

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004712.D
 Acq On : 15 Aug 2018 22:54
 Operator : SY/AP
 Sample : J3822-01
 Misc : 3.93G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NFB-BF-SS001-01

Quant Time: Aug 16 08:25:10 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

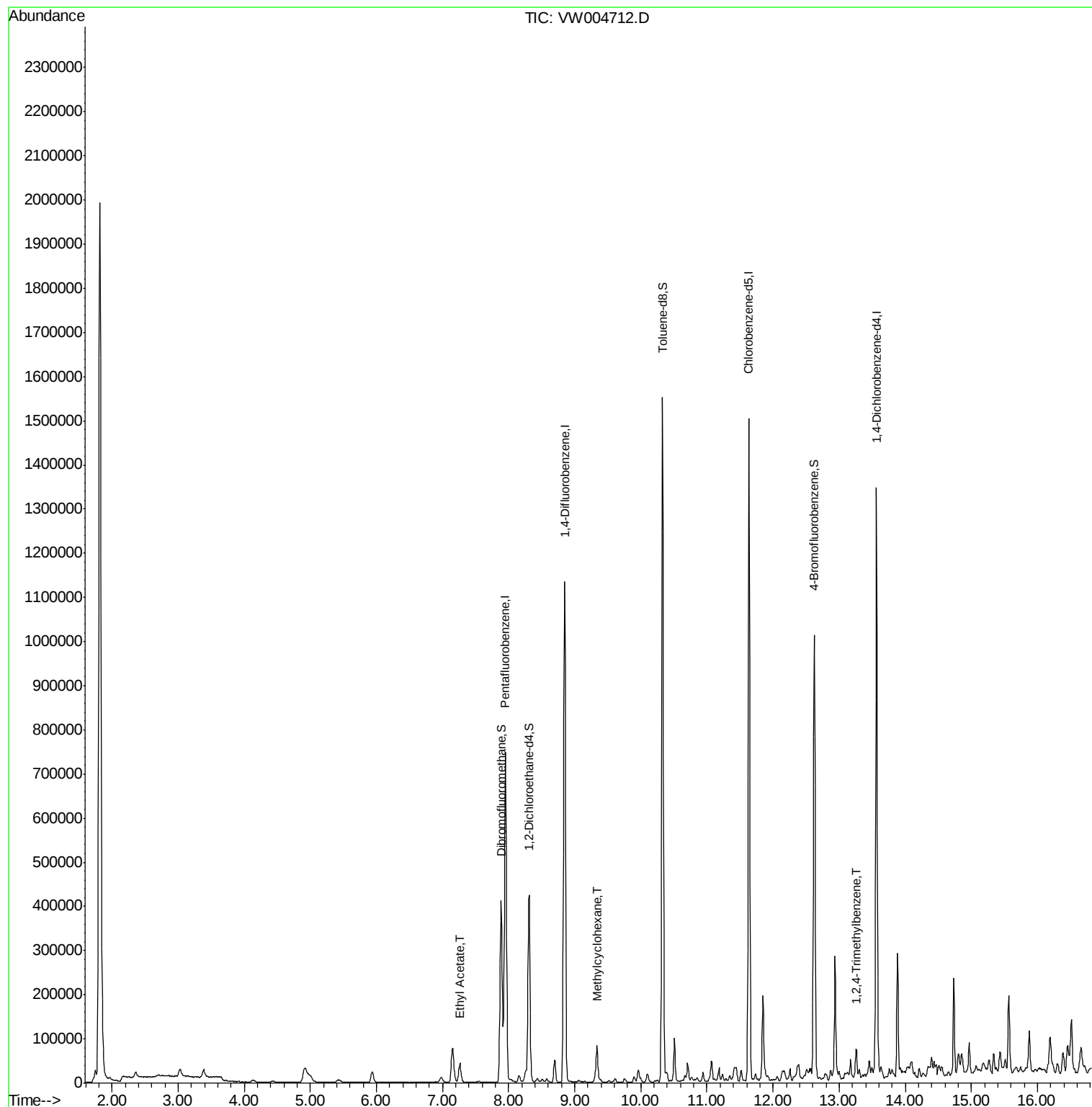
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	558249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	968786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	857799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	360828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	326266	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	7.88	113	303597	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.33	98	1022666	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
62) 4-Bromofluorobenzene	12.62	95	332267	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
Target Compounds						
37) Ethyl Acetate	7.26	43	65985	13.51	ug/l	98
39) Methylcyclohexane	9.34	83	30704	2.40	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	38360	1.74	ug/l	100

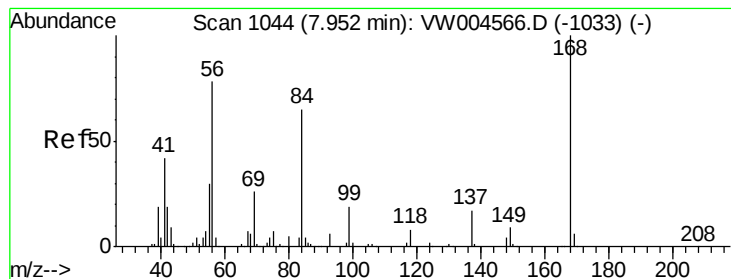
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004712.D

Acq: 15 Aug 2018 22:54

Instrument :

MSVOA_W

ClientSampleId :

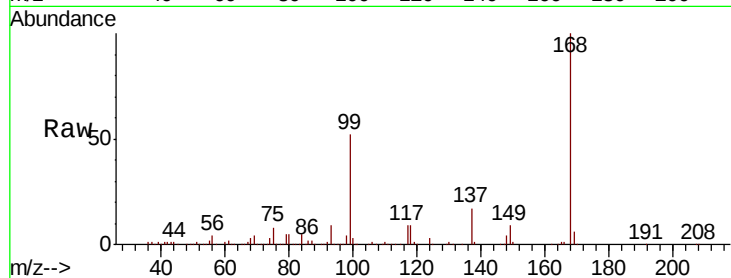
NFB-BF-SS001-01

Tot Ion:168 Resp: 558249

Ion Ratio Lower Upper

168 100

99 51.6 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

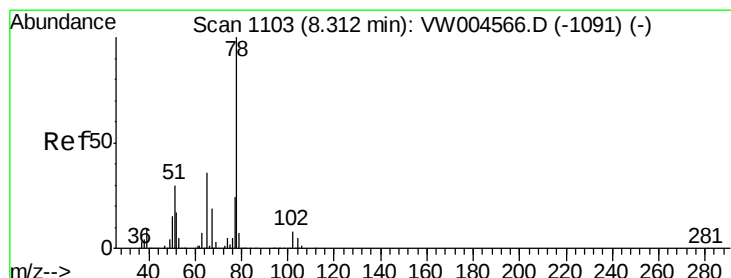
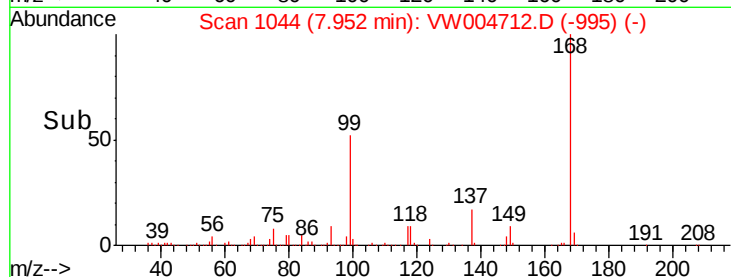
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.80 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004712.D

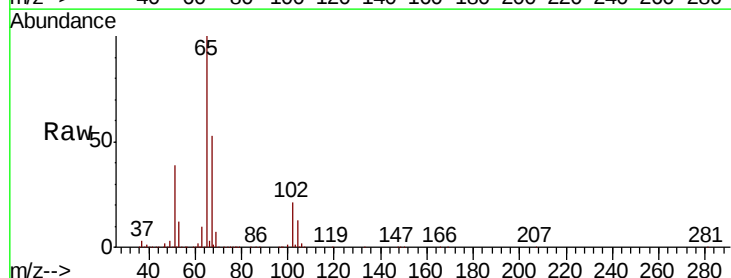
Acq: 15 Aug 2018 22:54

Tgt Ion: 65 Resp: 326266

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

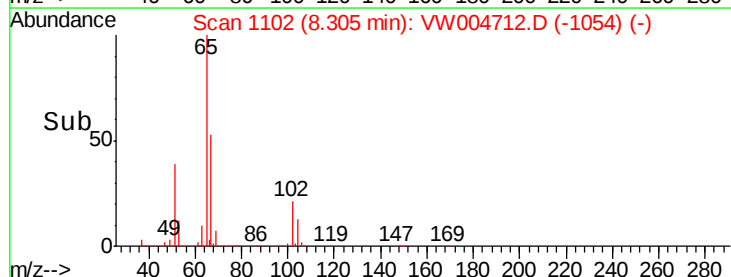
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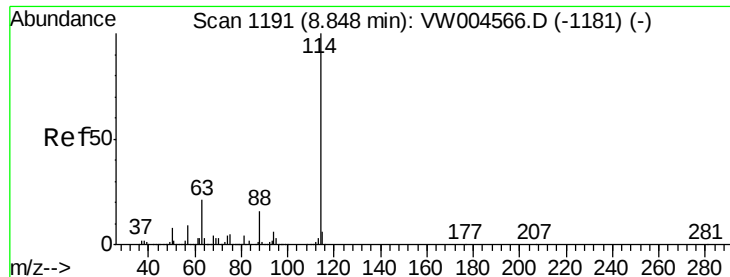
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Time-->

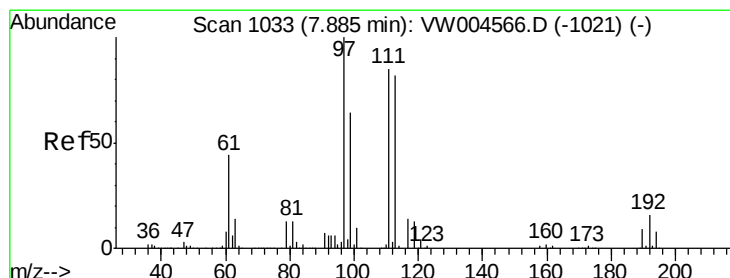
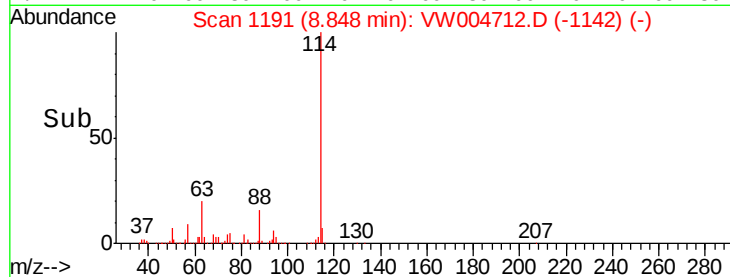
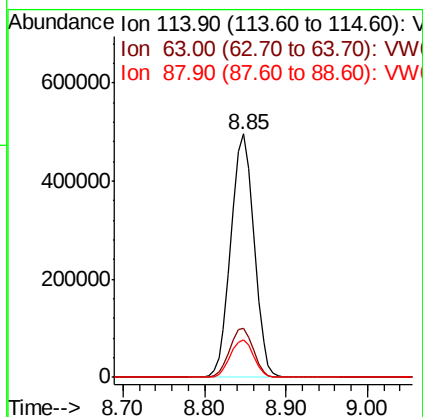
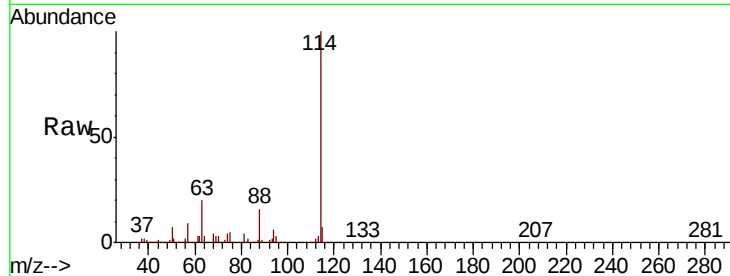




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004712.D
 Acq: 15 Aug 2018 22:54

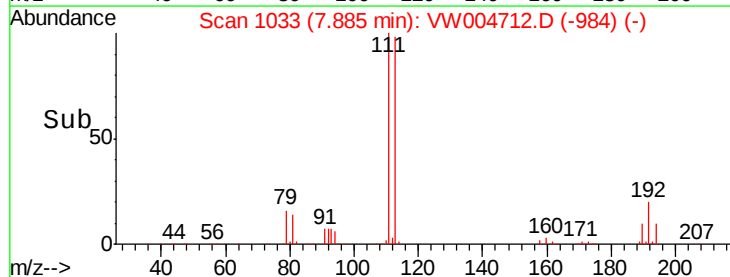
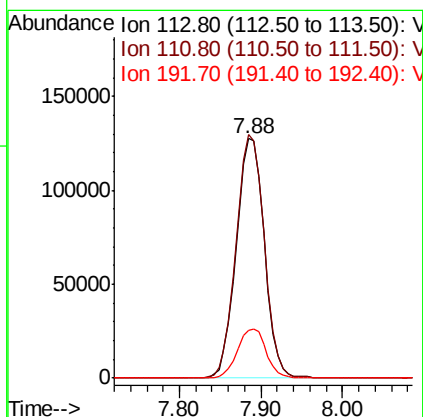
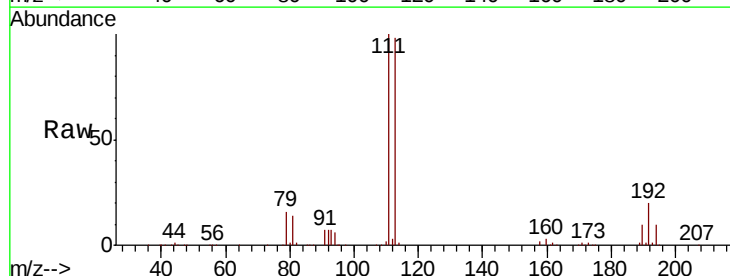
Instrument :
 MSVOA_W
 ClientSampleId :
 NFB-BF-SS001-01

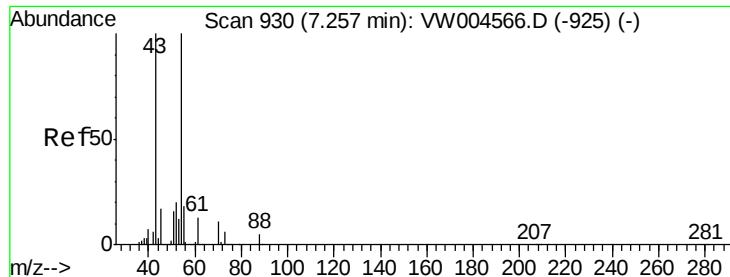
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	15.6	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 47.00 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004712.D
 Acq: 15 Aug 2018 22:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	20.8	15.8	23.6

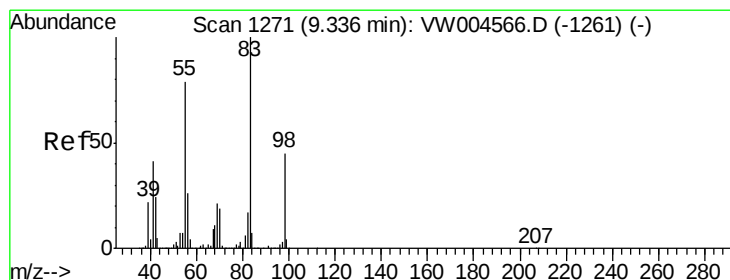
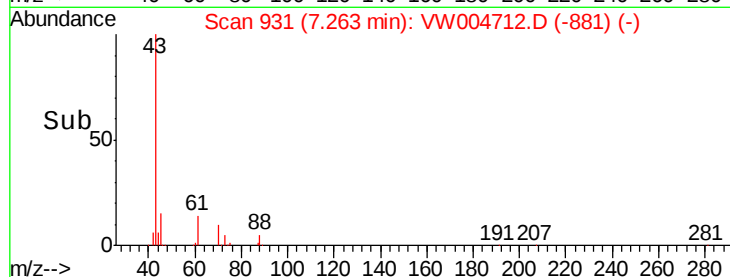
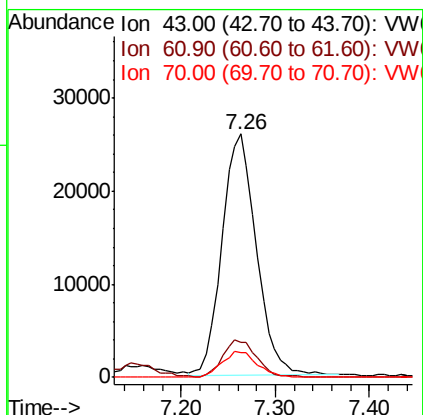
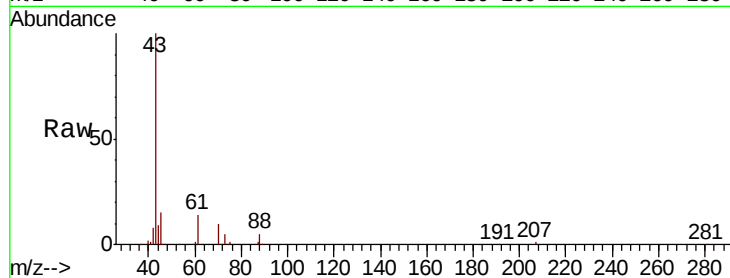




#37
Ethyl Acetate
Concen: 13.51 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004712.D
Acq: 15 Aug 2018 22:54

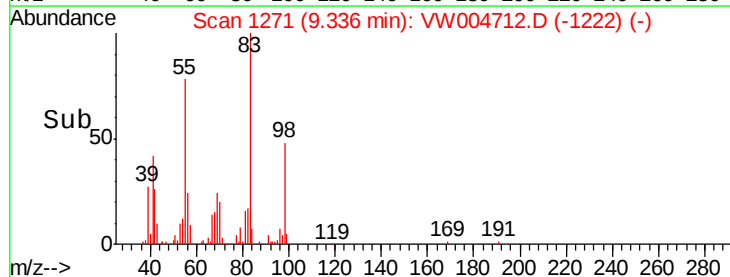
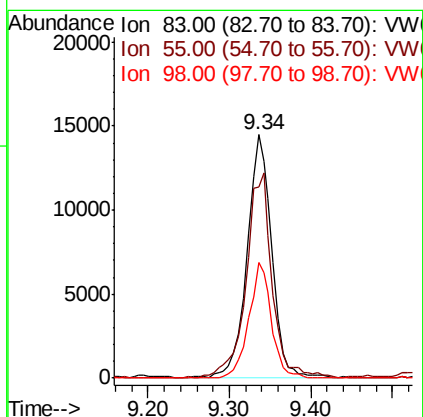
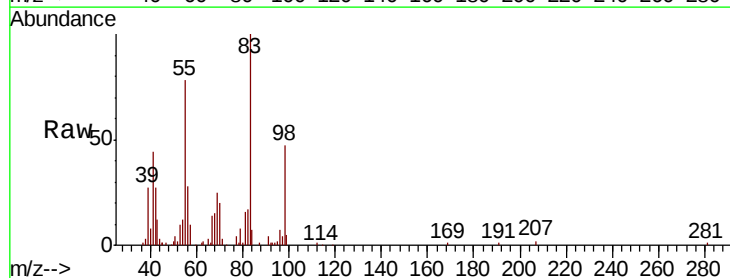
Instrument :
MSVOA_W
ClientSampleId :
NFB-BF-SS001-01

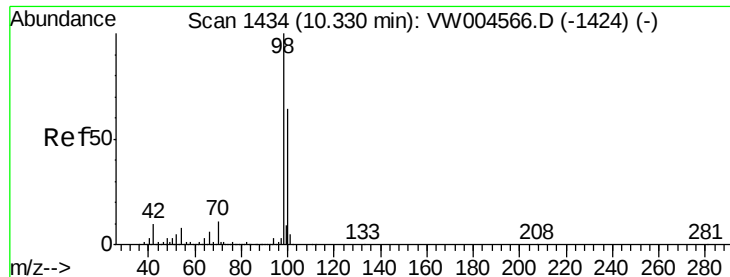
Tot Ion: 43 Resp: 65985
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.1 8.2 12.4



#39
Methylcyclohexane
Concen: 2.40 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004712.D
Acq: 15 Aug 2018 22:54

Tgt Ion: 83 Resp: 30704
Ion Ratio Lower Upper
83 100
55 78.3 62.5 93.7
98 47.4 35.4 53.2





#50

Toluene-d8

Concen: 41.53 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004712.D

Acq: 15 Aug 2018 22:54

Instrument :

MSVOA_W

ClientSampleId :

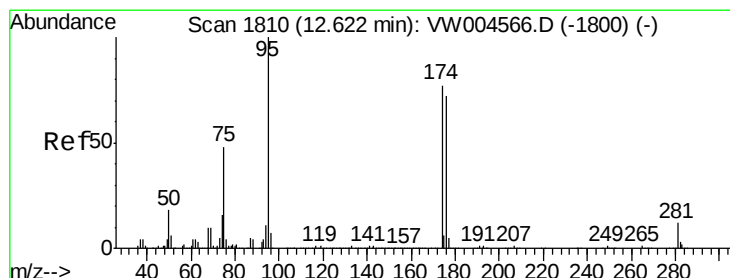
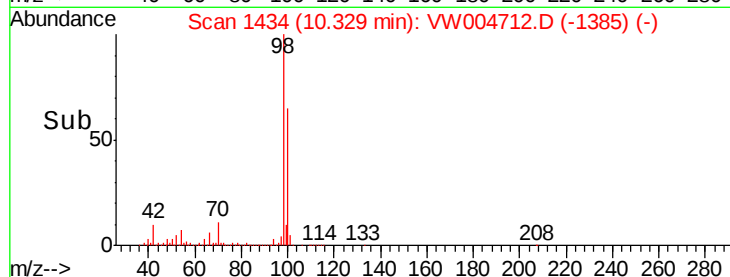
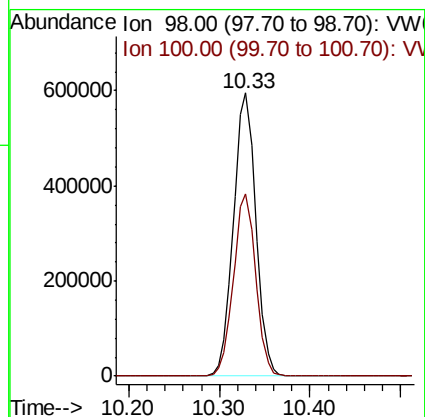
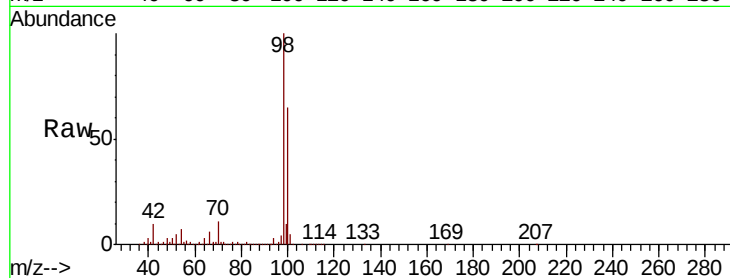
NFB-BF-SS001-01

Tot Ion: 98 Resp: 1022666

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 37.46 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004712.D

Acq: 15 Aug 2018 22:54

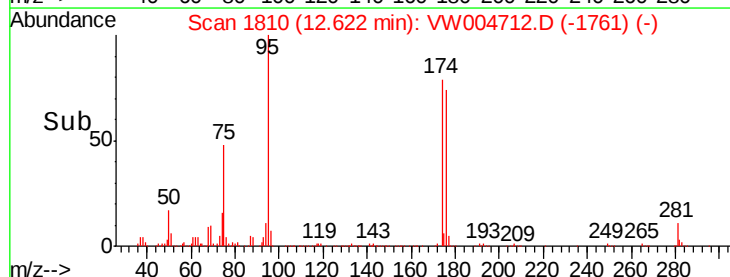
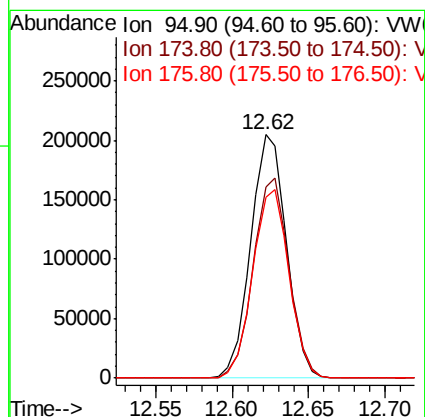
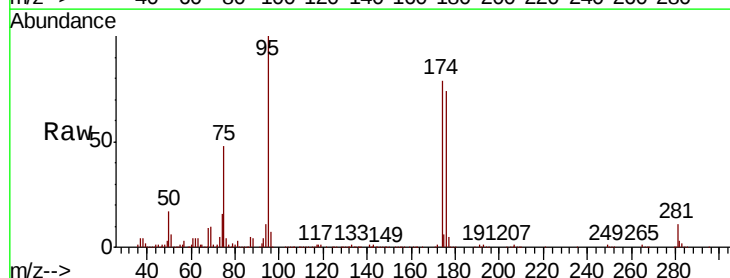
Tgt Ion: 95 Resp: 332267

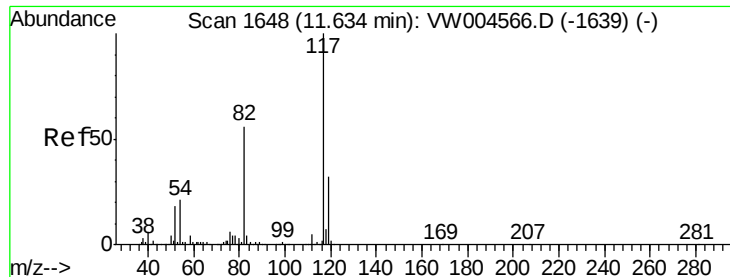
Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.4

176 78.8 0.0 153.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004712.D

Acq: 15 Aug 2018 22:54

Instrument :

MSVOA_W

ClientSampleId :

NFB-BF-SS001-01

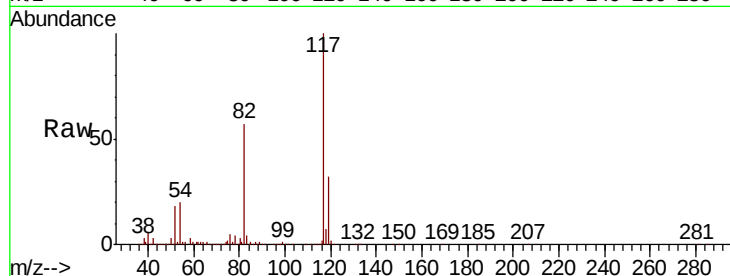
Tot Ion:117 Resp: 857799

Ion Ratio Lower Upper

117 100

82 56.6 45.3 67.9

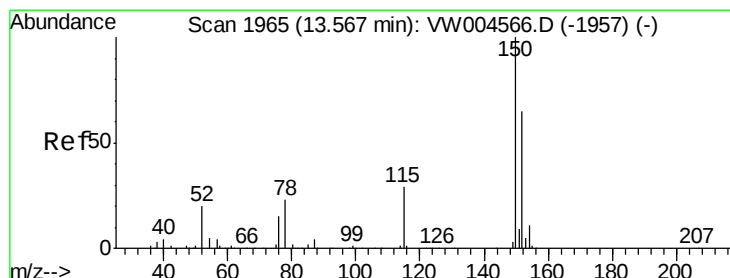
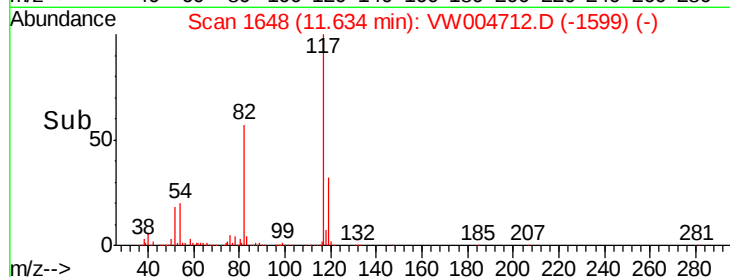
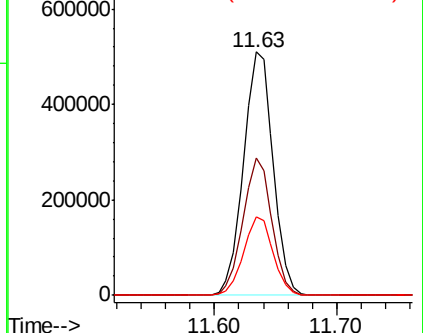
119 32.3 26.2 39.4



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: VW004712.D

Acq: 15 Aug 2018 22:54

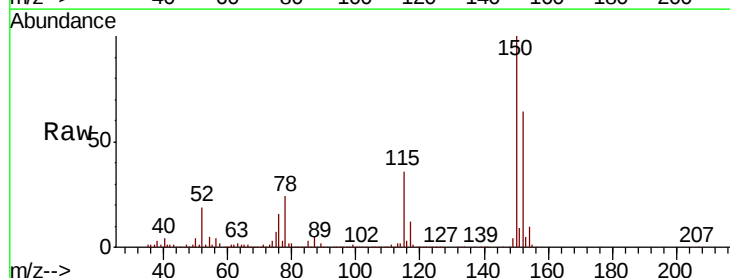
Tgt Ion:152 Resp: 360828

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

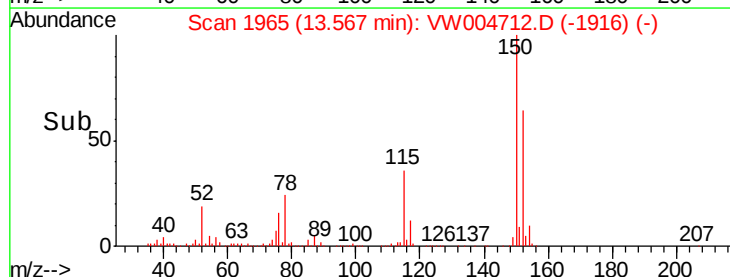
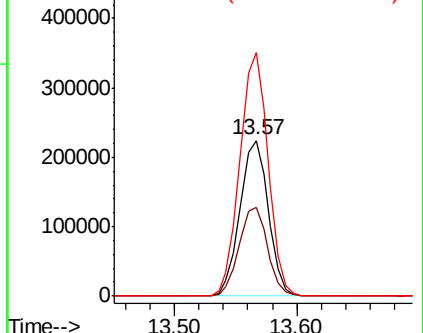
150 155.5 0.0 349.6

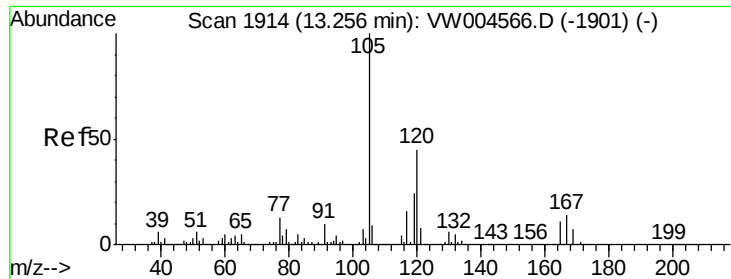


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.74 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004712.D
 Acq: 15 Aug 2018 22:54

Instrument :
 MSVOA_W
 ClientSampleId :
 NFB-BF-SS001-01

Tot Ion:105 Resp: 38360
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8

