

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004021.D
 Acq On : 18 Jul 2018 09:03
 Operator : VA/AP
 Sample : J3997-07RE
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-DRE

Quant Time: Jul 18 11:06:54 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

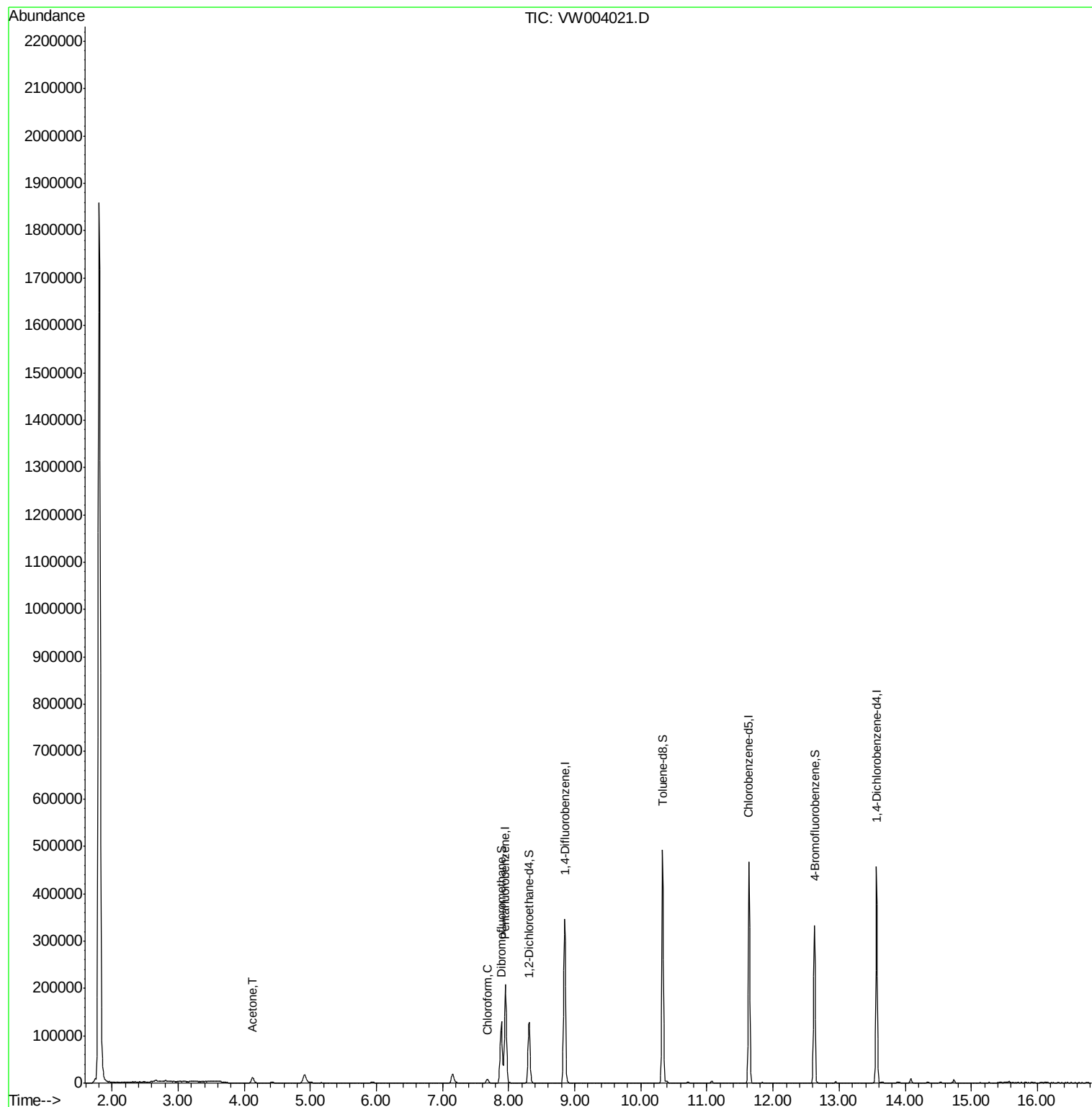
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	272318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	253009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104181	63.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.76%	
35) Dibromofluoromethane	7.88	113	91947	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.33	98	308023	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.63	95	100396	41.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
16) Acetone	4.13	43	20380	51.60	ug/l	Qvalue 94
30) Chloroform	7.68	83	7620	2.63	ug/l	91

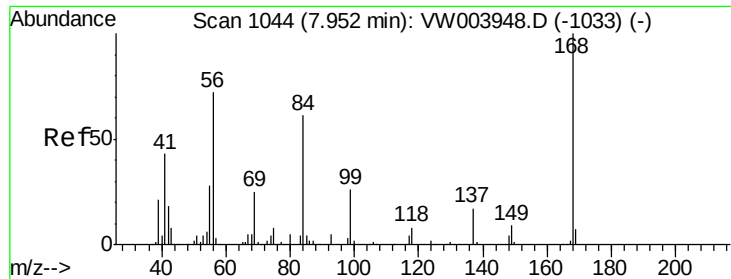
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

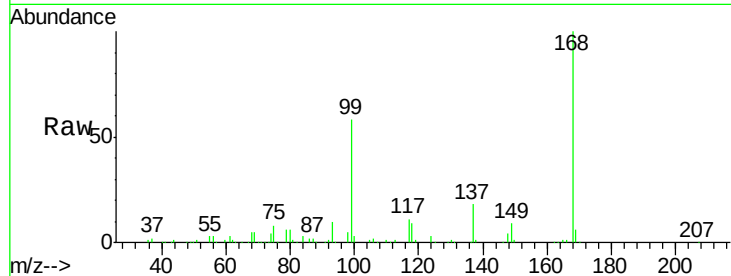
TP-F-DRE

Tot Ion:168 Resp: 147050

Ion Ratio Lower Upper

168 100

99 58.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

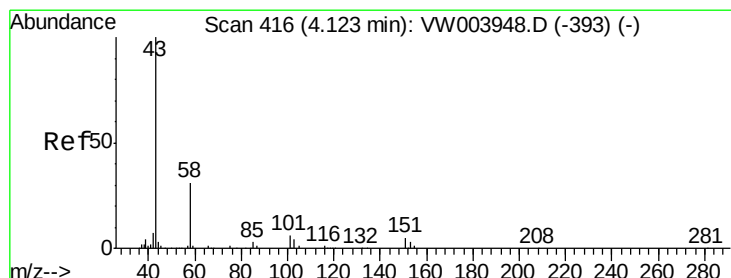
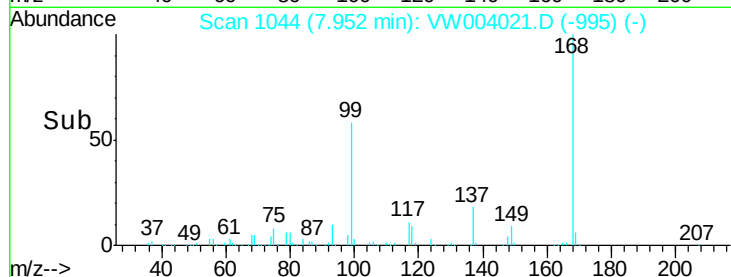
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 51.60 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004021.D

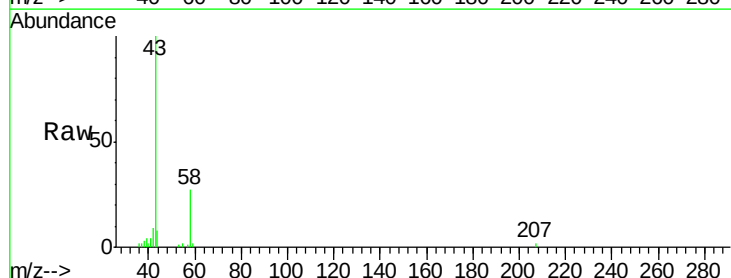
Acq: 18 Jul 2018 09:03

Tgt Ion: 43 Resp: 20380

Ion Ratio Lower Upper

43 100

58 27.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

6000

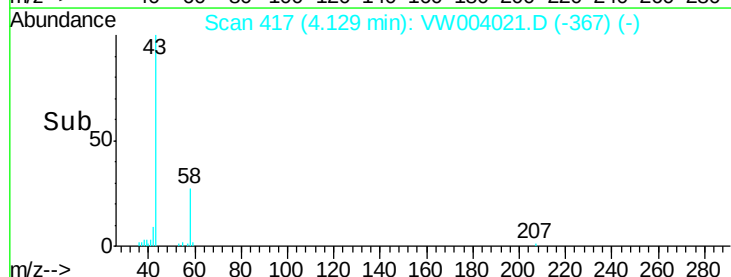
4000

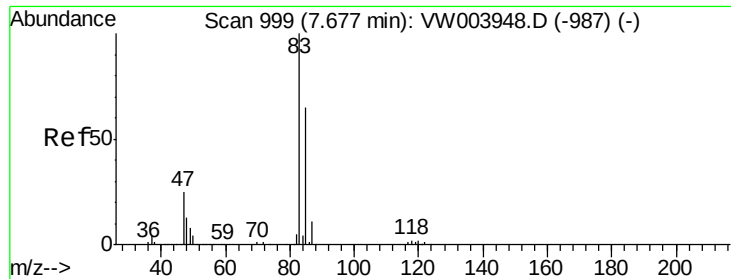
2000

0

4.00 4.10 4.20

Time-->

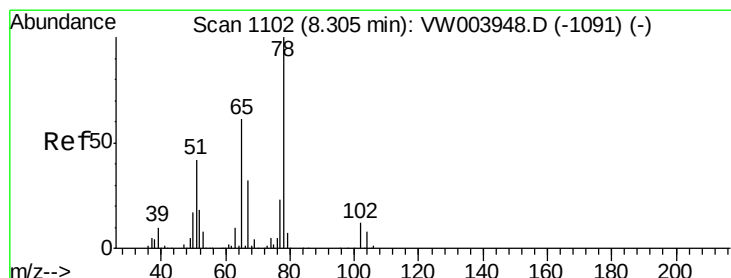
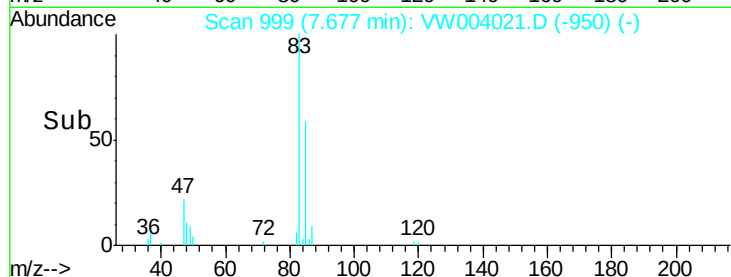
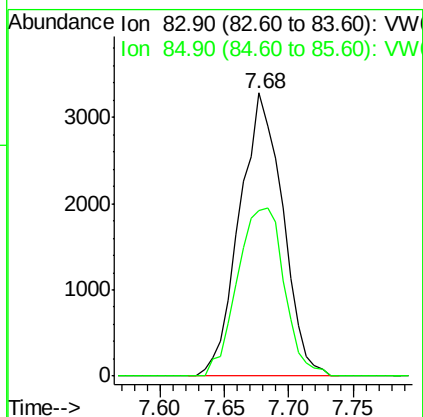
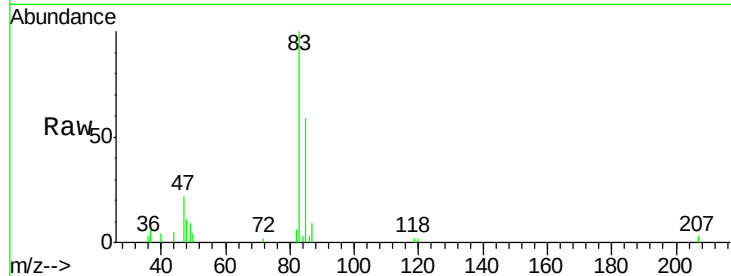




#30
Chloroform
Concen: 2.63 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

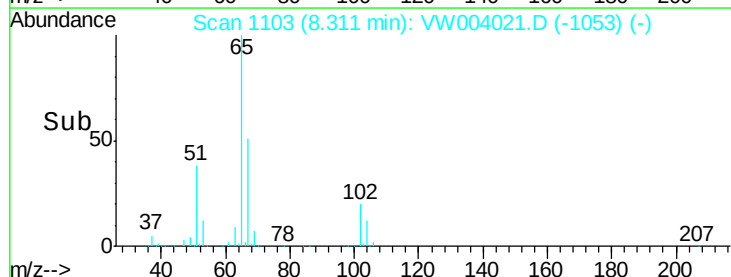
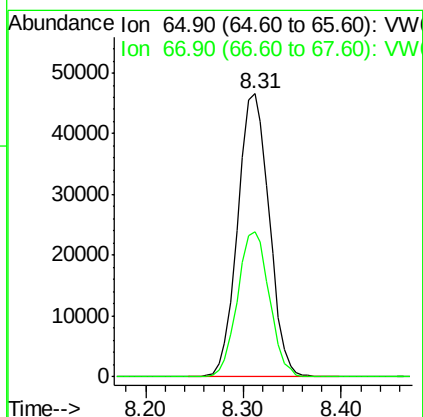
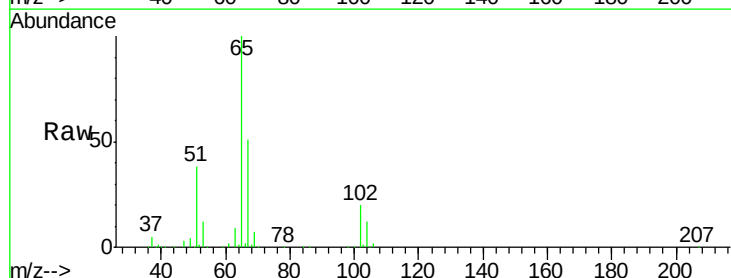
Instrument :
MSVOA_W
ClientSampleId :
TP-F-DRE

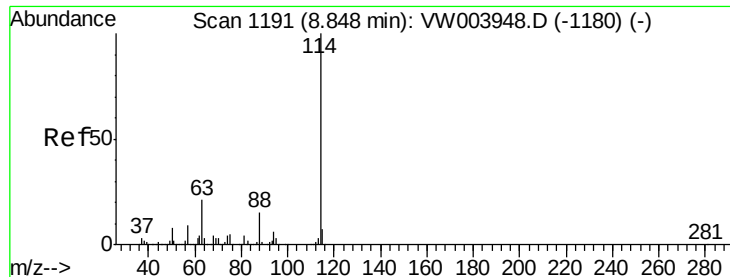
Tot Ion: 83 Resp: 7620
Ion Ratio Lower Upper
83 100
85 58.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 63.38 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

Tgt Ion: 65 Resp: 104181
Ion Ratio Lower Upper
65 100
67 51.7 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: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

TP-F-DRE

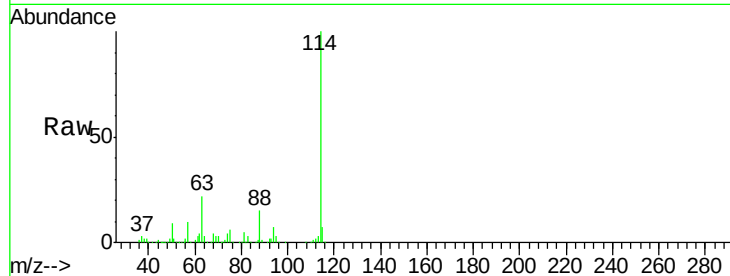
Tot Ion:114 Resp: 272318

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

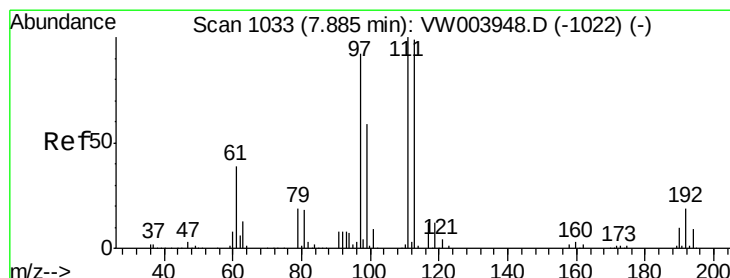
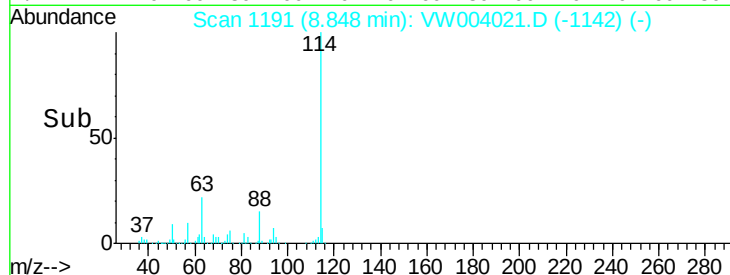
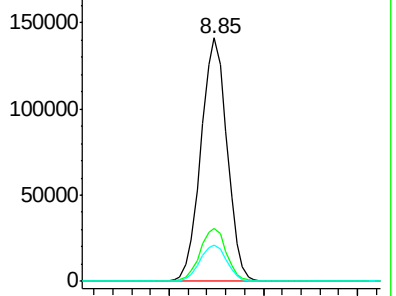
88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.62 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

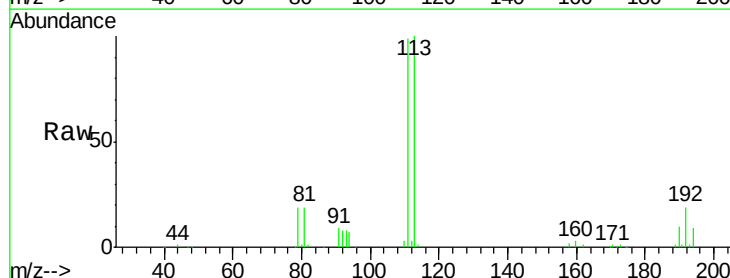
Tgt Ion:113 Resp: 91947

Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

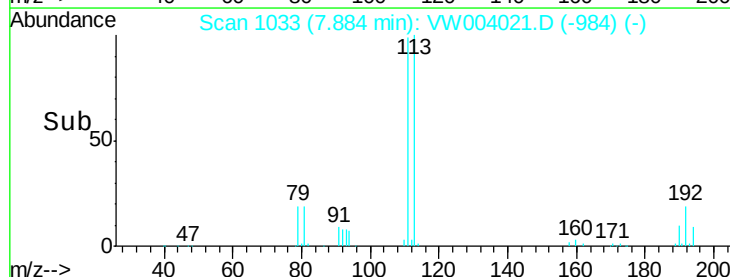
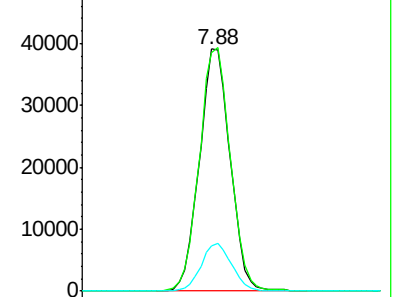
192 19.3 15.8 23.6

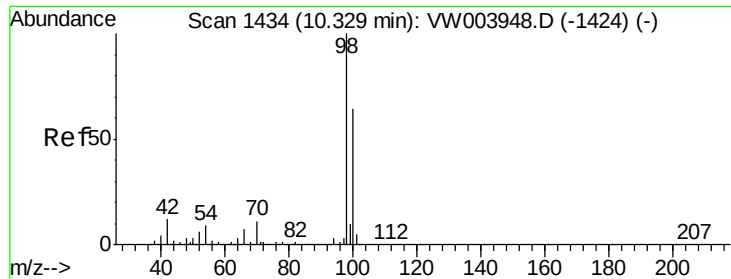


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.43 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

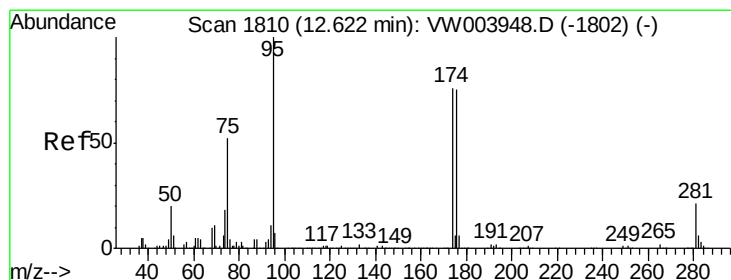
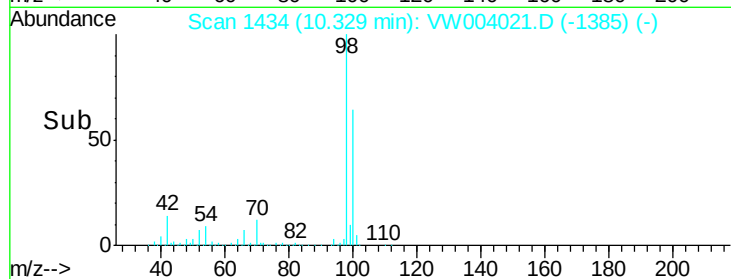
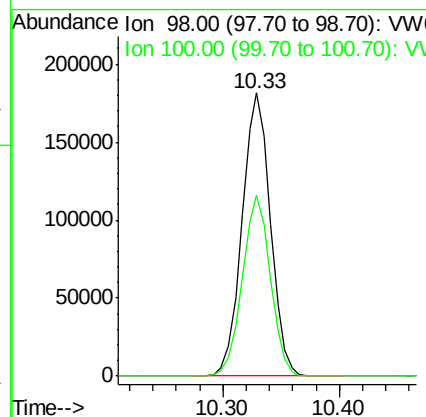
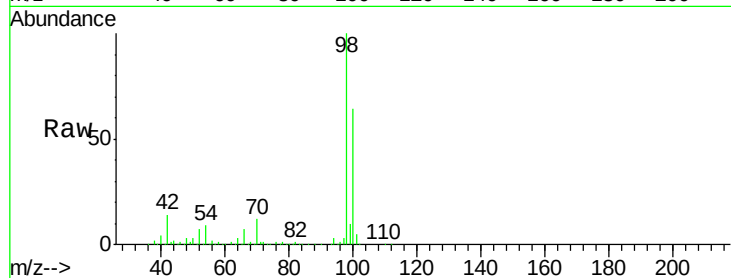
TP-F-DRE

Tot Ion: 98 Resp: 308023

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.07 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

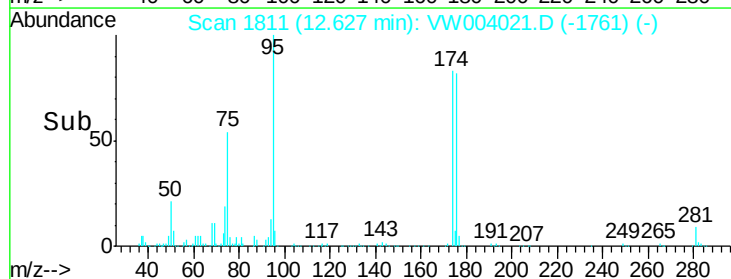
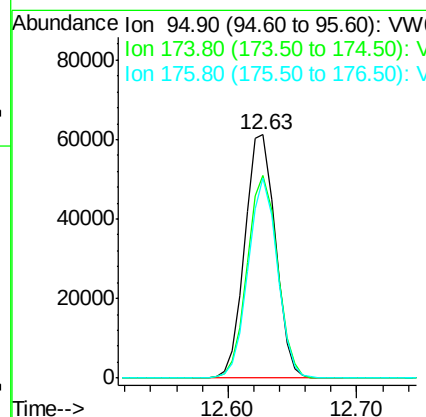
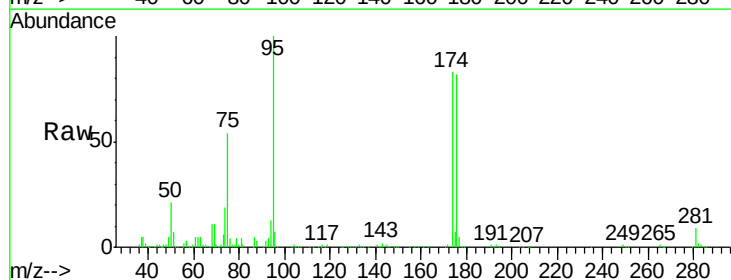
Tgt Ion: 95 Resp: 100396

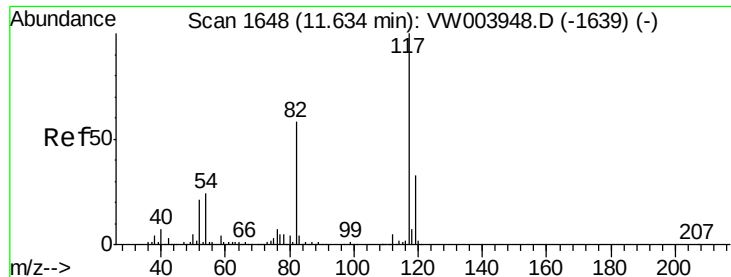
Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

176 78.0 0.0 155.8

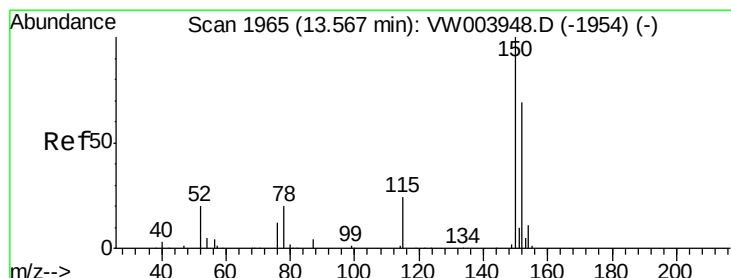
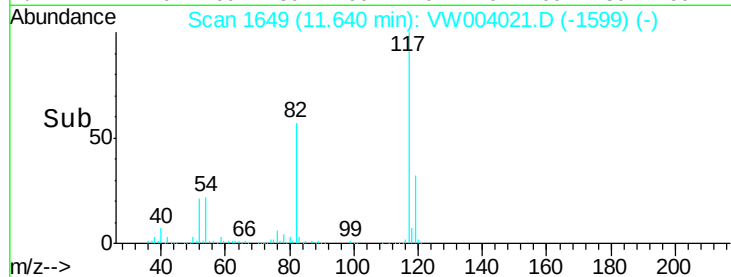
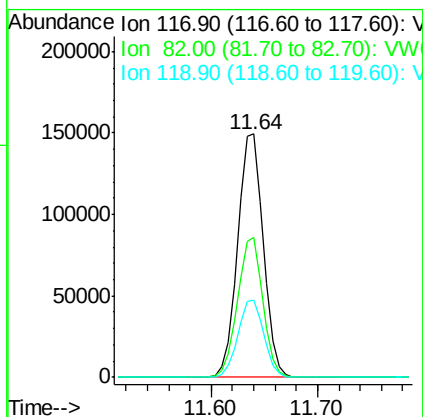
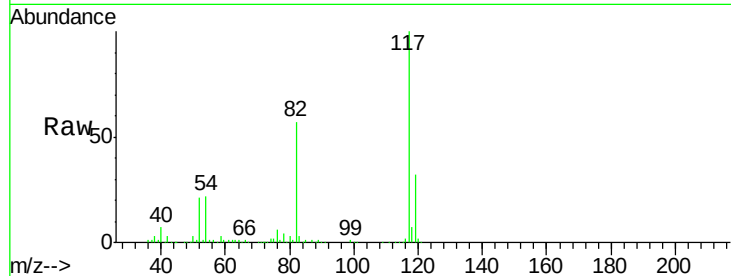




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

Instrument :
MSVOA_W
ClientSampleId :
TP-F-DRE

Tot Ion:117 Resp: 253009
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

Tgt Ion:152 Resp: 112175
Ion Ratio Lower Upper
152 100
115 59.0 29.2 87.6
150 156.3 0.0 345.2

