

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008809.D
 Acq On : 10 Apr 2019 16:43
 Operator : JC/SP
 Sample : K2349-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW109-190409

Quant Time: Apr 11 07:51:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

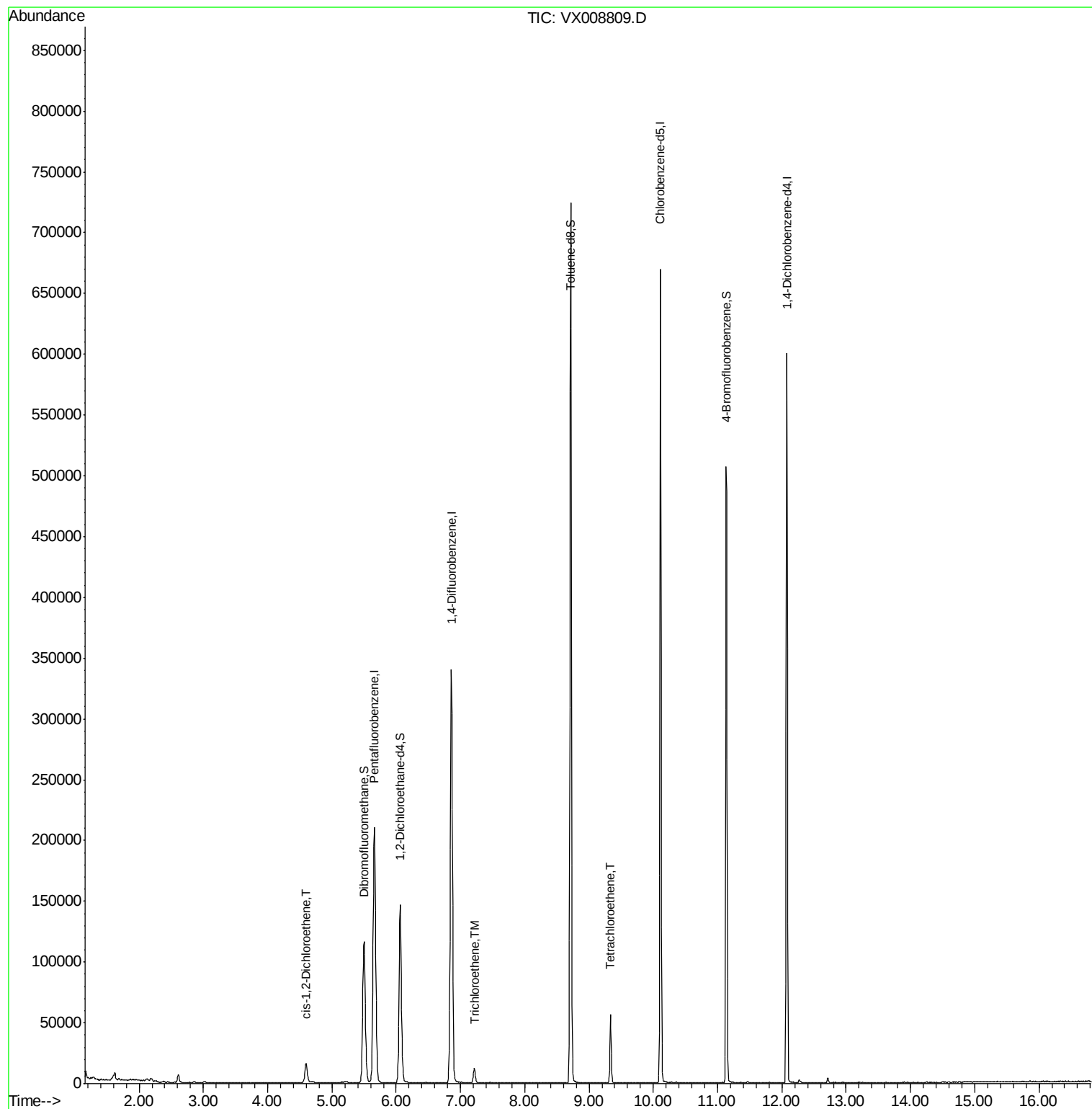
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135459	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
35) Dibromofluoromethane	5.50	113	99855	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	415047	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	138351	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	9649	3.298	ug/l	89
44) Trichloroethene	7.21	130	4278	1.700	ug/l	94
64) Tetrachloroethene	9.33	164	11178	5.242	ug/l	96

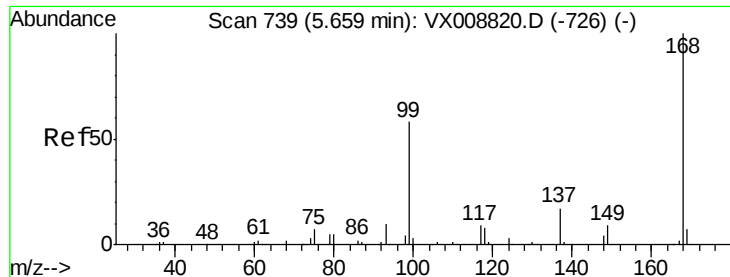
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

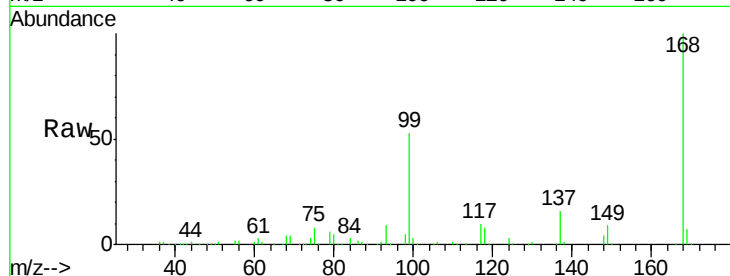
SS037MW109-190409

Tot Ion:168 Resp: 203507

Ion Ratio Lower Upper

168 100

99 53.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

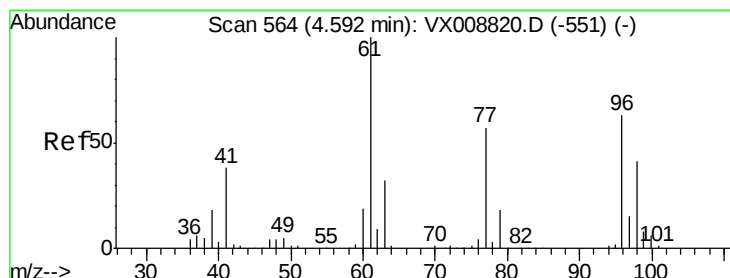
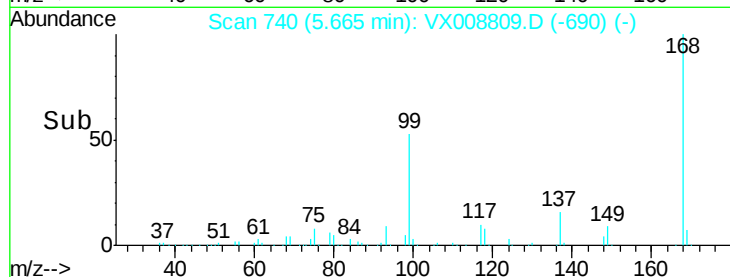
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.298 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

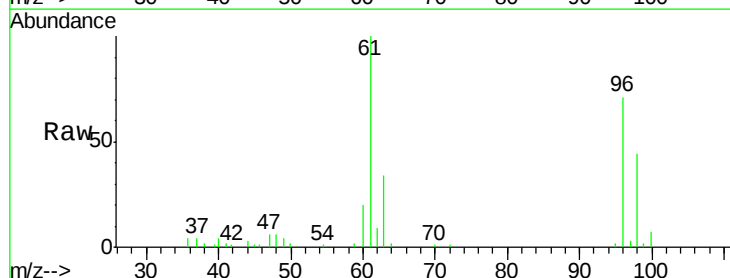
Tgt Ion: 96 Resp: 9649

Ion Ratio Lower Upper

96 100

61 143.6 0.0 327.6

98 63.6 0.0 128.6



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

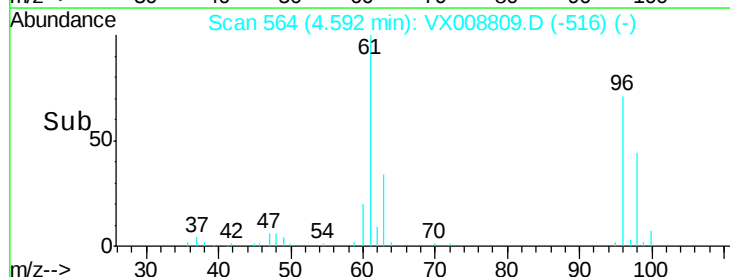
6000

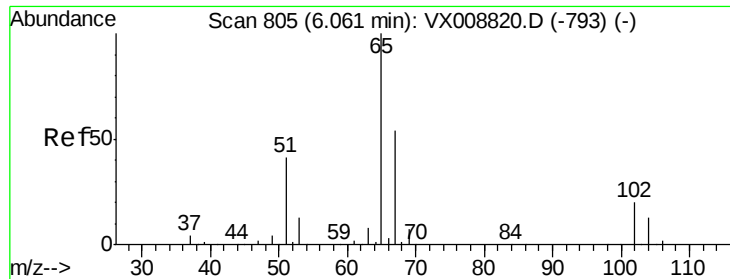
4000

2000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 45.636 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

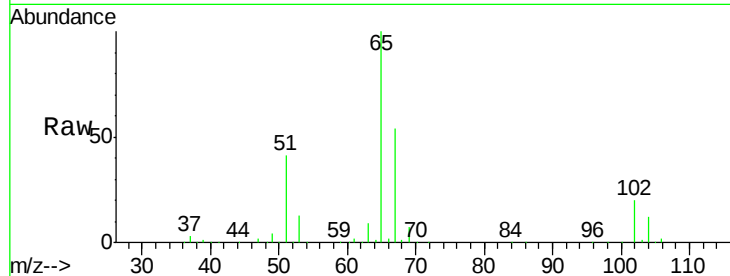
SS037MW109-190409

Tot Ion: 65 Resp: 135459

Ion Ratio Lower Upper

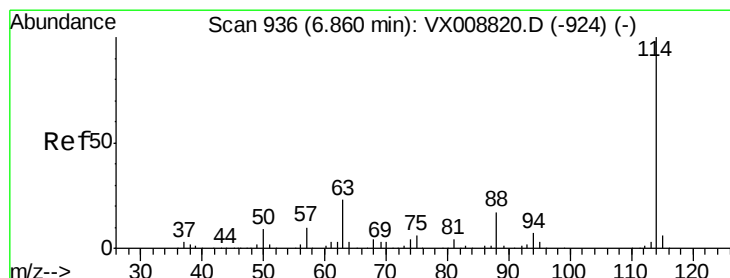
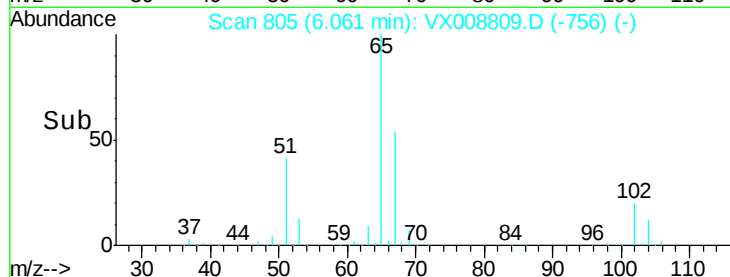
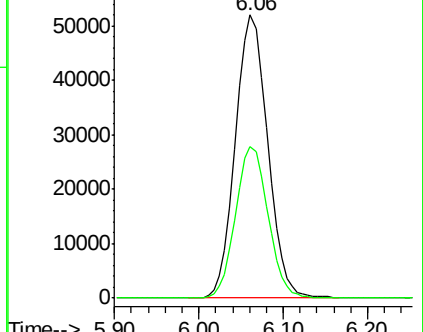
65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

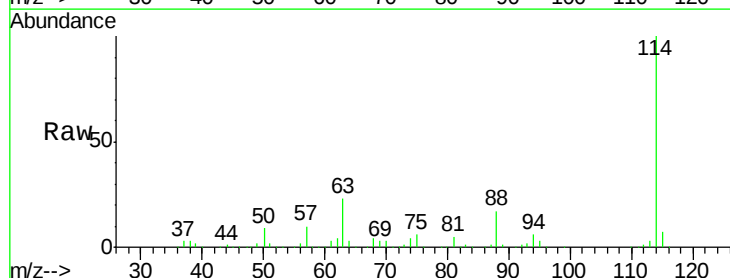
Tgt Ion: 114 Resp: 331853

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

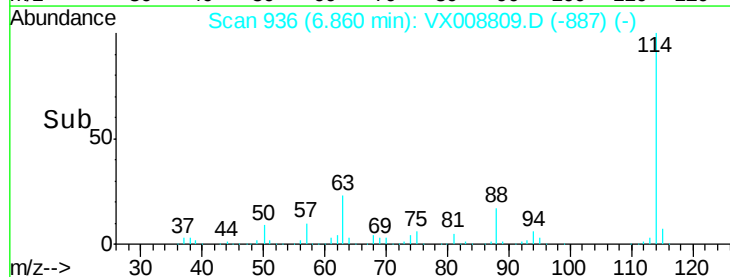
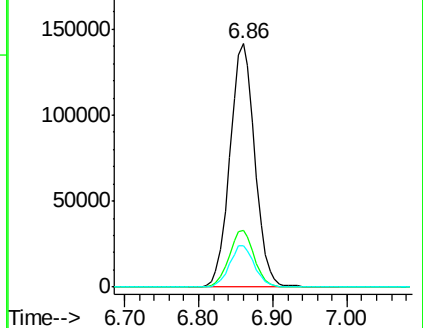
88 17.0 0.0 34.0

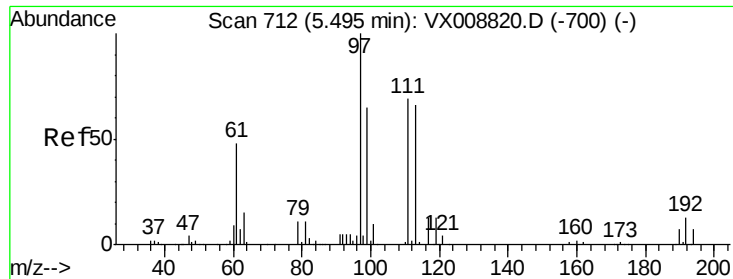


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

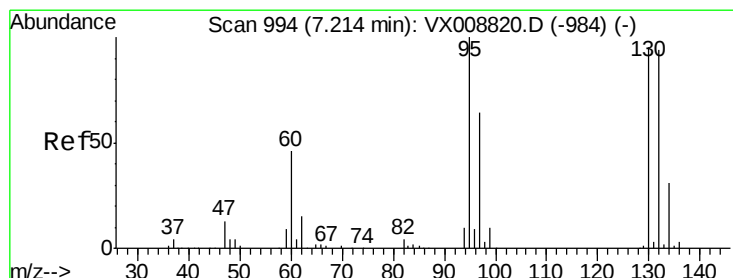
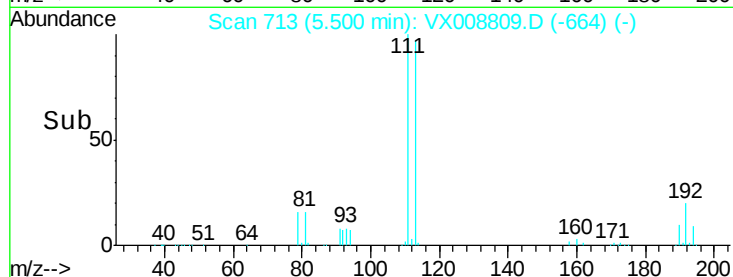
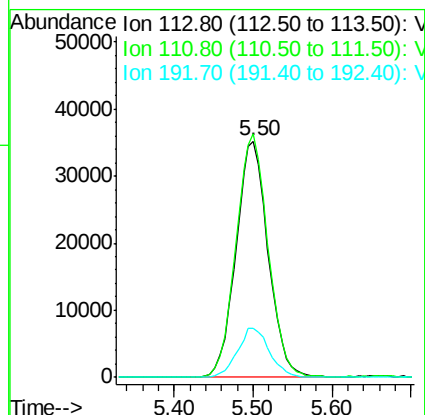
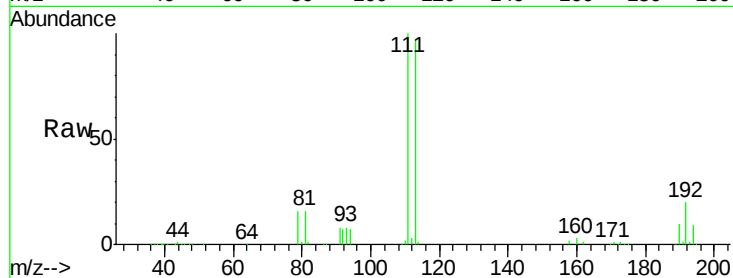




#35
 Dibromofluoromethane
 Concen: 47.063 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008809.D
 Acq: 10 Apr 2019 16:43

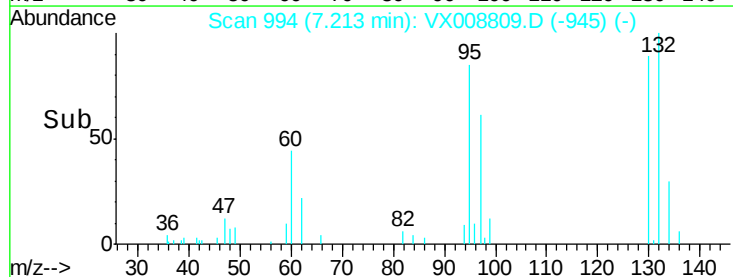
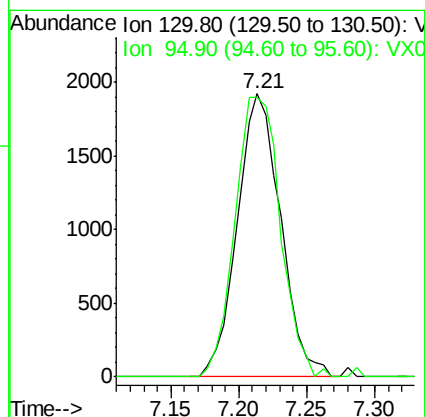
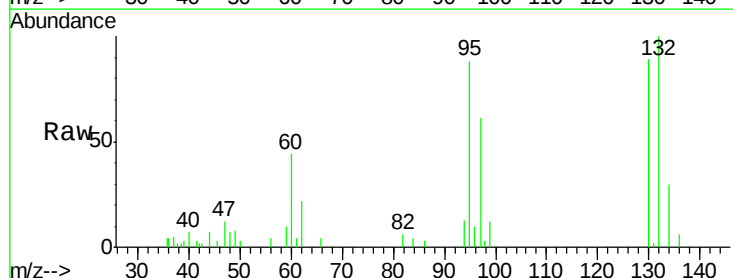
Instrument :
 MSVOA_X
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 SS037MW109-190409

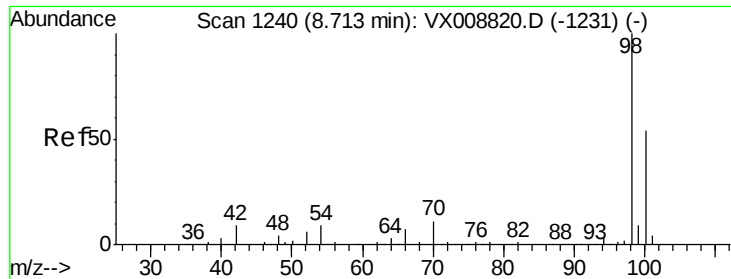
Tot Ion:113 Resp: 99855
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 21.0 16.1 24.1



#44
 Trichloroethene
 Concen: 1.700 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008809.D
 Acq: 10 Apr 2019 16:43

Tgt Ion:130 Resp: 4278
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 209.8





#50

Toluene-d8

Concen: 49.128 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

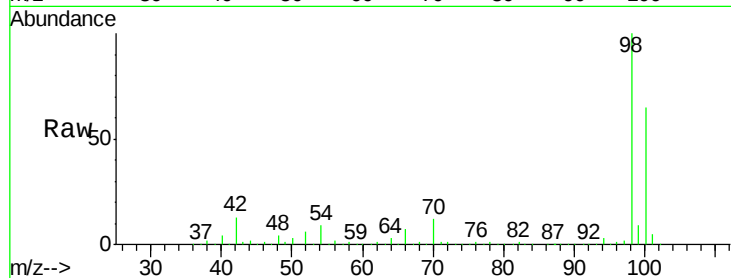
SS037MW109-190409

Tot Ion: 98 Resp: 415047

Ion Ratio Lower Upper

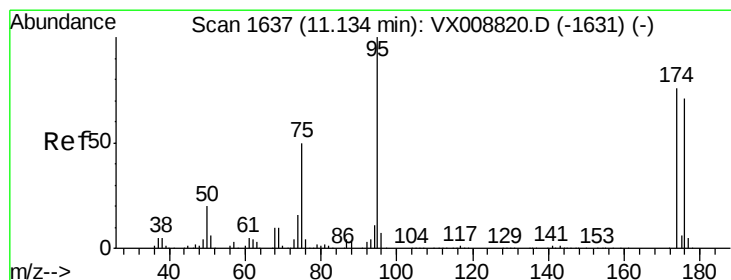
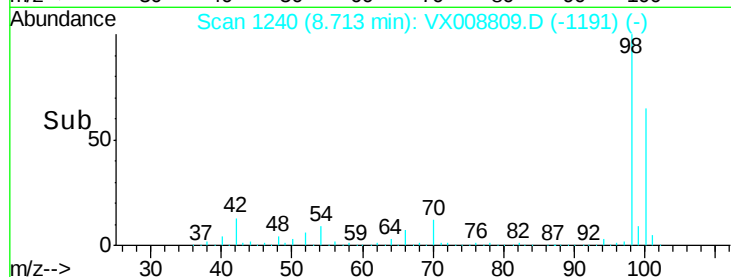
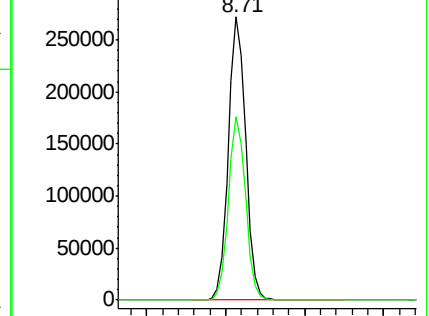
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.181 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008809.D

Acq: 10 Apr 2019 16:43

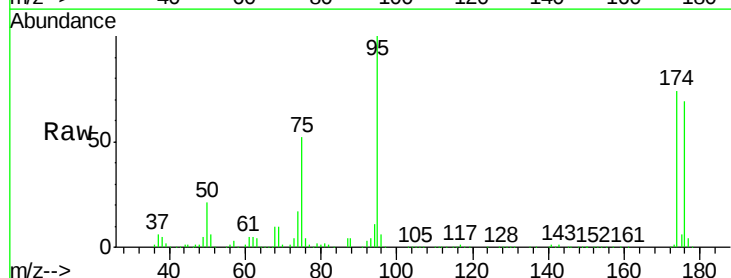
Tgt Ion: 95 Resp: 138351

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.8

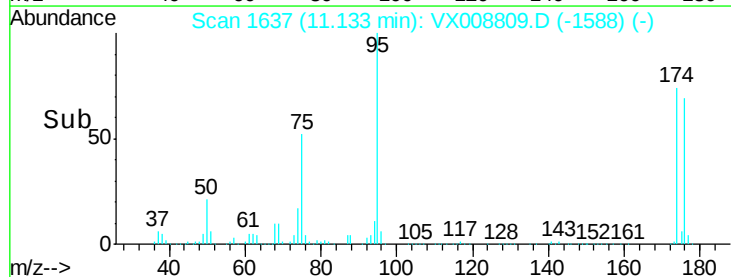
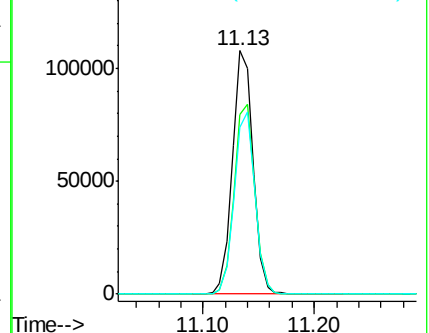
176 75.1 0.0 145.8

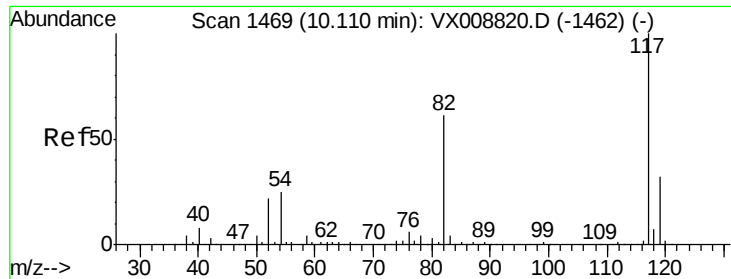


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

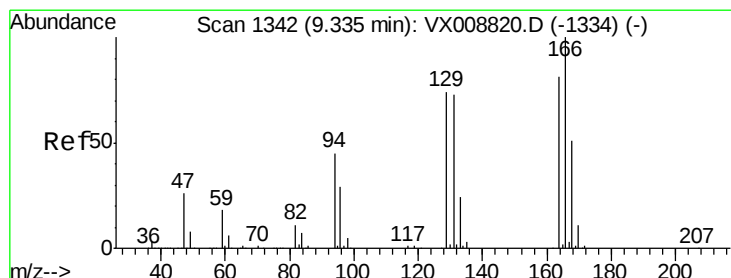
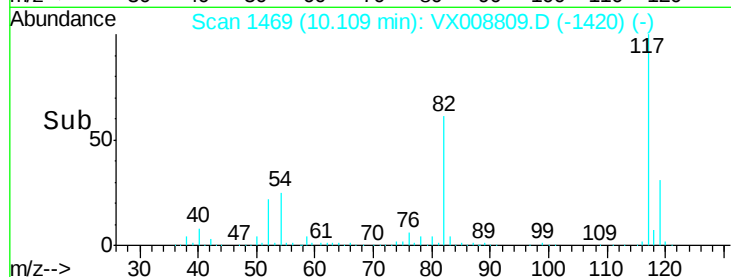
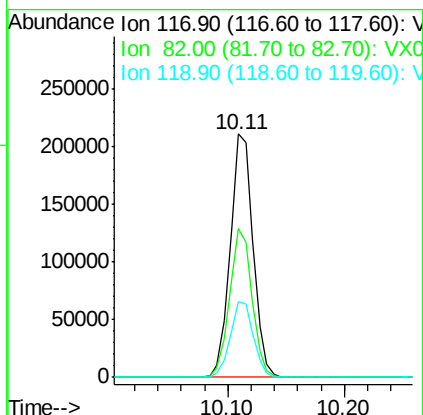
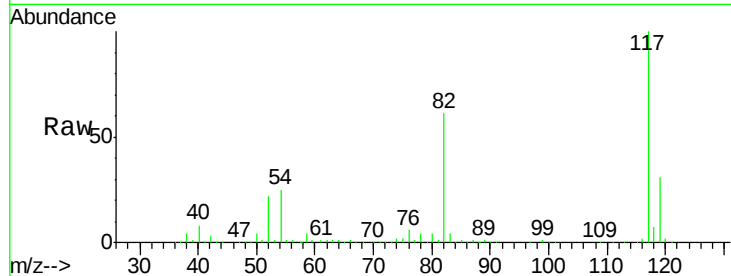




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008809.D
Acq: 10 Apr 2019 16:43

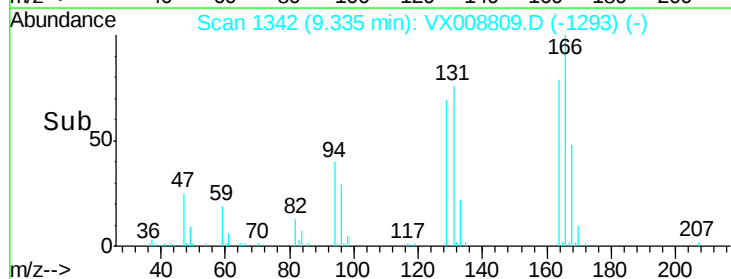
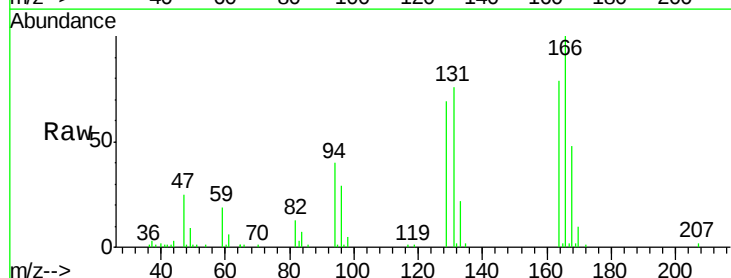
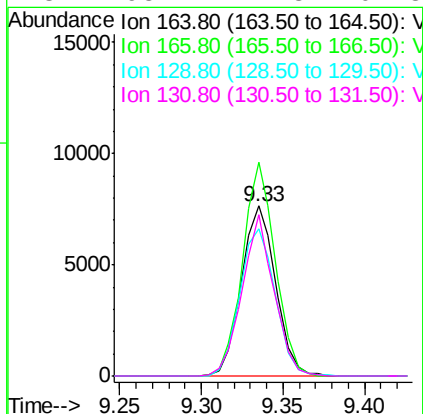
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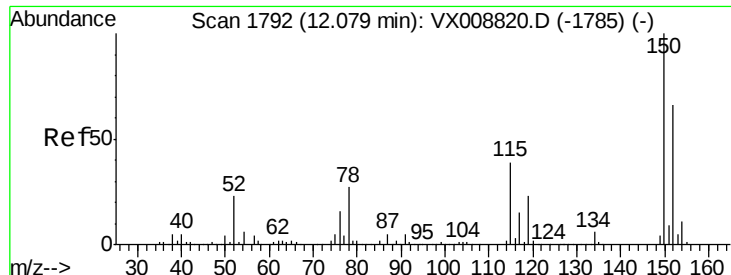
Tot Ion:117 Resp: 287789
Ion Ratio Lower Upper
117 100
82 61.4 49.6 74.4
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 5.242 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008809.D
Acq: 10 Apr 2019 16:43

Tgt Ion:164 Resp: 11178
Ion Ratio Lower Upper
164 100
166 125.8 101.0 151.6
129 86.6 75.8 113.8
131 95.4 71.8 107.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008809.D

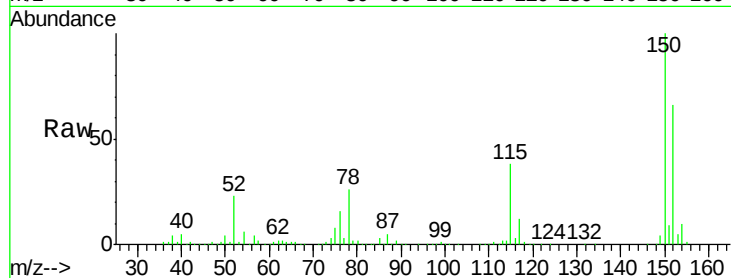
Acq: 10 Apr 2019 16:43

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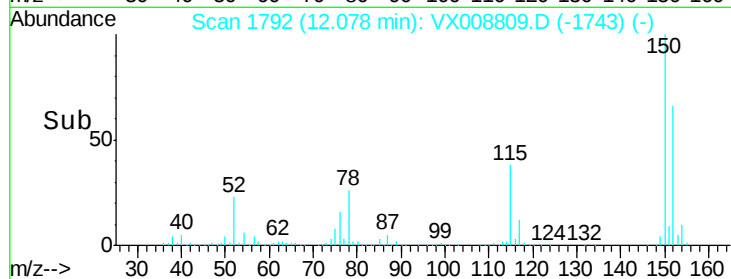
Tot Ion:152 Resp: 120669

Ion Ratio Lower Upper

152 100

115 59.7 43.5 130.5

150 154.5 0.0 348.8



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

