

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009012.D
 Acq On : 17 Apr 2019 14:14
 Operator : JC/SP
 Sample : K2387-07DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410DL

Quant Time: Apr 18 02:11:49 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

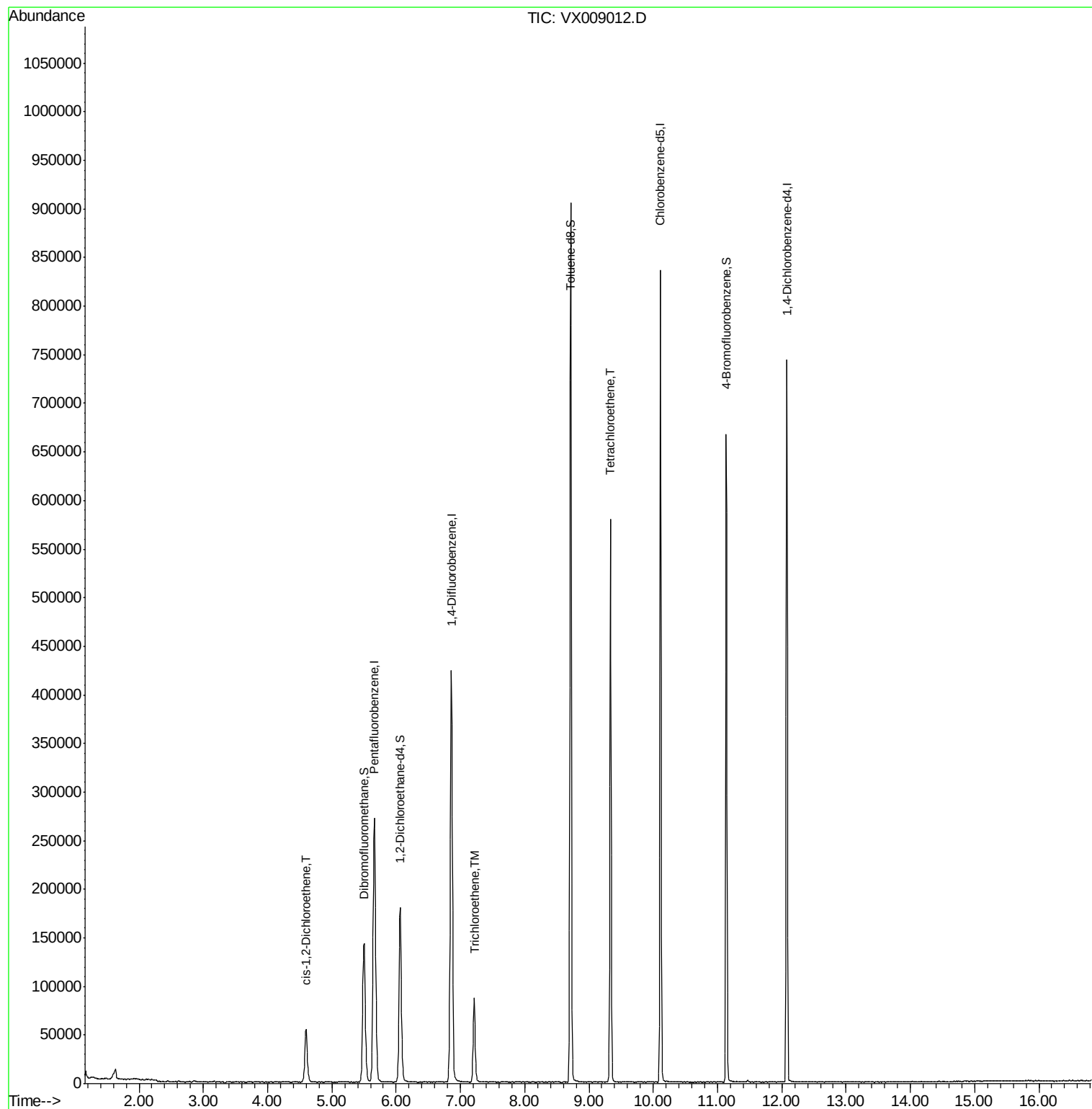
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169325	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	124249	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	519868	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.13	95	173285	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	34288	10.104	ug/l	90
44) Trichloroethene	7.21	130	33186	10.638	ug/l	99
64) Tetrachloroethene	9.34	164	113465	41.591	ug/l	97

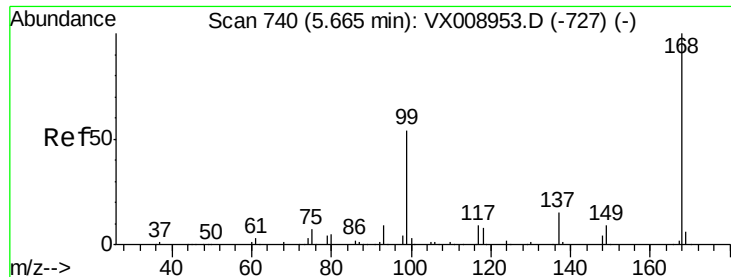
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009012.D

Acq: 17 Apr 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

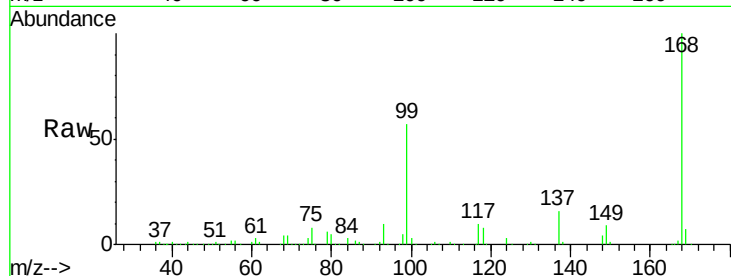
KY063MW003-190410DL

Tot Ion:168 Resp: 261311

Ion Ratio Lower Upper

168 100

99 57.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

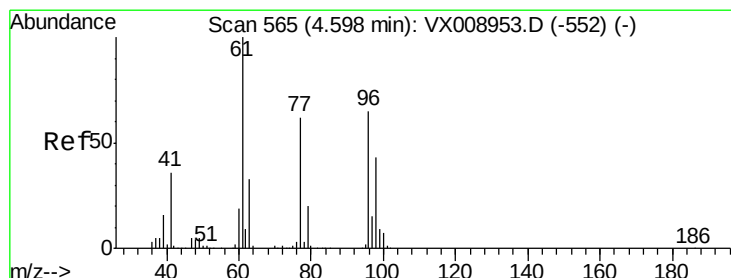
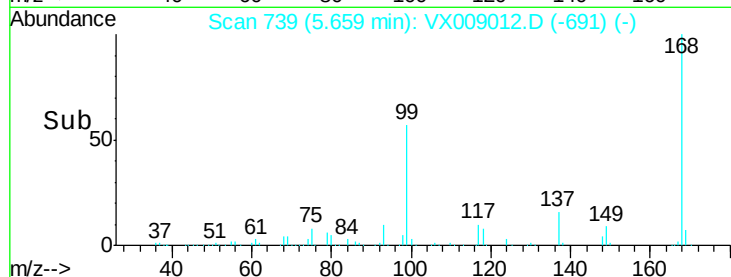
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 10.104 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009012.D

Acq: 17 Apr 2019 14:14

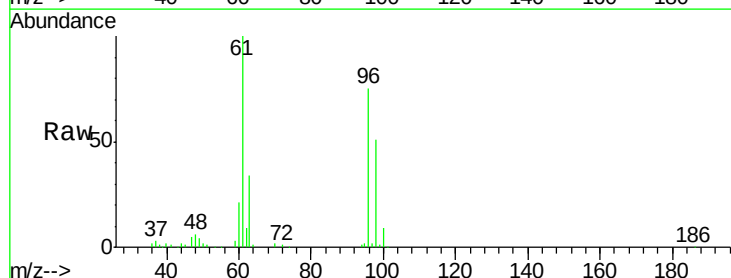
Tgt Ion: 96 Resp: 34288

Ion Ratio Lower Upper

96 100

61 143.5 0.0 322.0

98 64.6 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

4.60

20000

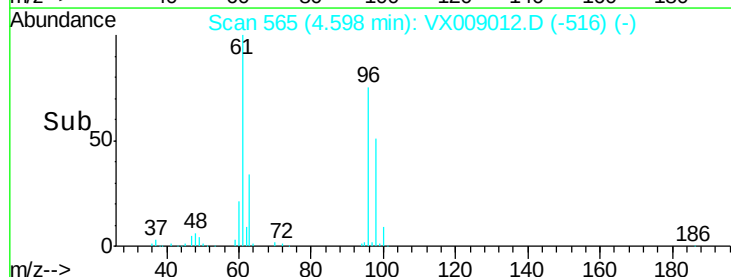
15000

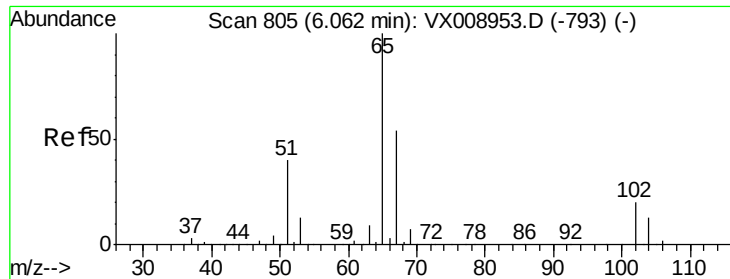
10000

5000

0

Time--> 4.50 4.60 4.70

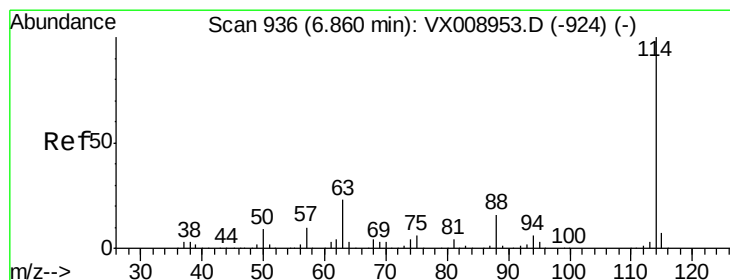
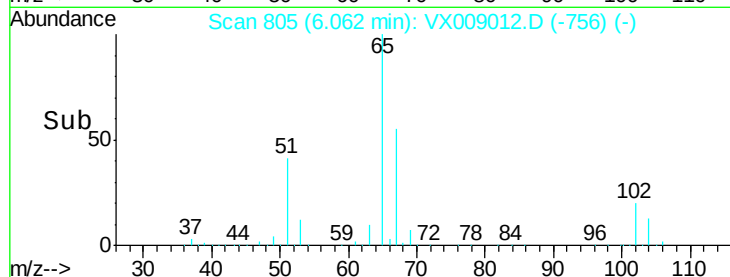
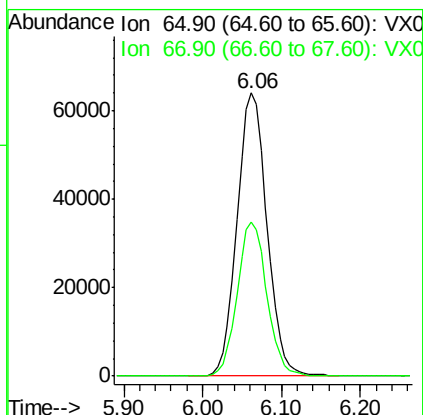
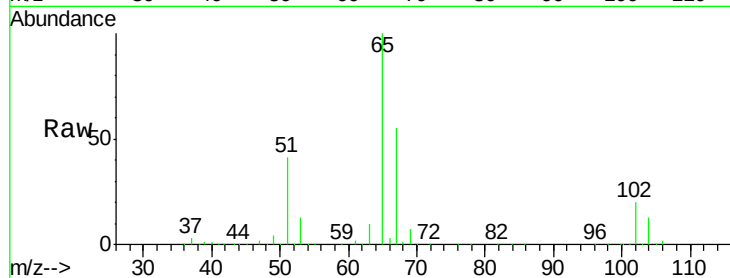




#33
 1,2-Dichloroethane-d4
 Concen: 45.980 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009012.D
 Acq: 17 Apr 2019 14:14

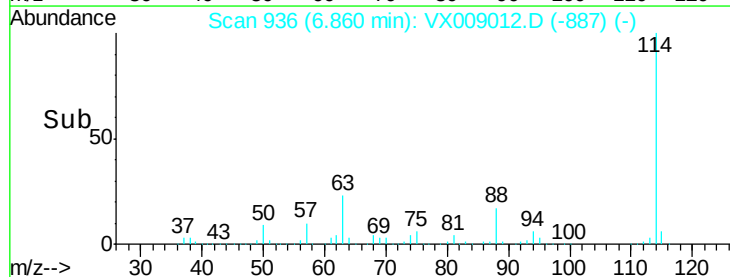
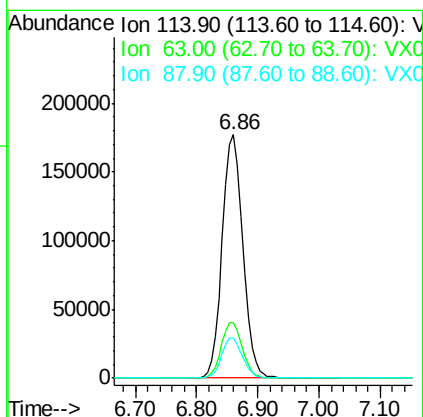
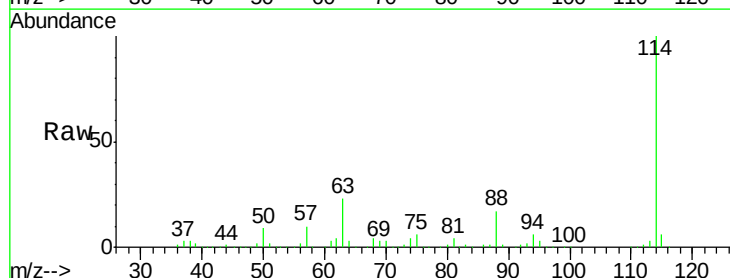
Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410DL

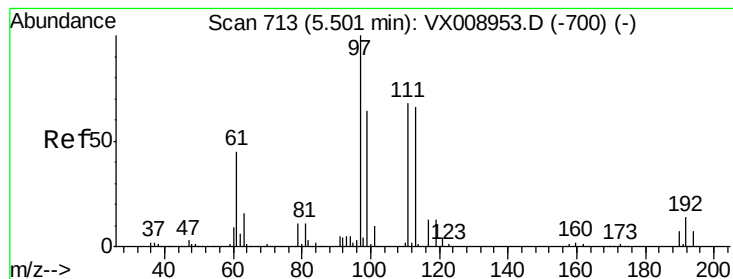
Tot Ion: 65 Resp: 169325
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009012.D
 Acq: 17 Apr 2019 14:14

Tgt Ion: 114 Resp: 417312
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.393 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009012.D

Acq: 17 Apr 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410DL

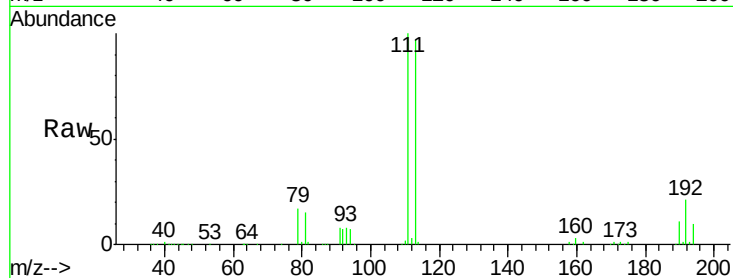
Tot Ion:113 Resp: 124249

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

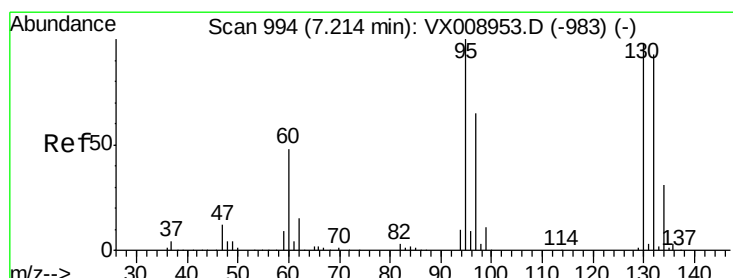
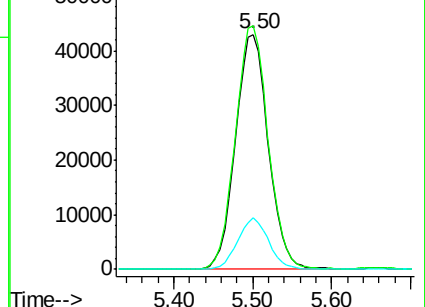
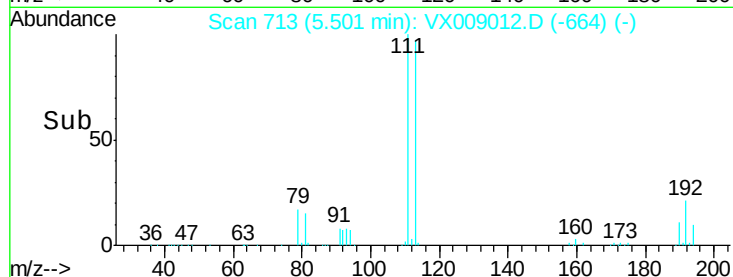
192 20.9 17.4 26.0



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: 10.638 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009012.D

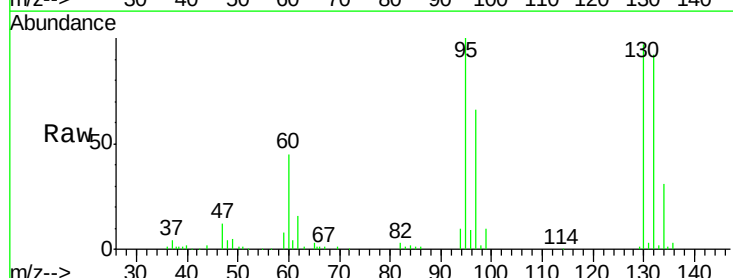
Acq: 17 Apr 2019 14:14

Tgt Ion:130 Resp: 33186

Ion Ratio Lower Upper

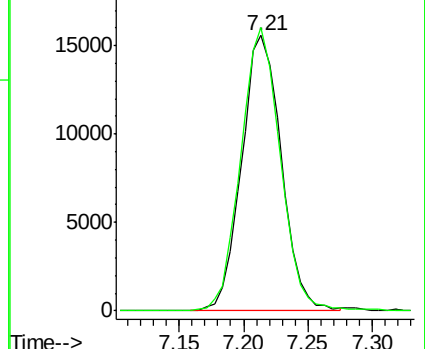
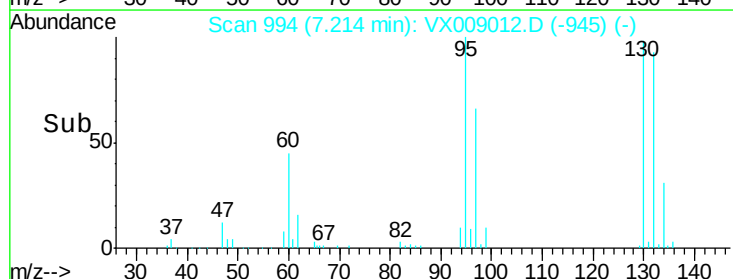
130 100

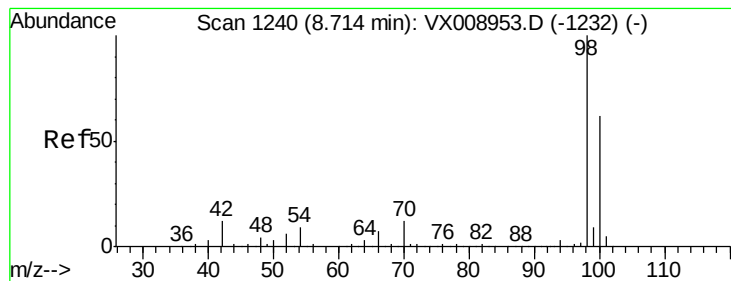
95 102.6 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.673 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009012.D

Acq: 17 Apr 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

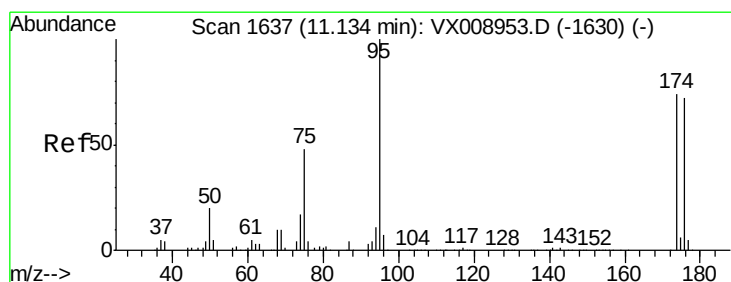
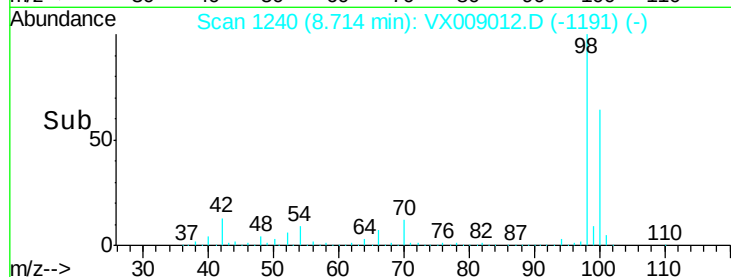
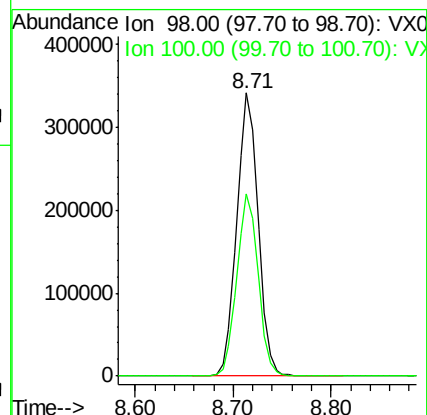
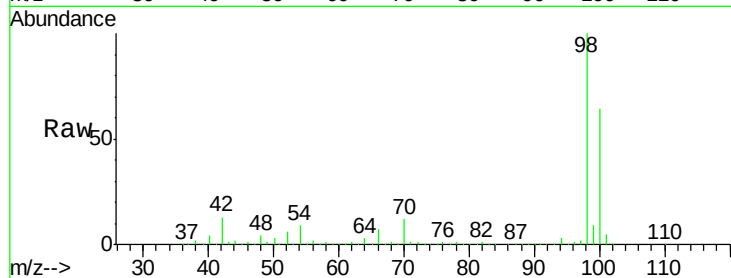
KY063MW003-190410DL

Tot Ion: 98 Resp: 519868

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 45.960 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009012.D

Acq: 17 Apr 2019 14:14

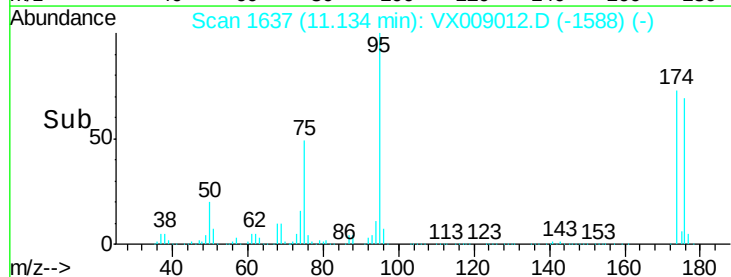
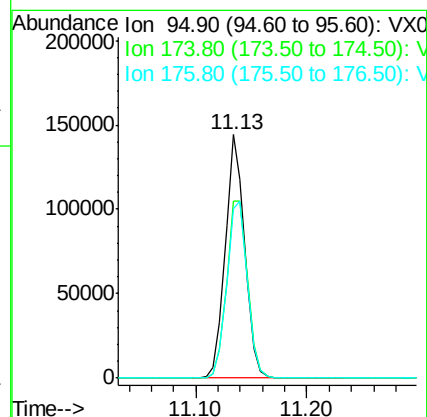
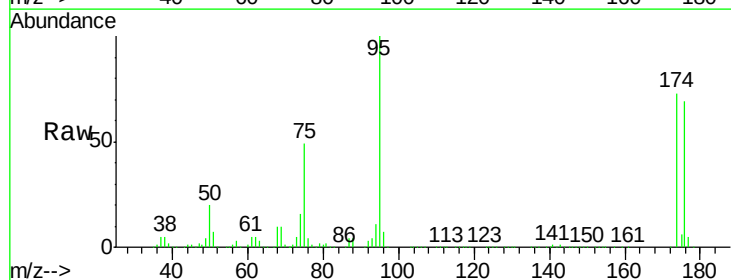
Tgt Ion: 95 Resp: 173285

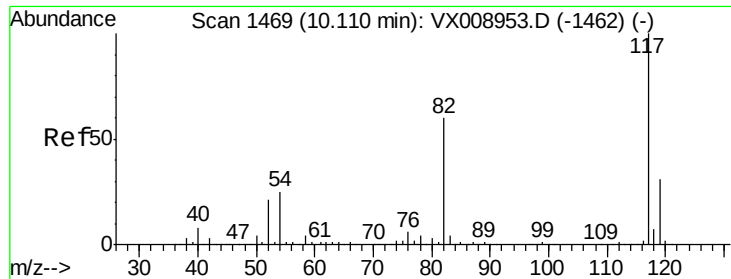
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

176 77.1 0.0 154.8

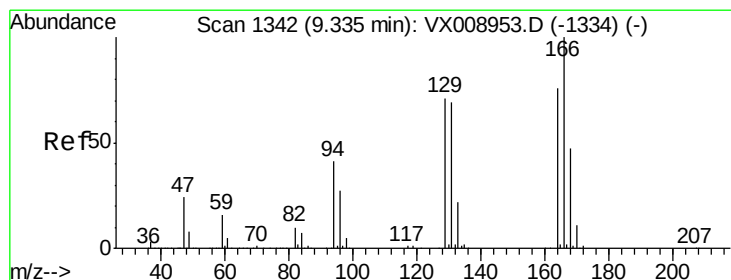
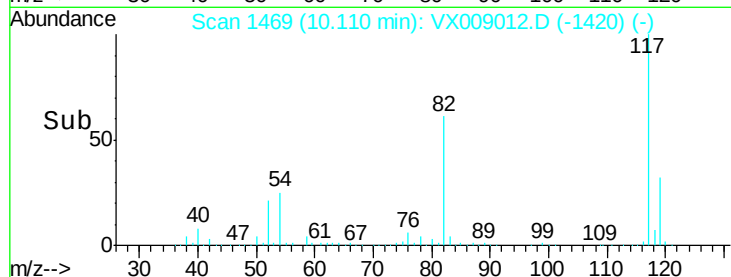
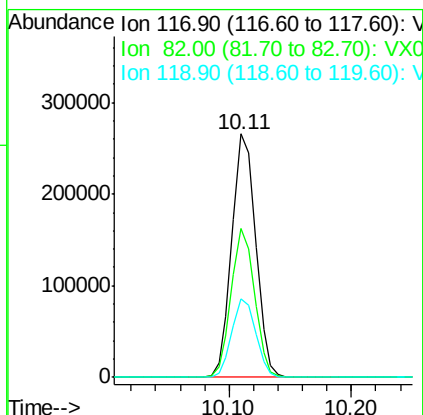
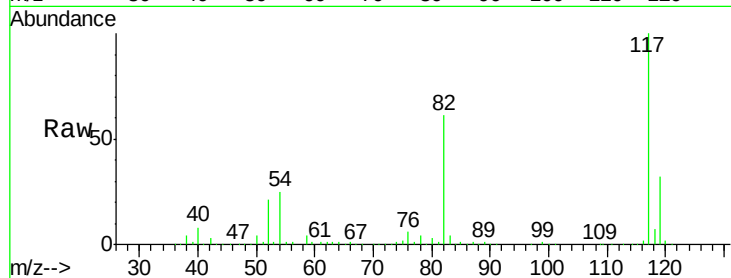




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009012.D
Acq: 17 Apr 2019 14:14

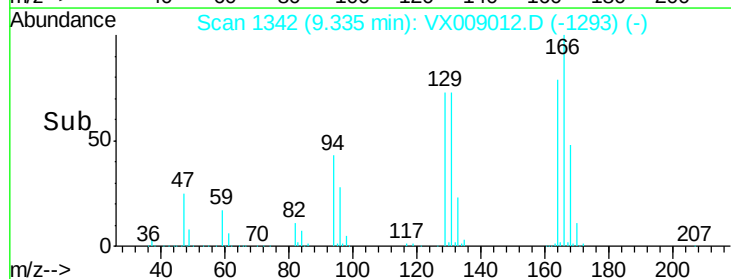
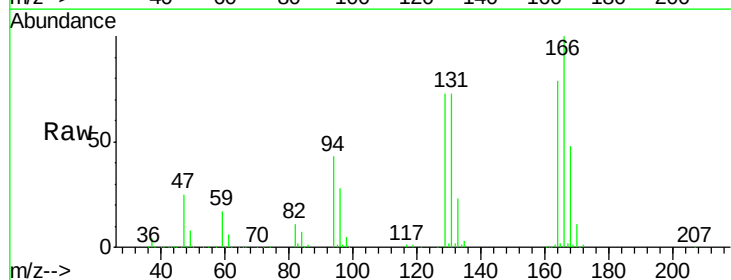
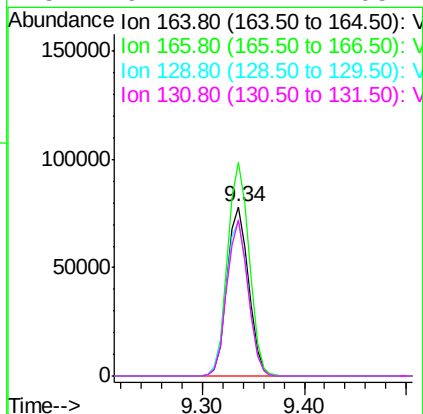
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-190410DL

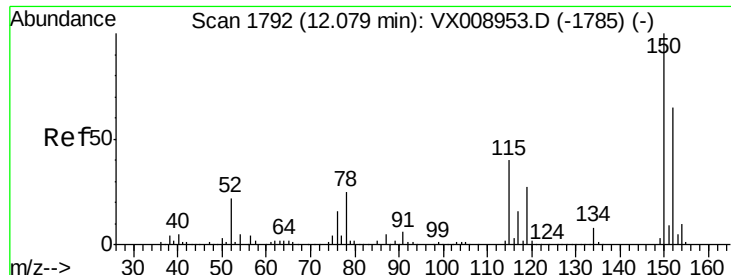
Tot Ion:117 Resp: 359110
Ion Ratio Lower Upper
117 100
82 61.3 48.2 72.4
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 41.591 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009012.D
Acq: 17 Apr 2019 14:14

Tgt Ion:164 Resp: 113465
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.4
129 91.9 74.2 111.4
131 92.2 72.2 108.2

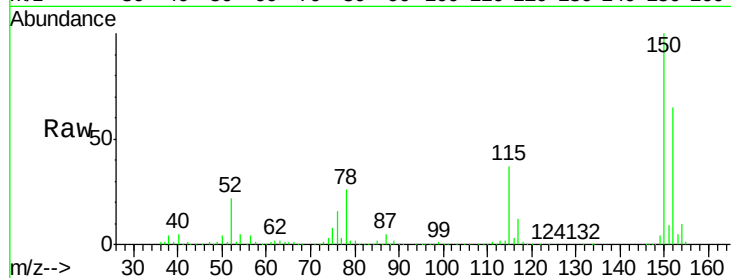




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009012.D
 Acq: 17 Apr 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.4	124.2
150	154.5	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

