

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008937.D
 Acq On : 13 Apr 2019 17:19
 Operator : JC/SP
 Sample : K2385-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW090-190411

Quant Time: Apr 15 13:10:19 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

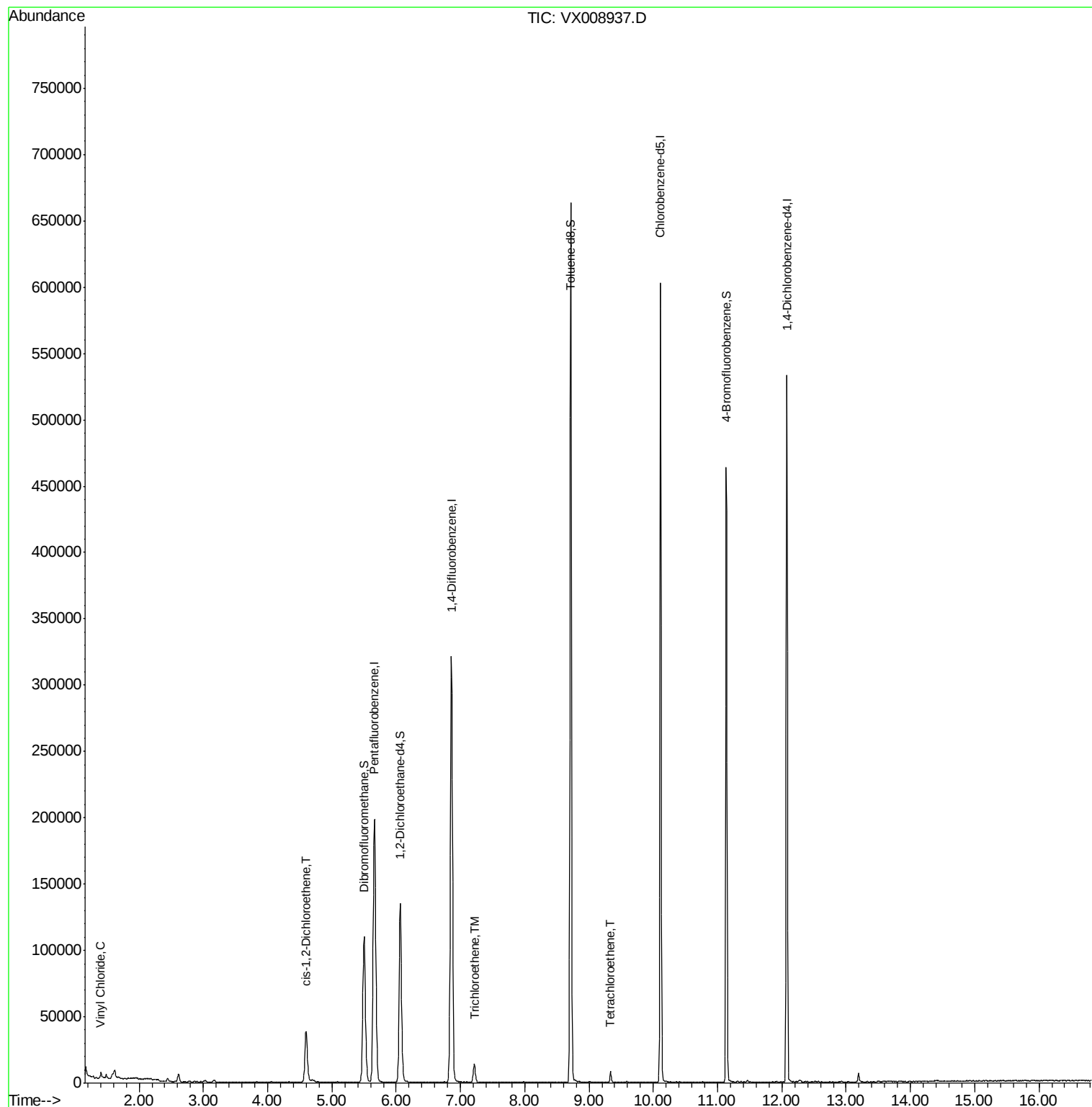
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128731	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
35) Dibromofluoromethane	5.50	113	95338	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	8.71	98	388267	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.13	95	123261	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2585	0.848	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	24724	8.775	ug/l	88
44) Trichloroethene	7.22	130	5354	2.237	ug/l	82
64) Tetrachloroethene	9.34	164	1393	0.708	ug/l	94

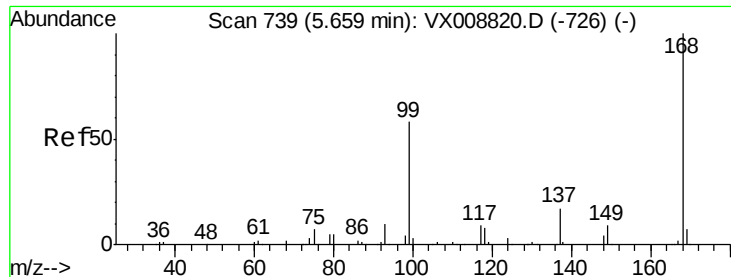
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008937.D

Acq: 13 Apr 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

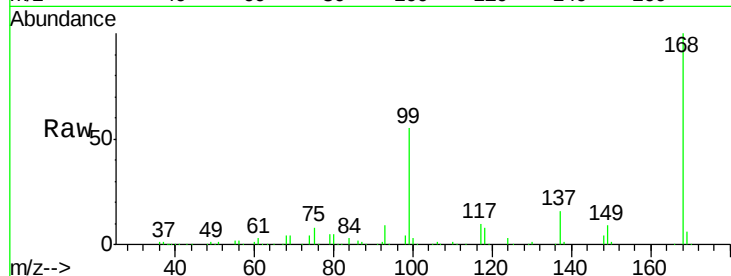
KY037MW090-190411

Tot Ion:168 Resp: 195979

Ion Ratio Lower Upper

168 100

99 55.0 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

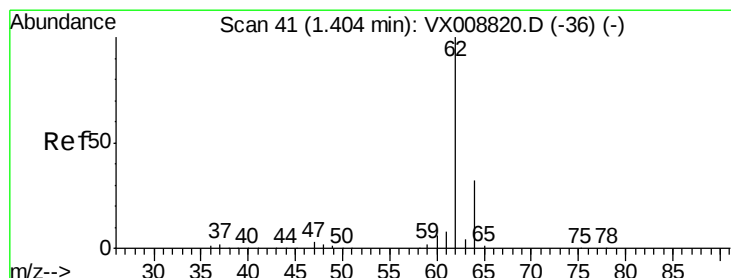
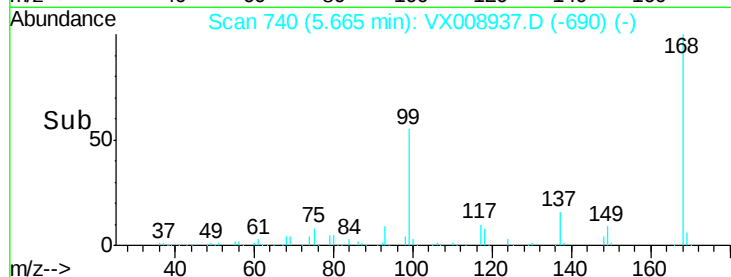
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.848 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008937.D

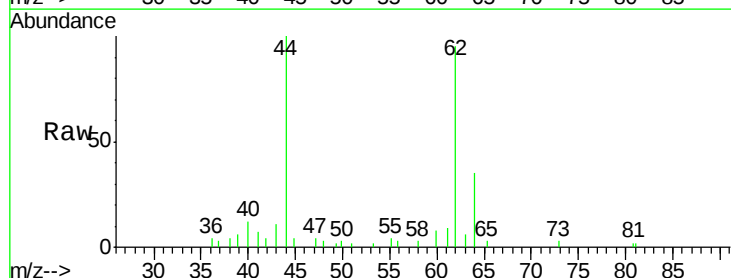
Acq: 13 Apr 2019 17:19

Tgt Ion: 62 Resp: 2585

Ion Ratio Lower Upper

62 100

64 36.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2500

2000

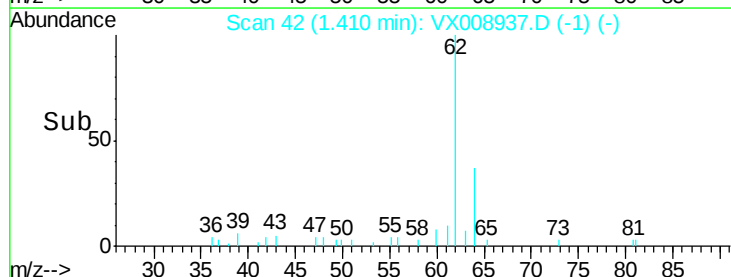
1500

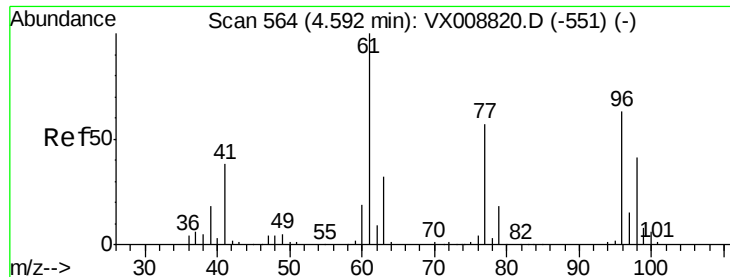
1000

500

0

Time--> 1.35 1.40 1.45



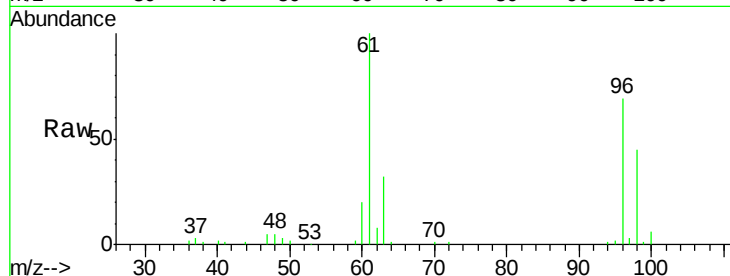


#27

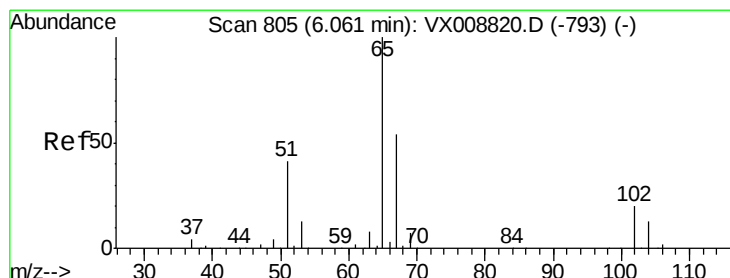
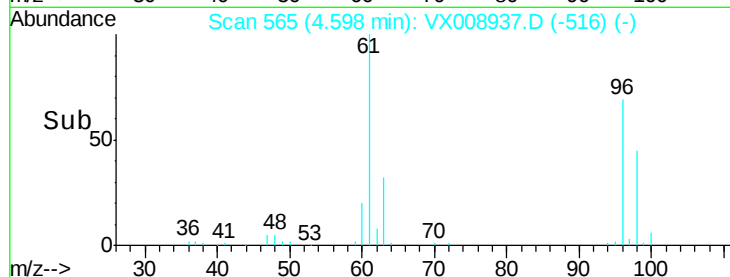
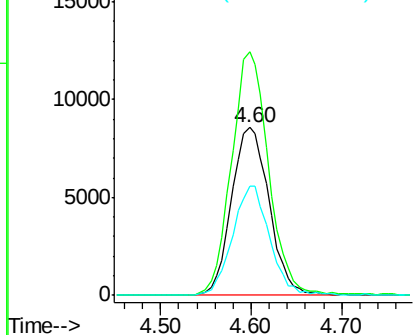
cis-1,2-Dichloroethene
Concen: 8.775 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008937.D
Acq: 13 Apr 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
KY037MW090-190411

Tot Ion: 96 Resp: 24724
Ion Ratio Lower Upper
96 100
61 141.8 0.0 327.6
98 64.1 0.0 128.6



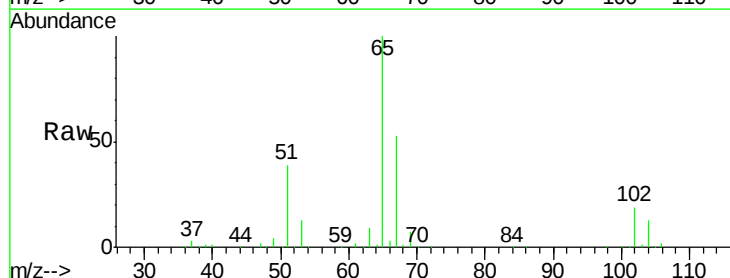
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



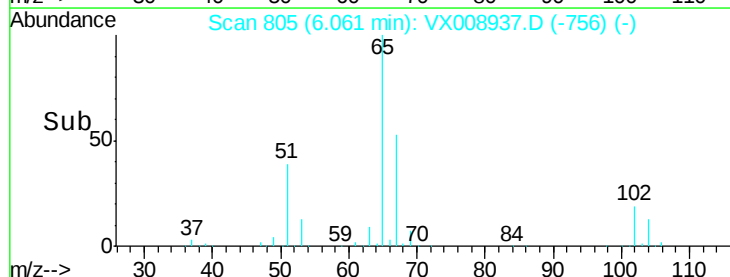
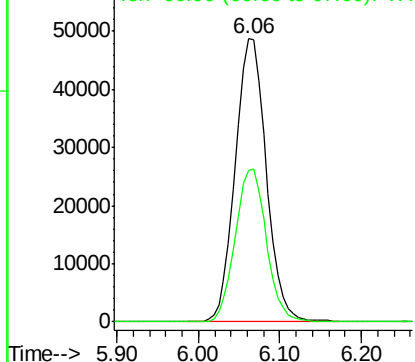
#33

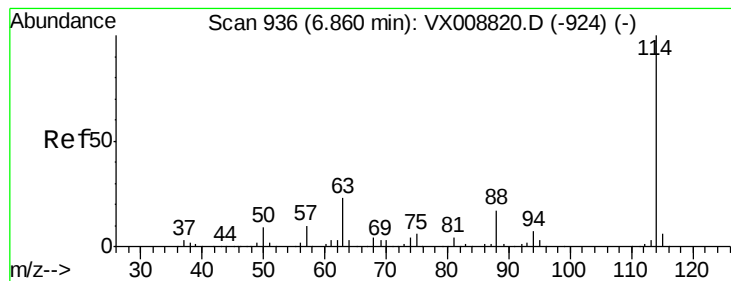
1,2-Dichloroethane-d4
Concen: 45.035 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008937.D
Acq: 13 Apr 2019 17:19

Tgt Ion: 65 Resp: 128731
Ion Ratio Lower Upper
65 100
67 54.0 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: VX008937.D

Acq: 13 Apr 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-190411

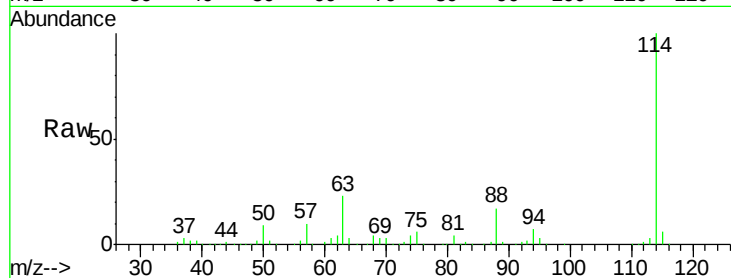
Tot Ion:114 Resp: 315596

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

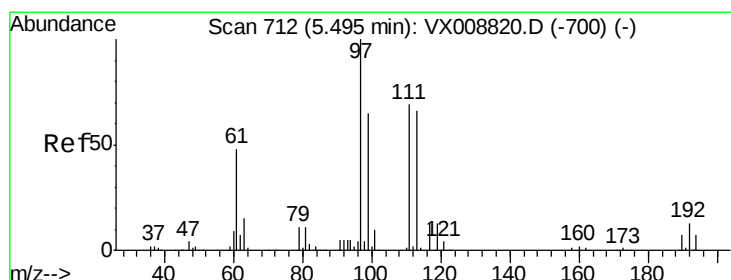
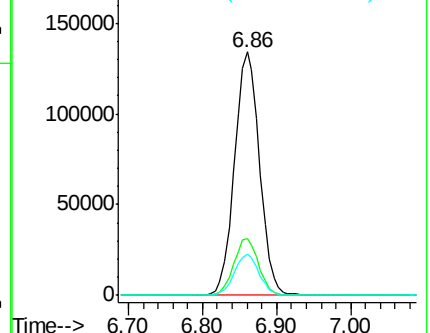
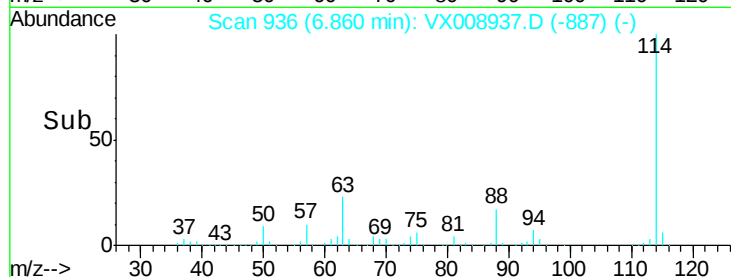
88 16.8 0.0 34.0



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: 47.248 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008937.D

Acq: 13 Apr 2019 17:19

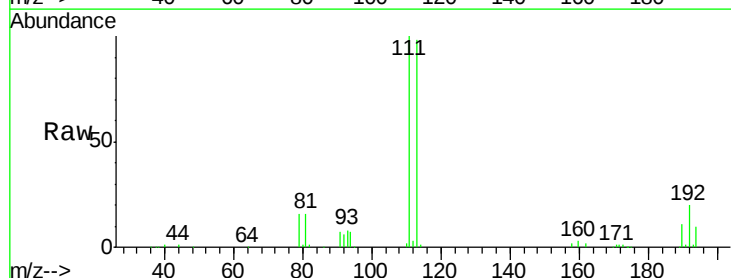
Tgt Ion:113 Resp: 95338

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

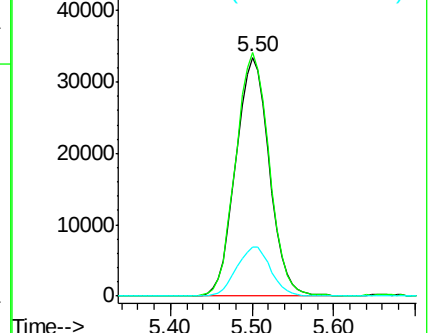
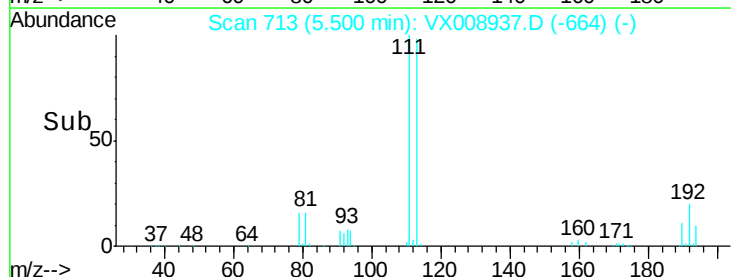
192 21.0 16.1 24.1

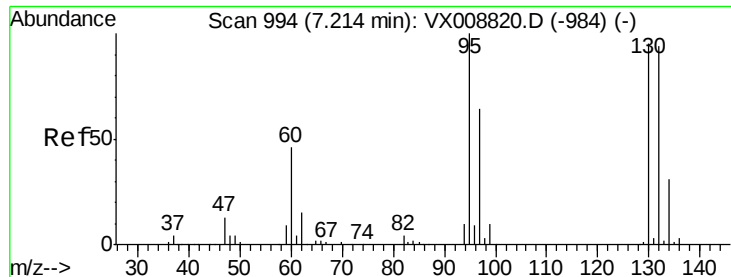


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

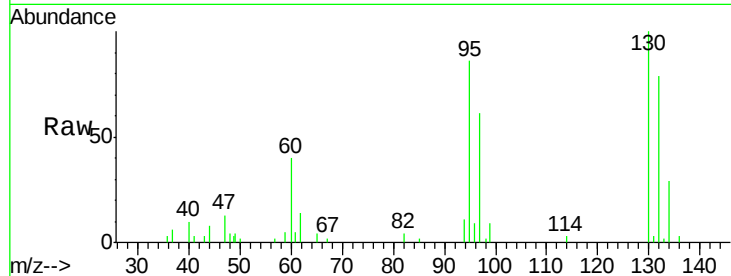




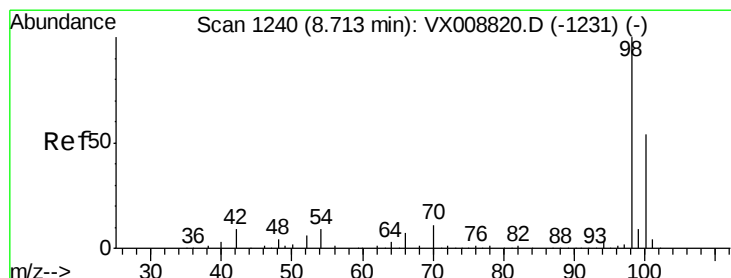
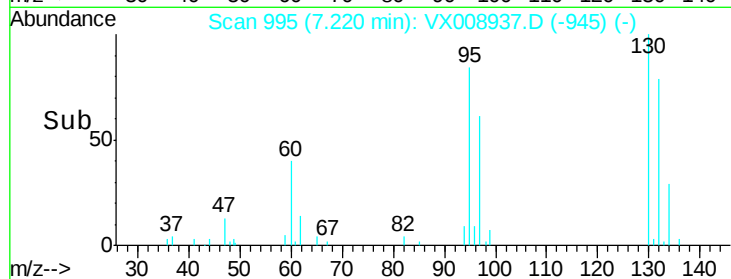
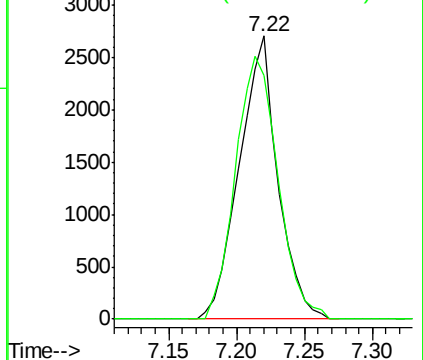
#44
 Trichloroethene
 Concen: 2.237 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX008937.D
 Acq: 13 Apr 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW090-190411

Tot Ion:130 Resp: 5354
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 209.8

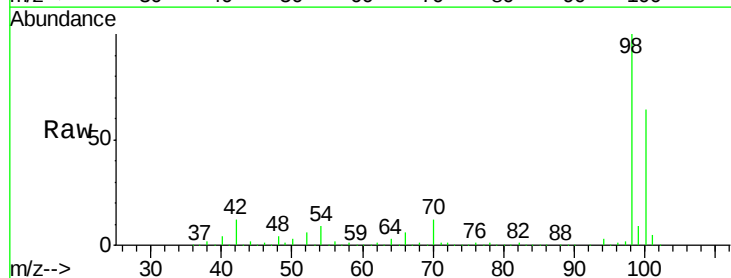


Abundance Ion 129.80 (129.50 to 130.50): V

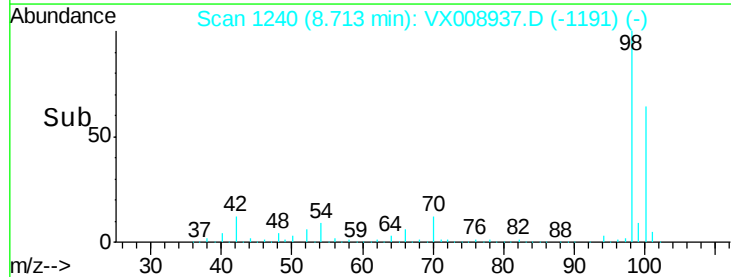
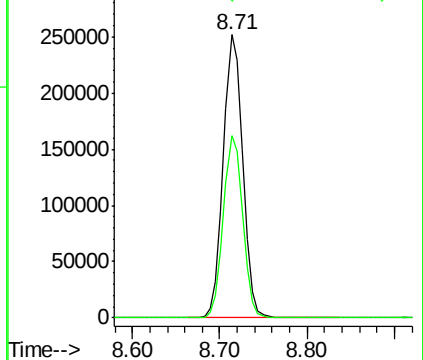


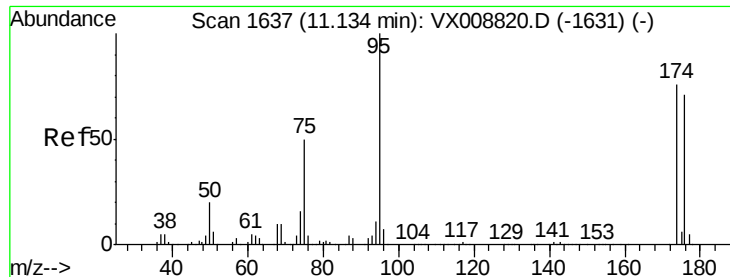
#50
 Toluene-d8
 Concen: 48.326 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008937.D
 Acq: 13 Apr 2019 17:19

Tgt Ion: 98 Resp: 388267
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.263 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008937.D

Acq: 13 Apr 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-190411

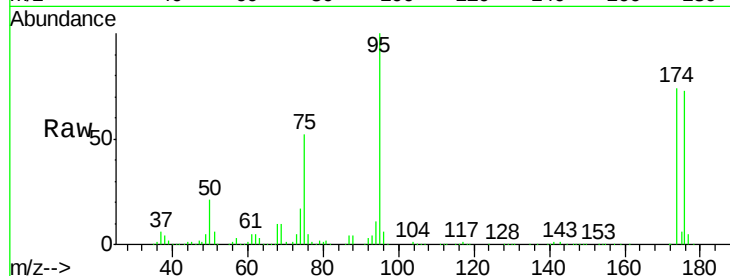
Tot Ion: 95 Resp: 123261

Ion Ratio Lower Upper

95 100

174 79.3 0.0 151.8

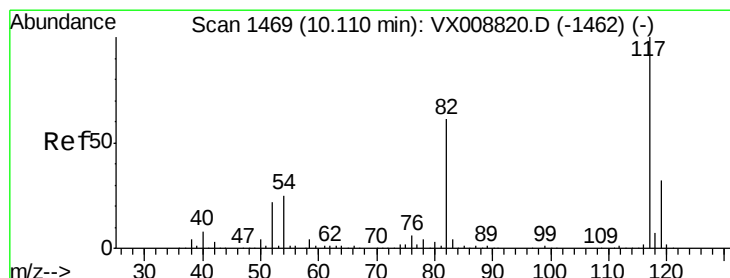
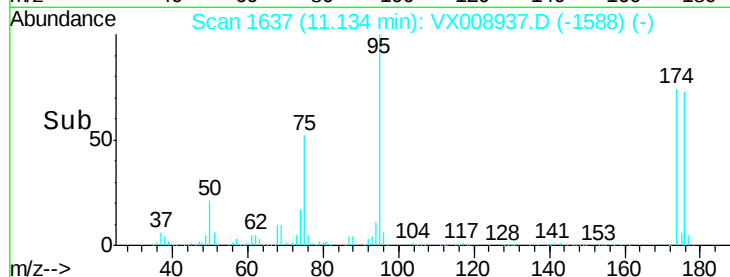
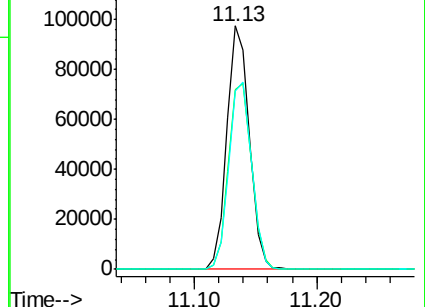
176 78.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008937.D

Acq: 13 Apr 2019 17:19

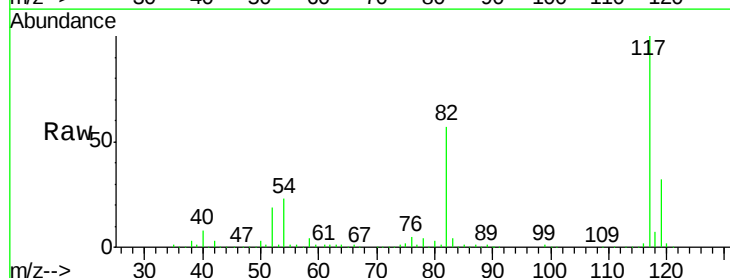
Tgt Ion: 117 Resp: 265546

Ion Ratio Lower Upper

117 100

82 57.4 49.6 74.4

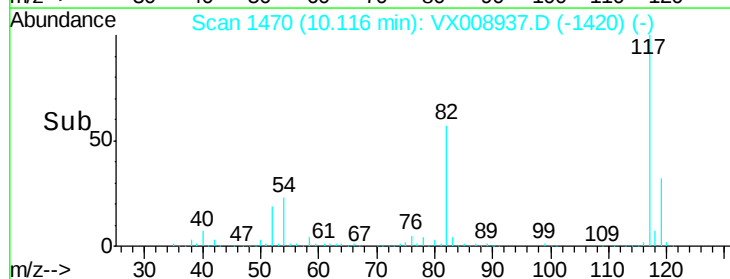
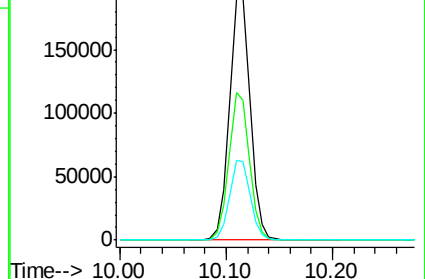
119 32.5 25.0 37.4

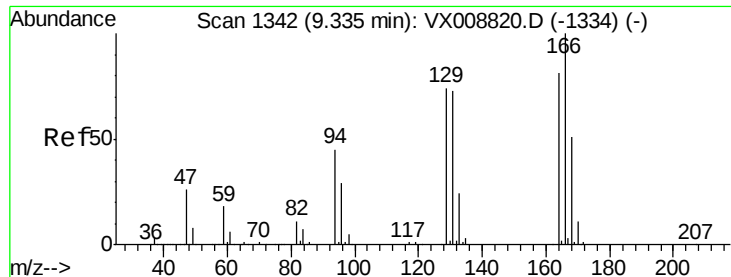


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.708 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008937.D

Acq: 13 Apr 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-190411

Tot Ion:164 Resp: 1393

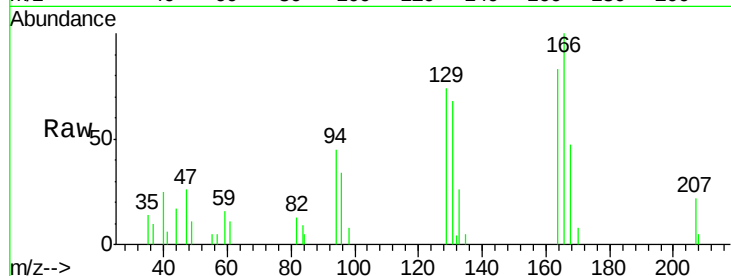
Ion Ratio Lower Upper

164 100

166 121.1 101.0 151.6

129 89.7 75.8 113.8

131 81.9 71.8 107.8

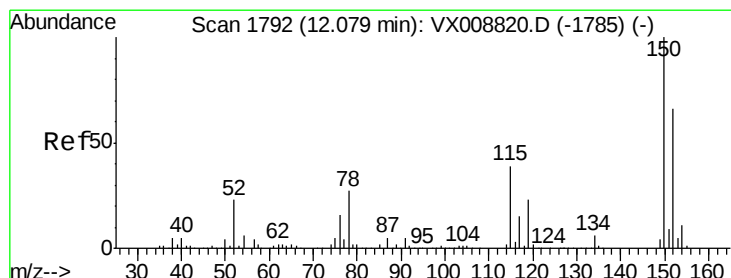
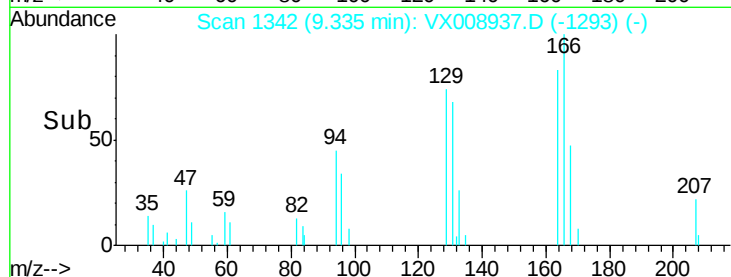
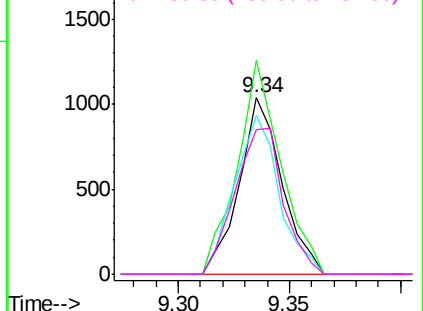


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008937.D

Acq: 13 Apr 2019 17:19

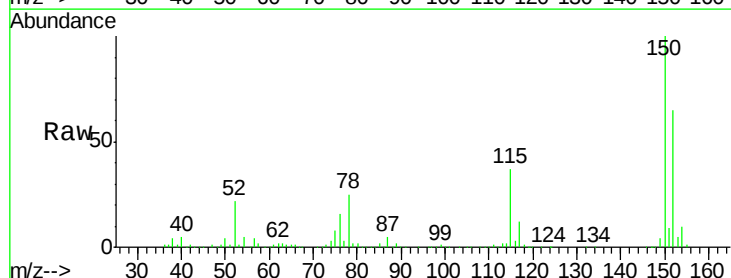
Tgt Ion:152 Resp: 110175

Ion Ratio Lower Upper

152 100

115 59.0 43.5 130.5

150 154.2 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

