

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009117.D
 Acq On : 23 Apr 2019 13:43
 Operator : JC/SP
 Sample : K2537-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS039MW002-190422

Quant Time: Apr 24 05:24:27 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

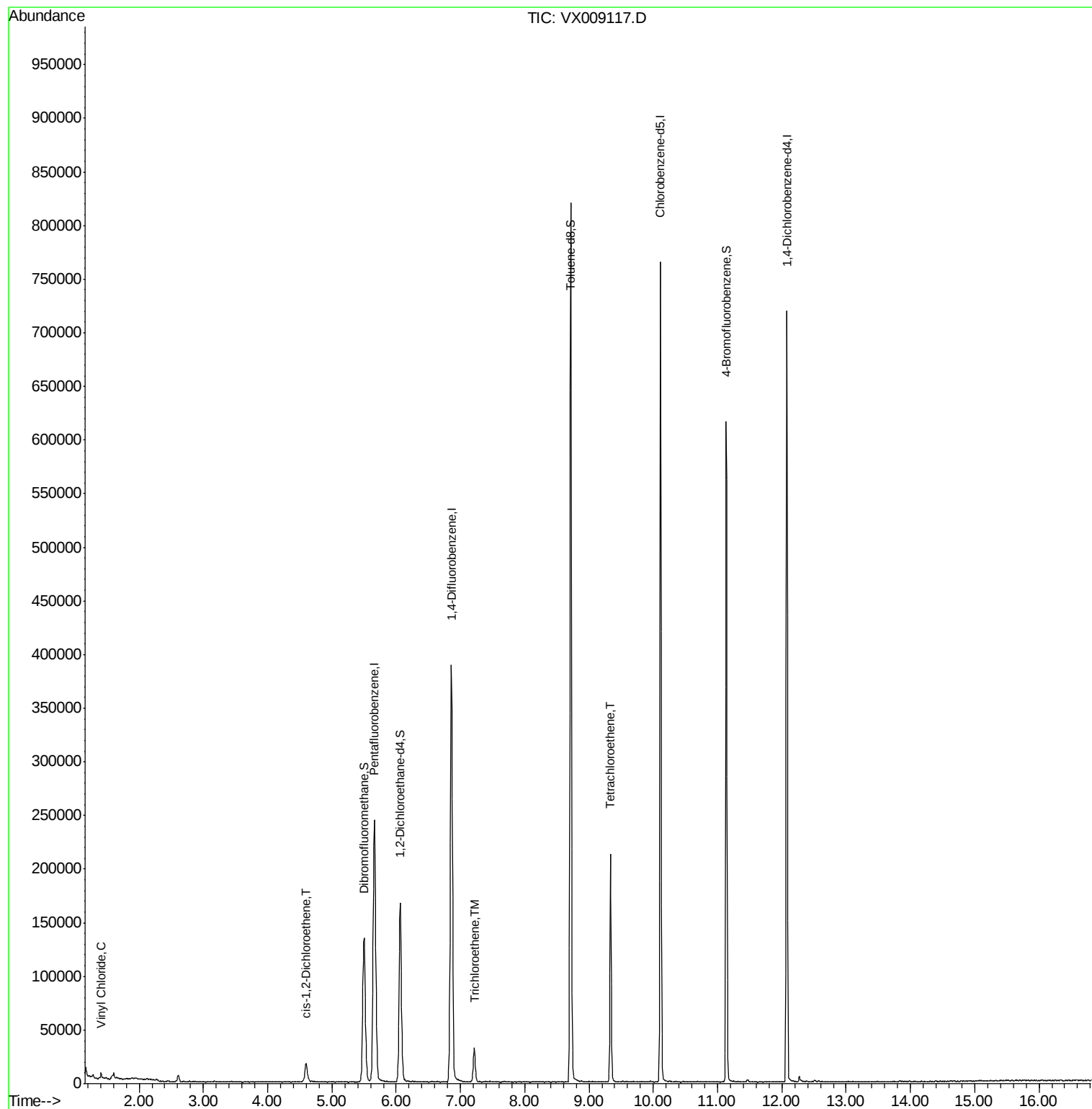
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	156574	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	5.50	113	116392	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	485273	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	159645	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds						
4) Vinyl Chloride	1.41	62	3430	1.041	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	10788	3.470	ug/l	93
44) Trichloroethene	7.21	130	12042	4.176	ug/l	93
64) Tetrachloroethene	9.34	164	41156	16.041	ug/l	99

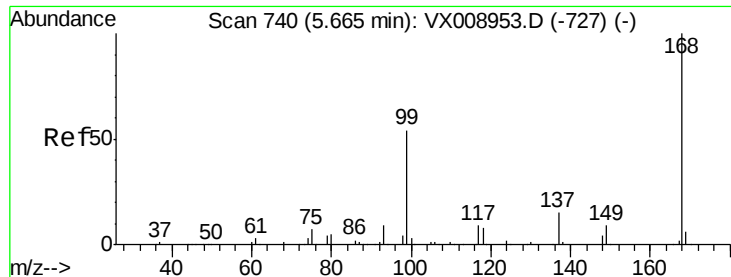
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009117.D

Acq: 23 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

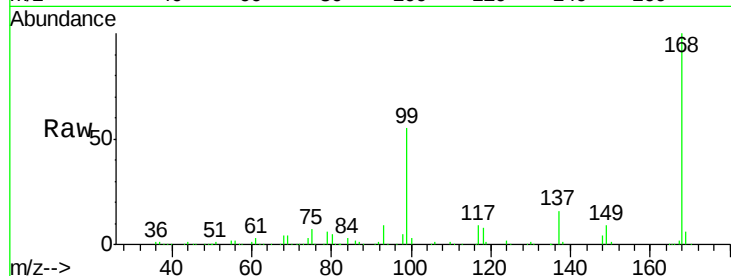
SS039MW002-190422

Tot Ion:168 Resp: 239392

Ion Ratio Lower Upper

168 100

99 54.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

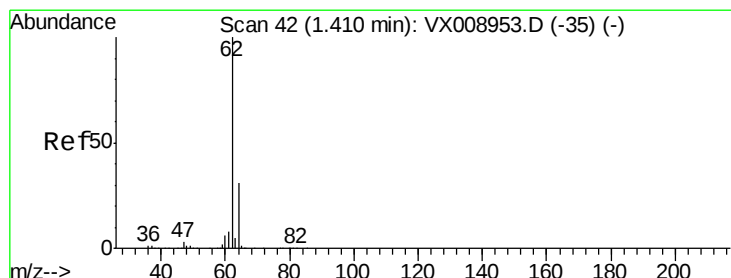
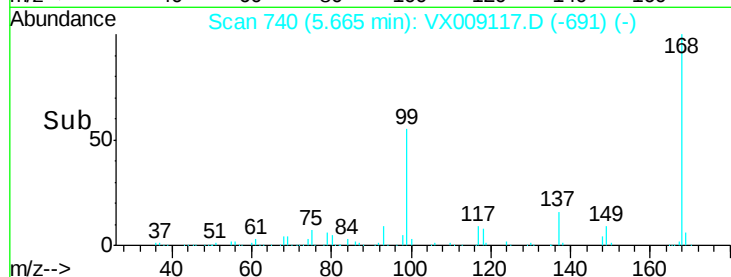
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.041 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009117.D

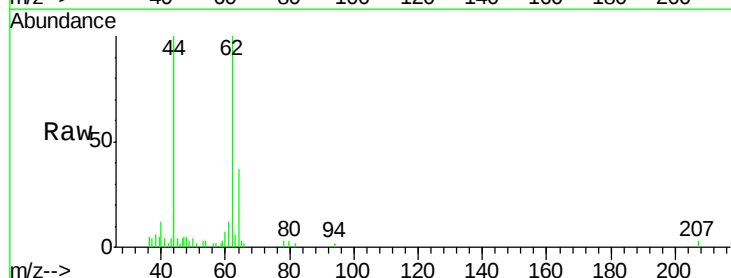
Acq: 23 Apr 2019 13:43

Tgt Ion: 62 Resp: 3430

Ion Ratio Lower Upper

62 100

64 33.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

3000

2500

2000

1500

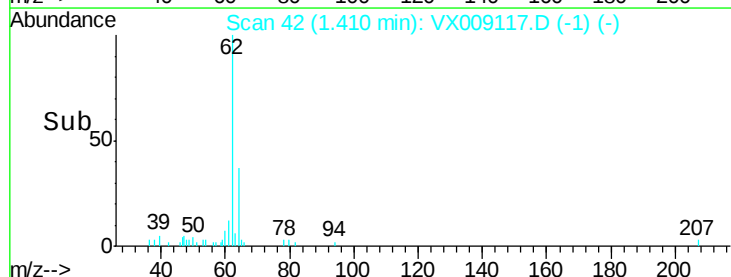
1000

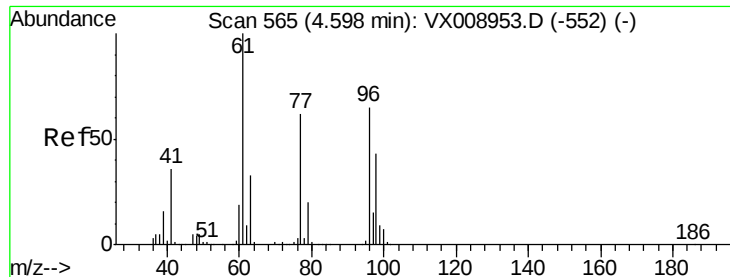
500

0

Time-->

1.35 1.40 1.45



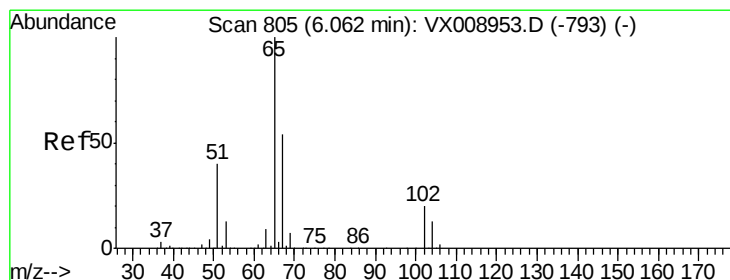
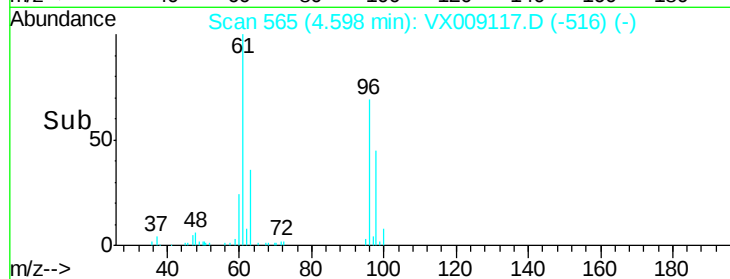
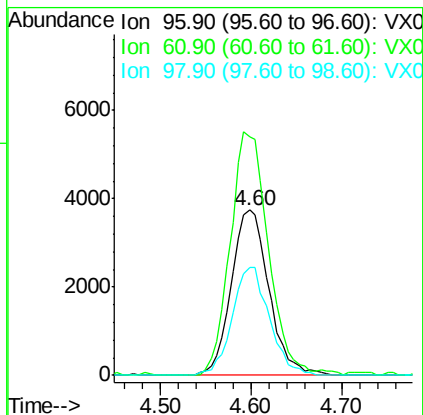
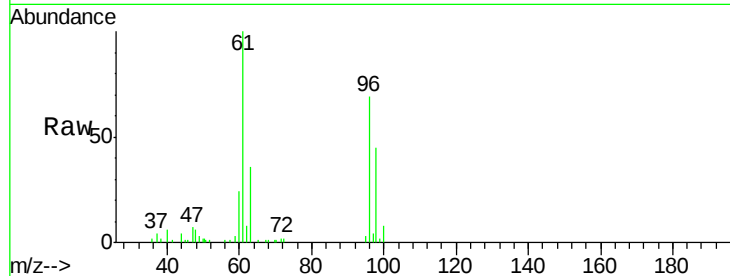


#27

cis-1,2-Dichloroethene
 Concen: 3.470 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009117.D
 Acq: 23 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS039MW002-190422

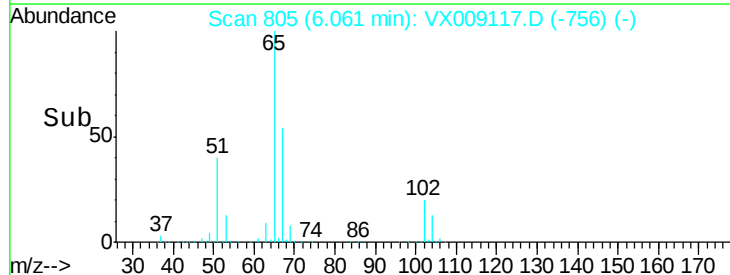
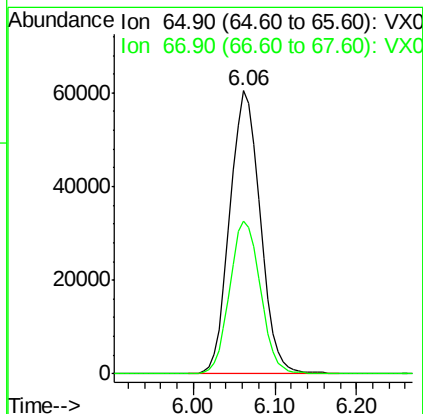
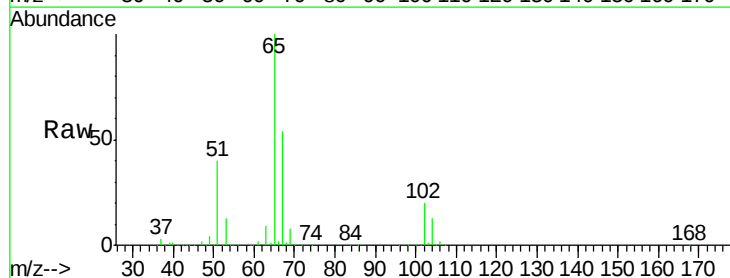
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	322.0
98	64.7	0.0	128.4

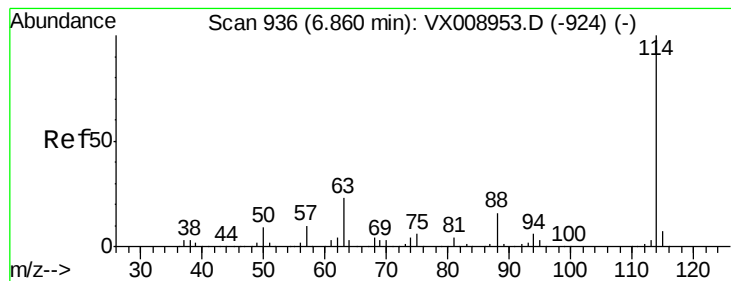


#33

1,2-Dichloroethane-d4
 Concen: 46.410 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009117.D
 Acq: 23 Apr 2019 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	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: VX009117.D

Acq: 23 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

SS039MW002-190422

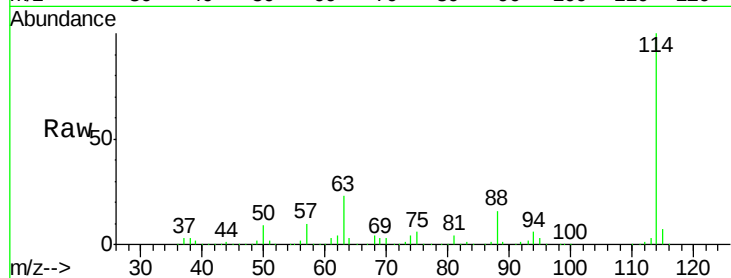
Tot Ion:114 Resp: 385777

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

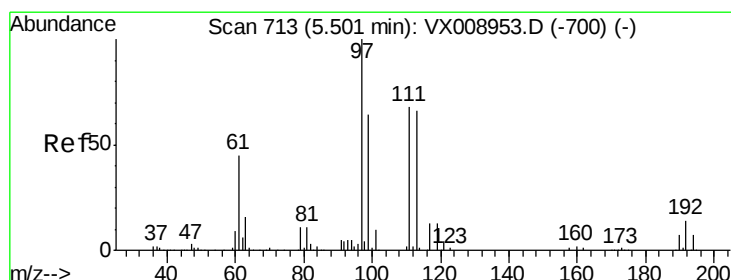
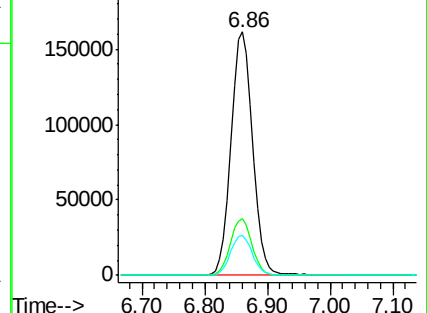
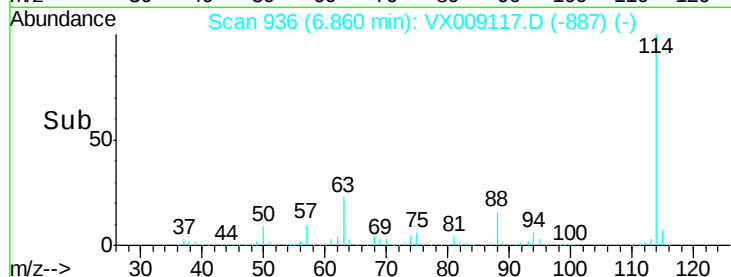
88 16.3 0.0 32.6



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: 47.011 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009117.D

Acq: 23 Apr 2019 13:43

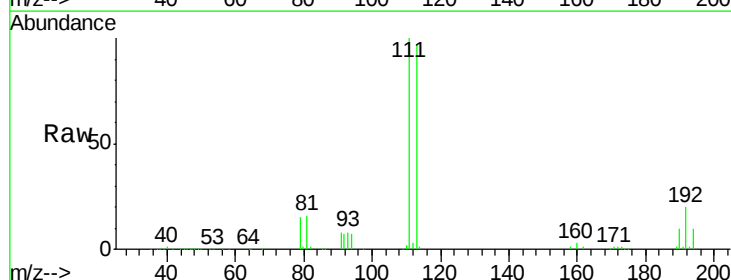
Tgt Ion:113 Resp: 116392

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

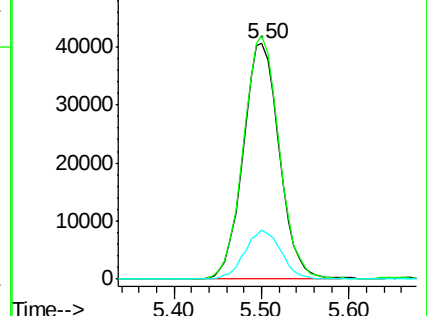
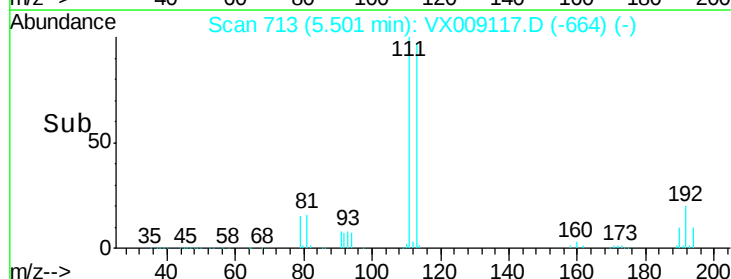
192 20.9 17.4 26.0

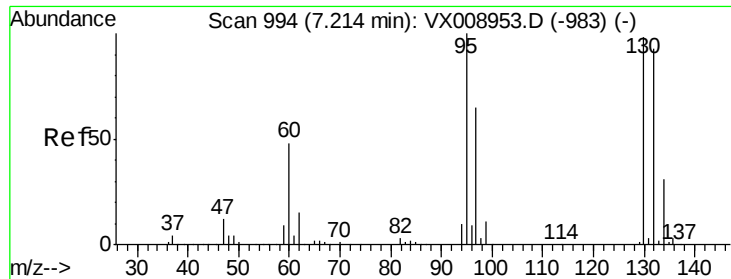


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

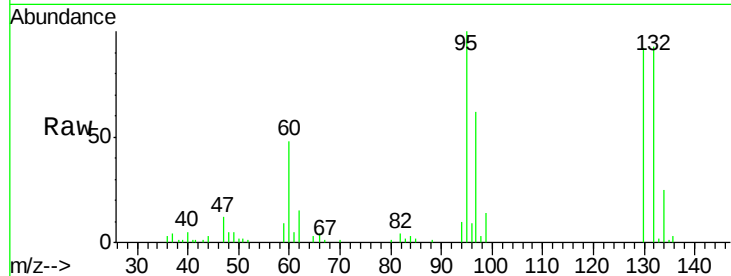




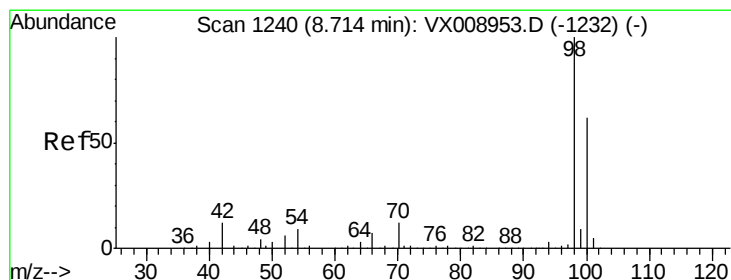
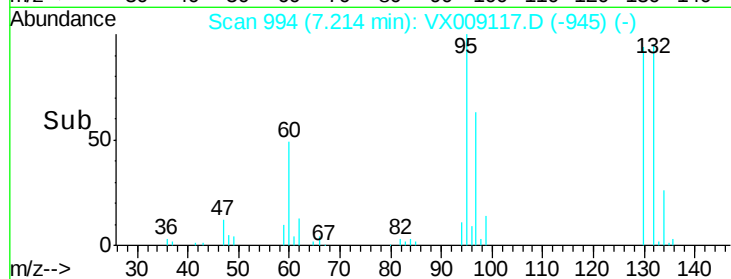
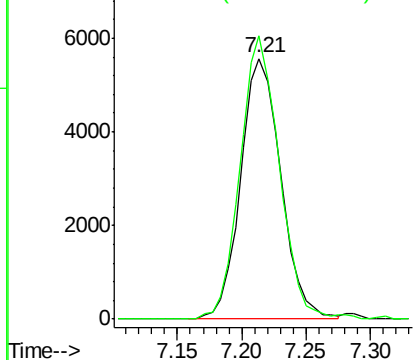
#44
 Trichloroethene
 Concen: 4.176 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009117.D
 Acq: 23 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS039MW002-190422

Tot Ion:130 Resp: 12042
 Ion Ratio Lower Upper
 130 100
 95 108.6 0.0 203.2

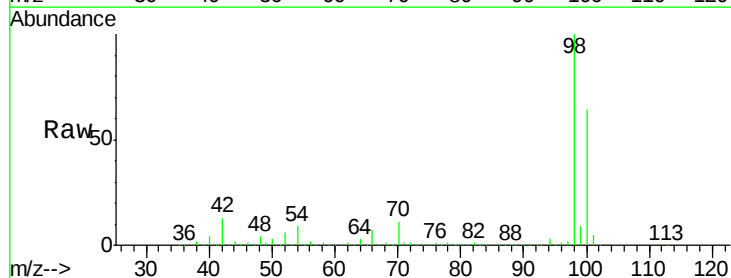


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

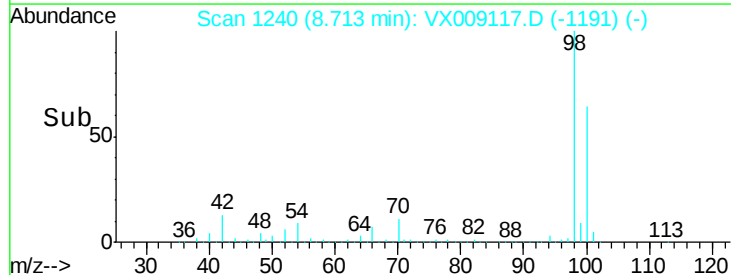
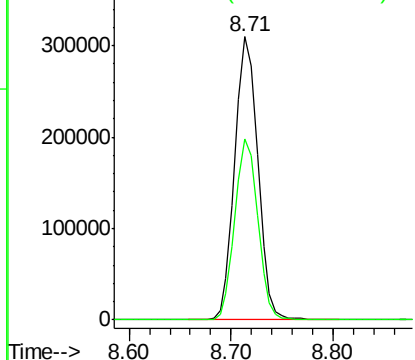


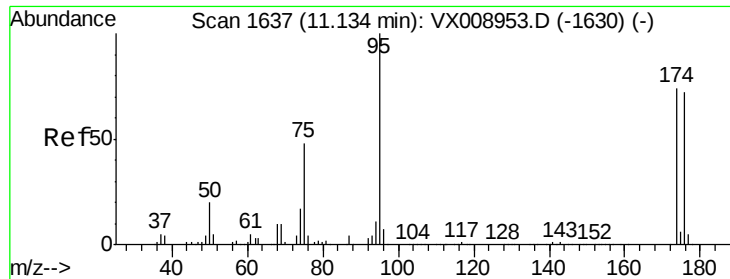
#50
 Toluene-d8
 Concen: 49.148 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009117.D
 Acq: 23 Apr 2019 13:43

Tgt Ion: 98 Resp: 485273
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.2



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





#62

4-Bromofluorobenzene

Concen: 45.803 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009117.D

Acq: 23 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

SS039MW002-190422

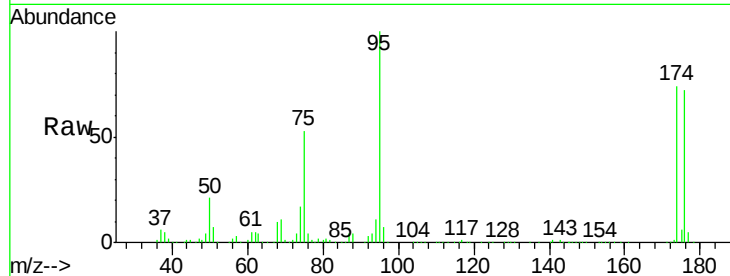
Tot Ion: 95 Resp: 159645

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

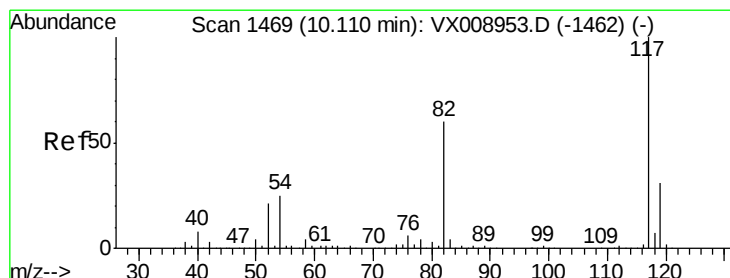
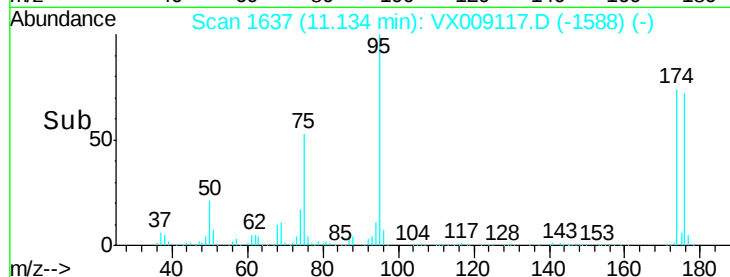
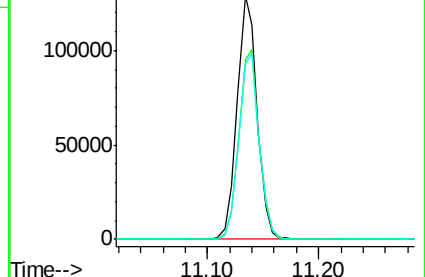
176 77.6 0.0 154.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009117.D

Acq: 23 Apr 2019 13:43

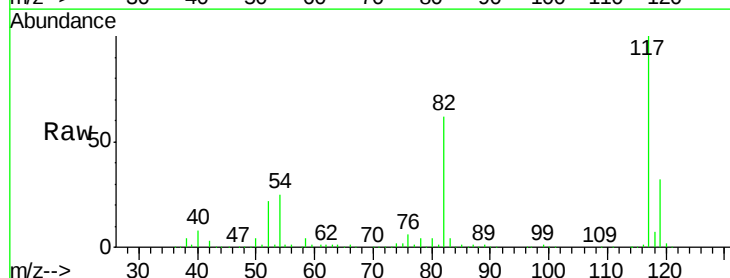
Tgt Ion: 117 Resp: 337736

Ion Ratio Lower Upper

117 100

82 62.2 48.2 72.4

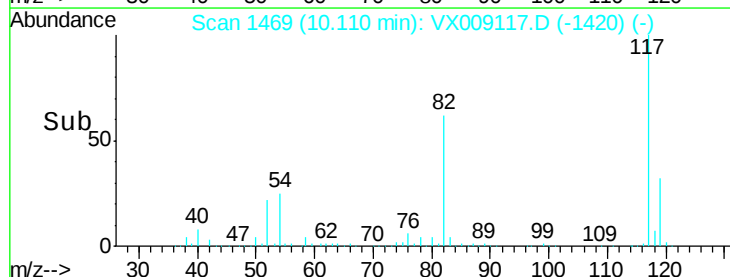
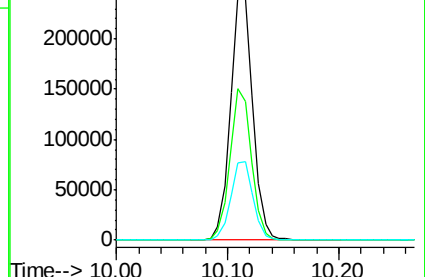
119 31.6 25.0 37.6

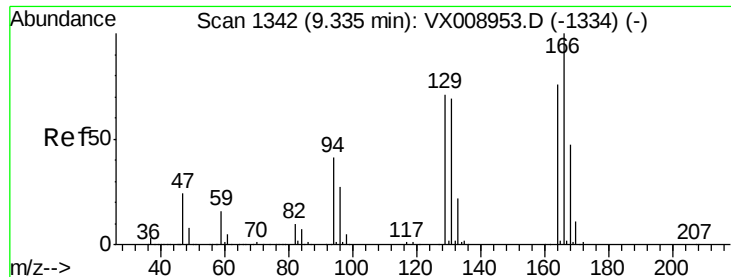


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

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

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





#64

Tetrachloroethene

Concen: 16.041 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009117.D

Acq: 23 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

SS039MW002-190422

Tot Ion:164 Resp: 41156

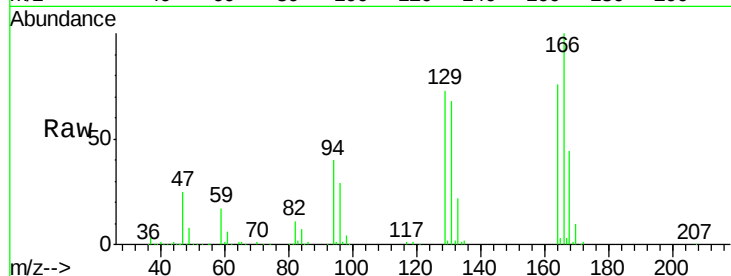
Ion Ratio Lower Upper

164 100

166 131.8 105.0 157.4

129 95.6 74.2 111.4

131 89.5 72.2 108.2

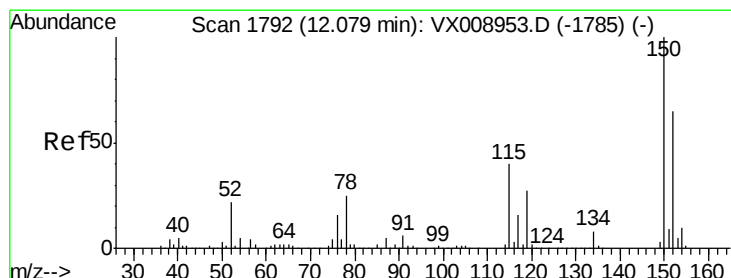
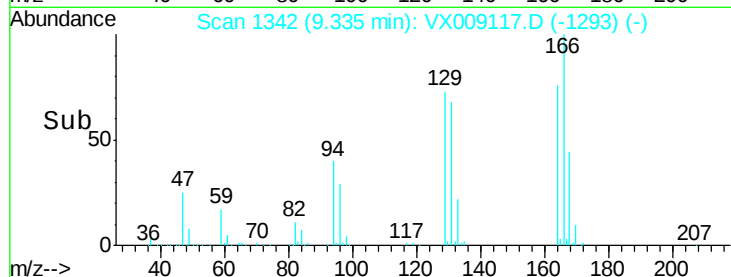
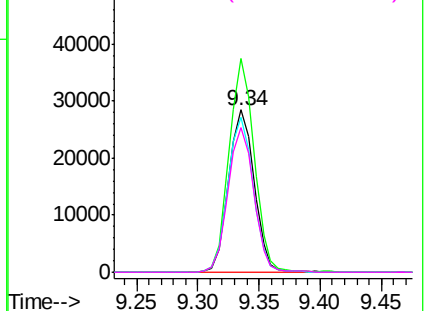


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009117.D

Acq: 23 Apr 2019 13:43

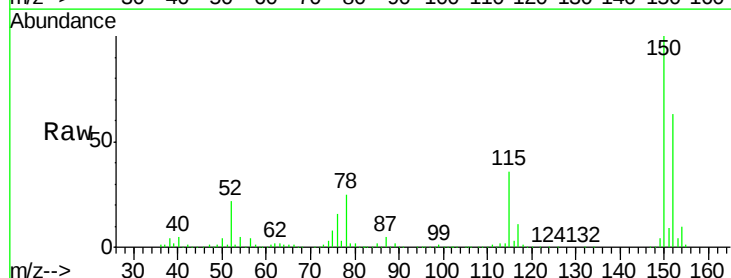
Tgt Ion:152 Resp: 144267

Ion Ratio Lower Upper

152 100

115 60.0 41.4 124.2

150 159.3 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

