

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010149.D
 Acq On : 08 Jun 2019 19:26
 Operator : JC/SP
 Sample : K3249-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP04-20190606

Quant Time: Jun 10 08:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

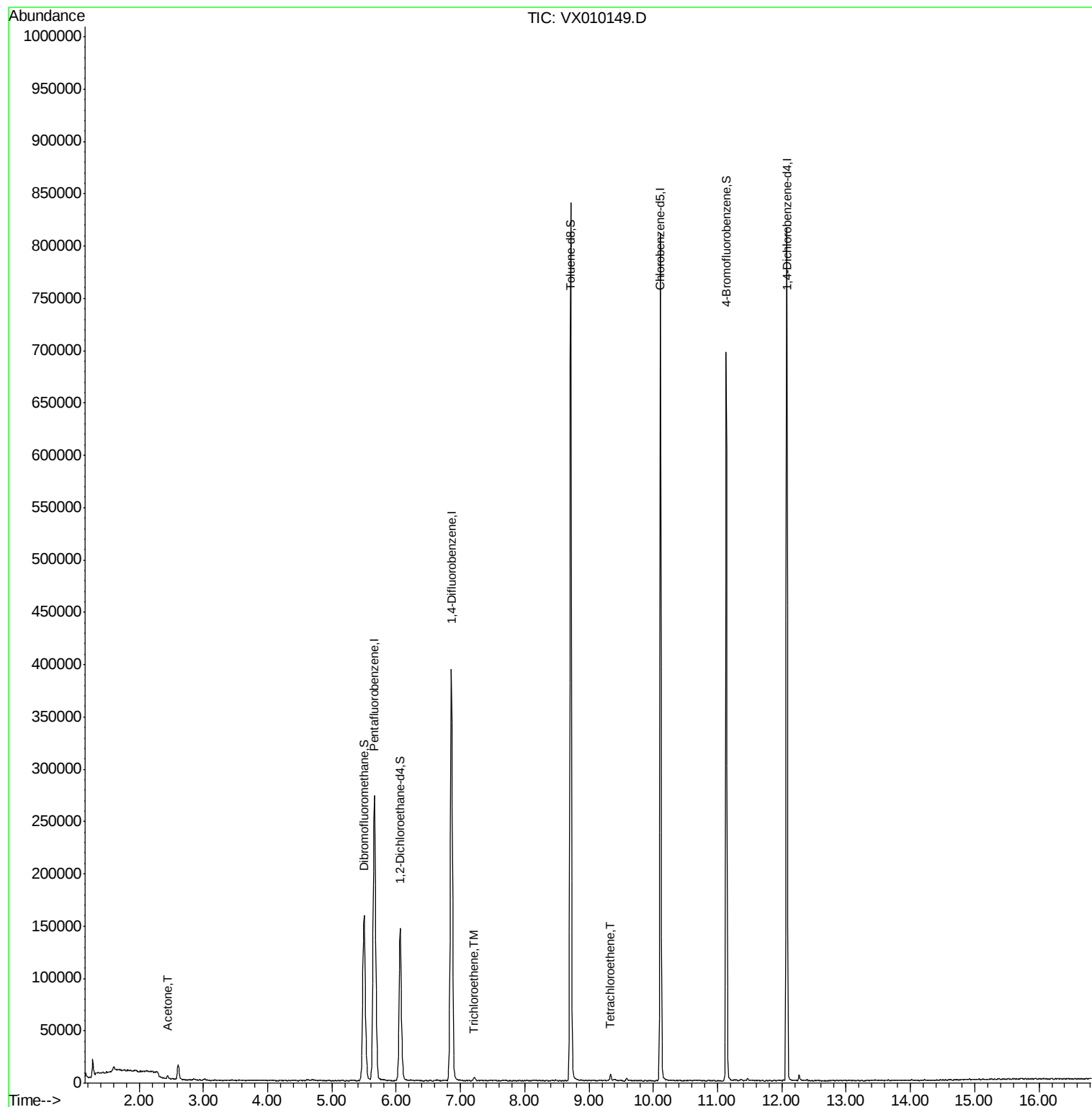
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130219	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
35) Dibromofluoromethane	5.50	113	135402	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	517416	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	181703	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
16) Acetone	2.45	43	3540	2.612	ug/l #	86
44) Trichloroethene	7.21	130	1199	0.358	ug/l	100
64) Tetrachloroethene	9.34	164	1075	0.363	ug/l	93

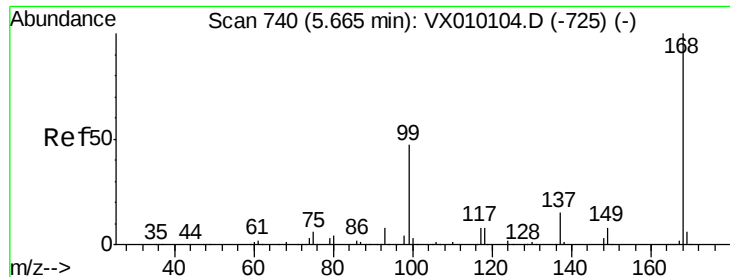
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010149.D

Acq: 08 Jun 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

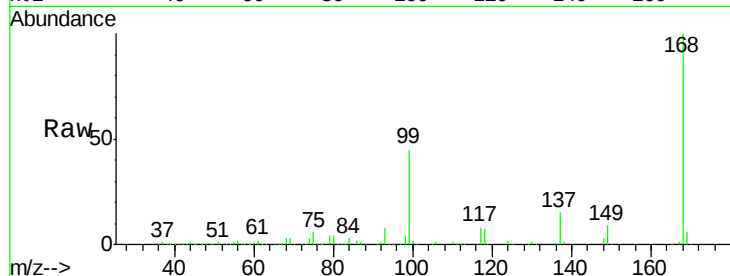
BP-DUP04-20190606

Tot Ion:168 Resp: 295176

Ion Ratio Lower Upper

168 100

99 45.1 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

120000

100000

80000

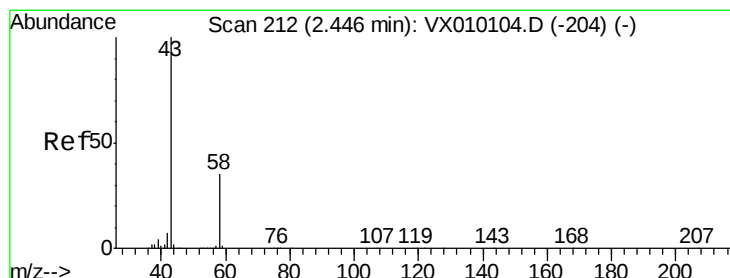
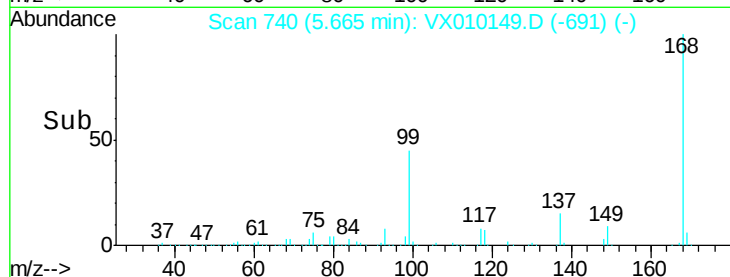
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.612 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010149.D

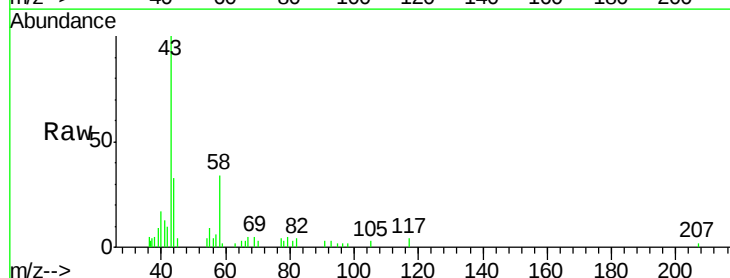
Acq: 08 Jun 2019 19:26

Tgt Ion: 43 Resp: 3540

Ion Ratio Lower Upper

43 100

58 36.3 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

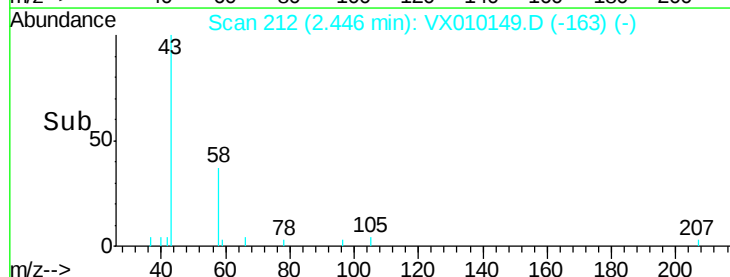
1500

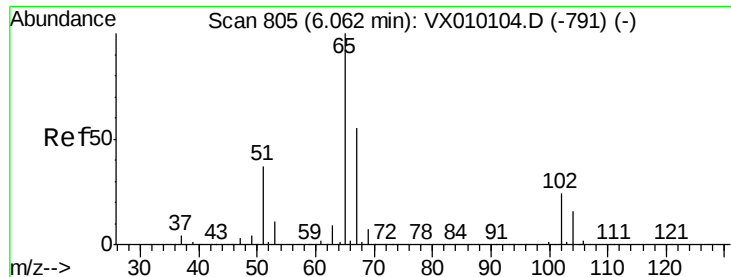
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

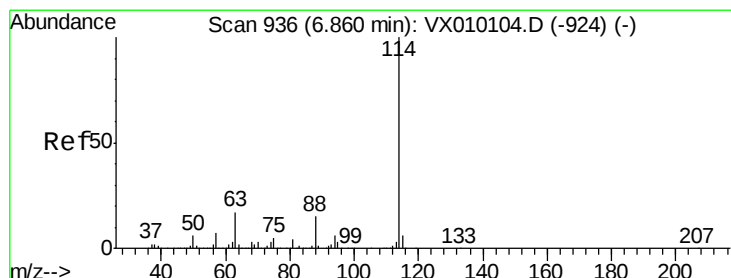
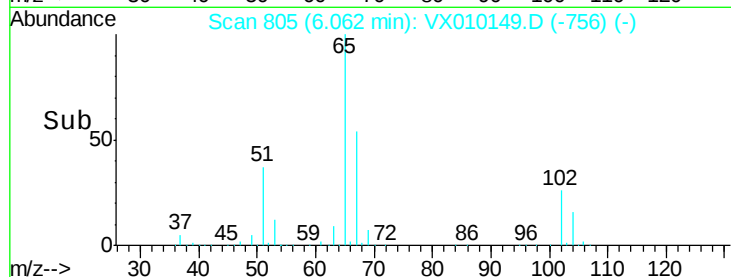
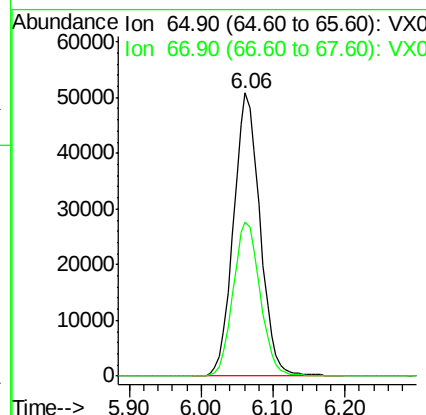
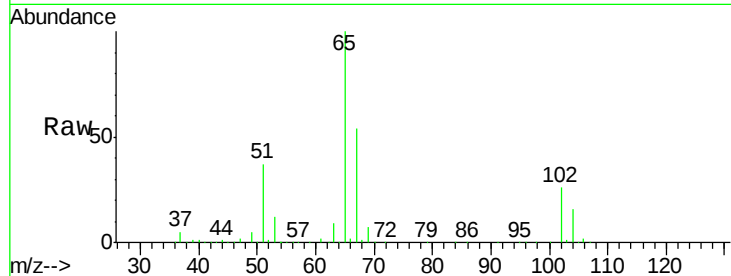




#33
 1,2-Dichloroethane-d4
 Concen: 45.195 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010149.D
 Acq: 08 Jun 2019 19:26

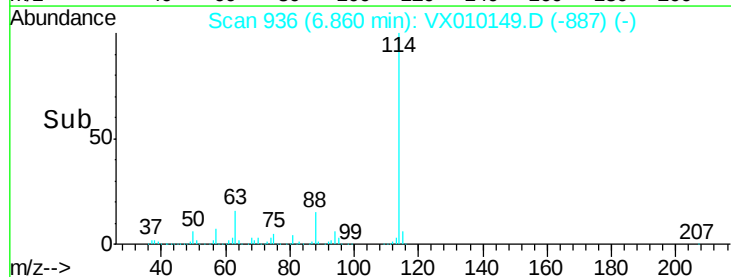
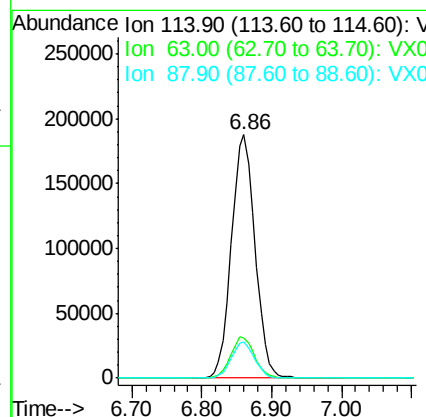
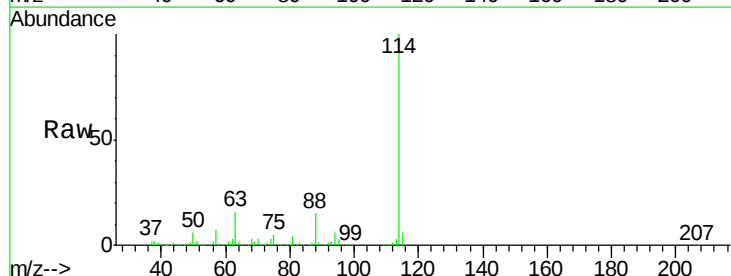
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP04-20190606

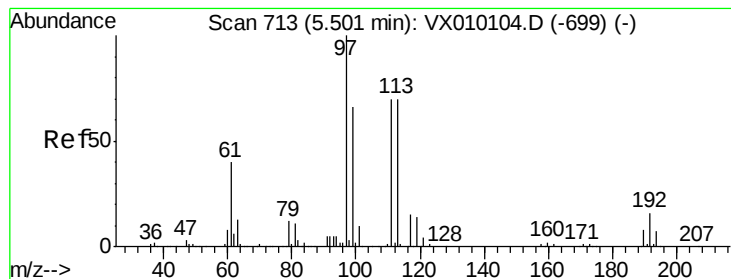
Tot Ion: 65 Resp: 130219
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010149.D
 Acq: 08 Jun 2019 19:26

Tgt Ion: 114 Resp: 440821
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 47.4
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.797 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010149.D

Acq: 08 Jun 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP04-20190606

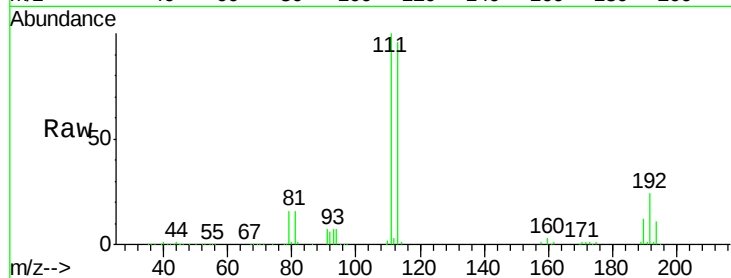
Tot Ion:113 Resp: 135402

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

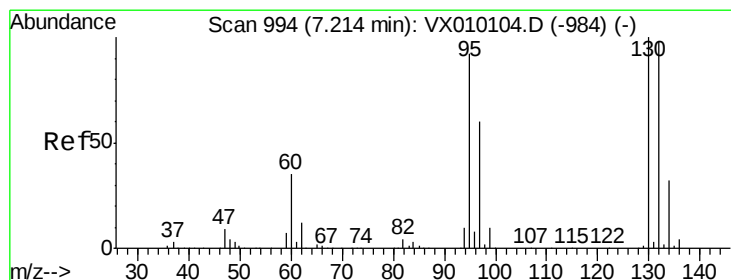
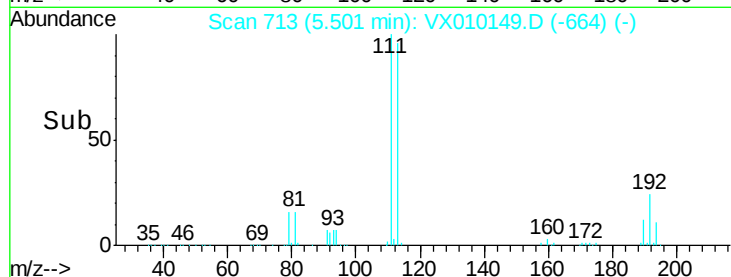
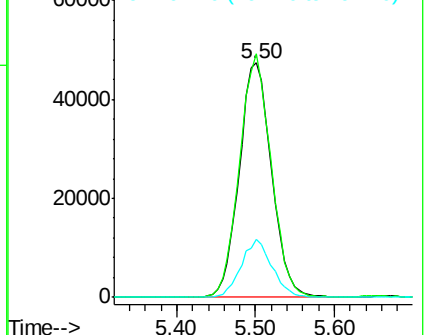
192 23.5 17.1 25.7



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: 0.358 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010149.D

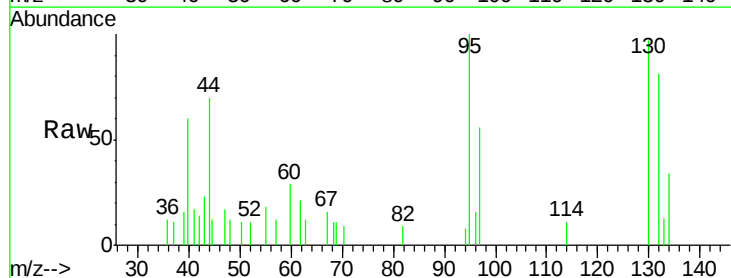
Acq: 08 Jun 2019 19:26

Tgt Ion:130 Resp: 1199

Ion Ratio Lower Upper

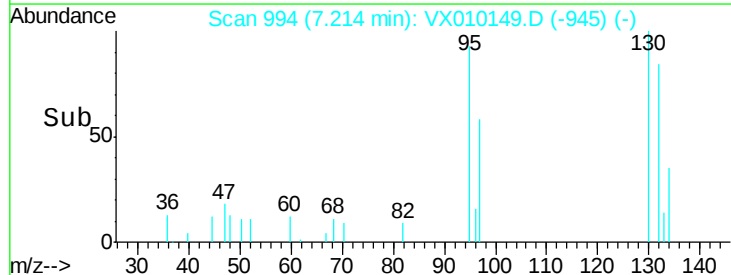
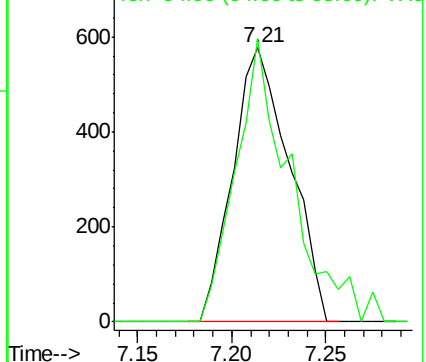
130 100

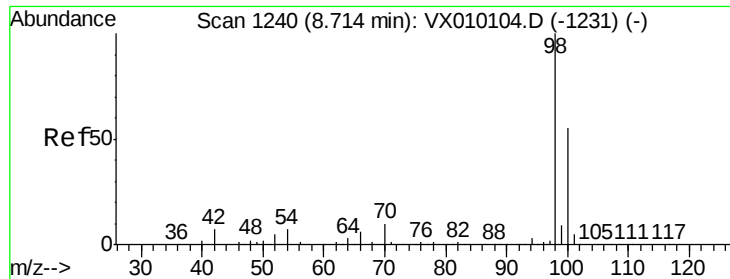
95 103.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.773 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010149.D

Acq: 08 Jun 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

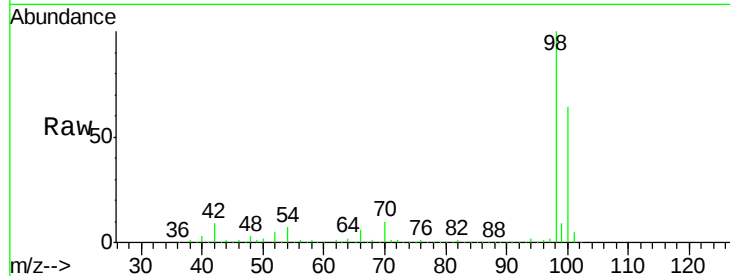
BP-DUP04-20190606

Tot Ion: 98 Resp: 517416

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

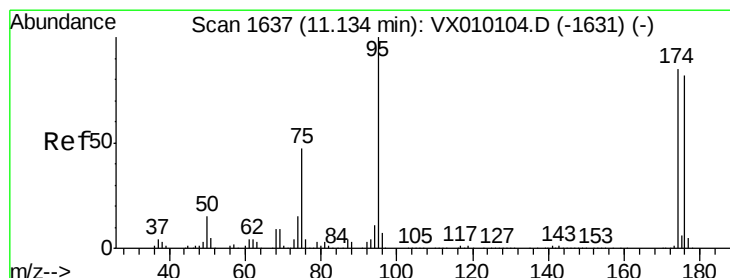
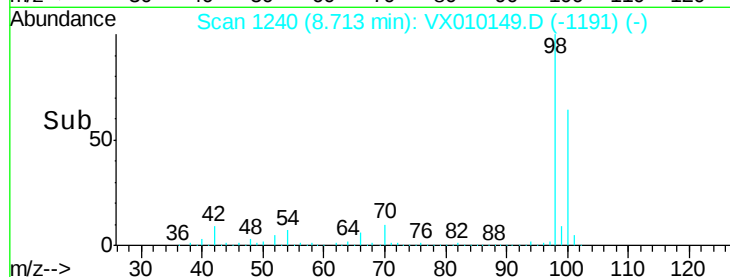
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 47.744 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010149.D

Acq: 08 Jun 2019 19:26

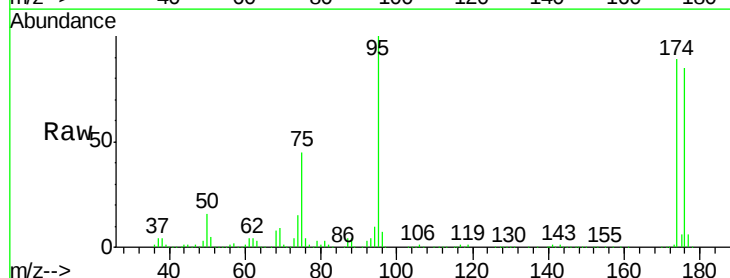
Tgt Ion: 95 Resp: 181703

Ion Ratio Lower Upper

95 100

174 93.3 0.0 160.4

176 90.3 0.0 154.6



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

11.13

200000

150000

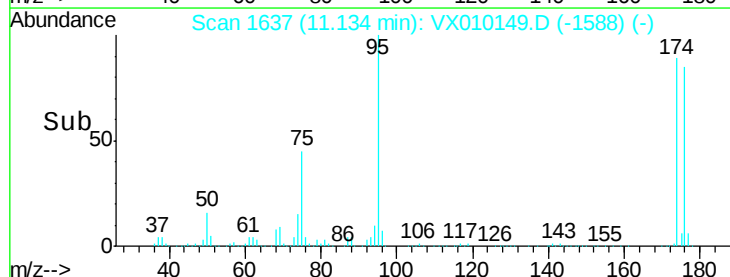
100000

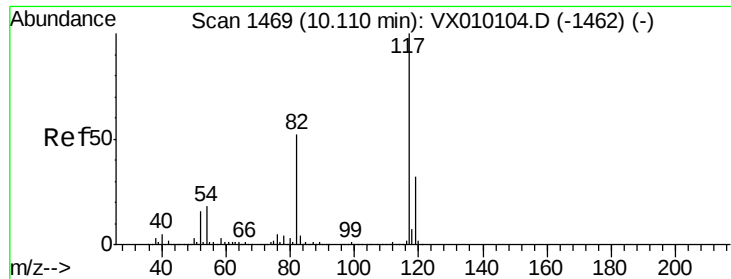
50000

0

Time-->

11.10 11.20

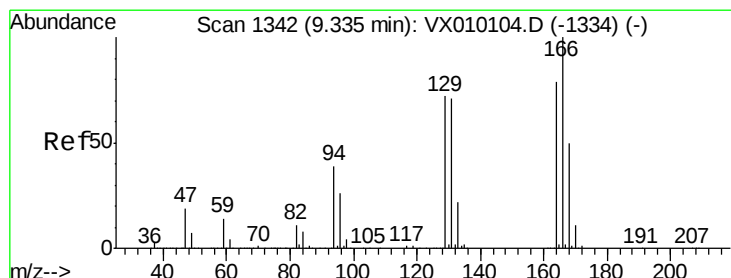
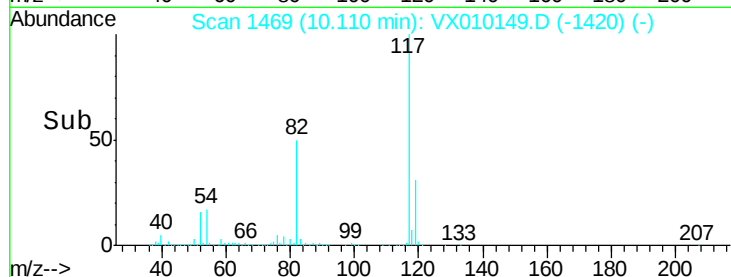
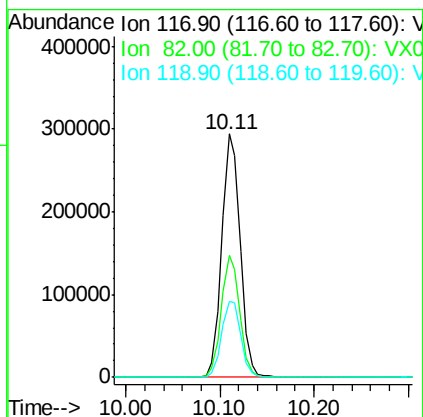
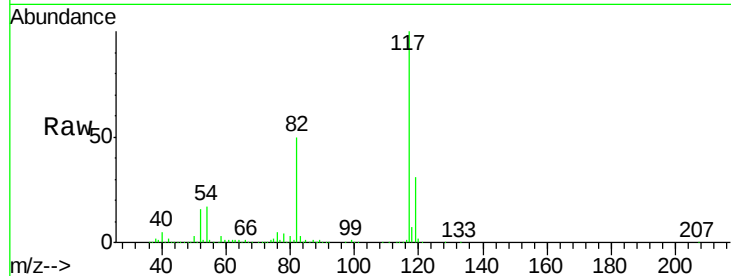




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010149.D
Acq: 08 Jun 2019 19:26

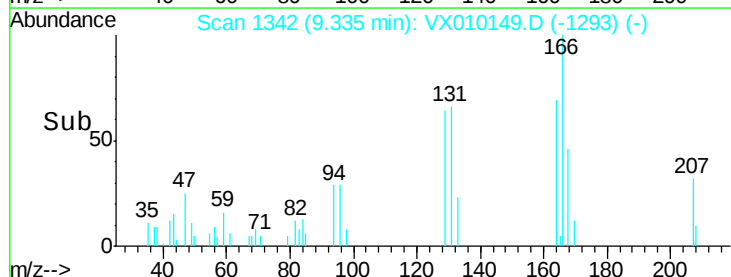
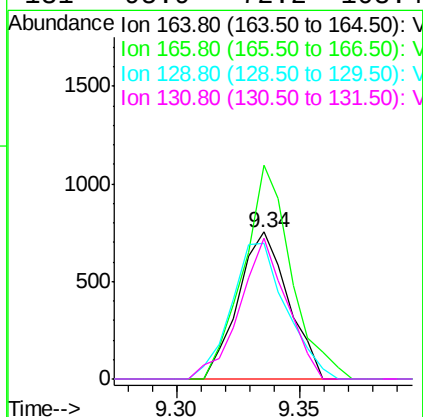
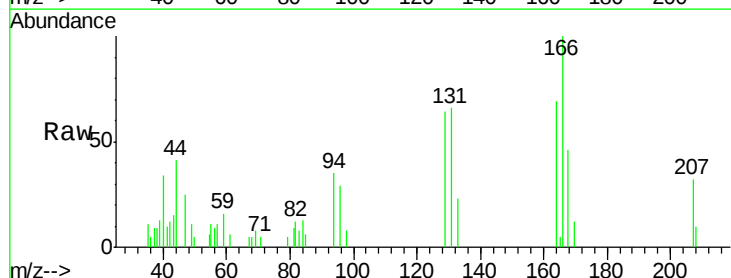
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP04-20190606

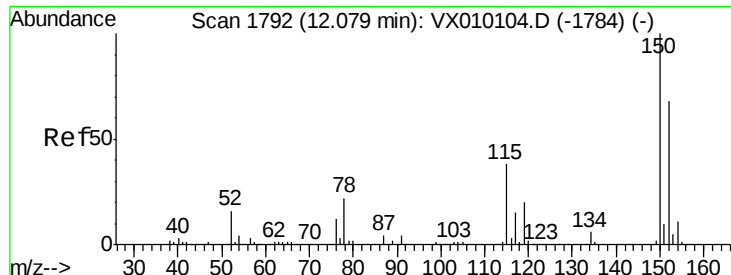
Tot Ion:117 Resp: 398286
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 31.2 25.2 37.8



#64
Tetrachloroethene
Concen: 0.363 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010149.D
Acq: 08 Jun 2019 19:26

Tgt Ion:164 Resp: 1075
Ion Ratio Lower Upper
164 100
166 145.6 105.0 157.4
129 92.8 75.1 112.7
131 95.9 72.2 108.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010149.D

Acq: 08 Jun 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP04-20190606

Tot Ion:152 Resp: 187639

Ion Ratio Lower Upper

152 100

115 54.7 41.4 124.2

150 157.8 0.0 345.2

