

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001641.D
 Acq On : 11 May 2018 16:07
 Operator : JC/MD
 Sample : J2741-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-180501

Quant Time: May 12 12:08:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

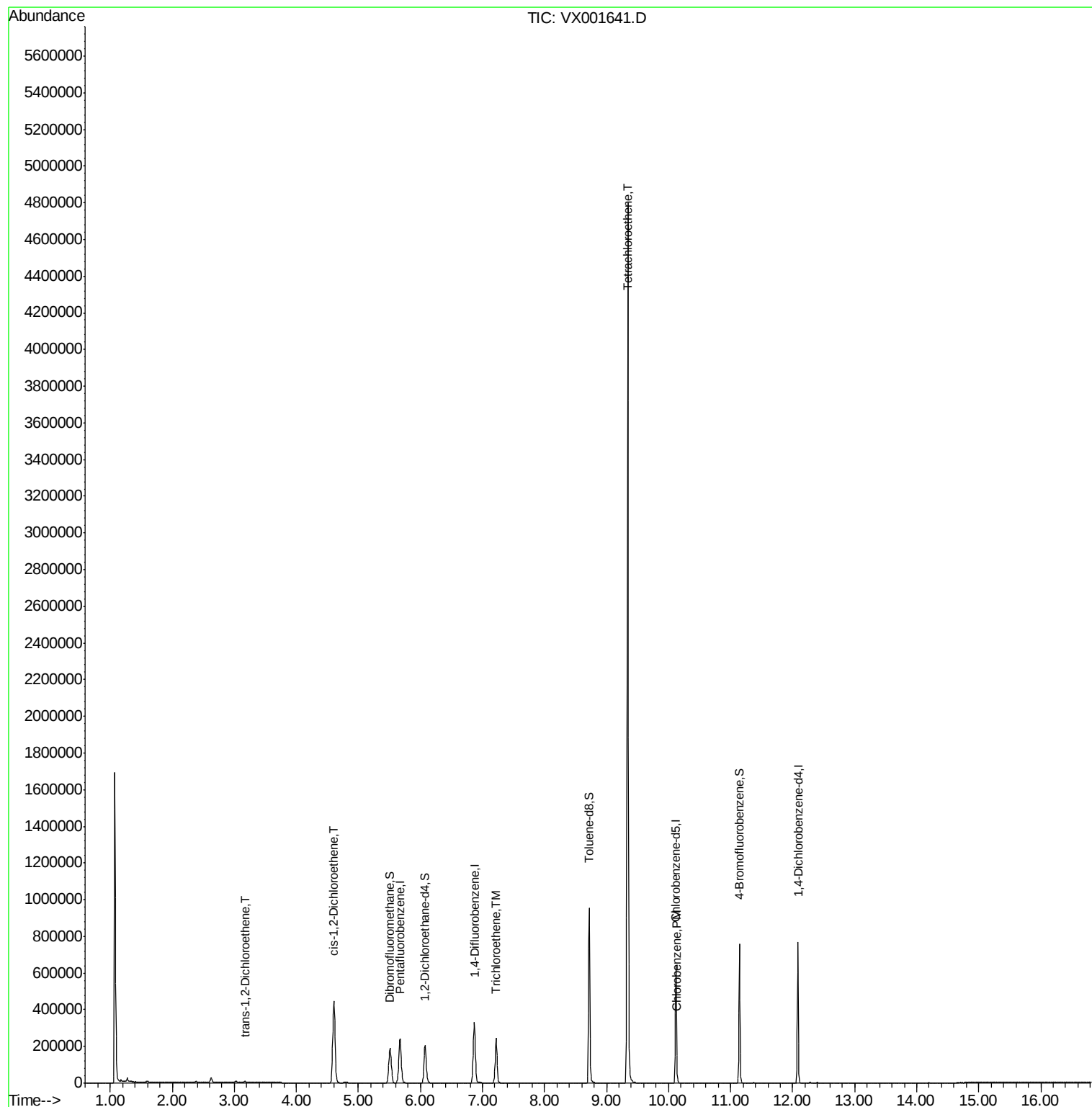
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199358	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	159514	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	8.72	98	560159	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.15	95	184175	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2317	0.74	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	290635	86.73	ug/l	86
44) Trichloroethene	7.22	130	99618	25.25	ug/l	99
64) Tetrachloroethene	9.34	164	1017520	239.51	ug/l	100
65) Chlorobenzene	10.14	112	3396	0.38	ug/l	96

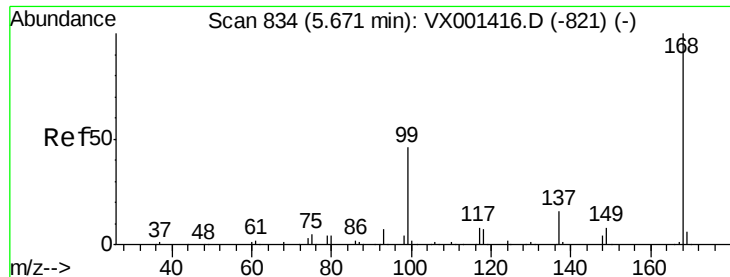
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

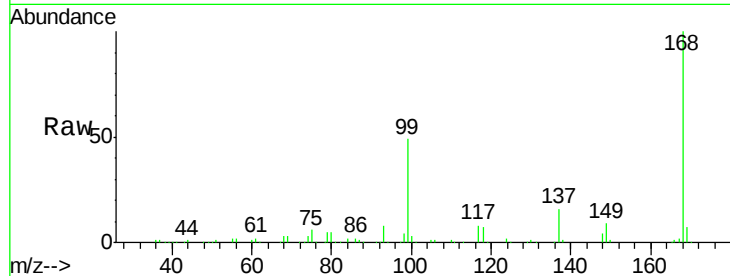
SS037MW309-180501

Tot Ion:168 Resp: 254793

Ion Ratio Lower Upper

168 100

99 49.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

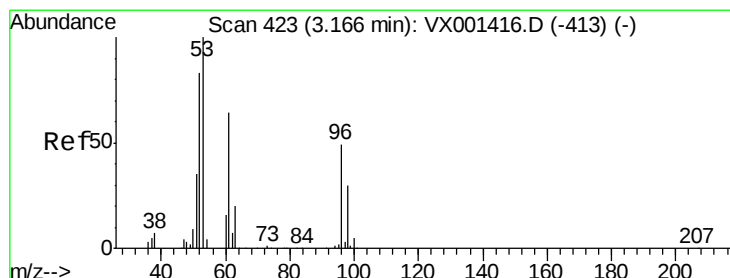
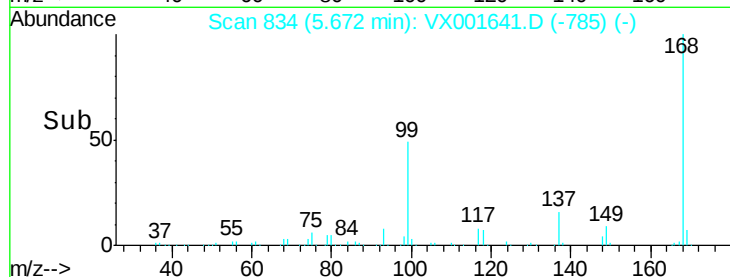
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.74 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

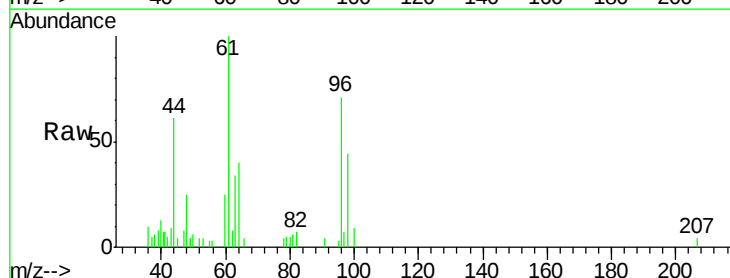
Tgt Ion: 96 Resp: 2317

Ion Ratio Lower Upper

96 100

61 141.0 105.0 157.4

98 62.1 49.9 74.9



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

2000

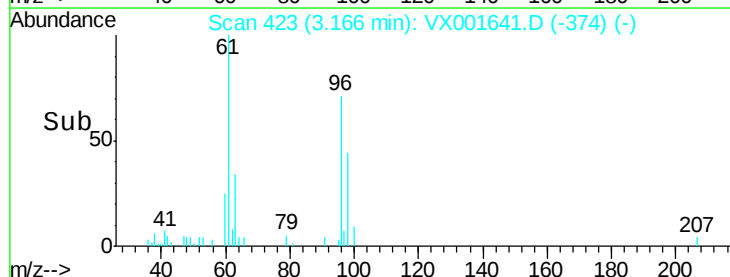
1500

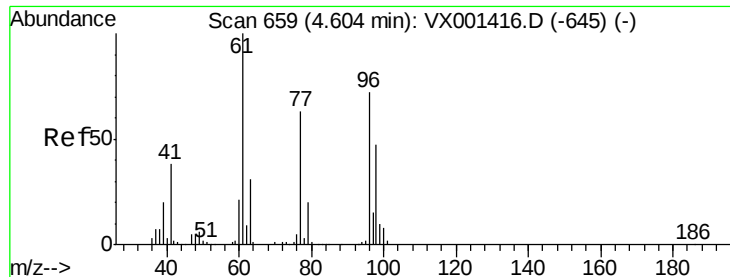
1000

500

0

Time--> 3.10 3.15 3.20 3.25





#27

cis-1,2-Dichloroethene

Concen: 86.73 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-180501

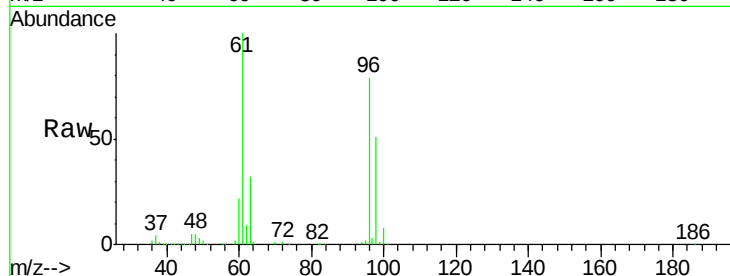
Tot Ion: 96 Resp: 290635

Ion Ratio Lower Upper

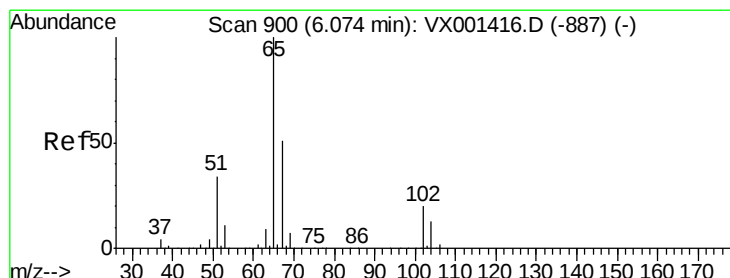
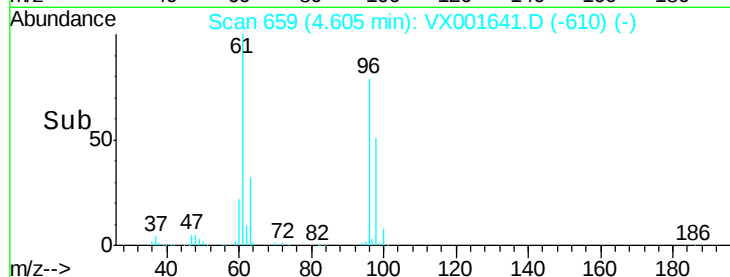
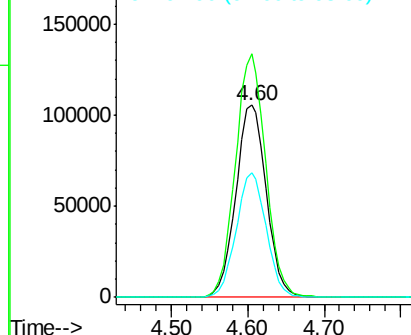
96 100

61 126.0 0.0 301.6

98 64.1 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 54.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001641.D

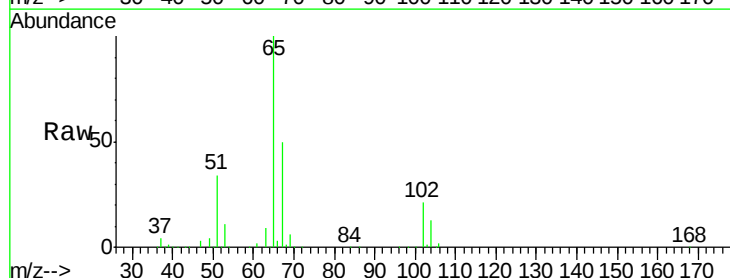
Acq: 11 May 2018 16:07

Tgt Ion: 65 Resp: 199358

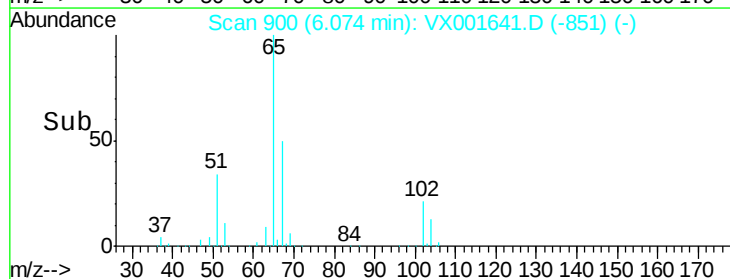
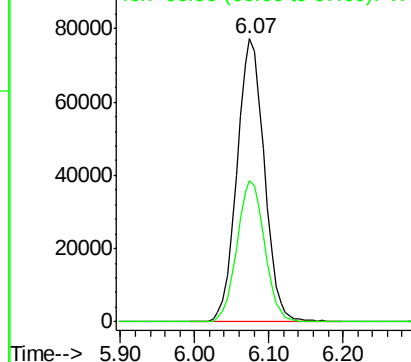
Ion Ratio Lower Upper

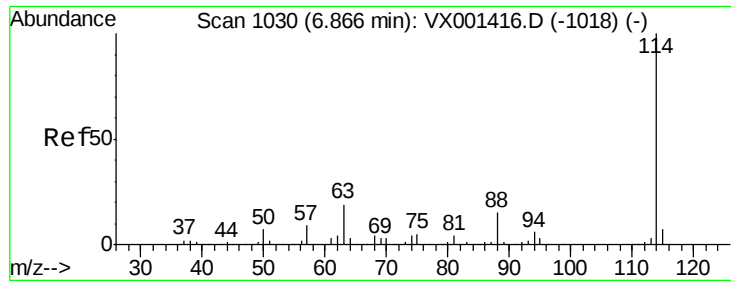
65 100

67 50.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-180501

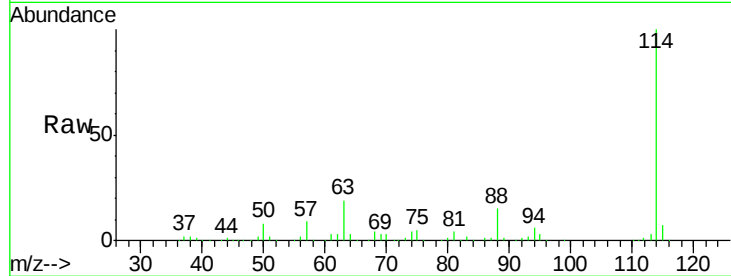
Tot Ion:114 Resp: 347349

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

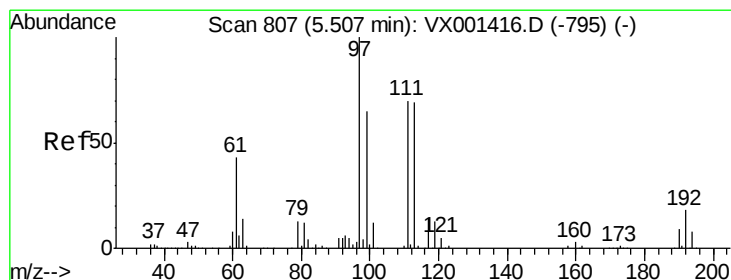
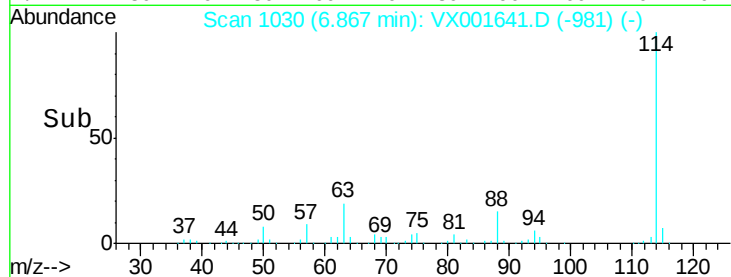
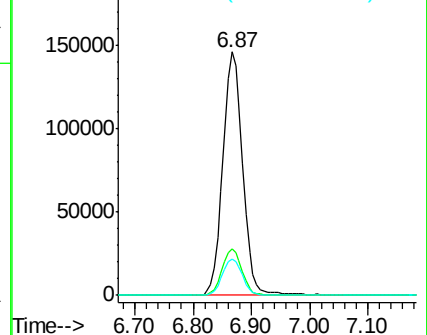
88 15.0 0.0 30.8



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: 51.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

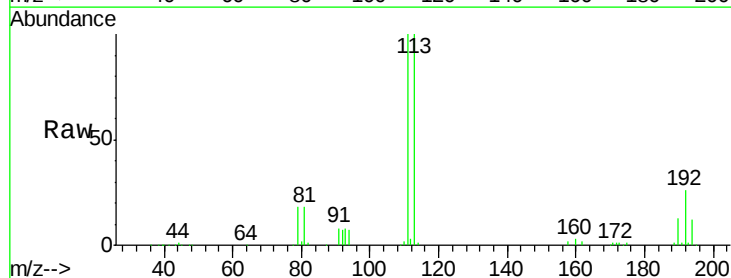
Tgt Ion:113 Resp: 159514

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

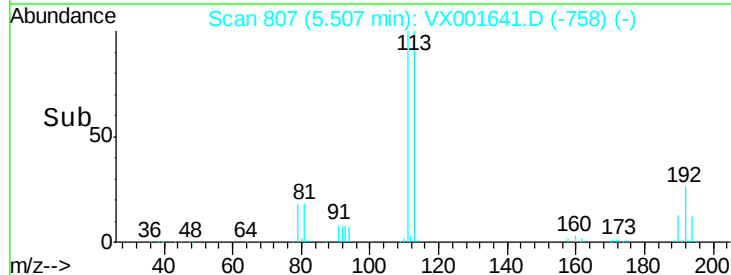
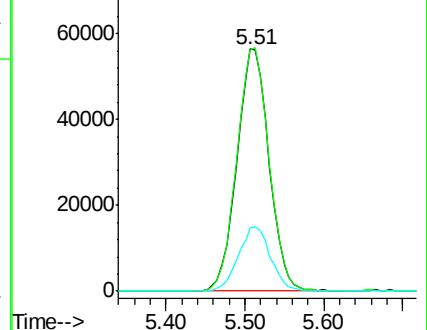
192 26.3 21.4 32.0

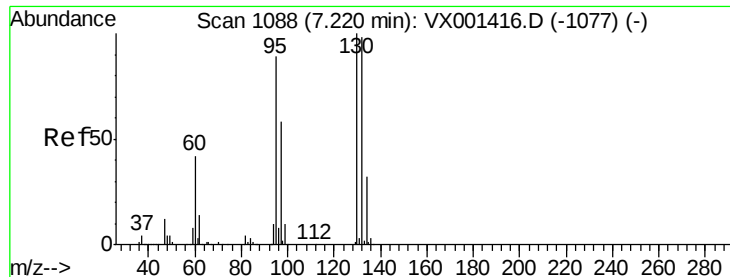


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 25.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

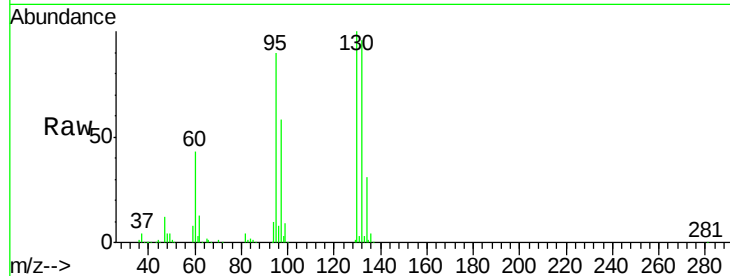
SS037MW309-180501

Tot Ion:130 Resp: 99618

Ion Ratio Lower Upper

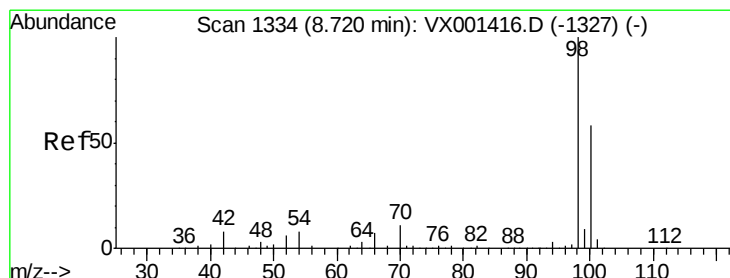
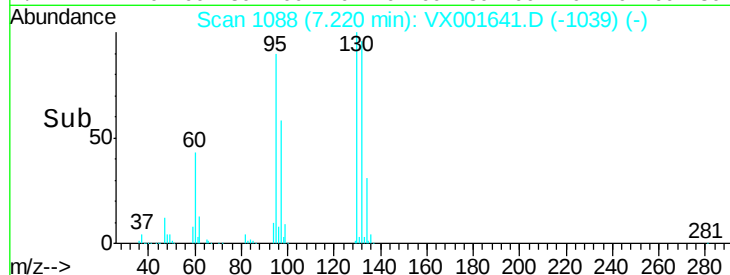
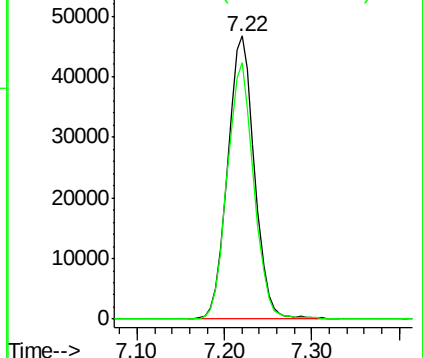
130 100

95 90.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001641.D

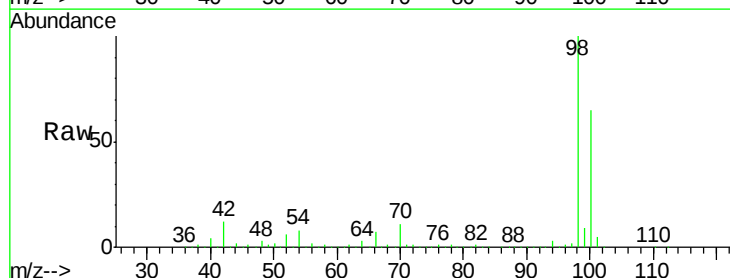
Acq: 11 May 2018 16:07

Tgt Ion: 98 Resp: 560159

Ion Ratio Lower Upper

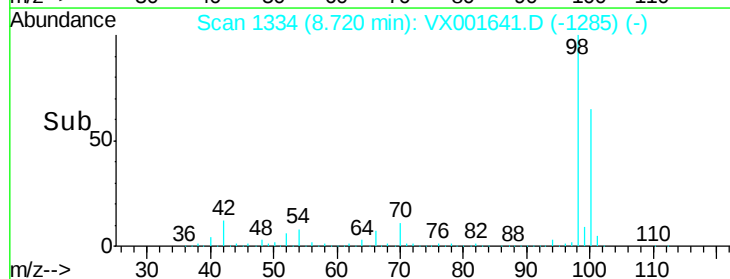
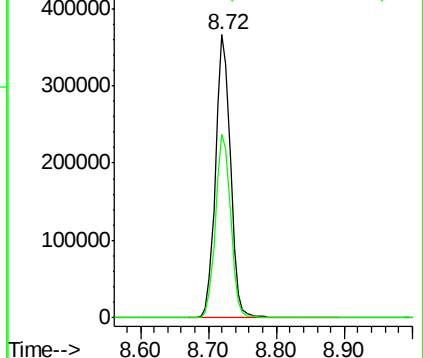
98 100

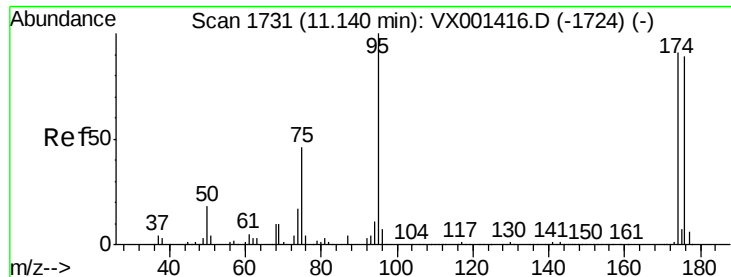
100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

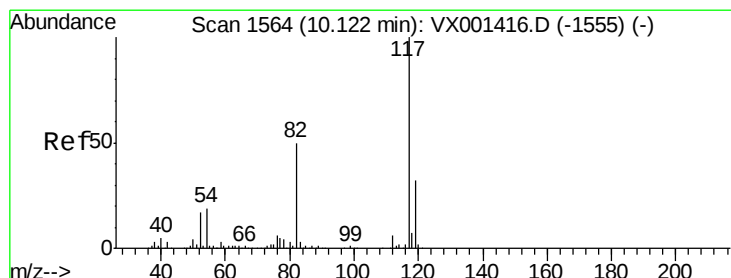
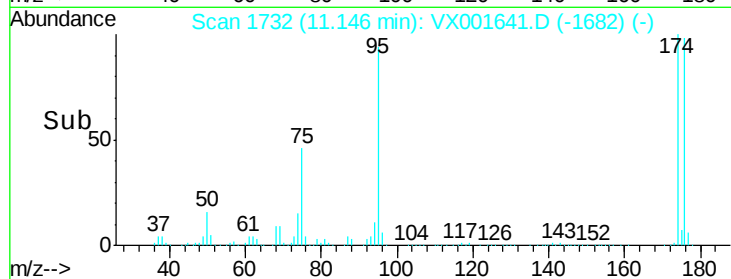
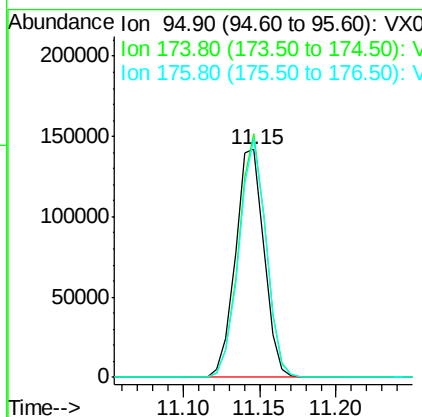
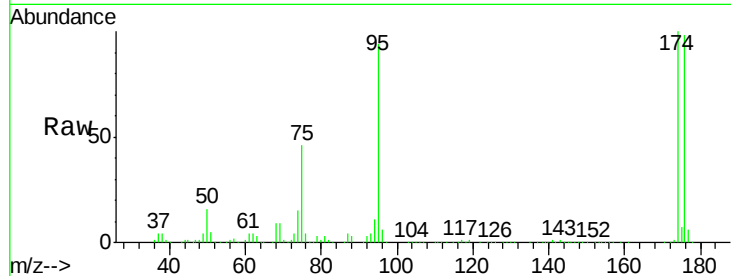




#62
4-Bromofluorobenzene
Concen: 42.54 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001641.D
Acq: 11 May 2018 16:07

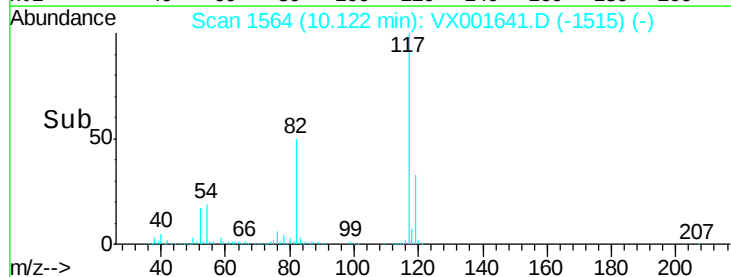
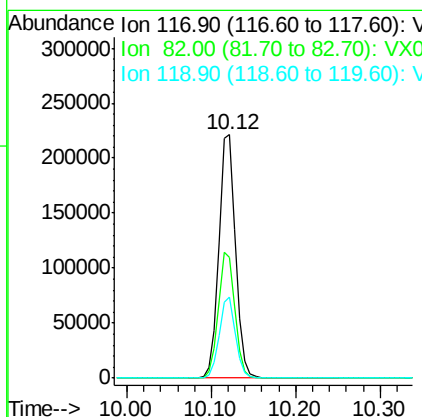
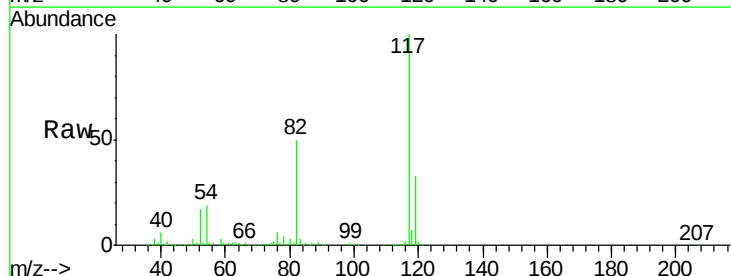
Instrument :
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SS037MW309-180501

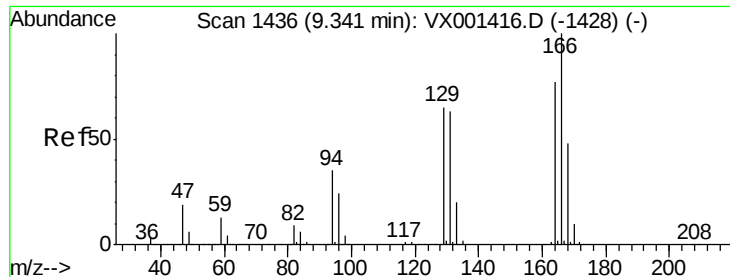
Tot Ion: 95 Resp: 184175
Ion Ratio Lower Upper
95 100
174 101.2 0.0 202.0
176 98.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001641.D
Acq: 11 May 2018 16:07

Tgt Ion: 117 Resp: 304785
Ion Ratio Lower Upper
117 100
82 49.8 40.0 60.0
119 33.3 25.8 38.8





#64

Tetrachloroethene

Concen: 239.51 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001641.D

Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-180501

Tot Ion:164 Resp: 1017520

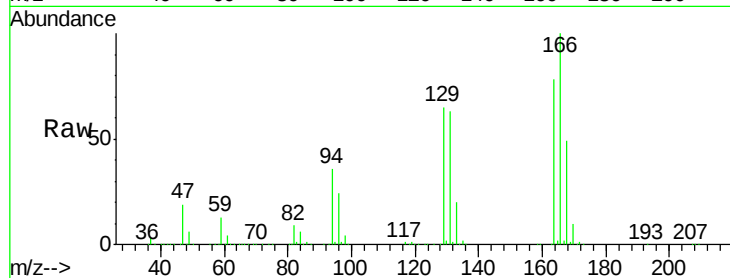
Ion Ratio Lower Upper

164 100

166 128.6 103.5 155.3

129 83.4 66.7 100.1

131 81.0 64.9 97.3

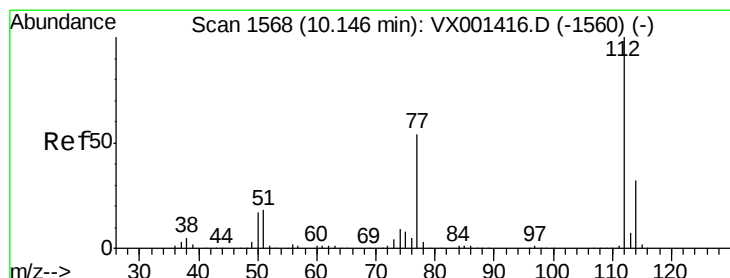
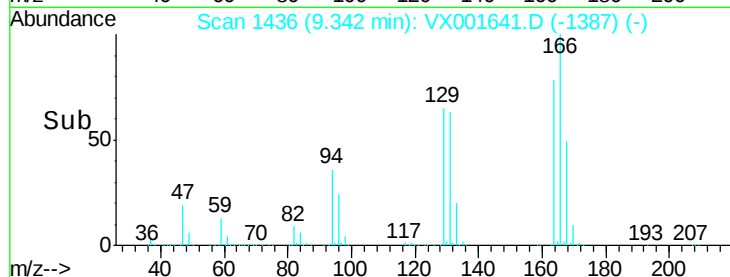
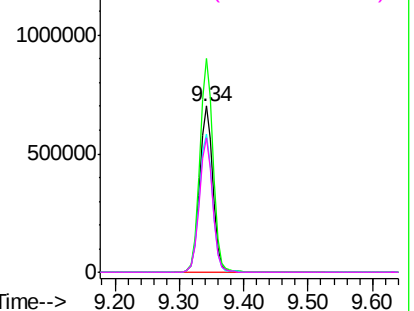


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.38 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001641.D

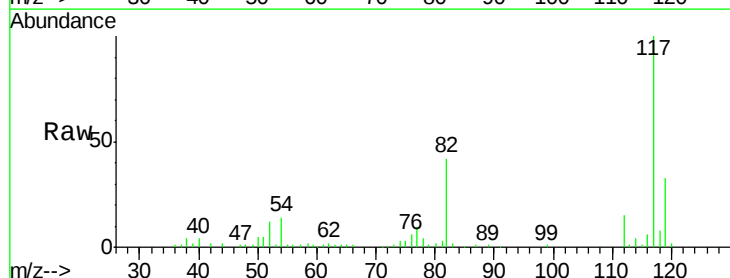
Acq: 11 May 2018 16:07

Tgt Ion:112 Resp: 3396

Ion Ratio Lower Upper

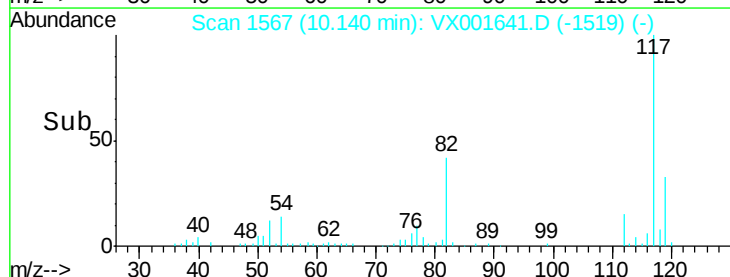
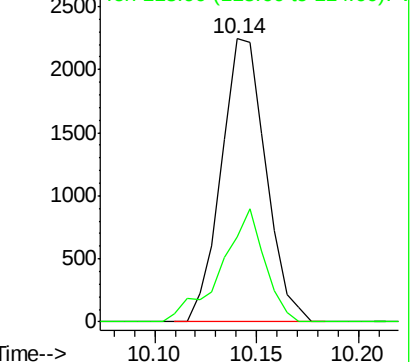
112 100

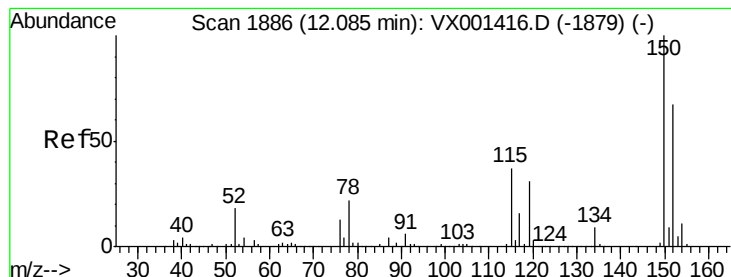
114 30.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001641.D

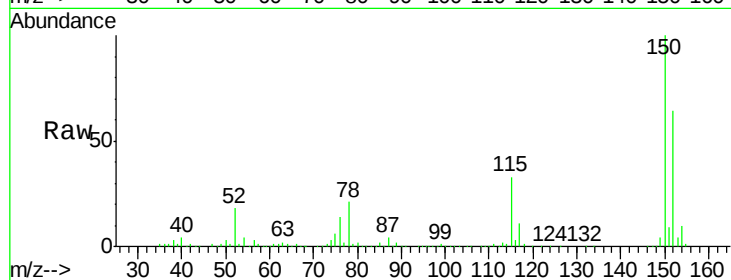
Acq: 11 May 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-180501



Tot Ion:152 Resp: 163527

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

150 155.6 0.0 349.4

