

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008804.D
 Acq On : 25 Feb 2019 14:04
 Operator : SY/VA
 Sample : K1595-03
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 26 04:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

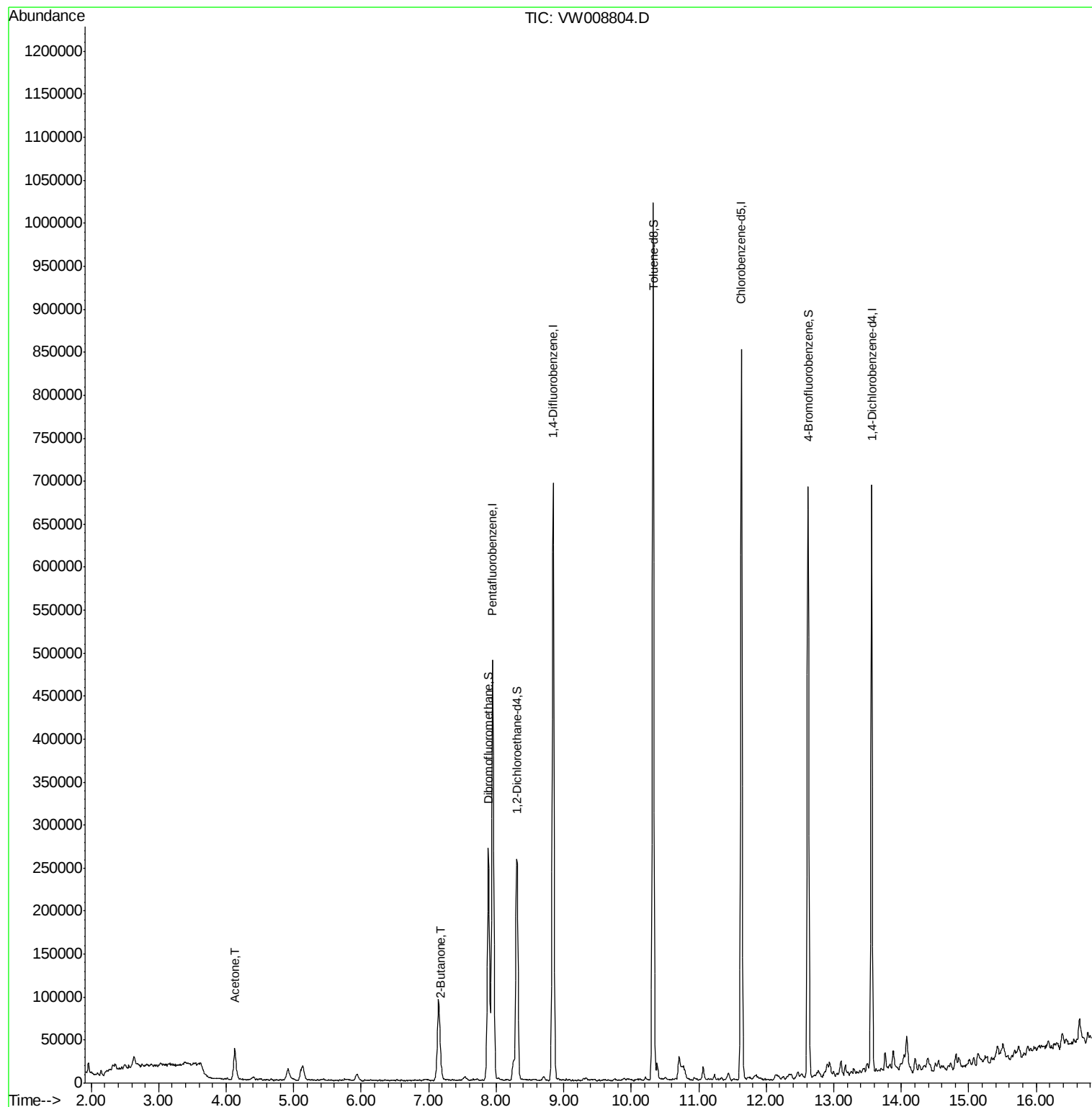
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	369319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	569430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	463489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	199292	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	180226	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.32	98	654252	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	197433	38.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.42%	
Target Compounds						
16) Acetone	4.13	43	60300	75.103	ug/l	98
25) 2-Butanone	7.18	43	13064	11.638	ug/l	94

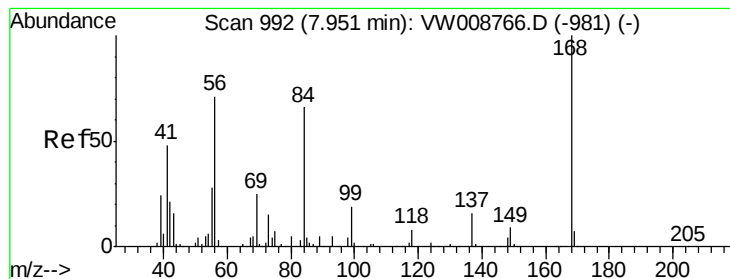
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

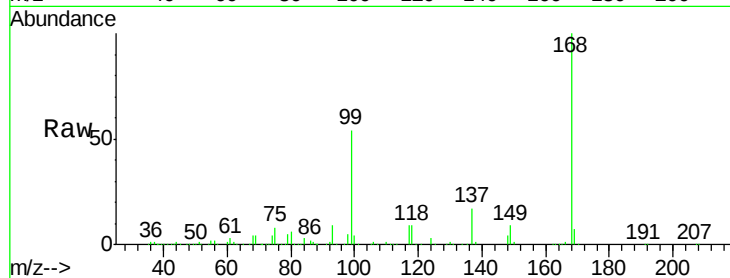
TP-CBF-B11

Tot Ion:168 Resp: 369319

Ion Ratio Lower Upper

168 100

99 53.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

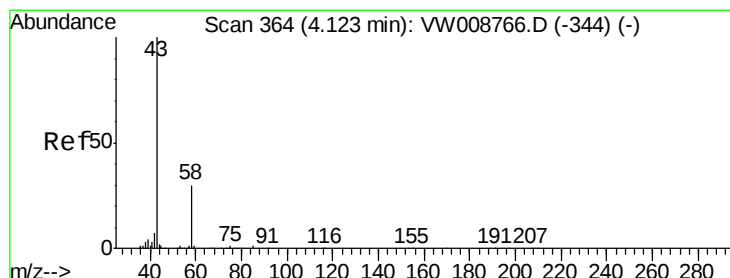
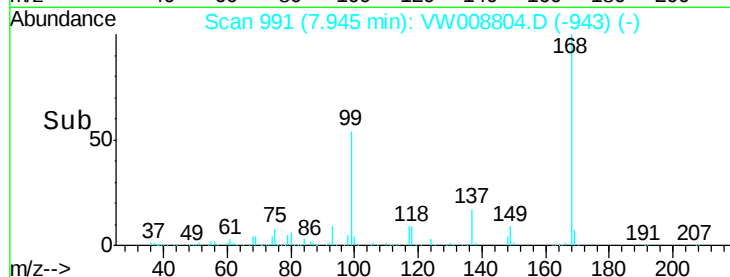
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 75.103 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008804.D

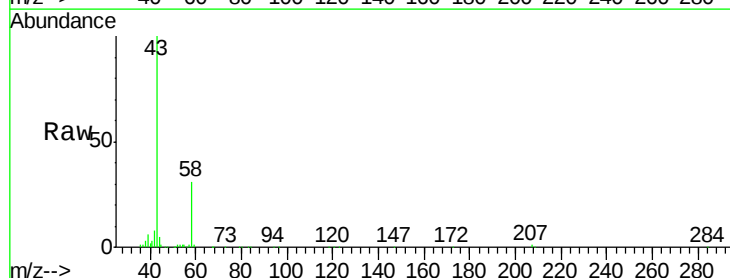
Acq: 25 Feb 2019 14:04

Tgt Ion: 43 Resp: 60300

Ion Ratio Lower Upper

43 100

58 30.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

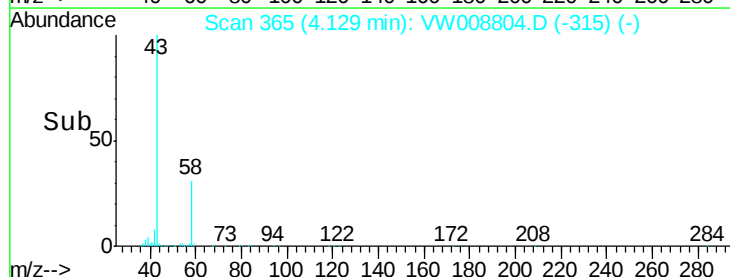
15000

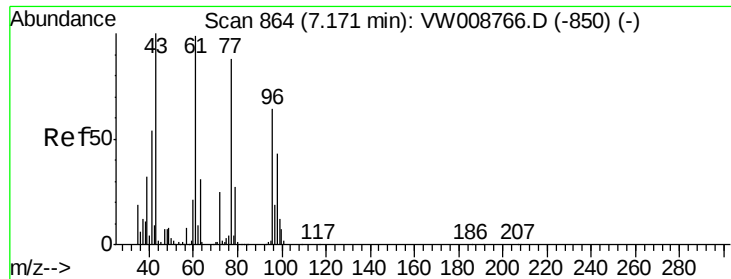
10000

5000

0

Time-->





#25

2-Butanone

Concen: 11.638 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

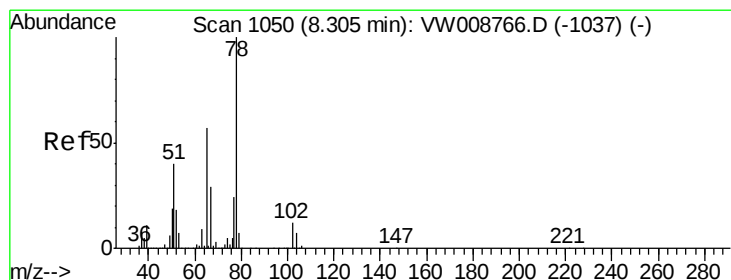
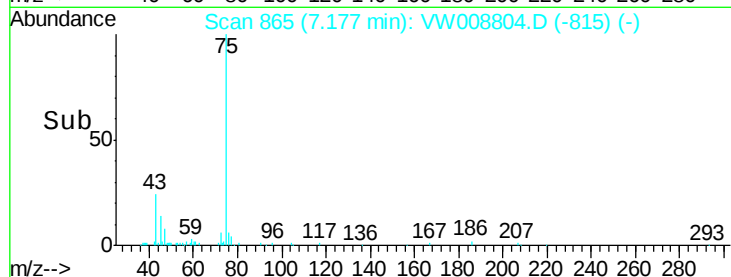
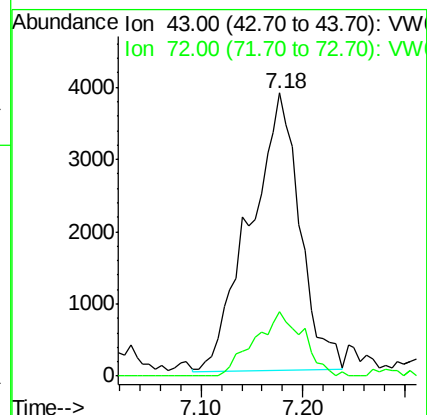
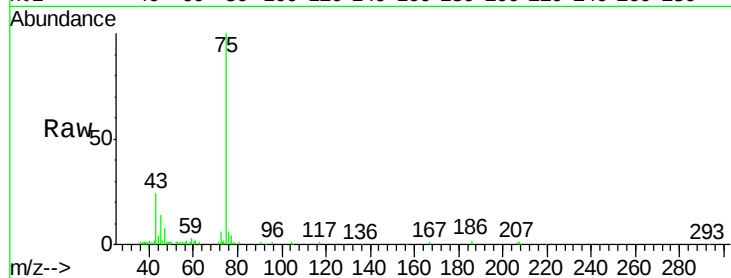
TP-CBF-B11

Tot Ion: 43 Resp: 13064

Ion Ratio Lower Upper

43 100

72 21.5 19.7 29.5



#33

1,2-Dichloroethane-d4

Concen: 57.534 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008804.D

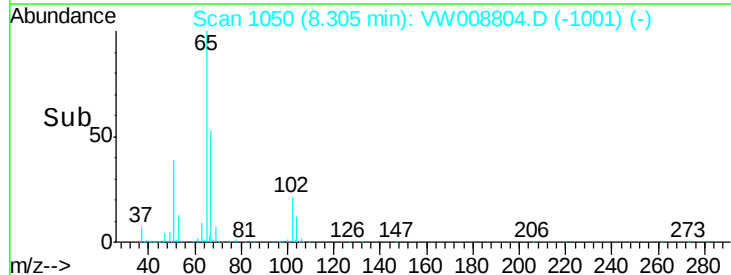
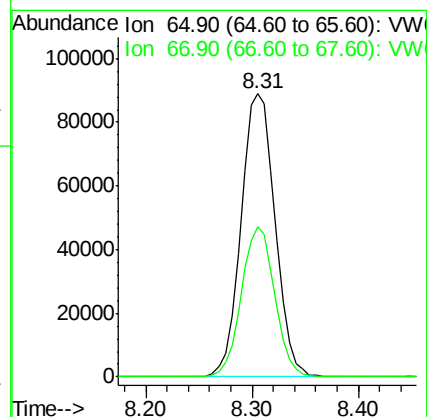
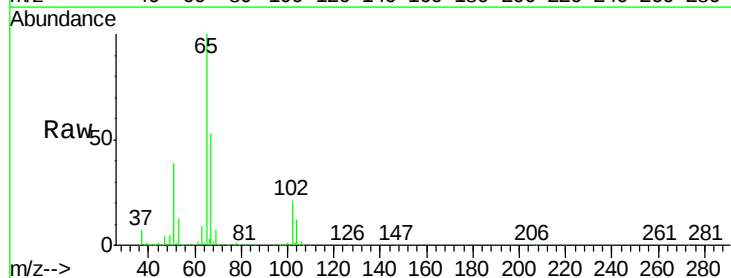
Acq: 25 Feb 2019 14:04

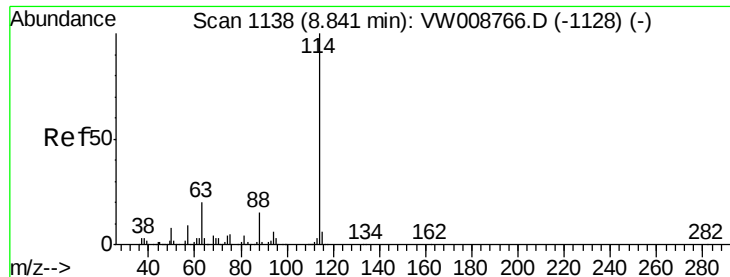
Tgt Ion: 65 Resp: 199292

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

TP-CBF-B11

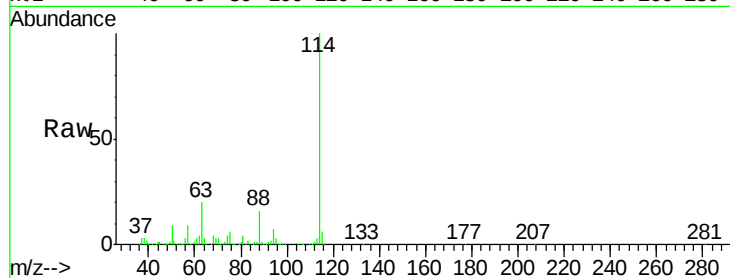
Tot Ion:114 Resp: 569430

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

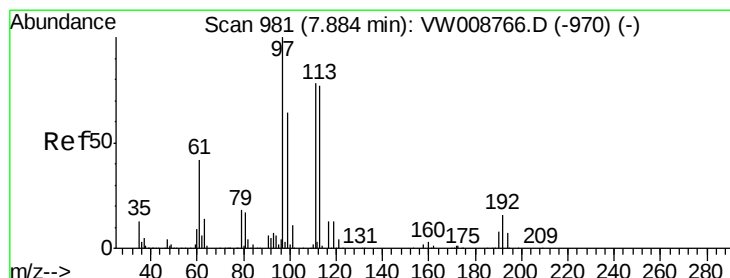
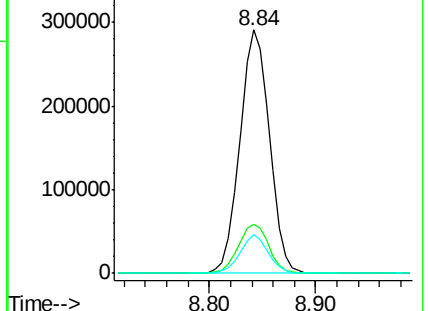
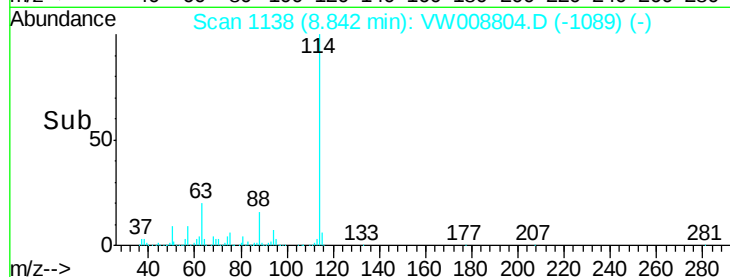
88 15.8 0.0 30.4



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: 52.714 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

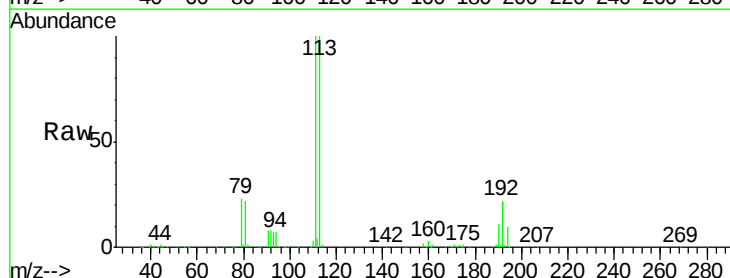
Tgt Ion:113 Resp: 180226

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

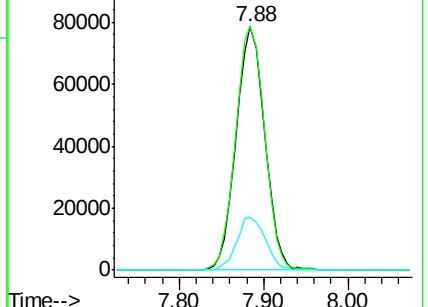
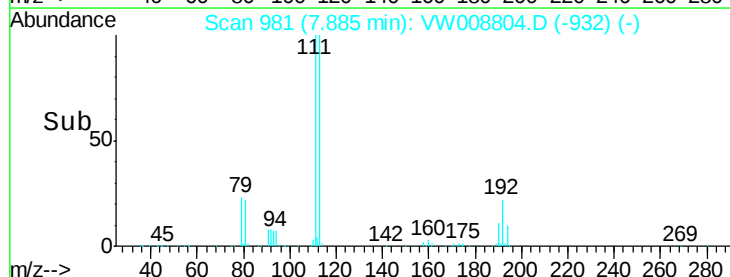
192 21.9 17.1 25.7

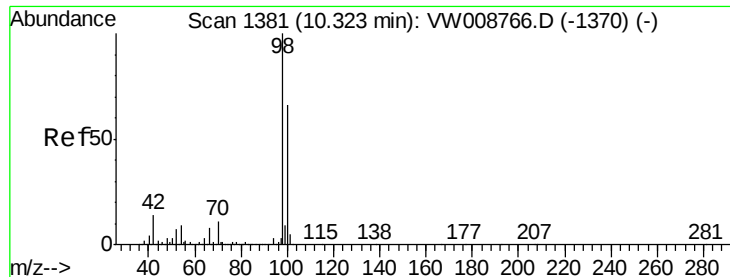


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.572 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

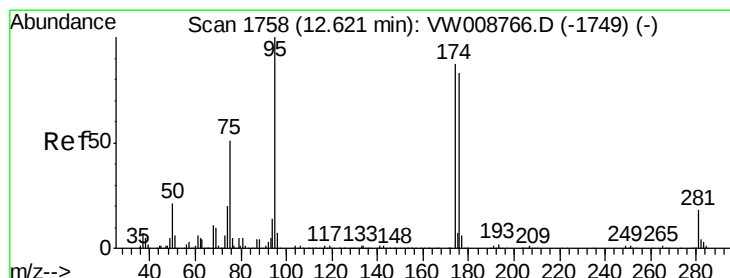
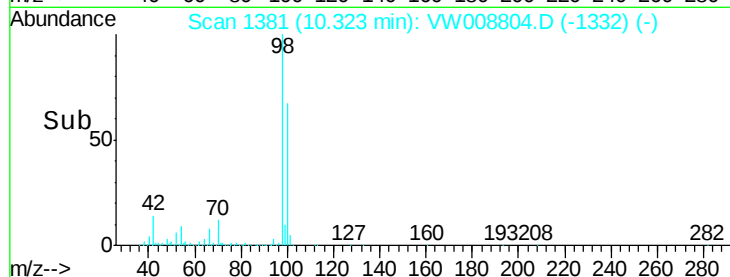
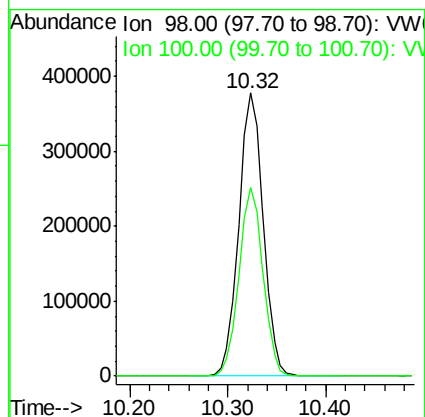
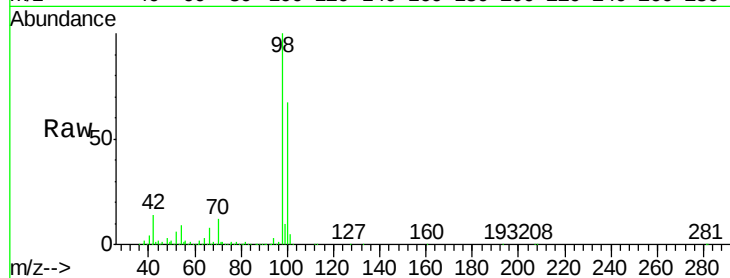
TP-CBF-B11

Tot Ion: 98 Resp: 654252

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 38.206 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

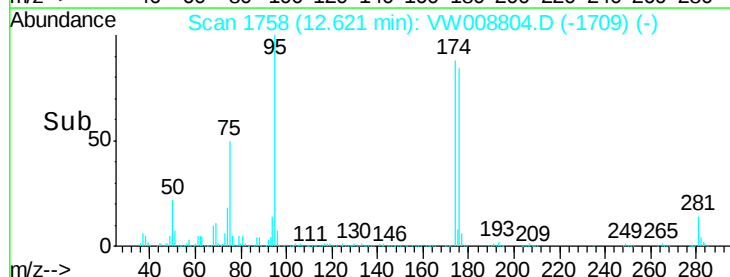
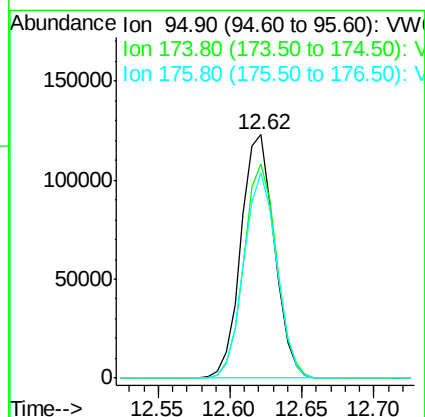
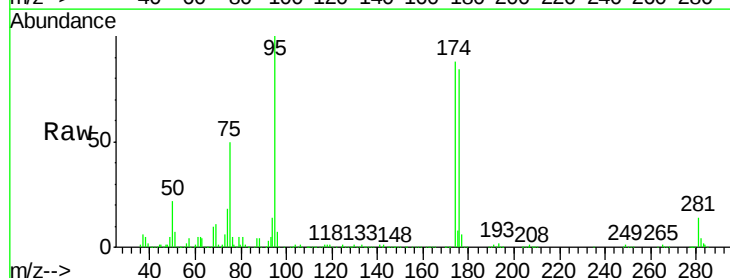
Tgt Ion: 95 Resp: 197433

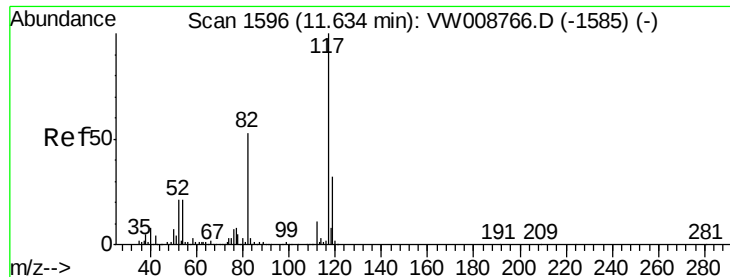
Ion Ratio Lower Upper

95 100

174 86.6 0.0 169.2

176 83.1 0.0 163.6

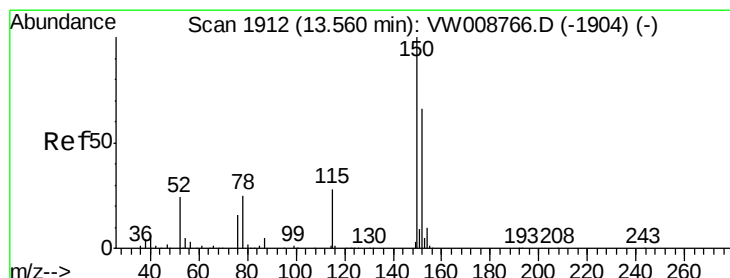
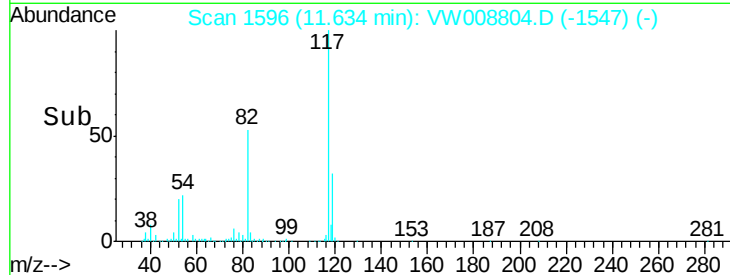
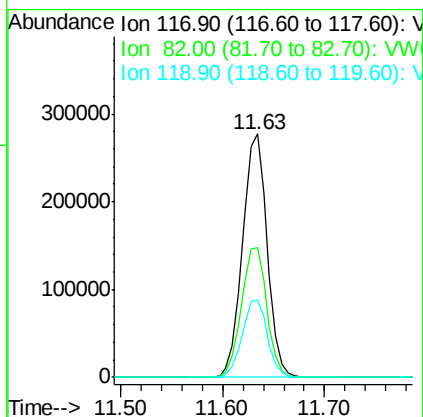
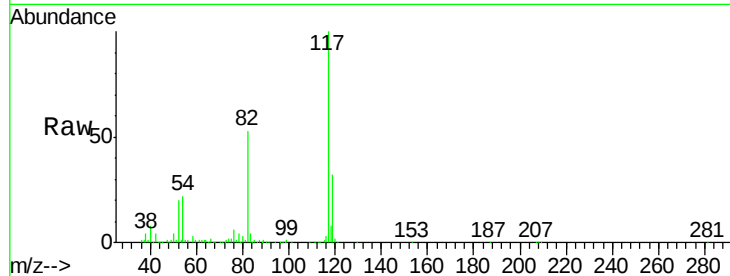




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :
TP-CBF-B11

Tot Ion:117 Resp: 463489
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion:152 Resp: 171516
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.8
150 156.0 0.0 348.0

