

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061958.D
 Acq On : 15 Mar 2019 13:48
 Operator : VA/AP
 Sample : K1928-01
 Misc : 5.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-7(1.5-2)

Quant Time: Mar 15 23:43:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

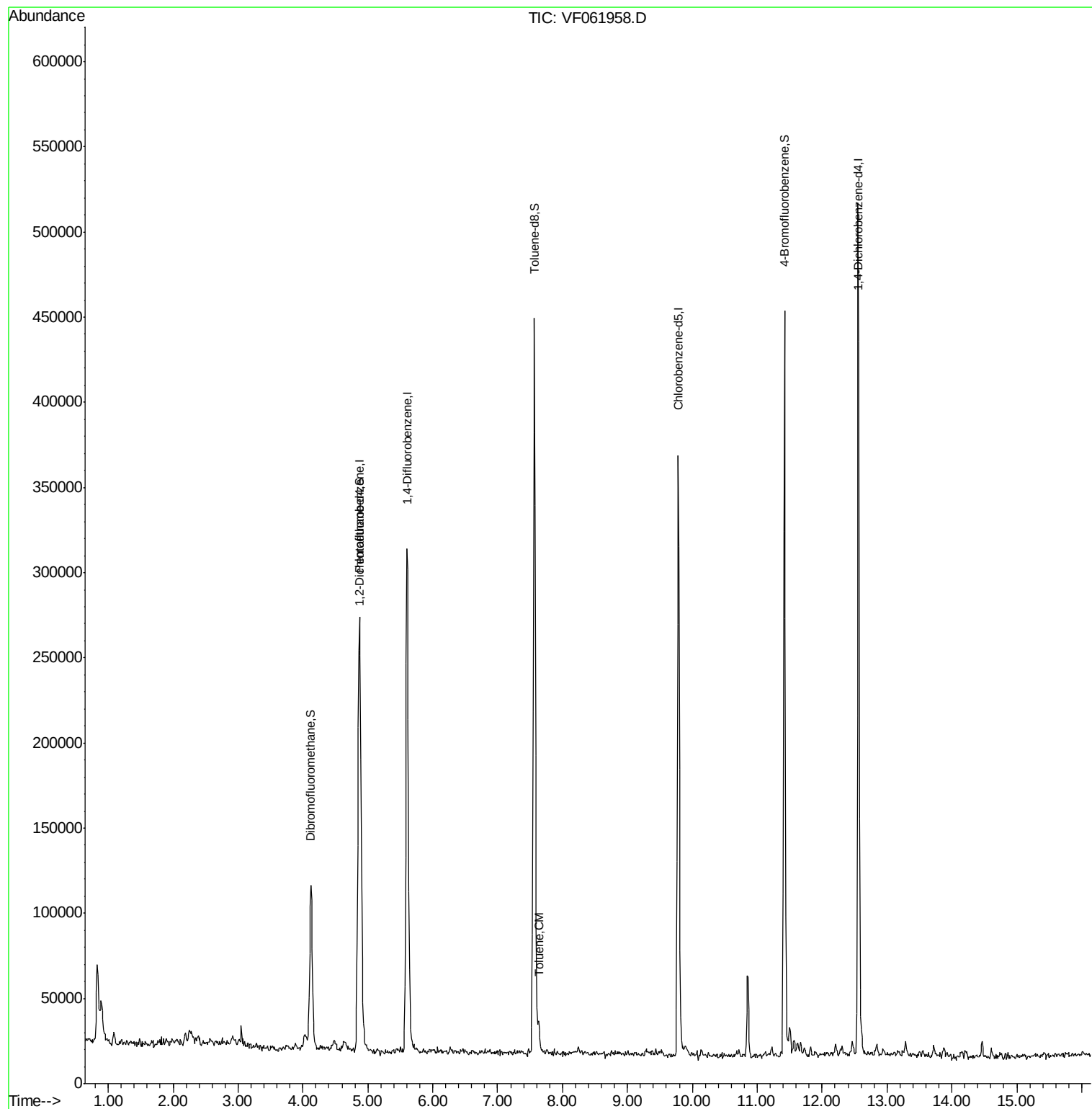
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	220524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	370882	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	283898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	144217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	109163	67.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.94%	
35) Dibromofluoromethane	4.12	113	94200	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
50) Toluene-d8	7.56	98	386564	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.42	95	163992	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
Target Compounds						
52) Toluene	7.63	92	8487	1.567	ug/l	Qvalue 98

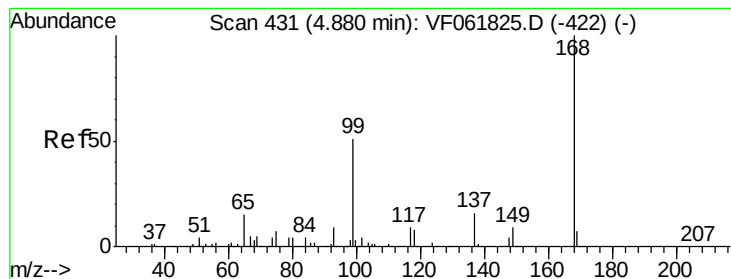
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061958.D

Acq: 15 Mar 2019 13:48

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MSVOA_F

ClientSampleId :

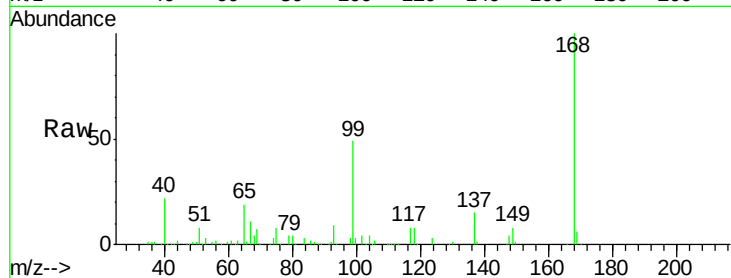
SB-MW-7(1.5-2)

Tot Ion:168 Resp: 220524

Ion Ratio Lower Upper

168 100

99 49.1 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

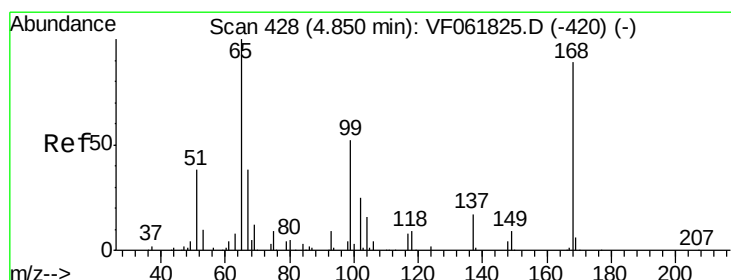
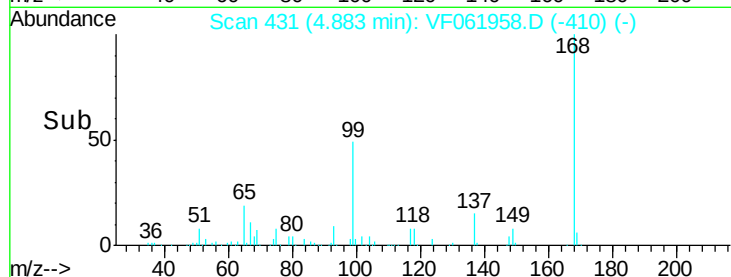
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 67.974 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF061958.D

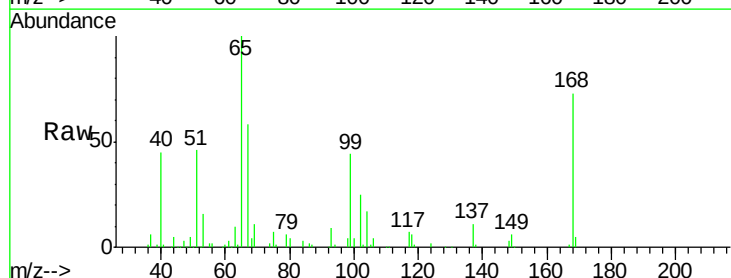
Acq: 15 Mar 2019 13:48

Tgt Ion: 65 Resp: 109163

Ion Ratio Lower Upper

65 100

67 58.2 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

40000

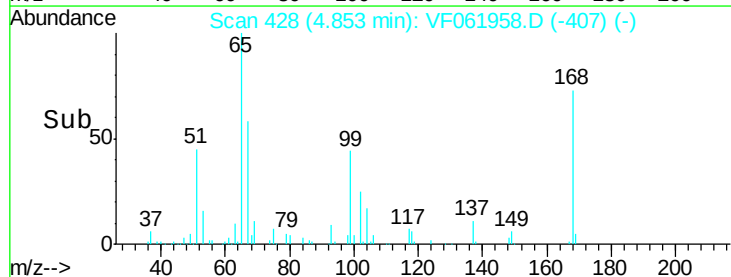
30000

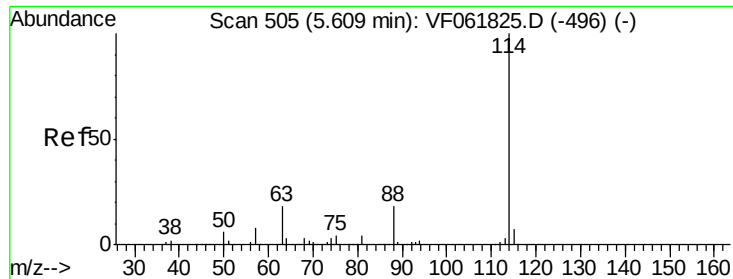
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

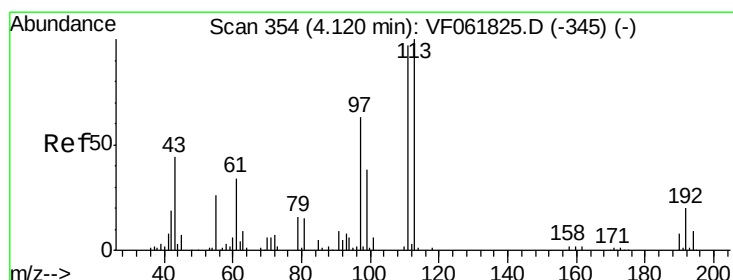
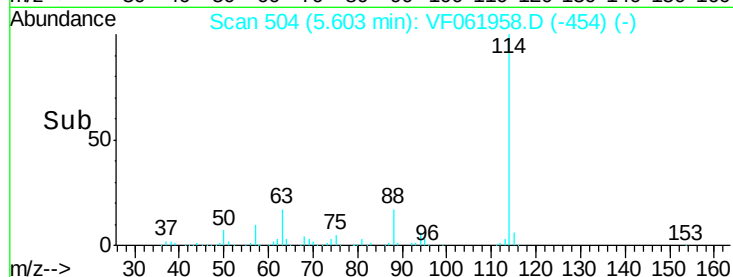
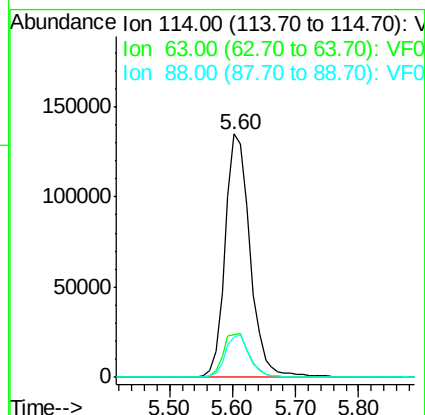
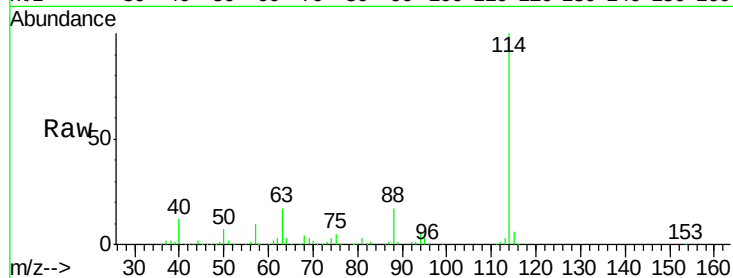




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061958.D
 Acq: 15 Mar 2019 13:48

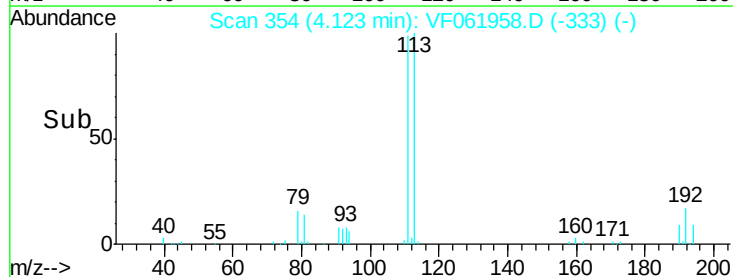
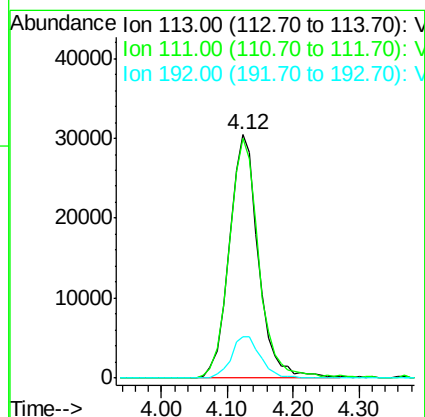
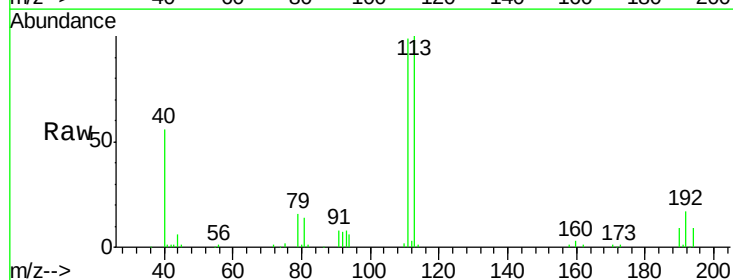
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-7(1.5-2)

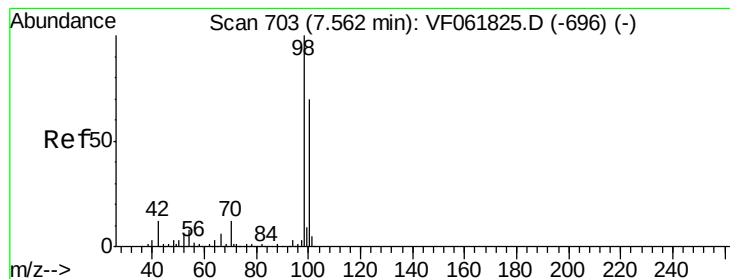
Tot Ion:114 Resp: 370882
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 16.6 0.0 35.6



#35
 Dibromofluoromethane
 Concen: 36.395 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VF061958.D
 Acq: 15 Mar 2019 13:48

Tgt Ion:113 Resp: 94200
 Ion Ratio Lower Upper
 113 100
 111 98.5 77.6 116.4
 192 17.5 15.9 23.9





#50

Toluene-d8

Concen: 50.248 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061958.D

Acq: 15 Mar 2019 13:48

Instrument :

MSVOA_F

ClientSampleId :

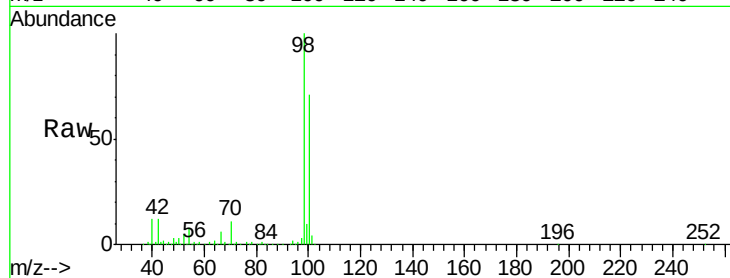
SB-MW-7(1.5-2)

Tot Ion: 98 Resp: 386564

Ion Ratio Lower Upper

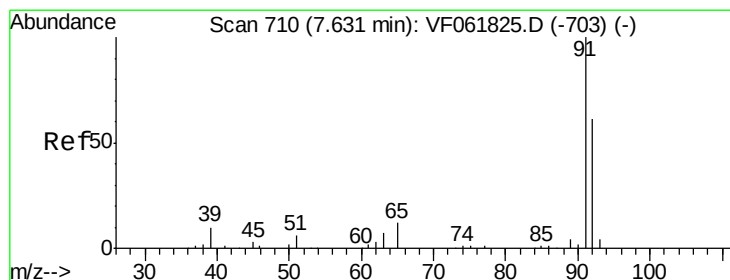
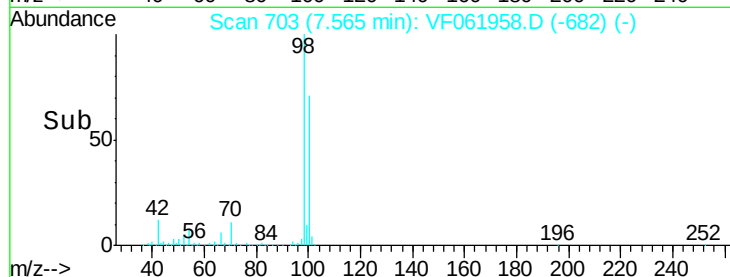
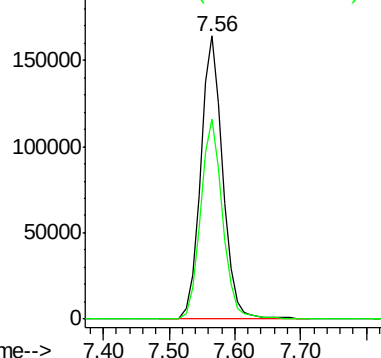
98 100

100 70.6 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 1.567 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF061958.D

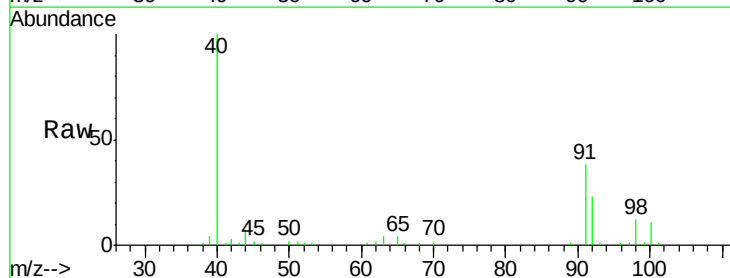
Acq: 15 Mar 2019 13:48

Tgt Ion: 92 Resp: 8487

Ion Ratio Lower Upper

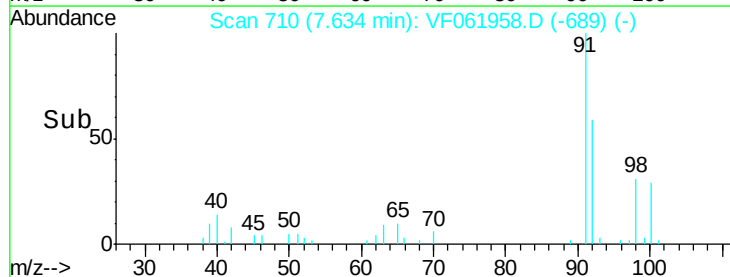
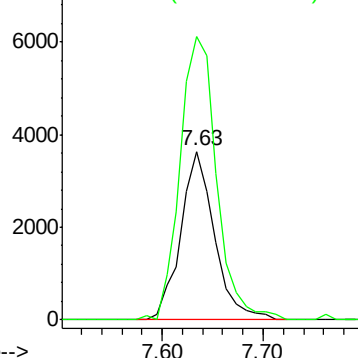
92 100

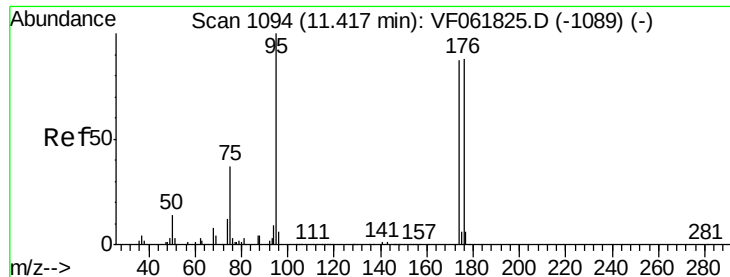
91 168.2 132.0 198.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#62

4-Bromofluorobenzene

Concen: 54.418 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061958.D

Acq: 15 Mar 2019 13:48

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-7(1.5-2)

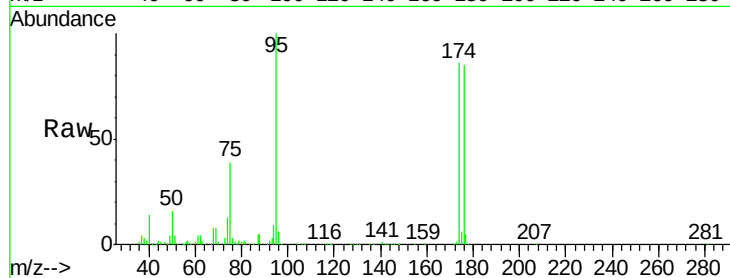
Tot Ion: 95 Resp: 163992

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.0

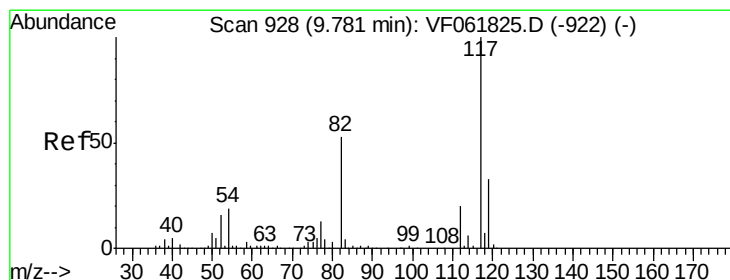
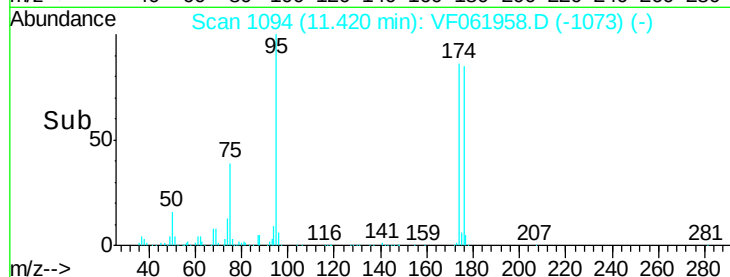
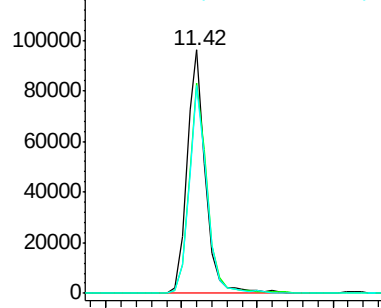
176 85.1 0.0 175.2



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: 9.78 min Scan# 928

Delta R.T. 0.00 min

Lab File: VF061958.D

Acq: 15 Mar 2019 13:48

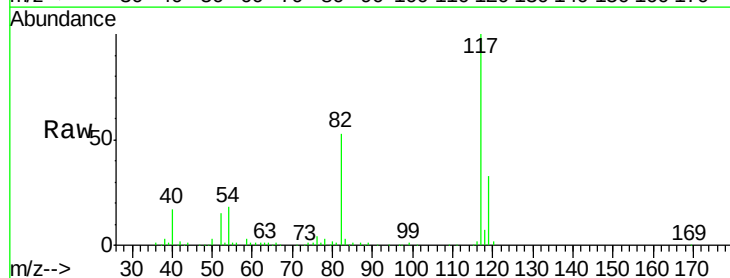
Tgt Ion: 117 Resp: 283898

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

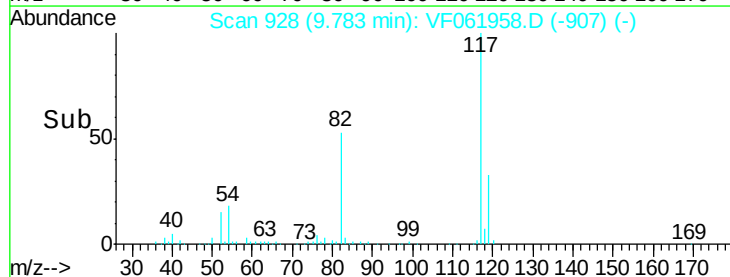
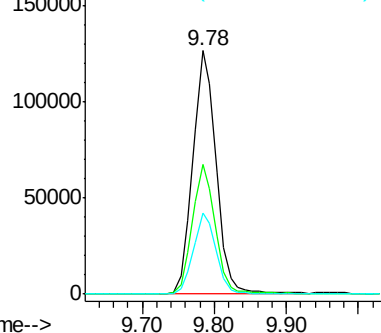
119 33.4 26.0 39.0

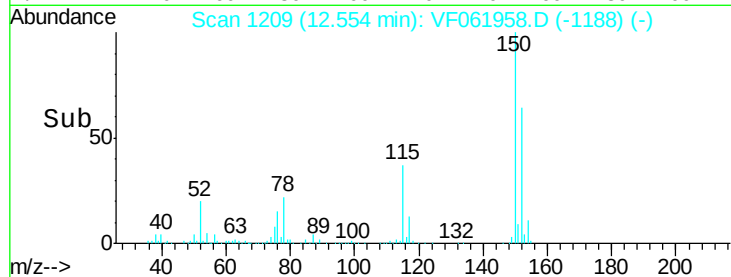
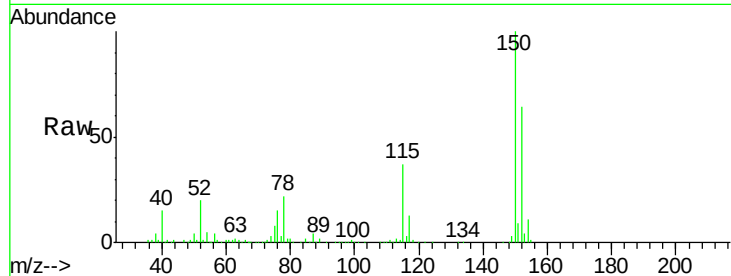
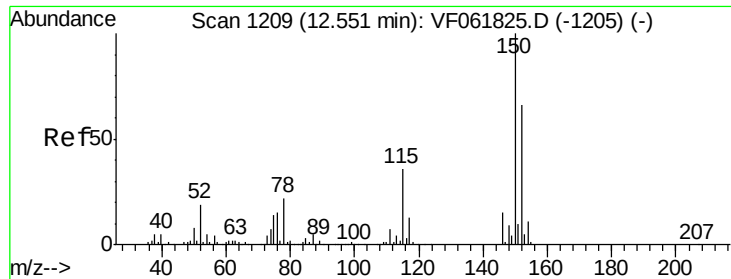


Abundance Ion 117.00 (116.70 to 117.70): VF0

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# 1209

Delta R.T. 0.00 min

Lab File: VF061958.D

Acq: 15 Mar 2019 13:48

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-7(1.5-2)

Tot Ion:152 Resp: 144217

Ion Ratio Lower Upper

152 100

115 57.6 27.7 83.1

150 156.3 0.0 304.2

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

