

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002310.D
 Acq On : 05 Jun 2018 17:17
 Operator : JC/MD
 Sample : J3268-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-180529

Quant Time: Jun 06 05:39:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

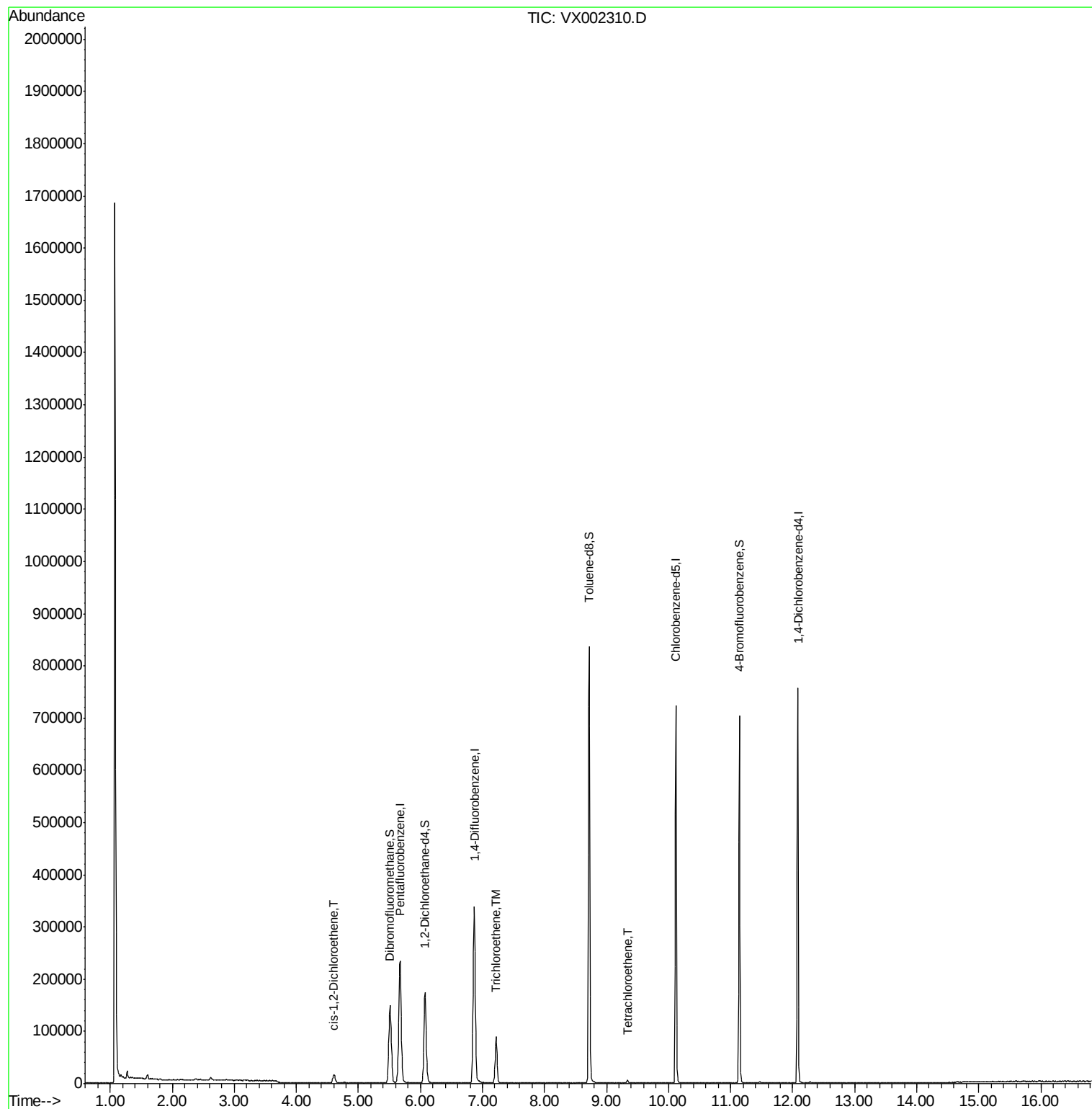
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	158960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166139	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	5.51	113	120954	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	8.72	98	484787	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.14	95	160105	40.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	8567	2.916	ug/l	89
44) Trichloroethene	7.22	130	34368	11.402	ug/l	96
64) Tetrachloroethene	9.34	164	1185	0.375	ug/l #	84

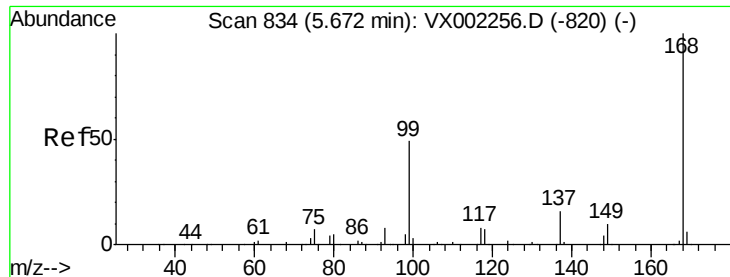
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 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: VX002310.D

Acq: 05 Jun 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

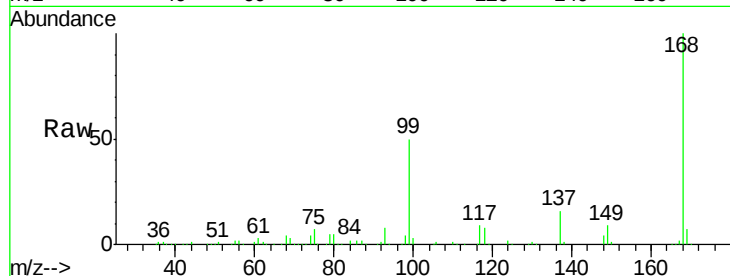
SS052MW098-180529

Tot Ion:168 Resp: 230133

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

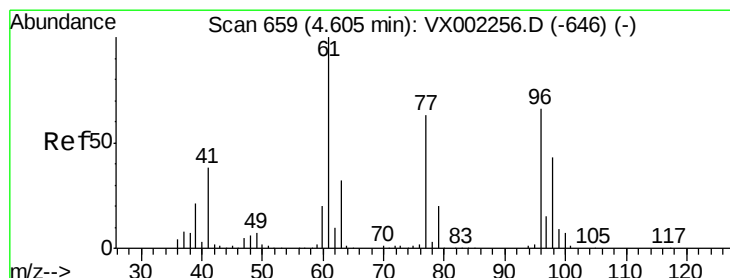
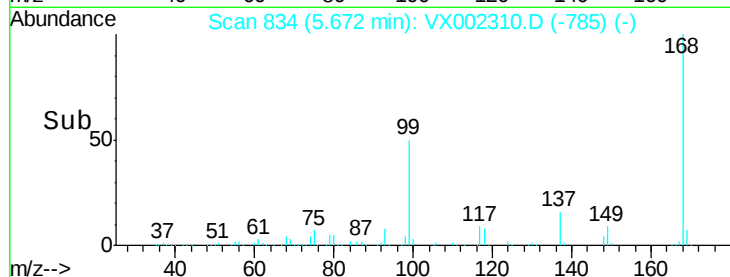
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.916 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

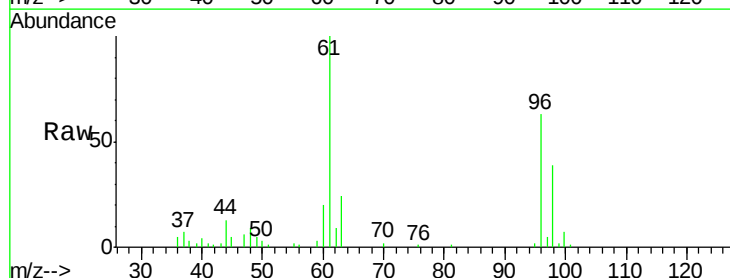
Tgt Ion: 96 Resp: 8567

Ion Ratio Lower Upper

96 100

61 185.1 0.0 330.2

98 64.2 0.0 130.2



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

4.60

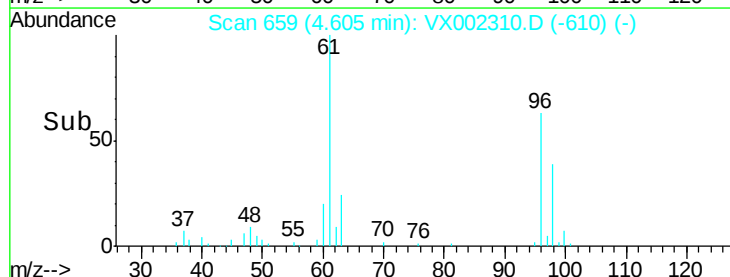
6000

4000

2000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 50.520 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

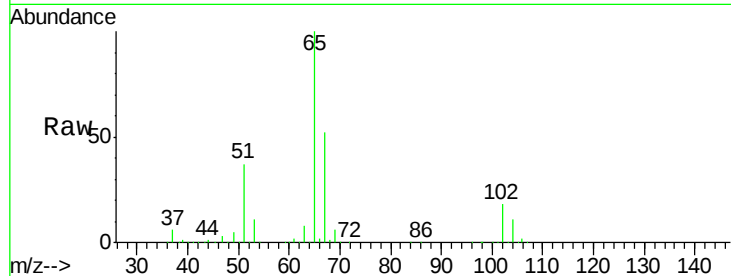
SS052MW098-180529

Tot Ion: 65 Resp: 166139

Ion Ratio Lower Upper

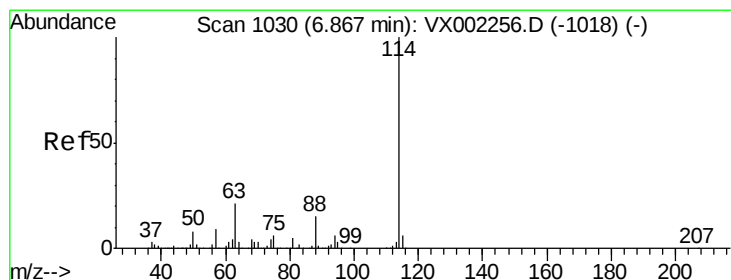
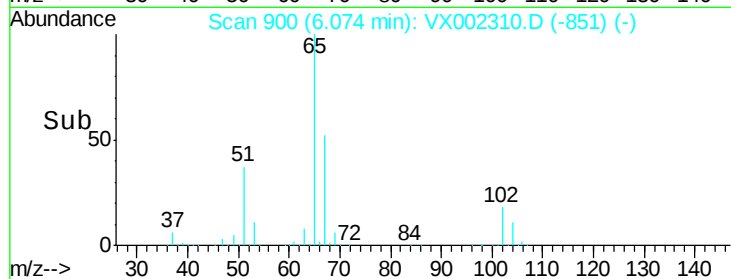
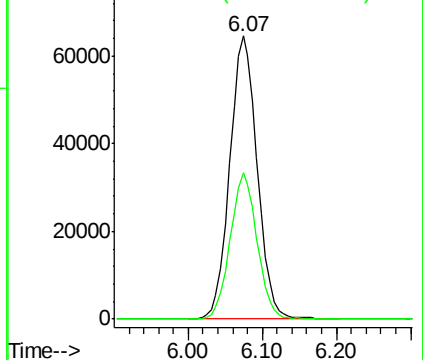
65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

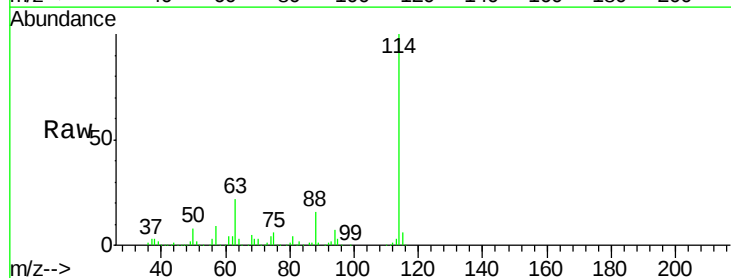
Tgt Ion: 114 Resp: 336928

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

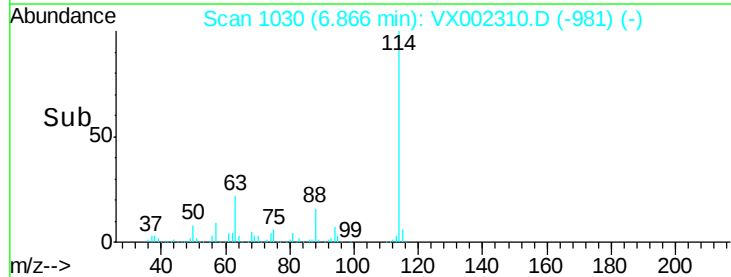
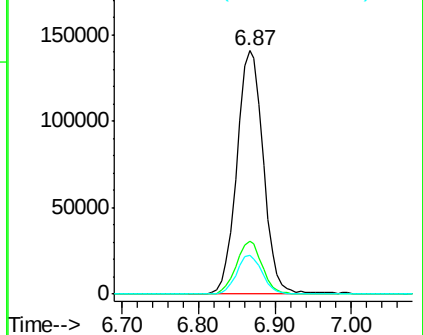
88 15.7 0.0 30.0

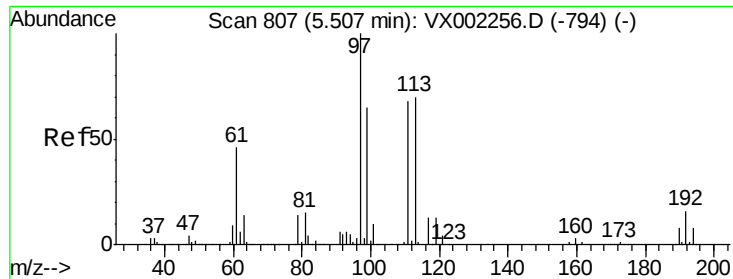


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

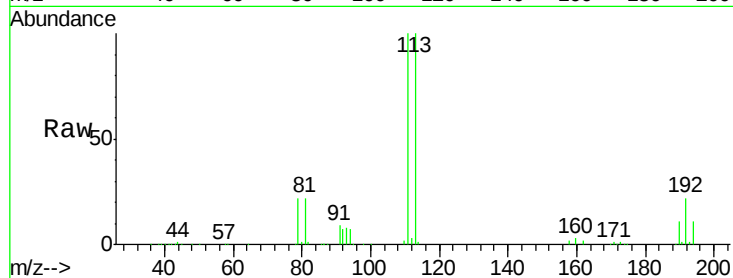




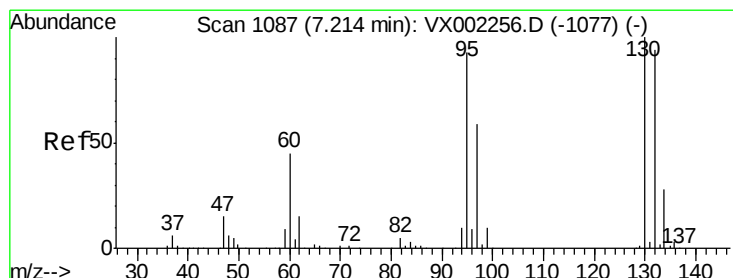
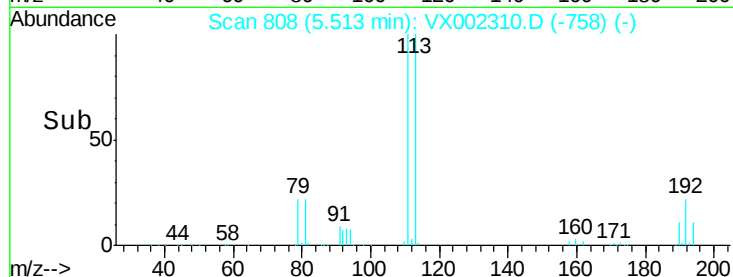
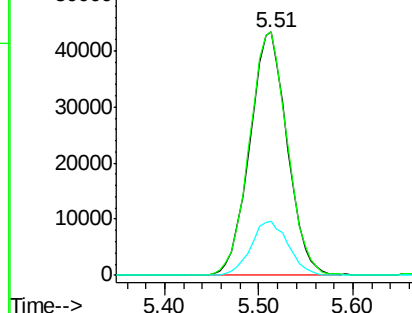
#35
Dibromofluoromethane
Concen: 45.649 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002310.D
Acq: 05 Jun 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-180529

Tot Ion:113 Resp: 120954
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 22.2 19.1 28.7

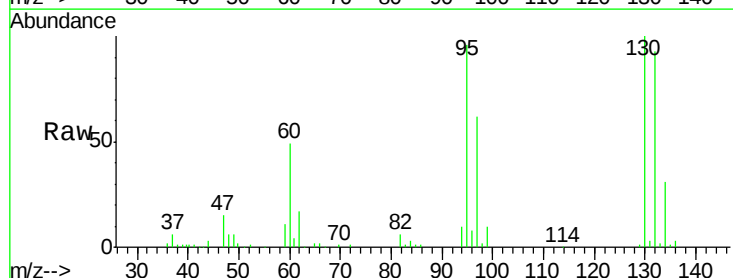


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

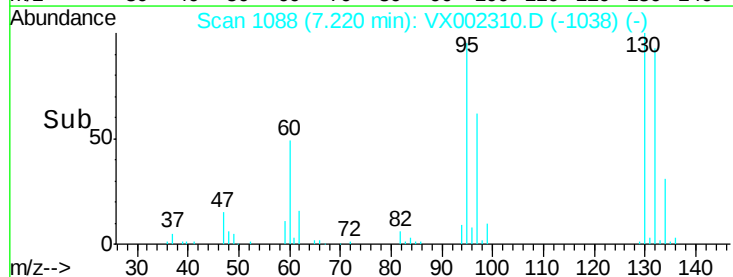
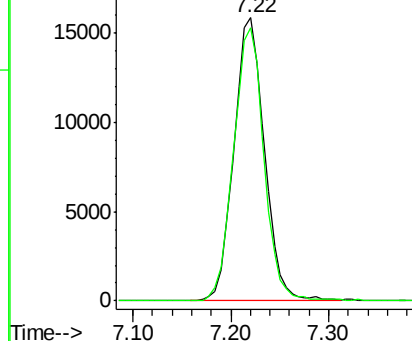


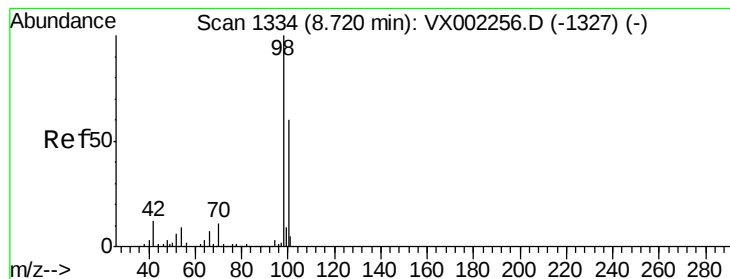
#44
Trichloroethene
Concen: 11.402 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002310.D
Acq: 05 Jun 2018 17:17

Tgt Ion:130 Resp: 34368
Ion Ratio Lower Upper
130 100
95 96.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 47.735 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

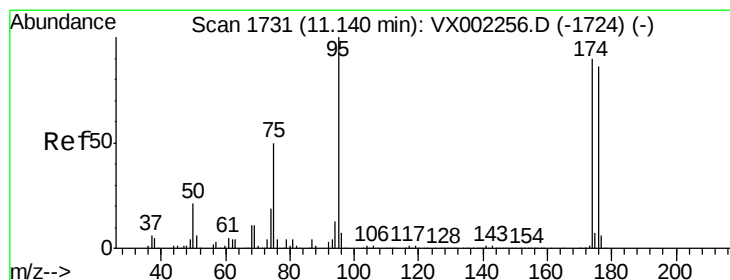
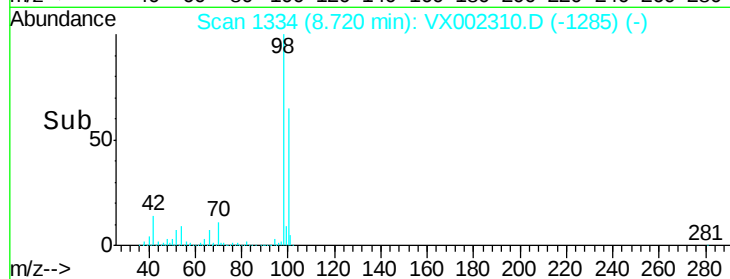
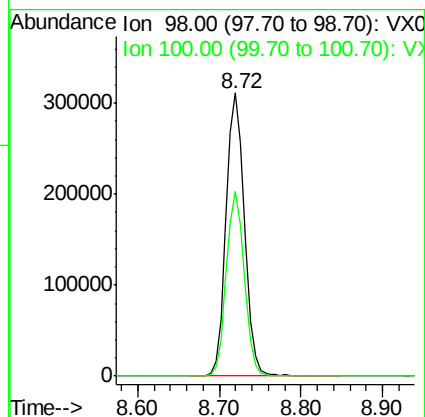
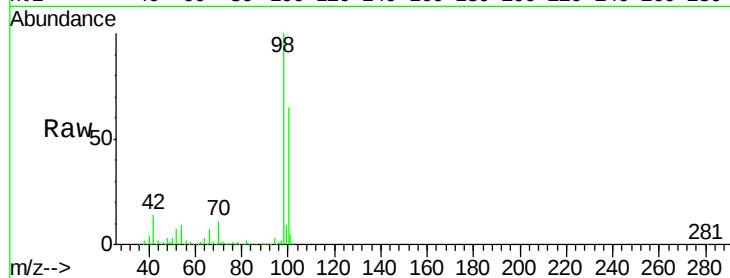
SS052MW098-180529

Tot Ion: 98 Resp: 484787

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 40.882 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

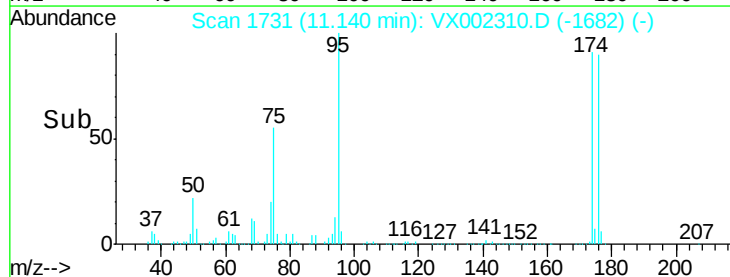
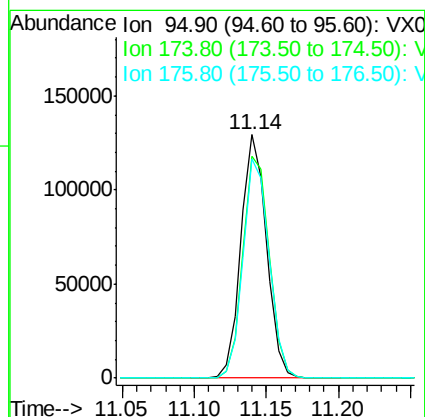
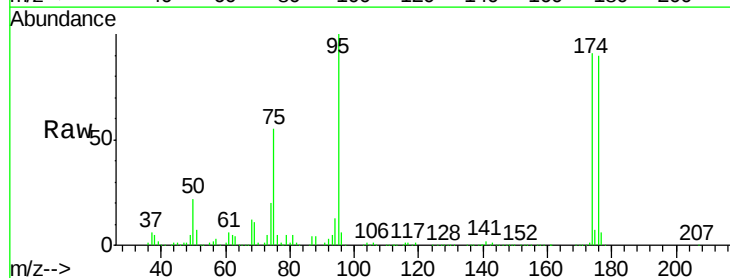
Tgt Ion: 95 Resp: 160105

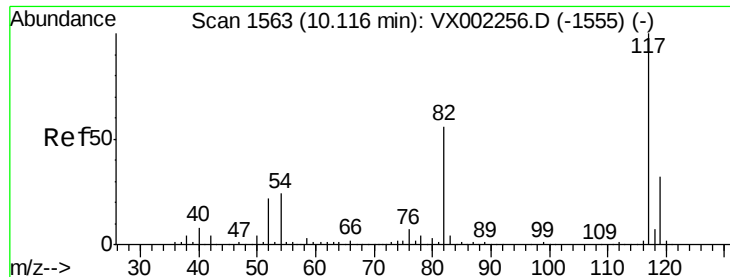
Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

176 91.7 0.0 181.0

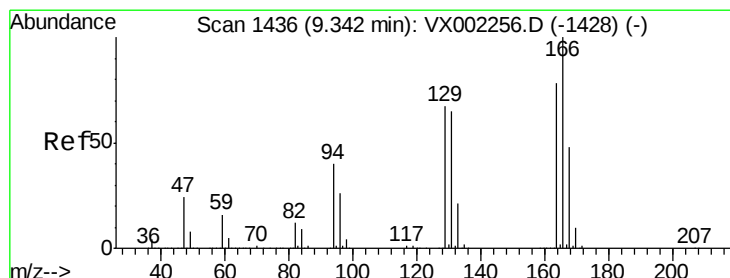
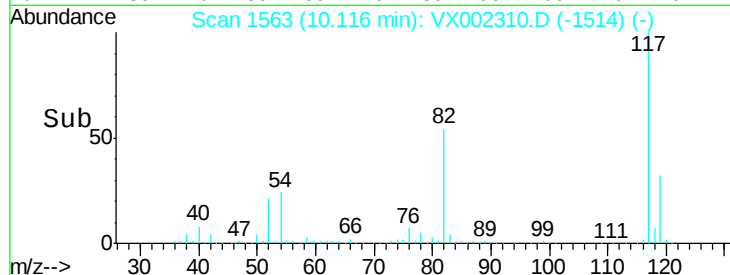
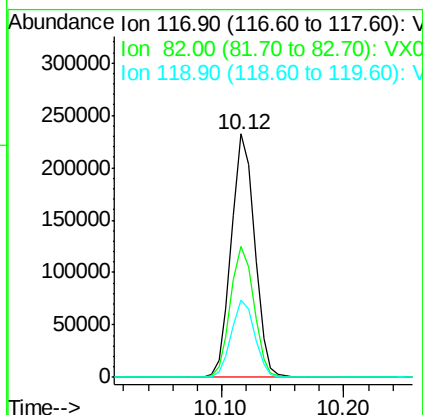
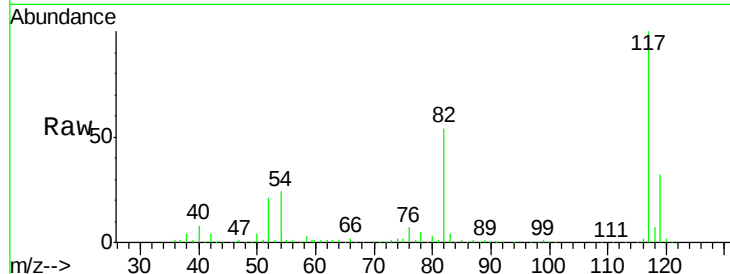




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002310.D
Acq: 05 Jun 2018 17:17

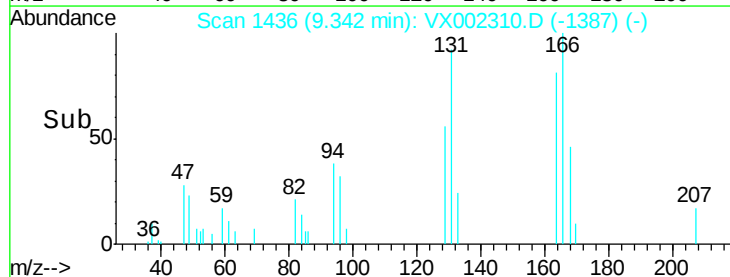
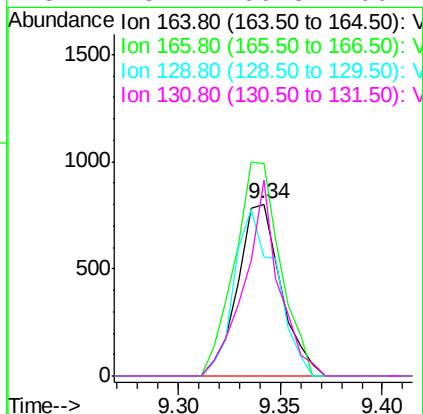
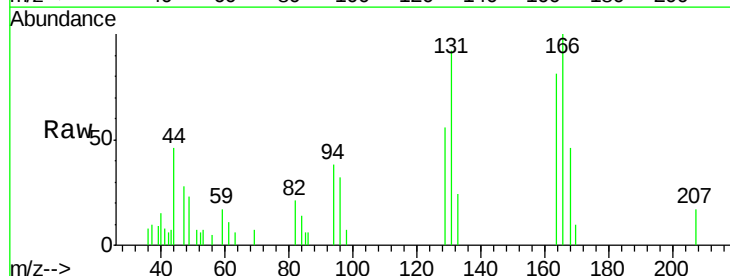
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-180529

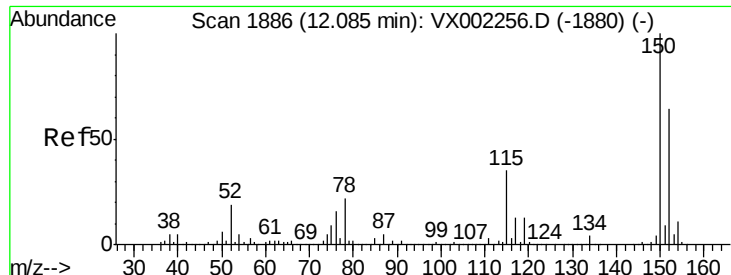
Tot Ion:117 Resp: 306586
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 0.375 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002310.D
Acq: 05 Jun 2018 17:17

Tgt Ion:164 Resp: 1185
Ion Ratio Lower Upper
164 100
166 123.7 102.9 154.3
129 68.9 68.6 102.8
131 113.7 66.8 100.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002310.D

Acq: 05 Jun 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-180529

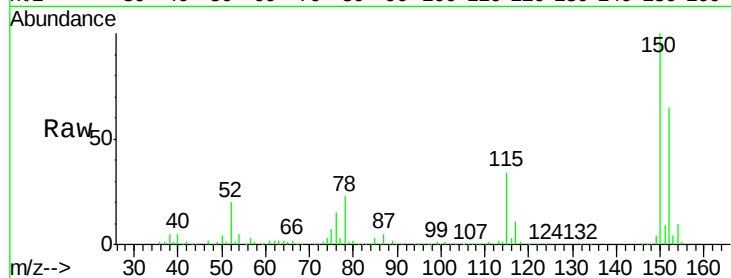
Tot Ion:152 Resp: 158960

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

150 154.7 0.0 347.2



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

