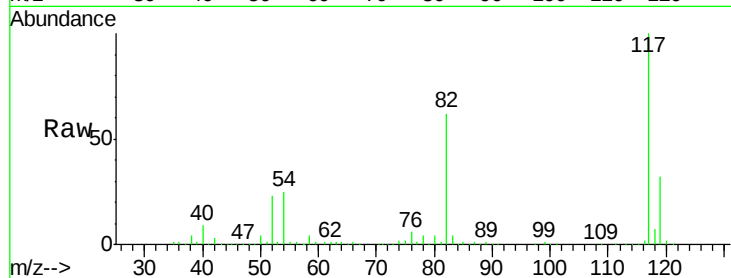




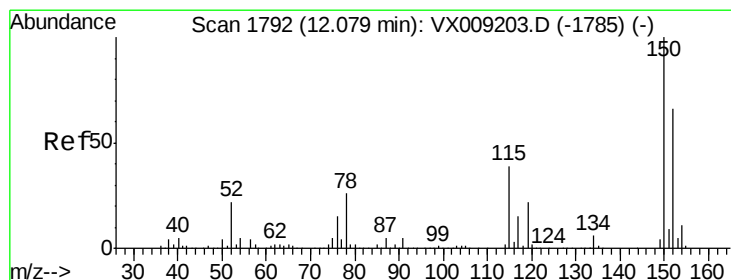
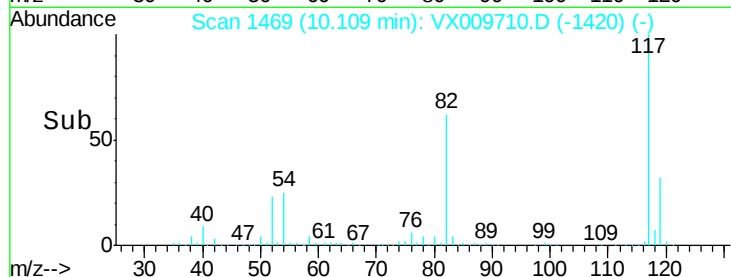
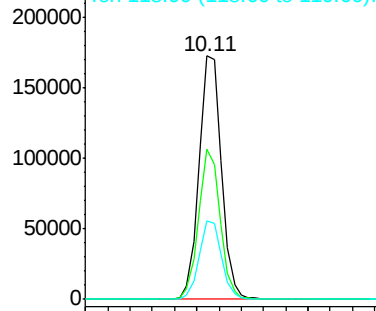
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tot Ion:117 Resp: 240437
Ion Ratio Lower Upper
117 100
82 61.7 48.8 73.2
119 32.4 25.8 38.6

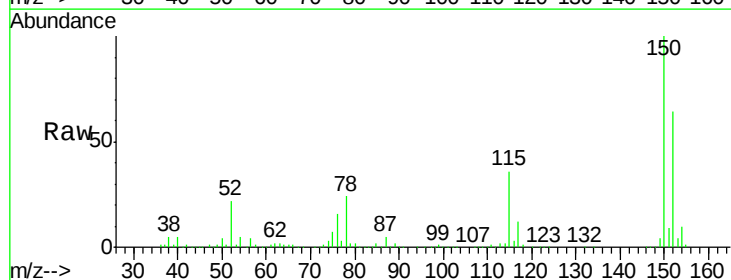


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

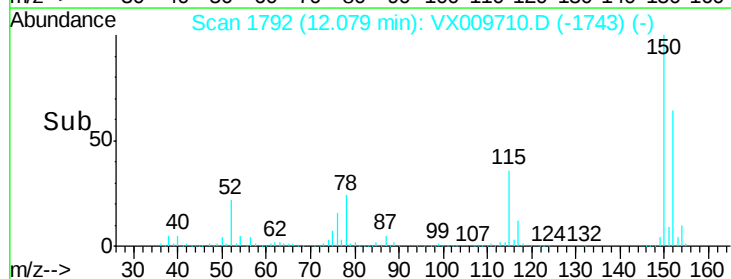
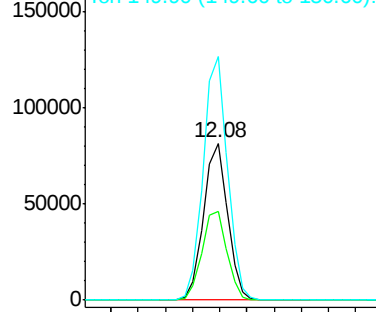


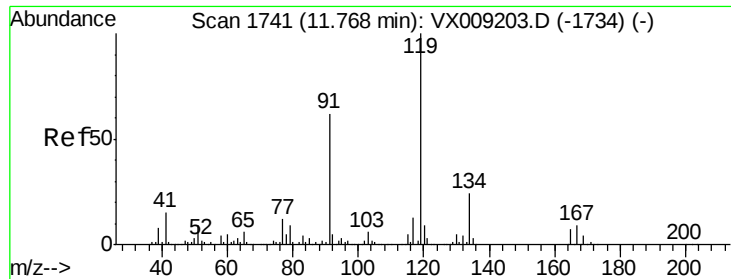
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion:152 Resp: 100398
Ion Ratio Lower Upper
152 100
115 58.8 41.2 123.6
150 156.3 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

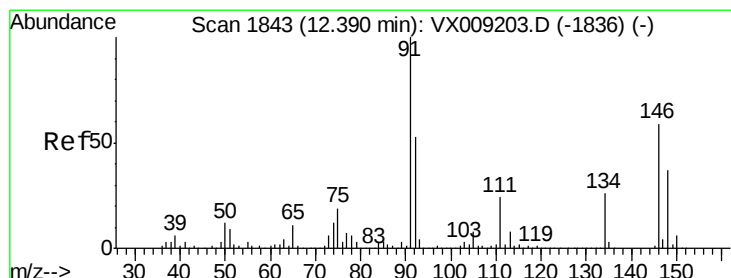
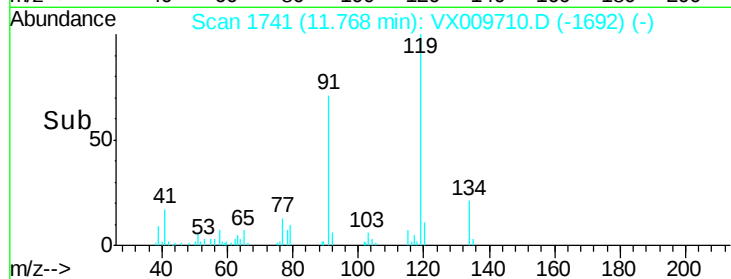
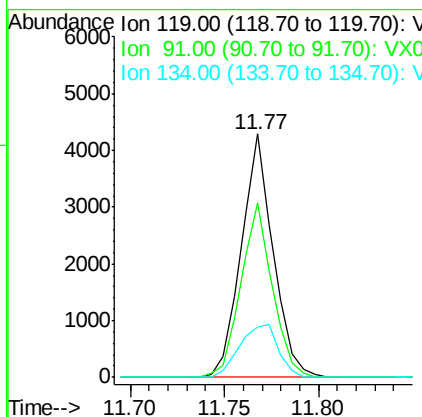
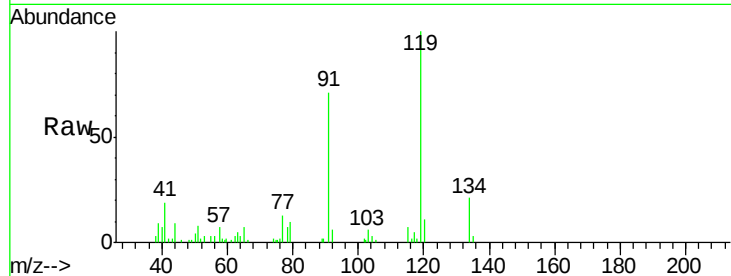




#83
tert-Butylbenzene
Concen: 0.839 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	29.5	88.5
134	26.5	11.4	34.1



#91
1,2-Dichlorobenzene
Concen: 0.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.6	20.8	62.4
148	73.5	31.9	95.9

