

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008661.D
 Acq On : 05 Apr 2019 01:49
 Operator : JC/SP
 Sample : K2274-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW081-190403

Quant Time: Apr 05 09:16:26 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

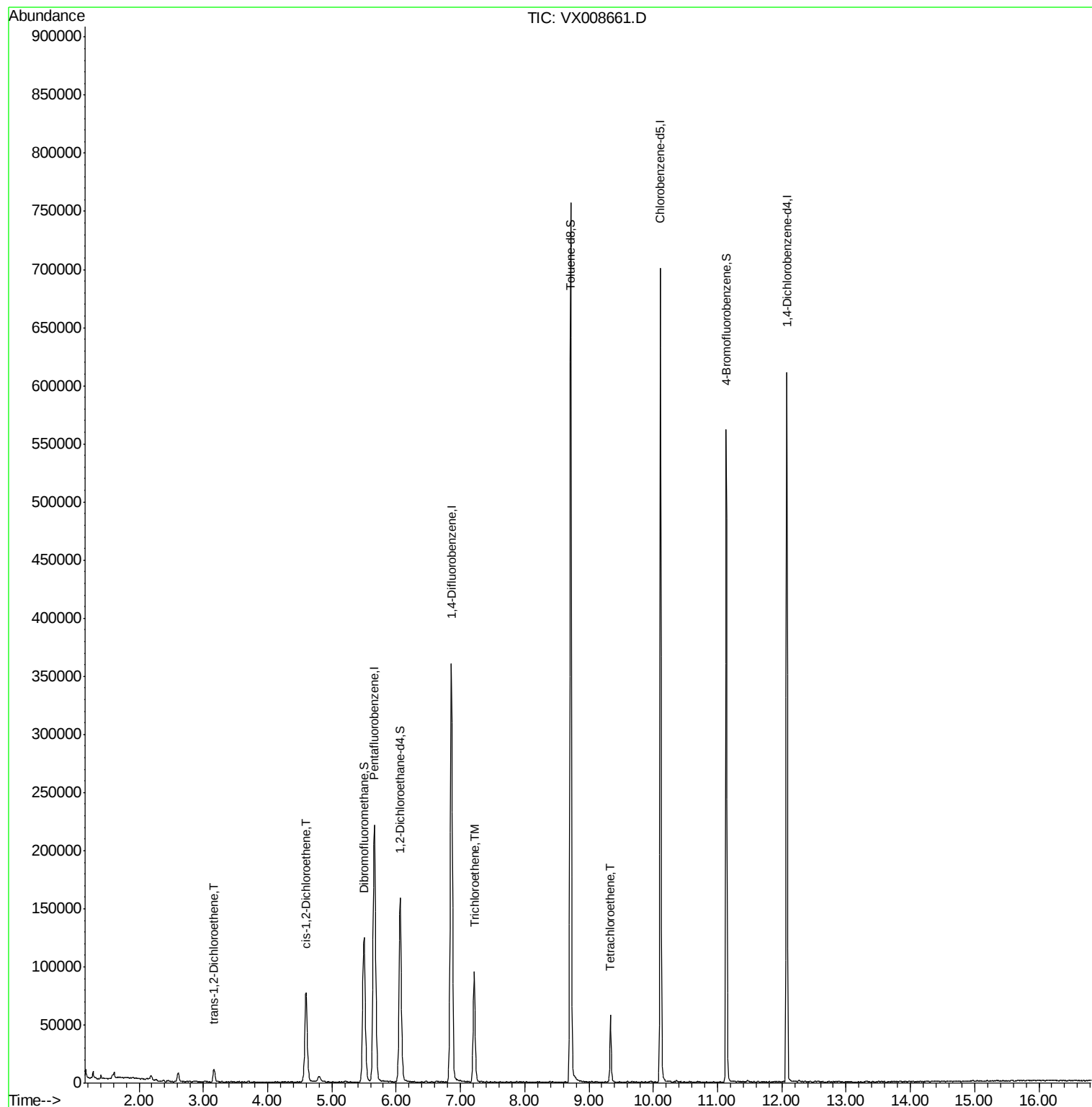
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147262	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	107695	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	442657	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	148801	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	4403	1.661	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48875	16.033	ug/l	88
44) Trichloroethene	7.21	130	36168	13.435	ug/l	99
64) Tetrachloroethene	9.34	164	10964	4.845	ug/l	90

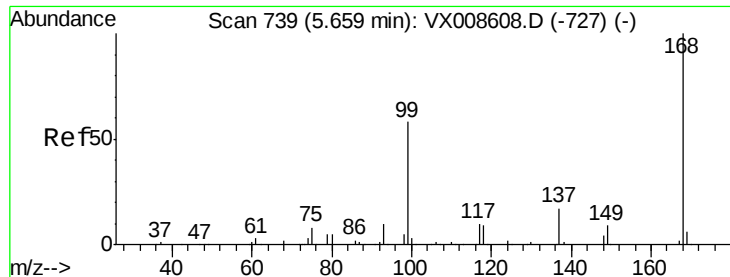
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008661.D

Acq: 05 Apr 2019 01:49

Instrument :

MSVOA_X

ClientSampleId :

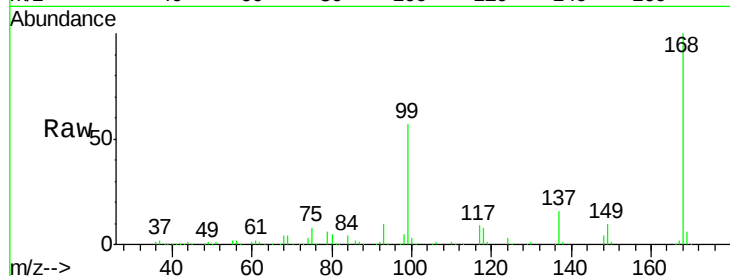
ST006MW081-190403

Tot Ion:168 Resp: 212028

Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

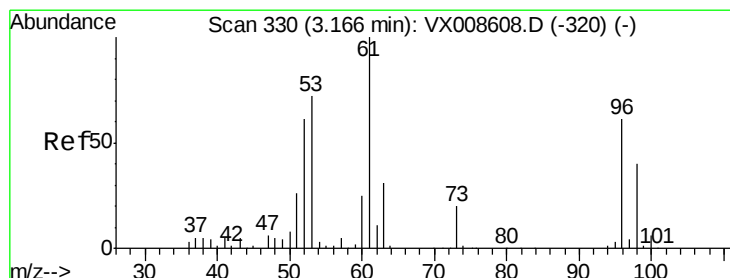
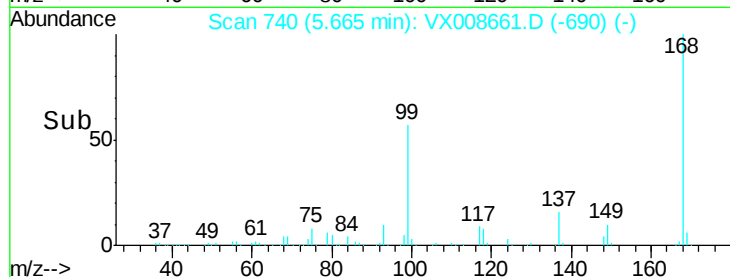
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.661 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008661.D

Acq: 05 Apr 2019 01:49

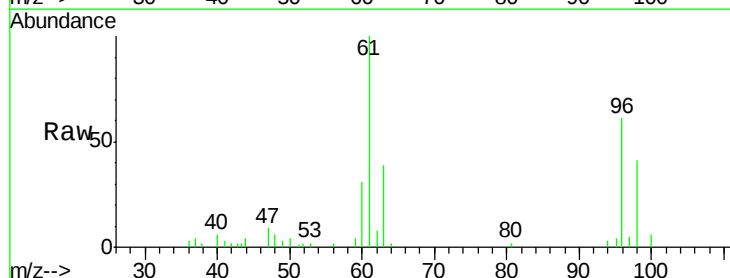
Tgt Ion: 96 Resp: 4403

Ion Ratio Lower Upper

96 100

61 163.4 132.1 198.1

98 66.8 52.2 78.2



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

3.17

4000

3000

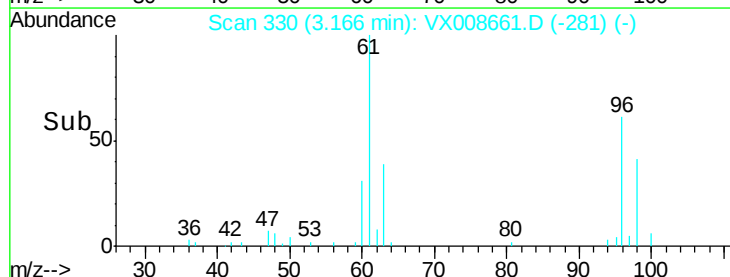
2000

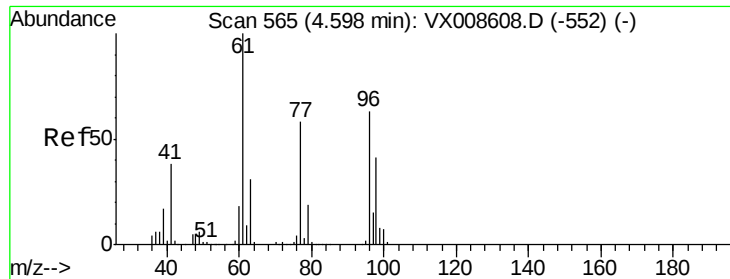
1000

0

3.10 3.15 3.20 3.25

Time-->



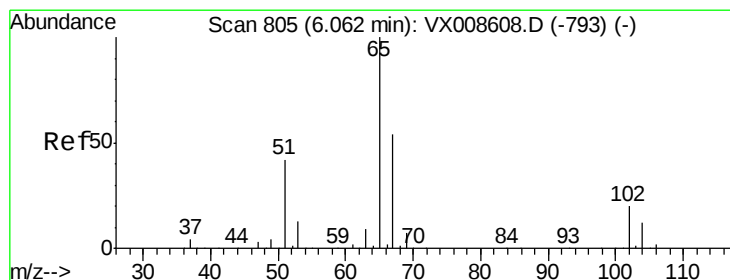
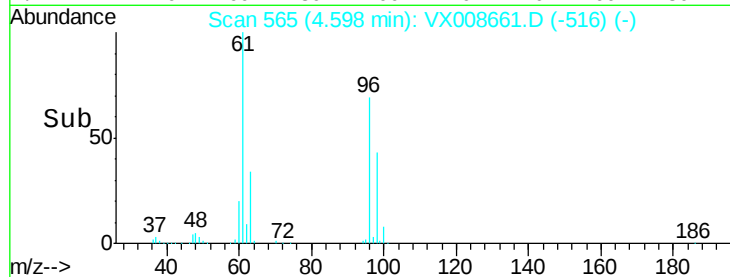
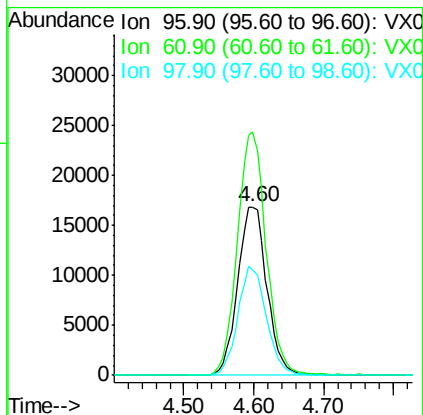
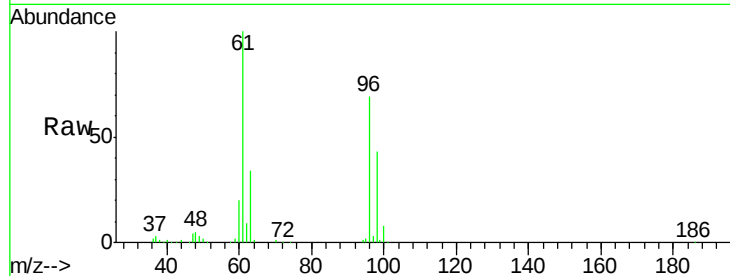


#27

cis-1,2-Dichloroethene
Concen: 16.033 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

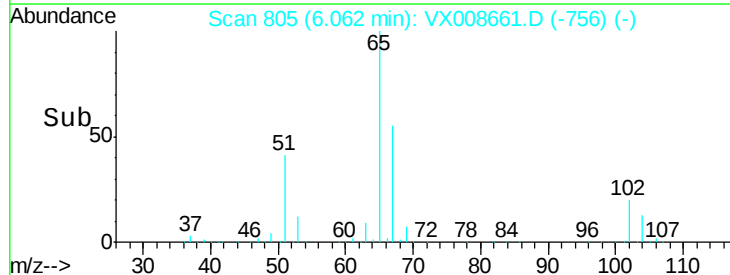
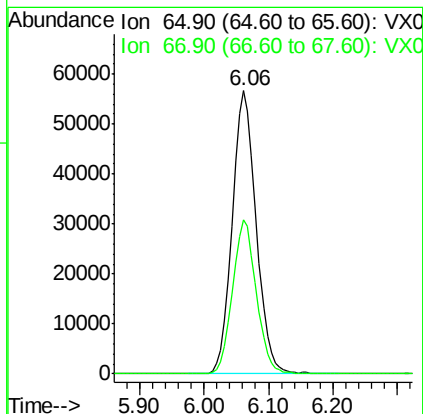
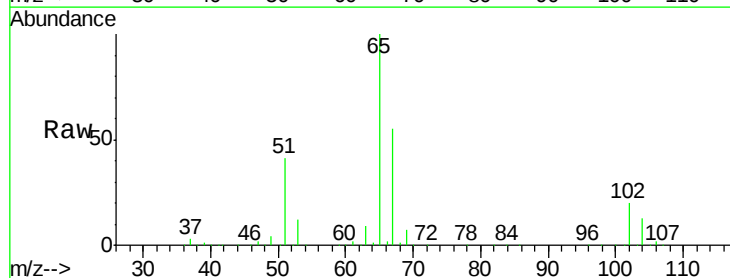
Tot Ion: 96 Resp: 48875
Ion Ratio Lower Upper
96 100
61 142.6 0.0 327.6
98 63.4 0.0 128.6

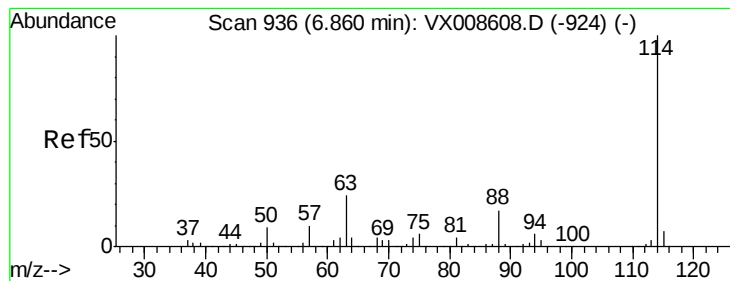


#33

1,2-Dichloroethane-d4
Concen: 47.618 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 65 Resp: 147262
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008661.D

Acq: 05 Apr 2019 01:49

Instrument :

MSVOA_X

ClientSampleId :

ST006MW081-190403

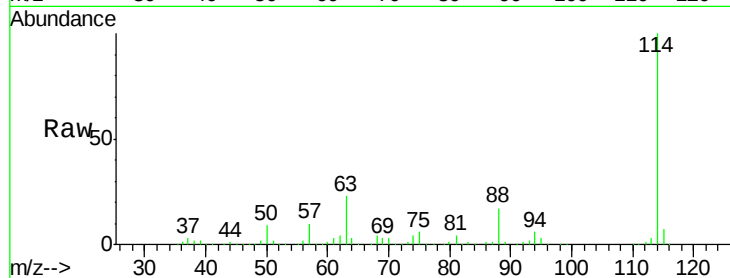
Tot Ion:114 Resp: 354954

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

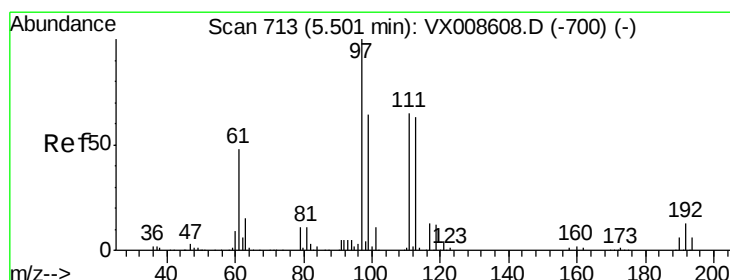
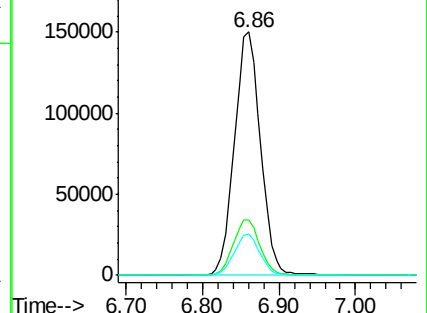
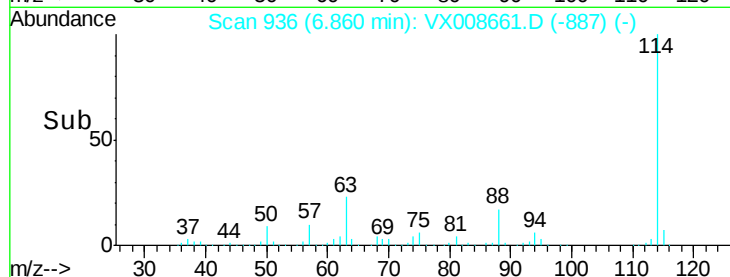
88 16.9 0.0 34.0



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: 47.454 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008661.D

Acq: 05 Apr 2019 01:49

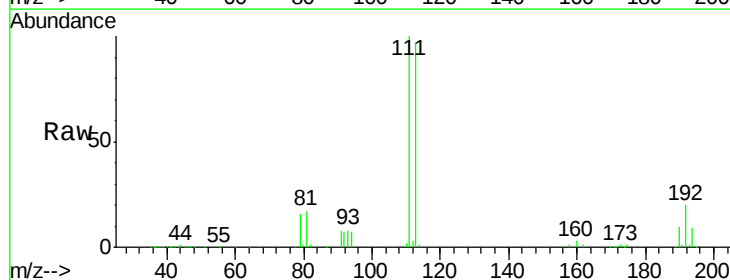
Tgt Ion:113 Resp: 107695

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

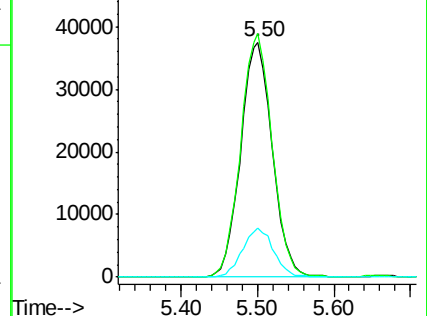
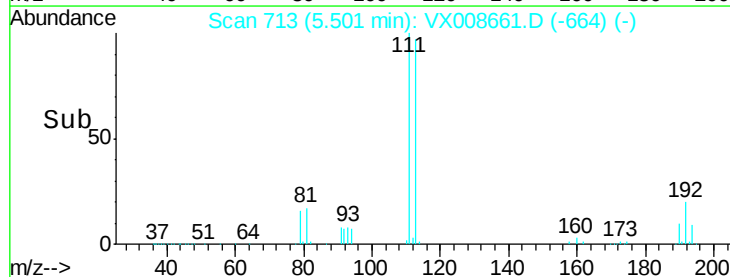
192 20.5 16.1 24.1

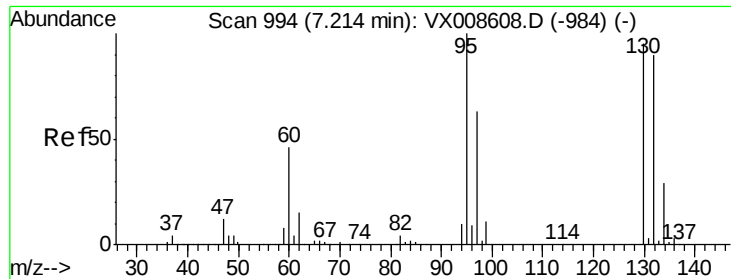


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.435 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008661.D

Acq: 05 Apr 2019 01:49

Instrument :

MSVOA_X

ClientSampleId :

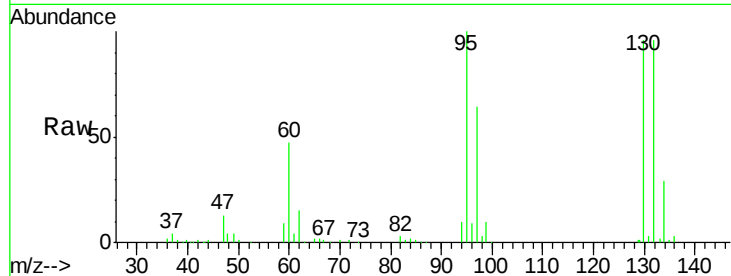
ST006MW081-190403

Tot Ion:130 Resp: 36168

Ion Ratio Lower Upper

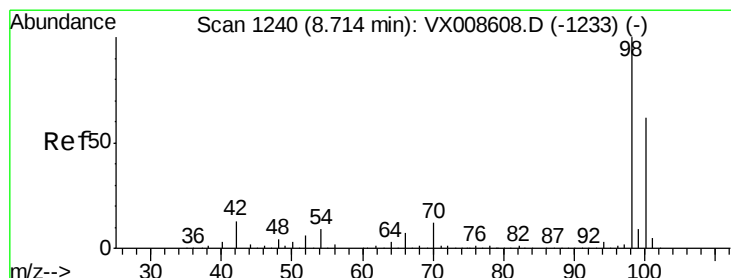
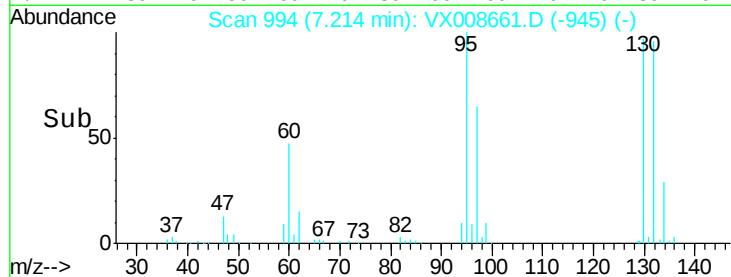
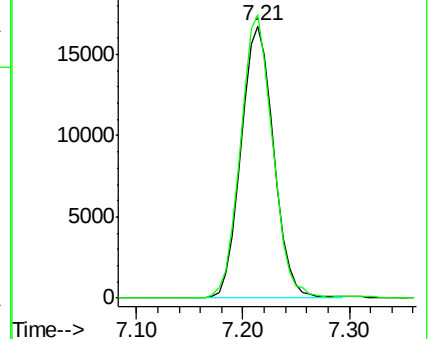
130 100

95 104.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.986 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008661.D

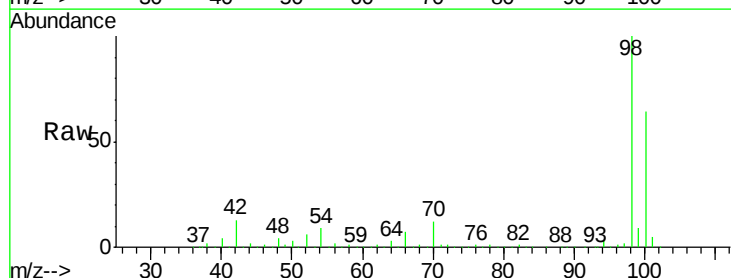
Acq: 05 Apr 2019 01:49

Tgt Ion: 98 Resp: 442657

Ion Ratio Lower Upper

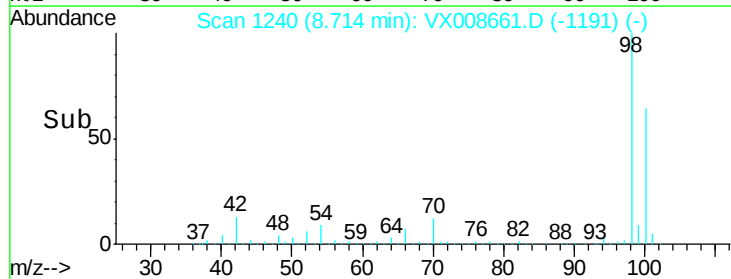
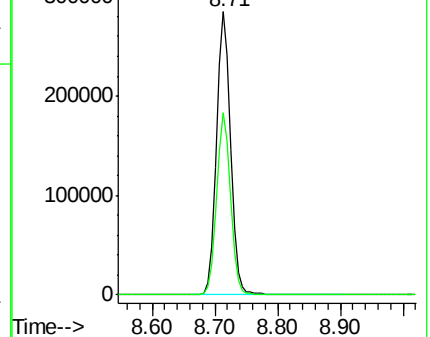
98 100

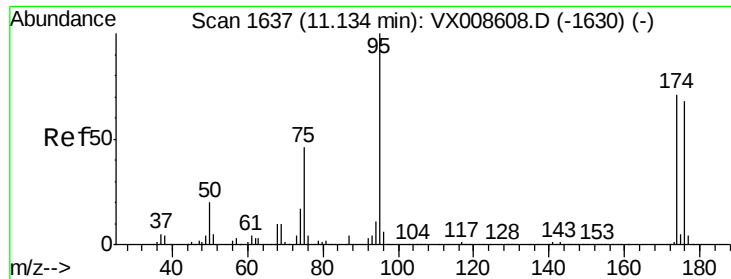
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

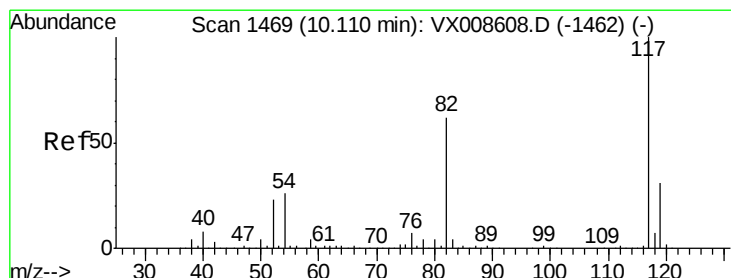
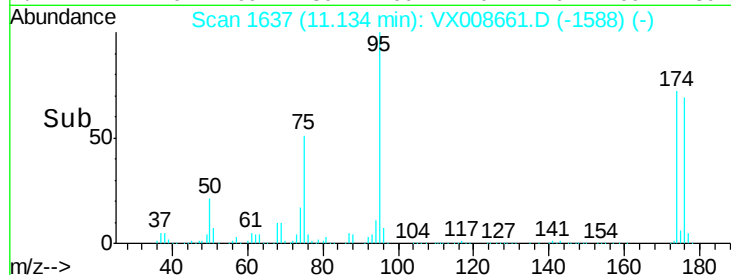
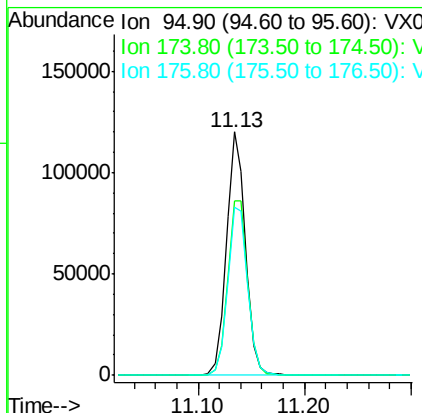
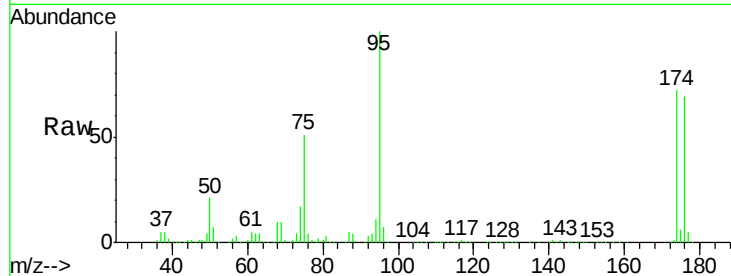




#62
 4-Bromofluorobenzene
 Concen: 46.436 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008661.D
 Acq: 05 Apr 2019 01:49

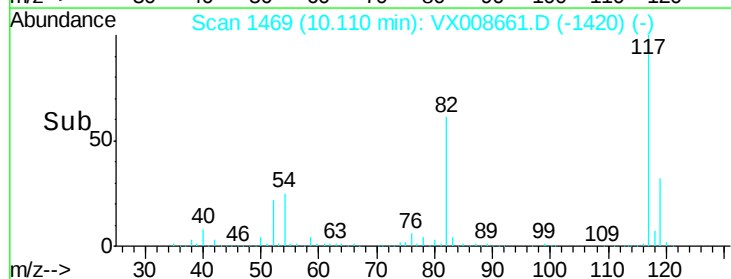
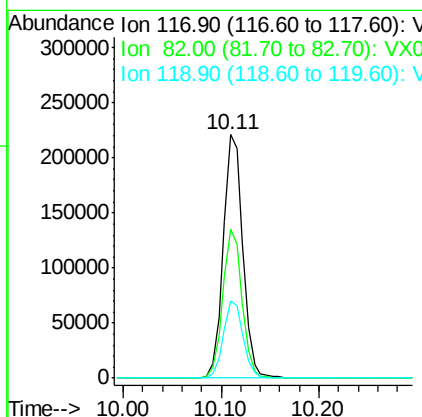
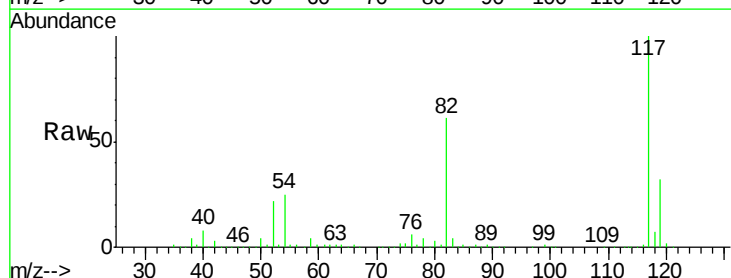
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW081-190403

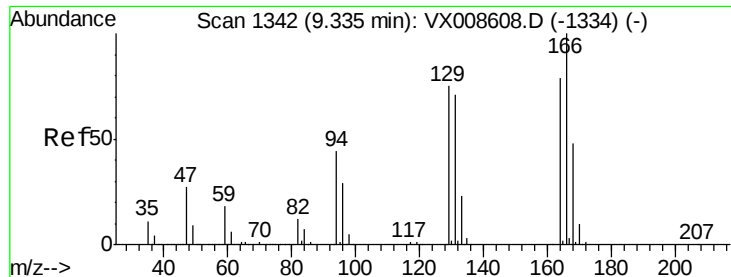
Tot Ion: 95 Resp: 148801
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.8
 176 72.9 0.0 145.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008661.D
 Acq: 05 Apr 2019 01:49

Tgt Ion: 117 Resp: 305425
 Ion Ratio Lower Upper
 117 100
 82 61.3 49.6 74.4
 119 31.7 25.0 37.4





#64

Tetrachloroethene

Concen: 4.845 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008661.D

Acq: 05 Apr 2019 01:49

Instrument :

MSVOA_X

ClientSampleId :

ST006MW081-190403

Tot Ion:164 Resp: 10964

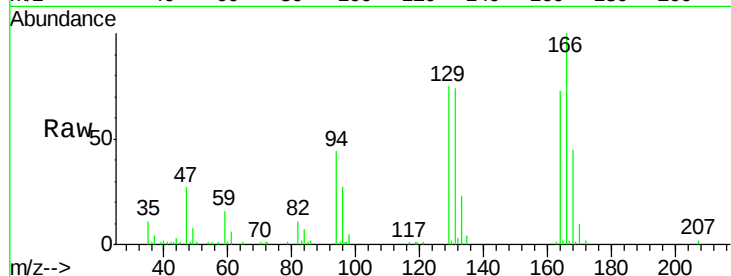
Ion Ratio Lower Upper

164 100

166 136.5 101.0 151.6

129 102.8 75.8 113.8

131 101.4 71.8 107.8

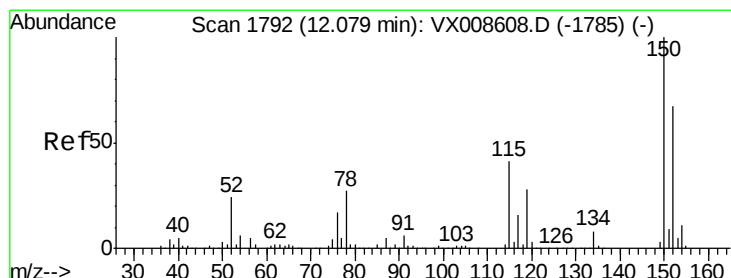
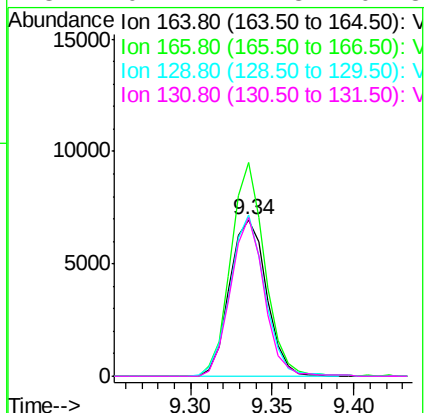
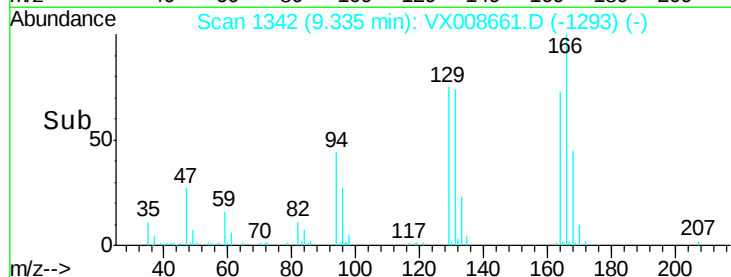


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008661.D

Acq: 05 Apr 2019 01:49

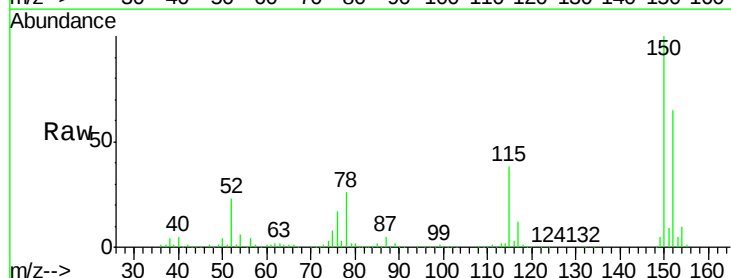
Tgt Ion:152 Resp: 124834

Ion Ratio Lower Upper

152 100

115 60.5 43.5 130.5

150 155.8 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

