

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003994.D
 Acq On : 17 Jul 2018 19:13
 Operator : VA/AP
 Sample : J3997-03
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-S

Quant Time: Jul 18 13:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

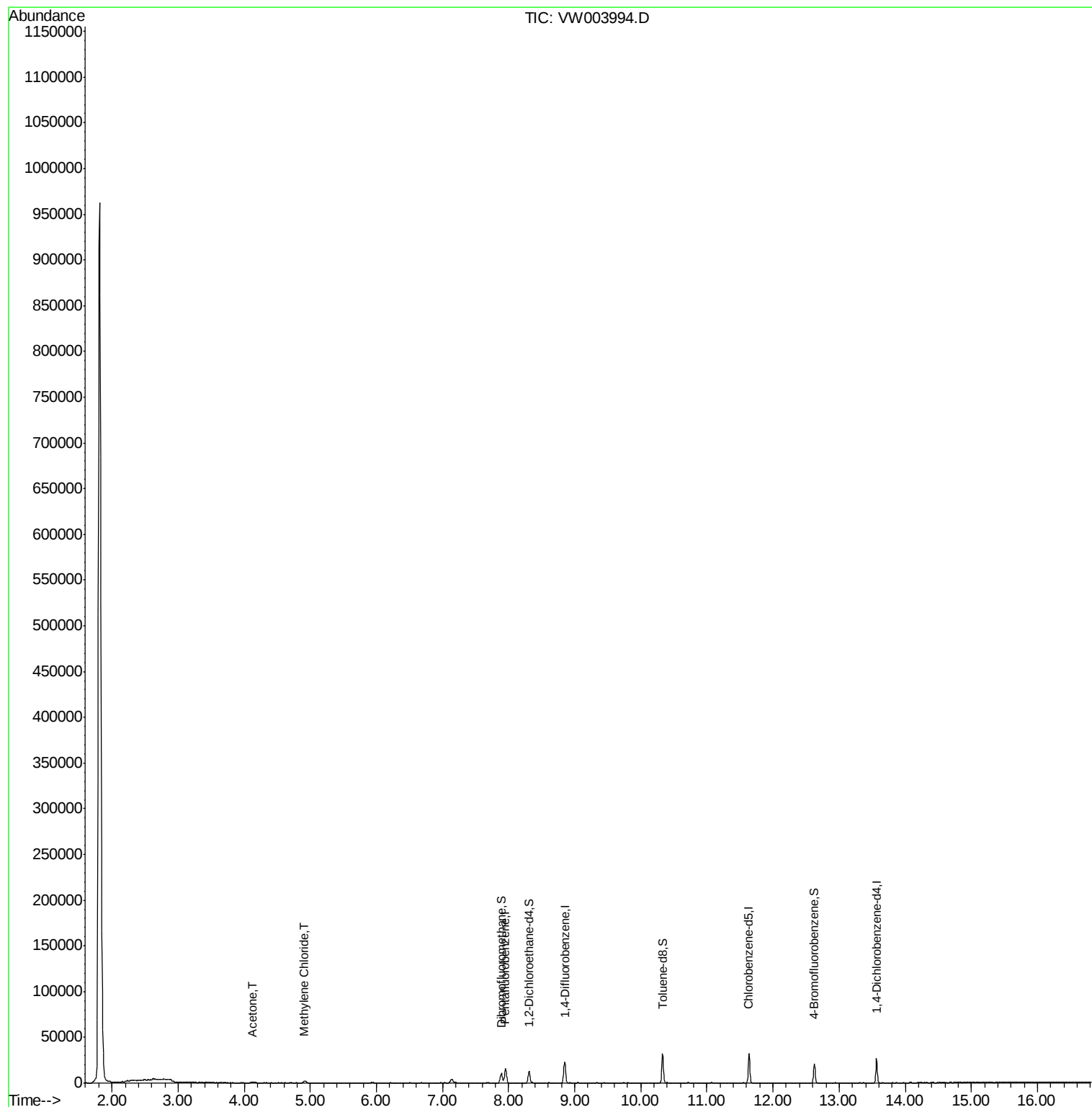
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	17810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9870	78.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.30%	
35) Dibromofluoromethane	7.89	113	7921	69.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.64%	
50) Toluene-d8	10.33	98	20616	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
62) 4-Bromofluorobenzene	12.62	95	6447	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
Target Compounds						
16) Acetone	4.14	43	1852	61.02	ug/l #	80
20) Methylene Chloride	4.90	84	1410	3.16	ug/l #	75

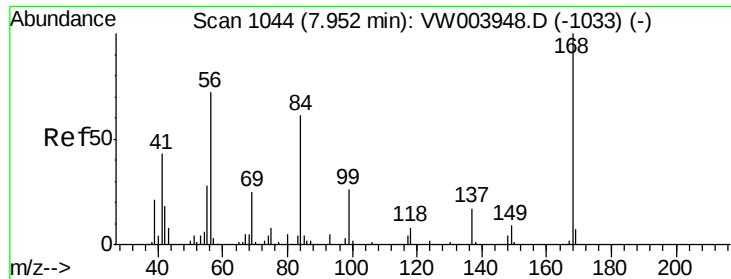
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

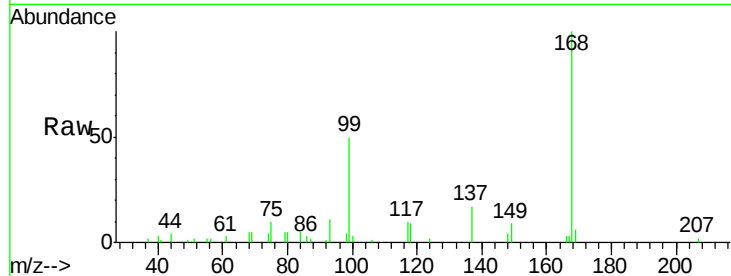
Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

Tot Ion:168 Resp: 11299

Ion Ratio Lower Upper

168 100

99 49.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

6000

5000

4000

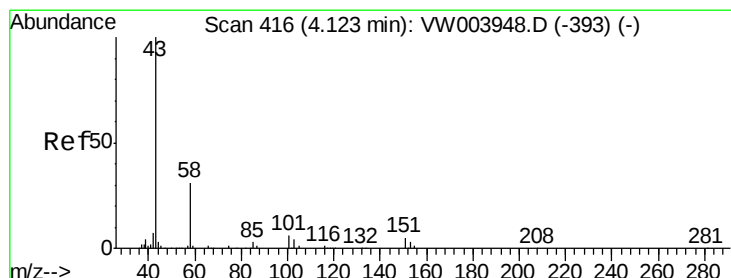
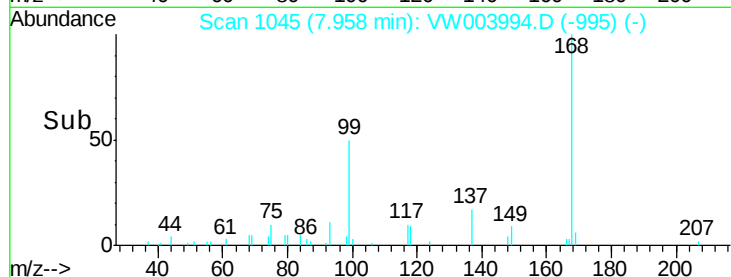
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00



#16

Acetone

Concen: 61.02 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW003994.D

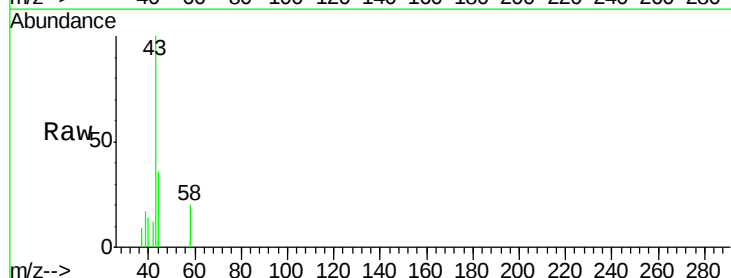
Acq: 17 Jul 2018 19:13

Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

43 100

58 19.6 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

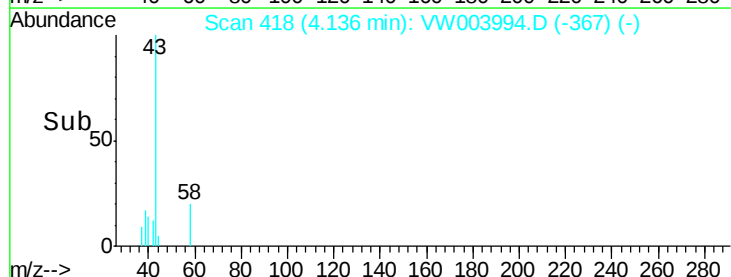
600

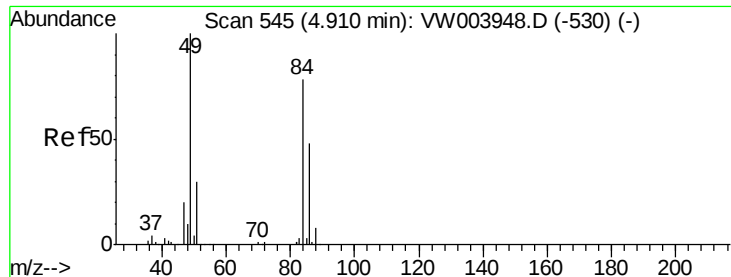
400

200

0

Time--> 4.00 4.10 4.20

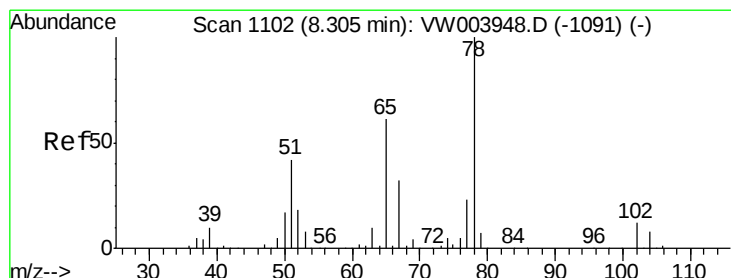
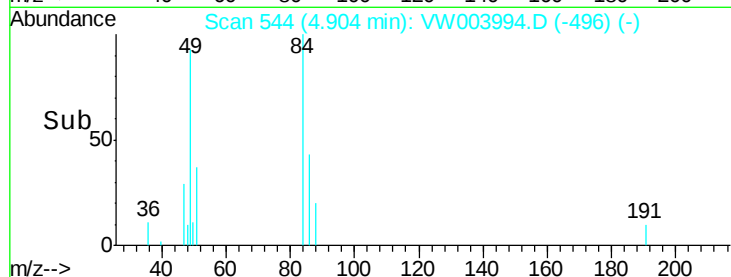
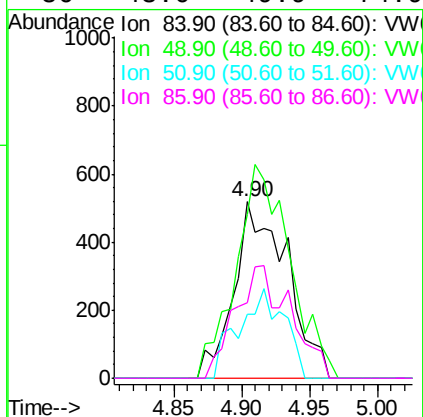
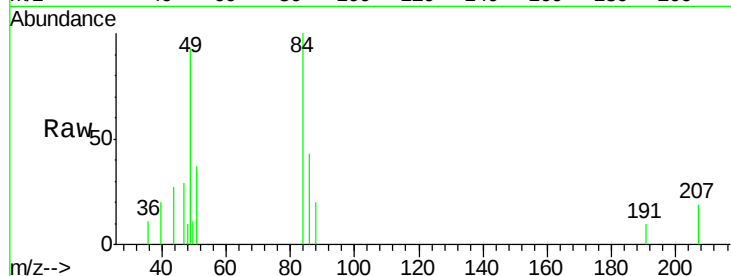




#20
Methvlene Chloride
Concen: 3.16 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

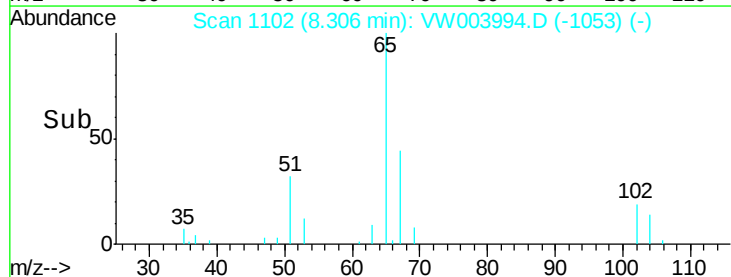
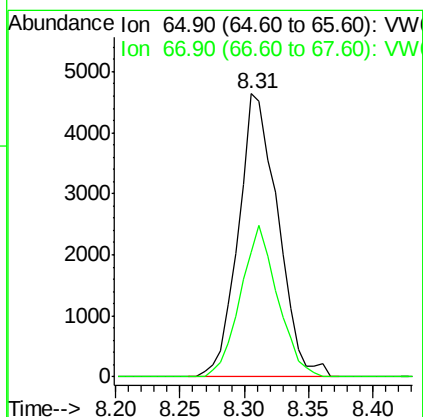
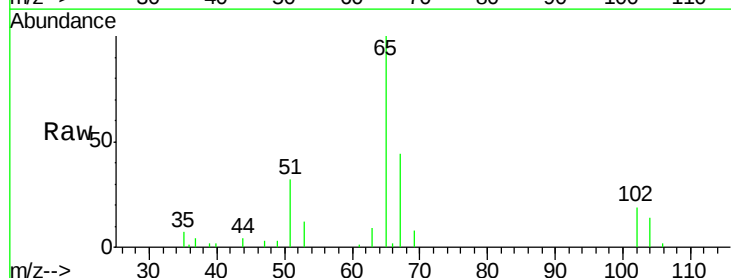
Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

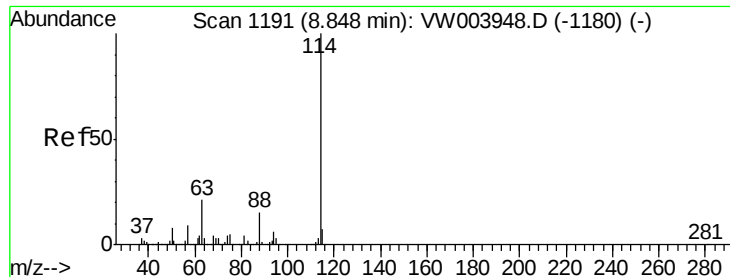
Tot Ion: 84 Resp: 1410
Ion Ratio Lower Upper
84 100
49 93.1 102.9 154.3#
51 36.6 30.9 46.3
86 43.0 49.9 74.9#



#33
1,2-Dichloroethane-d4
Concen: 78.15 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

Tgt Ion: 65 Resp: 9870
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.0

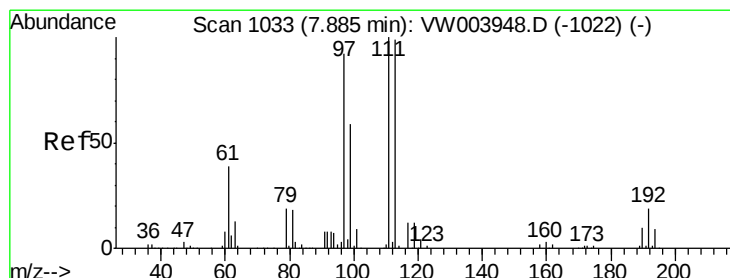
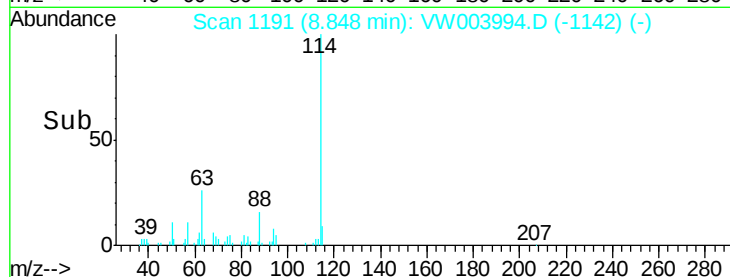
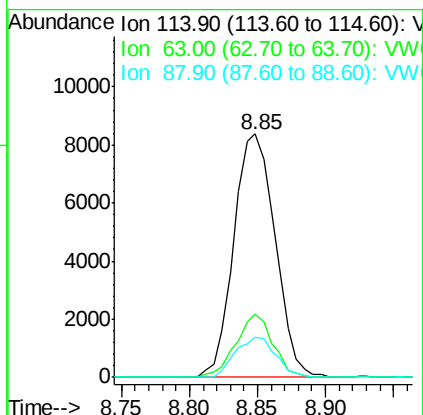
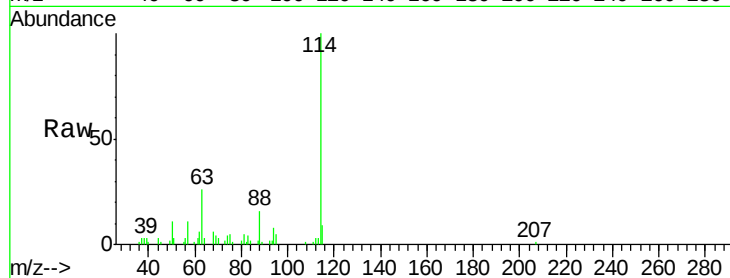




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

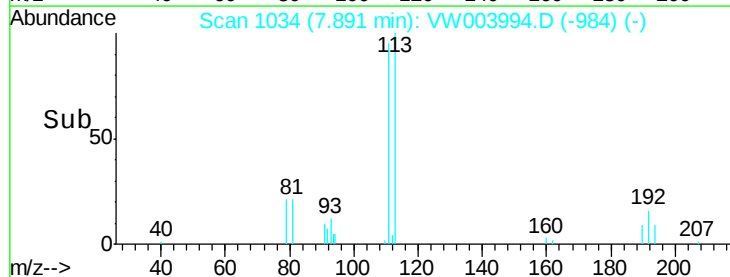
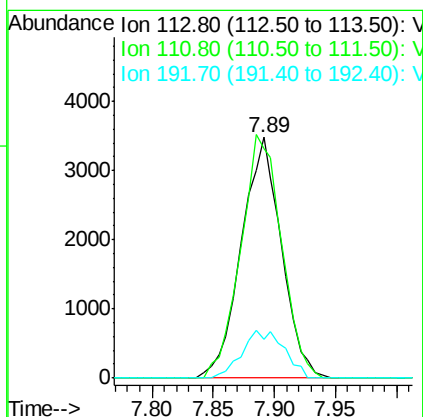
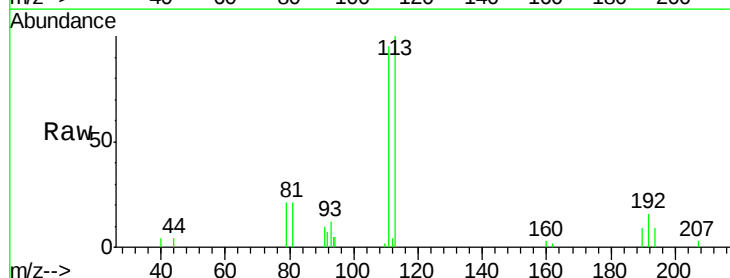
Instrument :
 MSVOA_W
 ClientSampled :
 TP-F-S

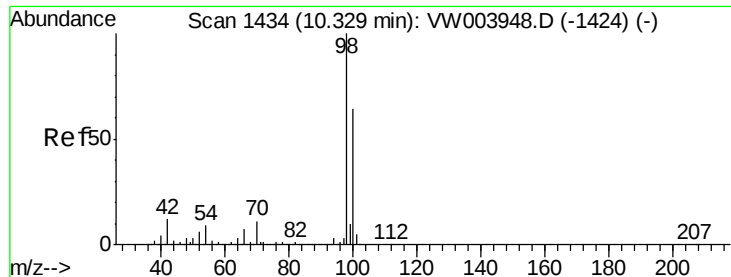
Tot Ion:114 Resp: 17810
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 42.8
 88 16.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 69.32 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

Tgt Ion:113 Resp: 7921
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 20.7 15.8 23.6





#50

Toluene-d8

Concen: 46.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

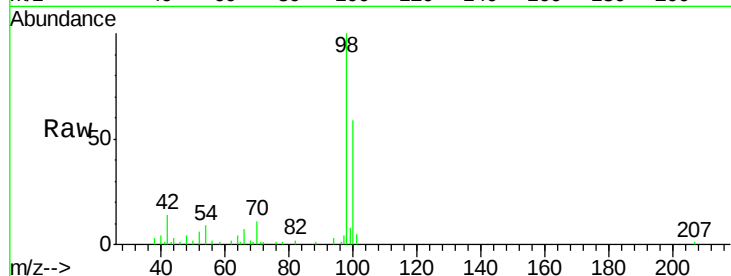
TP-F-S

Tot Ion: 98 Resp: 20616

Ion Ratio Lower Upper

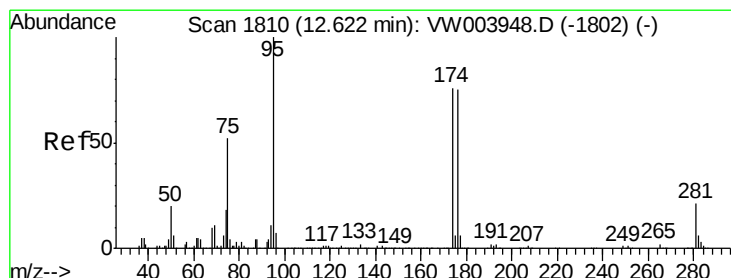
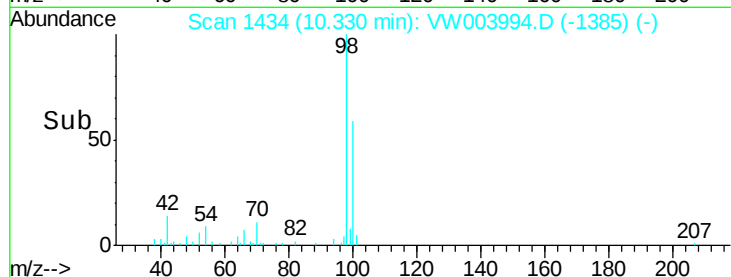
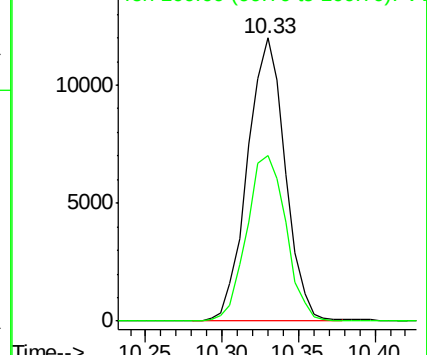
98 100

100 61.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.32 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

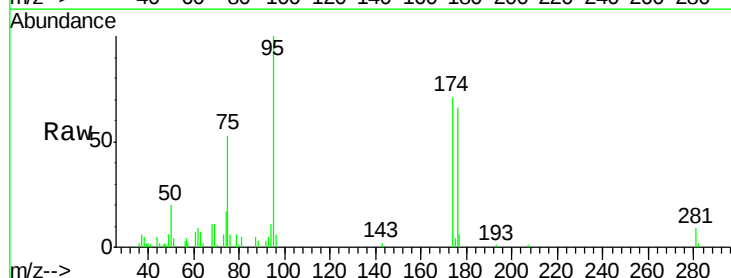
Tgt Ion: 95 Resp: 6447

Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.2

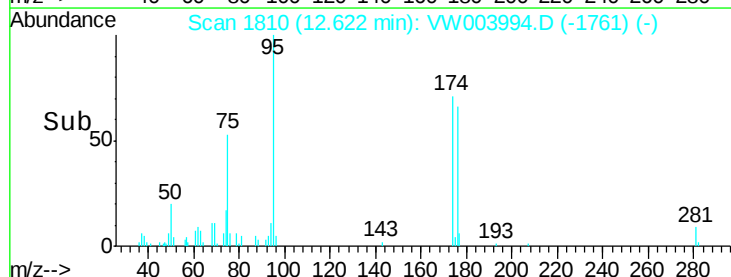
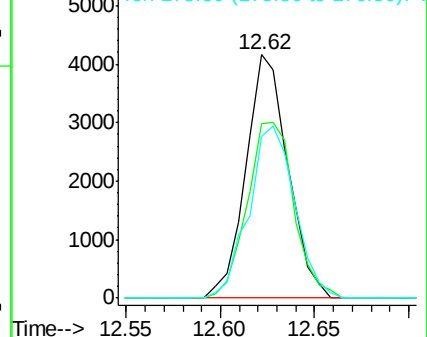
176 77.0 0.0 155.8

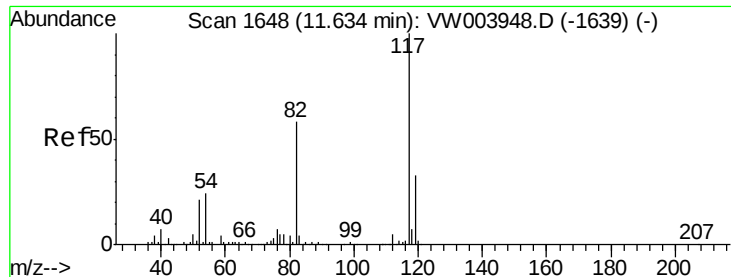


Abundance Ion 94.90 (94.60 to 95.60): VW

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: 11.64 min Scan# 1649

Delta R.T. 0.01 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

TP-F-S

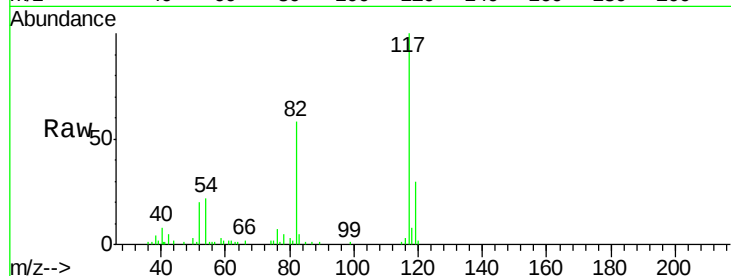
Tot Ion:117 Resp: 17544

Ion Ratio Lower Upper

117 100

82 57.8 46.5 69.7

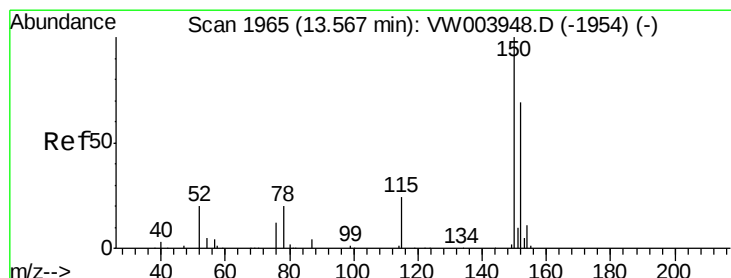
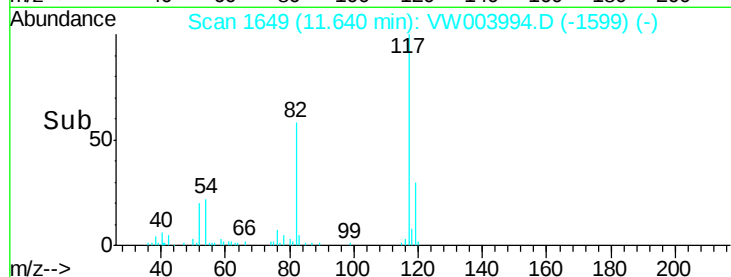
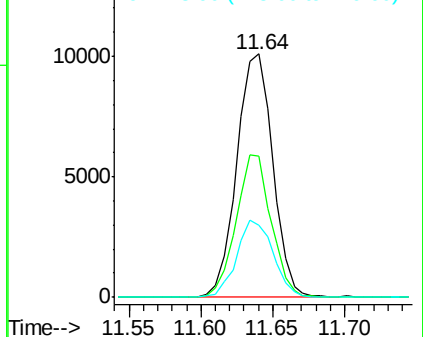
119 29.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

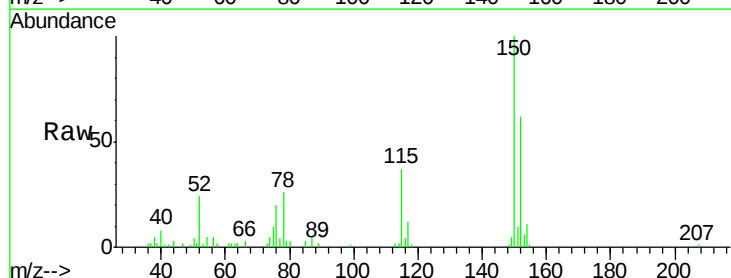
Tgt Ion:152 Resp: 6768

Ion Ratio Lower Upper

152 100

115 58.4 29.2 87.6

150 155.4 0.0 345.2



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

