

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004716.D
 Acq On : 16 Aug 2018 00:37
 Operator : SY/AP
 Sample : J3822-05
 Misc : 4.69G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NFB-BF-SS005-01

Quant Time: Aug 16 05:44:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

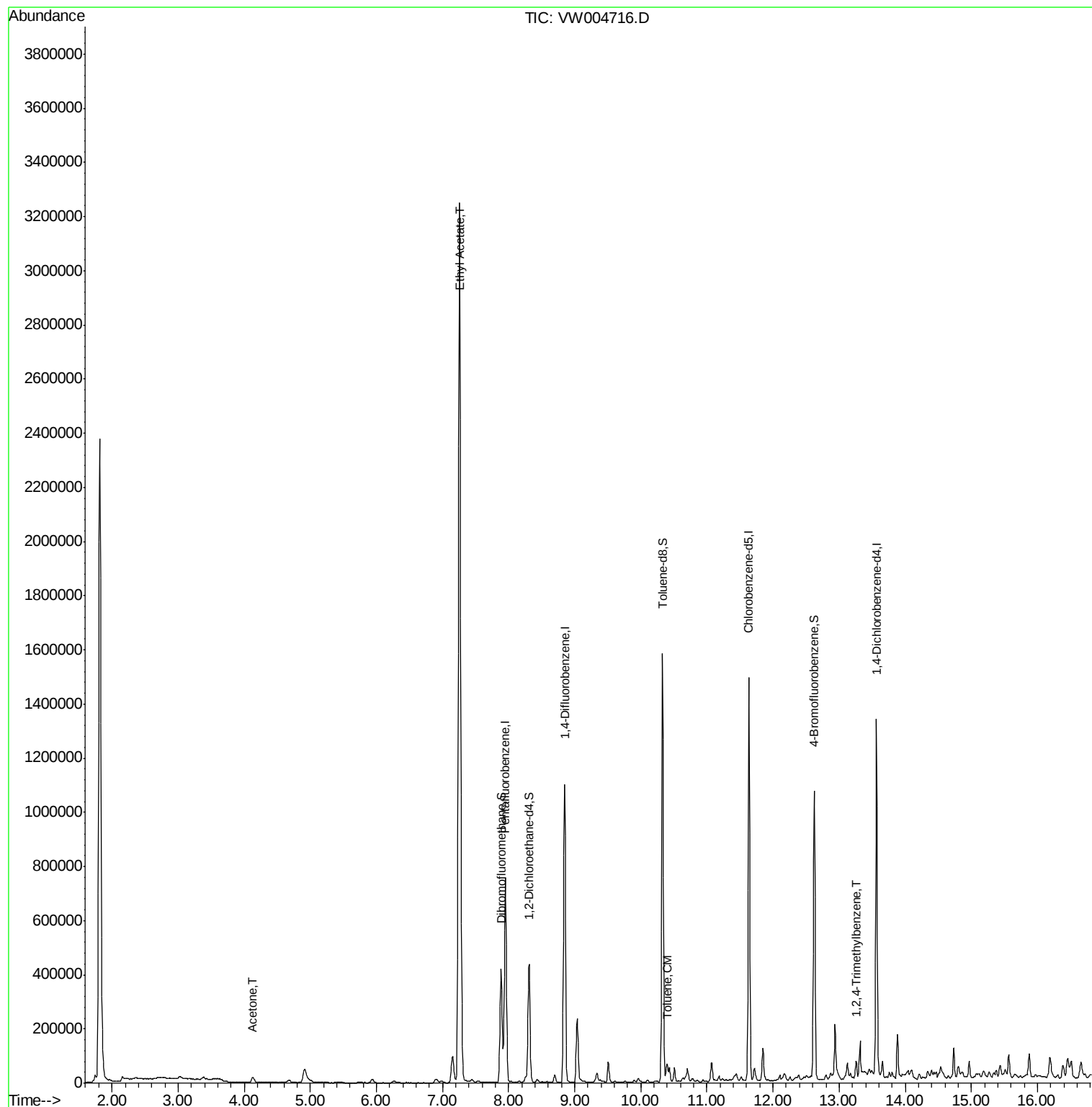
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	579052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	953093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	845482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	355419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	336487	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	307311	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.33	98	1061121	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.62	95	346190	39.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.34%	
Target Compounds						
16) Acetone	4.13	43	33488	20.92	ug/l	98
37) Ethyl Acetate	7.26	43	4688986	975.61	ug/l	98
52) Toluene	10.40	92	21632	1.22	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	38800	1.79	ug/l	98

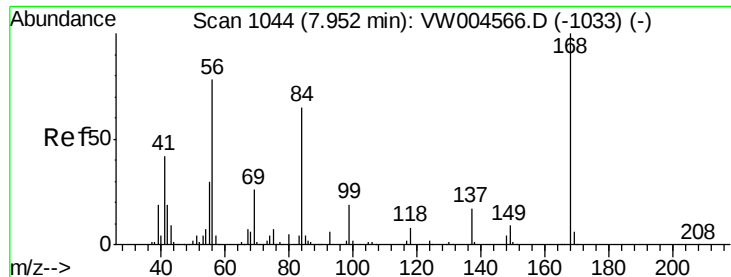
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081718\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004716.D

Acq: 16 Aug 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

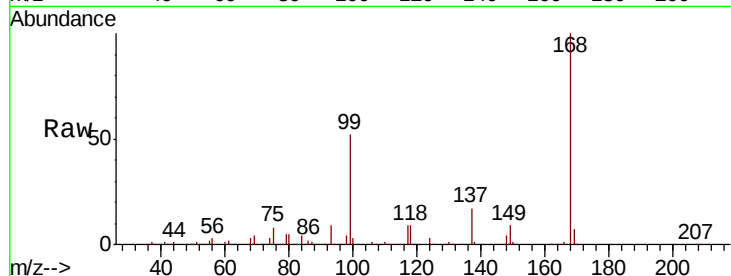
NFB-BF-SS005-01

Tot Ion:168 Resp: 579052

Ion Ratio Lower Upper

168 100

99 52.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

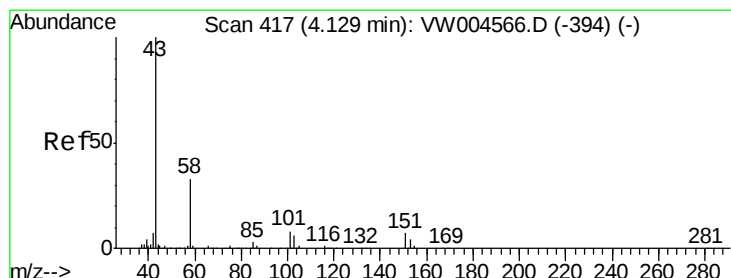
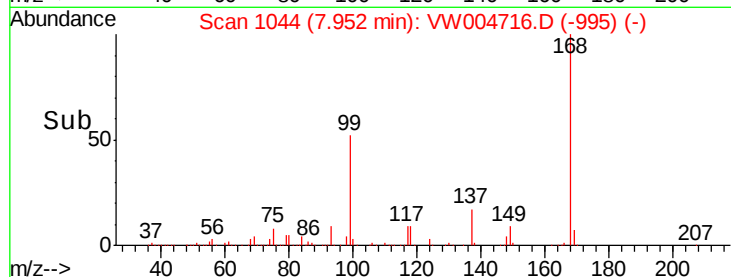
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.92 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004716.D

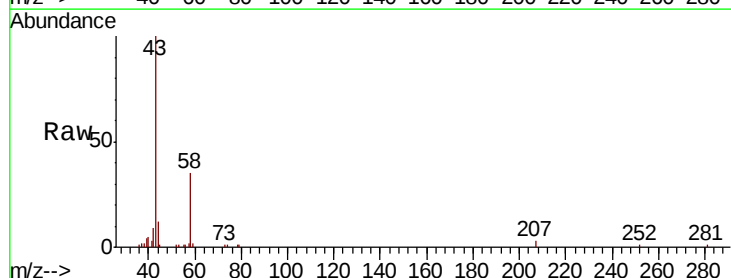
Acq: 16 Aug 2018 00:37

Tgt Ion: 43 Resp: 33488

Ion Ratio Lower Upper

43 100

58 34.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

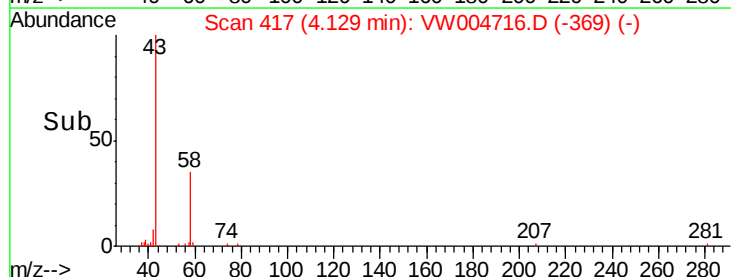
4.13

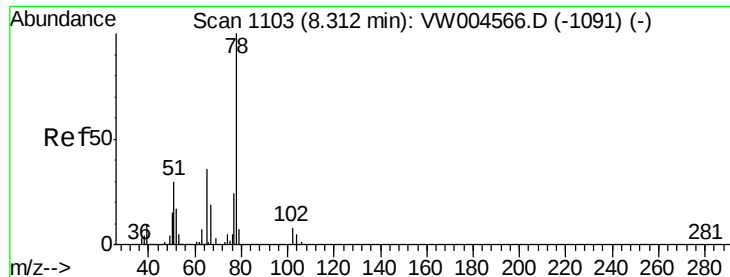
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.49 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

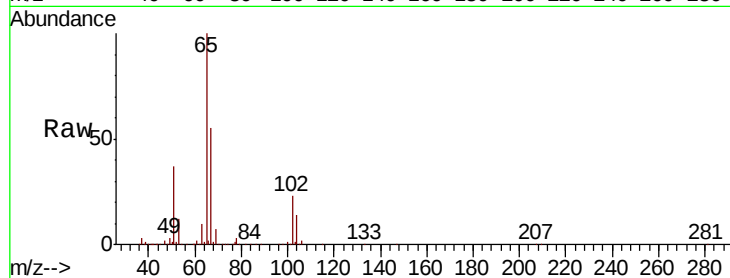
NFB-BF-SS005-01

Tot Ion: 65 Resp: 336487

Ion Ratio Lower Upper

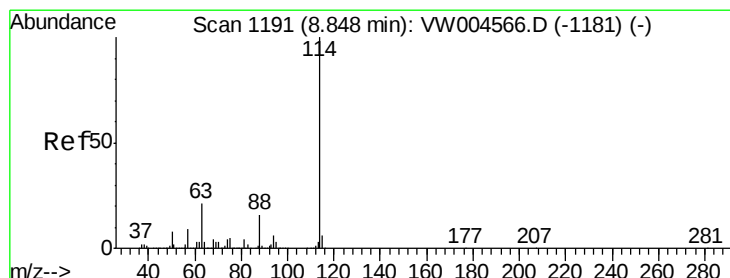
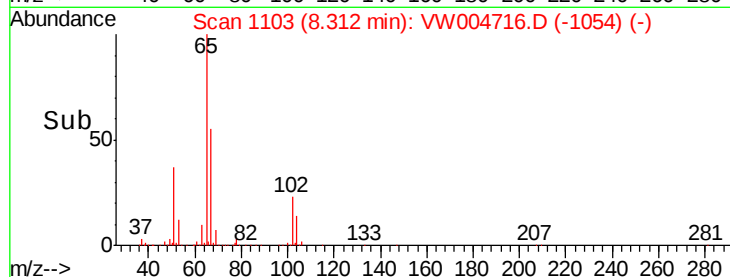
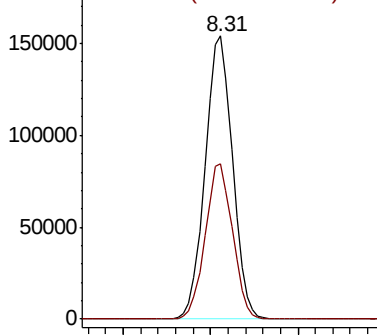
65 100

67 54.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

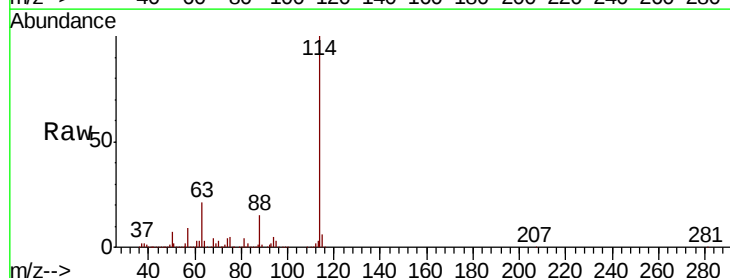
Tgt Ion: 114 Resp: 953093

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

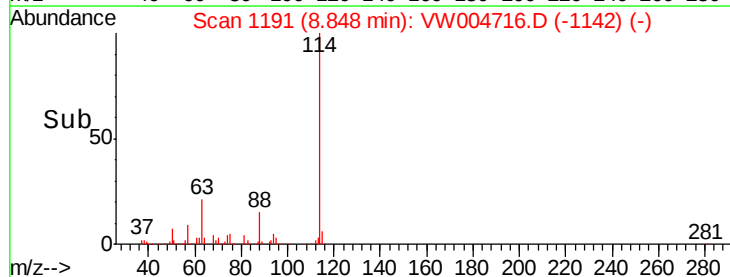
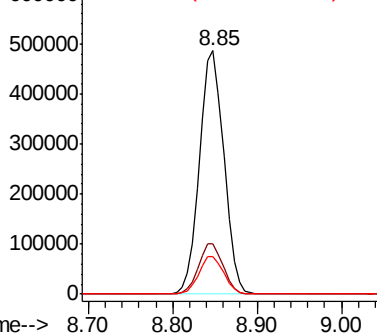
88 15.4 0.0 31.2

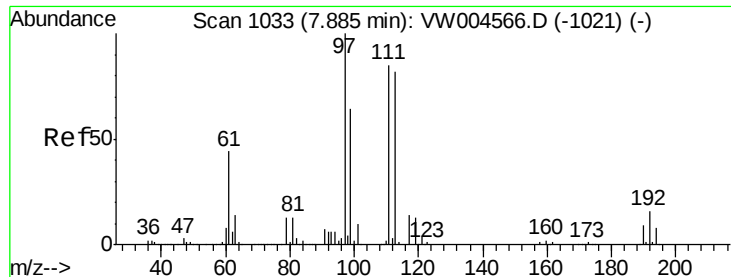


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

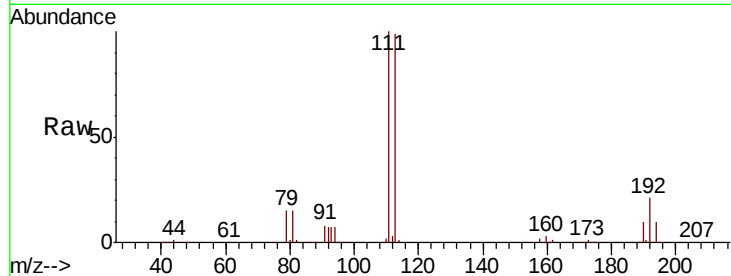




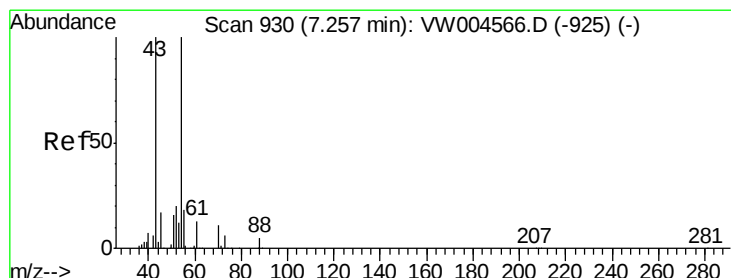
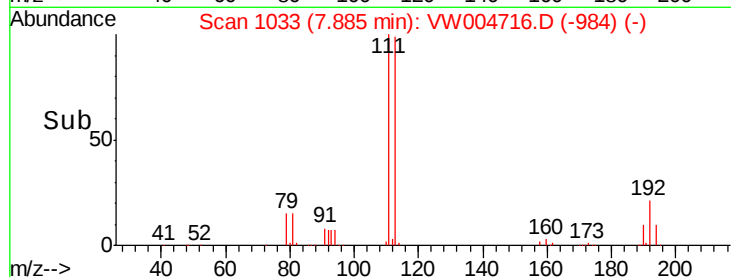
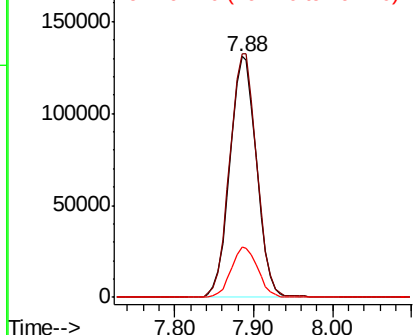
#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004716.D
Acq: 16 Aug 2018 00:37

Instrument :
MSVOA_W
ClientSampleId :
NFB-BF-SS005-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	20.8	15.8	23.6

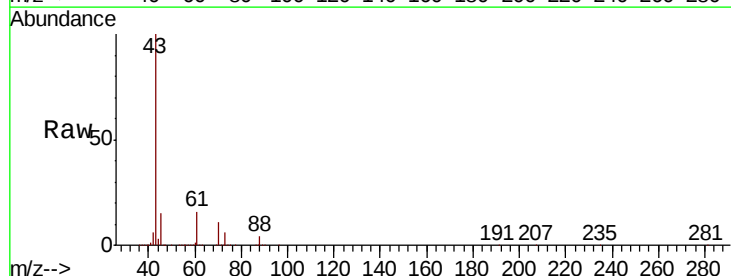


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

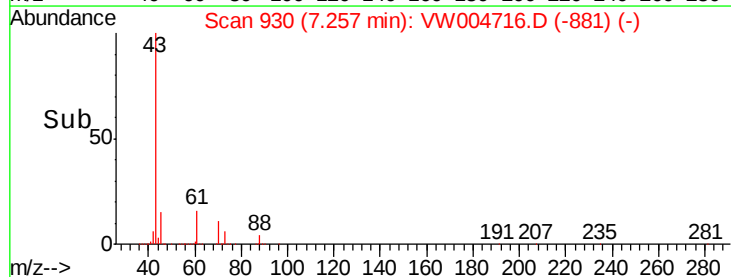
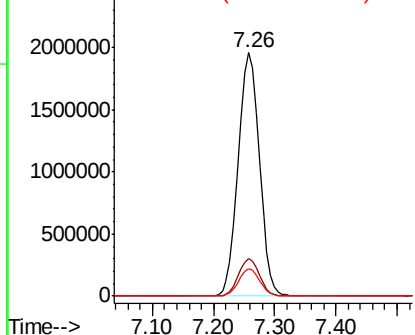


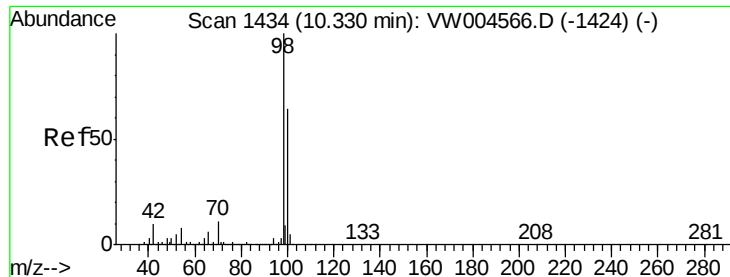
#37
Ethyl Acetate
Concen: 975.61 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004716.D
Acq: 16 Aug 2018 00:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	11.2	8.2	12.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW





#50

Toluene-d8

Concen: 43.80 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

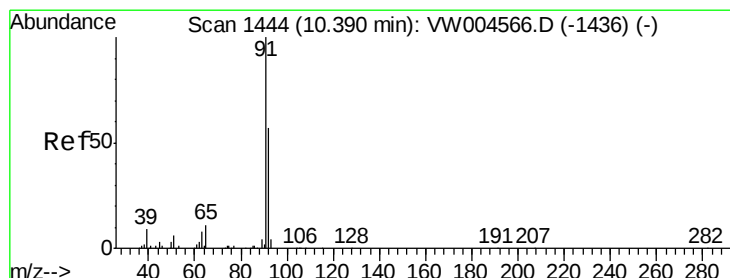
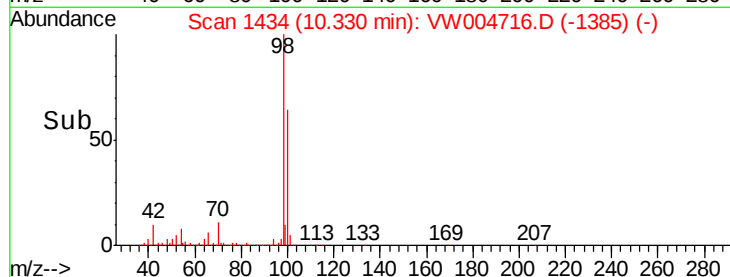
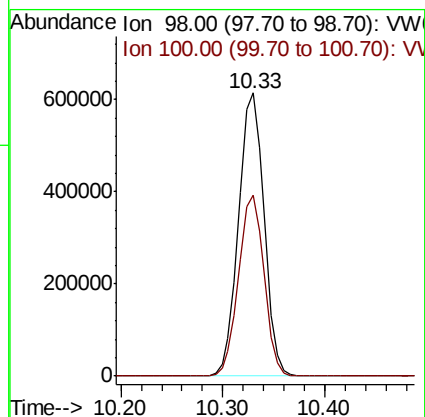
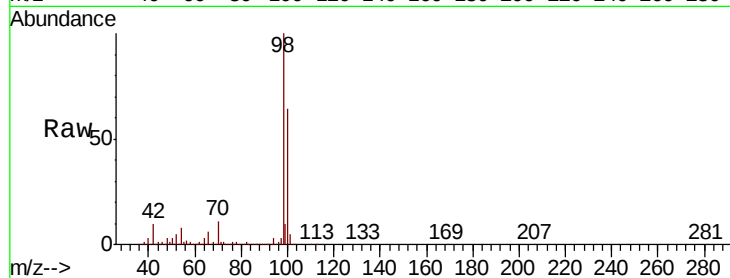
NFB-BF-SS005-01

Tot Ion: 98 Resp: 1061121

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#52

Toluene

Concen: 1.22 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004716.D

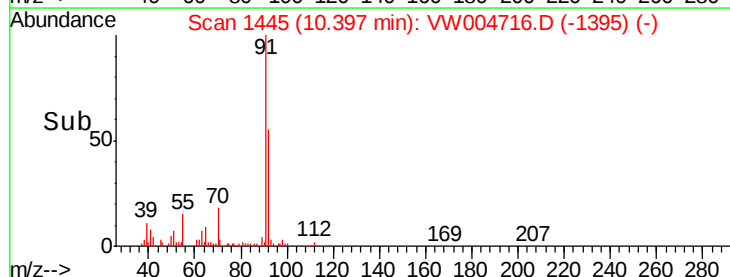
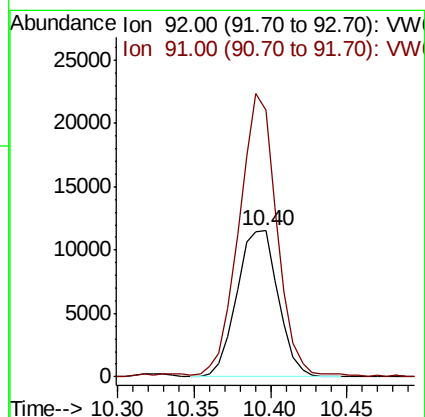
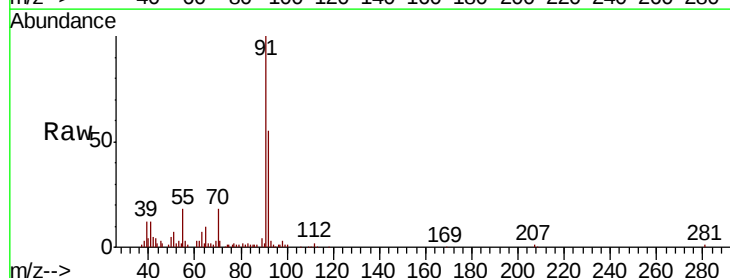
Acq: 16 Aug 2018 00:37

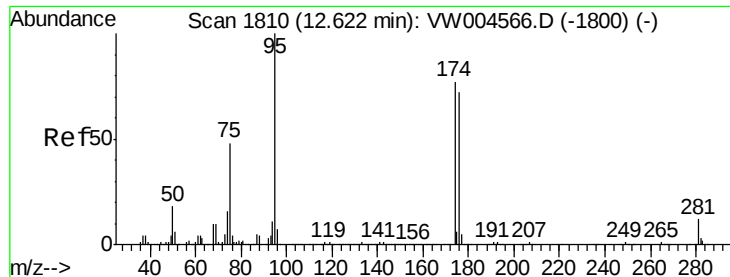
Tgt Ion: 92 Resp: 21632

Ion Ratio Lower Upper

92 100

91 179.0 137.9 206.9





#62

4-Bromofluorobenzene

Concen: 39.67 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

NFB-BF-SS005-01

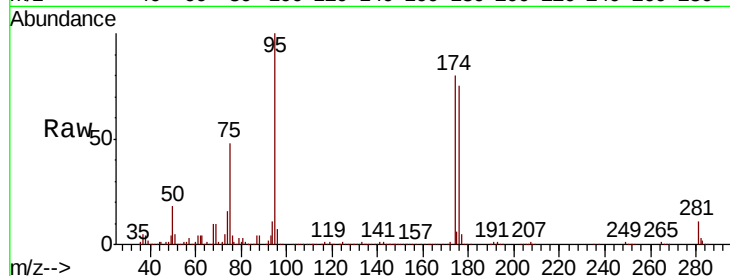
Tot Ion: 95 Resp: 346190

Ion Ratio Lower Upper

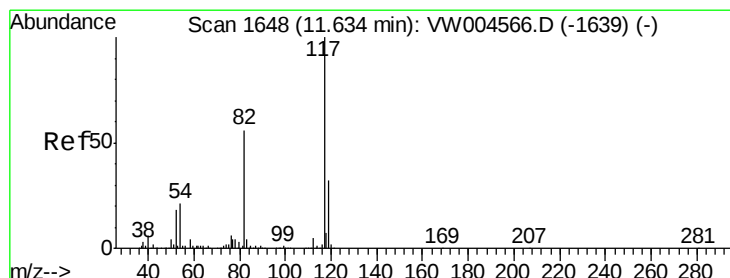
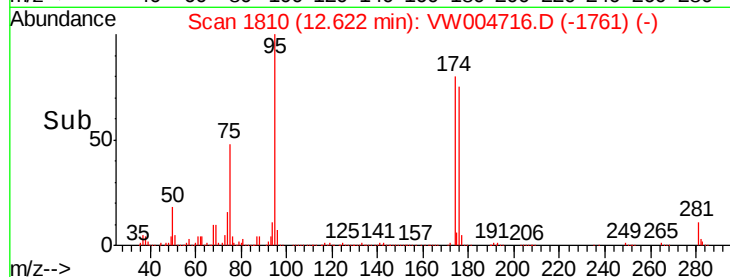
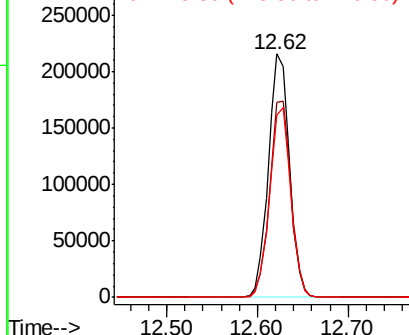
95 100

174 82.2 0.0 160.4

176 78.1 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

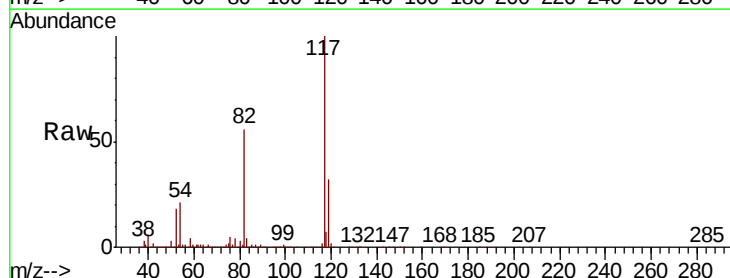
Tgt Ion: 117 Resp: 845482

Ion Ratio Lower Upper

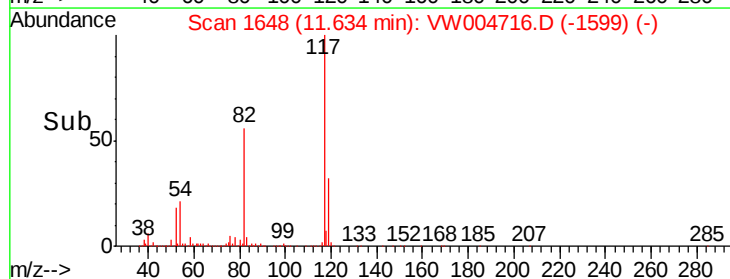
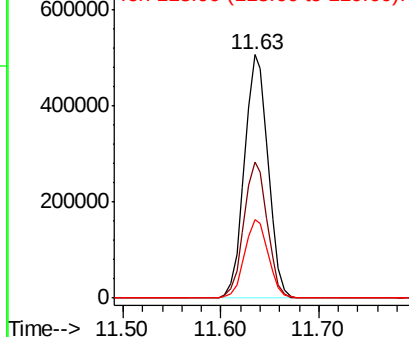
117 100

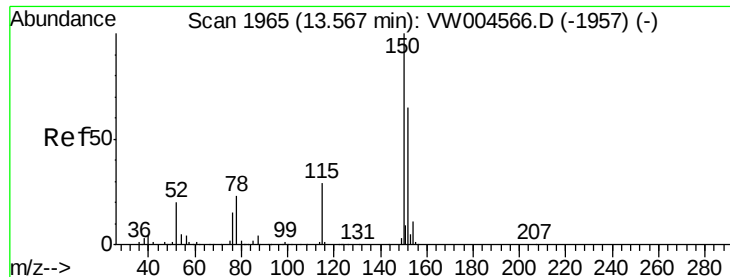
82 56.1 45.3 67.9

119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004716.D

Acq: 16 Aug 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

NFB-BF-SS005-01

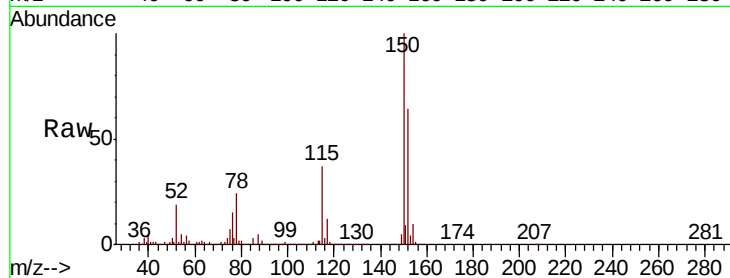
Tot Ion:152 Resp: 355419

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

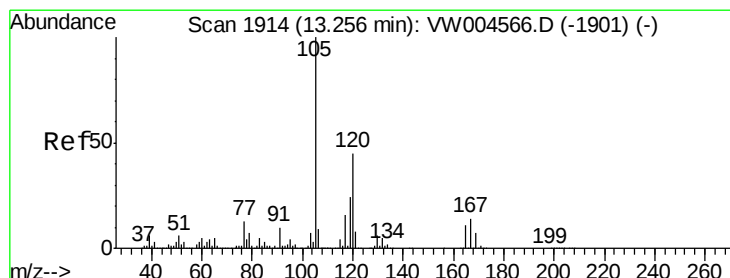
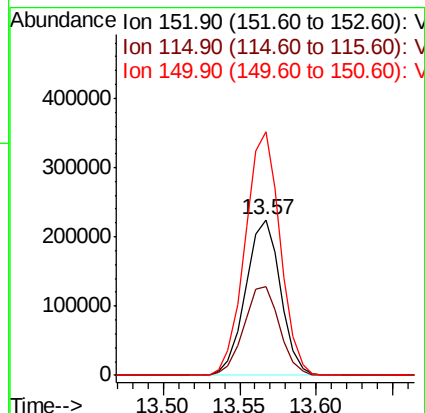
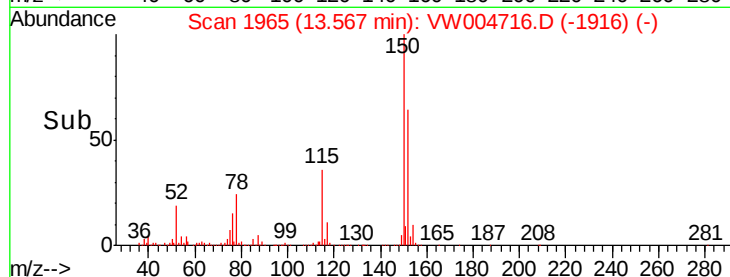
150 157.4 0.0 349.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.79 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW004716.D

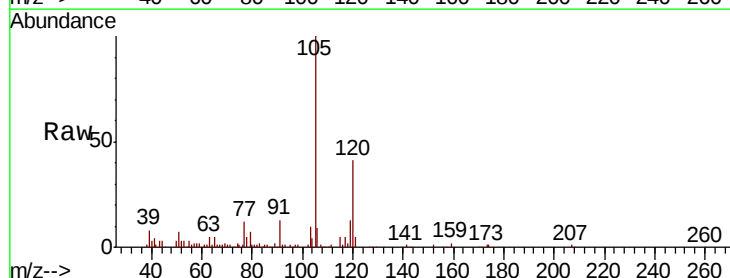
Acq: 16 Aug 2018 00:37

Tgt Ion:105 Resp: 38800

Ion Ratio Lower Upper

105 100

120 44.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

