

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002224.D
 Acq On : 01 Jun 2018 20:50
 Operator : JC/MD
 Sample : J3151-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW764-180523

Quant Time: Jun 02 04:25:16 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

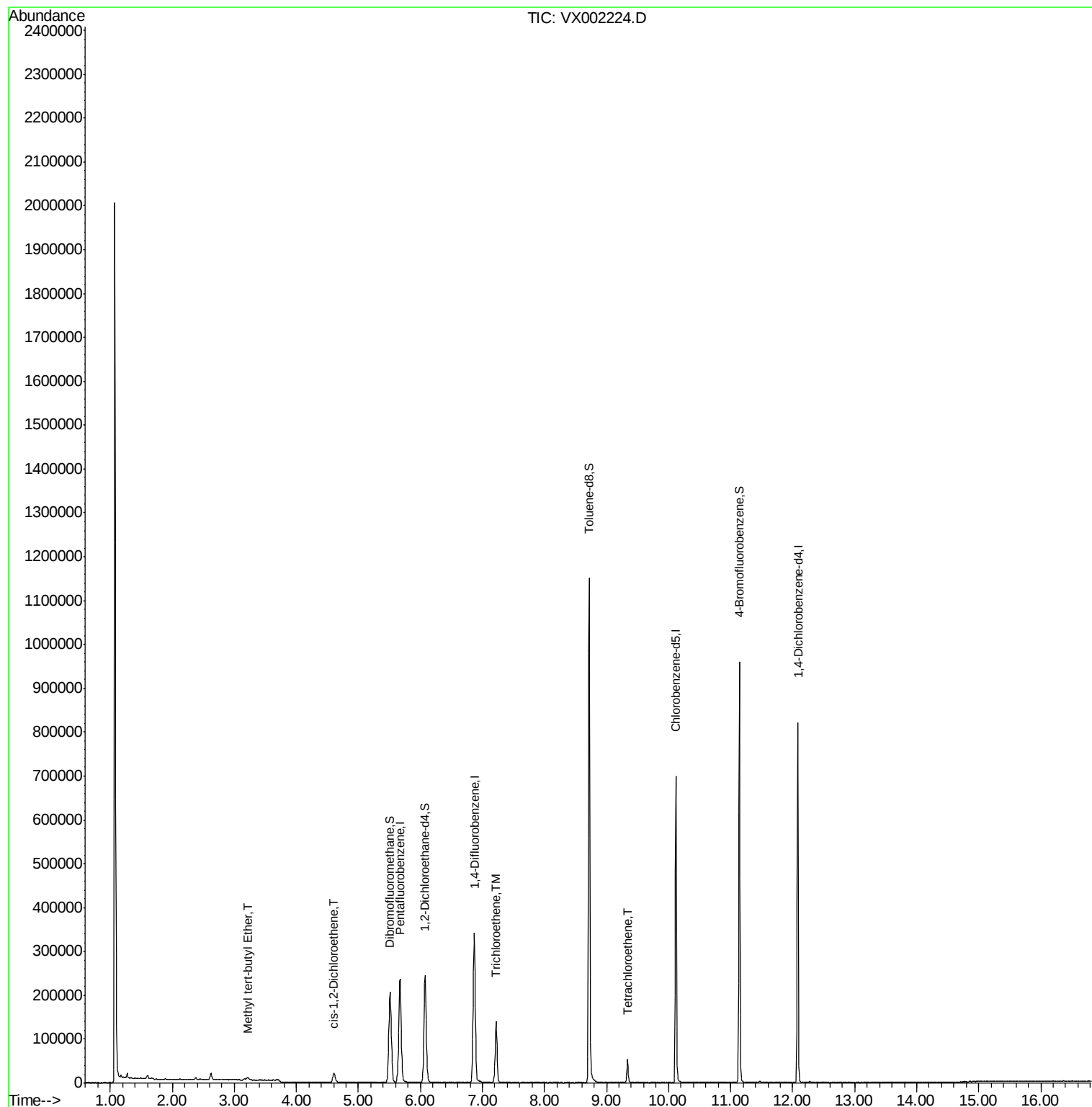
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	230117	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
35) Dibromofluoromethane	5.51	113	167155	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.72	98	664384	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
62) 4-Bromofluorobenzene	11.14	95	230832	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	5311	0.523	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	11477	3.263	ug/l	79
44) Trichloroethene	7.22	130	53446	13.258	ug/l	99
64) Tetrachloroethene	9.34	164	10205	2.320	ug/l	98

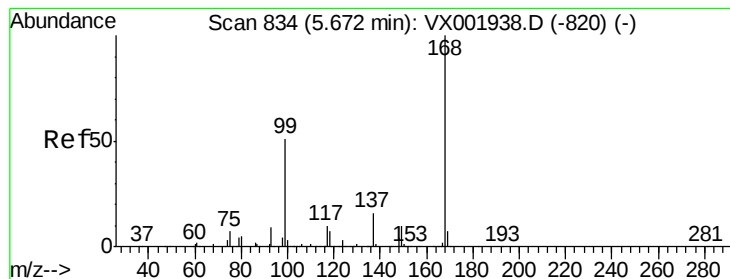
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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: VX002224.D

Acq: 01 Jun 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

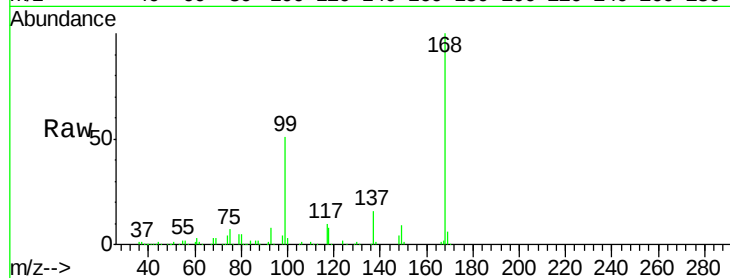
SS052MW764-180523

Tgt Ion:168 Resp: 231440

Ion Ratio Lower Upper

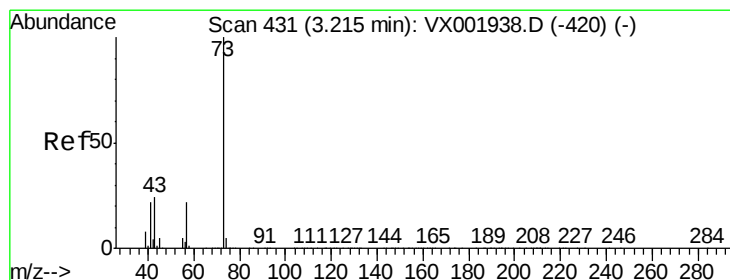
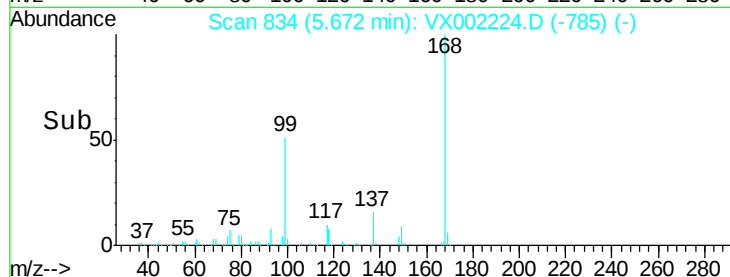
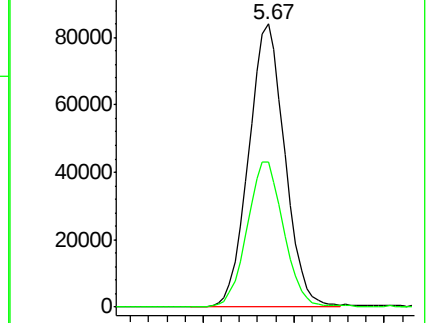
168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.523 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002224.D

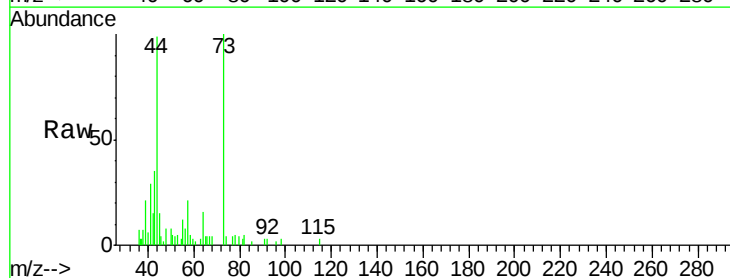
Acq: 01 Jun 2018 20:50

Tgt Ion: 73 Resp: 5311

Ion Ratio Lower Upper

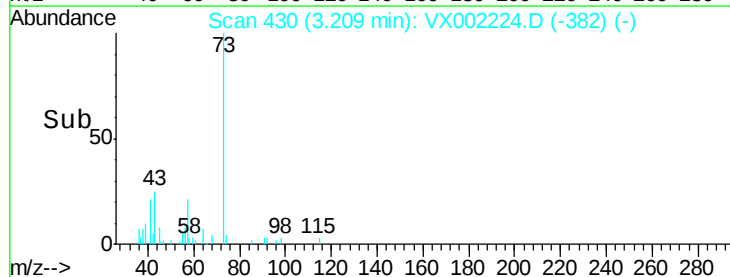
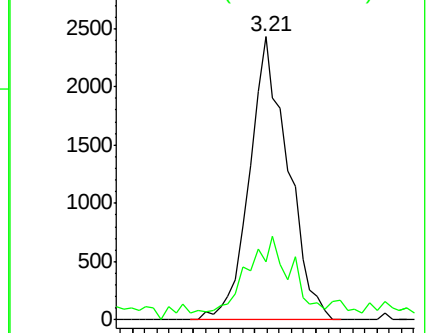
73 100

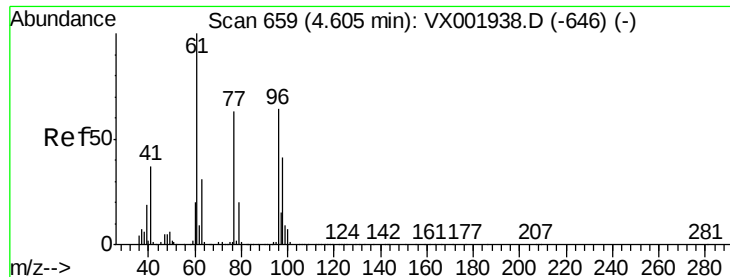
57 18.2 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



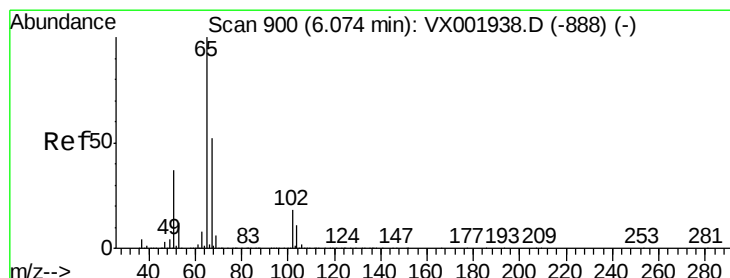
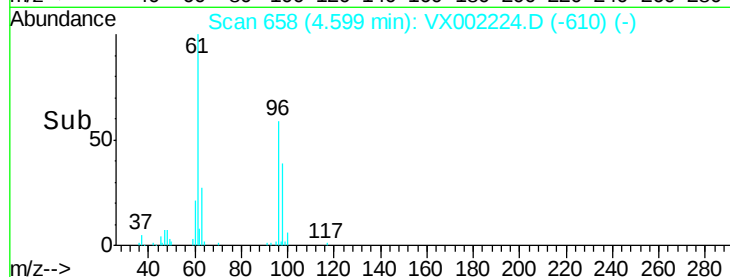
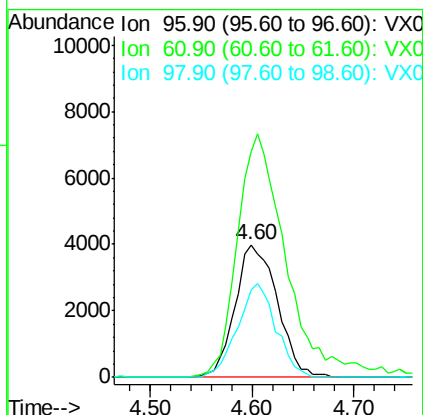
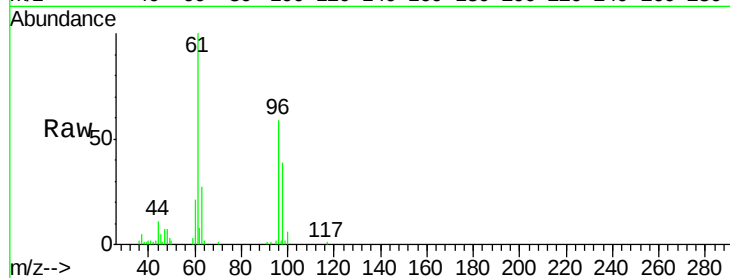


#27

cis-1,2-Dichloroethene
Concen: 3.263 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002224.D
Acq: 01 Jun 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
SS052MW764-180523

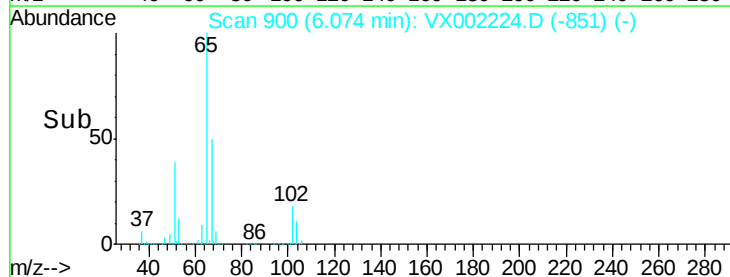
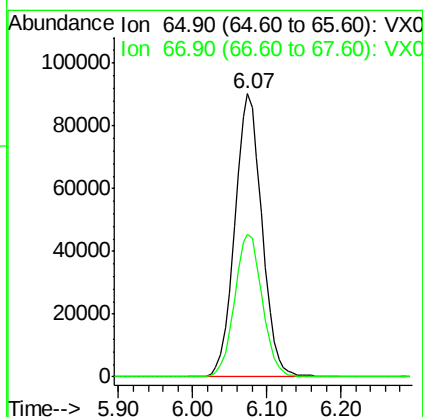
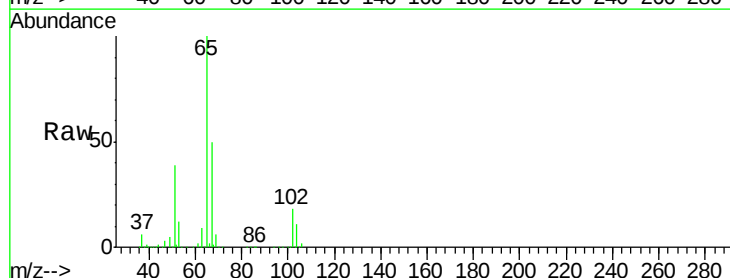
Tgt Ion: 96 Resp: 11477
Ion Ratio Lower Upper
96 100
61 213.1 0.0 348.4
98 64.5 0.0 128.6

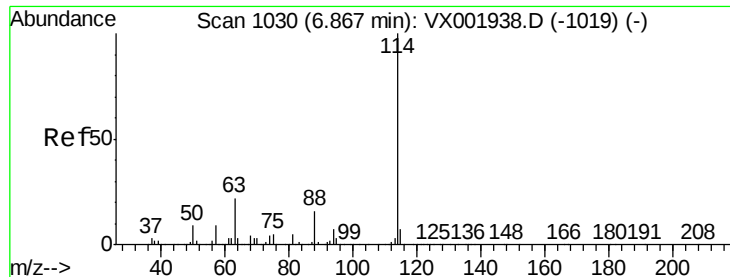


#33

1,2-Dichloroethane-d4
Concen: 55.624 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002224.D
Acq: 01 Jun 2018 20:50

Tgt Ion: 65 Resp: 230117
Ion Ratio Lower Upper
65 100
67 51.5 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: VX002224.D

Acq: 01 Jun 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-180523

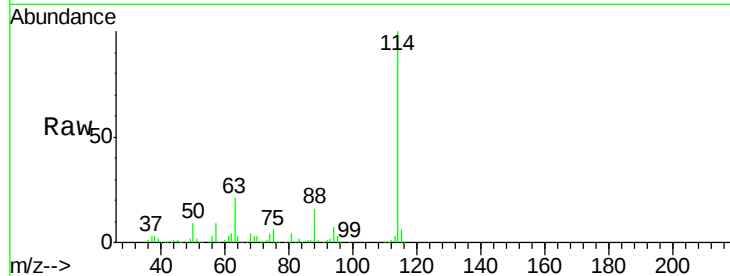
Tgt Ion:114 Resp: 339462

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

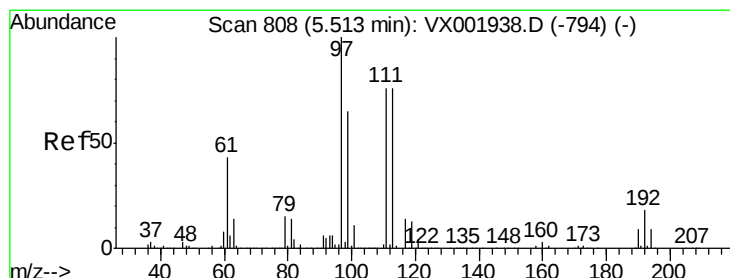
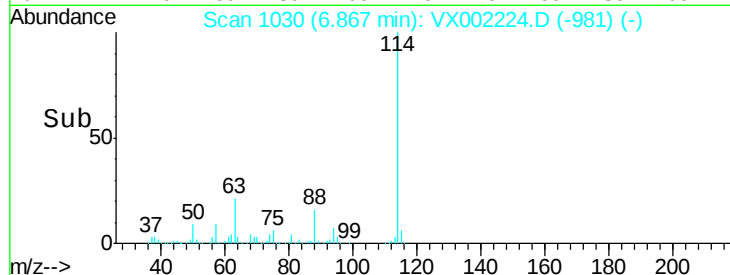
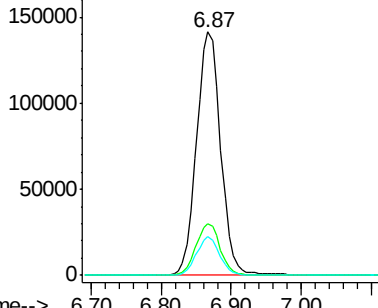
88 16.0 0.0 31.6



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: 49.241 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

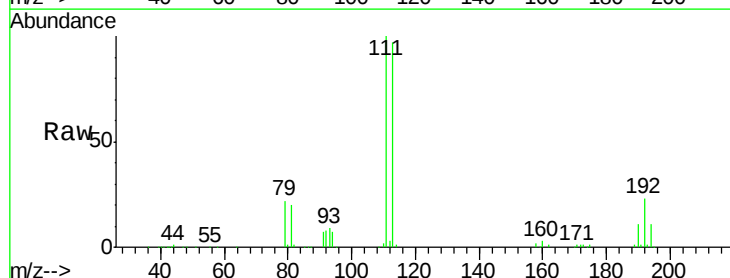
Tgt Ion:113 Resp: 167155

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

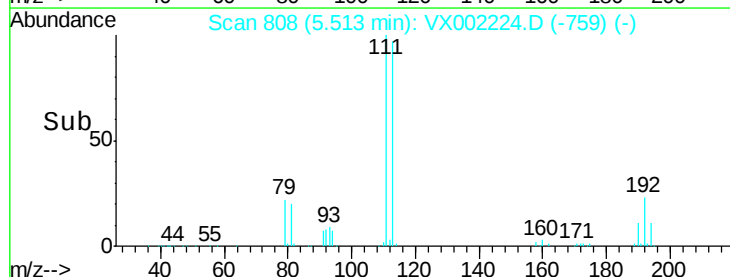
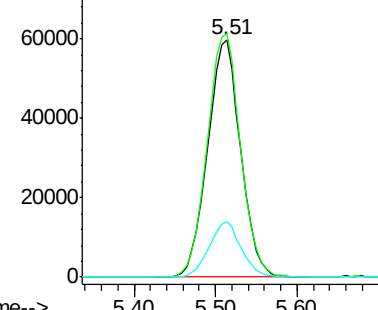
192 22.7 18.9 28.3

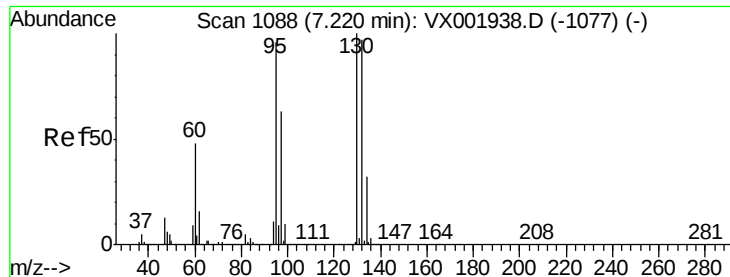


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.258 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

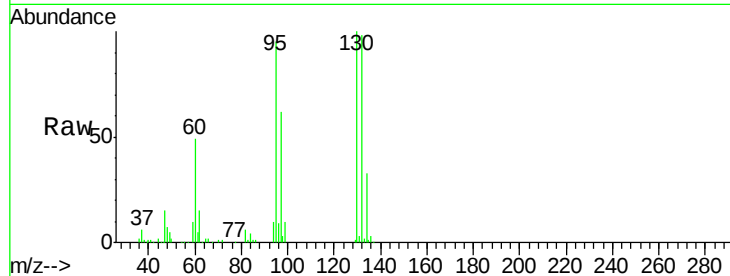
SS052MW764-180523

Tgt Ion:130 Resp: 53446

Ion Ratio Lower Upper

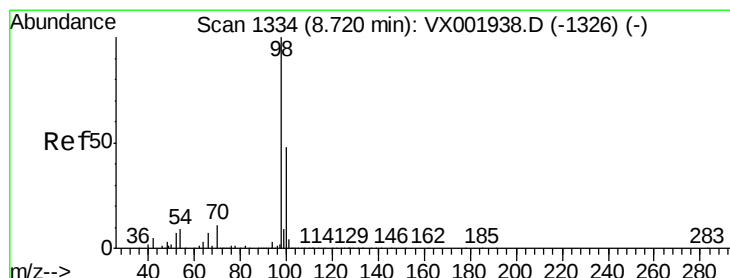
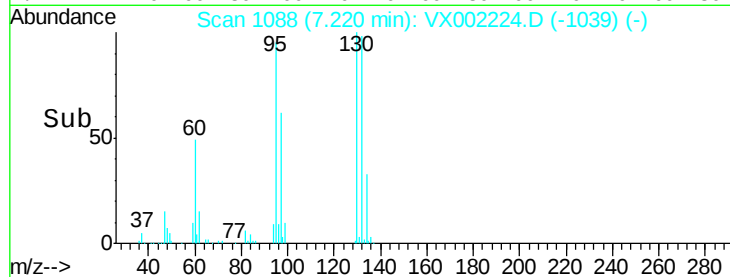
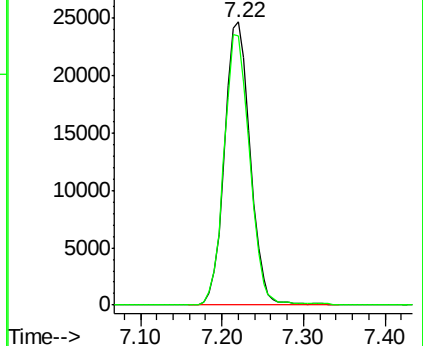
130 100

95 95.0 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: 54.060 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002224.D

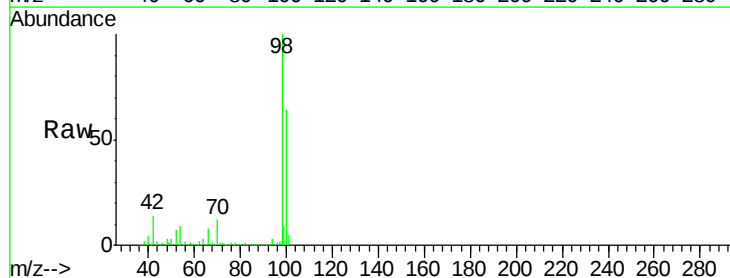
Acq: 01 Jun 2018 20:50

Tgt Ion: 98 Resp: 664384

Ion Ratio Lower Upper

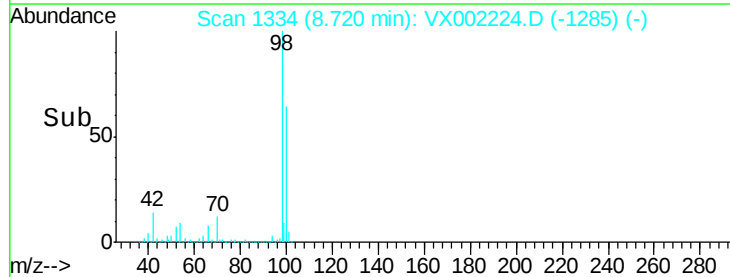
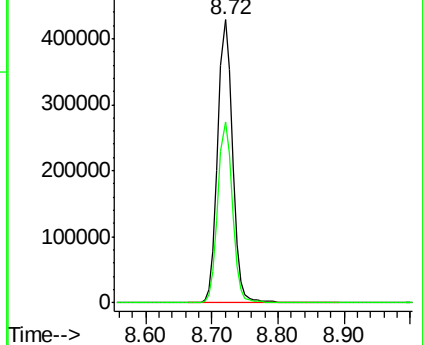
98 100

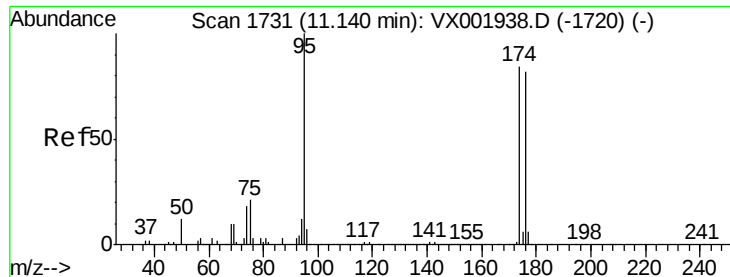
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.006 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-180523

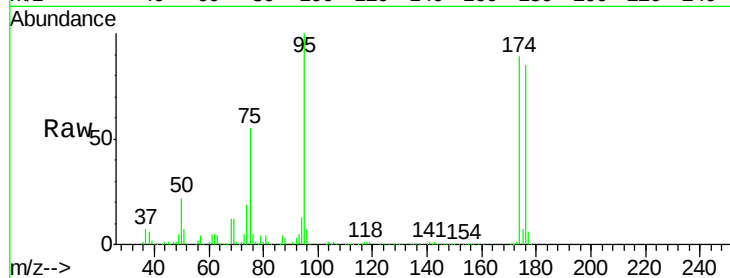
Tgt Ion: 95 Resp: 230832

Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

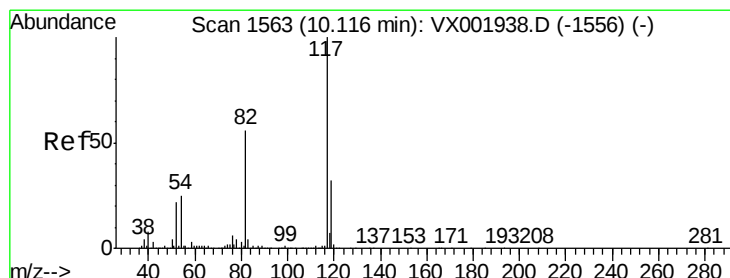
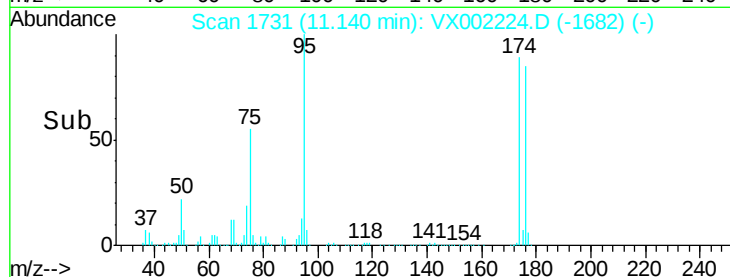
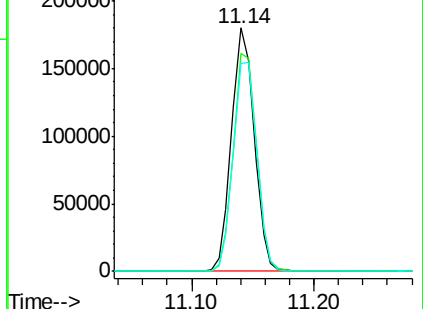
176 89.6 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

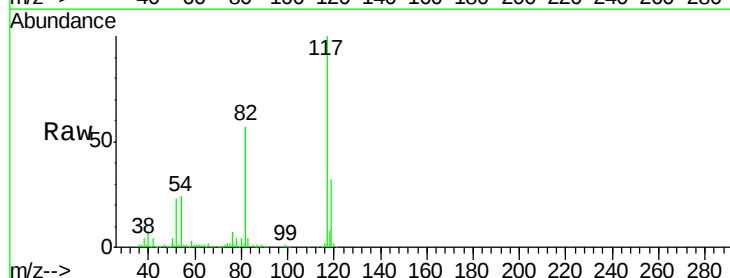
Tgt Ion: 117 Resp: 306831

Ion Ratio Lower Upper

117 100

82 56.6 44.8 67.2

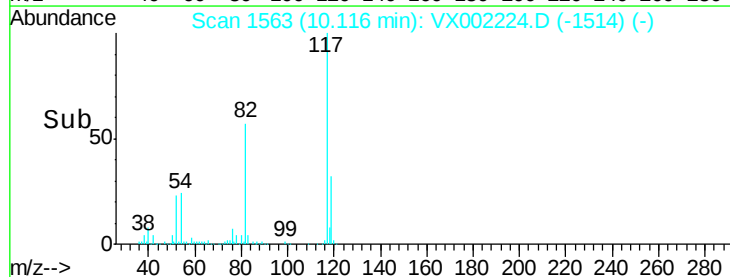
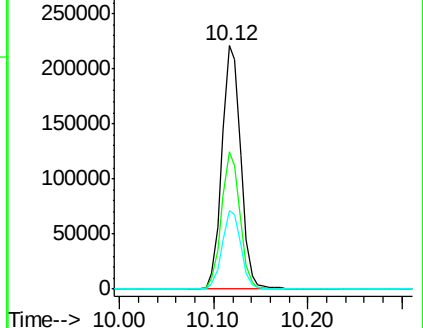
119 32.4 25.5 38.3

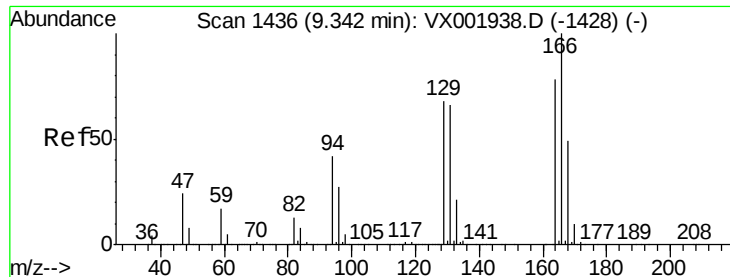


Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)





#64

Tetrachloroethene

Concen: 2.320 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW764-180523

Tgt Ion:164 Resp: 10205

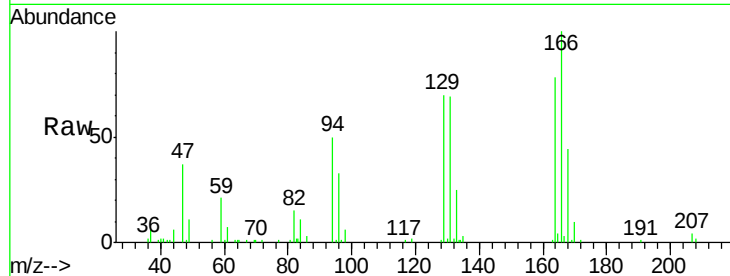
Ion Ratio Lower Upper

164 100

166 128.7 102.7 154.1

129 90.2 70.3 105.5

131 88.6 68.2 102.4

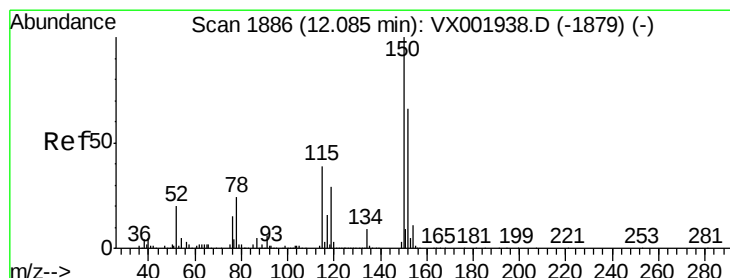
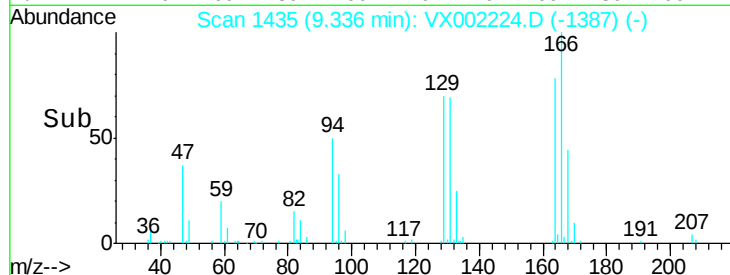
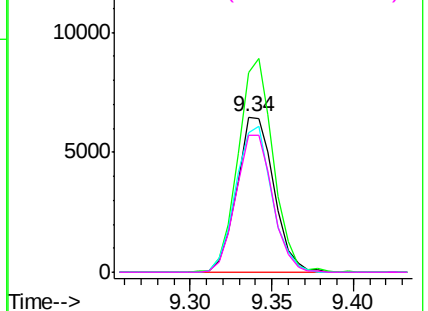


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002224.D

Acq: 01 Jun 2018 20:50

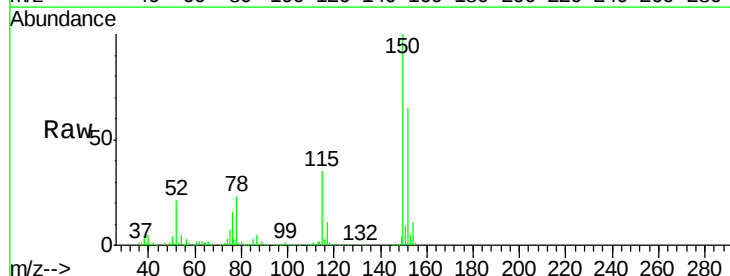
Tgt Ion:152 Resp: 167411

Ion Ratio Lower Upper

152 100

115 56.1 42.3 126.8

150 156.8 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

