

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001675.D
 Acq On : 12 May 2018 18:56
 Operator : JC/MD
 Sample : J2741-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-180502

Quant Time: May 14 07:20:15 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

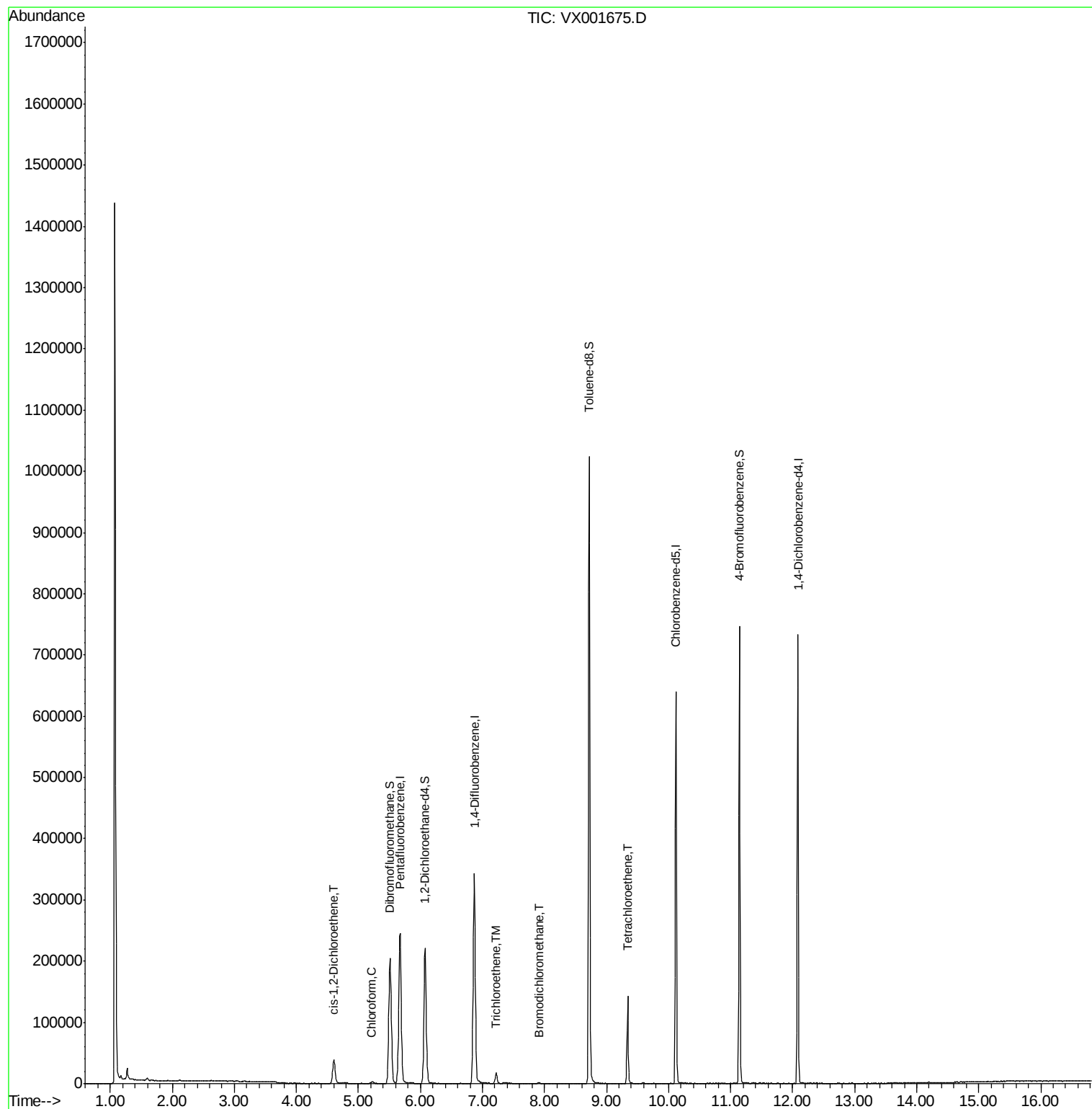
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209948	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	5.51	113	167508	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	8.72	98	590825	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	186665	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	24315	7.14	ug/l	89
30) Chloroform	5.22	83	2529	0.44	ug/l	88
44) Trichloroethene	7.22	130	6840	1.71	ug/l	97
47) Bromodichloromethane	7.91	83	1068	0.25	ug/l #	87
64) Tetrachloroethene	9.34	164	31138	7.35	ug/l	97

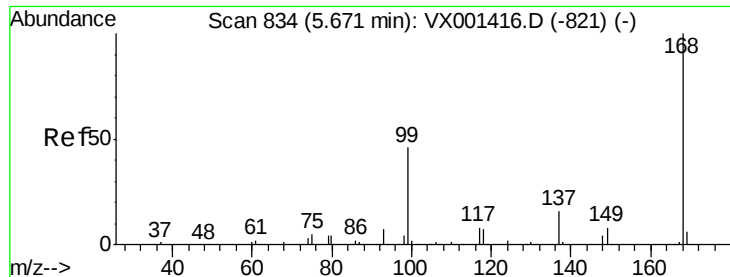
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001675.D

Acq: 12 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

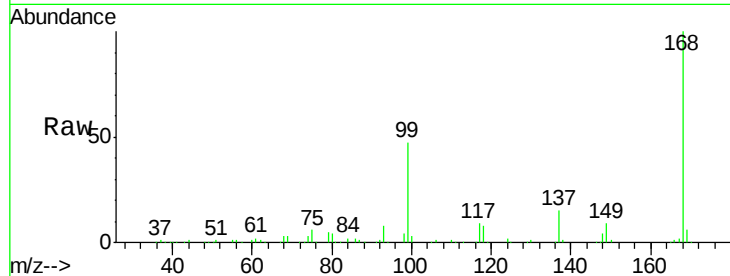
SS037MW110-180502

Tot Ion:168 Resp: 258859

Ion Ratio Lower Upper

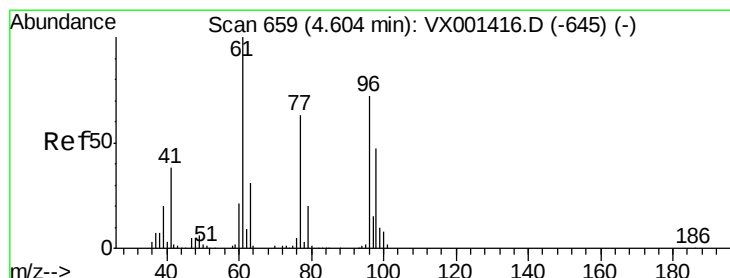
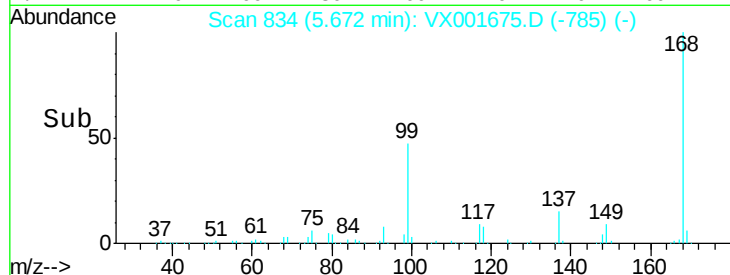
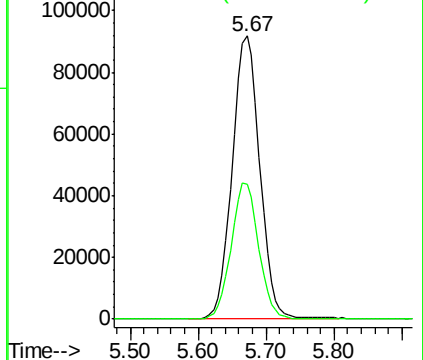
168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.14 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

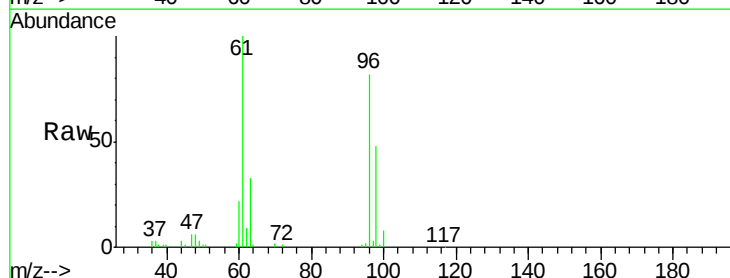
Tgt Ion: 96 Resp: 24315

Ion Ratio Lower Upper

96 100

61 133.2 0.0 301.6

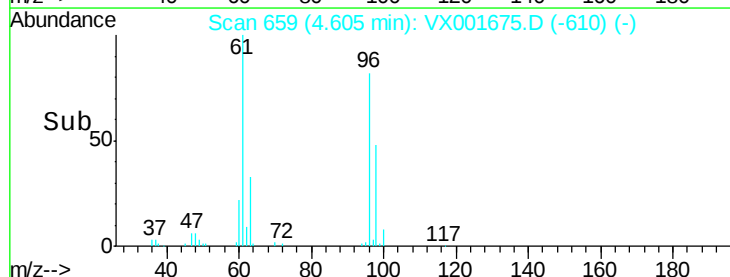
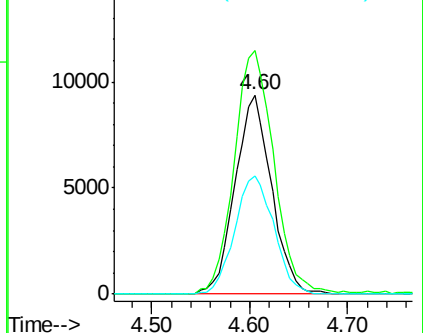
98 63.5 0.0 131.6

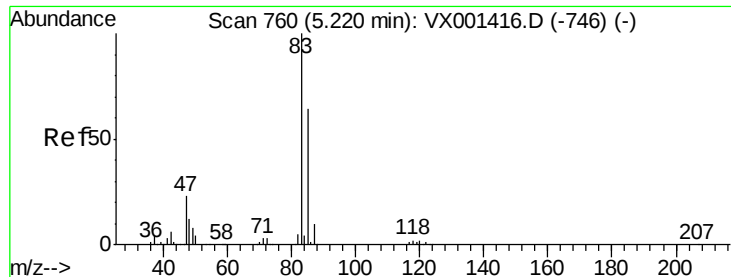


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

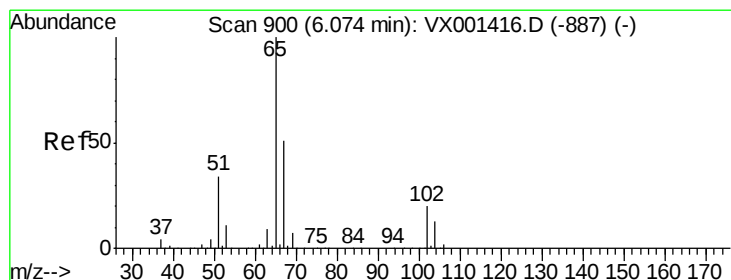
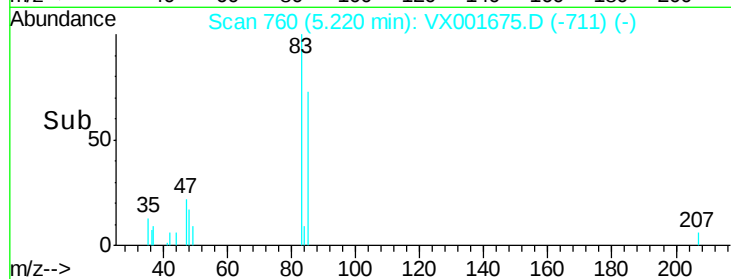
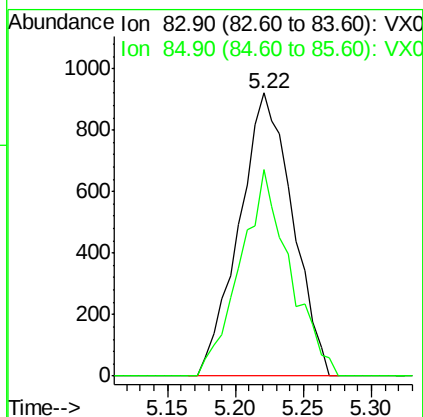
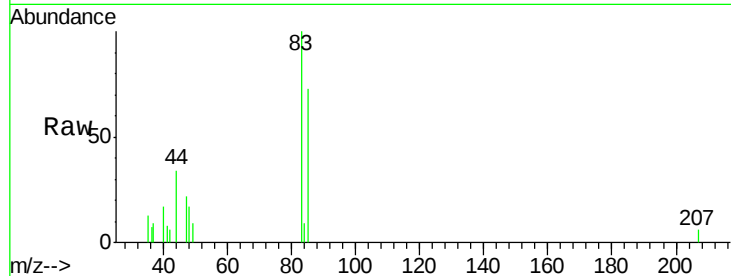




#30
Chloroform
Concen: 0.44 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001675.D
Acq: 12 May 2018 18:56

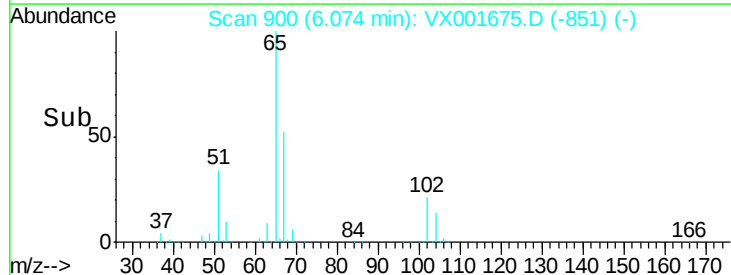
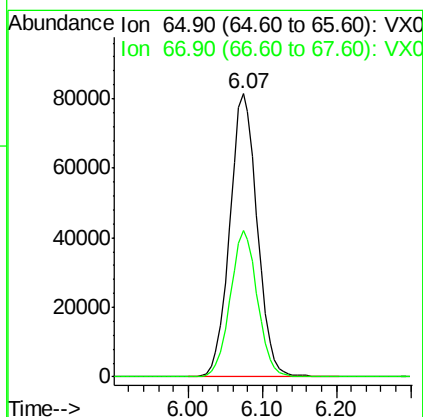
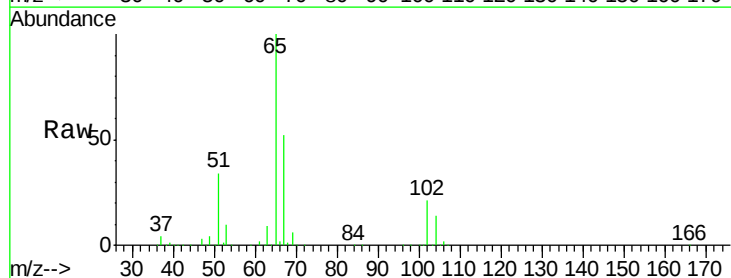
Instrument :
MSVOA_X
ClientSampleId :
SS037MW110-180502

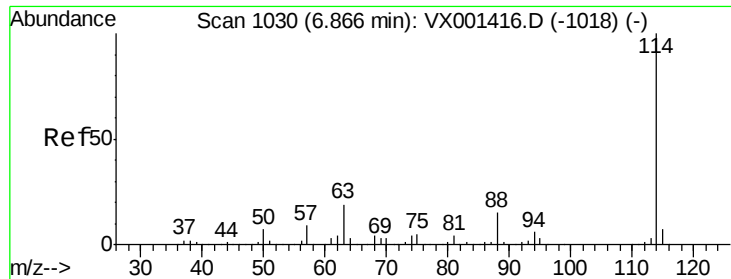
Tot Ion: 83 Resp: 2529
Ion Ratio Lower Upper
83 100
85 73.2 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 56.43 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001675.D
Acq: 12 May 2018 18:56

Tgt Ion: 65 Resp: 209948
Ion Ratio Lower Upper
65 100
67 51.2 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: VX001675.D

Acq: 12 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

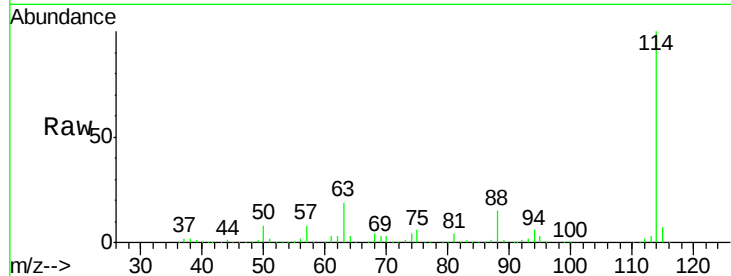
Tot Ion:114 Resp: 352697

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

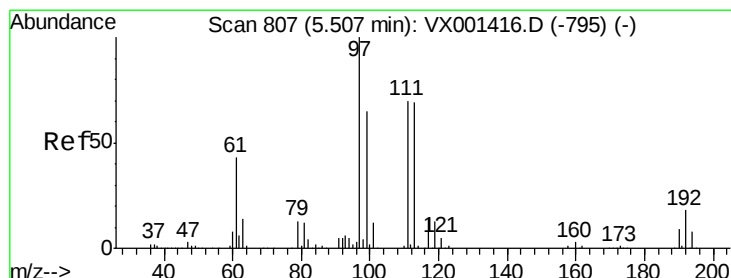
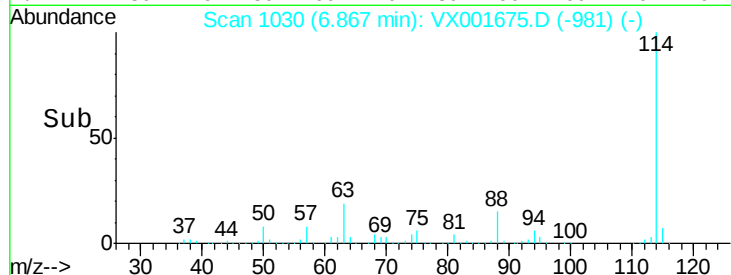
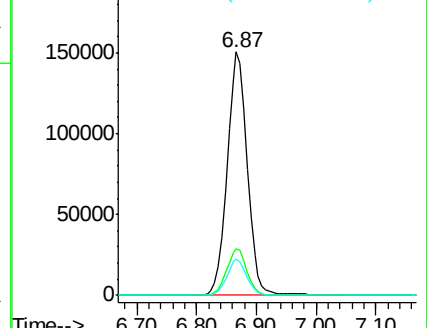
88 14.9 0.0 30.8



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: 53.39 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

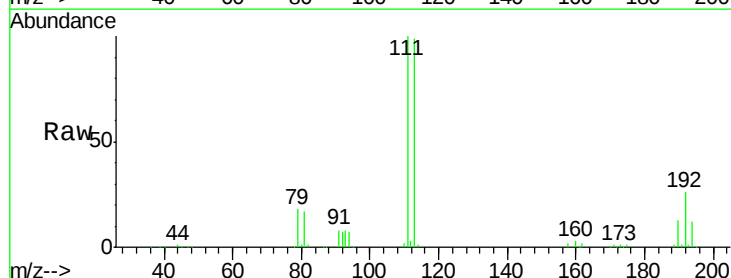
Tgt Ion:113 Resp: 167508

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

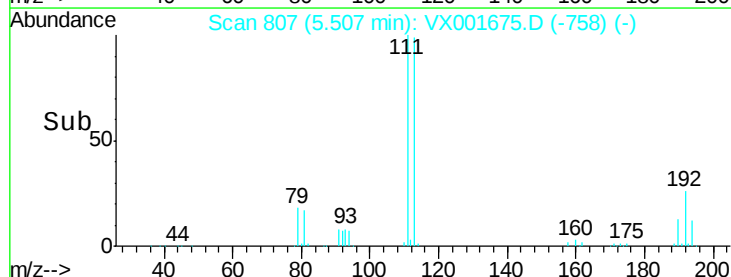
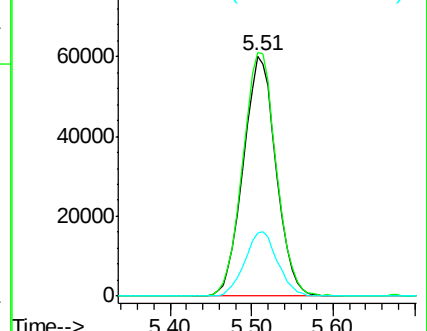
192 26.9 21.4 32.0

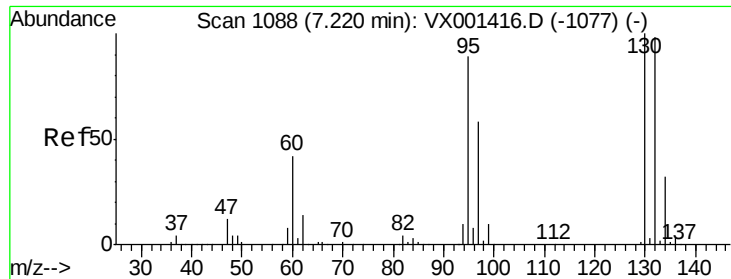


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.71 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

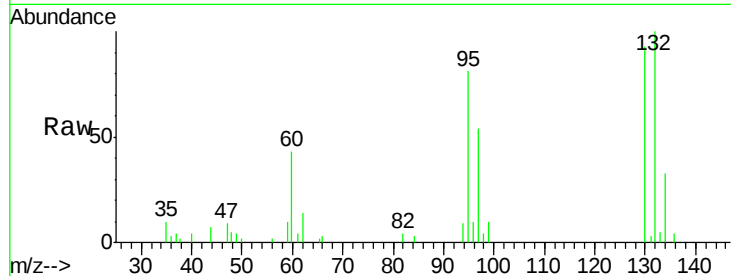
SS037MW110-180502

Tot Ion:130 Resp: 6840

Ion Ratio Lower Upper

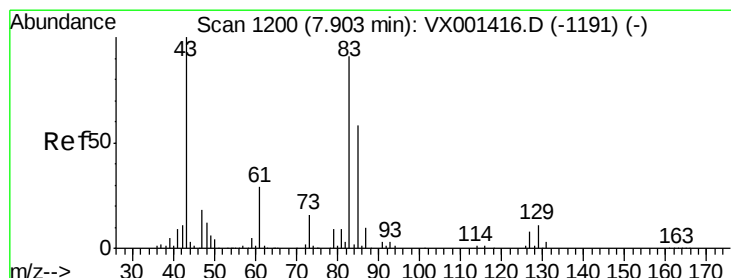
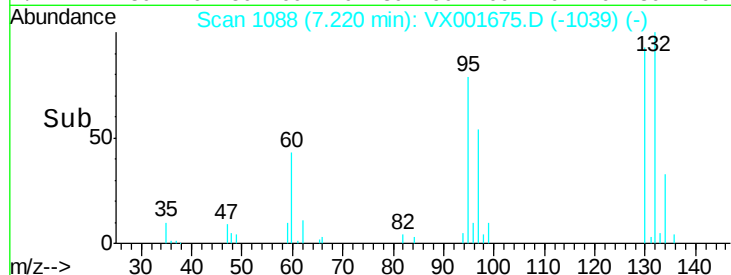
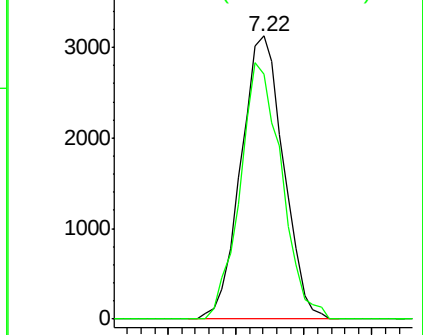
130 100

95 86.7 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.25 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

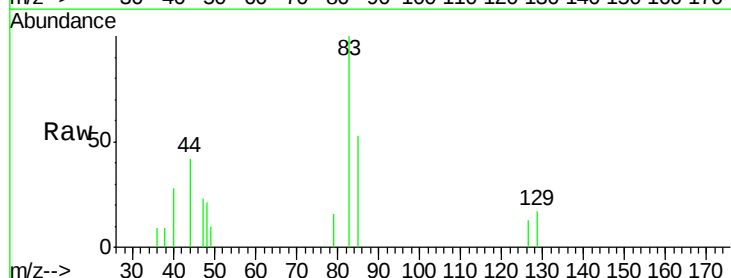
Tgt Ion: 83 Resp: 1068

Ion Ratio Lower Upper

83 100

85 53.1 51.0 76.6

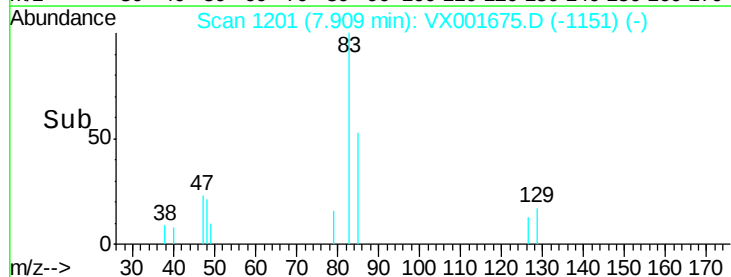
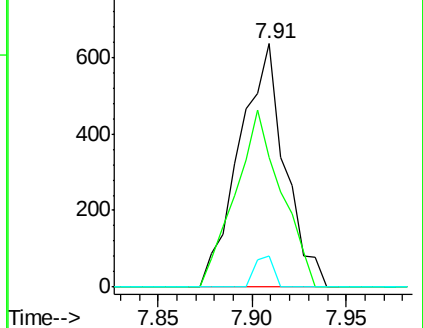
127 12.9 7.4 11.2#

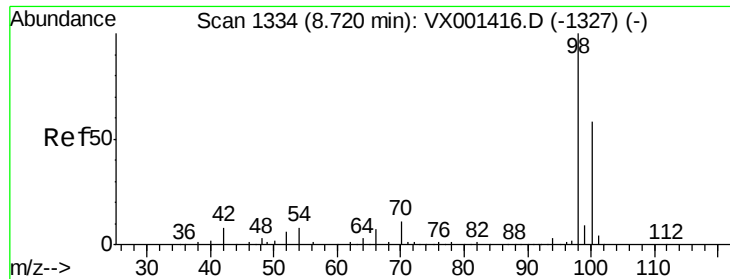


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 51.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

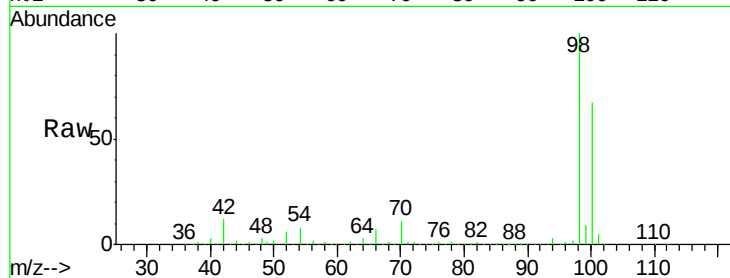
SS037MW110-180502

Tot Ion: 98 Resp: 590825

Ion Ratio Lower Upper

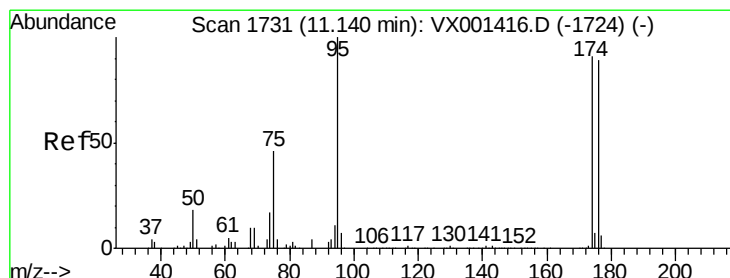
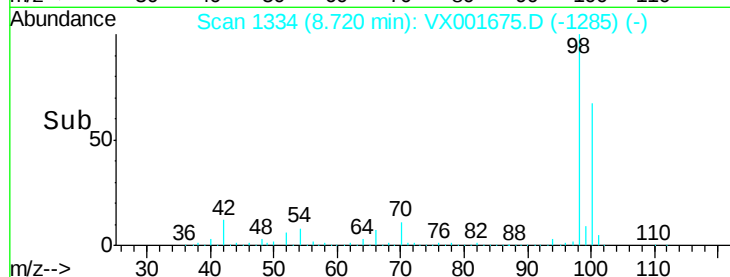
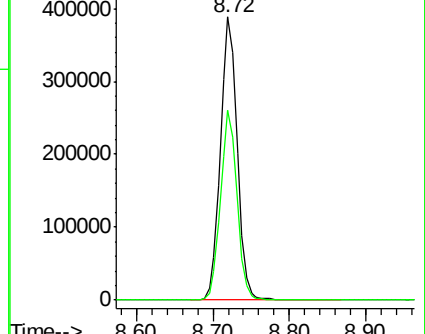
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 42.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

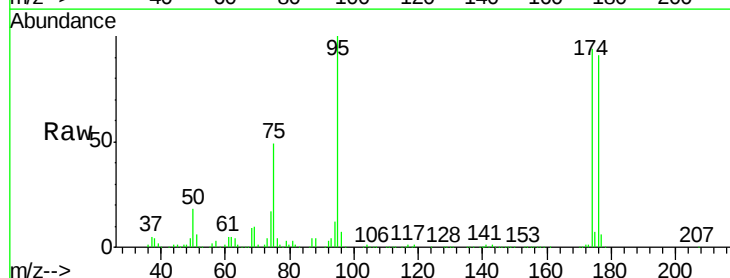
Tgt Ion: 95 Resp: 186665

Ion Ratio Lower Upper

95 100

174 101.1 0.0 202.0

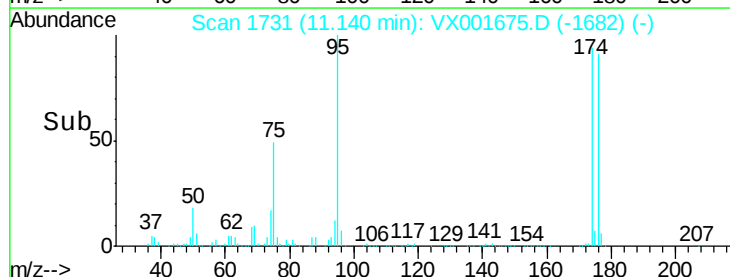
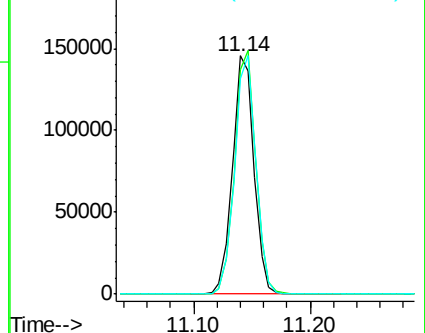
176 99.3 0.0 197.4

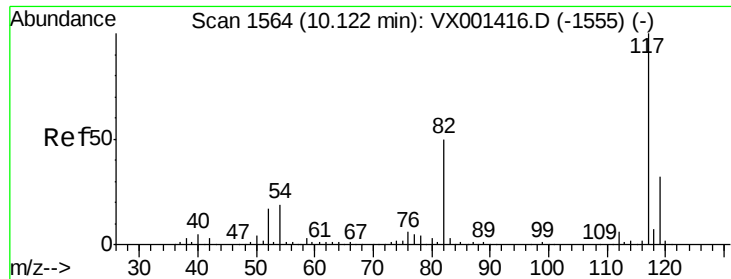


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

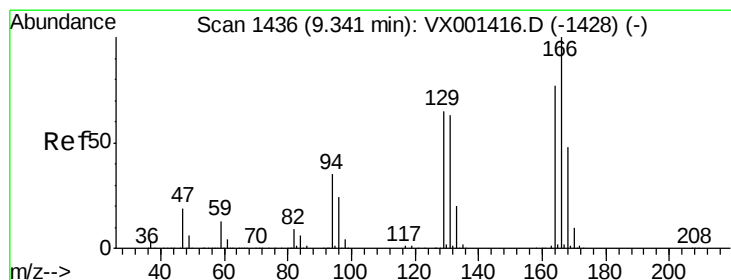
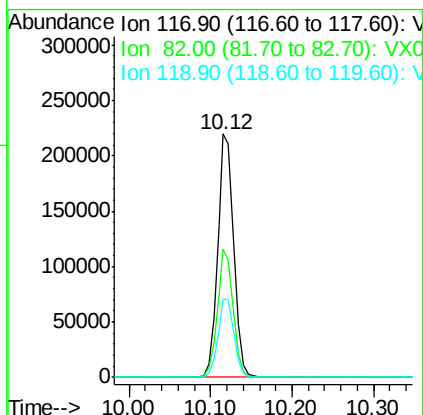
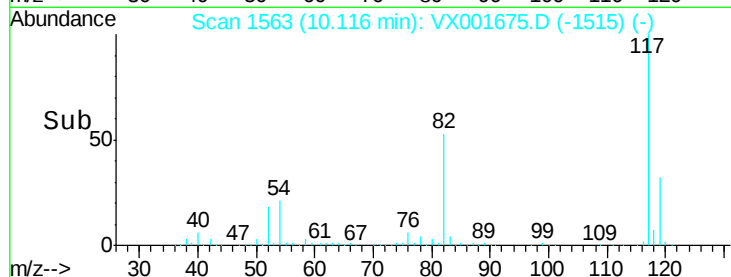
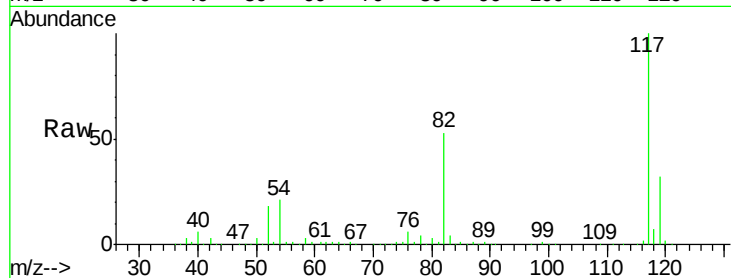




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001675.D
Acq: 12 May 2018 18:56

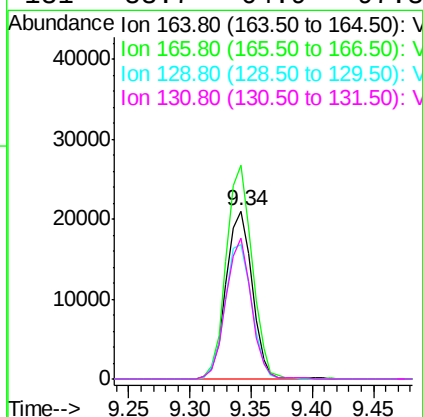
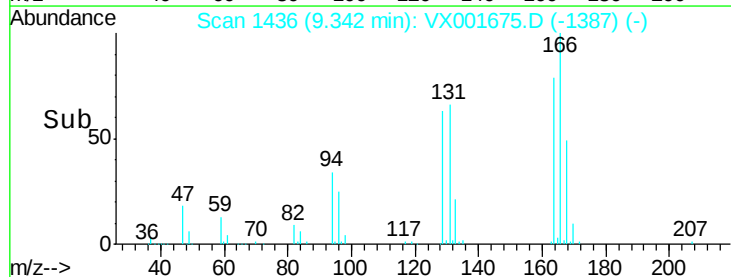
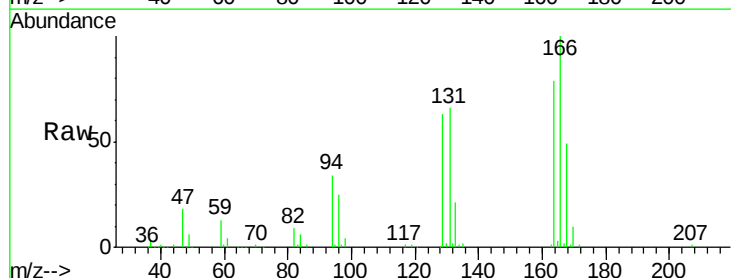
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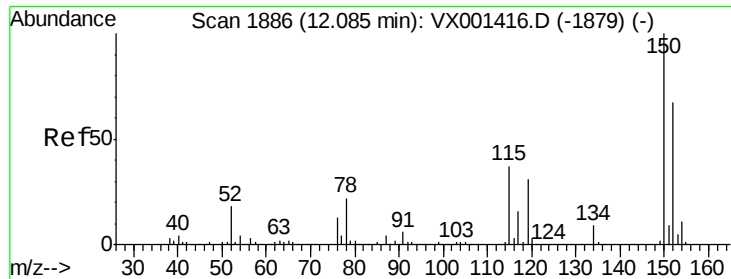
Tot Ion:117 Resp: 304117
Ion Ratio Lower Upper
117 100
82 52.9 40.0 60.0
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 7.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001675.D
Acq: 12 May 2018 18:56

Tgt Ion:164 Resp: 31138
Ion Ratio Lower Upper
164 100
166 126.9 103.5 155.3
129 79.8 66.7 100.1
131 83.7 64.9 97.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001675.D

Acq: 12 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

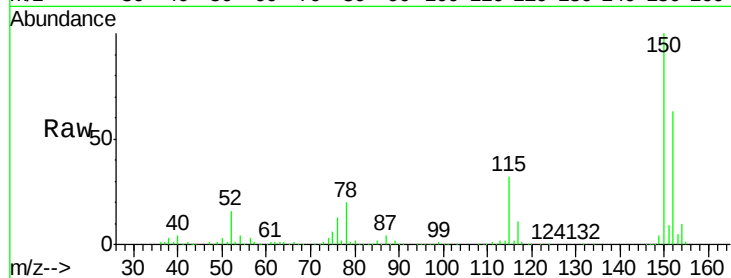
Tot Ion:152 Resp: 159375

Ion Ratio Lower Upper

152 100

115 51.8 37.7 113.1

150 157.2 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

