

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008939.D
 Acq On : 13 Apr 2019 18:05
 Operator : JC/SP
 Sample : K2385-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-190410

Quant Time: Apr 15 03:54:14 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

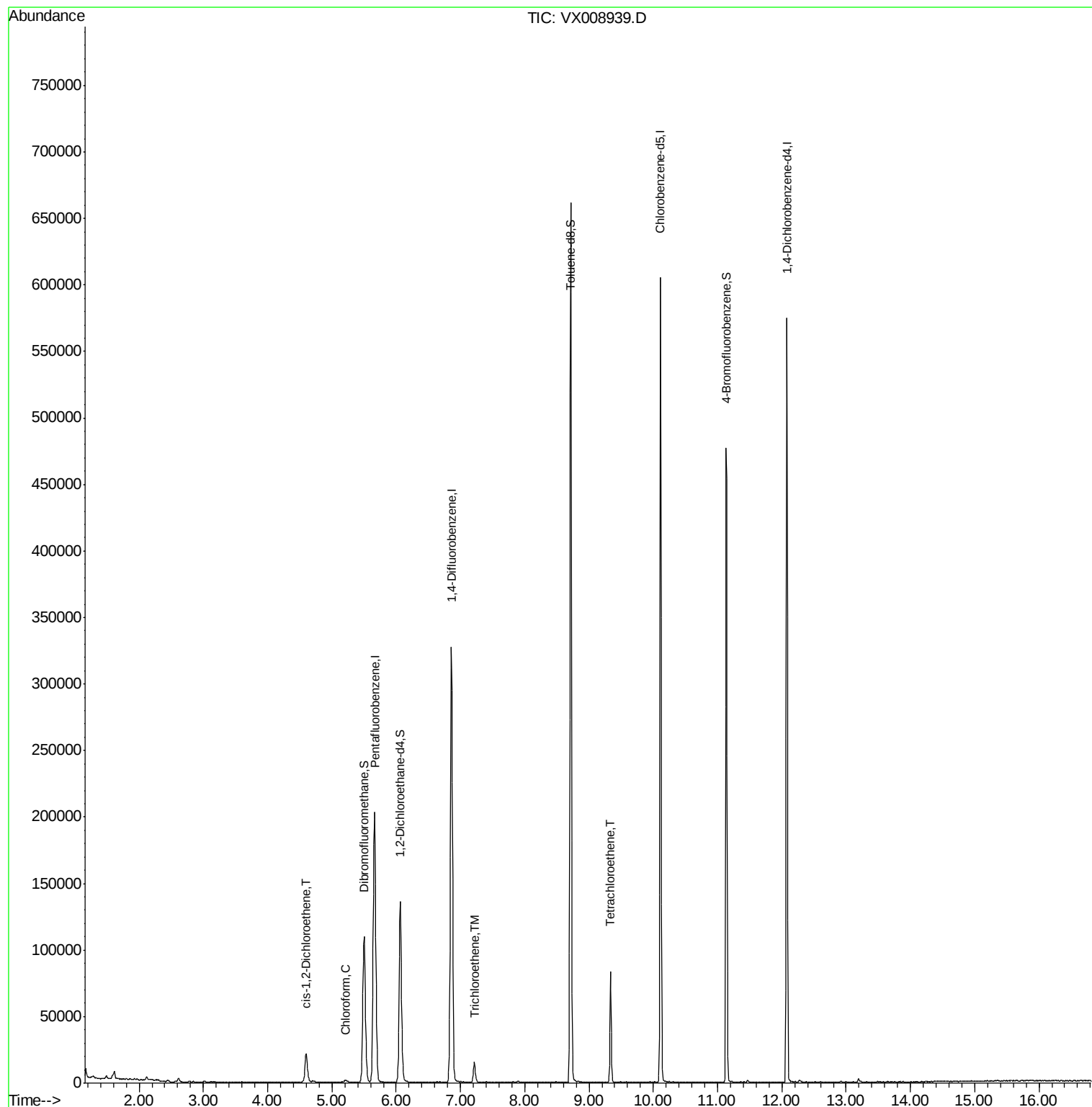
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129801	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
35) Dibromofluoromethane	5.50	113	94392	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	388157	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	127559	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	13452	4.763	ug/l	87
30) Chloroform	5.21	83	1695	0.383	ug/l	88
44) Trichloroethene	7.21	130	5738	2.376	ug/l	88
64) Tetrachloroethene	9.34	164	16160	8.024	ug/l	99

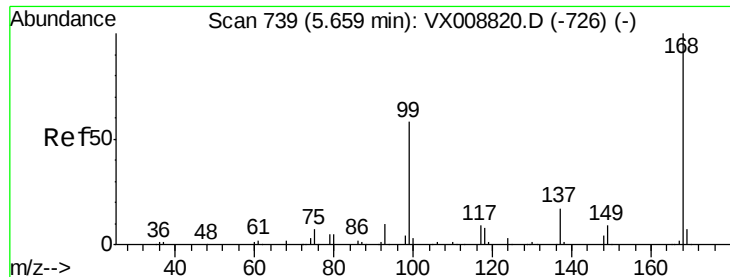
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008939.D

Acq: 13 Apr 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

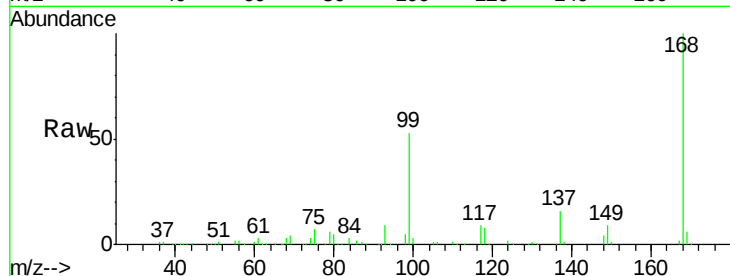
SS037MW110-190410

Tot Ion:168 Resp: 196437

Ion Ratio Lower Upper

168 100

99 53.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

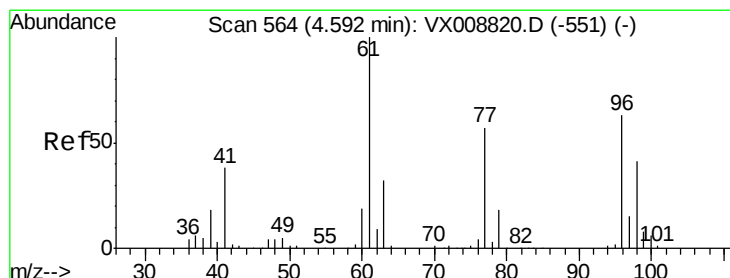
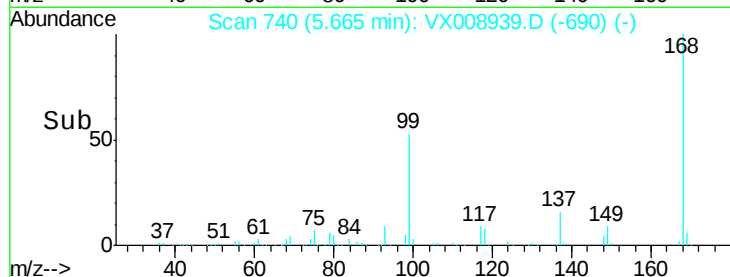
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.763 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008939.D

Acq: 13 Apr 2019 18:05

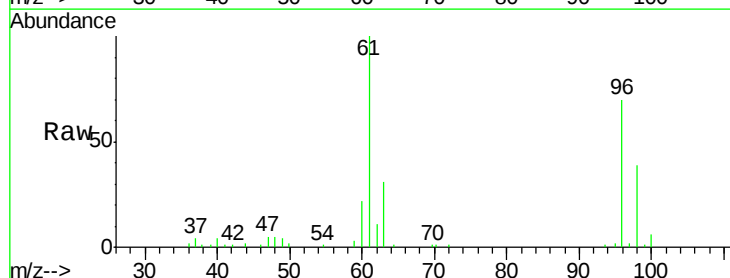
Tgt Ion: 96 Resp: 13452

Ion Ratio Lower Upper

96 100

61 140.1 0.0 327.6

98 63.9 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

8000

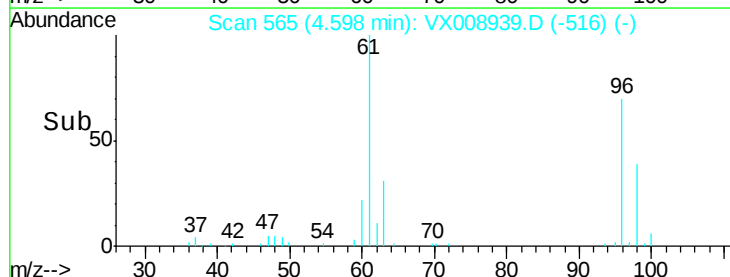
6000

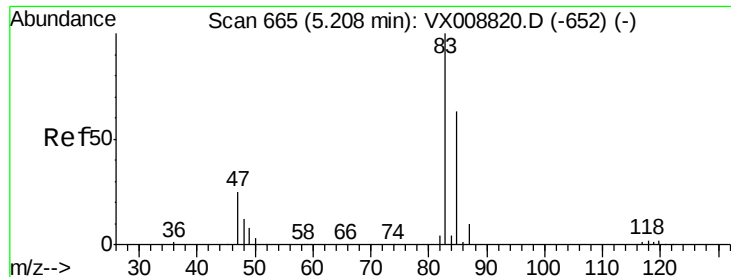
4000

2000

0

Time--> 4.50 4.60 4.70

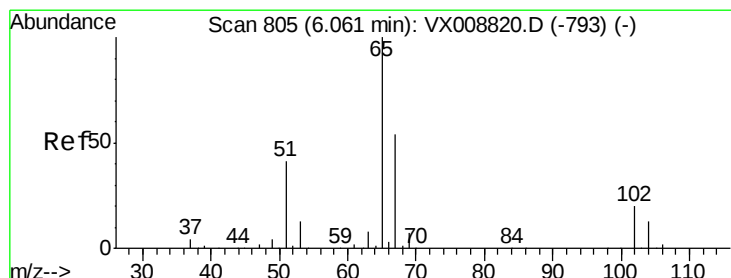
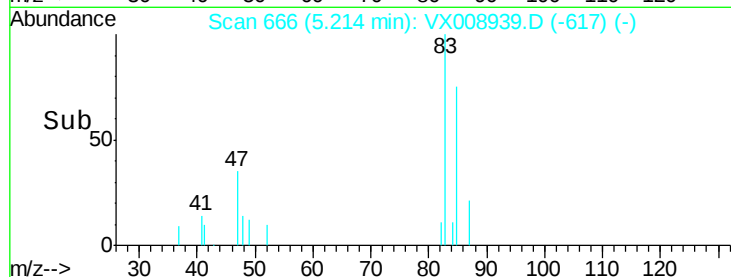
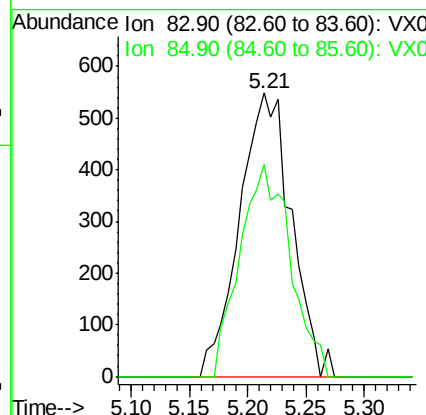
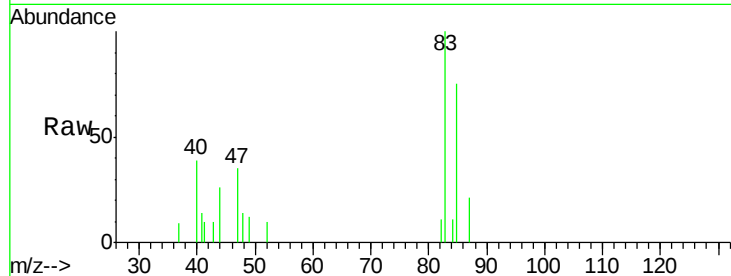




#30
Chloroform
Concen: 0.383 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

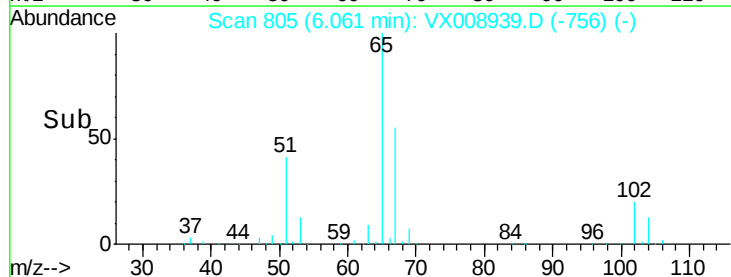
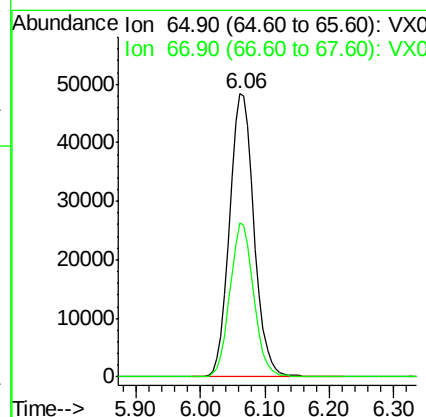
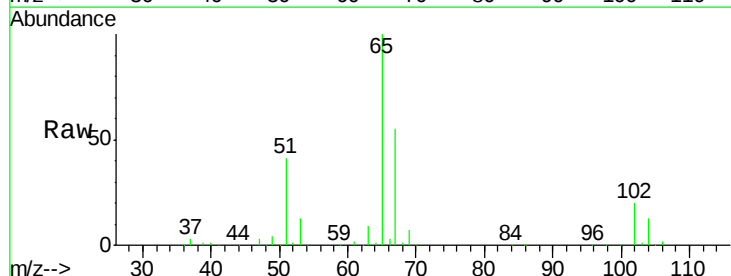
Instrument :
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ClientSampleId :
SS037MW110-190410

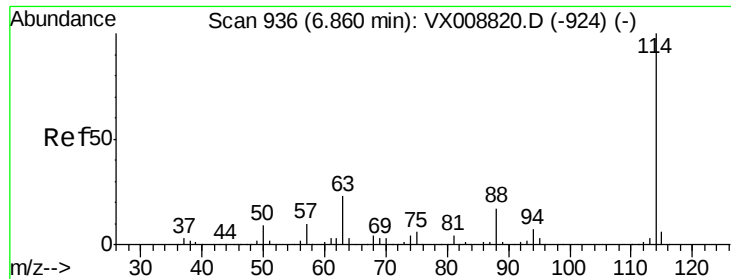
Tot Ion: 83 Resp: 1695
Ion Ratio Lower Upper
83 100
85 74.8 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 45.303 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

Tgt Ion: 65 Resp: 129801
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

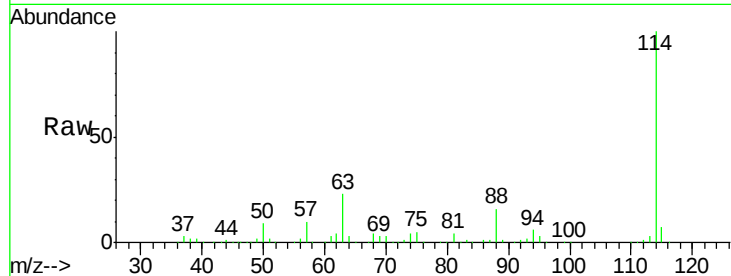




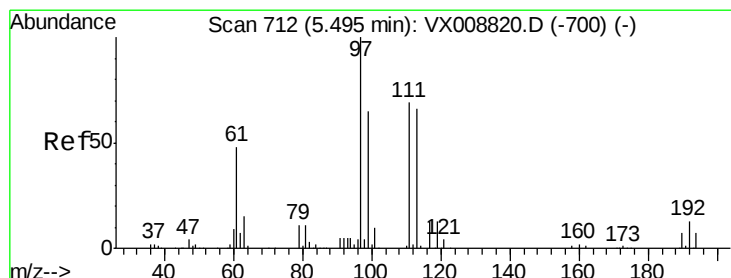
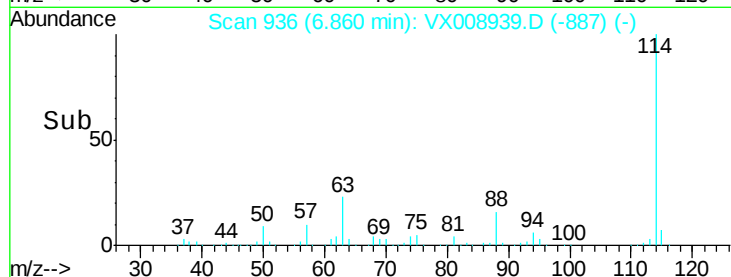
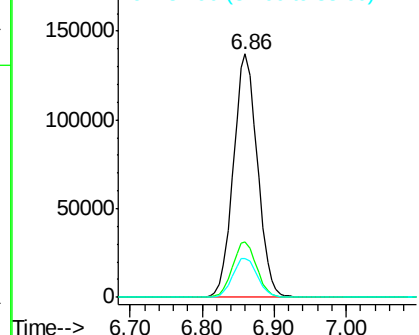
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :
SS037MW110-190410

Tot Ion:114 Resp: 318360
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.2
88 16.0 0.0 34.0

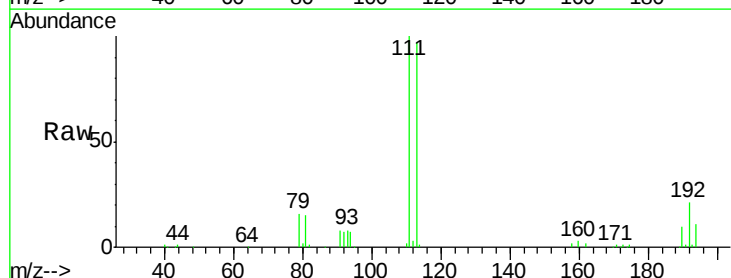


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

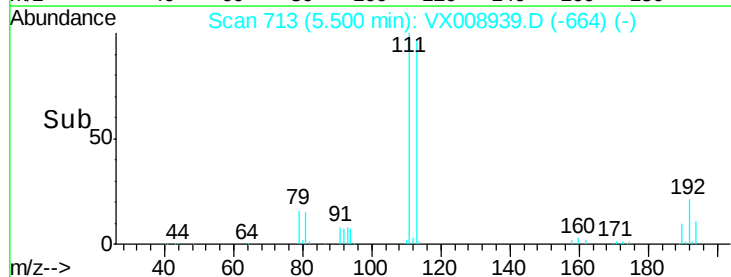
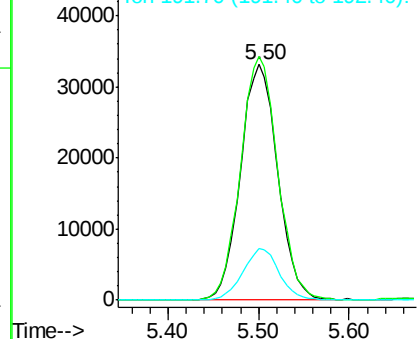


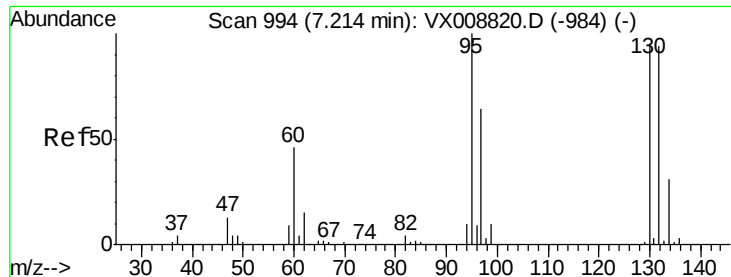
#35
Dibromofluoromethane
Concen: 46.373 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

Tgt Ion:113 Resp: 94392
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 21.3 16.1 24.1



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: 2.376 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008939.D

Acq: 13 Apr 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

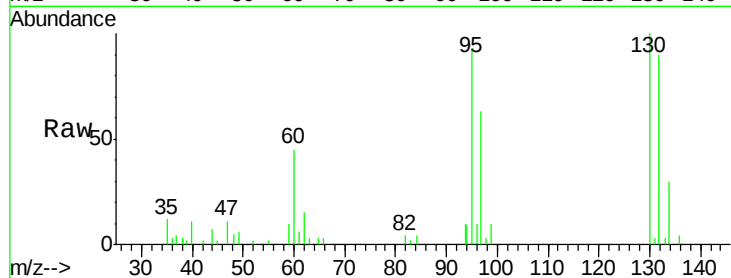
SS037MW110-190410

Tot Ion:130 Resp: 5738

Ion Ratio Lower Upper

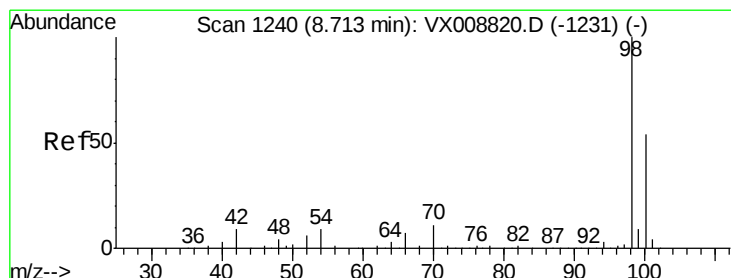
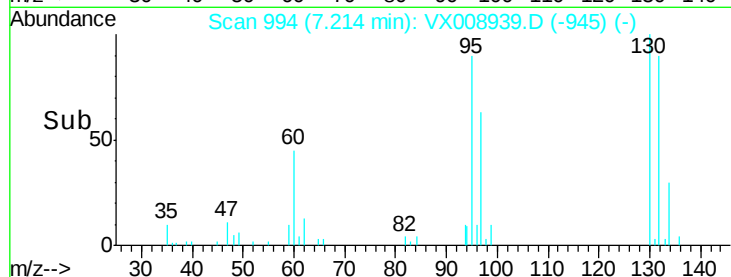
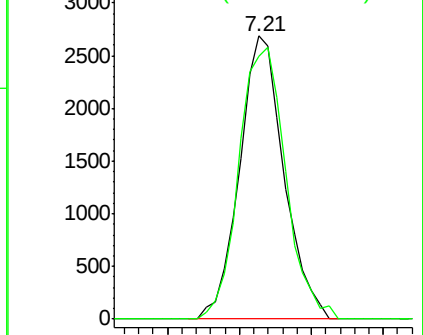
130 100

95 93.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.893 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008939.D

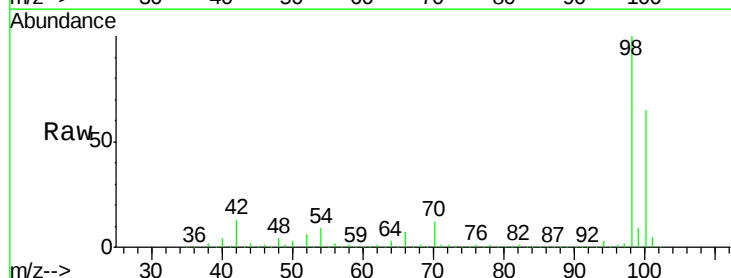
Acq: 13 Apr 2019 18:05

Tgt Ion: 98 Resp: 388157

Ion Ratio Lower Upper

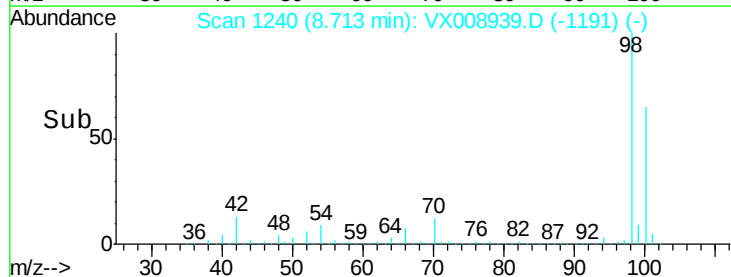
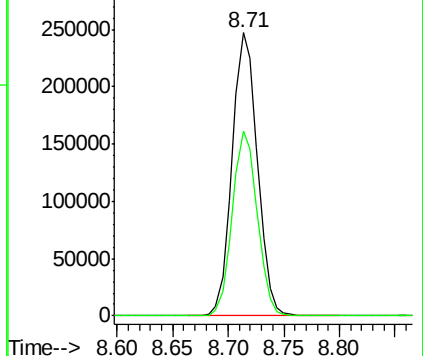
98 100

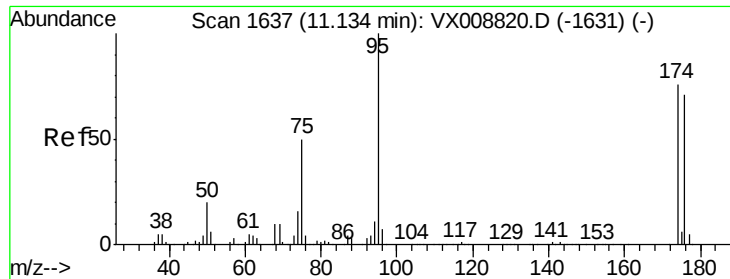
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

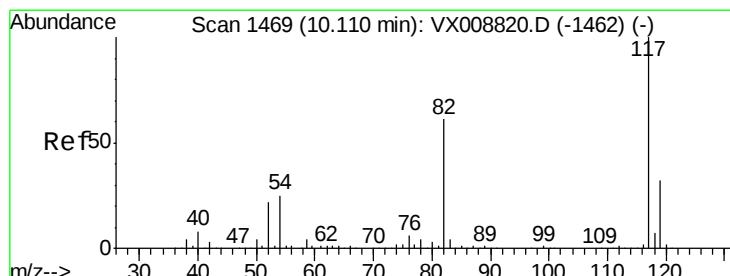
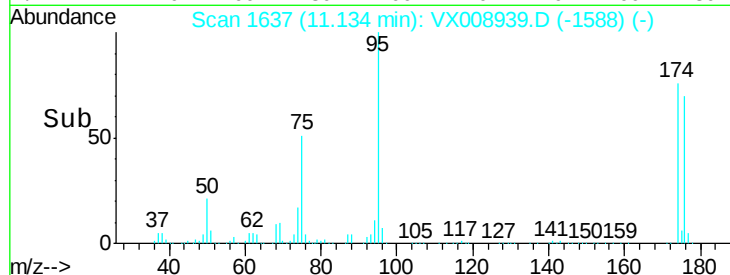
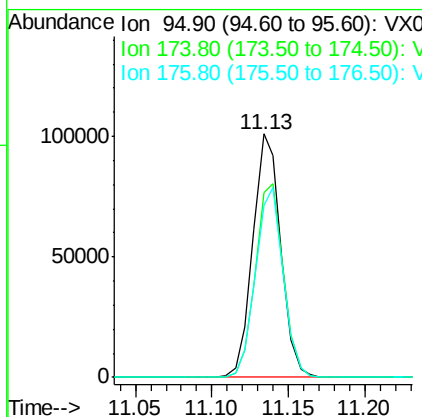
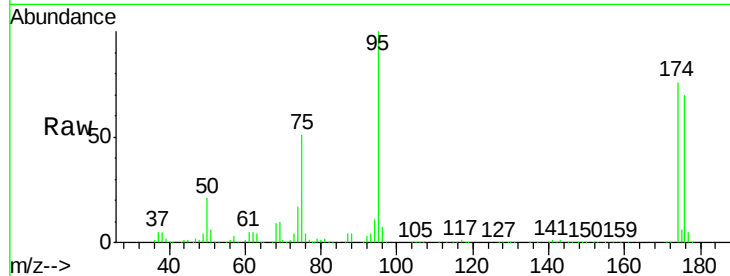




#62
4-Bromofluorobenzene
Concen: 44.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

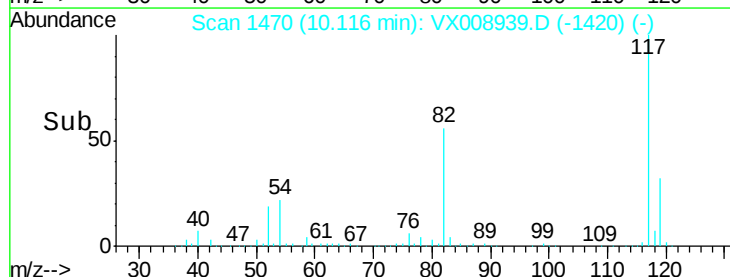
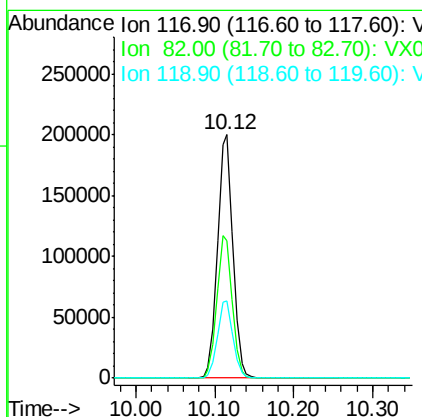
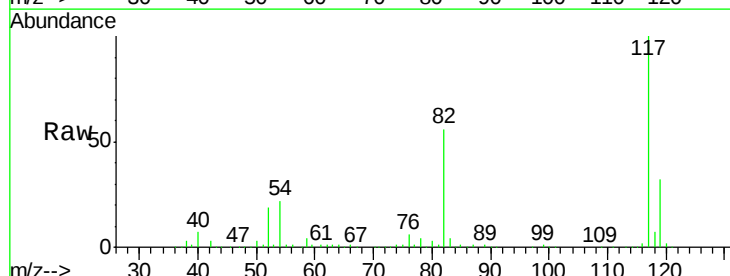
Instrument :
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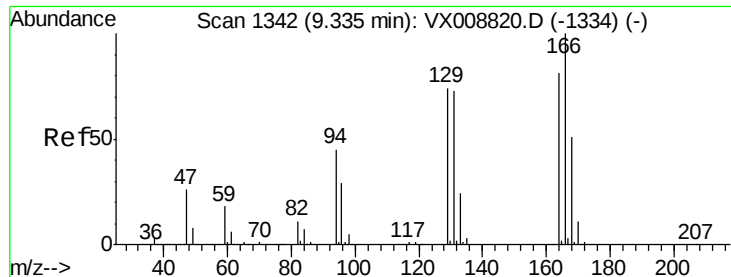
Tot Ion: 95 Resp: 127559
Ion Ratio Lower Upper
95 100
174 80.5 0.0 151.8
176 77.9 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008939.D
Acq: 13 Apr 2019 18:05

Tgt Ion: 117 Resp: 271822
Ion Ratio Lower Upper
117 100
82 56.5 49.6 74.4
119 32.0 25.0 37.4





#64

Tetrachloroethene

Concen: 8.024 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008939.D

Acq: 13 Apr 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-190410

Tot Ion:164 Resp: 16160

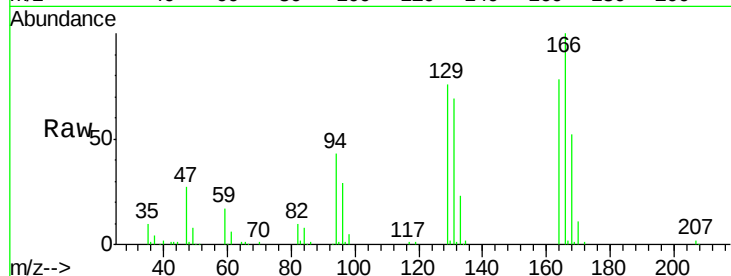
Ion Ratio Lower Upper

164 100

166 127.4 101.0 151.6

129 96.4 75.8 113.8

131 88.4 71.8 107.8

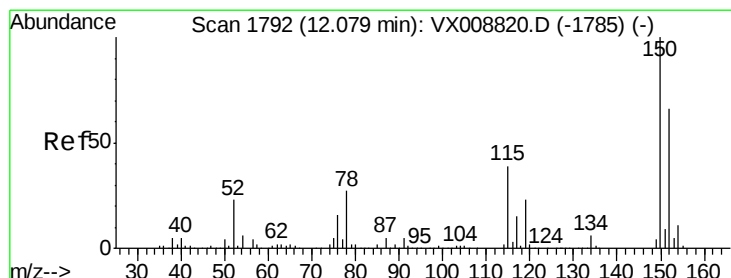
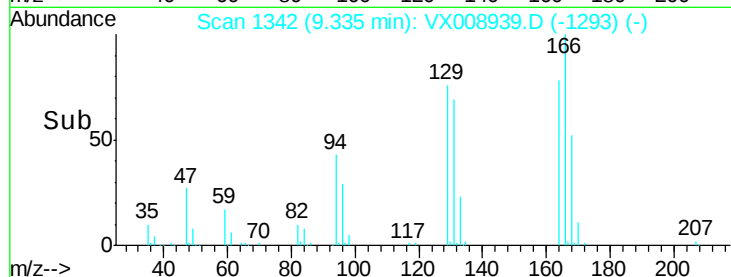
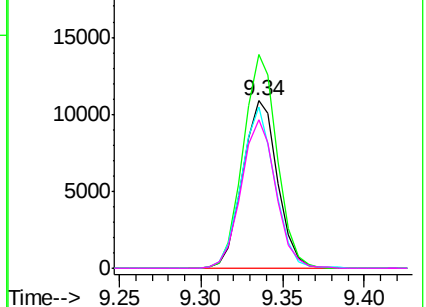


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008939.D

Acq: 13 Apr 2019 18:05

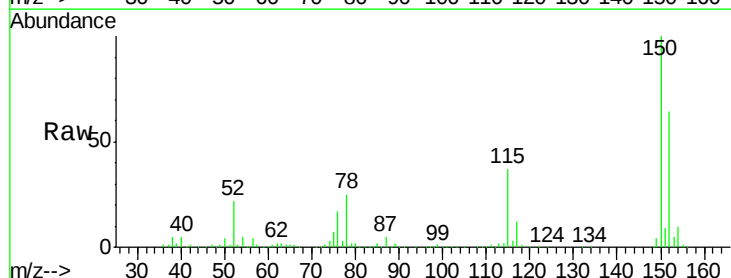
Tgt Ion:152 Resp: 113142

Ion Ratio Lower Upper

152 100

115 59.9 43.5 130.5

150 156.8 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

