

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008660.D
 Acq On : 05 Apr 2019 01:26
 Operator : JC/SP
 Sample : K2274-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW079-190403

Quant Time: Apr 05 09:14:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

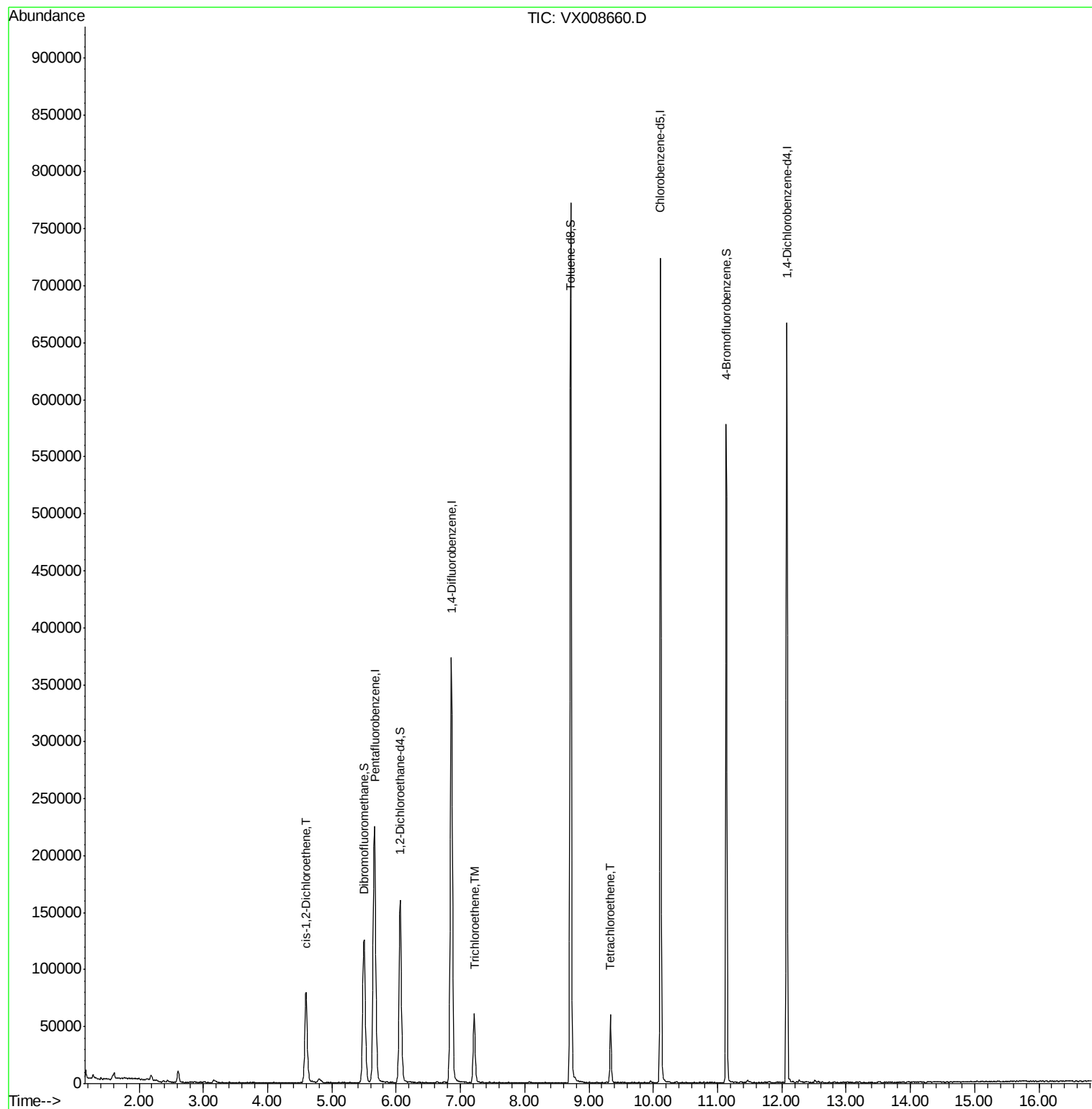
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151611	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	111186	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	453869	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	154432	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	49520	15.727	ug/l	90
44) Trichloroethene	7.21	130	22921	8.291	ug/l	93
64) Tetrachloroethene	9.34	164	11567	4.926	ug/l	98

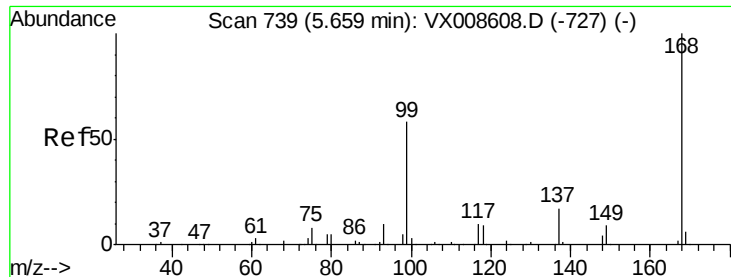
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008660.D

Acq: 05 Apr 2019 01:26

Instrument :

MSVOA_X

ClientSampleId :

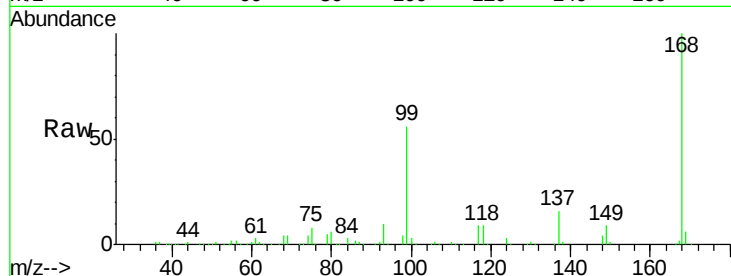
ST006MW079-190403

Tot Ion:168 Resp: 219007

Ion Ratio Lower Upper

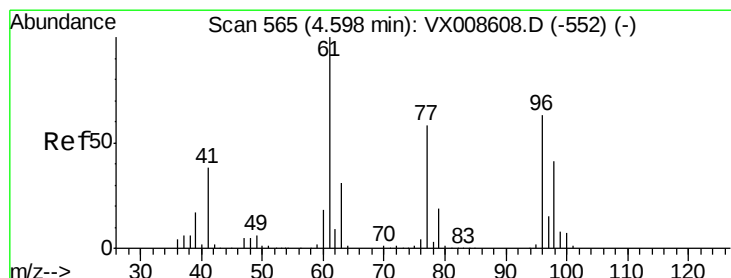
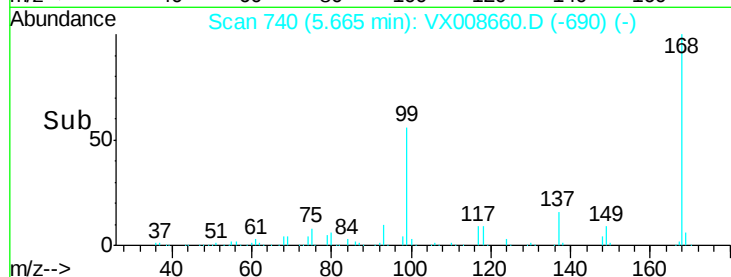
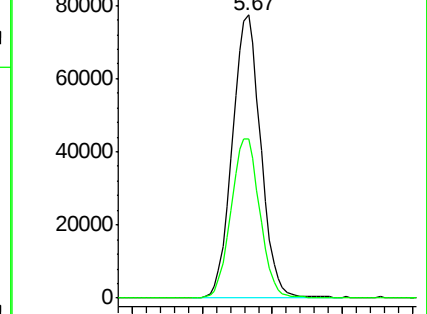
168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 15.727 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008660.D

Acq: 05 Apr 2019 01:26

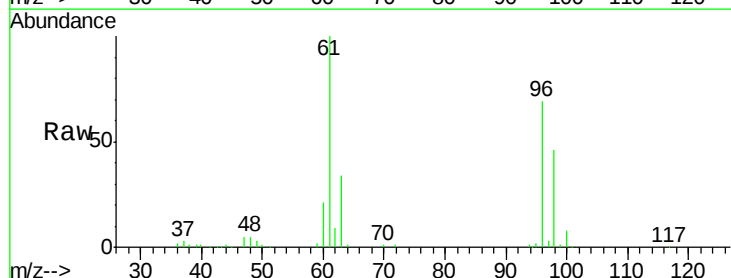
Tgt Ion: 96 Resp: 49520

Ion Ratio Lower Upper

96 100

61 144.5 0.0 327.6

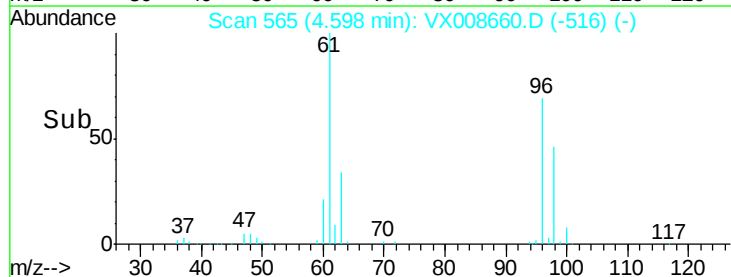
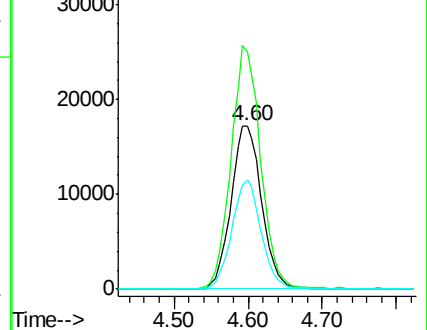
98 64.6 0.0 128.6

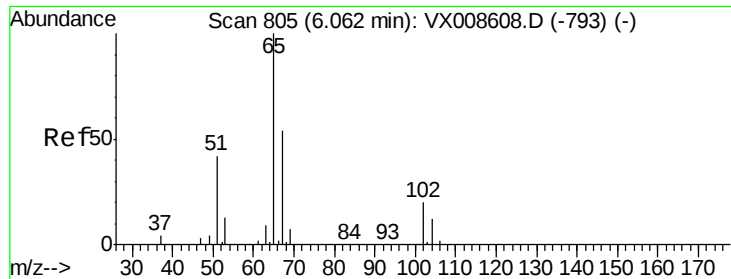


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.462 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008660.D

Acq: 05 Apr 2019 01:26

Instrument :

MSVOA_X

ClientSampleId :

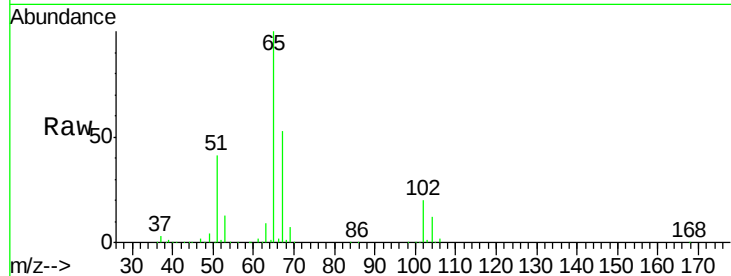
ST006MW079-190403

Tot Ion: 65 Resp: 151611

Ion Ratio Lower Upper

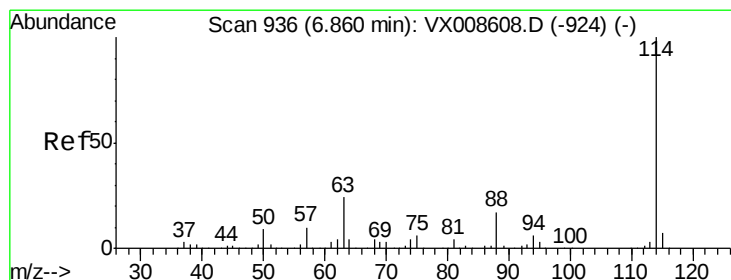
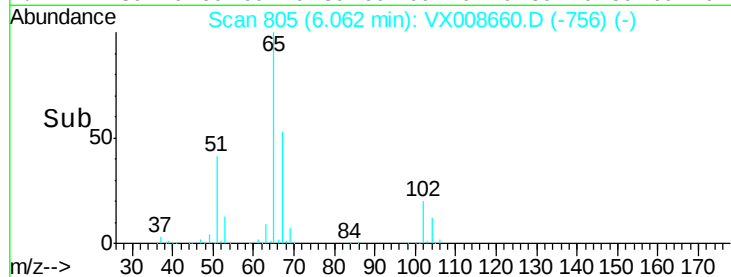
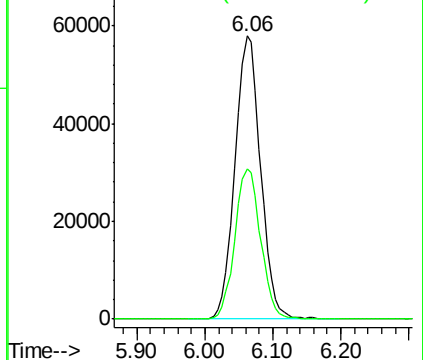
65 100

67 53.4 0.0 107.2



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: VX008660.D

Acq: 05 Apr 2019 01:26

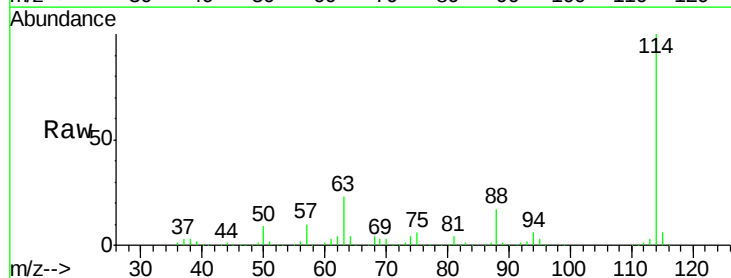
Tgt Ion: 114 Resp: 364484

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

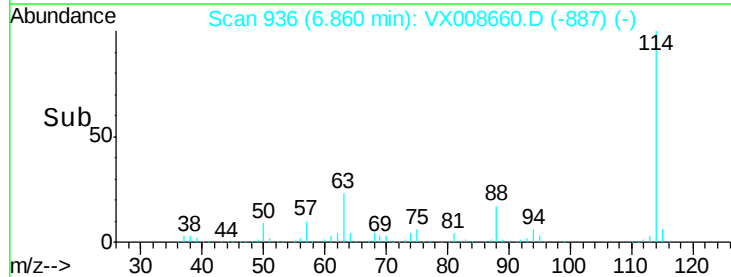
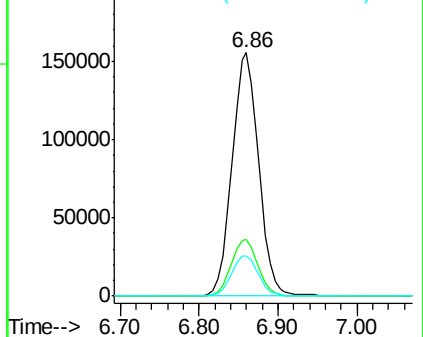
88 16.7 0.0 34.0

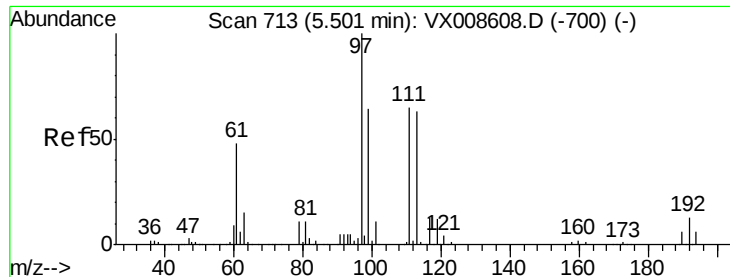


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

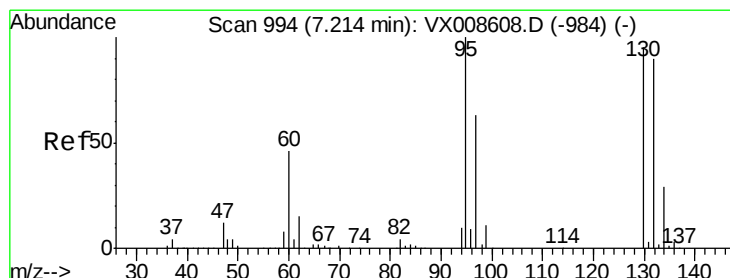
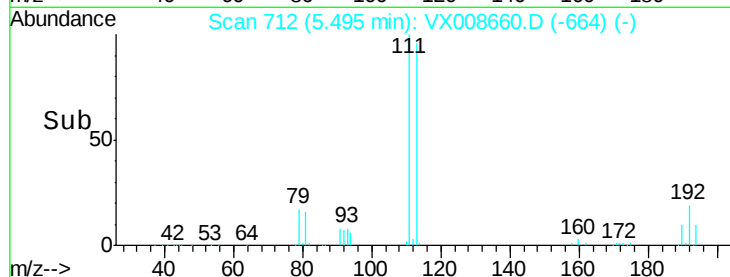
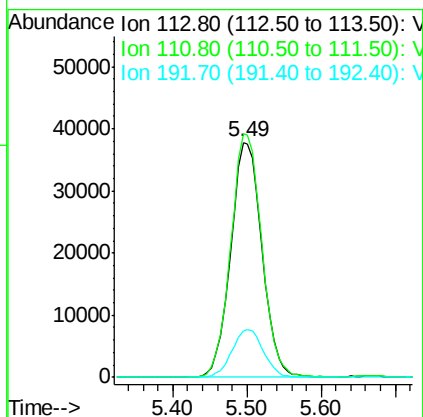
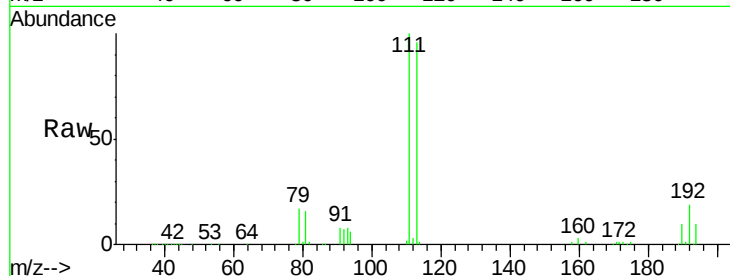




#35
 Dibromofluoromethane
 Concen: 47.712 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008660.D
 Acq: 05 Apr 2019 01:26

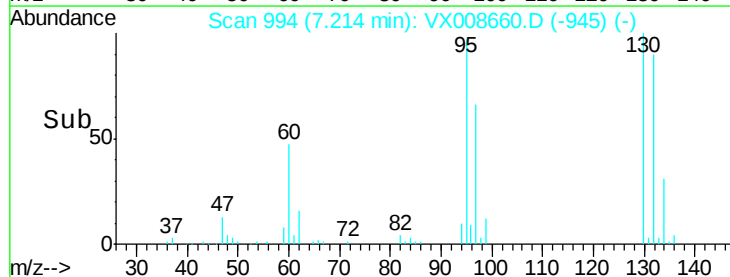
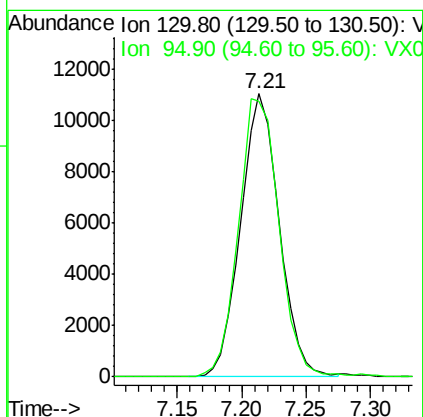
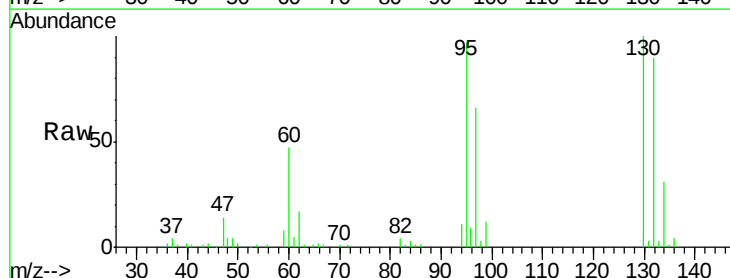
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW079-190403

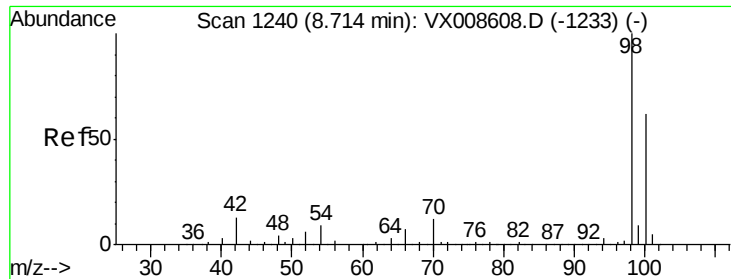
Tot Ion:113 Resp: 111186
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 20.5 16.1 24.1



#44
 Trichloroethene
 Concen: 8.291 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008660.D
 Acq: 05 Apr 2019 01:26

Tgt Ion:130 Resp: 22921
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 209.8

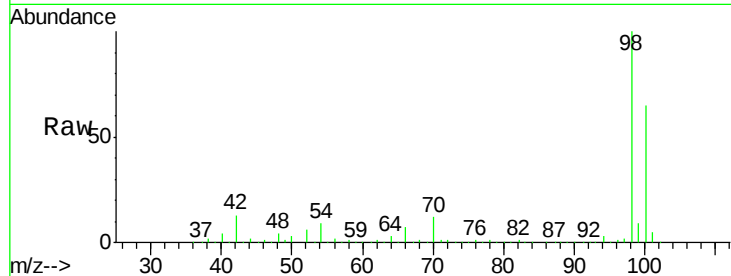




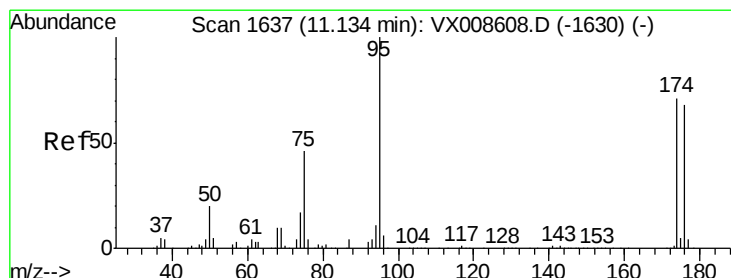
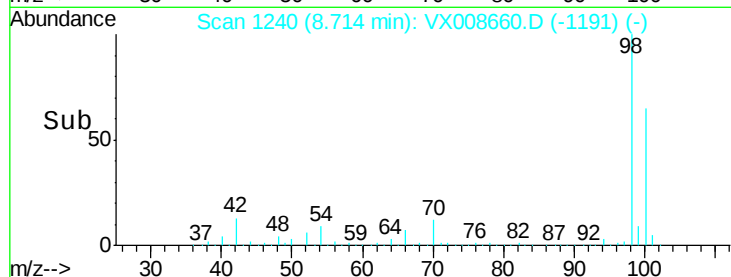
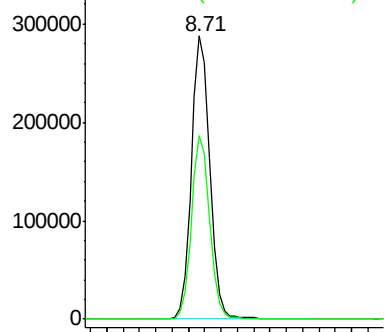
#50
Toluene-d8
Concen: 48.914 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008660.D
Acq: 05 Apr 2019 01:26

Instrument :
MSVOA_X
ClientSampleId :
ST006MW079-190403

Tot Ion: 98 Resp: 453869
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

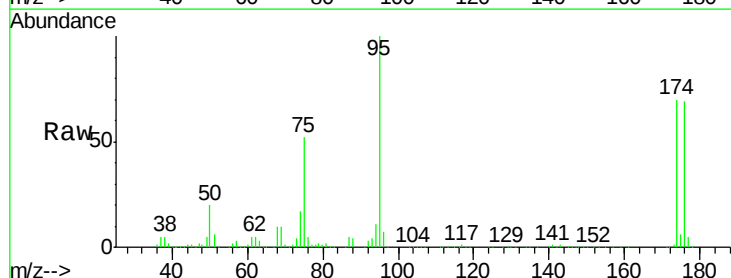


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

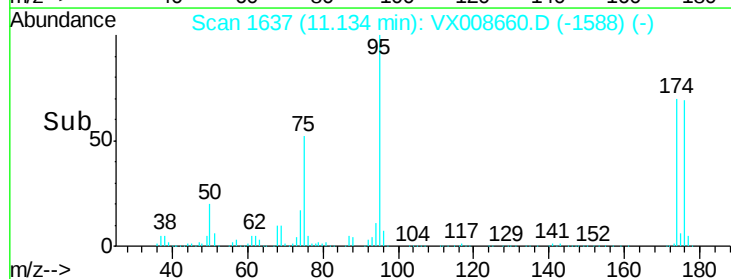
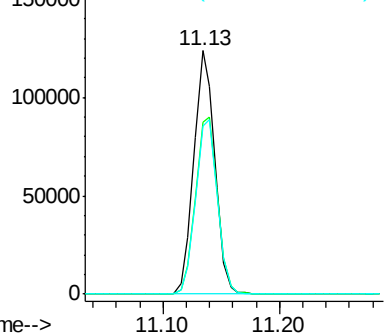


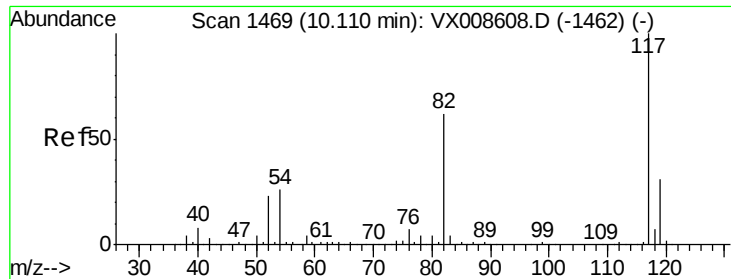
#62
4-Bromofluorobenzene
Concen: 46.933 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008660.D
Acq: 05 Apr 2019 01:26

Tgt Ion: 95 Resp: 154432
Ion Ratio Lower Upper
95 100
174 76.1 0.0 151.8
176 74.5 0.0 145.8



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

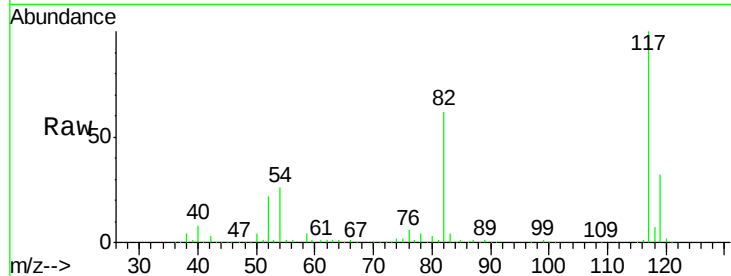




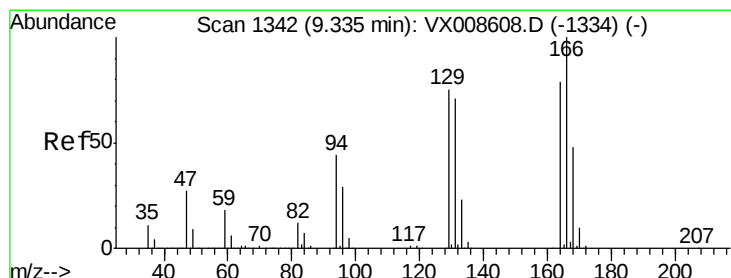
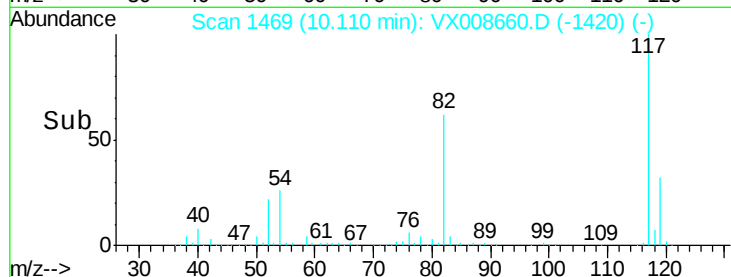
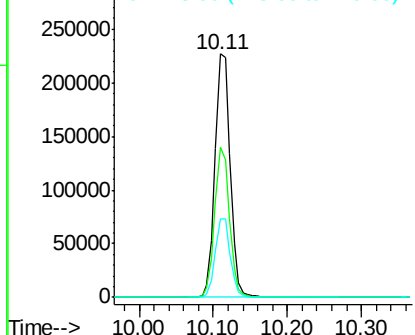
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008660.D
Acq: 05 Apr 2019 01:26

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 316919
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 32.3 25.0 37.4



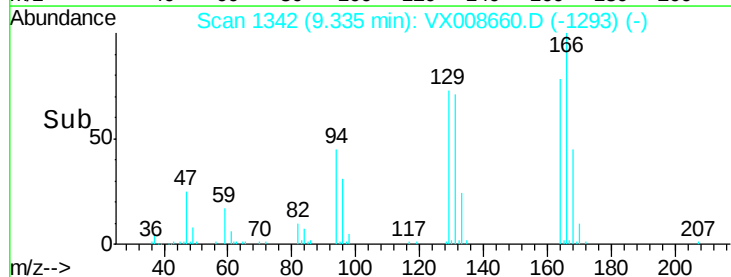
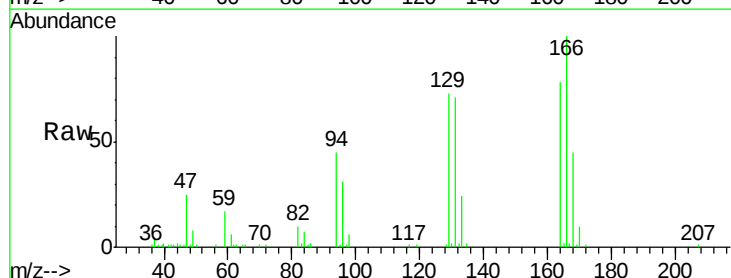
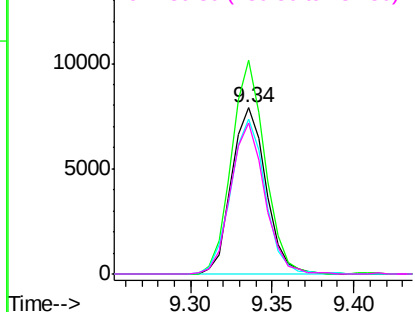
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

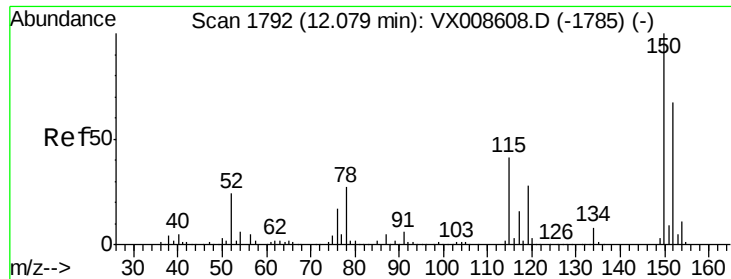


#64
Tetrachloroethene
Concen: 4.926 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008660.D
Acq: 05 Apr 2019 01:26

Tgt Ion:164 Resp: 11567
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 93.8 75.8 113.8
131 90.9 71.8 107.8

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008660.D

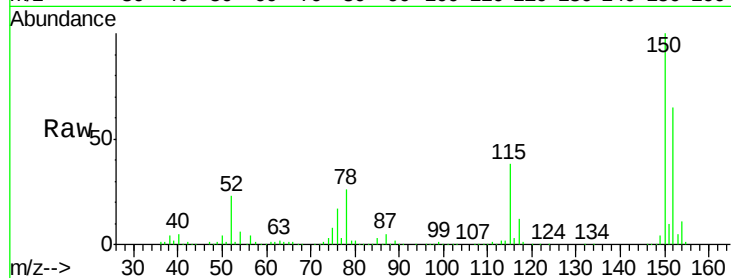
Acq: 05 Apr 2019 01:26

Instrument :

MSVOA_X

ClientSampleId :

ST006MW079-190403



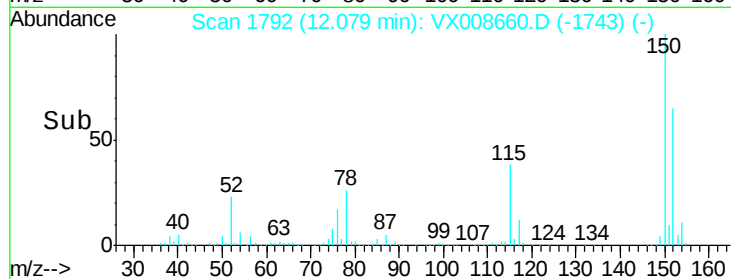
Tot Ion:152 Resp: 133924

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

150 155.3 0.0 348.8



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

