

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008983.D
 Acq On : 16 Apr 2019 13:32
 Operator : JC/SP
 Sample : K2387-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW130-190411

Quant Time: Apr 17 05:28:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

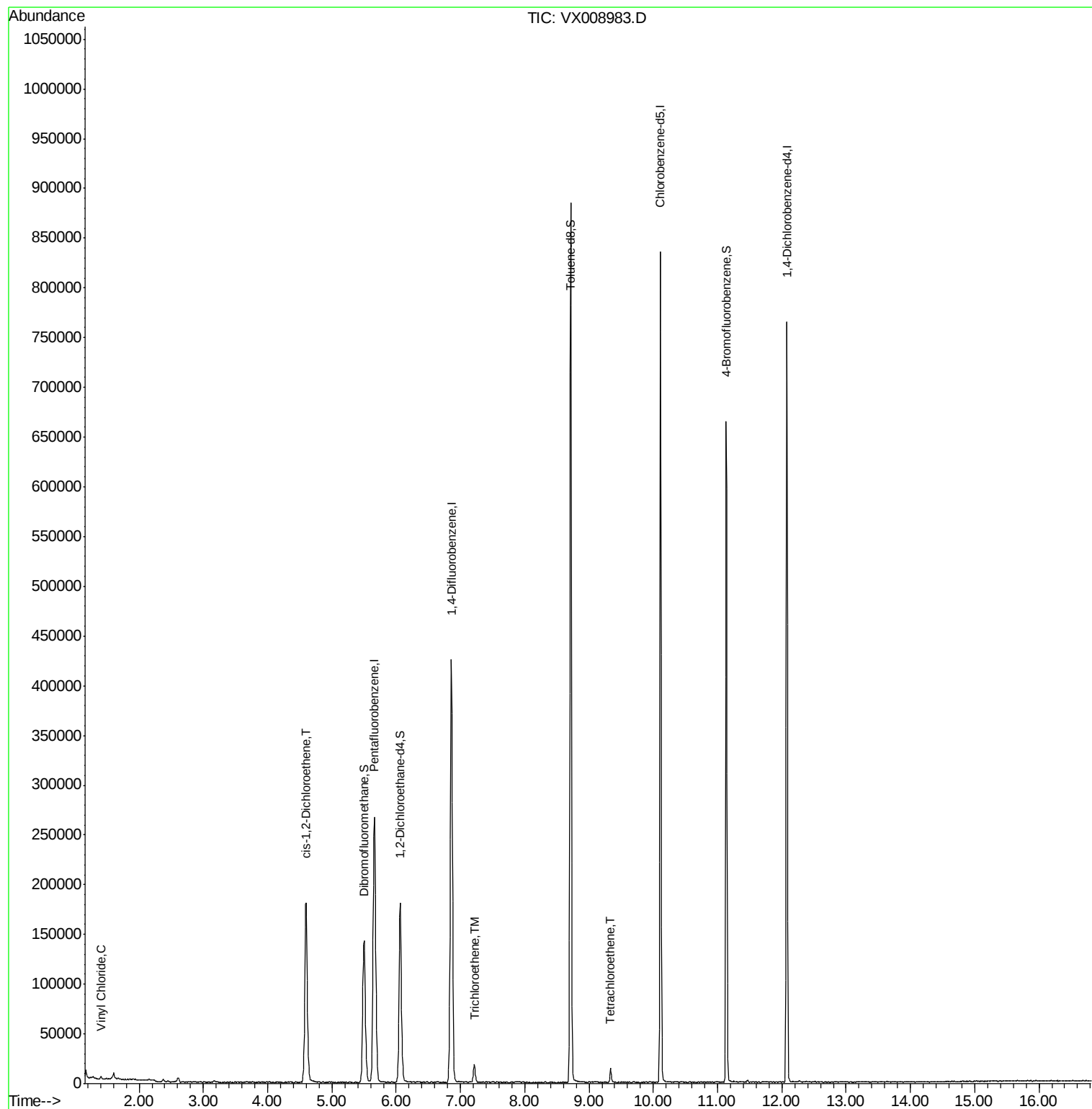
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	262771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168296	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
35) Dibromofluoromethane	5.50	113	124036	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	517664	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	173071	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2175	0.601	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	114115	33.440	ug/l	90
44) Trichloroethene	7.21	130	6503	2.090	ug/l	97
64) Tetrachloroethene	9.33	164	2487	0.908	ug/l	96

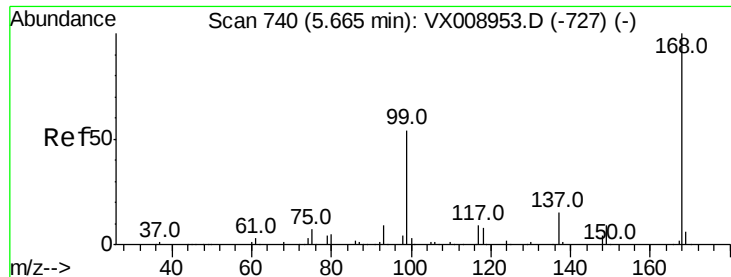
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008983.D

Acq: 16 Apr 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

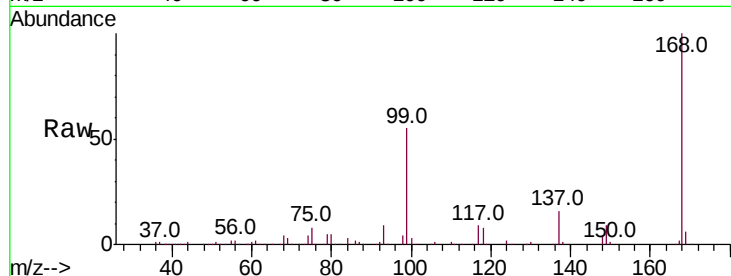
SS042MW130-190411

Tot Ion:168 Resp: 262771

Ion Ratio Lower Upper

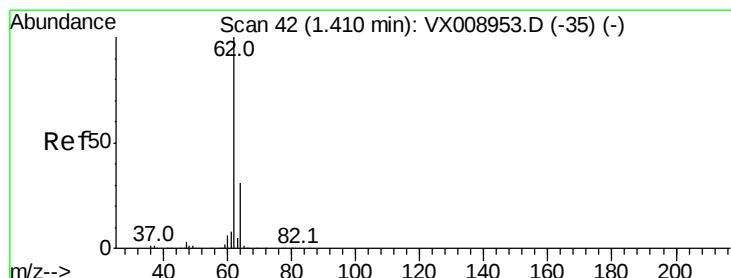
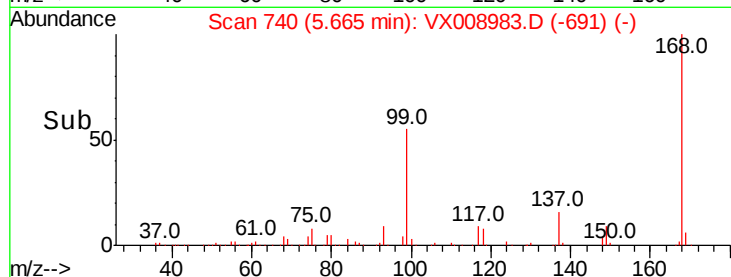
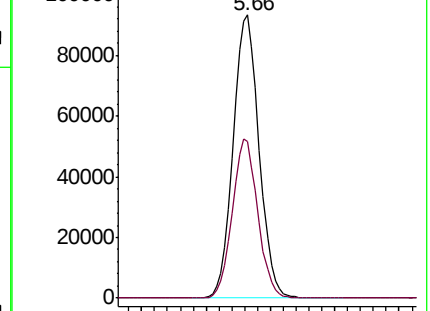
168 100

99 55.3 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: 0.601 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008983.D

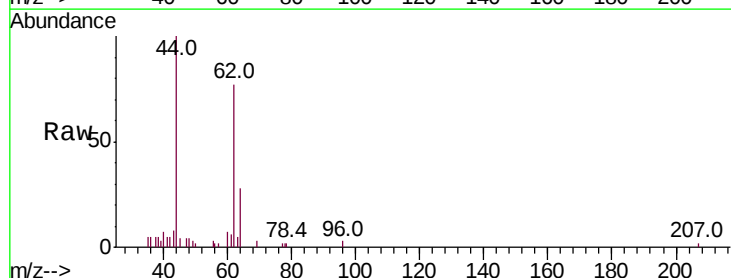
Acq: 16 Apr 2019 13:32

Tgt Ion: 62 Resp: 2175

Ion Ratio Lower Upper

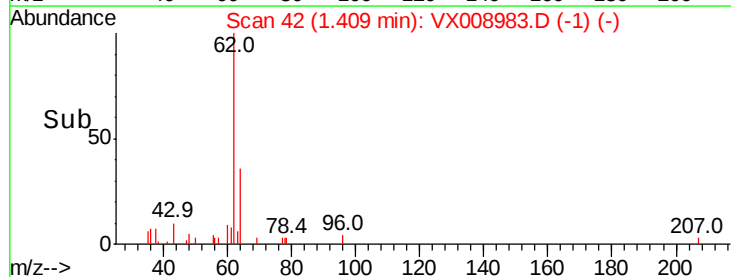
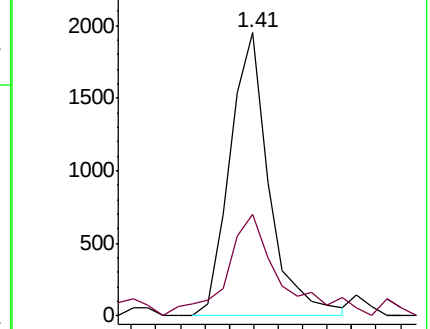
62 100

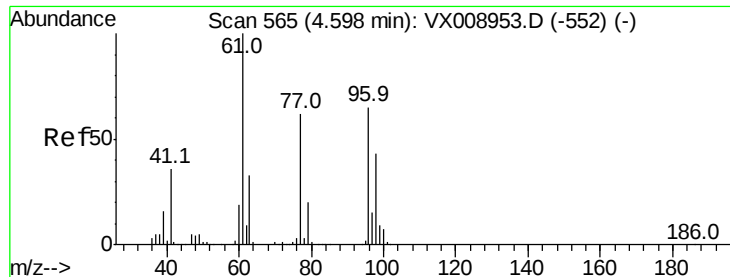
64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



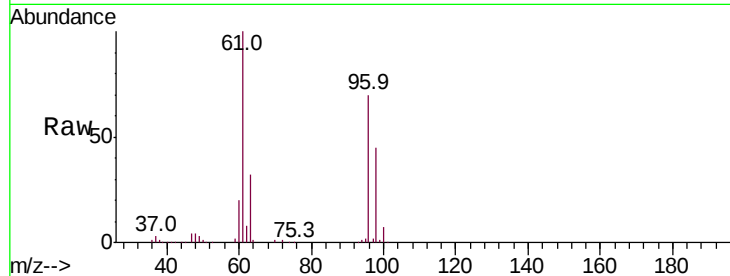


#27

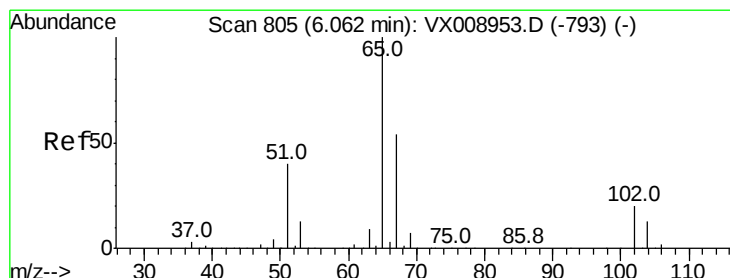
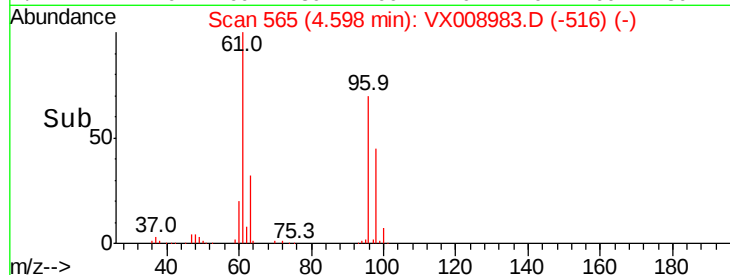
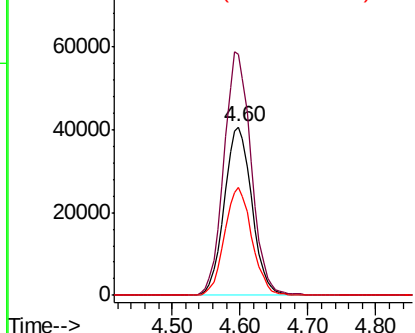
cis-1,2-Dichloroethene
 Concen: 33.440 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008983.D
 Acq: 16 Apr 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW130-190411

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	322.0
98	63.7	0.0	128.4



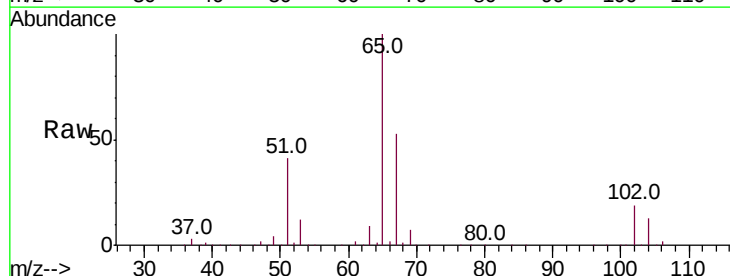
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



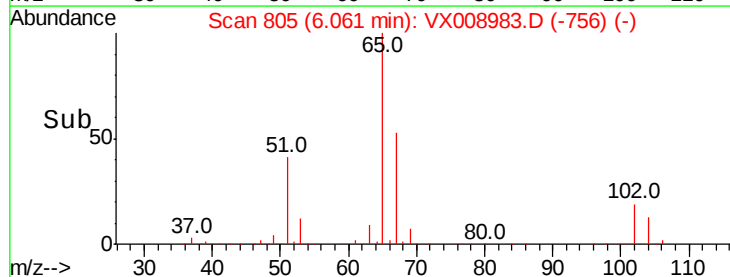
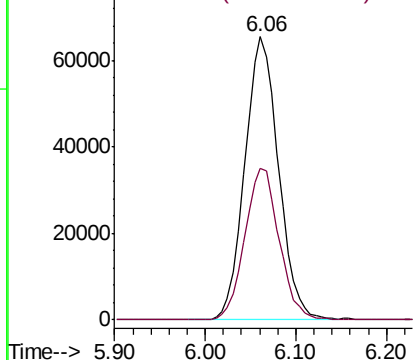
#33

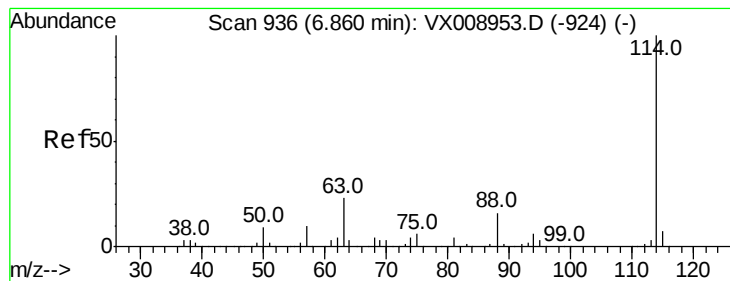
1,2-Dichloroethane-d4
 Concen: 45.446 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008983.D
 Acq: 16 Apr 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.6



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: VX008983.D

Acq: 16 Apr 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW130-190411

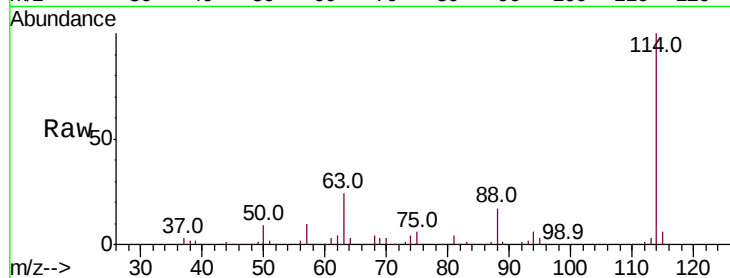
Tot Ion:114 Resp: 416172

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.0

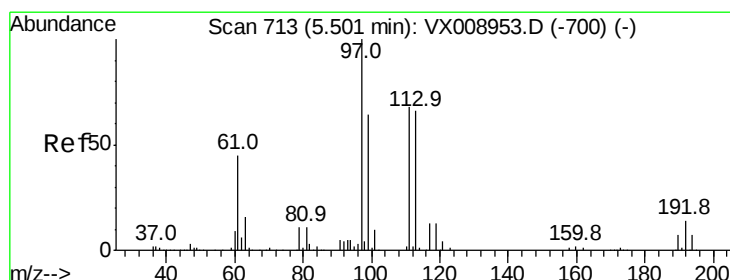
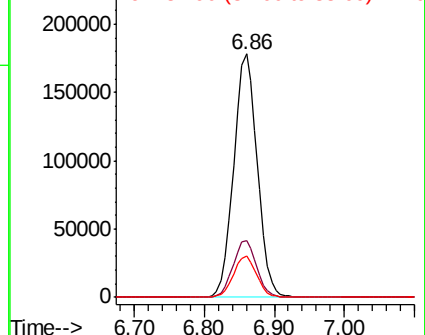
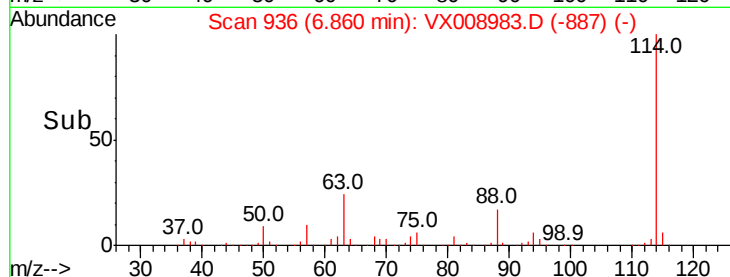
88 17.1 0.0 32.6



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: 46.440 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008983.D

Acq: 16 Apr 2019 13:32

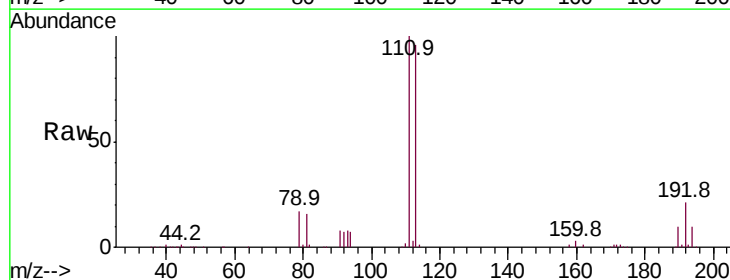
Tgt Ion:113 Resp: 124036

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

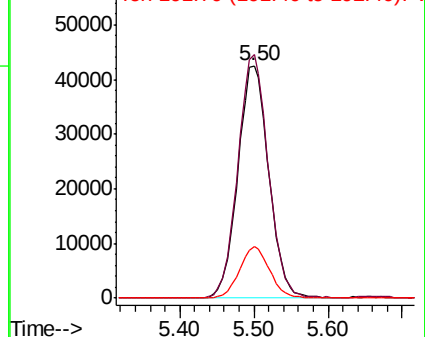
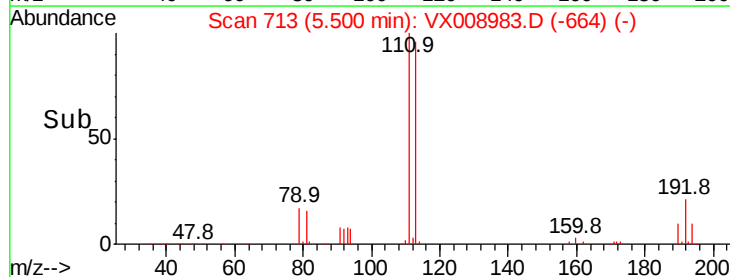
192 21.4 17.4 26.0

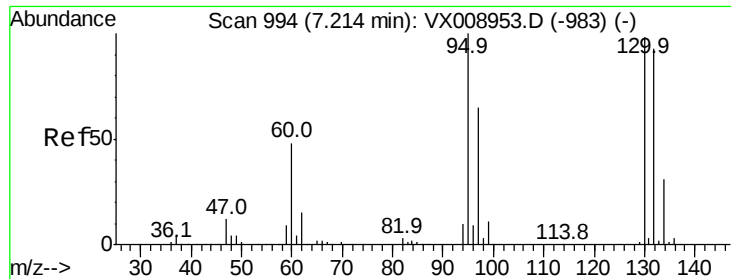


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

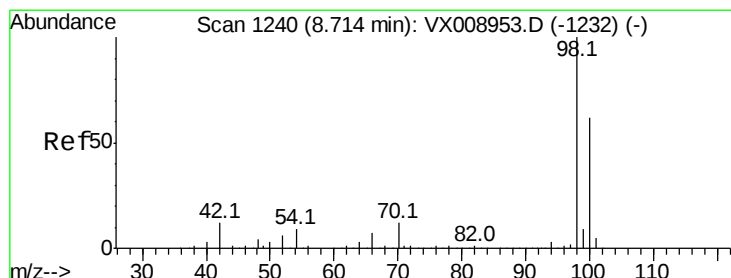
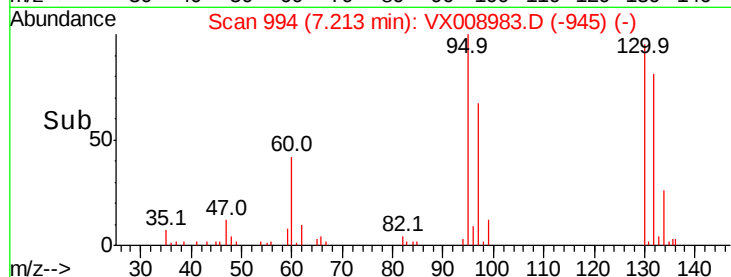
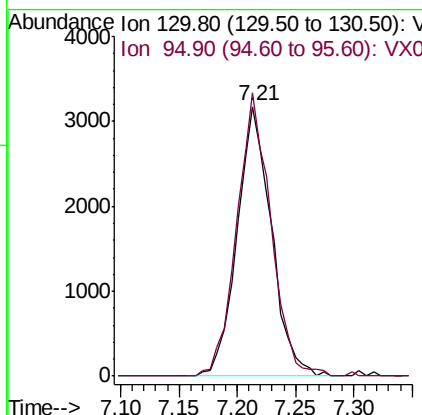
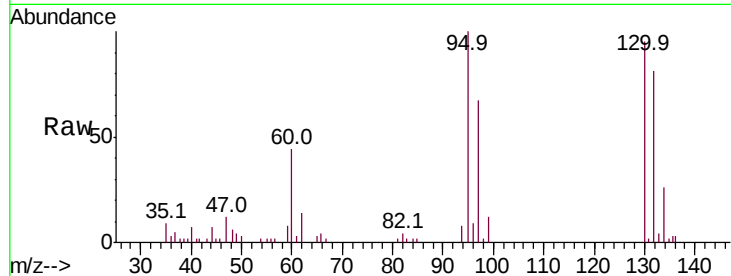




#44
 Trichloroethene
 Concen: 2.090 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008983.D
 Acq: 16 Apr 2019 13:32

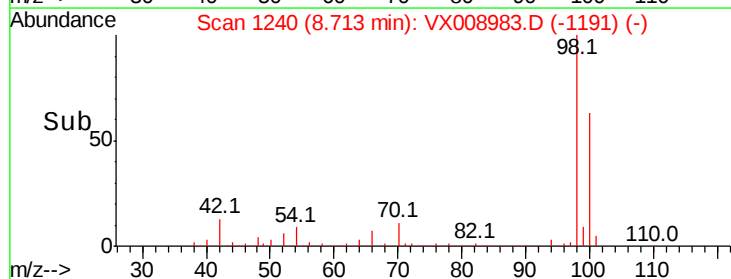
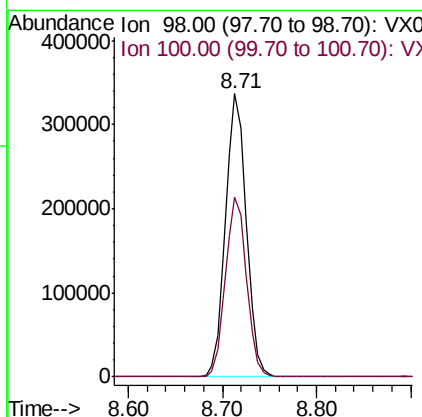
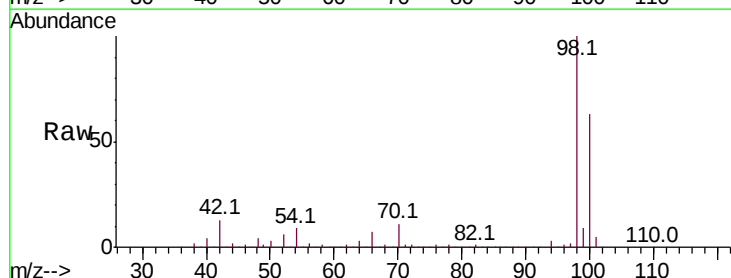
Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW130-190411

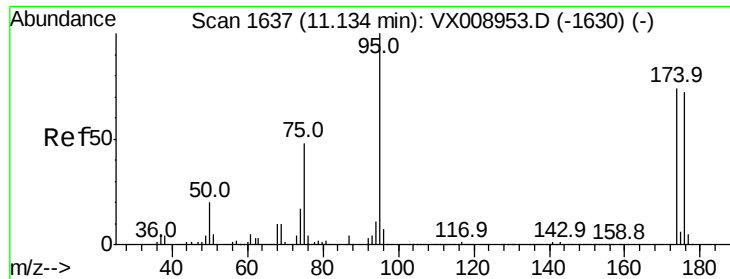
Tot Ion:130 Resp: 6503
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 203.2



#50
 Toluene-d8
 Concen: 48.599 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008983.D
 Acq: 16 Apr 2019 13:32

Tgt Ion: 98 Resp: 517664
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 46.029 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008983.D

Acq: 16 Apr 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW130-190411

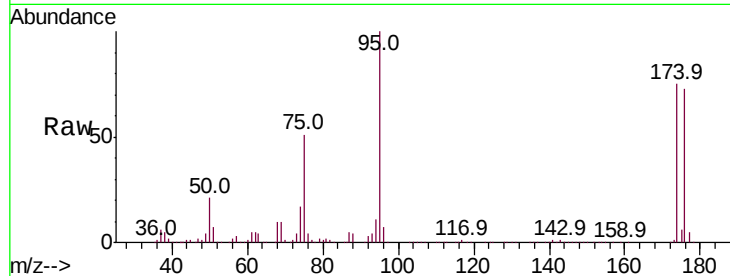
Tot Ion: 95 Resp: 173071

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 77.2 0.0 154.8

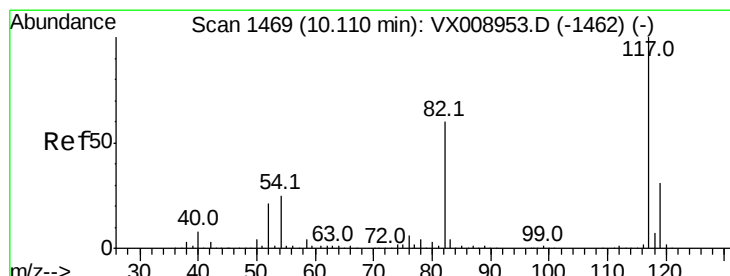
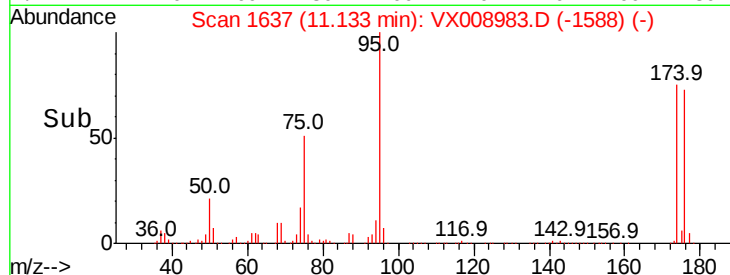


Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008983.D

Acq: 16 Apr 2019 13:32

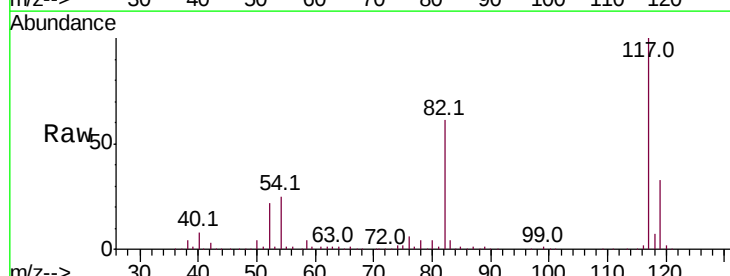
Tgt Ion: 117 Resp: 360685

Ion Ratio Lower Upper

117 100

82 60.6 48.2 72.4

119 32.6 25.0 37.6

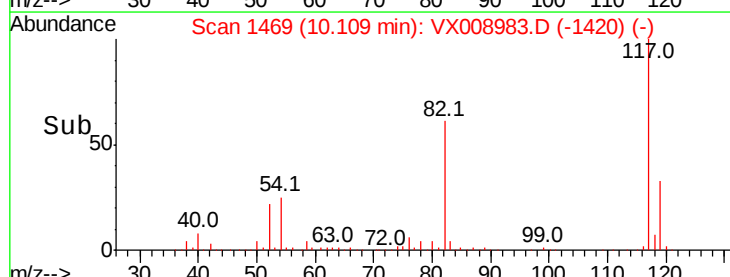


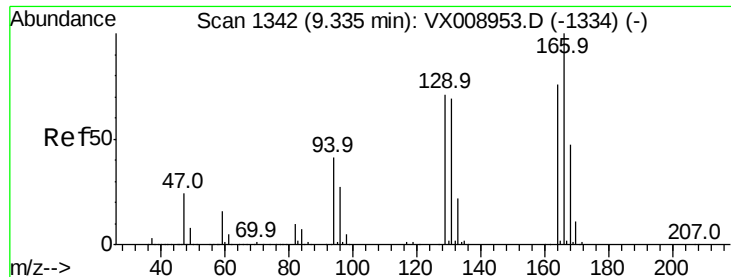
Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.908 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008983.D

Acq: 16 Apr 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW130-190411

Tot Ion:164 Resp: 2487

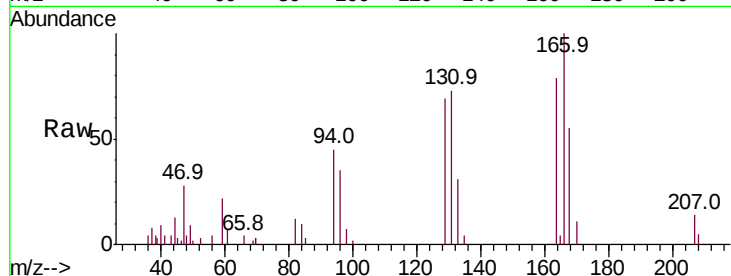
Ion Ratio Lower Upper

164 100

166 126.9 105.0 157.4

129 87.7 74.2 111.4

131 92.8 72.2 108.2

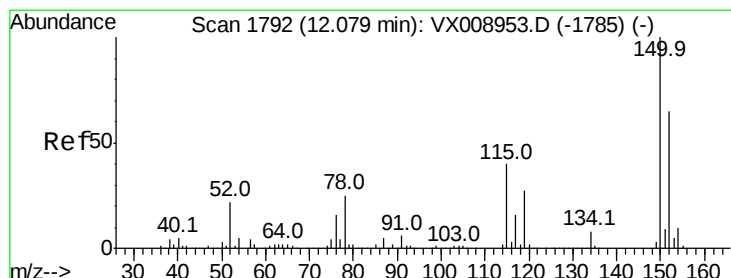
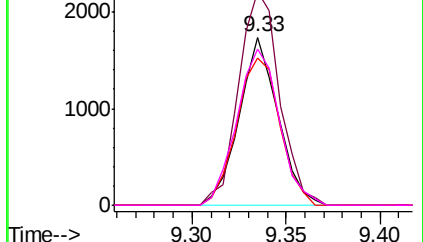
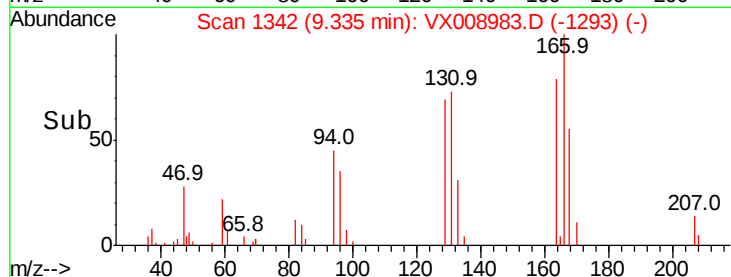


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008983.D

Acq: 16 Apr 2019 13:32

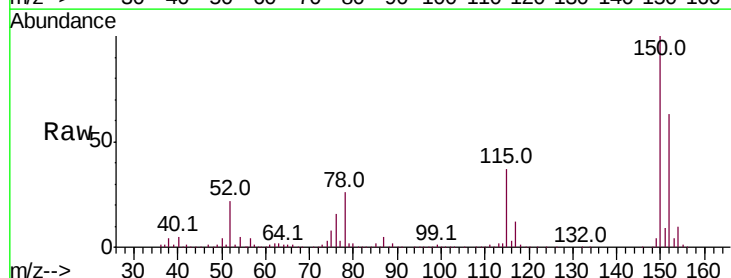
Tgt Ion:152 Resp: 152565

Ion Ratio Lower Upper

152 100

115 59.2 41.4 124.2

150 157.4 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

