

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009080.D
 Acq On : 19 Apr 2019 19:01
 Operator : JC/SP
 Sample : K2495-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

Quant Time: Apr 22 11:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

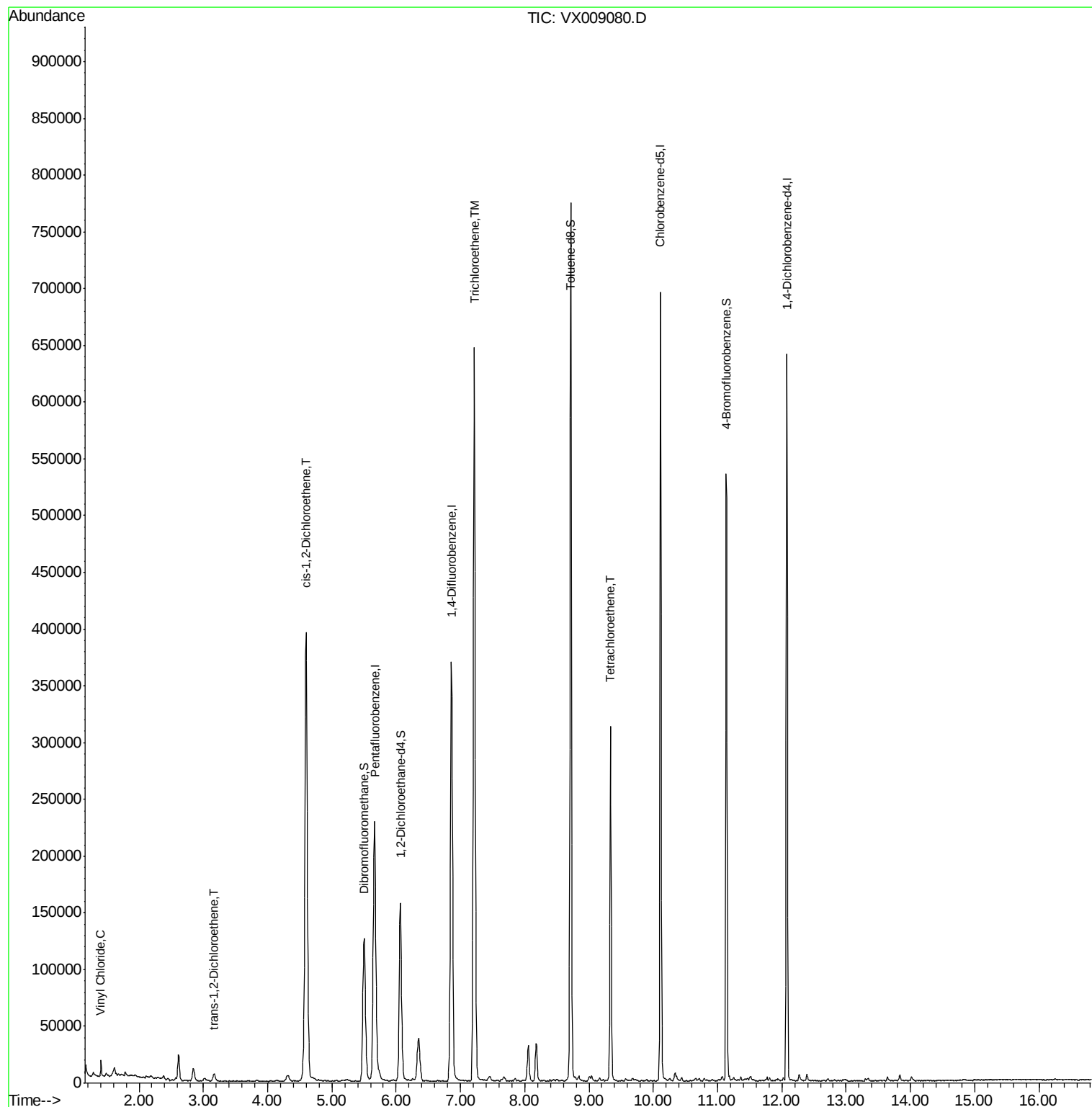
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149272	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	110149	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	446678	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.13	95	145217	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9843	3.244	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	1677	0.665	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	239877	83.794	ug/l	92
44) Trichloroethene	7.21	130	243118	89.883	ug/l	100
64) Tetrachloroethene	9.34	164	59447	25.609	ug/l	97

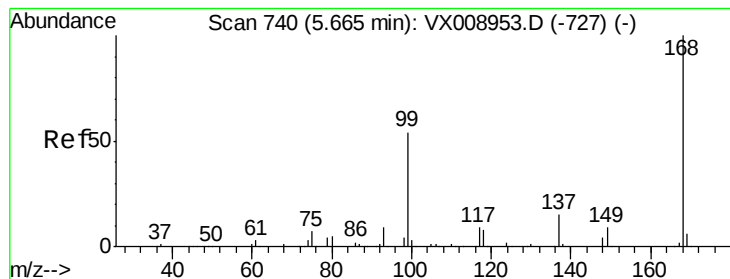
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 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: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

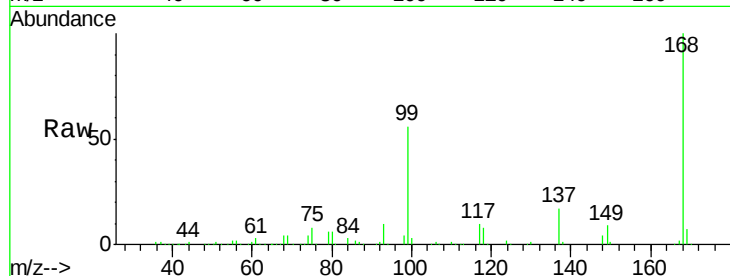
SS040RW056-190417

Tot Ion:168 Resp: 220433

Ion Ratio Lower Upper

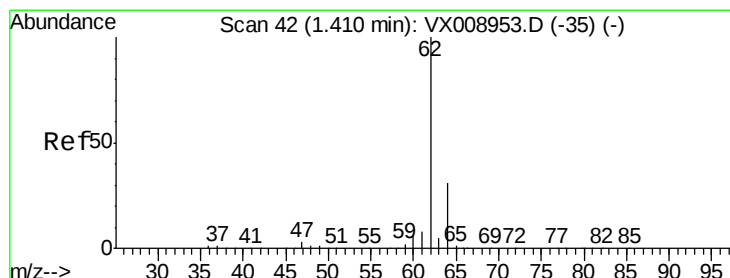
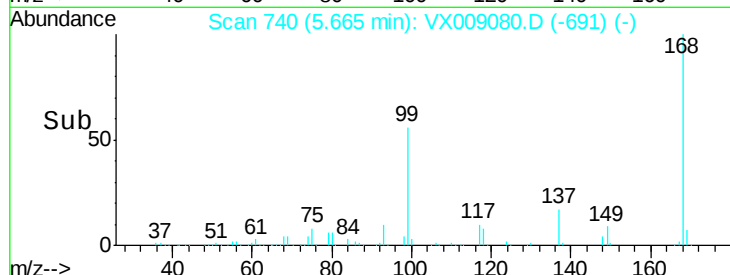
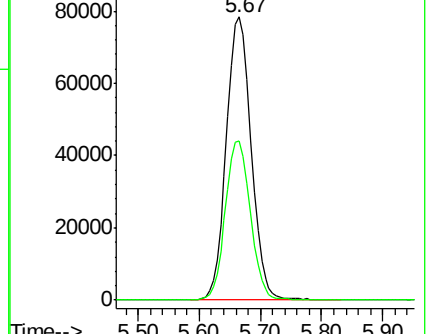
168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.244 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009080.D

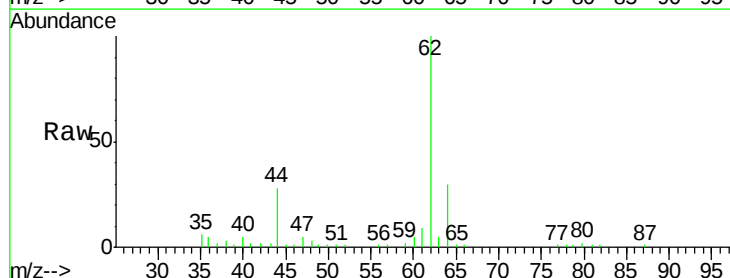
Acq: 19 Apr 2019 19:01

Tgt Ion: 62 Resp: 9843

Ion Ratio Lower Upper

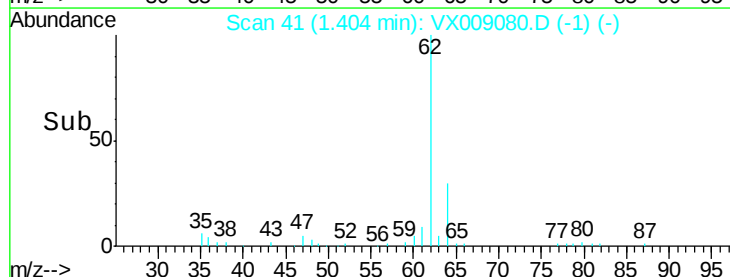
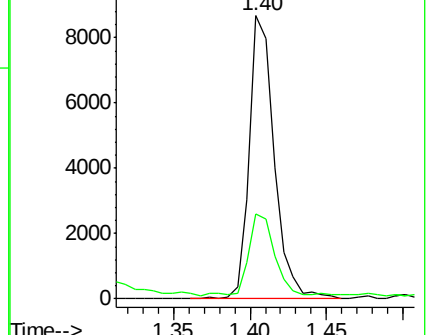
62 100

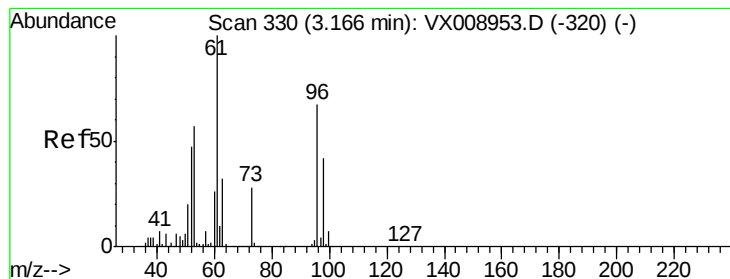
64 28.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.665 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS040RW056-190417

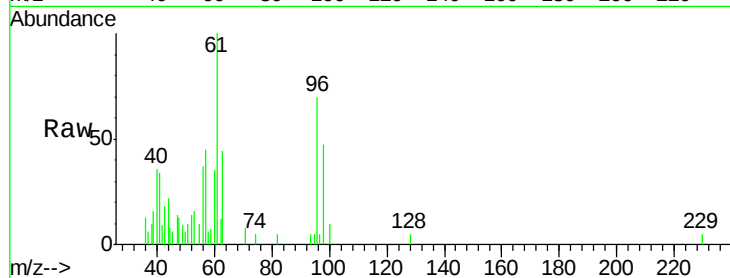
Tot Ion: 96 Resp: 1677

Ion Ratio Lower Upper

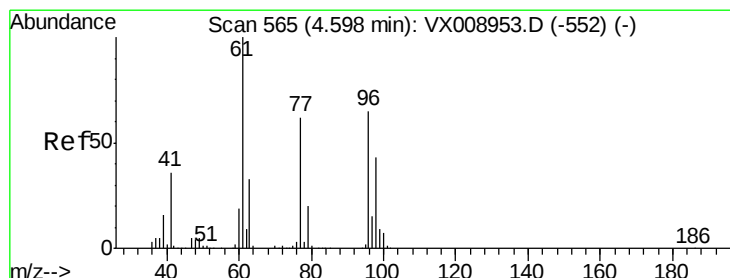
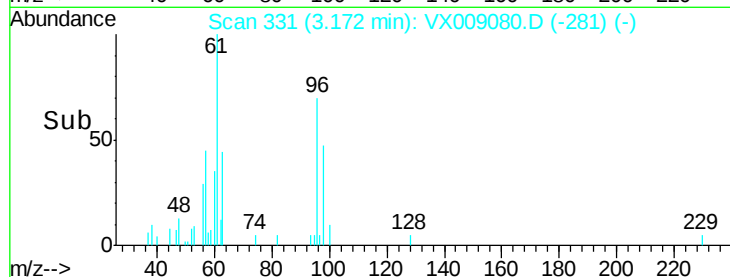
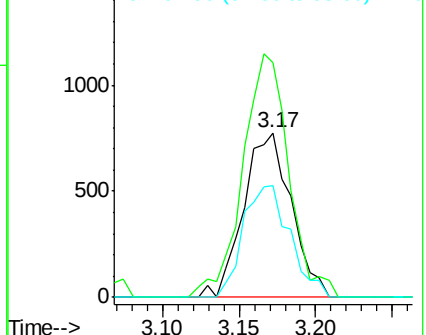
96 100

61 143.0 120.3 180.5

98 67.6 50.2 75.2



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



#27

cis-1,2-Dichloroethene

Concen: 83.794 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

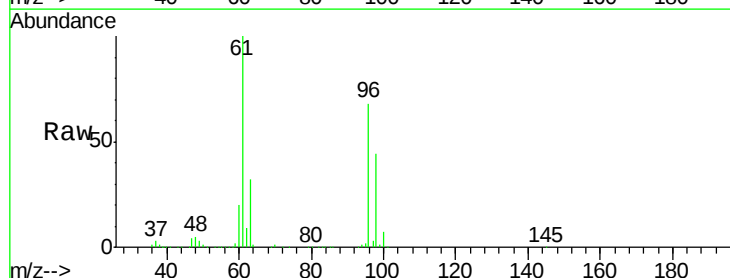
Tgt Ion: 96 Resp: 239877

Ion Ratio Lower Upper

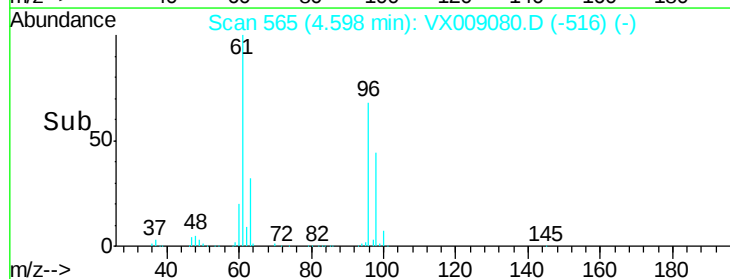
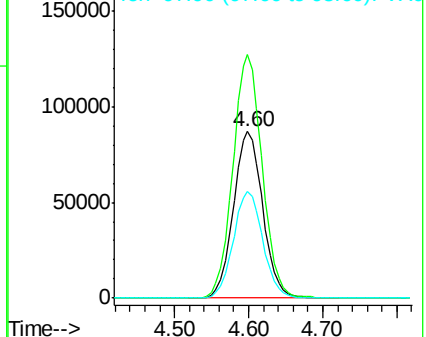
96 100

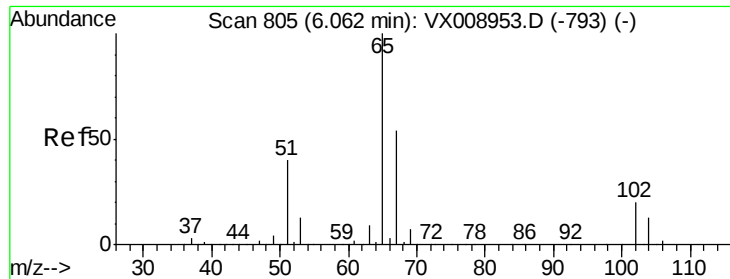
61 146.0 0.0 322.0

98 64.5 0.0 128.4



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

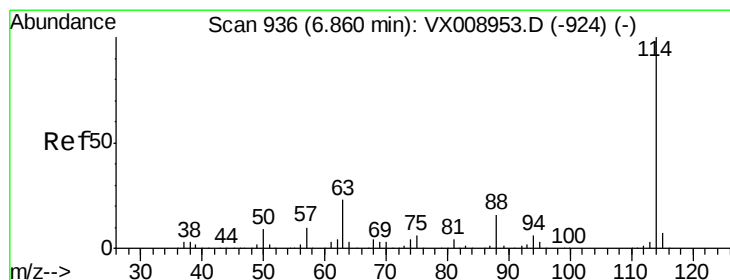
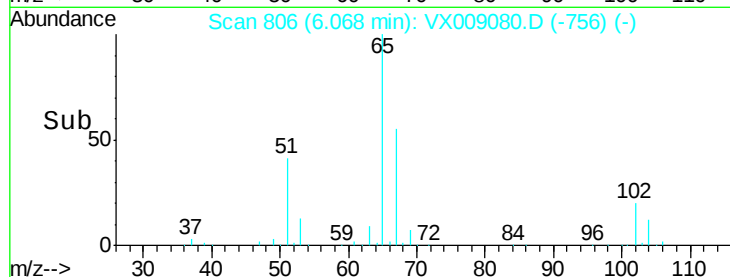
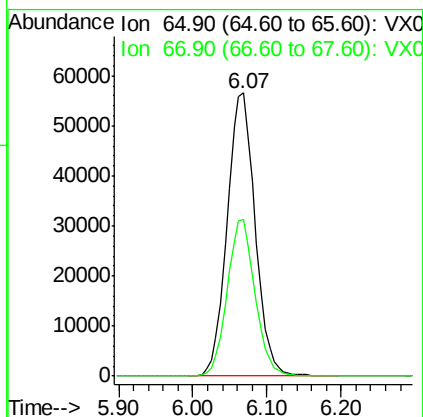
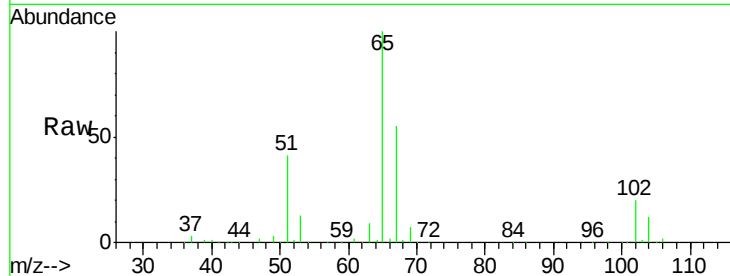




#33
 1,2-Dichloroethane-d4
 Concen: 48.051 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

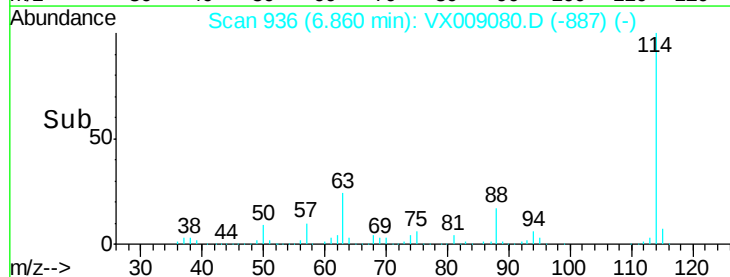
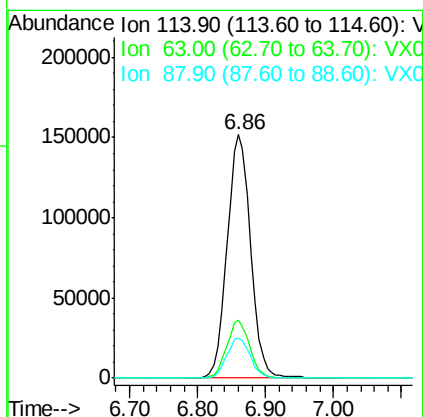
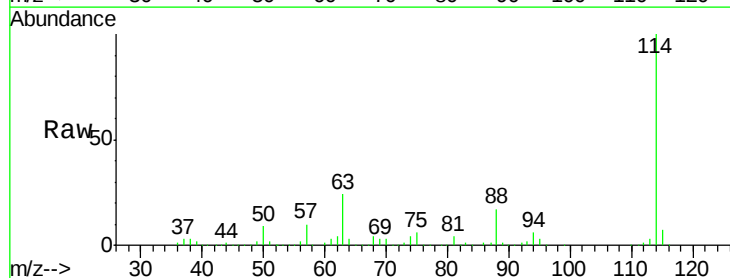
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

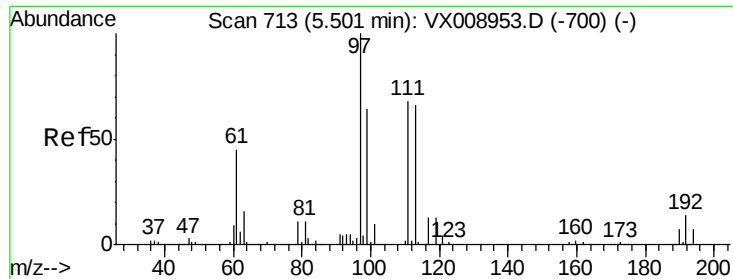
Tot Ion: 65 Resp: 149272
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

Tgt Ion: 114 Resp: 361823
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.0
 88 16.6 0.0 32.6

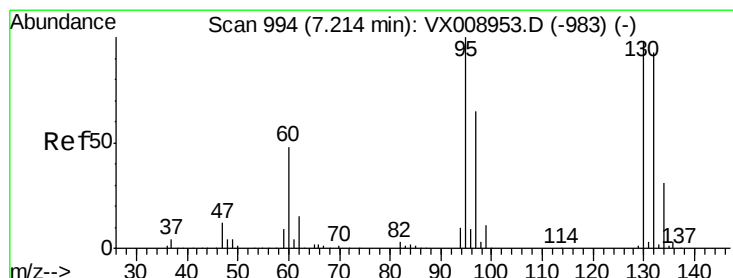
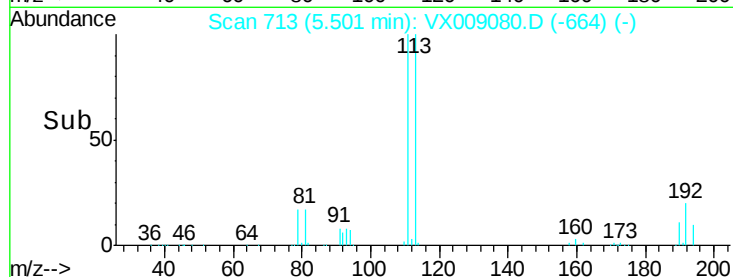
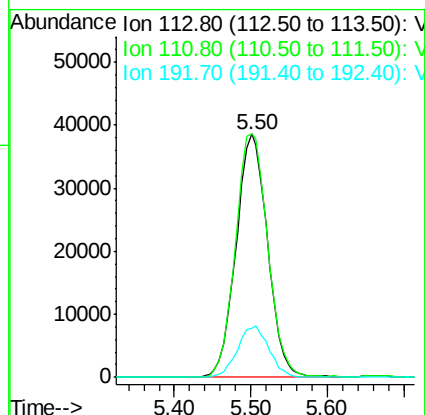
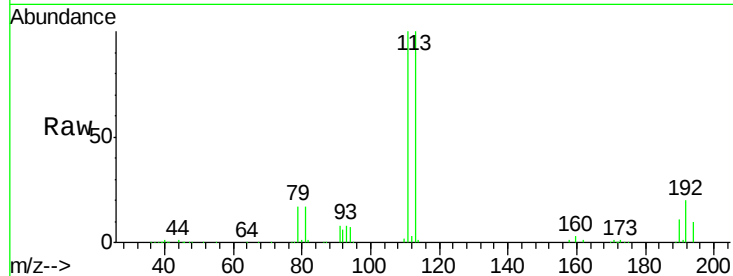




#35
 Dibromofluoromethane
 Concen: 47.435 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

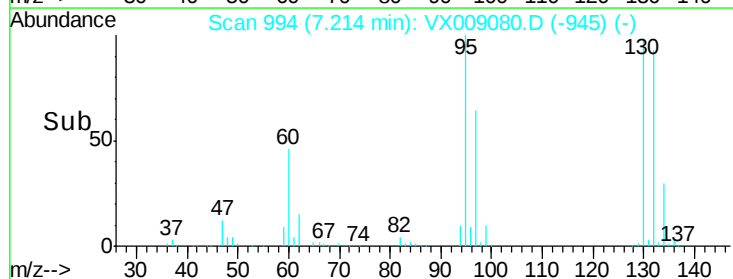
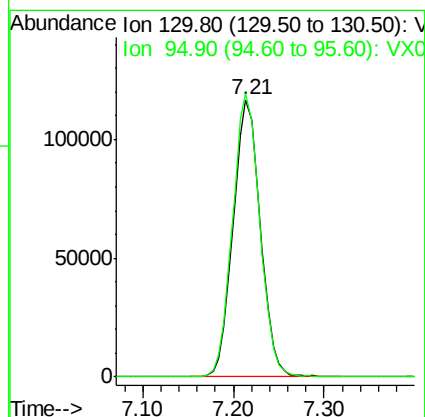
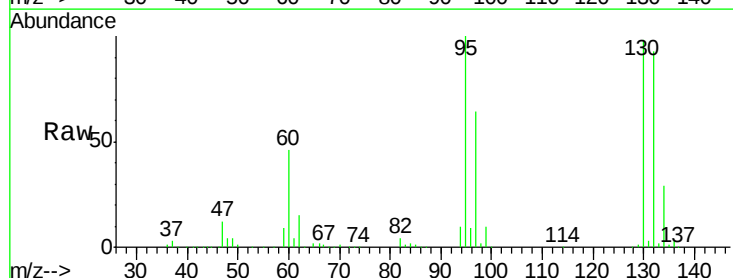
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

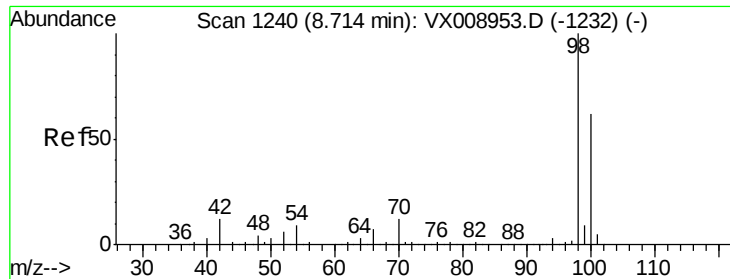
Tot Ion:113 Resp: 110149
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 21.2 17.4 26.0



#44
 Trichloroethene
 Concen: 89.883 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

Tgt Ion:130 Resp: 243118
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 203.2





#50

Toluene-d8

Concen: 48.234 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

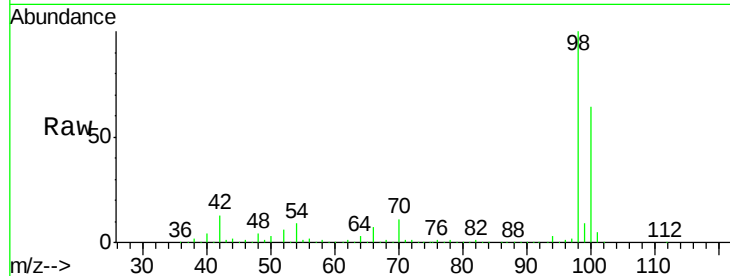
SS040RW056-190417

Tot Ion: 98 Resp: 446678

Ion Ratio Lower Upper

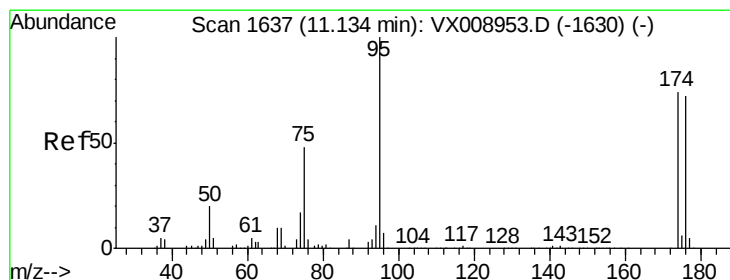
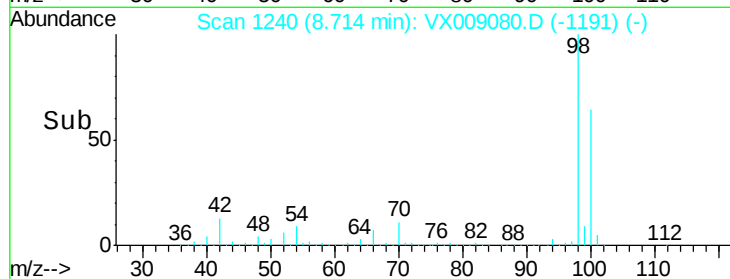
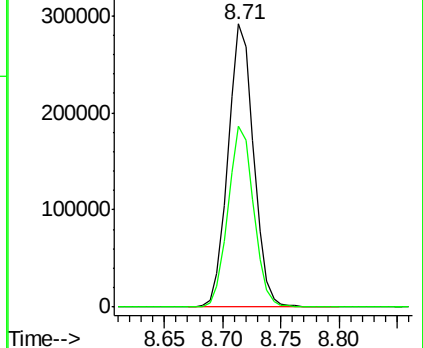
98 100

100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

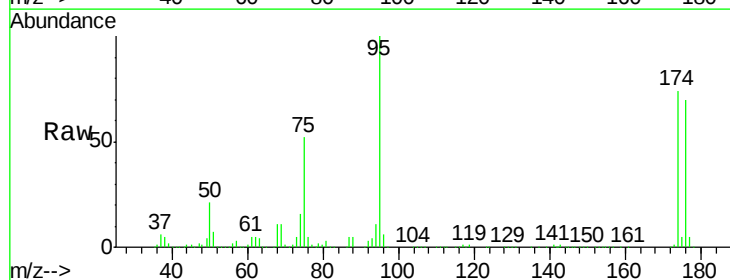
Tgt Ion: 95 Resp: 145217

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

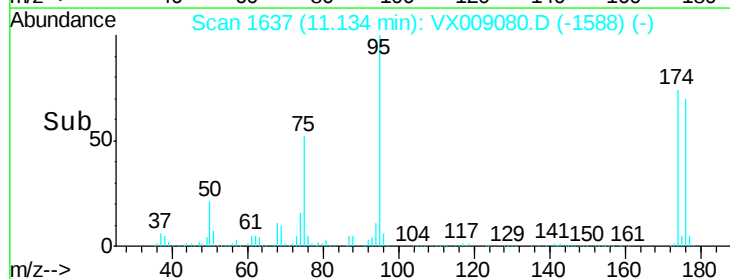
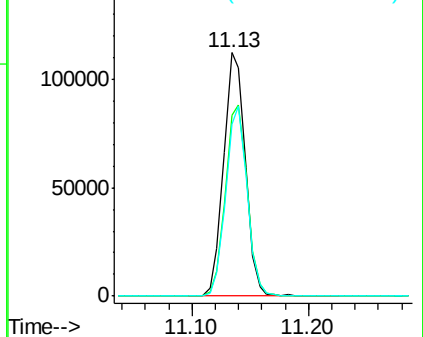
176 76.6 0.0 154.8

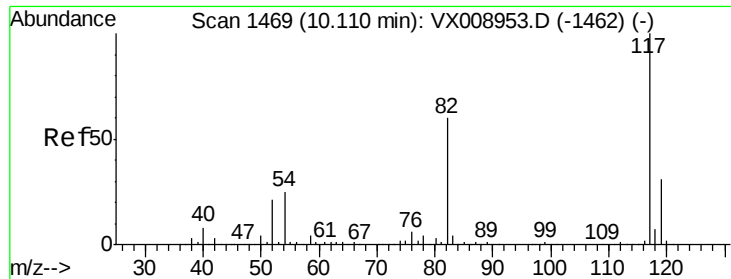


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

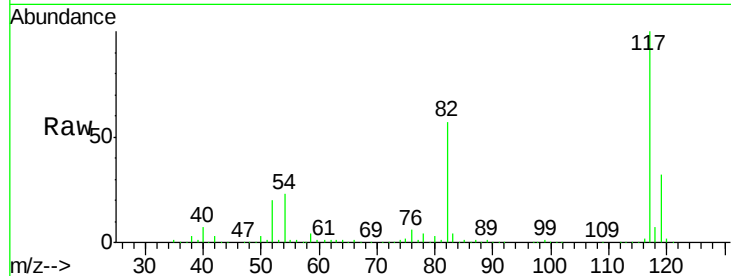




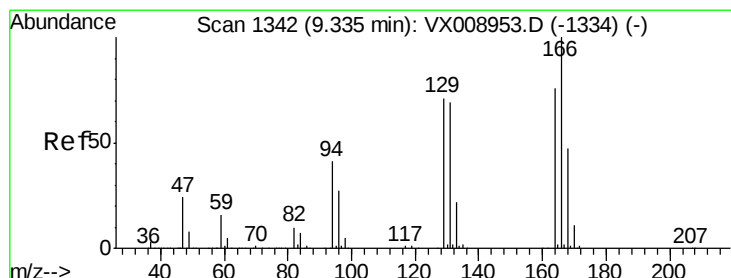
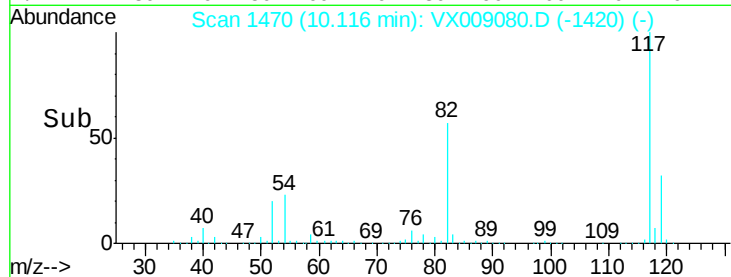
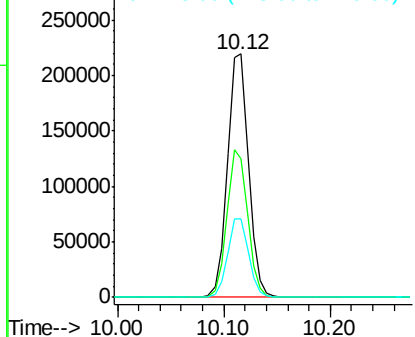
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

Tot Ion:117 Resp: 305563
Ion Ratio Lower Upper
117 100
82 57.1 48.2 72.4
119 32.0 25.0 37.6



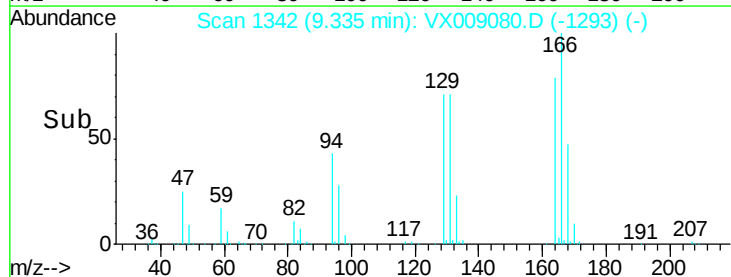
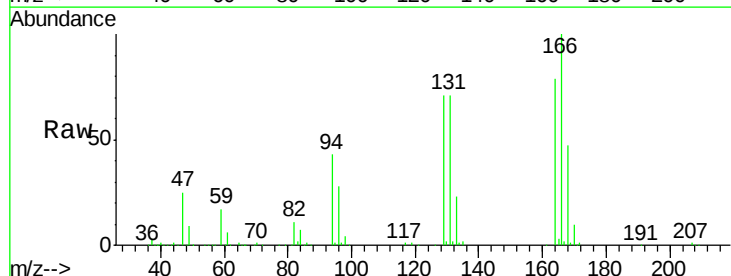
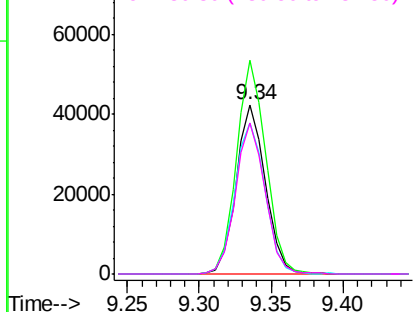
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

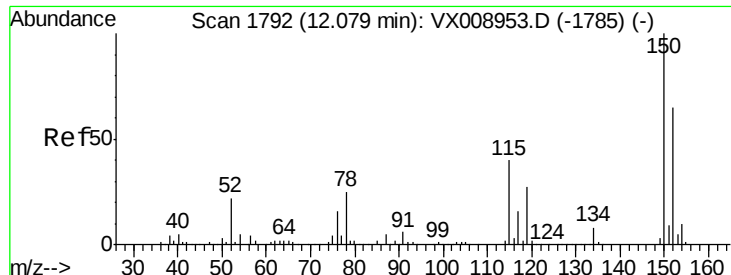


#64
Tetrachloroethene
Concen: 25.609 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion:164 Resp: 59447
Ion Ratio Lower Upper
164 100
166 126.3 105.0 157.4
129 89.1 74.2 111.4
131 89.7 72.2 108.2

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

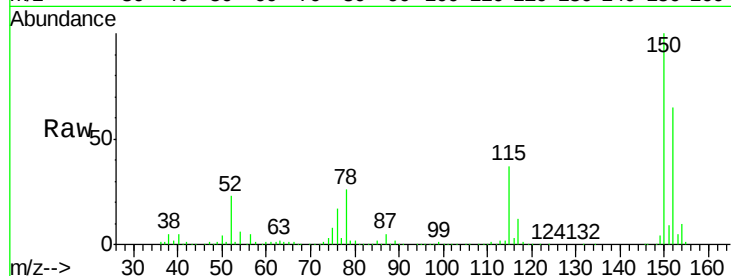




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.4	124.2
150	156.7	0.0	349.8



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

