

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009018.D
 Acq On : 17 Apr 2019 16:34
 Operator : JC/SP
 Sample : K2448-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037TW143-190415

Quant Time: Apr 18 03:18:35 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

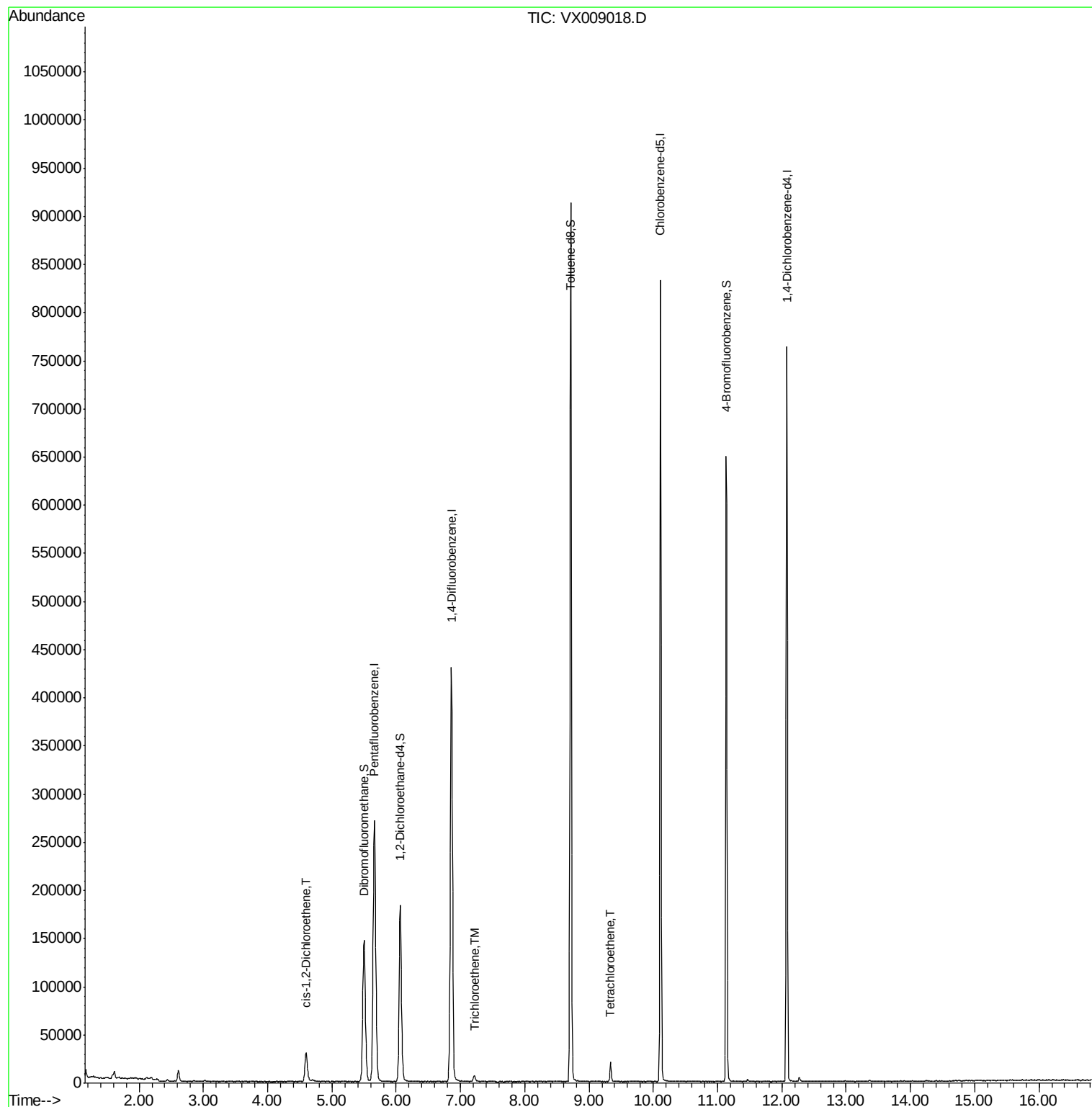
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171589	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	5.50	113	126899	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	8.71	98	523022	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.13	95	174230	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	19335	5.639	ug/l	88
44) Trichloroethene	7.21	130	2435	0.770	ug/l	96
64) Tetrachloroethene	9.34	164	3878	1.391	ug/l	93

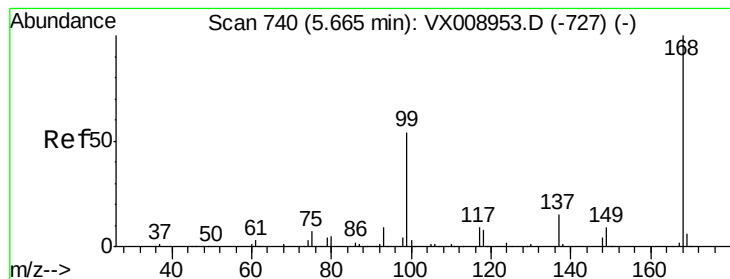
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009018.D

Acq: 17 Apr 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

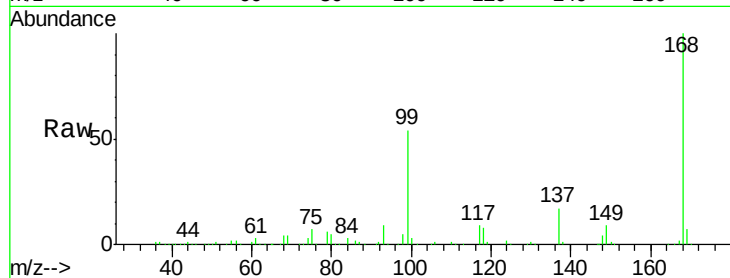
SS037TW143-190415

Tot Ion:168 Resp: 264003

Ion Ratio Lower Upper

168 100

99 54.4 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

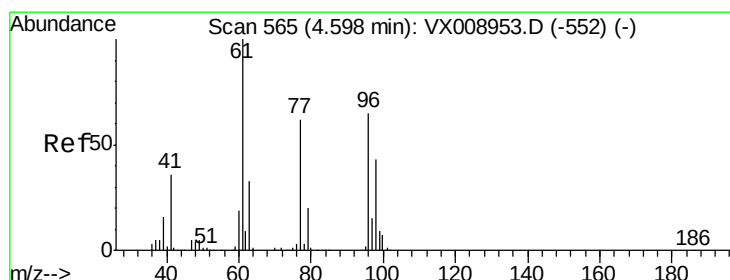
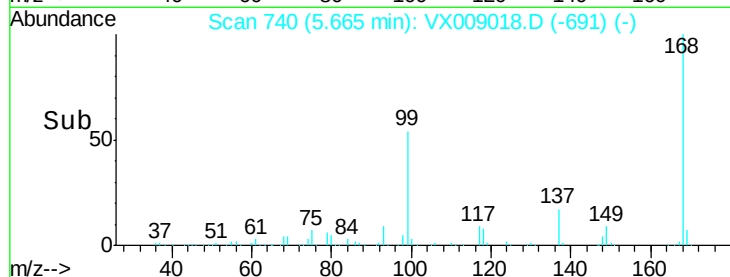
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 5.639 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009018.D

Acq: 17 Apr 2019 16:34

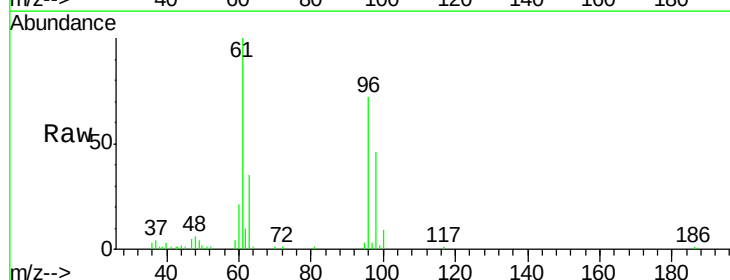
Tgt Ion: 96 Resp: 19335

Ion Ratio Lower Upper

96 100

61 139.4 0.0 322.0

98 63.8 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

12000

10000

8000

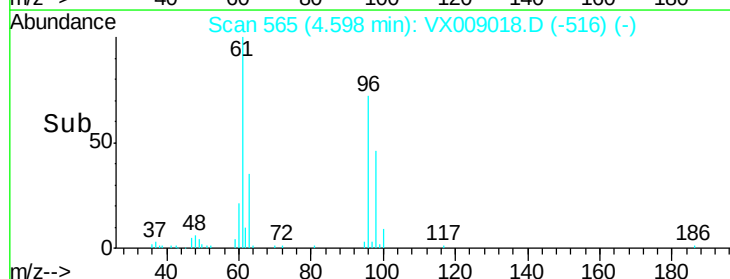
6000

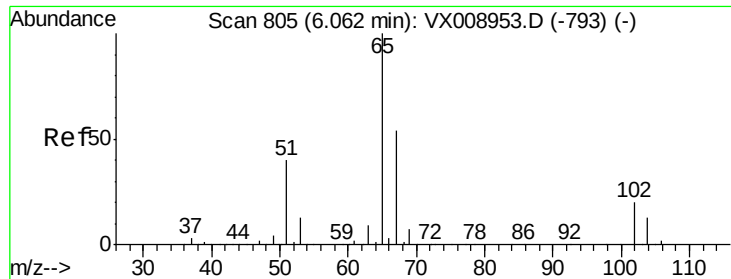
4000

2000

0

Time--> 4.50 4.60 4.70

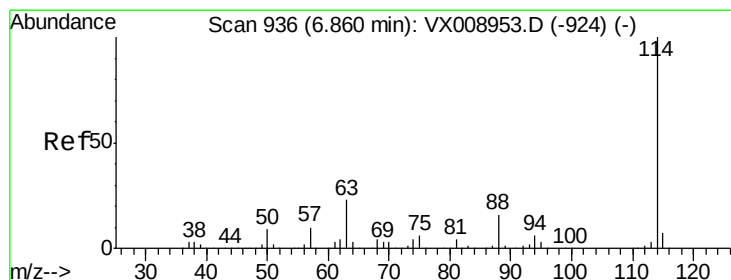
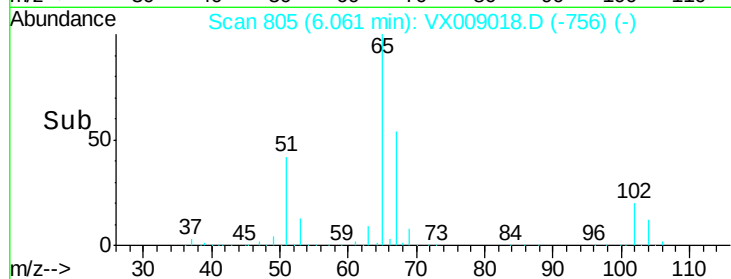
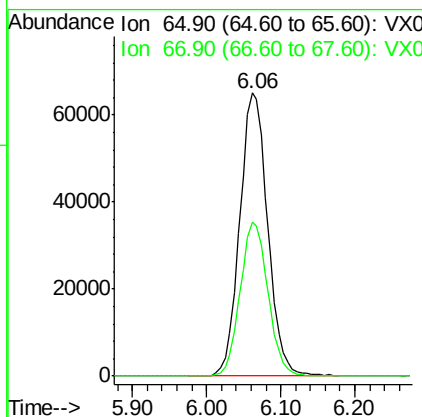
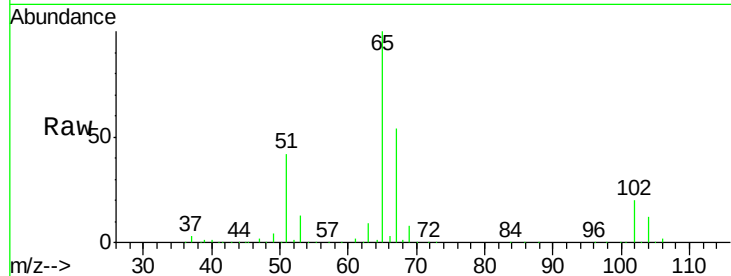




#33
 1,2-Dichloroethane-d4
 Concen: 46.119 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009018.D
 Acq: 17 Apr 2019 16:34

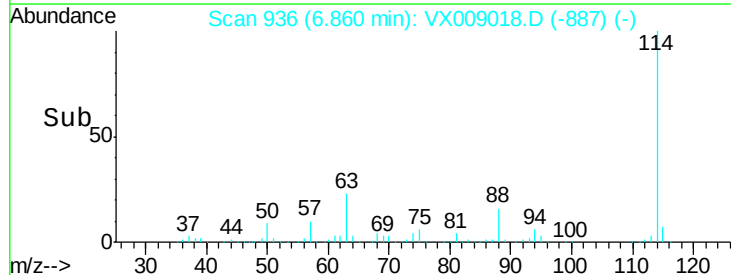
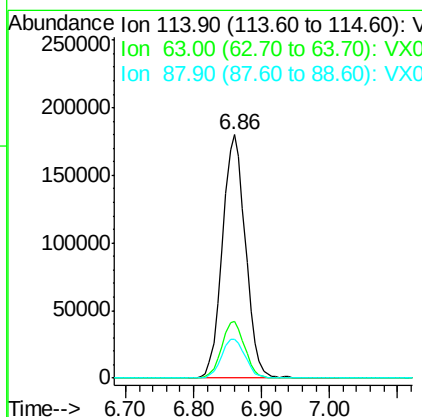
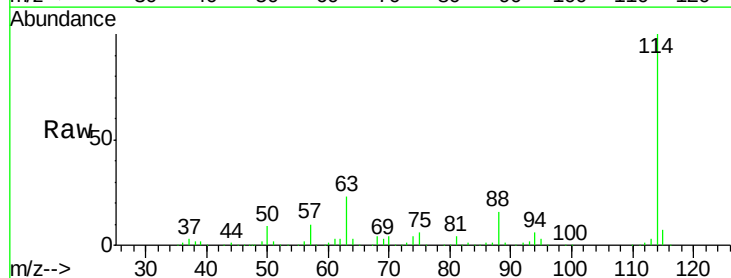
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037TW143-190415

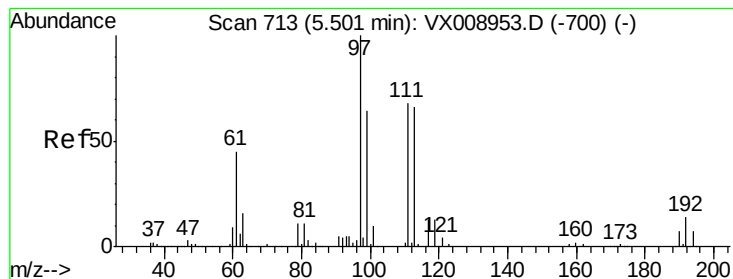
Tot Ion: 65 Resp: 171589
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009018.D
 Acq: 17 Apr 2019 16:34

Tgt Ion: 114 Resp: 423237
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.0
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.719 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009018.D

Acq: 17 Apr 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SS037TW143-190415

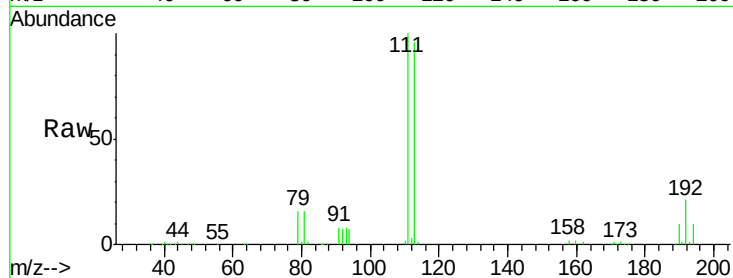
Tot Ion:113 Resp: 126899

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

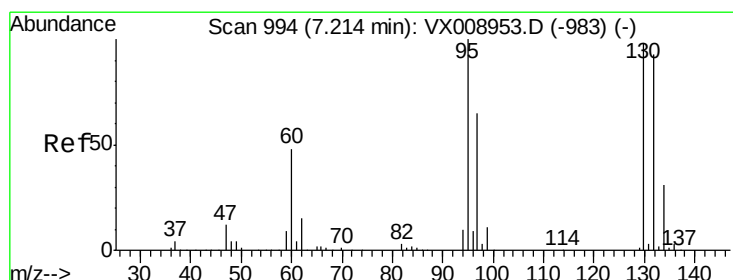
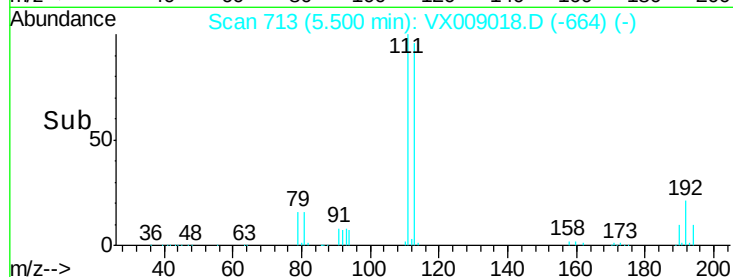
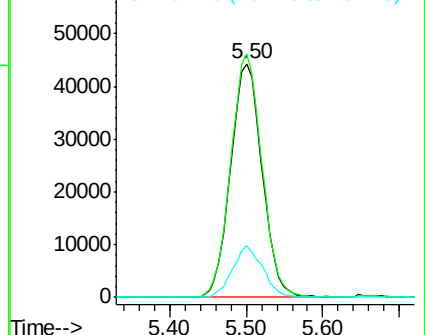
192 21.0 17.4 26.0



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: 0.770 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009018.D

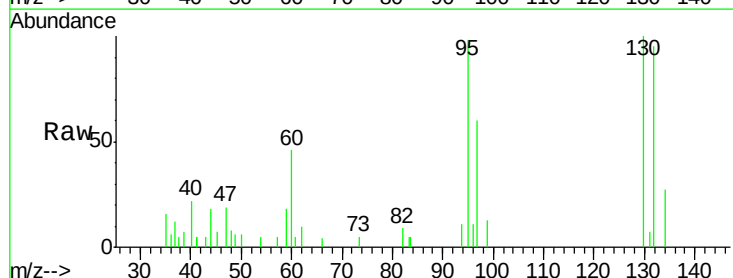
Acq: 17 Apr 2019 16:34

Tgt Ion:130 Resp: 2435

Ion Ratio Lower Upper

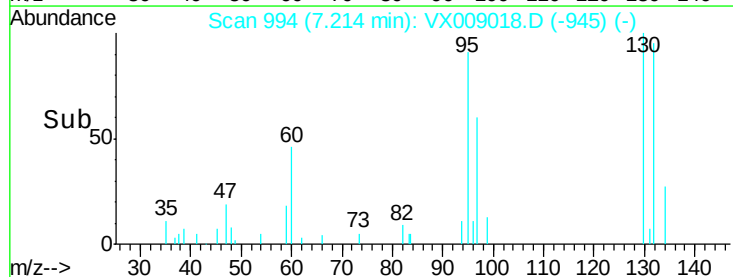
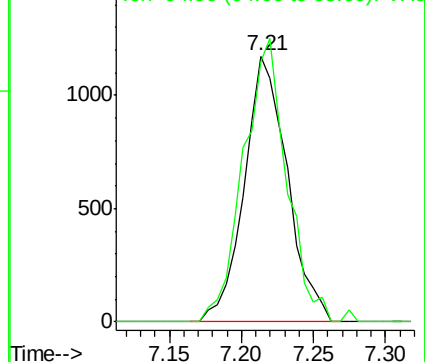
130 100

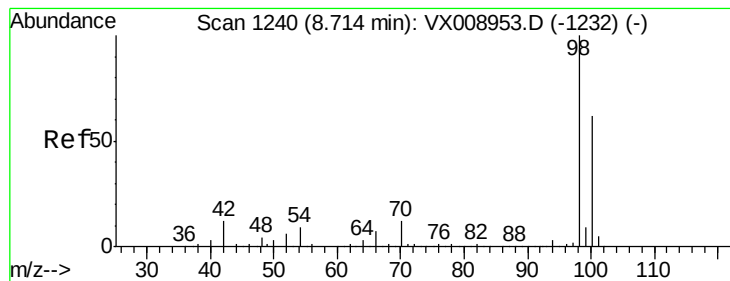
95 98.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.283 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009018.D

Acq: 17 Apr 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

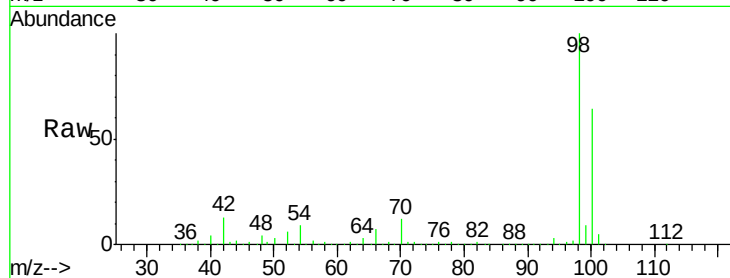
SS037TW143-190415

Tot Ion: 98 Resp: 523022

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

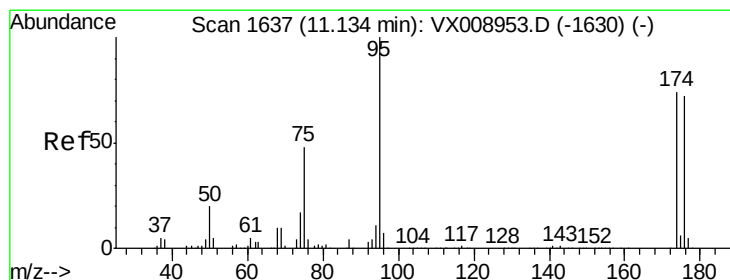
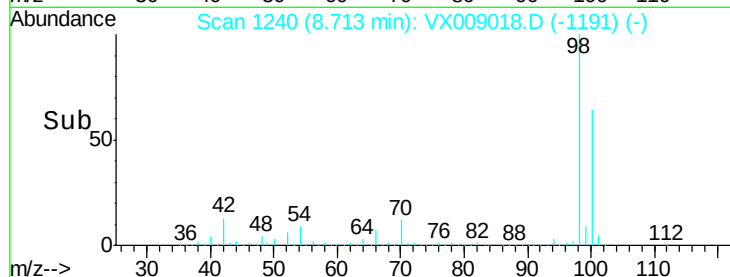
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.564 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009018.D

Acq: 17 Apr 2019 16:34

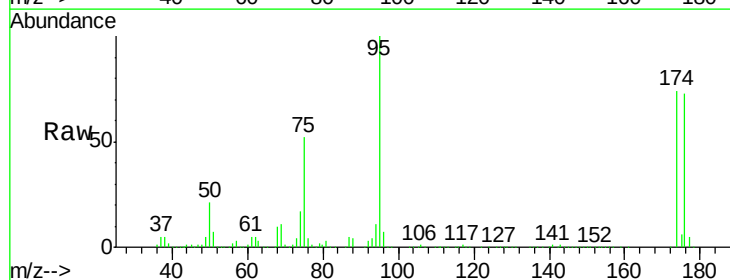
Tgt Ion: 95 Resp: 174230

Ion Ratio Lower Upper

95 100

174 78.1 0.0 159.6

176 76.0 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

11.13

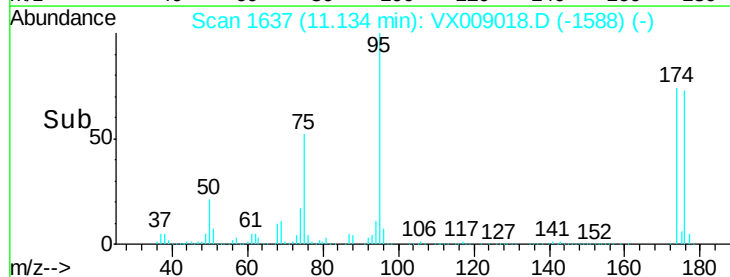
150000

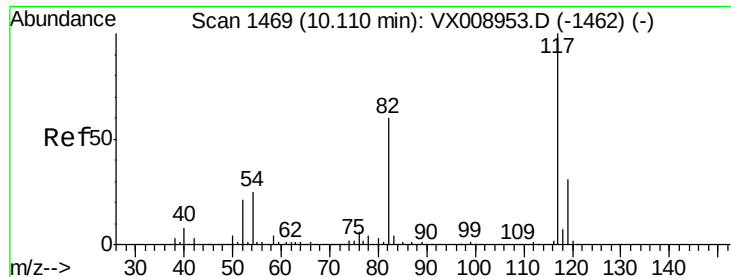
100000

50000

0

Time--> 11.10 11.20 11.30

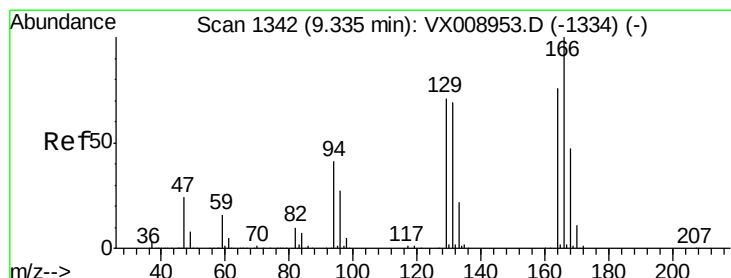
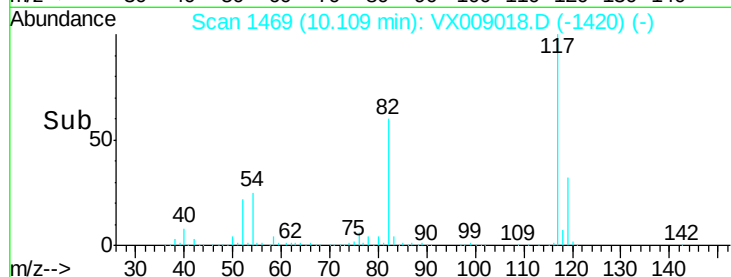
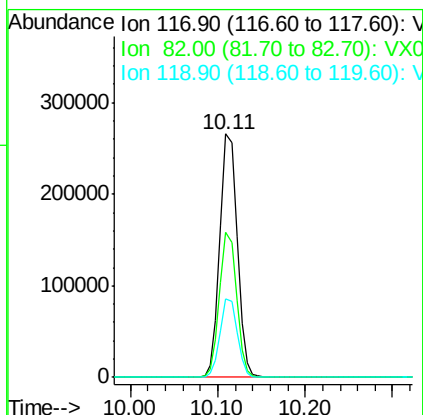
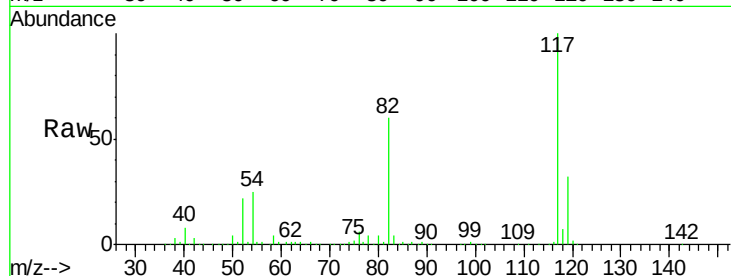




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009018.D
Acq: 17 Apr 2019 16:34

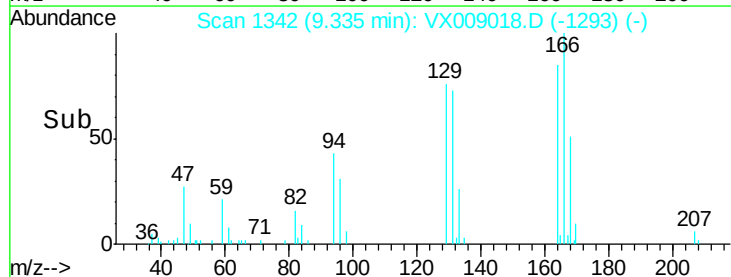
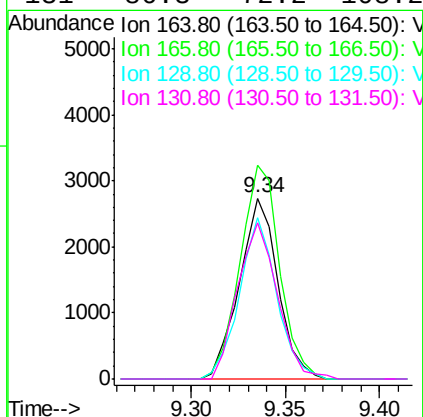
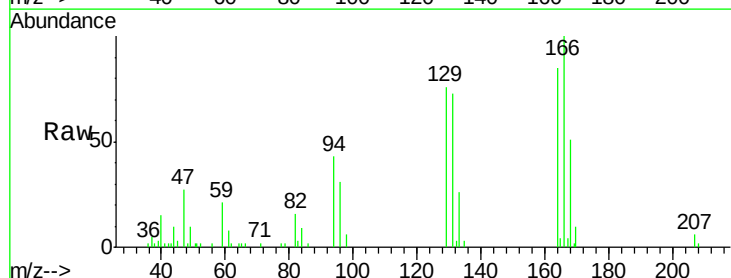
Instrument :
MSVOA_X
ClientSampleId :
SS037TW143-190415

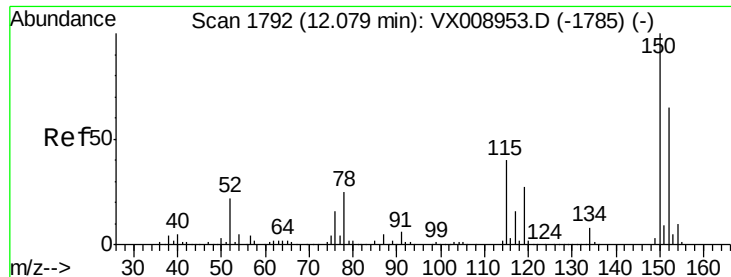
Tot Ion:117 Resp: 367054
Ion Ratio Lower Upper
117 100
82 59.7 48.2 72.4
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 1.391 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009018.D
Acq: 17 Apr 2019 16:34

Tgt Ion:164 Resp: 3878
Ion Ratio Lower Upper
164 100
166 118.1 105.0 157.4
129 89.4 74.2 111.4
131 86.3 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: VX009018.D

Acq: 17 Apr 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SS037TW143-190415

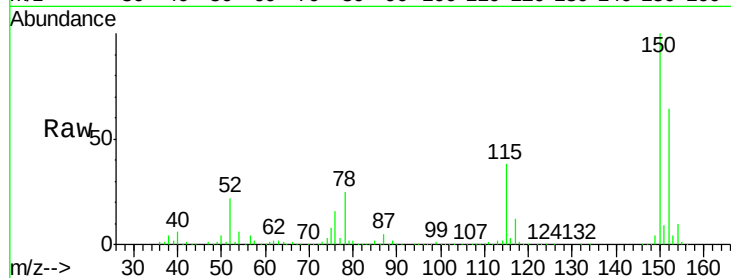
Tot Ion:152 Resp: 153276

Ion Ratio Lower Upper

152 100

115 60.1 41.4 124.2

150 156.9 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

