

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009037.D
 Acq On : 18 Apr 2019 12:37
 Operator : JC/SP
 Sample : K2387-07DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410DL

Quant Time: Apr 19 04:55:12 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

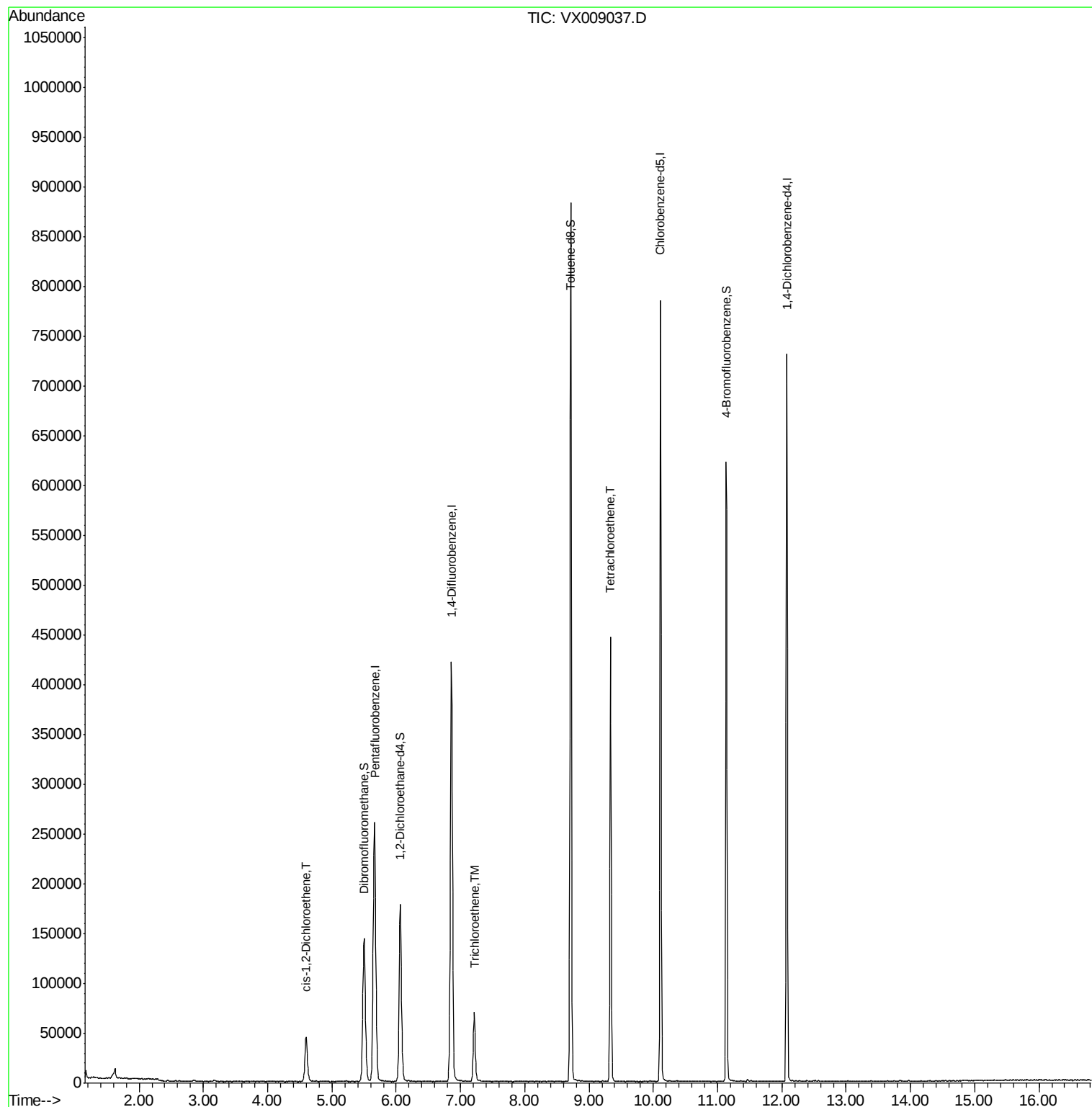
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168353	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	122960	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	502071	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	165553	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	27830	8.561	ug/l	90
44) Trichloroethene	7.21	130	26280	8.597	ug/l	98
64) Tetrachloroethene	9.34	164	86853	32.852	ug/l	99

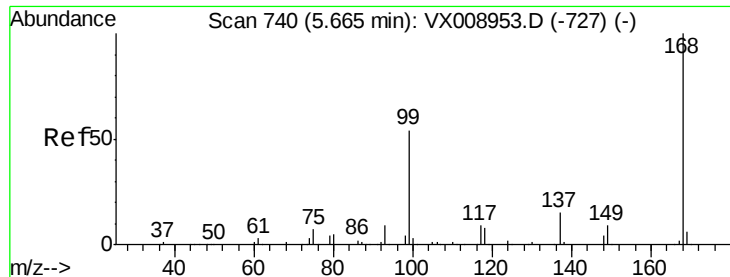
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 06:47:58 2019
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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: VX009037.D

Acq: 18 Apr 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

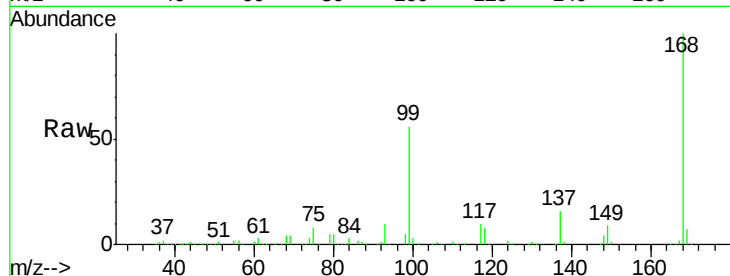
KY063MW003-190410DL

Tot Ion:168 Resp: 250305

Ion Ratio Lower Upper

168 100

99 55.7 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

100000

80000

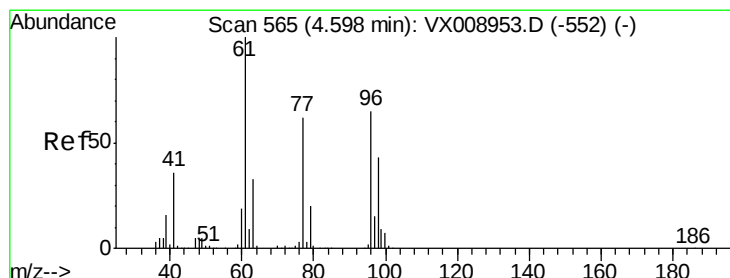
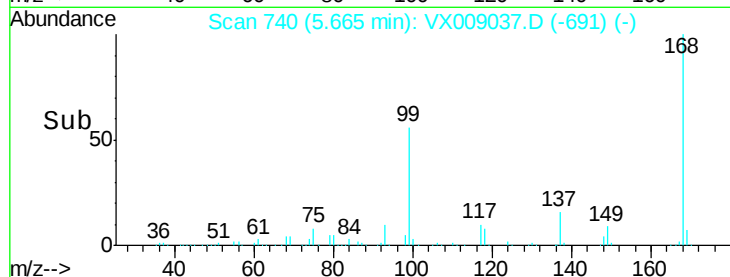
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 8.561 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009037.D

Acq: 18 Apr 2019 12:37

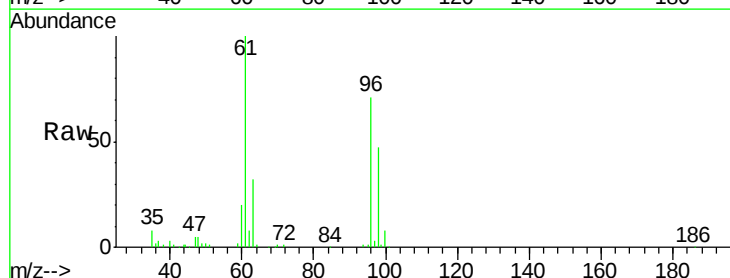
Tgt Ion: 96 Resp: 27830

Ion Ratio Lower Upper

96 100

61 142.5 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

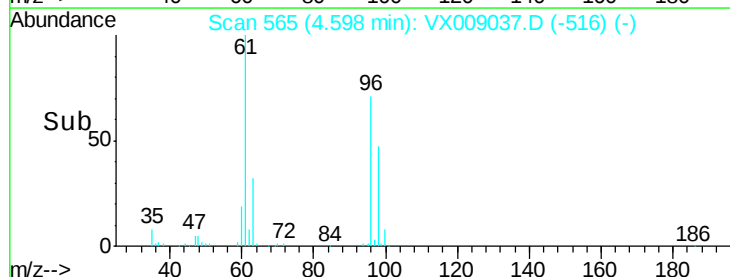
15000

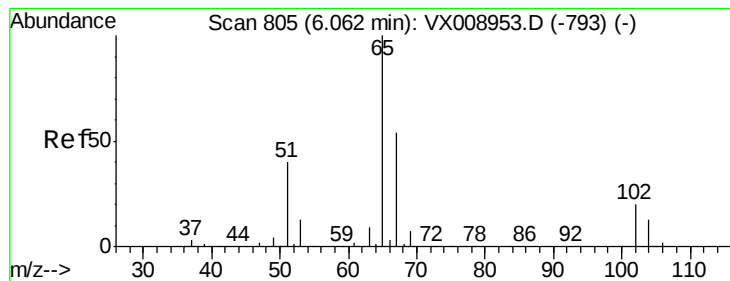
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.726 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009037.D

Acq: 18 Apr 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

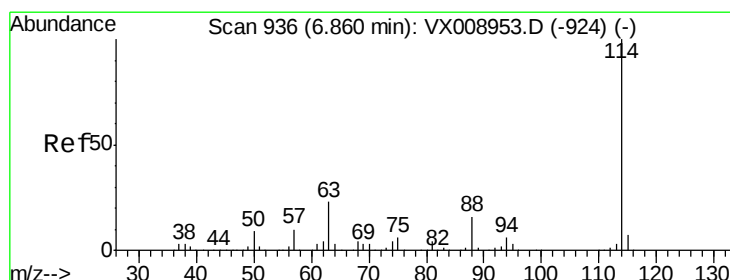
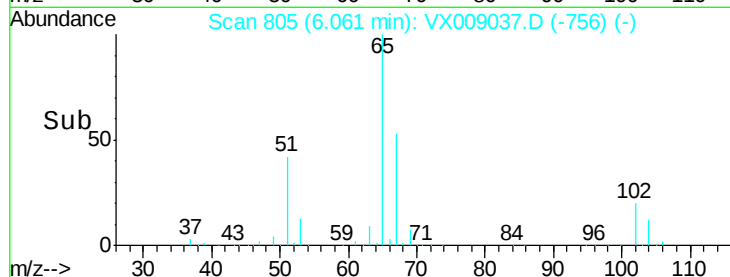
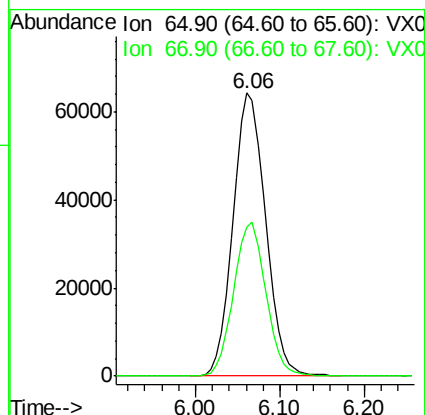
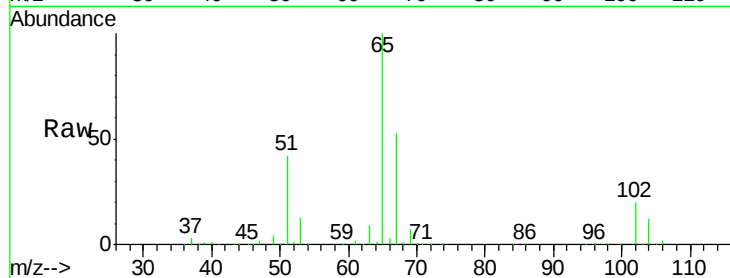
KY063MW003-190410DL

Tot Ion: 65 Resp: 168353

Ion Ratio Lower Upper

65 100

67 53.9 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: VX009037.D

Acq: 18 Apr 2019 12:37

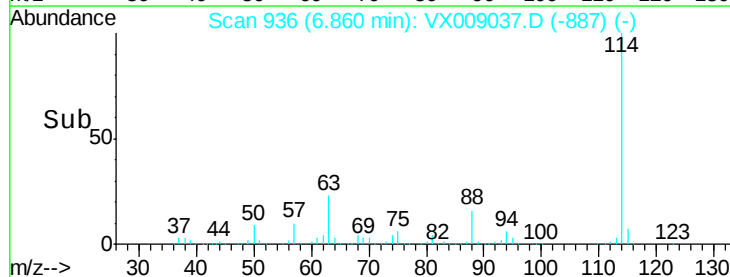
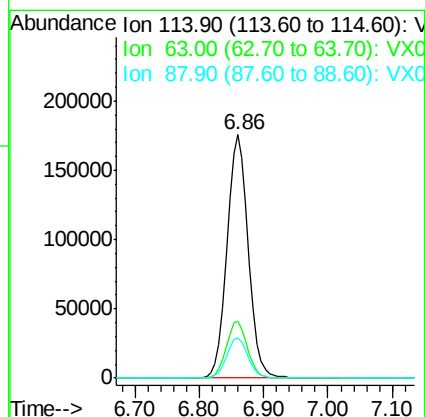
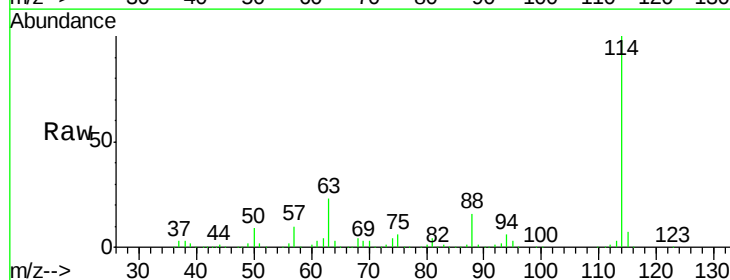
Tgt Ion: 114 Resp: 408923

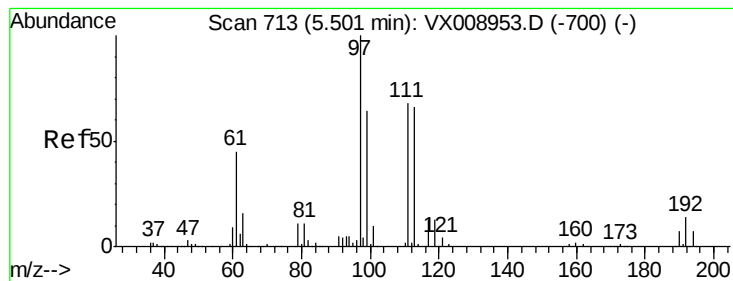
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.853 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009037.D

Acq: 18 Apr 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410DL

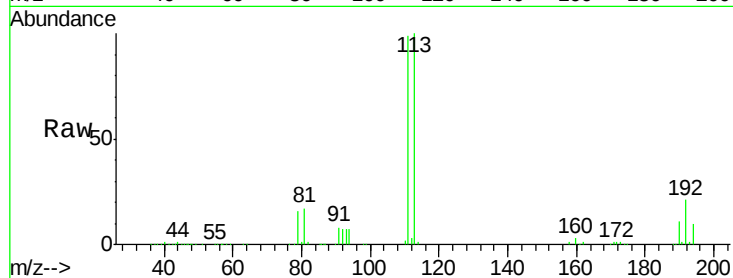
Tot Ion:113 Resp: 122960

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

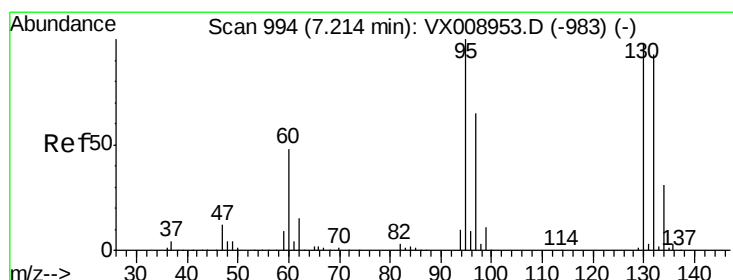
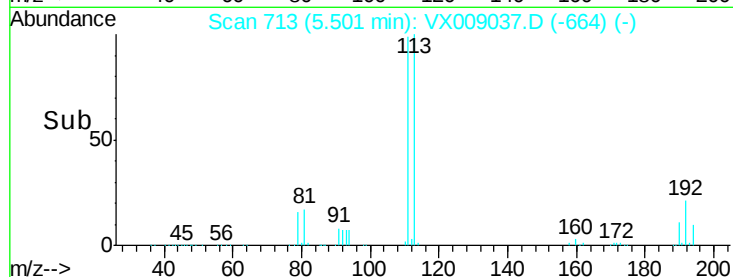
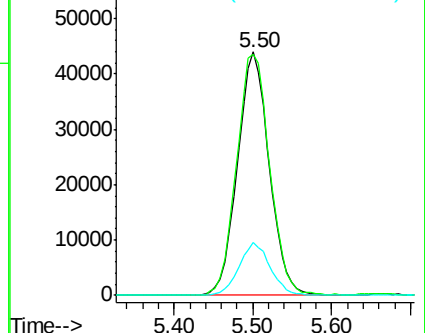
192 21.1 17.4 26.0



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: 8.597 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009037.D

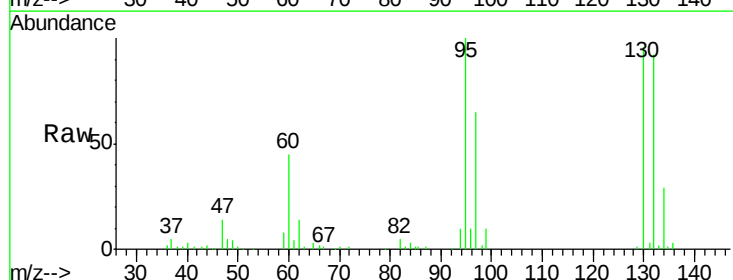
Acq: 18 Apr 2019 12:37

Tgt Ion:130 Resp: 26280

Ion Ratio Lower Upper

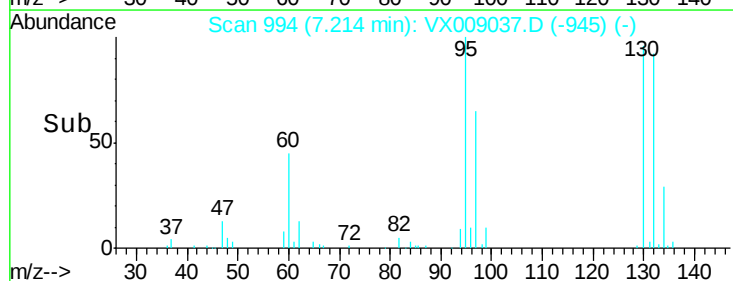
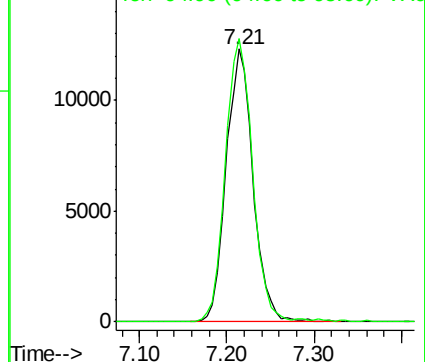
130 100

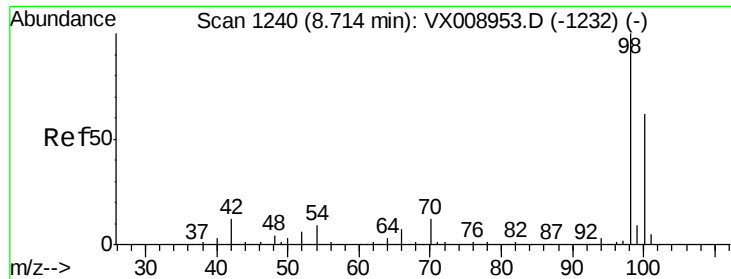
95 103.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

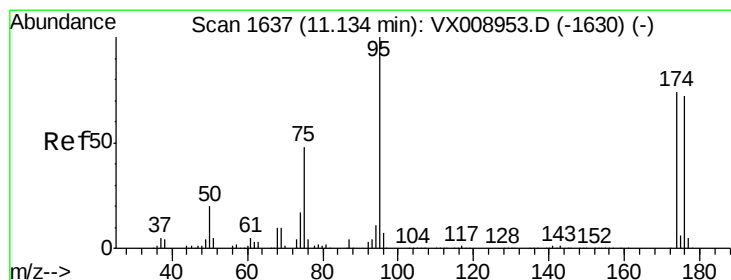
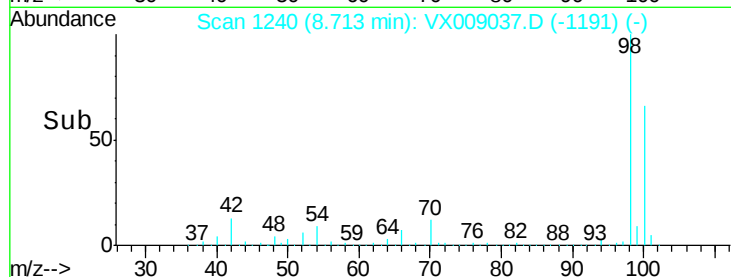
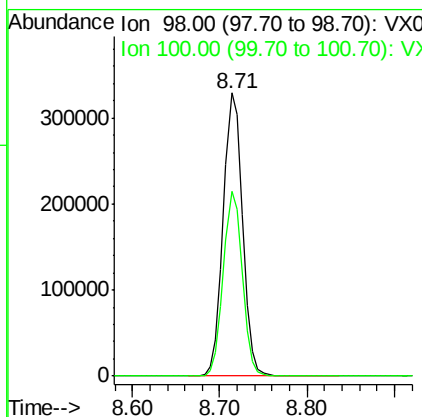
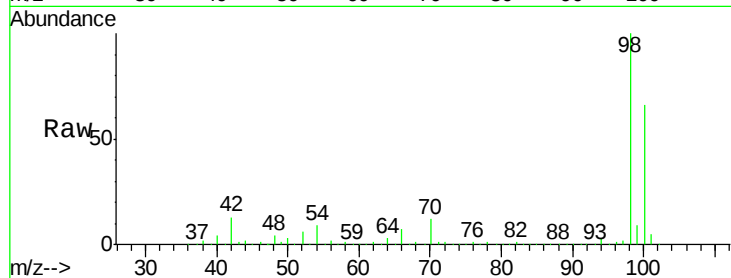




#50
Toluene-d8
Concen: 47.971 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009037.D
Acq: 18 Apr 2019 12:37

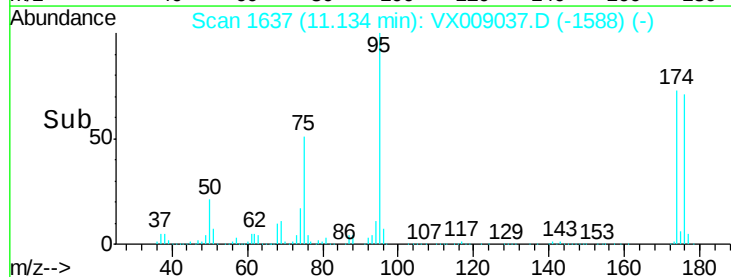
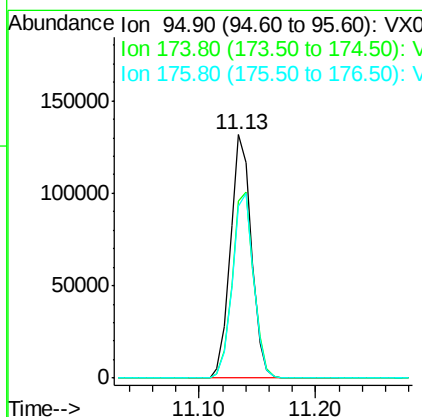
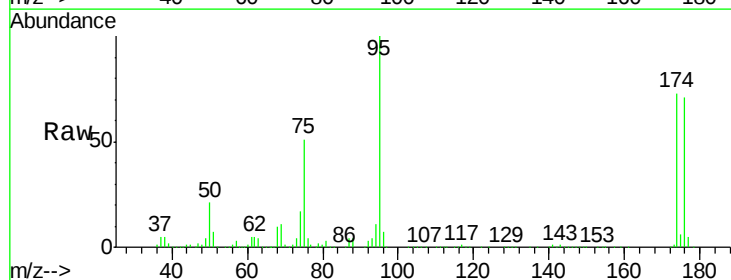
Instrument :
MSVOA_X
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KY063MW003-190410DL

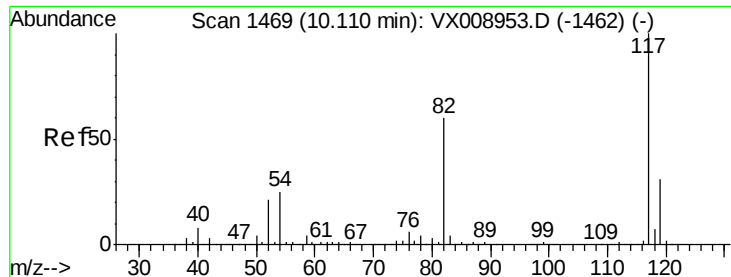
Tot Ion: 98 Resp: 502071
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.810 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009037.D
Acq: 18 Apr 2019 12:37

Tgt Ion: 95 Resp: 165553
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.6
176 76.8 0.0 154.8

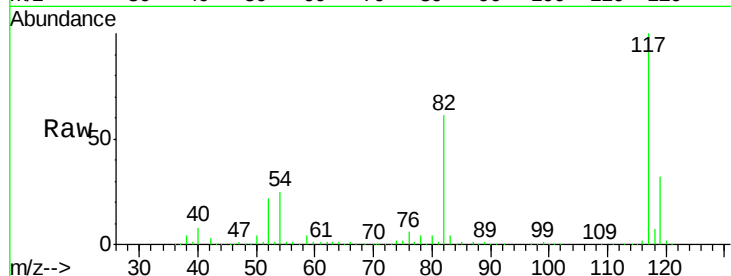




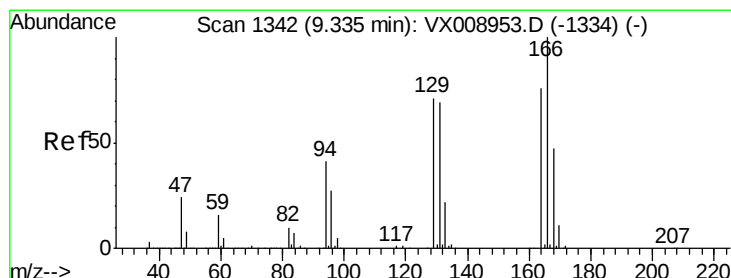
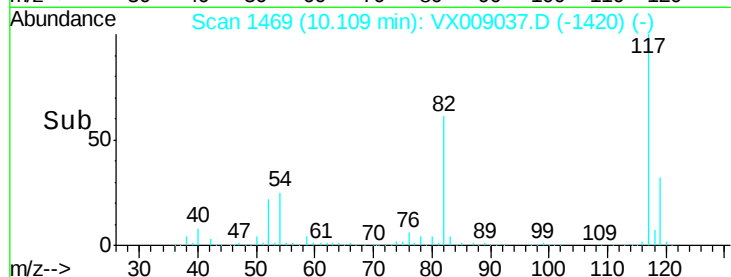
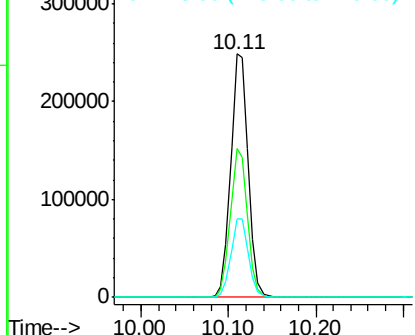
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009037.D
Acq: 18 Apr 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-190410DL

Tot Ion:117 Resp: 348013
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.4
119 32.1 25.0 37.6



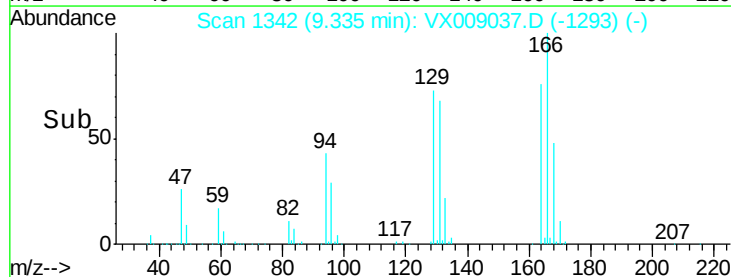
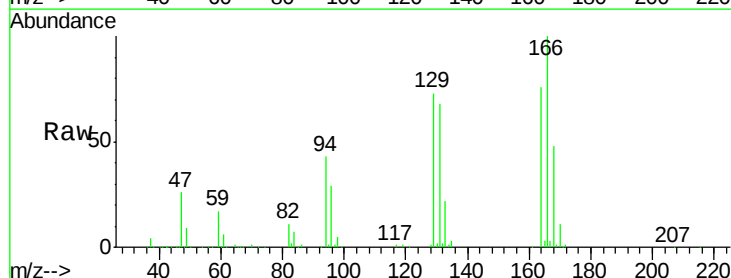
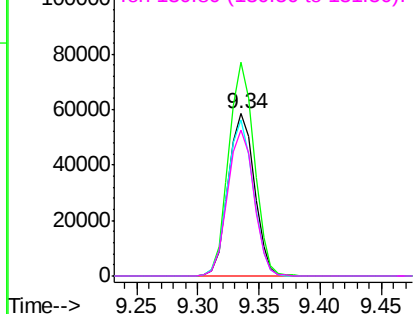
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

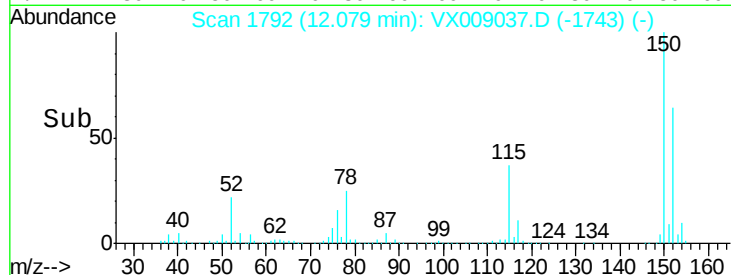
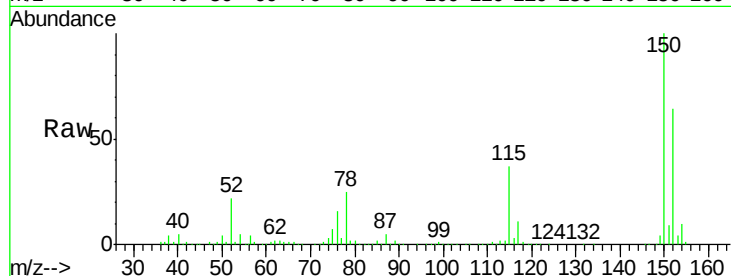
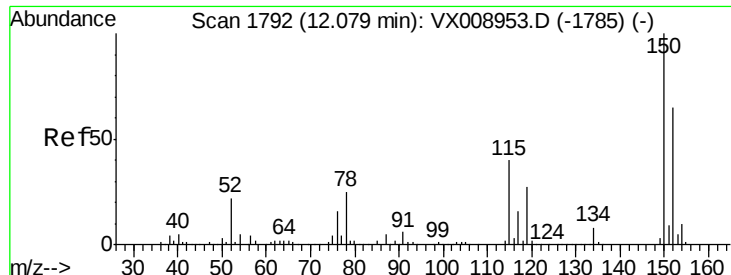


#64
Tetrachloroethene
Concen: 32.852 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009037.D
Acq: 18 Apr 2019 12:37

Tgt Ion:164 Resp: 86853
Ion Ratio Lower Upper
164 100
166 131.5 105.0 157.4
129 96.0 74.2 111.4
131 90.0 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: VX009037.D
 Acq: 18 Apr 2019 12:37

Instrument :
 MSVOA_X
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 KY063MW003-190410DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	41.4	124.2
150	155.7	0.0	349.8

