

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001652.D
 Acq On : 11 May 2018 21:02
 Operator : JC/MD
 Sample : J2741-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-180502

Quant Time: May 12 07:22:06 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

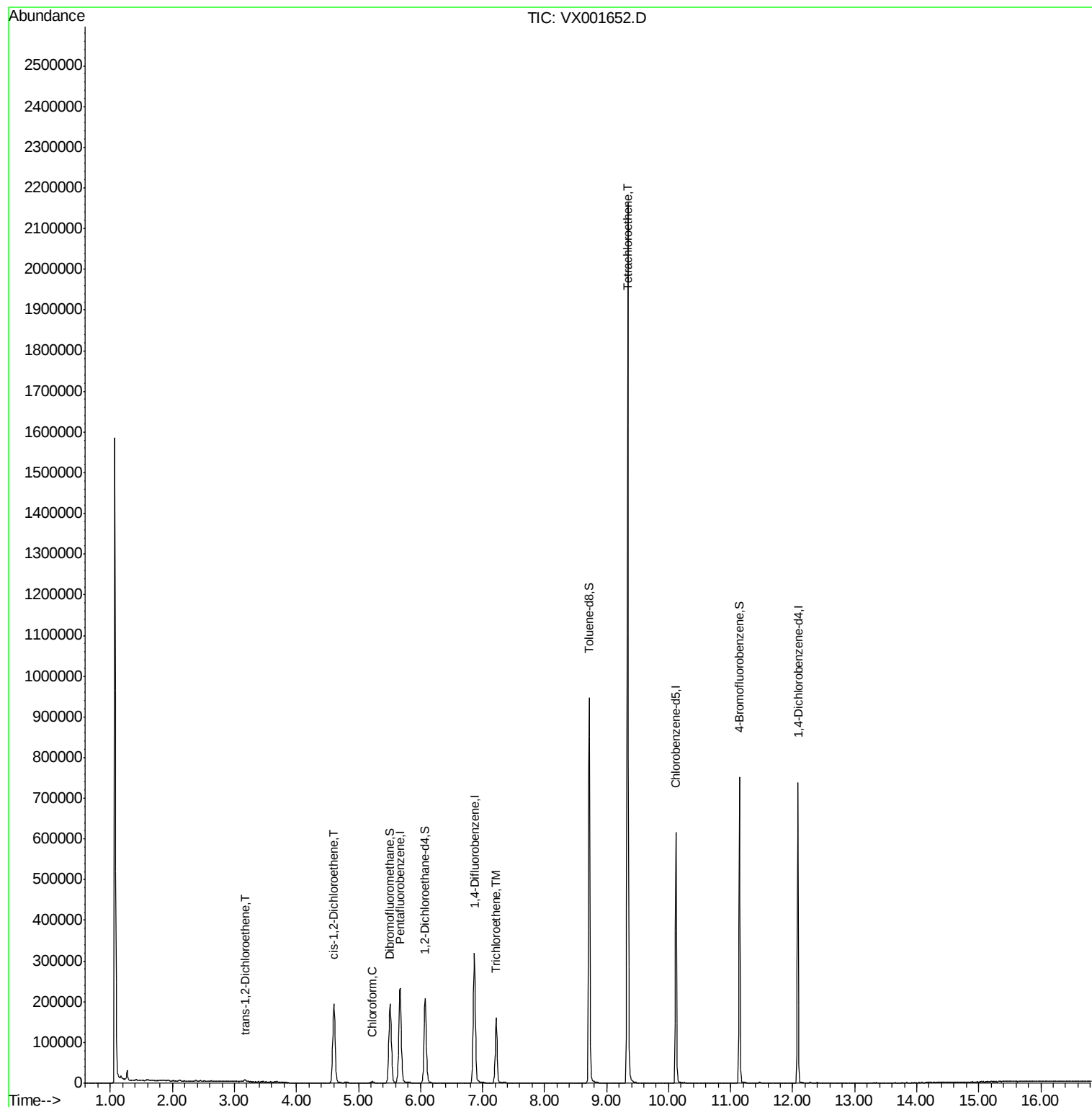
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200128	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
35) Dibromofluoromethane	5.51	113	159821	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	8.72	98	556172	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.14	95	182940	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2175	0.71	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	126480	38.75	ug/l	86
30) Chloroform	5.23	83	3265	0.59	ug/l	98
44) Trichloroethene	7.22	130	64664	17.12	ug/l	95
64) Tetrachloroethene	9.34	164	461492	111.43	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

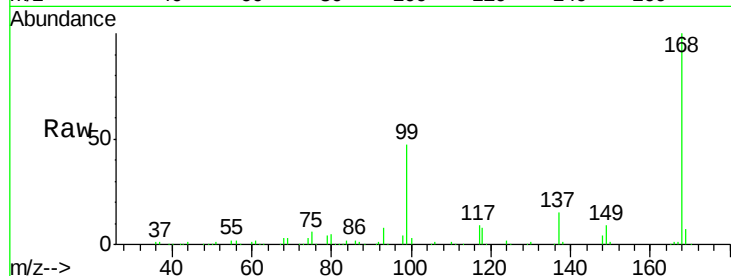
M-14-180502

Tot Ion:168 Resp: 248155

Ion Ratio Lower Upper

168 100

99 46.7 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

80000

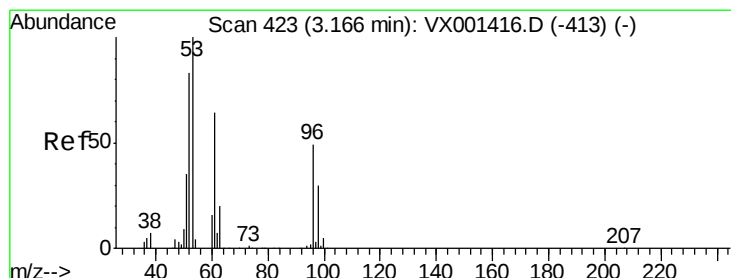
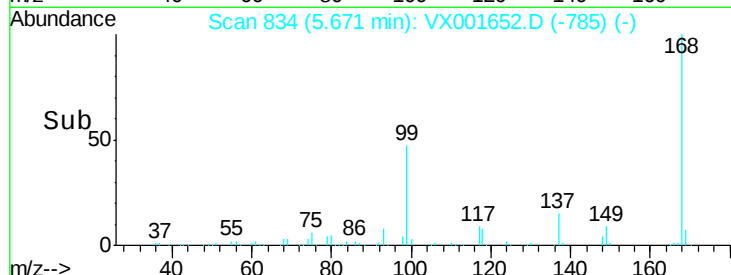
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#21

trans-1,2-Dichloroethene

Concen: 0.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

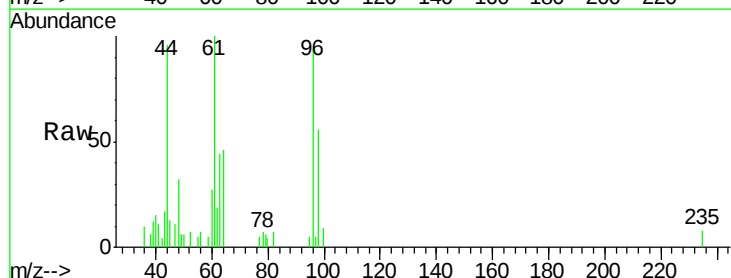
Tgt Ion: 96 Resp: 2175

Ion Ratio Lower Upper

96 100

61 106.4 105.0 157.4

98 59.6 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

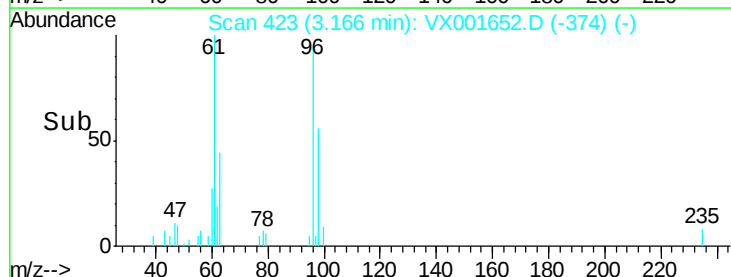
1500

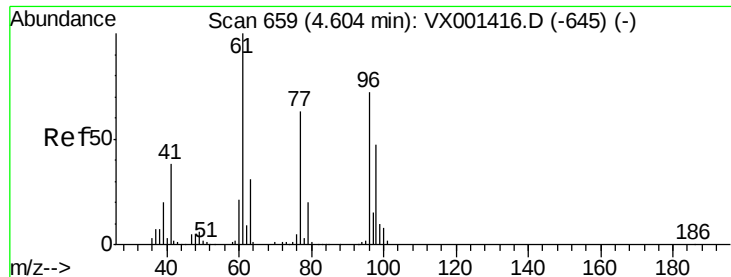
1000

500

0

Time--> 3.10 3.15 3.20 3.25





#27

cis-1,2-Dichloroethene

Concen: 38.75 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

M-14-180502

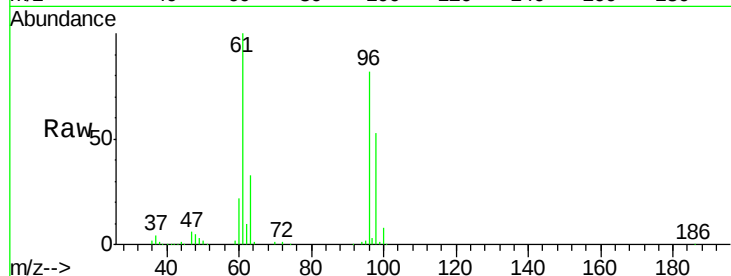
Tot Ion: 96 Resp: 126480

Ion Ratio Lower Upper

96 100

61 126.2 0.0 301.6

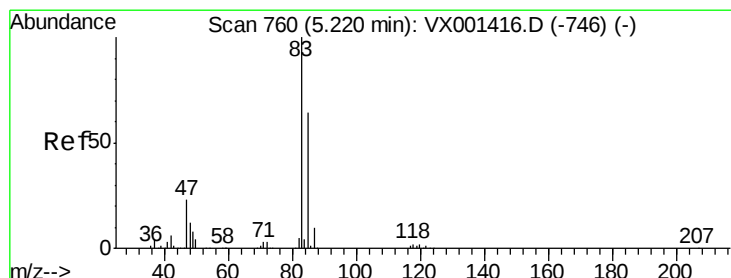
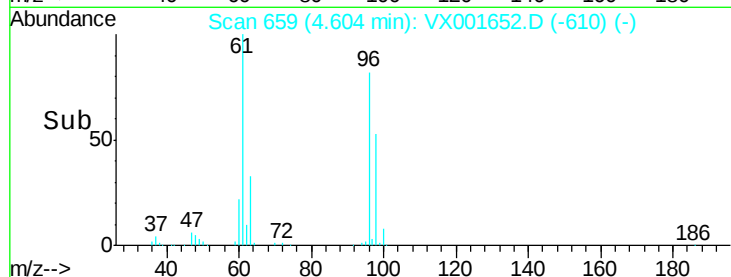
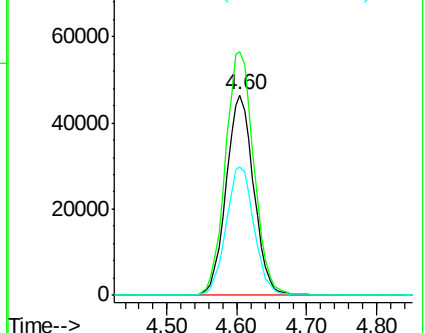
98 65.2 0.0 131.6



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



#30

Chloroform

Concen: 0.59 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001652.D

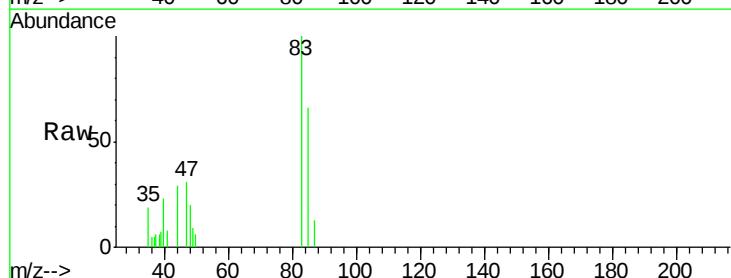
Acq: 11 May 2018 21:02

Tgt Ion: 83 Resp: 3265

Ion Ratio Lower Upper

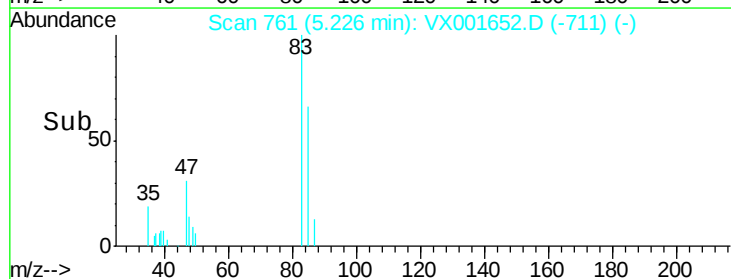
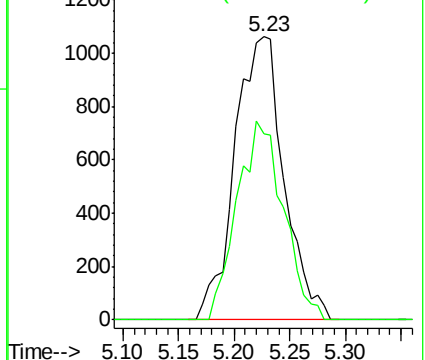
83 100

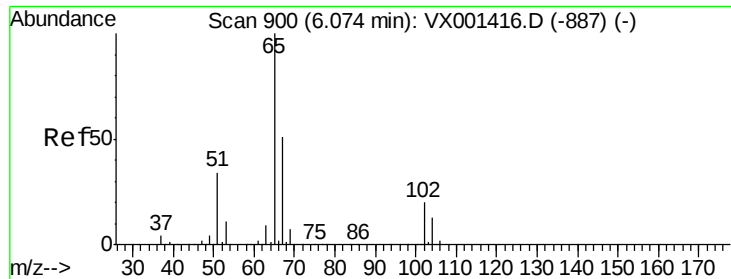
85 65.6 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

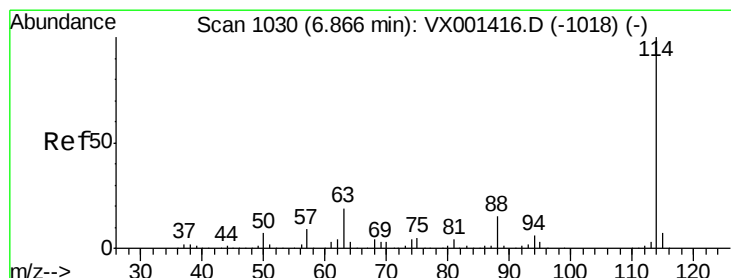
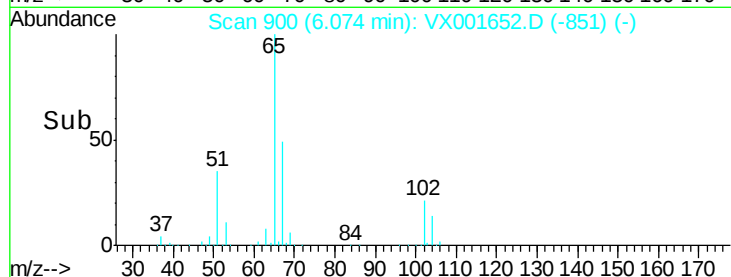
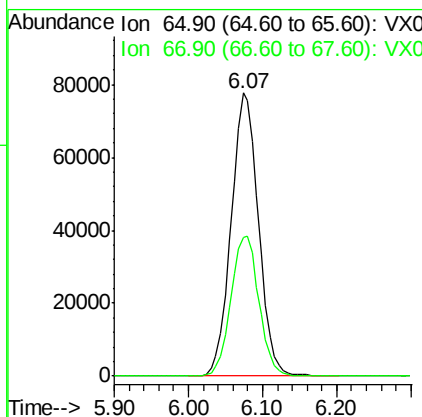
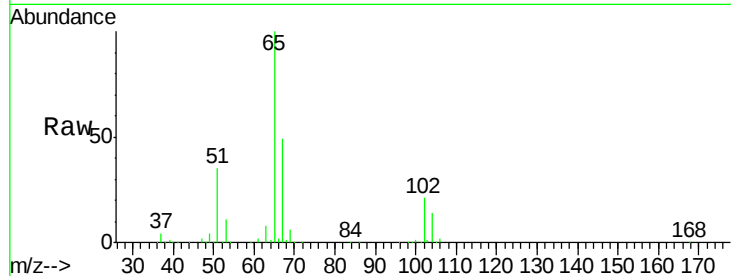




#33
 1,2-Dichloroethane-d4
 Concen: 56.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001652.D
 Acq: 11 May 2018 21:02

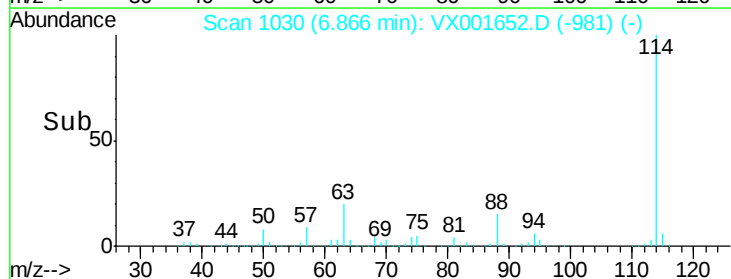
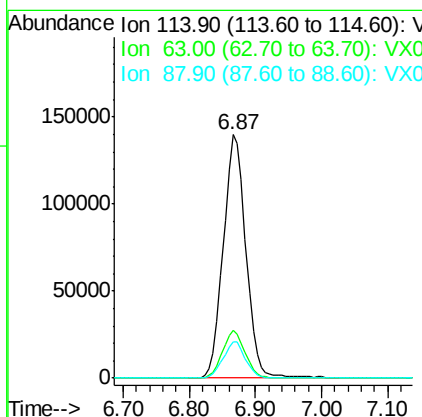
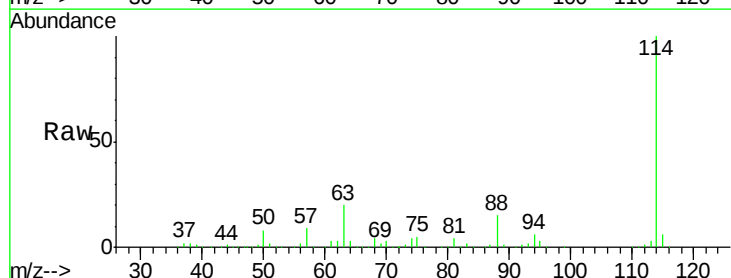
Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-180502

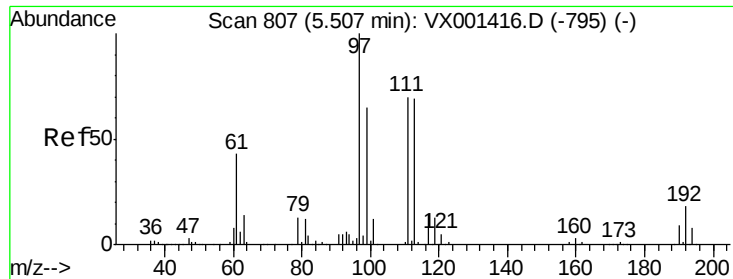
Tot Ion: 65 Resp: 200128
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001652.D
 Acq: 11 May 2018 21:02

Tgt Ion: 114 Resp: 332631
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 14.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.02 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

M-14-180502

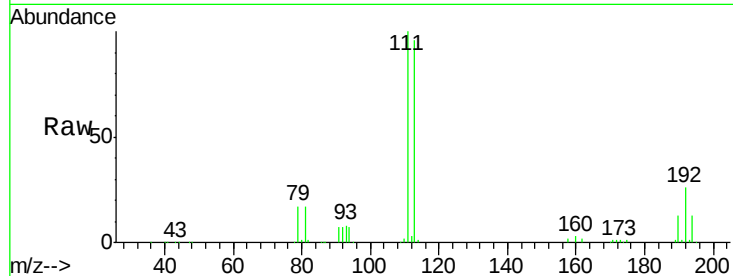
Tot Ion:113 Resp: 159821

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

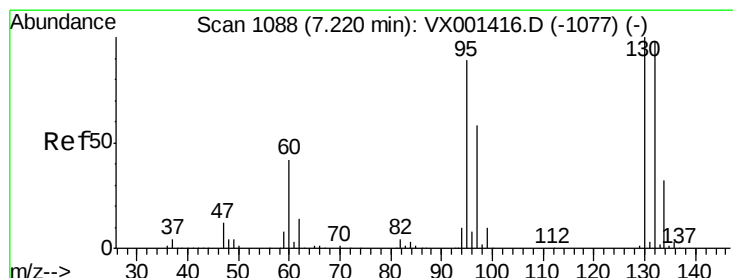
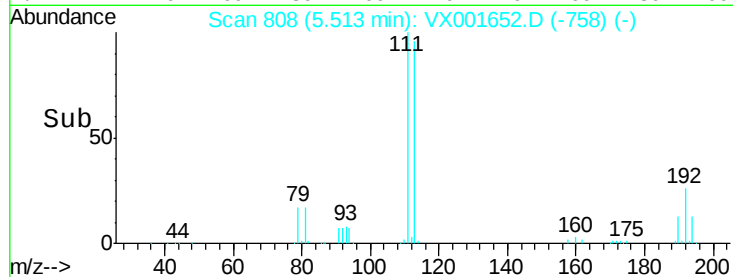
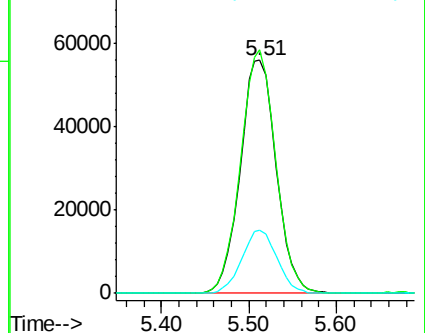
192 26.6 21.4 32.0



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: 17.12 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001652.D

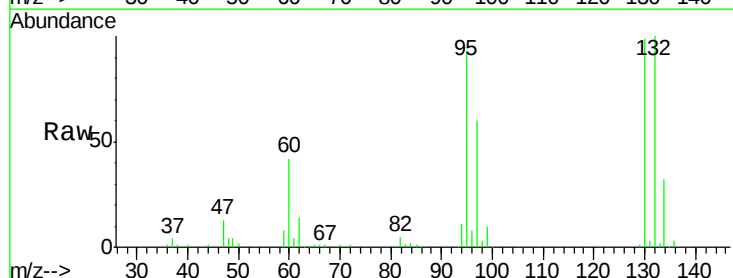
Acq: 11 May 2018 21:02

Tgt Ion:130 Resp: 64664

Ion Ratio Lower Upper

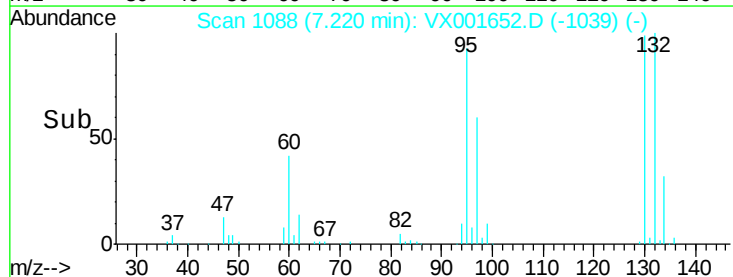
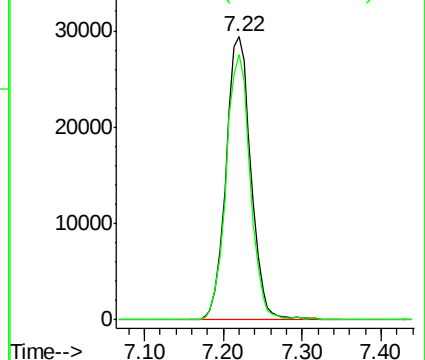
130 100

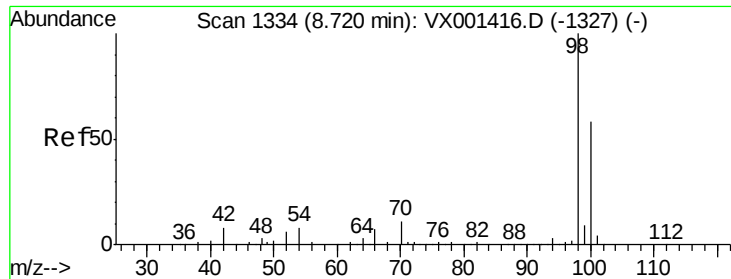
95 93.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

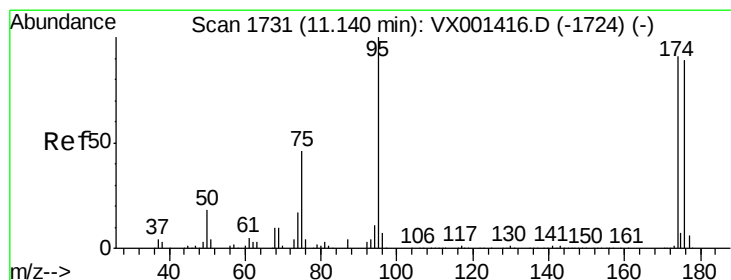
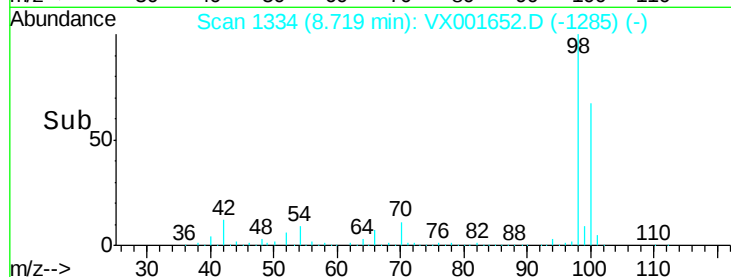
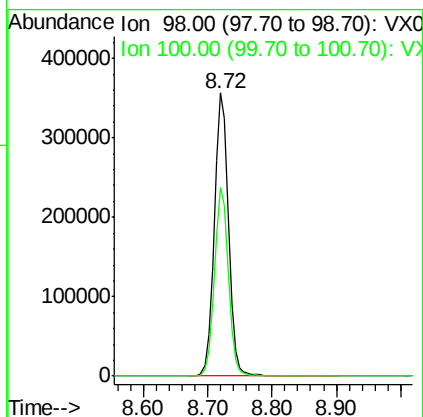
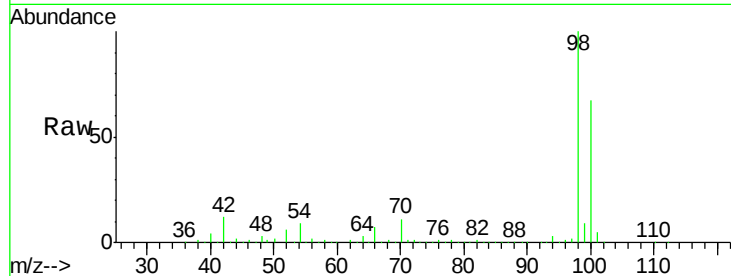




#50
Toluene-d8
Concen: 51.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001652.D
Acq: 11 May 2018 21:02

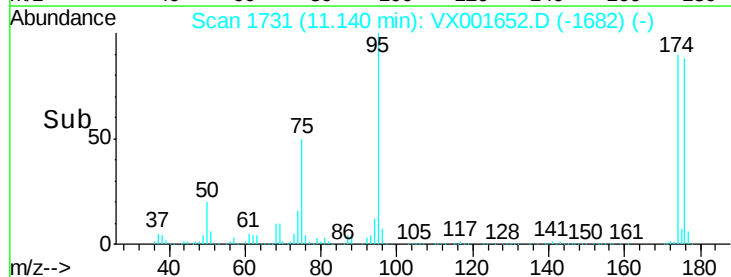
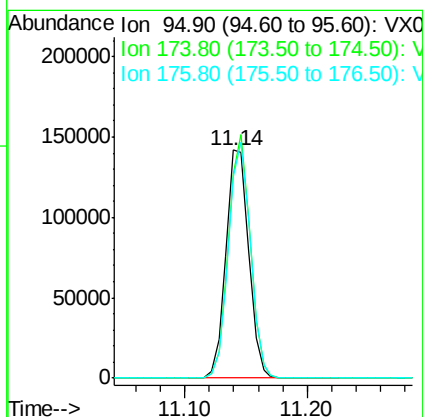
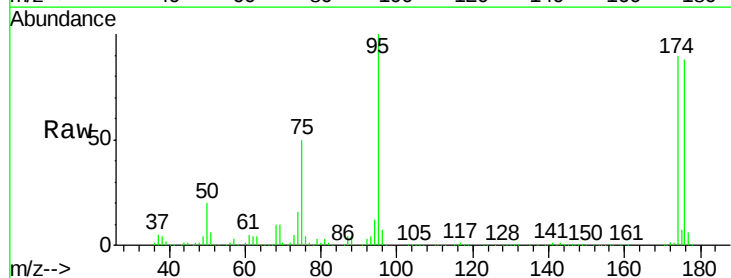
Instrument :
MSVOA_X
ClientSampleId :
M-14-180502

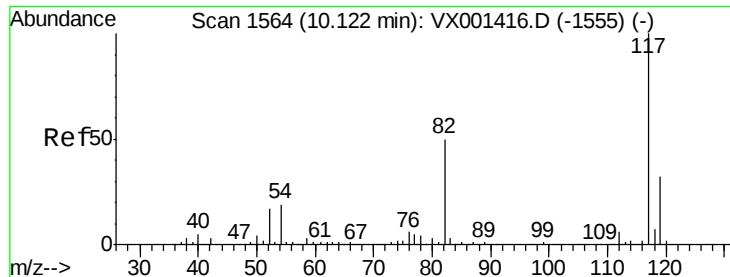
Tot Ion: 98 Resp: 556172
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 44.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001652.D
Acq: 11 May 2018 21:02

Tgt Ion: 95 Resp: 182940
Ion Ratio Lower Upper
95 100
174 101.2 0.0 202.0
176 98.8 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: VX001652.D

Acq: 11 May 2018 21:02

Instrument :

MSVOA_X

ClientSampled :

M-14-180502

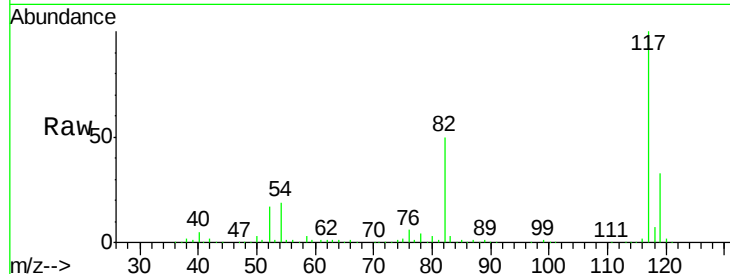
Tot Ion:117 Resp: 297121

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

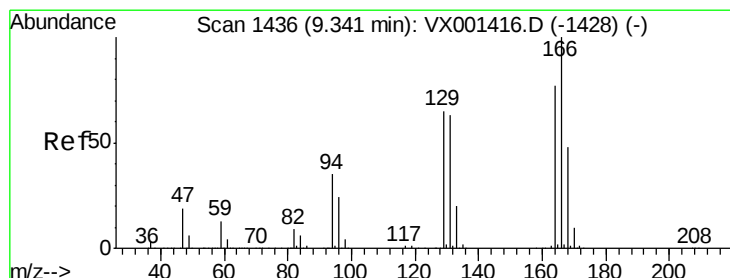
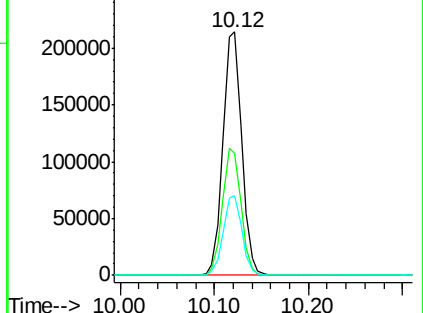
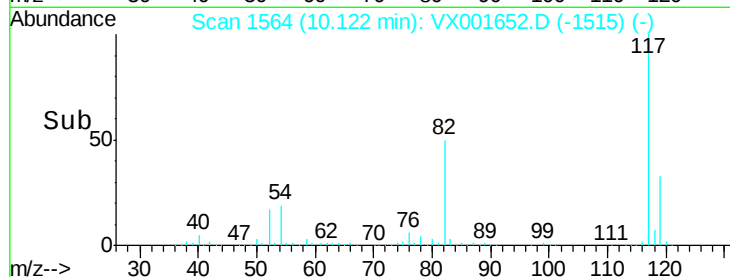
119 32.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 111.43 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

Tgt Ion:164 Resp: 461492

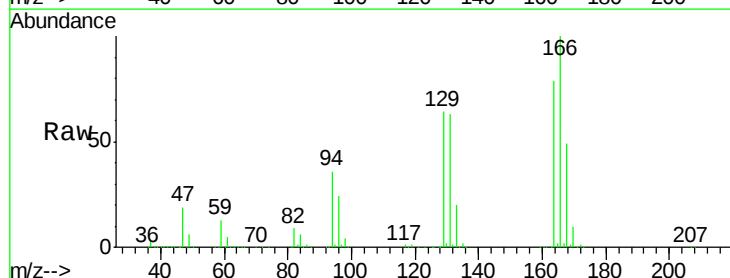
Ion Ratio Lower Upper

164 100

166 127.0 103.5 155.3

129 81.7 66.7 100.1

131 79.6 64.9 97.3

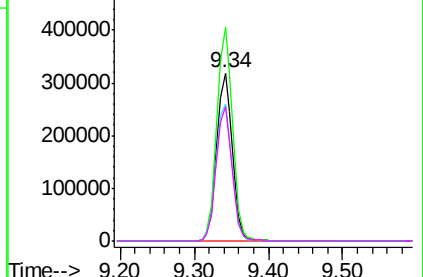
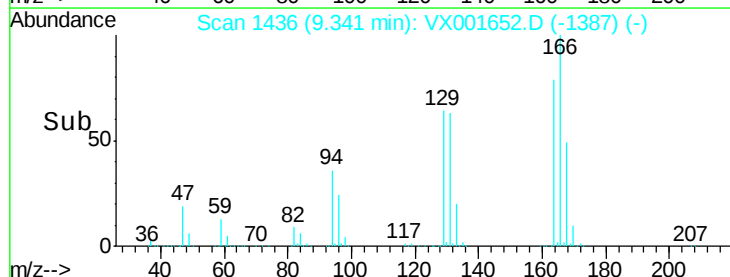


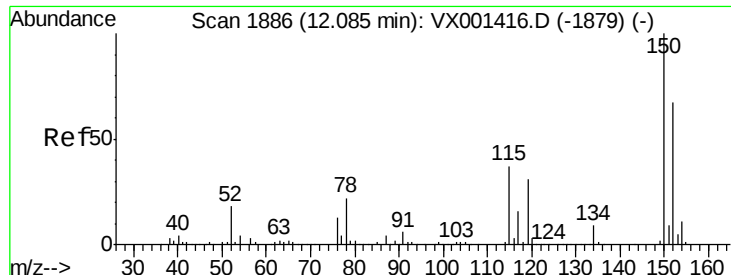
Abundance Ion 163.80 (163.50 to 164.50): V

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001652.D

Acq: 11 May 2018 21:02

Instrument :

MSVOA_X

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M-14-180502

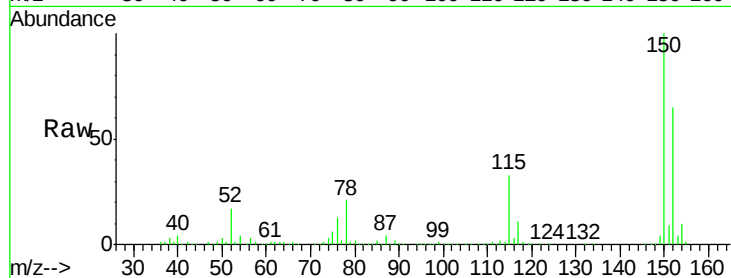
Tot Ion:152 Resp: 158410

Ion Ratio Lower Upper

152 100

115 51.3 37.7 113.1

150 155.6 0.0 349.4



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

