

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061391.D
 Acq On : 14 Jan 2019 16:07
 Operator : VA/AP
 Sample : K1128-01
 Misc : 4.27g/5mL/MSVOA-F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200053

Quant Time: Jan 14 21:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

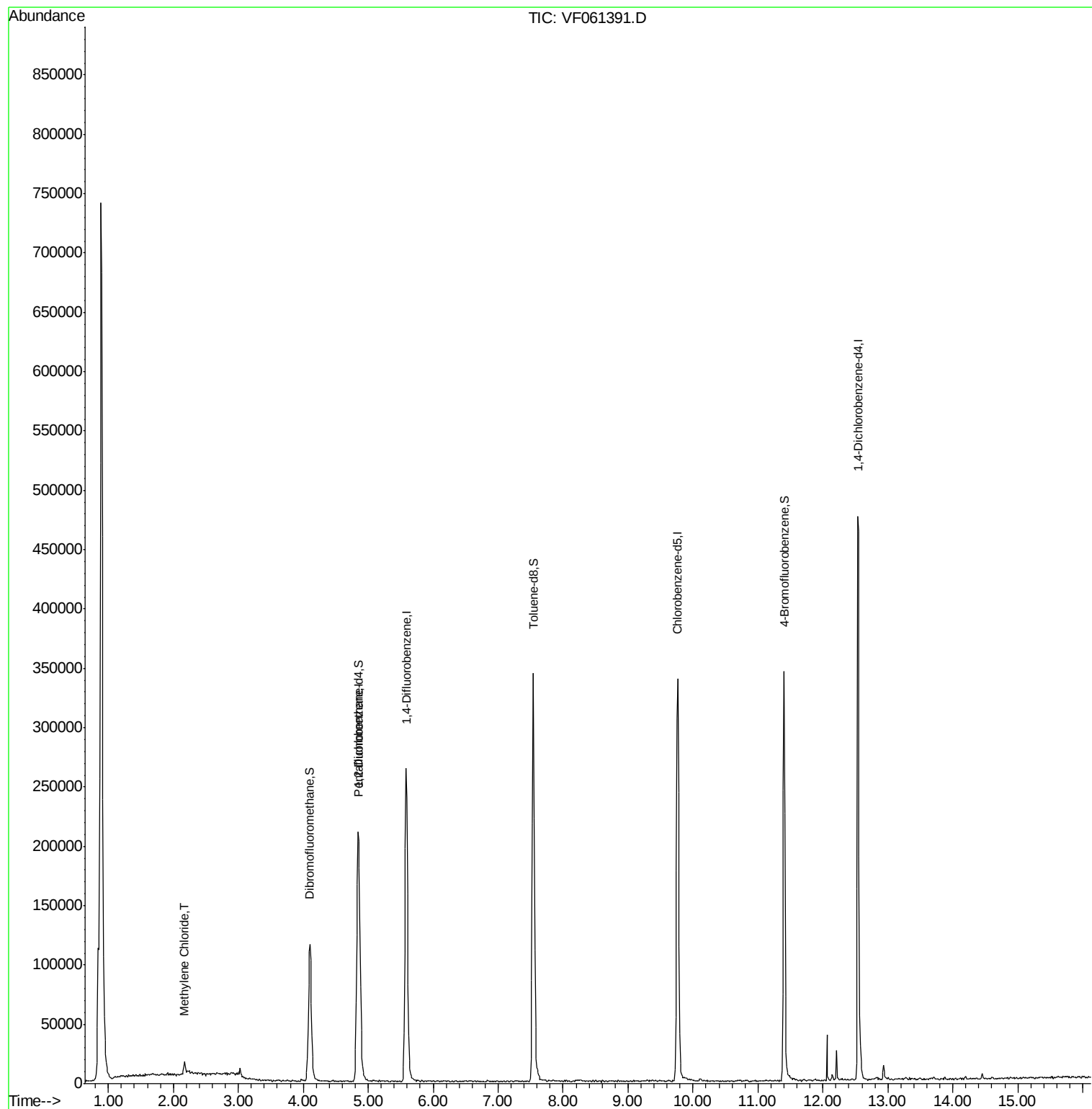
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	149851	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	291061	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	252259	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	131564	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98394	58.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.98%	
35) Dibromofluoromethane	4.10	113	114500	51.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	7.55	98	301096	45.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.40	95	138432	48.10	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
20) Methylene Chloride	2.17	84	5137	3.130	ug/l #	Qvalue 82

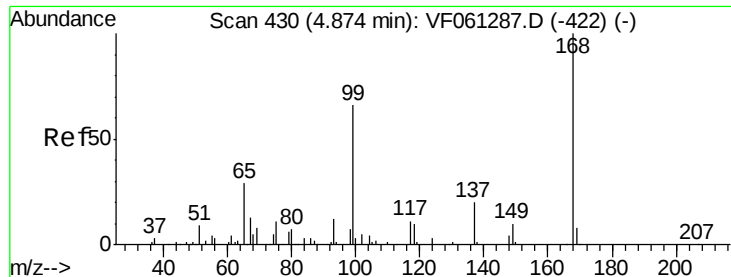
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061391.D

Acq: 14 Jan 2019 16:07

Instrument :

MSVOA_F

ClientSampleId :

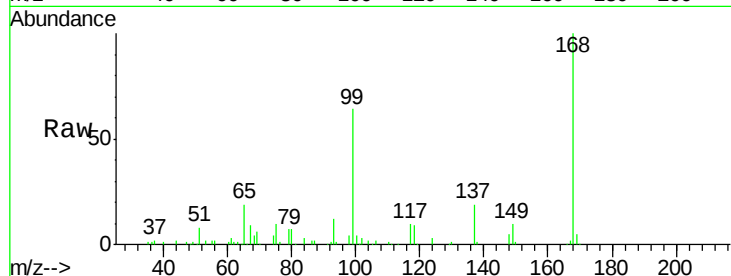
RBR-200053

Tot Ion:168 Resp: 149851

Ion Ratio Lower Upper

168 100

99 63.6 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

50000

40000

30000

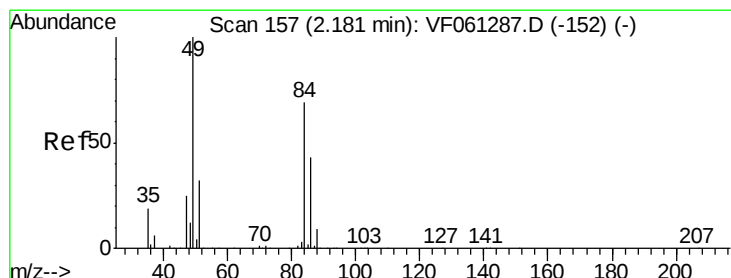
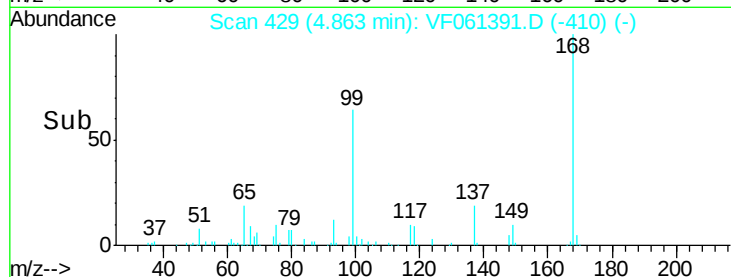
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 3.130 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.01 min

Lab File: VF061391.D

Acq: 14 Jan 2019 16:07

Tgt Ion: 84 Resp: 5137

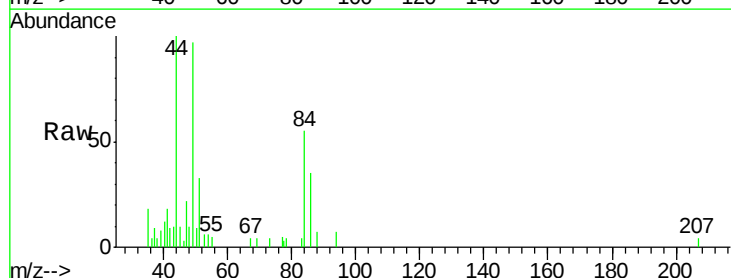
Ion Ratio Lower Upper

84 100

49 177.1 116.6 175.0#

51 59.5 37.7 56.5#

86 63.2 49.8 74.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

5000

4000

3000

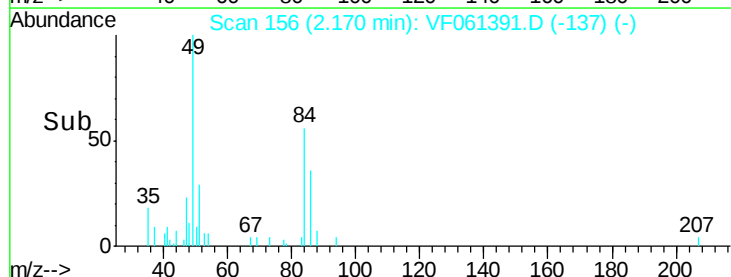
2000

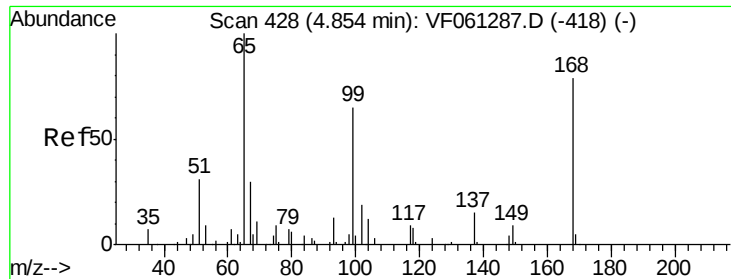
1000

0

Time-->

2.10 2.15 2.20 2.25

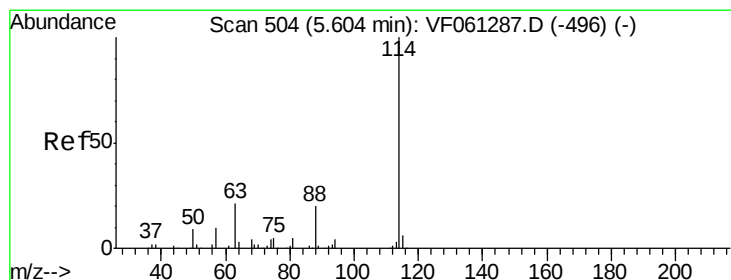
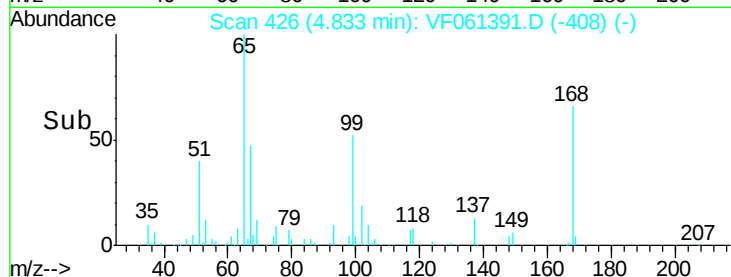
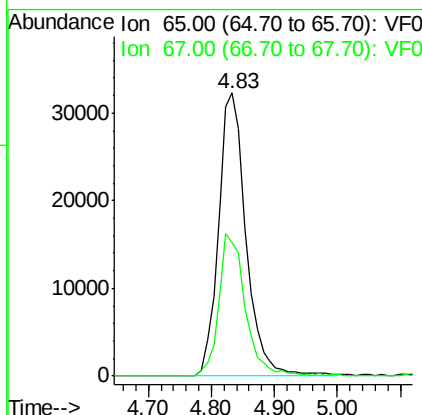
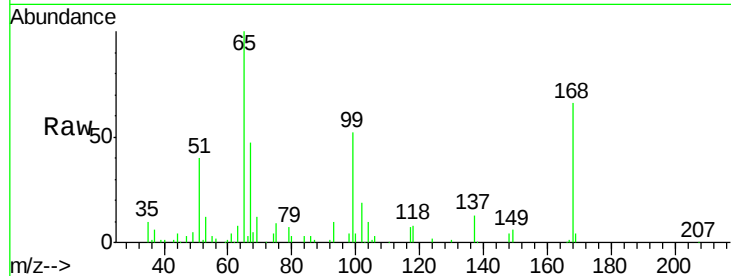




#33
 1,2-Dichloroethane-d4
 Concen: 58.992 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061391.D
 Acq: 14 Jan 2019 16:07

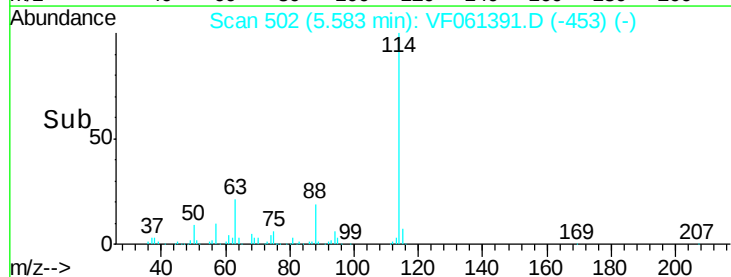
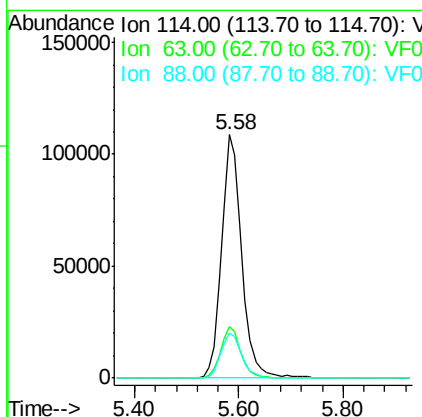
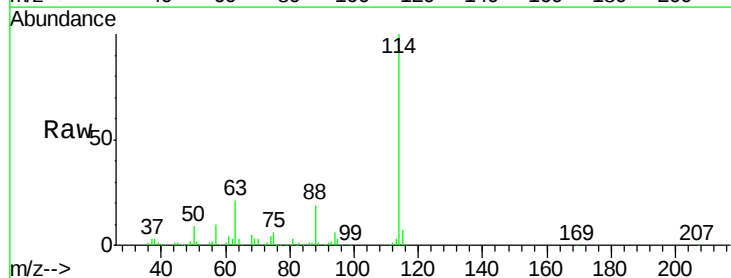
Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200053

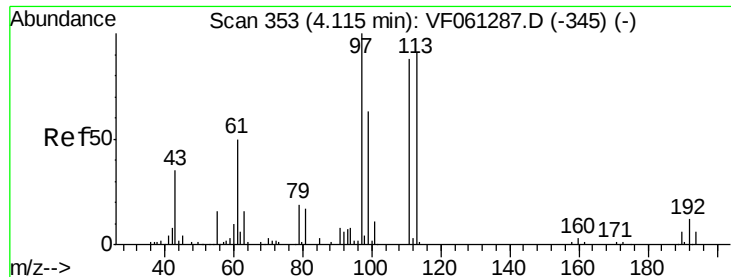
Tot Ion: 65 Resp: 98394
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF061391.D
 Acq: 14 Jan 2019 16:07

Tgt Ion: 114 Resp: 291061
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 18.5 0.0 40.0

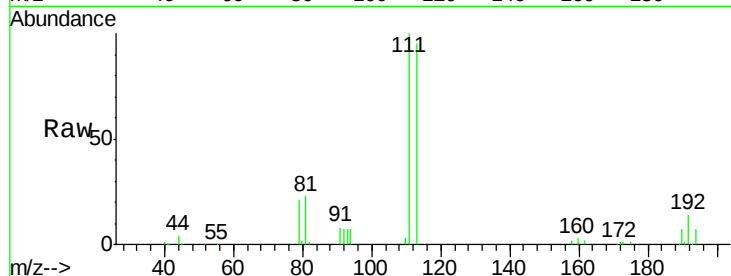




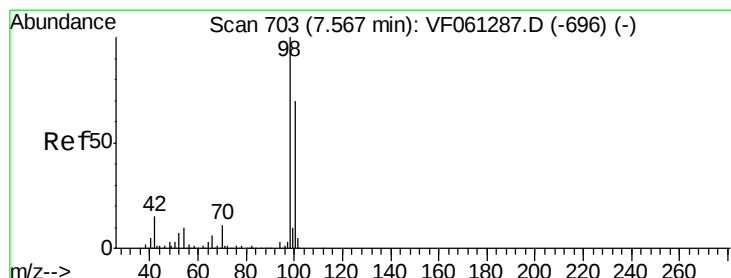
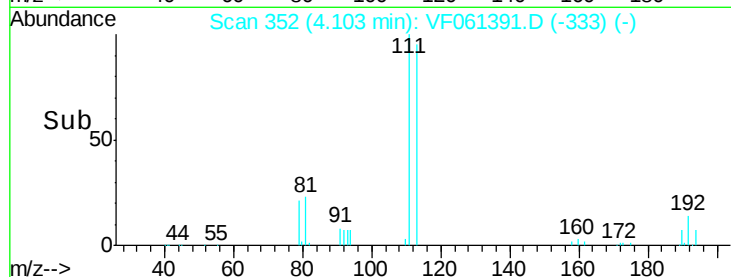
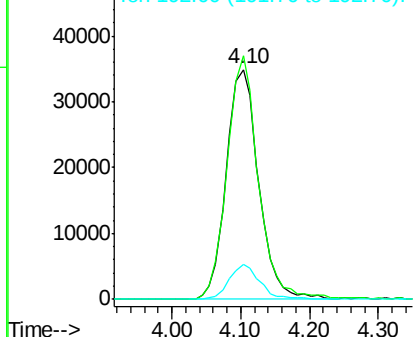
#35
Dibromofluoromethane
Concen: 51.412 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061391.D
Acq: 14 Jan 2019 16:07

Instrument :
MSVOA_F
ClientSampleId :
RBR-200053

Tot Ion:113 Resp: 114500
Ion Ratio Lower Upper
113 100
111 105.8 78.0 117.0
192 15.2 10.6 16.0

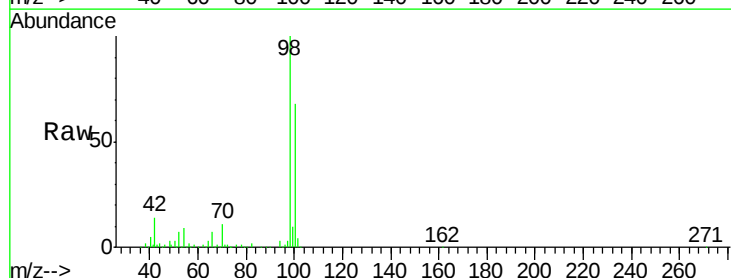


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

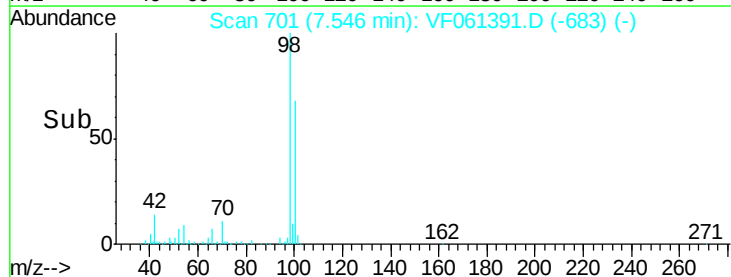
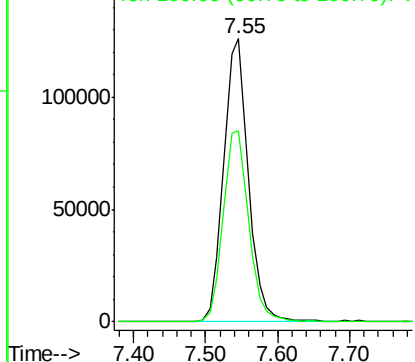


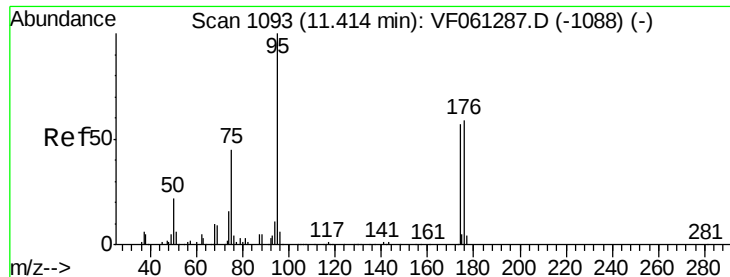
#50
Toluene-d8
Concen: 45.686 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061391.D
Acq: 14 Jan 2019 16:07

Tgt Ion: 98 Resp: 301096
Ion Ratio Lower Upper
98 100
100 67.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 48.103 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061391.D

Acq: 14 Jan 2019 16:07

Instrument :

MSVOA_F

ClientSampleId :

RBR-200053

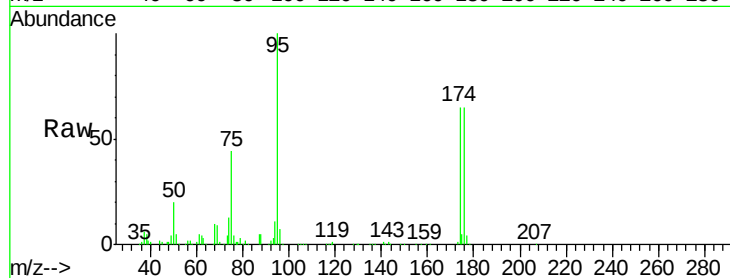
Tot Ion: 95 Resp: 138432

Ion Ratio Lower Upper

95 100

174 65.4 0.0 114.2

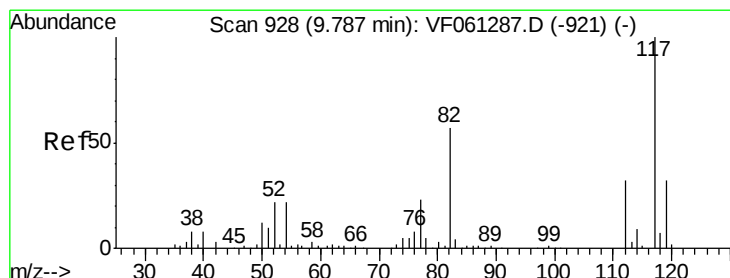
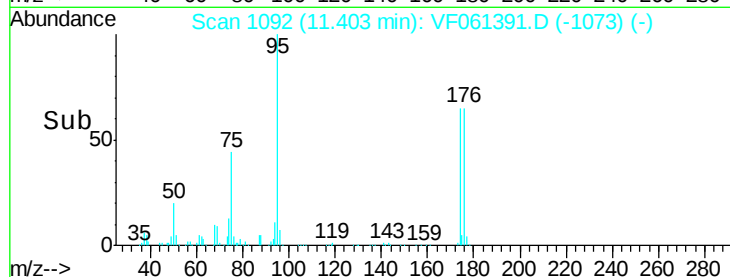
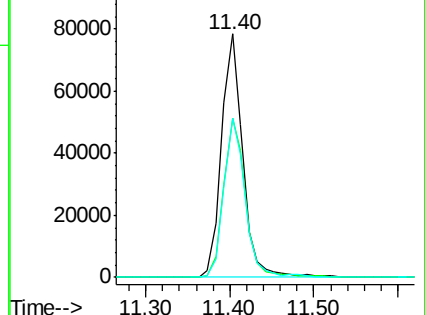
176 65.2 0.0 117.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061391.D

Acq: 14 Jan 2019 16:07

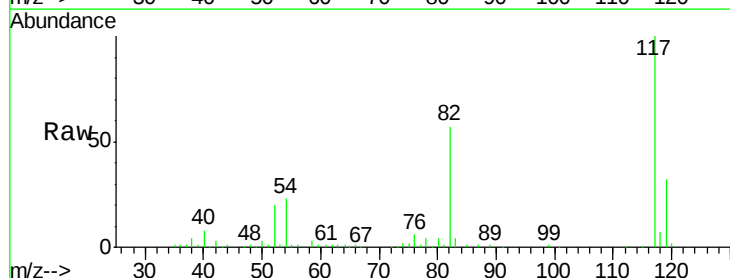
Tgt Ion: 117 Resp: 252259

Ion Ratio Lower Upper

117 100

82 57.3 45.3 67.9

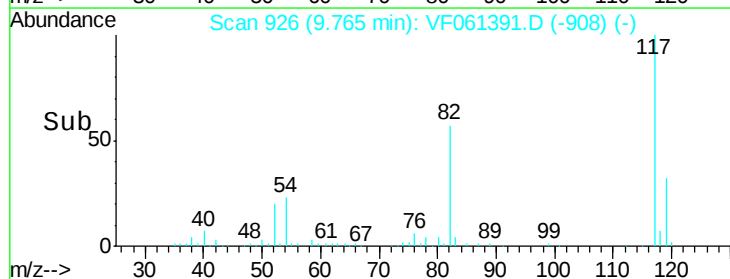
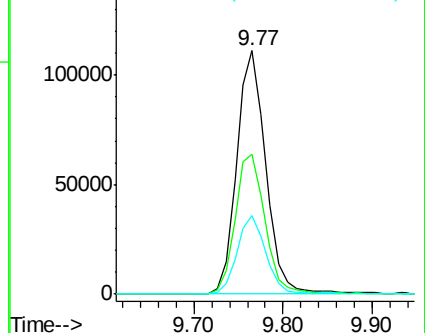
119 32.1 25.4 38.0

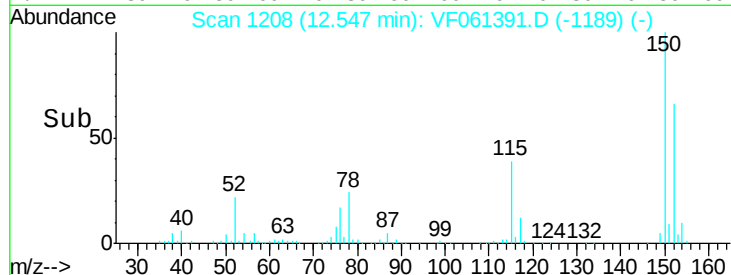
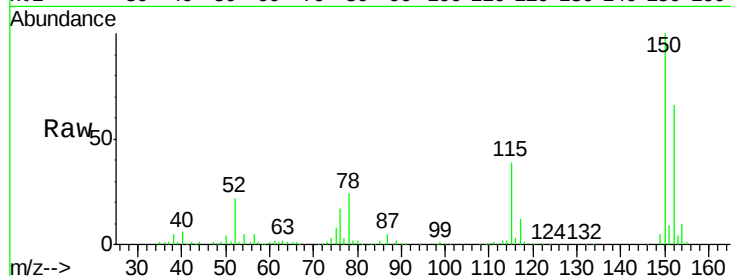
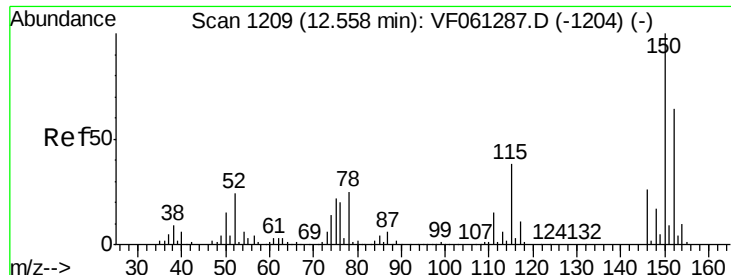


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF061391.D
 Acq: 14 Jan 2019 16:07

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200053

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.9
150	151.0	0.0	315.4

