

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009318.D
 Acq On : 03 May 2019 18:37
 Operator : JC/SP
 Sample : K2662-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0518-190430

Quant Time: May 04 04:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

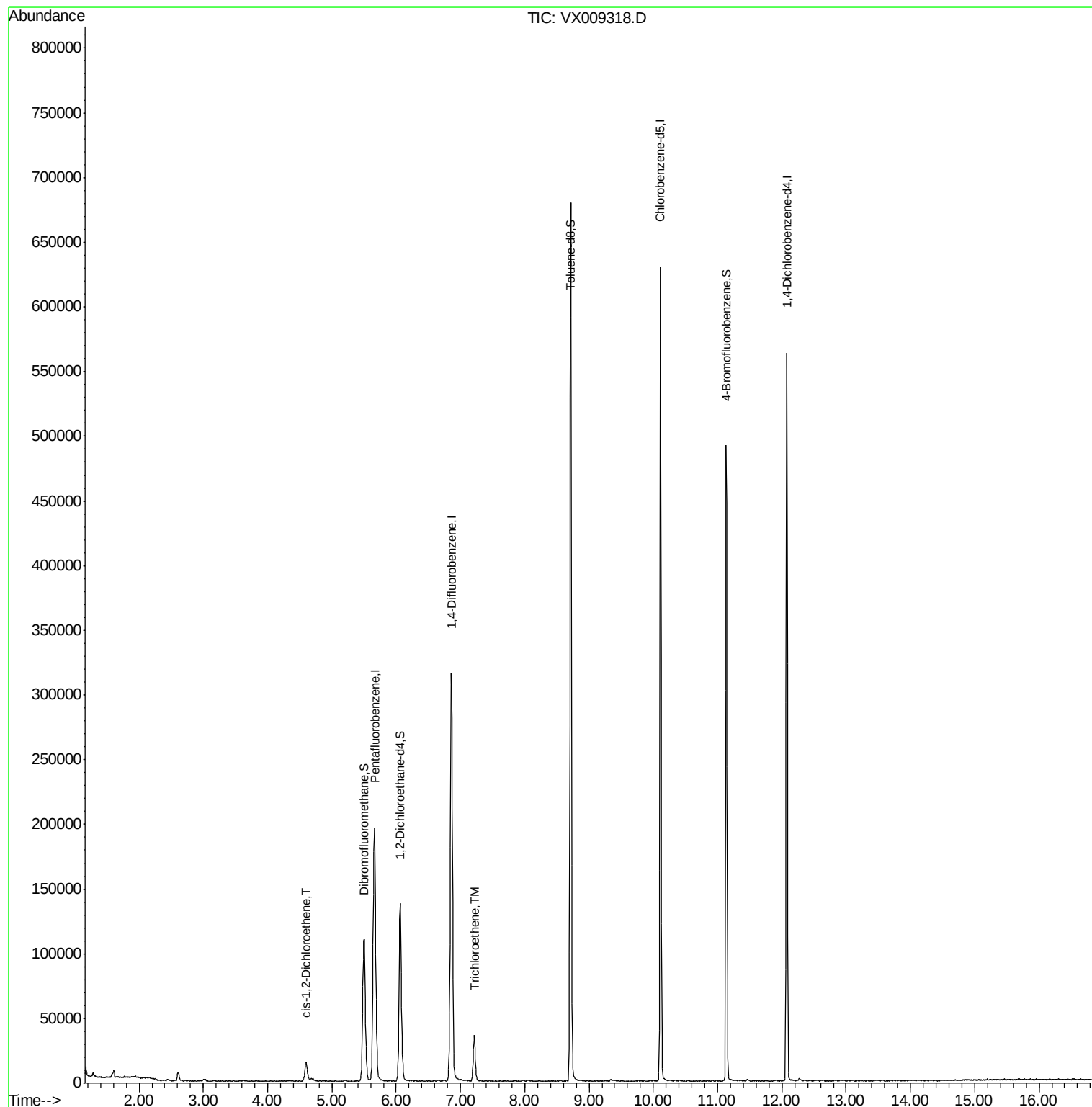
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128713	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	5.50	113	94915	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	390407	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	128070	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	8861	3.760	ug/l	88
44) Trichloroethene	7.21	130	13620	6.286	ug/l	98

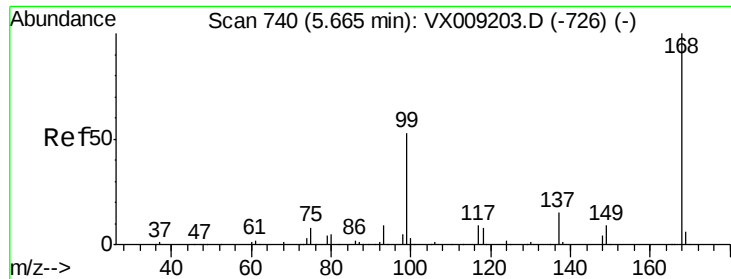
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009318.D

Acq: 03 May 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

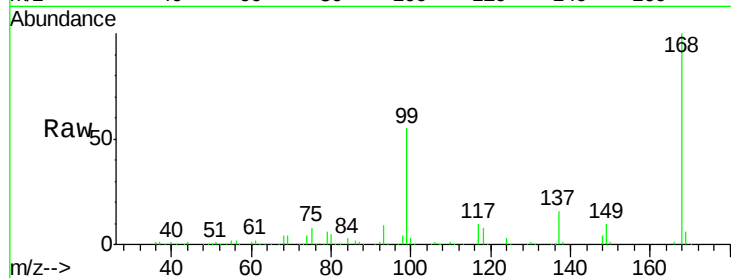
DUP-0518-190430

Tot Ion:168 Resp: 194005

Ion Ratio Lower Upper

168 100

99 55.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

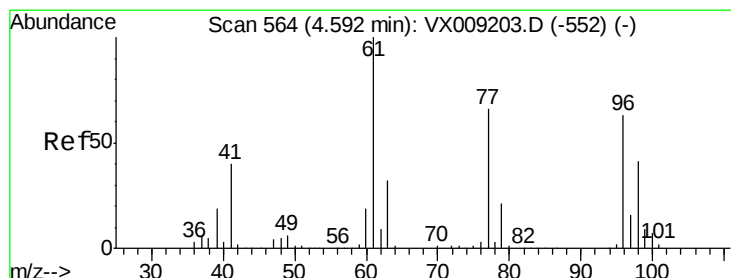
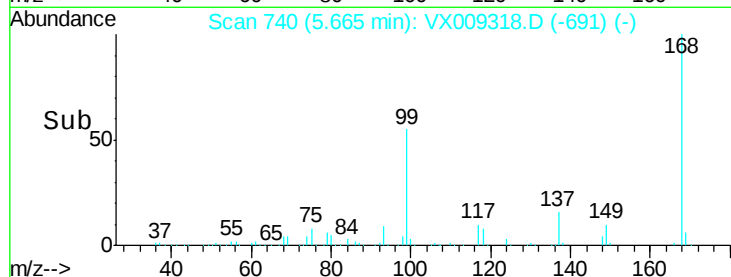
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.760 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009318.D

Acq: 03 May 2019 18:37

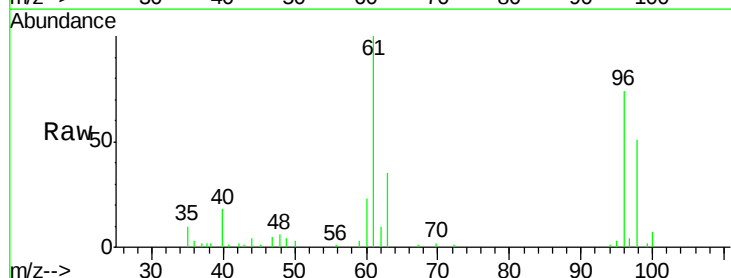
Tgt Ion: 96 Resp: 8861

Ion Ratio Lower Upper

96 100

61 140.1 0.0 324.0

98 64.6 0.0 130.4



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

6000

5000

4000

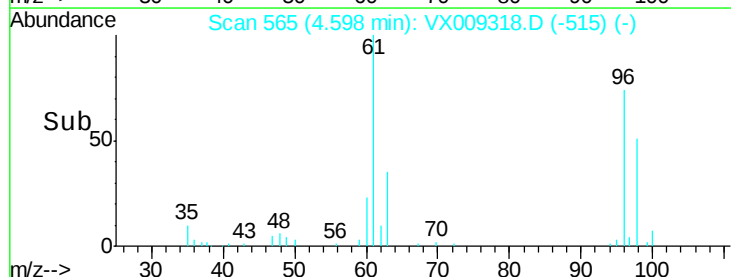
3000

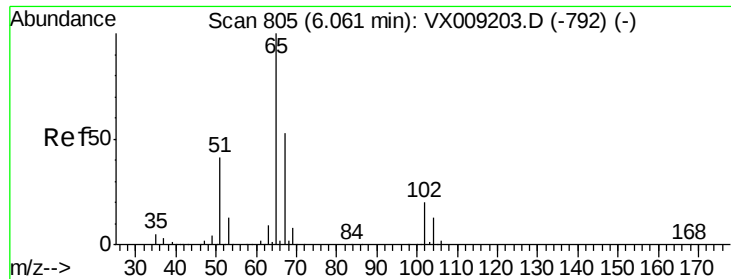
2000

1000

0

Time--> 4.50 4.60 4.70

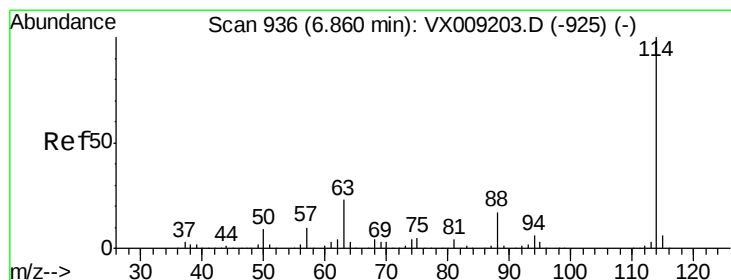
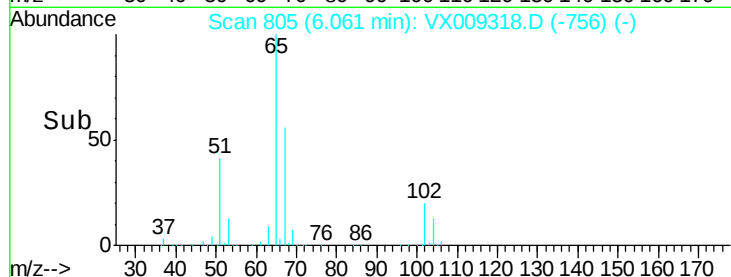
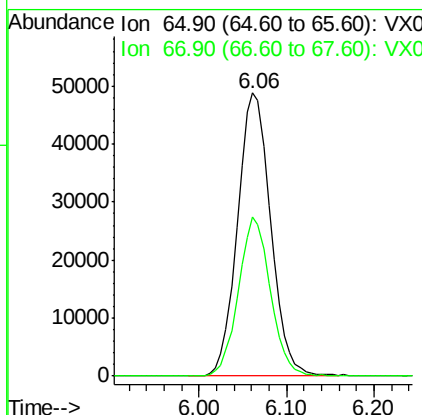
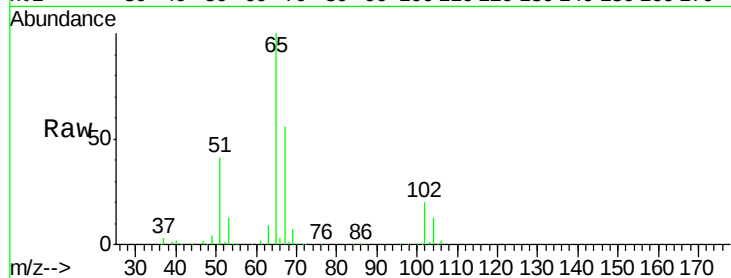




#33
 1,2-Dichloroethane-d4
 Concen: 48.600 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009318.D
 Acq: 03 May 2019 18:37

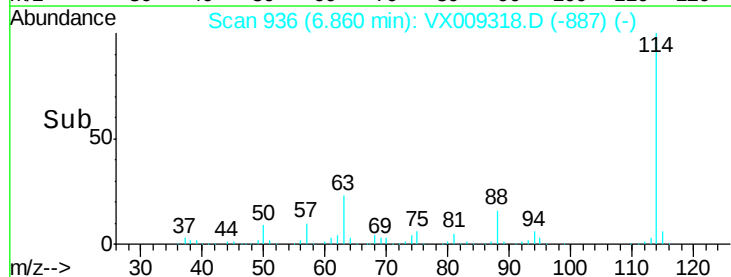
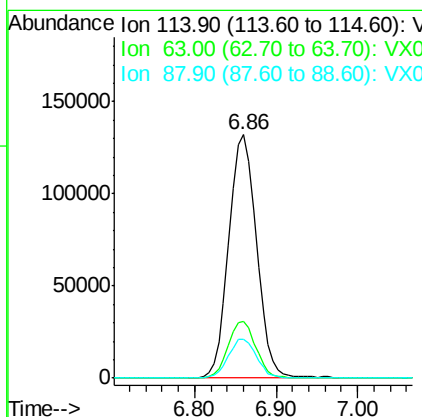
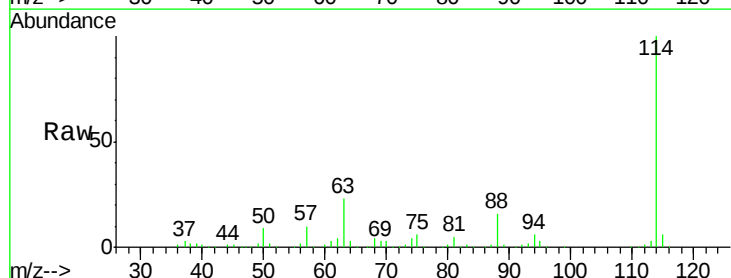
Instrument :
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 DUP-0518-190430

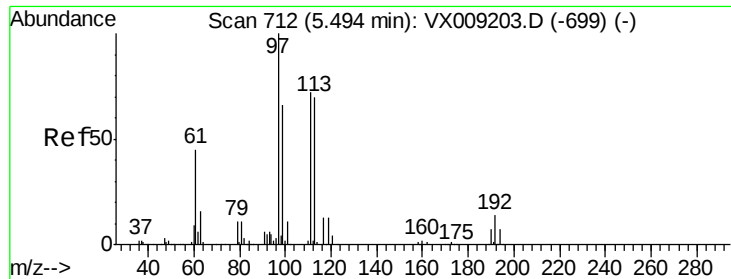
Tot Ion: 65 Resp: 128713
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009318.D
 Acq: 03 May 2019 18:37

Tgt Ion: 114 Resp: 311636
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.1 0.0 33.2

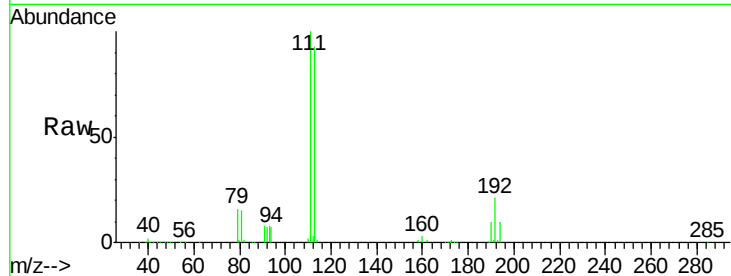




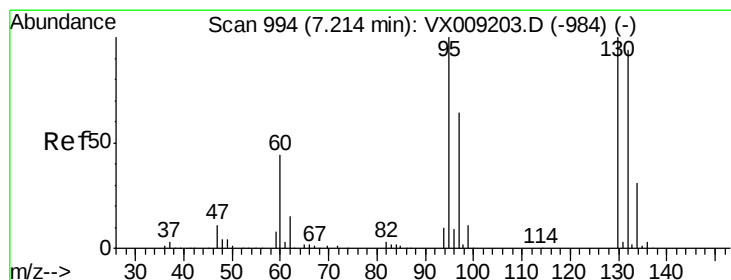
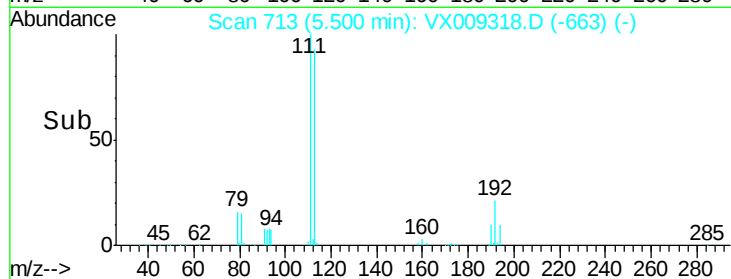
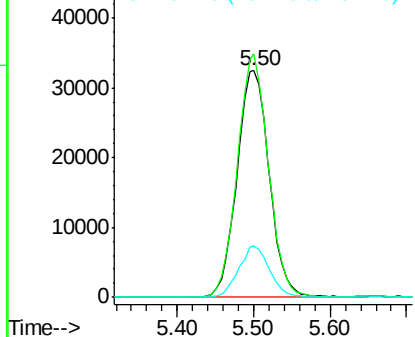
#35
 Dibromofluoromethane
 Concen: 48.449 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009318.D
 Acq: 03 May 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0518-190430

Tot Ion:113 Resp: 94915
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 21.8 17.0 25.6

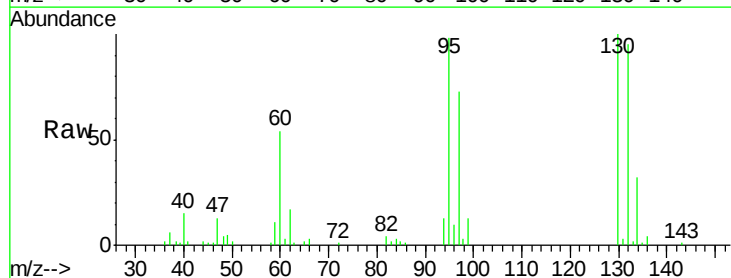


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

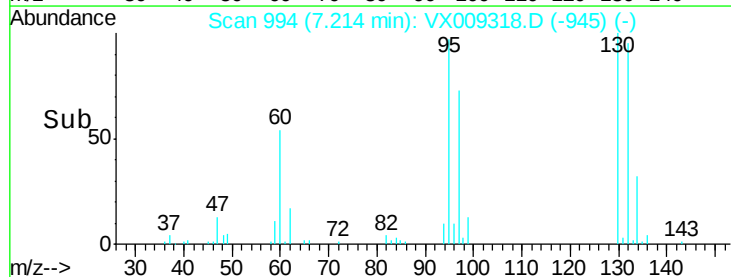
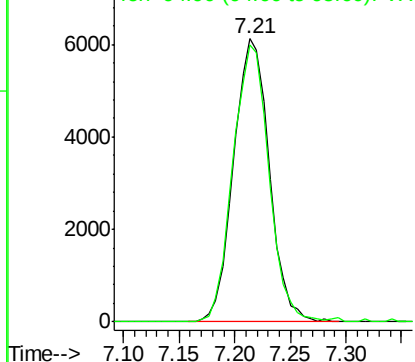


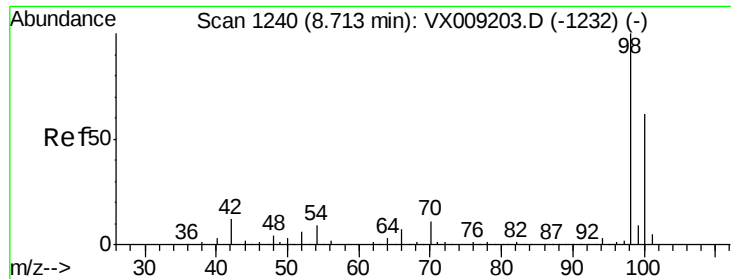
#44
 Trichloroethene
 Concen: 6.286 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009318.D
 Acq: 03 May 2019 18:37

Tgt Ion:130 Resp: 13620
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.361 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009318.D

Acq: 03 May 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

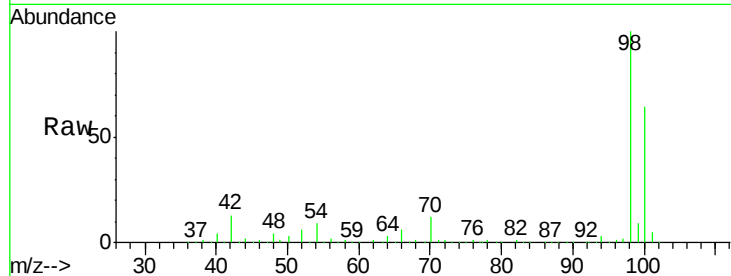
DUP-0518-190430

Tot Ion: 98 Resp: 390407

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

250000

200000

150000

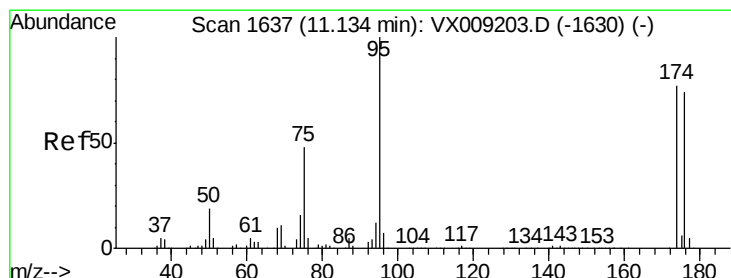
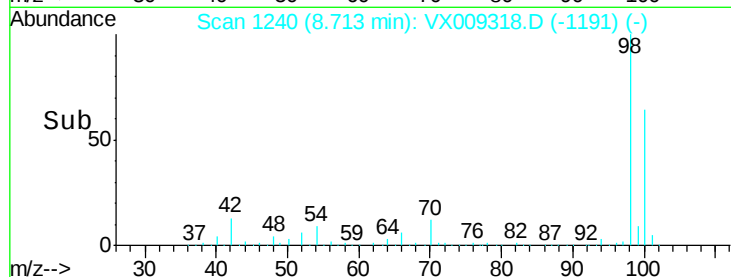
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009318.D

Acq: 03 May 2019 18:37

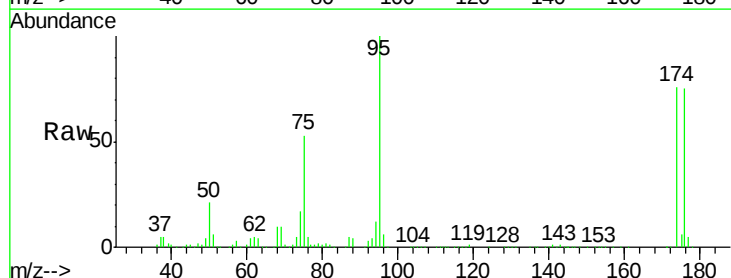
Tgt Ion: 95 Resp: 128070

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

176 80.3 0.0 159.2



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

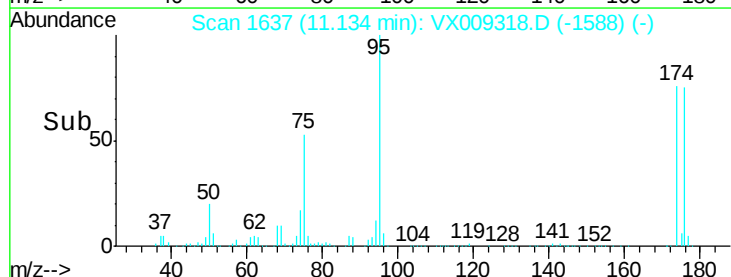
100000

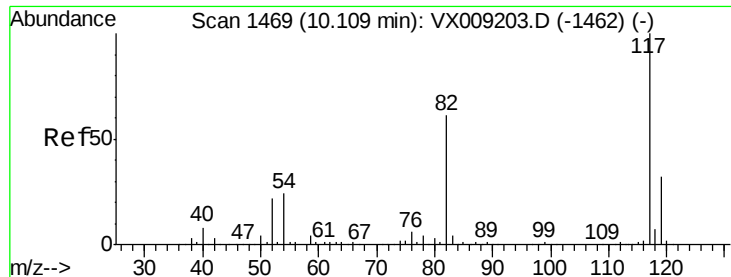
50000

0

11.10 11.20

Time-->

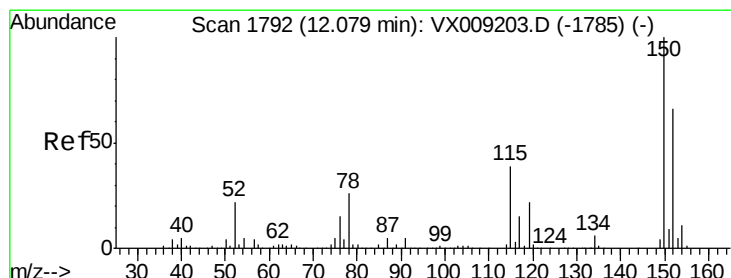
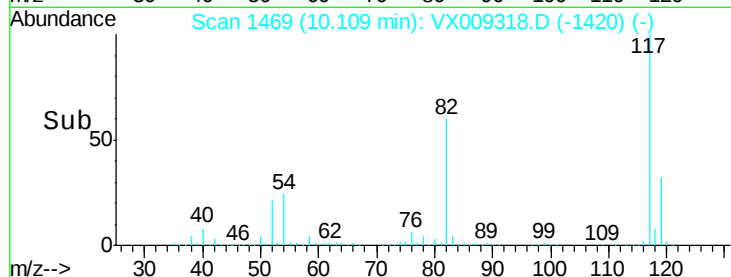
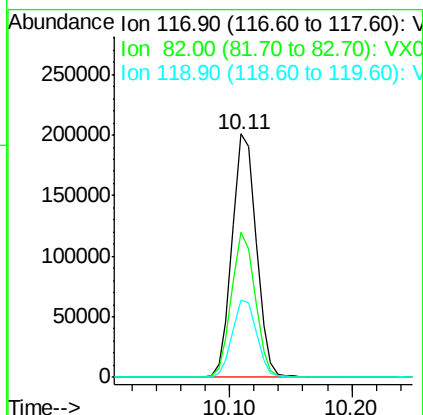
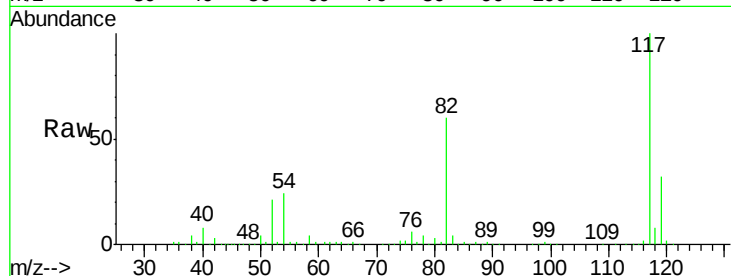




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009318.D
Acq: 03 May 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
DUP-0518-190430

Tot Ion:117 Resp: 273932
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009318.D
Acq: 03 May 2019 18:37

Tgt Ion:152 Resp: 116704
Ion Ratio Lower Upper
152 100
115 58.1 41.2 123.6
150 156.4 0.0 346.4

