

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009026.D
 Acq On : 17 Apr 2019 19:41
 Operator : JC/SP
 Sample : K2449-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-190415

Quant Time: Apr 18 04:10:11 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

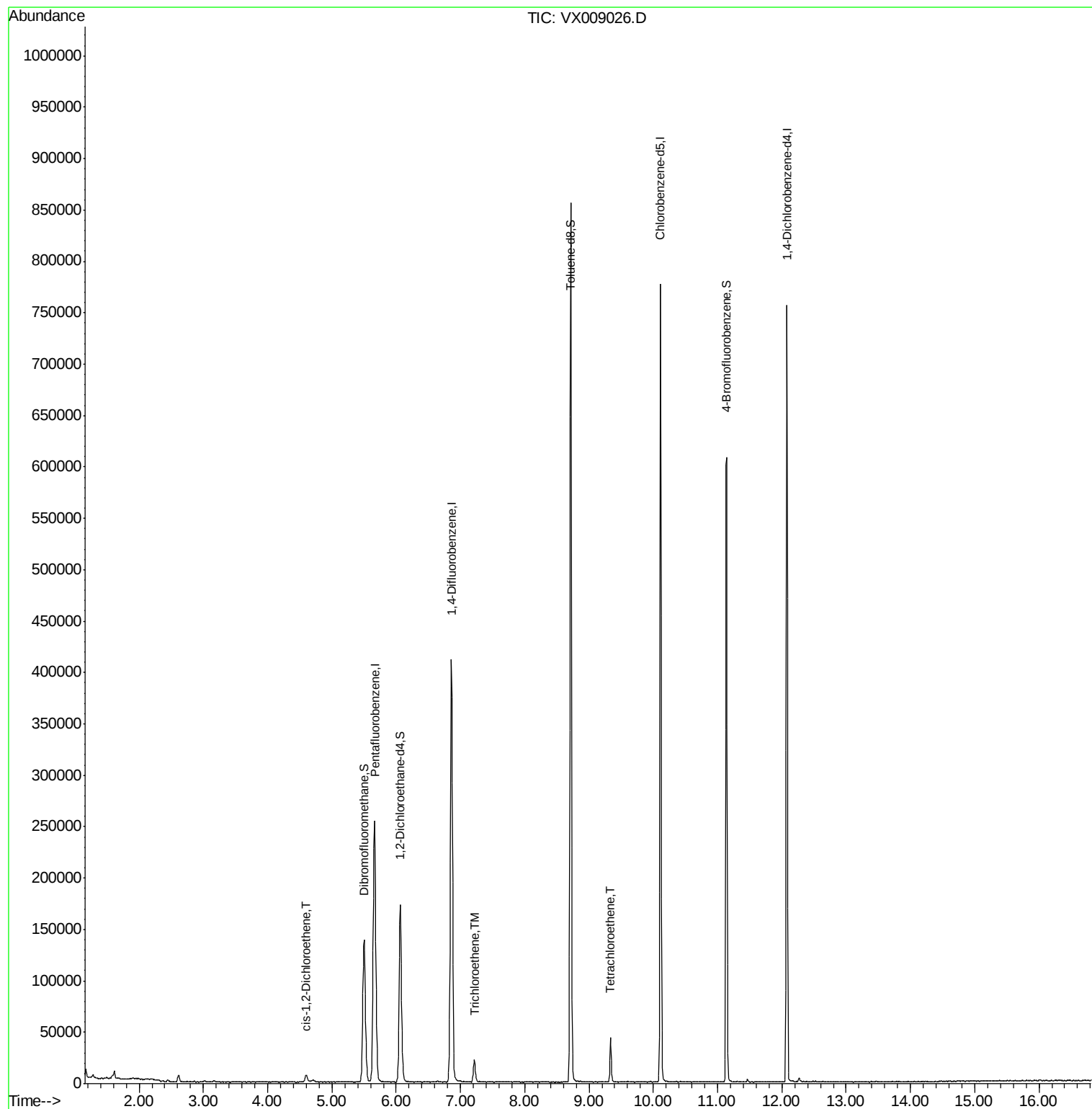
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163486	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	119392	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
50) Toluene-d8	8.71	98	496210	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	166256	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	4339	1.344	ug/l	87
44) Trichloroethene	7.21	130	8288	2.771	ug/l	100
64) Tetrachloroethene	9.34	164	8291	3.132	ug/l	98

(#) = 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. -0.00 min

Lab File: VX009026.D

Acq: 17 Apr 2019 19:41

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MSVOA_X

ClientSampleId :

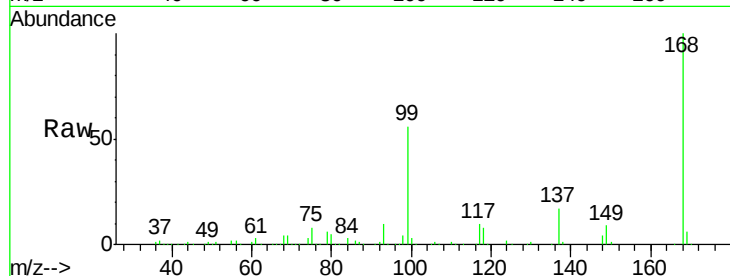
KY037MW144-190415

Tot Ion:168 Resp: 248566

Ion Ratio Lower Upper

168 100

99 56.5 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

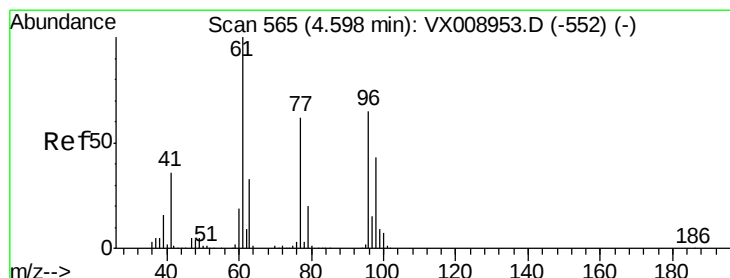
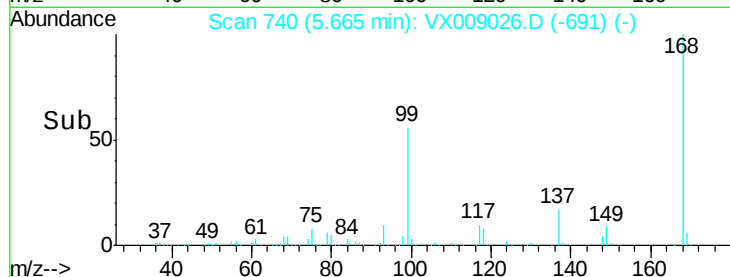
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.344 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009026.D

Acq: 17 Apr 2019 19:41

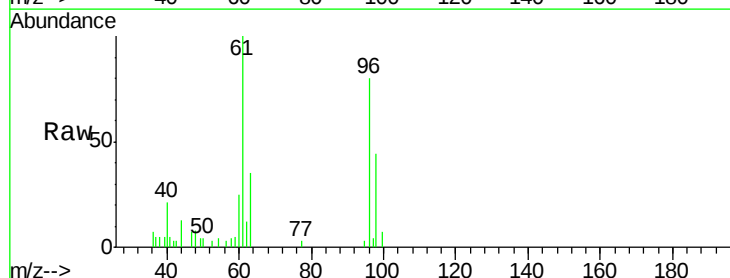
Tgt Ion: 96 Resp: 4339

Ion Ratio Lower Upper

96 100

61 136.6 0.0 322.0

98 63.4 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

2500

2000

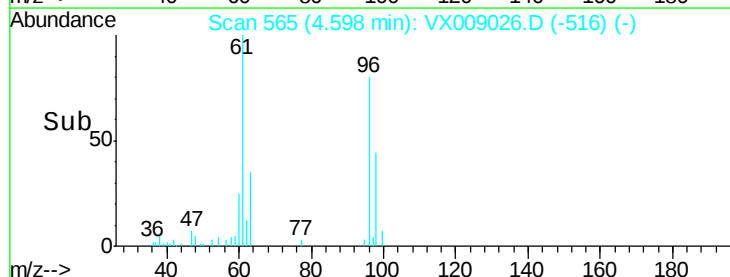
1500

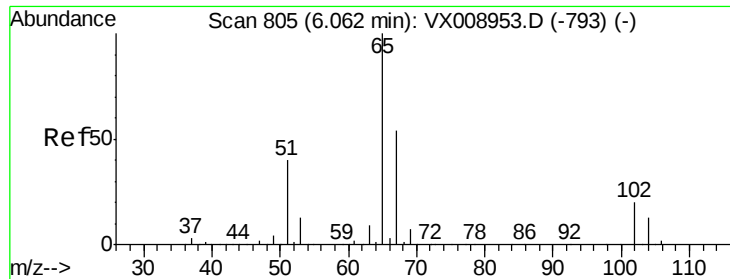
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70

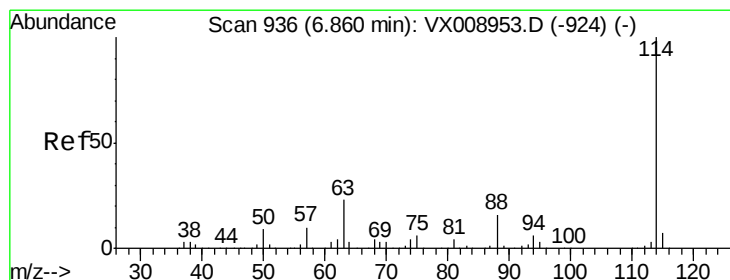
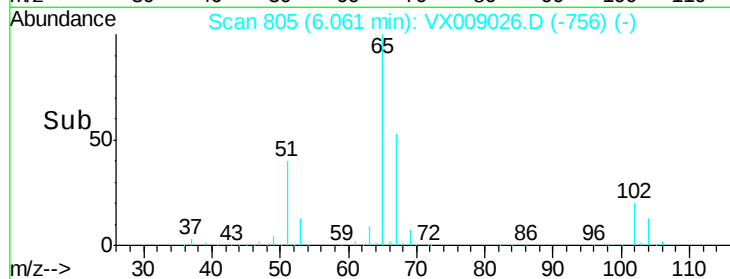
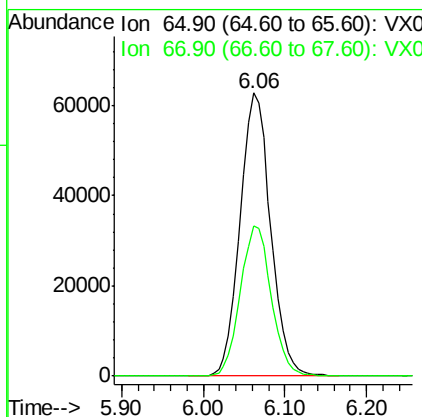
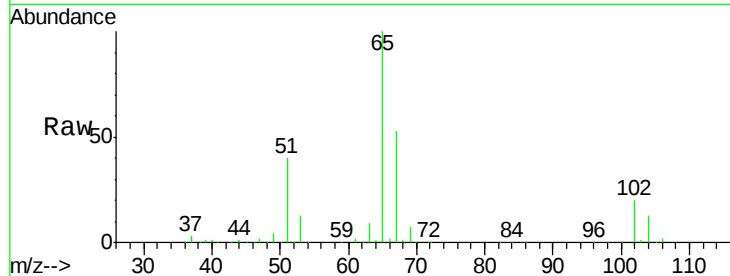




#33
 1,2-Dichloroethane-d4
 Concen: 46.670 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009026.D
 Acq: 17 Apr 2019 19:41

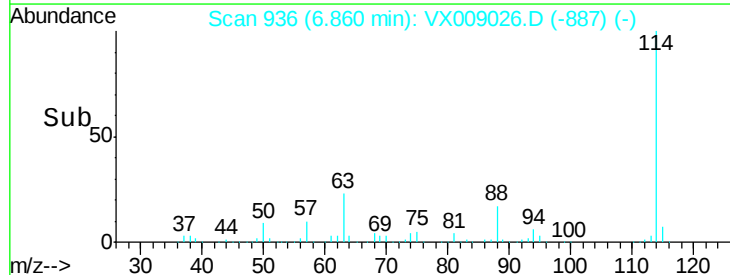
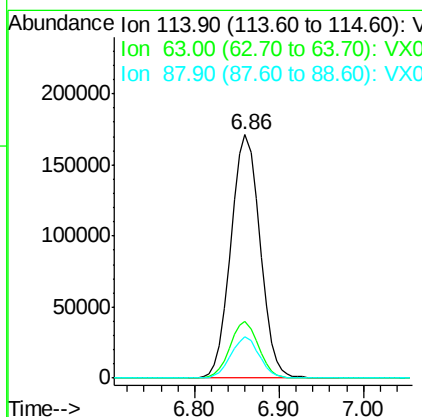
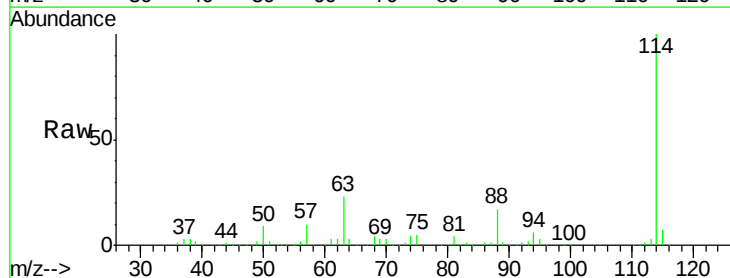
Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-190415

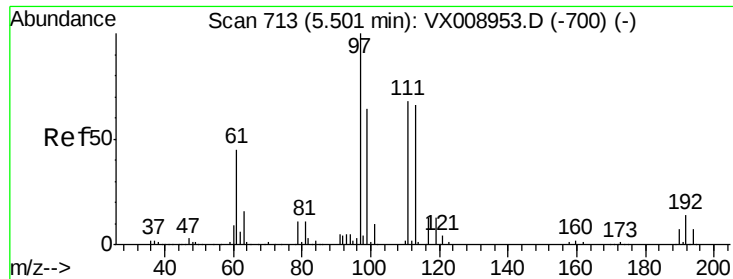
Tot Ion: 65 Resp: 163486
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009026.D
 Acq: 17 Apr 2019 19:41

Tgt Ion: 114 Resp: 400154
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 16.9 0.0 32.6

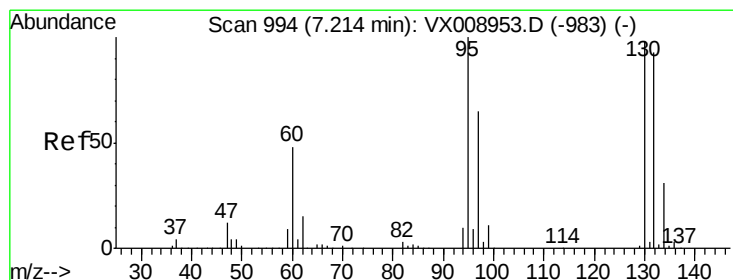
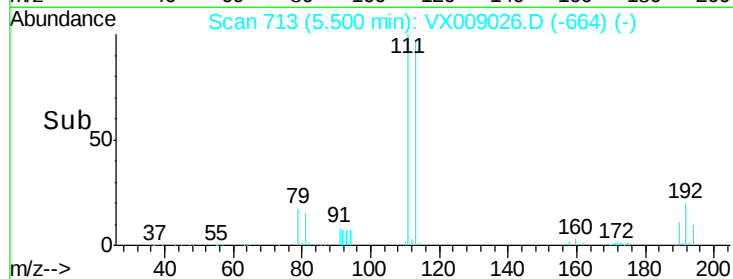
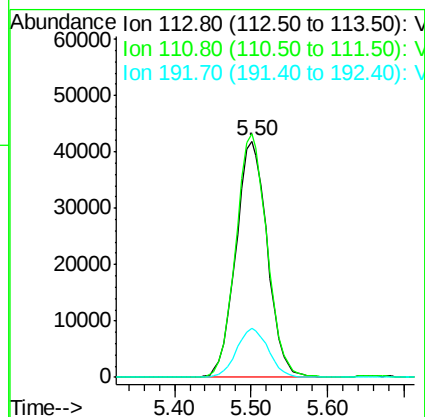
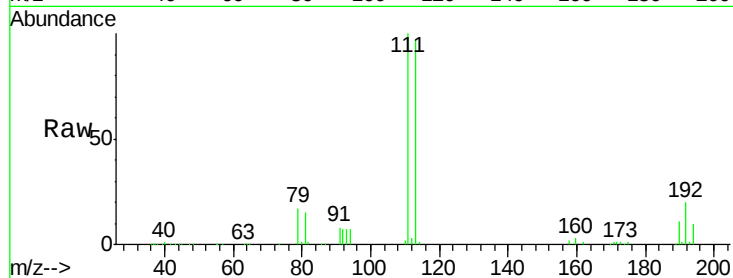




#35
 Dibromofluoromethane
 Concen: 46.491 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009026.D
 Acq: 17 Apr 2019 19:41

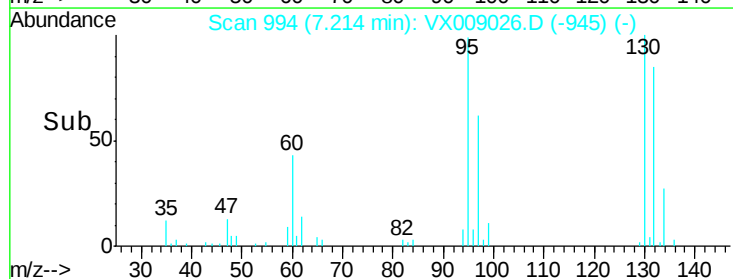
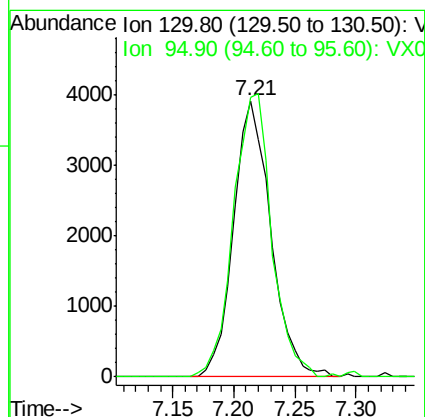
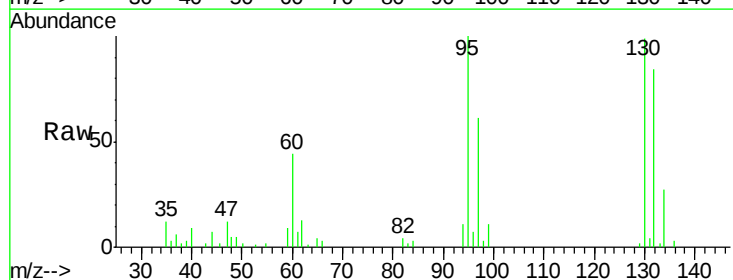
Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-190415

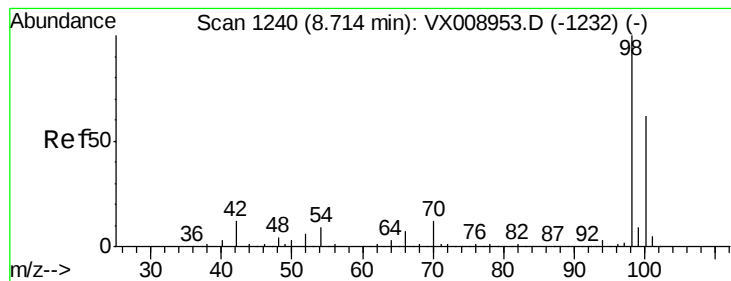
Tot Ion:113 Resp: 119392
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 21.0 17.4 26.0



#44
 Trichloroethene
 Concen: 2.771 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009026.D
 Acq: 17 Apr 2019 19:41

Tgt Ion:130 Resp: 8288
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 203.2





#50

Toluene-d8

Concen: 48.450 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009026.D

Acq: 17 Apr 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

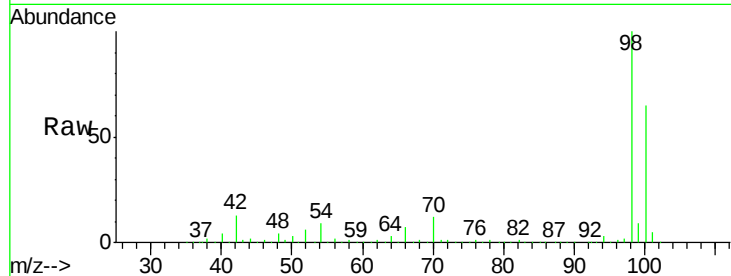
KY037MW144-190415

Tot Ion: 98 Resp: 496210

Ion Ratio Lower Upper

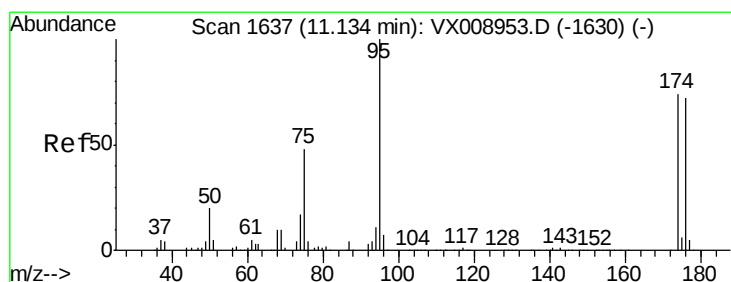
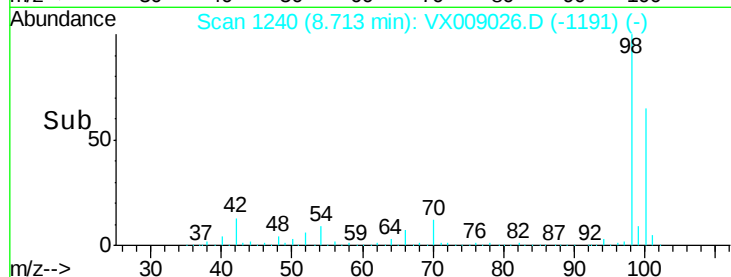
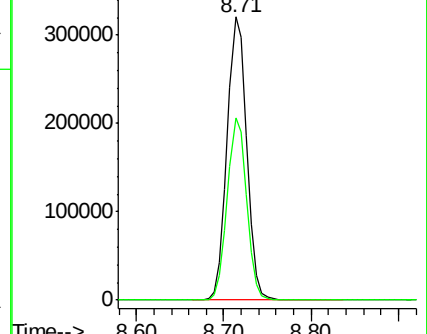
98 100

100 63.7 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: 45.986 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009026.D

Acq: 17 Apr 2019 19:41

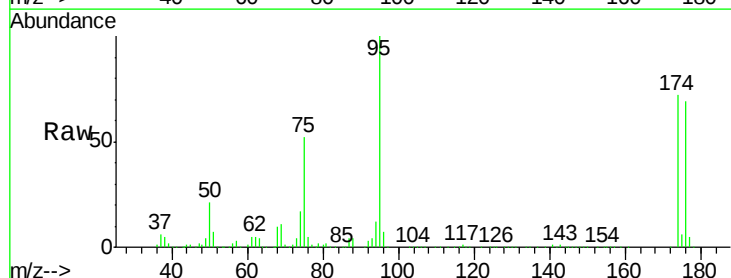
Tgt Ion: 95 Resp: 166256

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.6

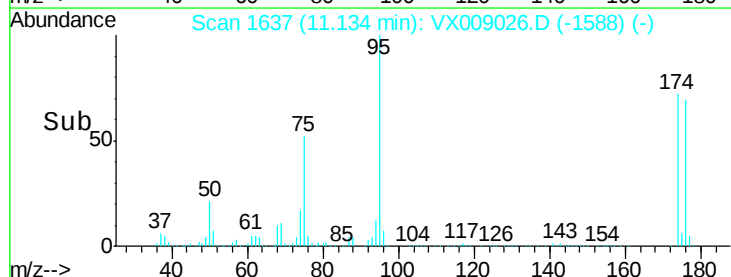
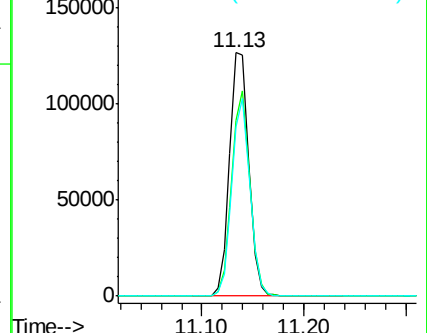
176 75.9 0.0 154.8

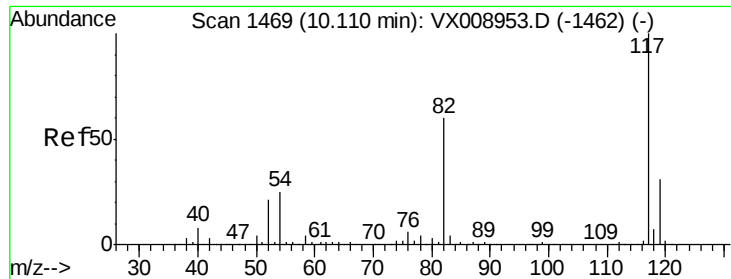


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

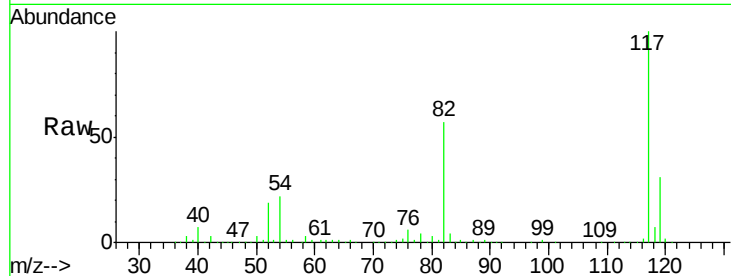




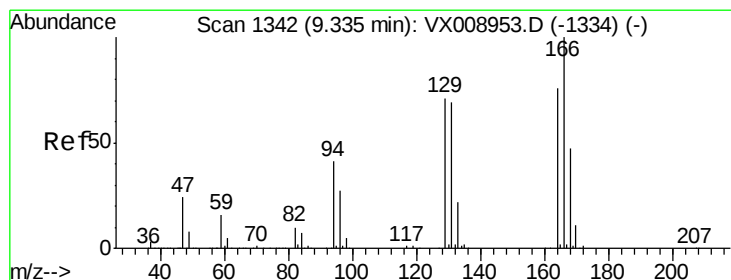
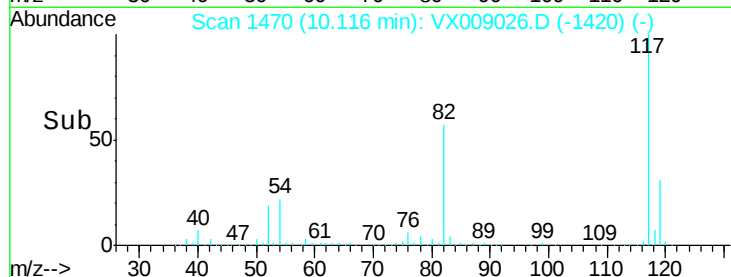
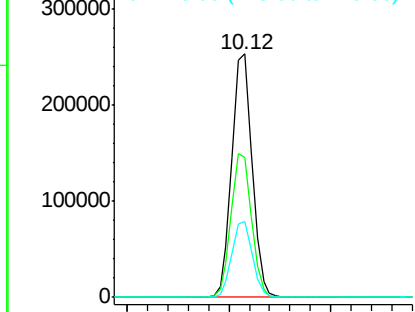
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009026.D
Acq: 17 Apr 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
KY037MW144-190415

Tot Ion:117 Resp: 348410
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 31.3 25.0 37.6



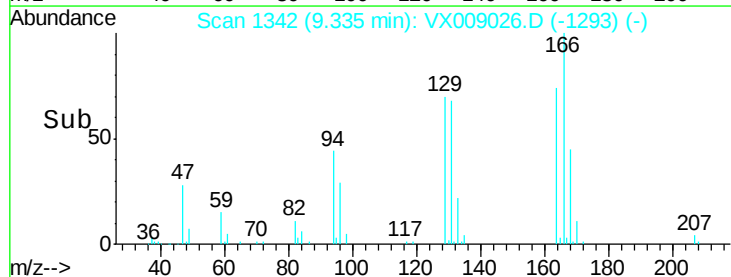
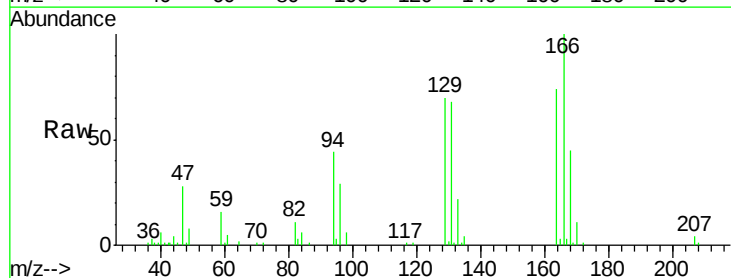
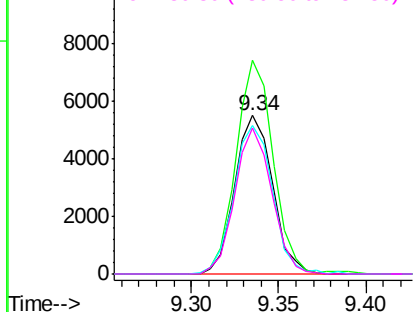
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

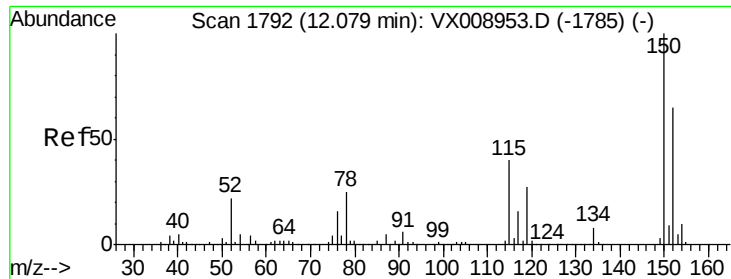


#64
Tetrachloroethene
Concen: 3.132 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009026.D
Acq: 17 Apr 2019 19:41

Tgt Ion:164 Resp: 8291
Ion Ratio Lower Upper
164 100
166 134.7 105.0 157.4
129 94.0 74.2 111.4
131 92.0 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

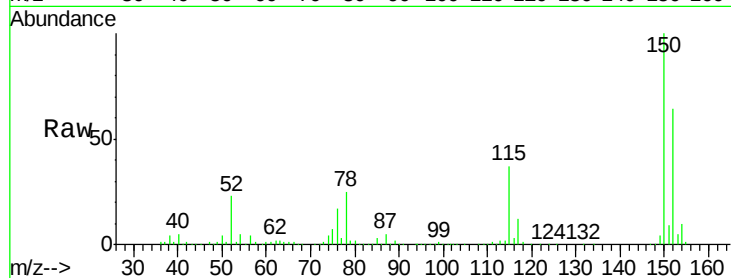




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009026.D
 Acq: 17 Apr 2019 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	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

