

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002206.D
 Acq On : 01 Jun 2018 08:42
 Operator : JC/MD
 Sample : J3119-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-180522

Quant Time: Jun 01 09:14:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

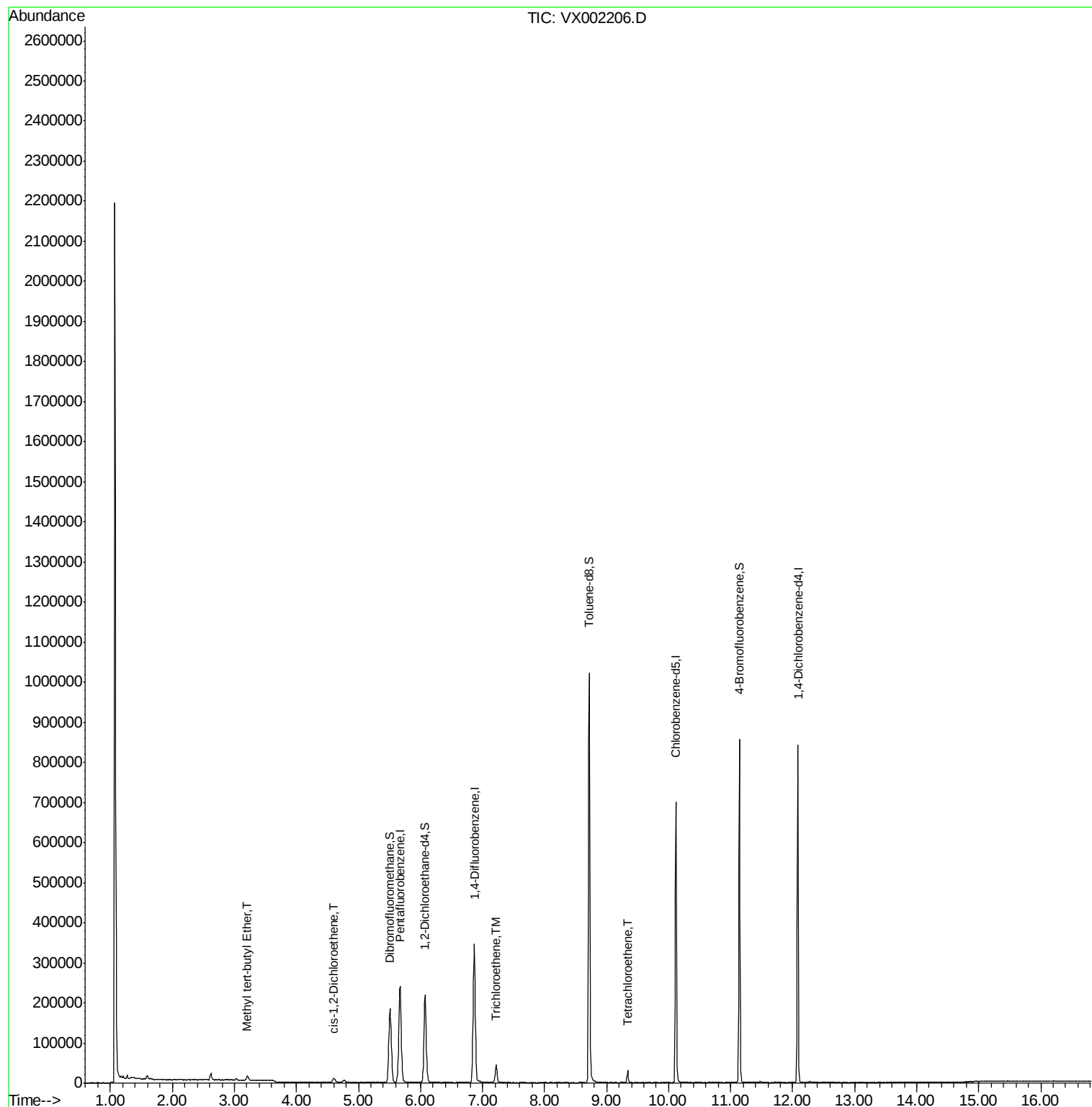
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206076	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.51	113	150209	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	8.72	98	600037	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	208190	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	11278	1.087	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	4999	1.390	ug/l	27
44) Trichloroethene	7.22	130	16412	4.055	ug/l	97
64) Tetrachloroethene	9.34	164	5930	1.333	ug/l	95

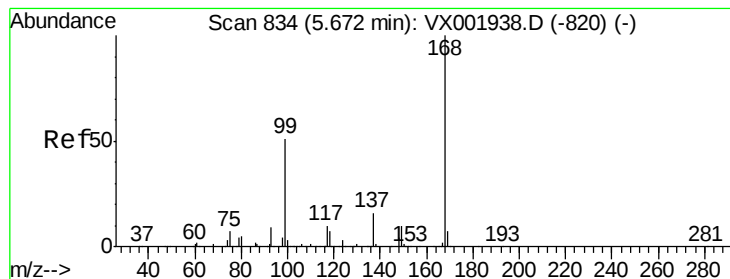
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

Instrument :

MSVOA_X

ClientSampleId :

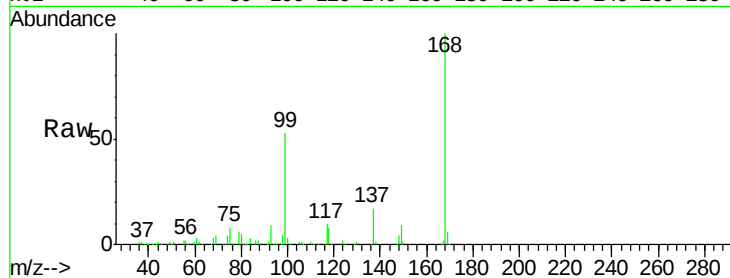
SS052MW271-180522

Tot Ion:168 Resp: 236649

Ion Ratio Lower Upper

168 100

99 53.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

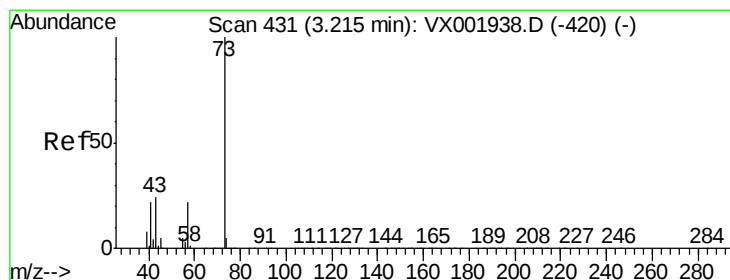
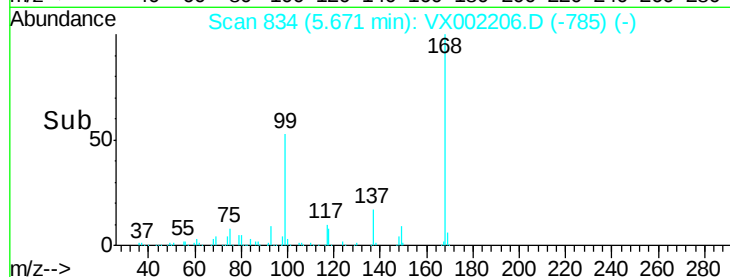
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 1.087 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002206.D

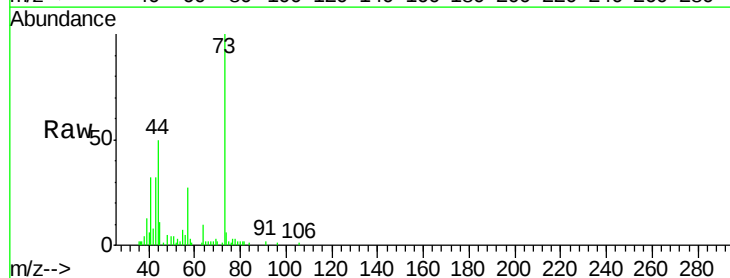
Acq: 01 Jun 2018 08:42

Tgt Ion: 73 Resp: 11278

Ion Ratio Lower Upper

73 100

57 25.5 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

5000

4000

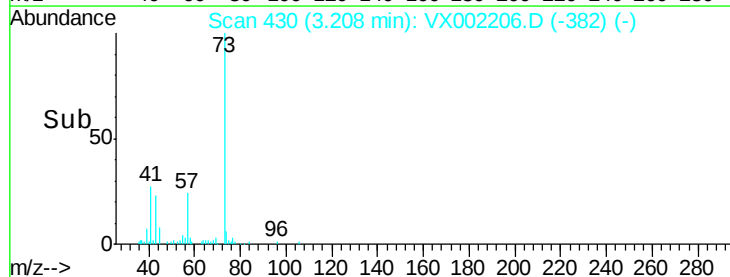
3000

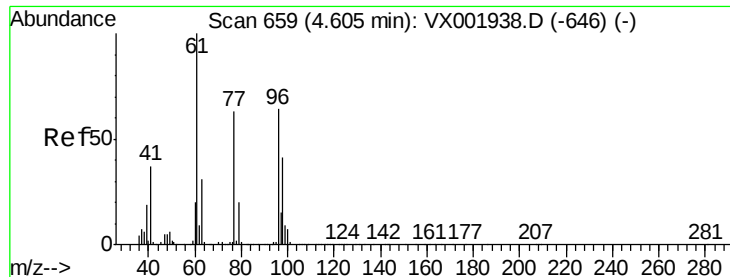
2000

1000

0

Time--> 3.10 3.15 3.20 3.25 3.30



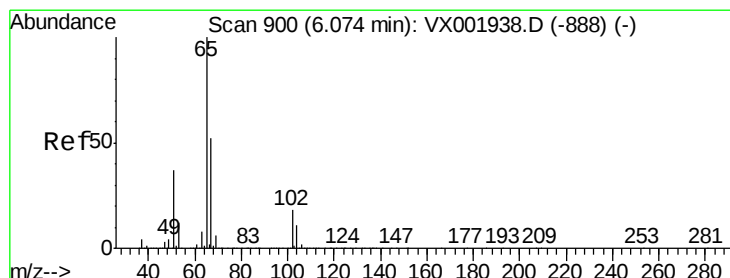
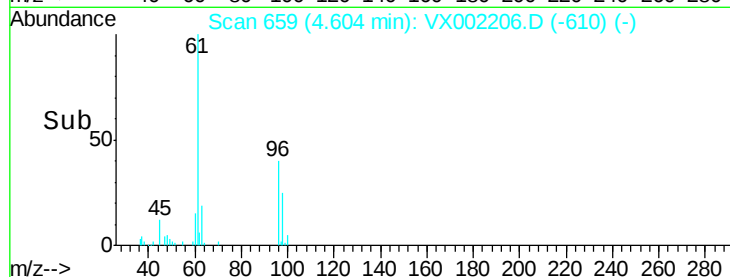
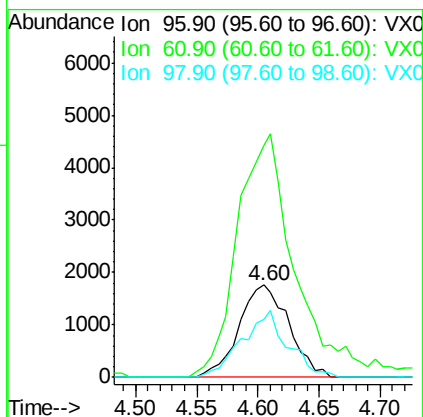
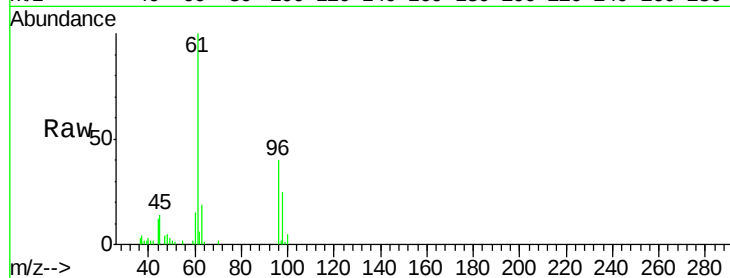


#27

cis-1,2-Dichloroethene
 Concen: 1.390 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002206.D
 Acq: 01 Jun 2018 08:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-180522

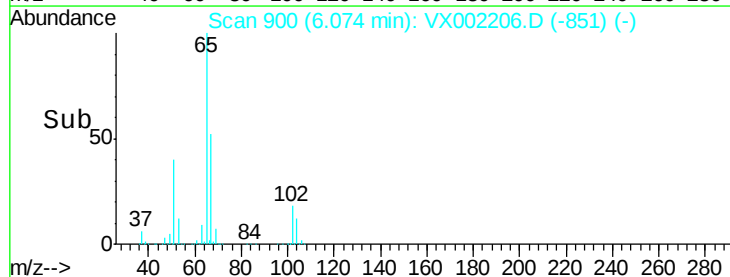
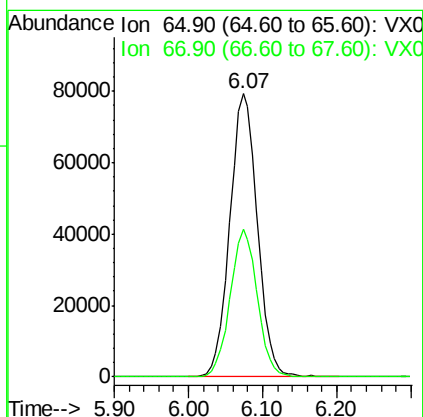
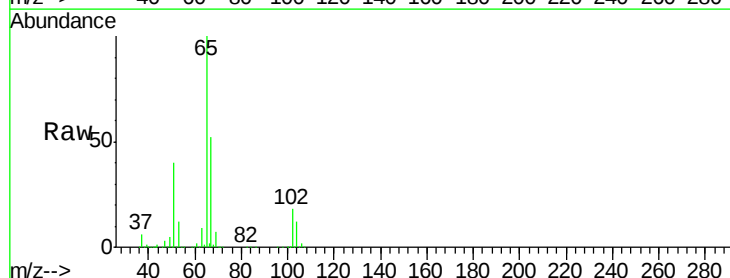
Tot Ion	Ratio	Lower	Upper
96	100		
61	311.1	0.0	348.4
98	66.9	0.0	128.6

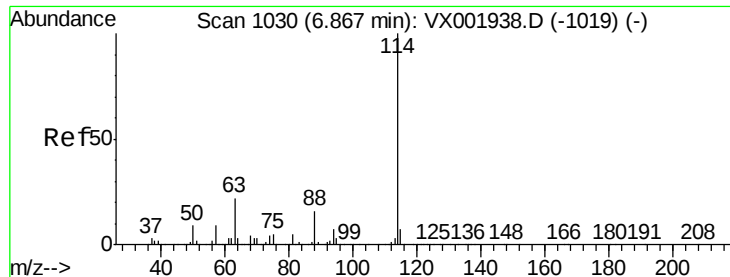


#33

1,2-Dichloroethane-d4
 Concen: 48.717 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002206.D
 Acq: 01 Jun 2018 08:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-180522

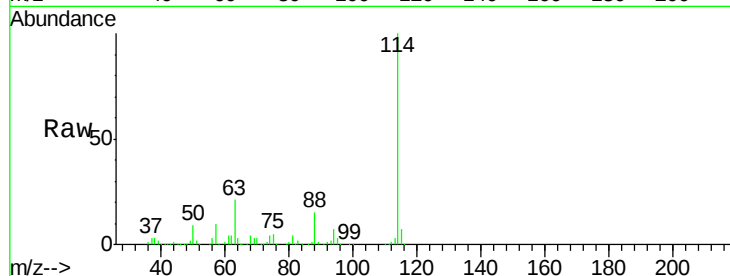
Tot Ion:114 Resp: 340808

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

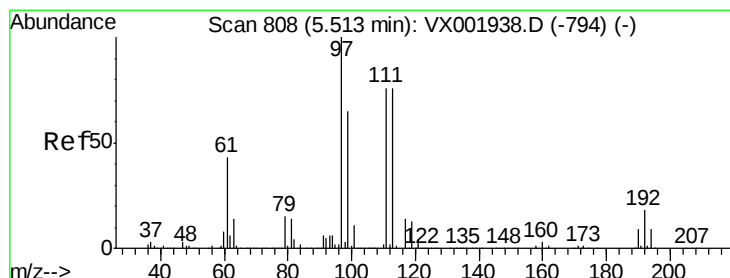
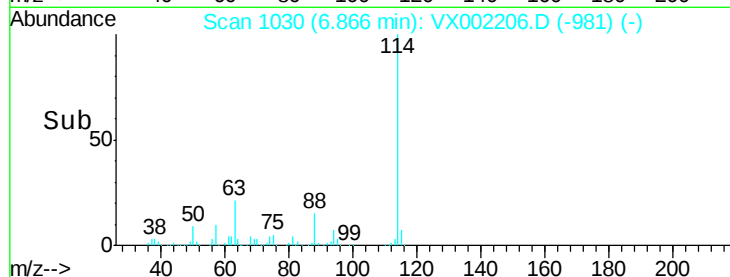
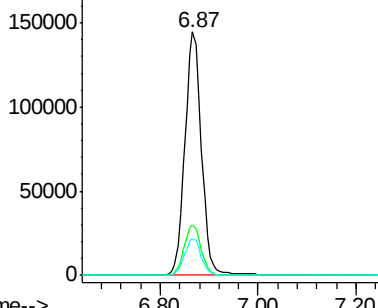
88 15.1 0.0 31.6



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: 44.074 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

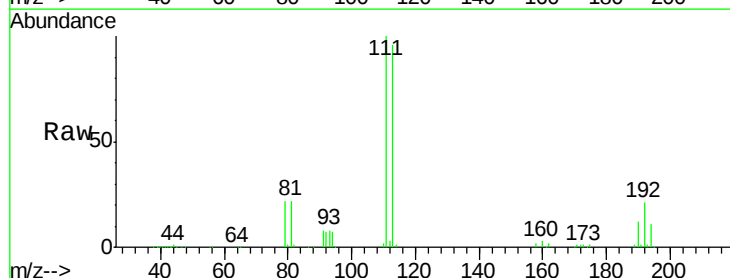
Tgt Ion:113 Resp: 150209

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

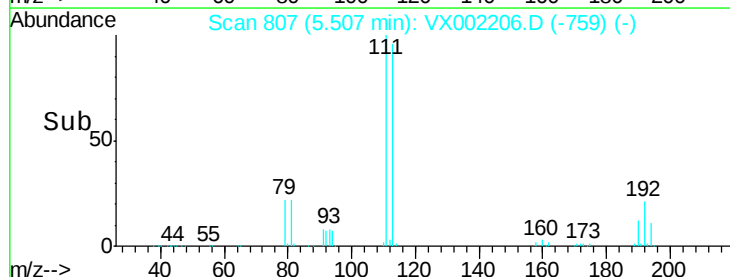
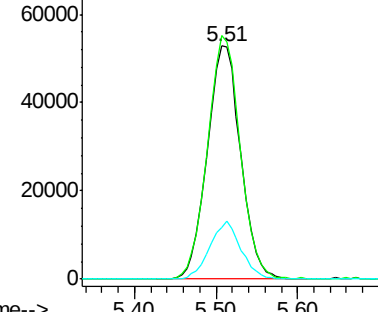
192 23.3 18.9 28.3

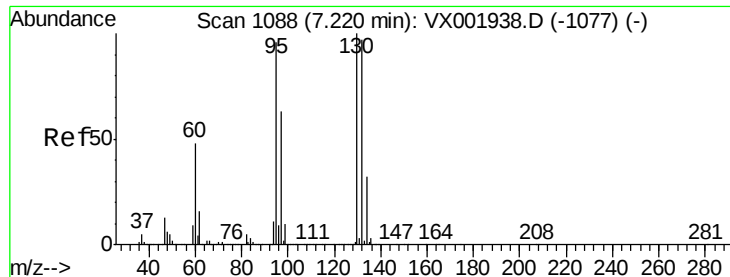


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.055 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

Instrument :

MSVOA_X

ClientSampleId :

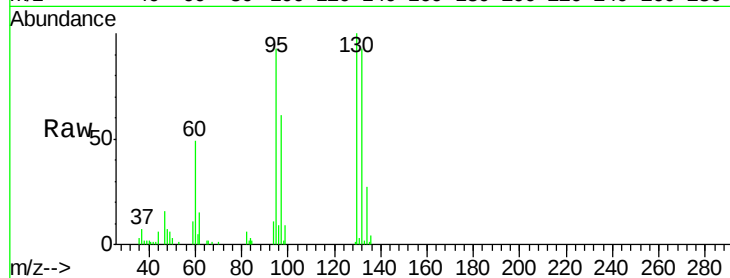
SS052MW271-180522

Tot Ion:130 Resp: 16412

Ion Ratio Lower Upper

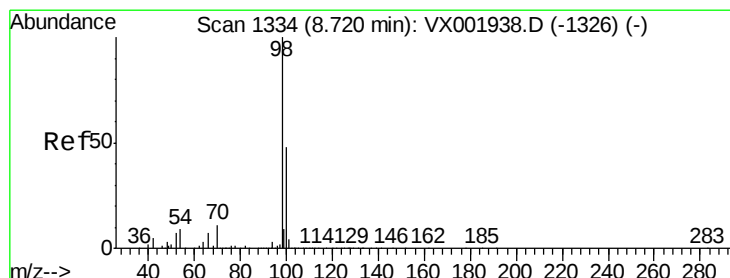
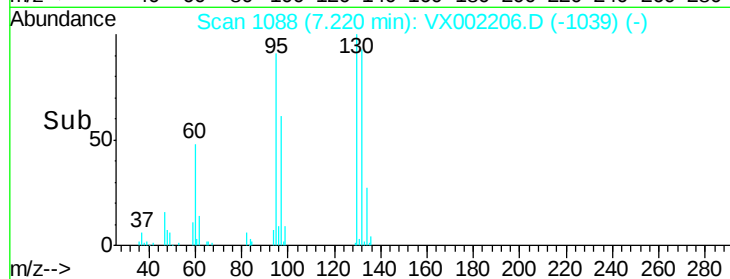
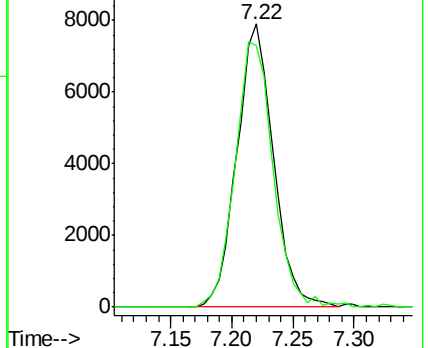
130 100

95 92.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.631 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002206.D

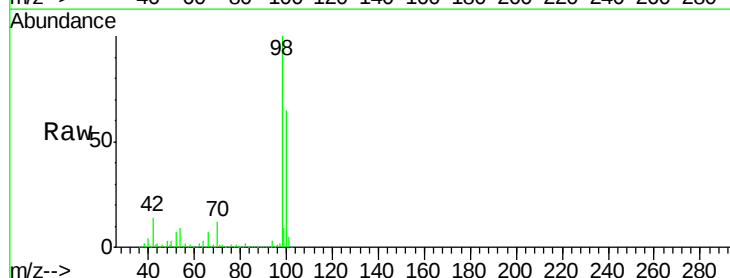
Acq: 01 Jun 2018 08:42

Tgt Ion: 98 Resp: 600037

Ion Ratio Lower Upper

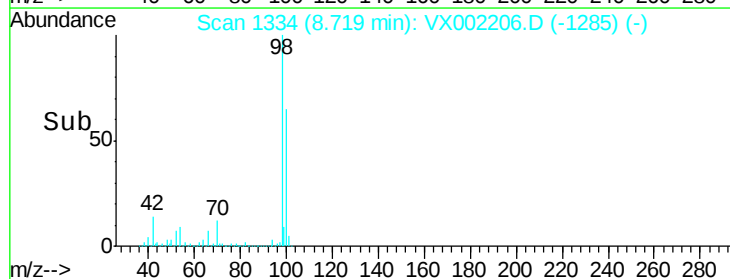
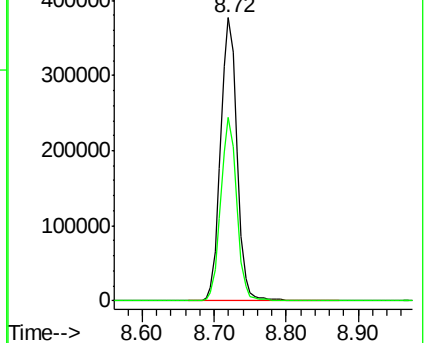
98 100

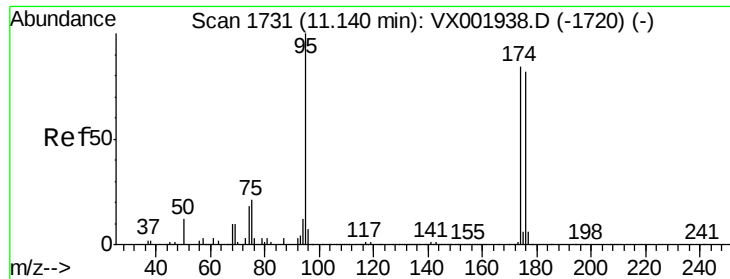
100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.126 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-180522

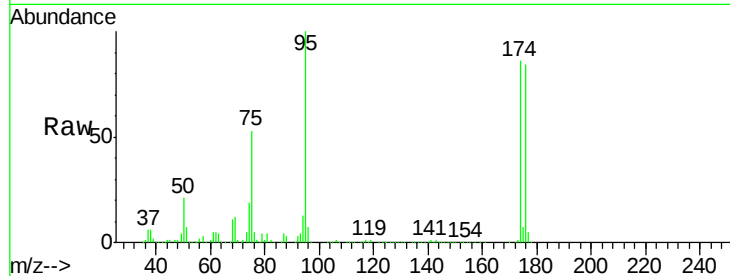
Tot Ion: 95 Resp: 208190

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.8

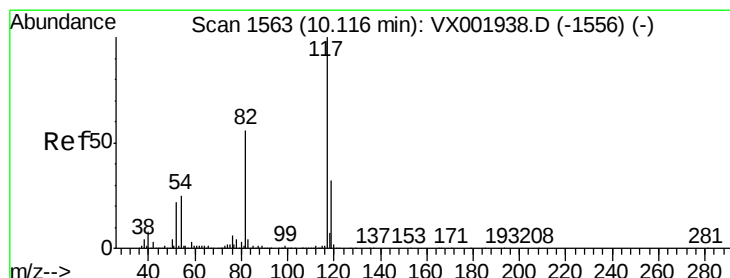
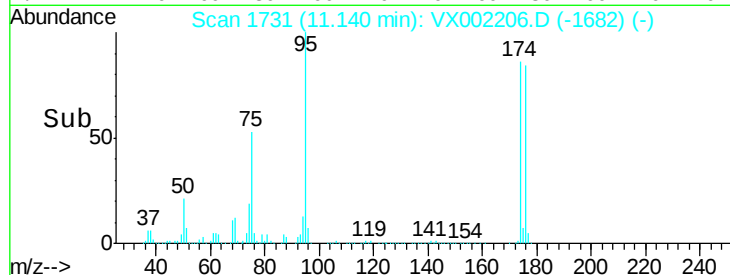
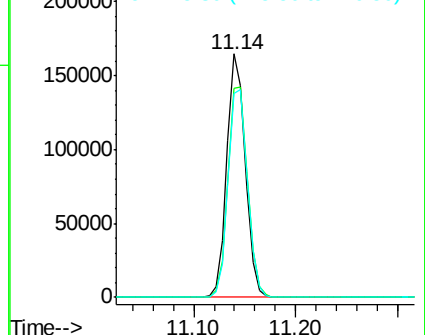
176 89.5 0.0 175.6



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: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

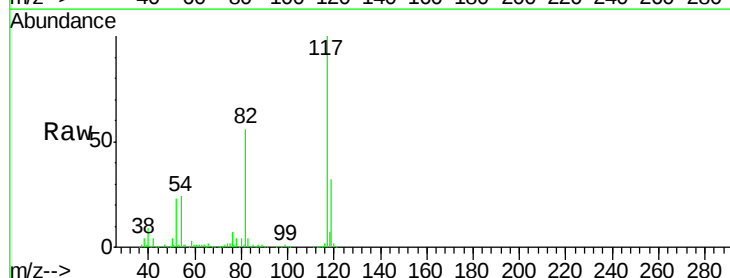
Tgt Ion: 117 Resp: 310272

Ion Ratio Lower Upper

117 100

82 55.9 44.8 67.2

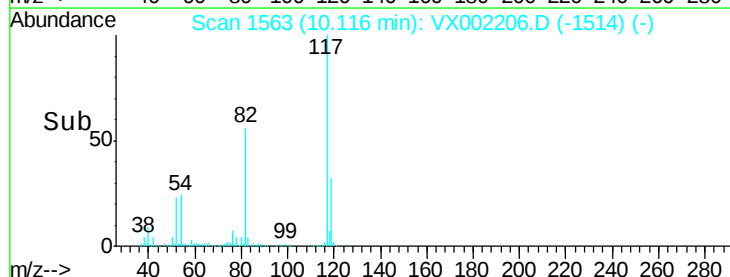
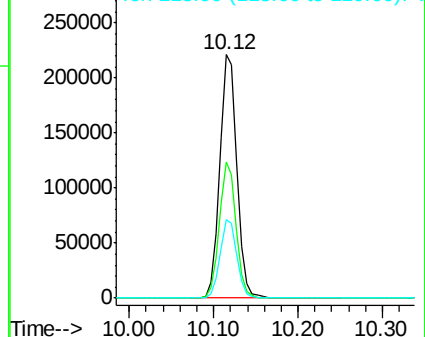
119 32.1 25.5 38.3

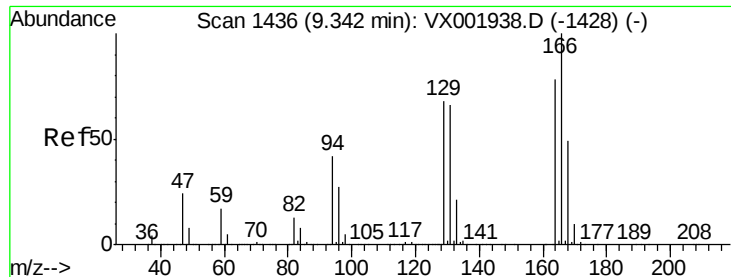


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.333 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-180522

Tot Ion:164 Resp: 5930

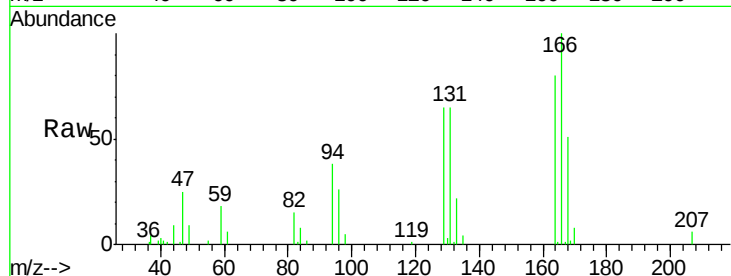
Ion Ratio Lower Upper

164 100

166 124.5 102.7 154.1

129 80.8 70.3 105.5

131 81.4 68.2 102.4



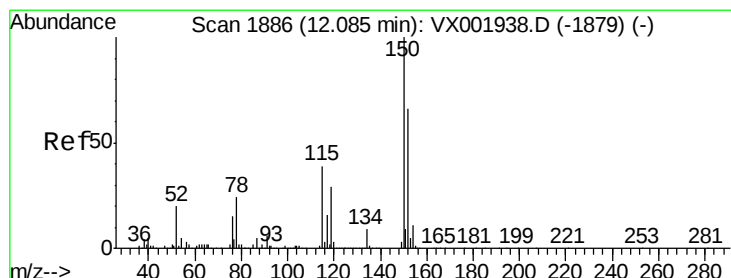
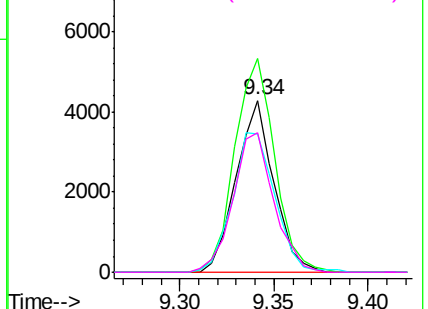
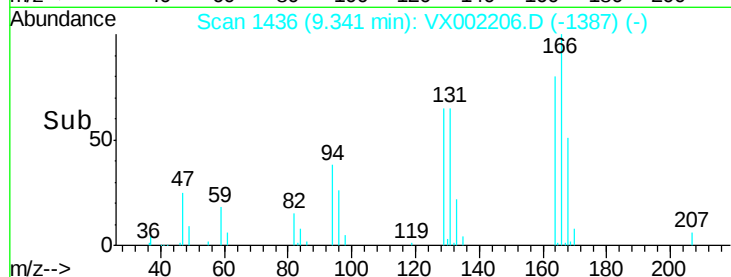
Abundance

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# 1886

Delta R.T. -0.00 min

Lab File: VX002206.D

Acq: 01 Jun 2018 08:42

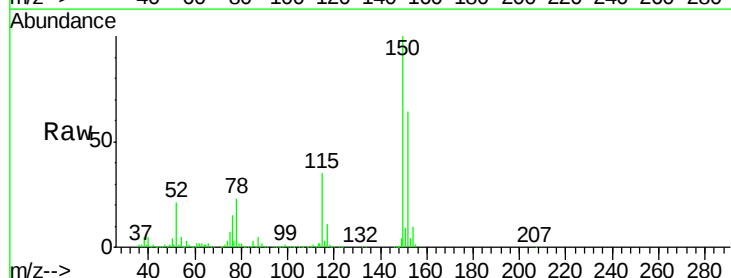
Tgt Ion:152 Resp: 166181

Ion Ratio Lower Upper

152 100

115 55.1 42.3 126.8

150 156.5 0.0 351.0



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

