

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061938.D
 Acq On : 14 Mar 2019 14:50
 Operator : VA/AP
 Sample : VF0314SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0314SBL01

Quant Time: Mar 15 01:38:53 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	4.86	168	313895	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	461904	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	392779	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	226643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	119891	52.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	4.10	113	176474	54.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	7.55	98	479245	50.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.41	95	204920	54.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.20%	

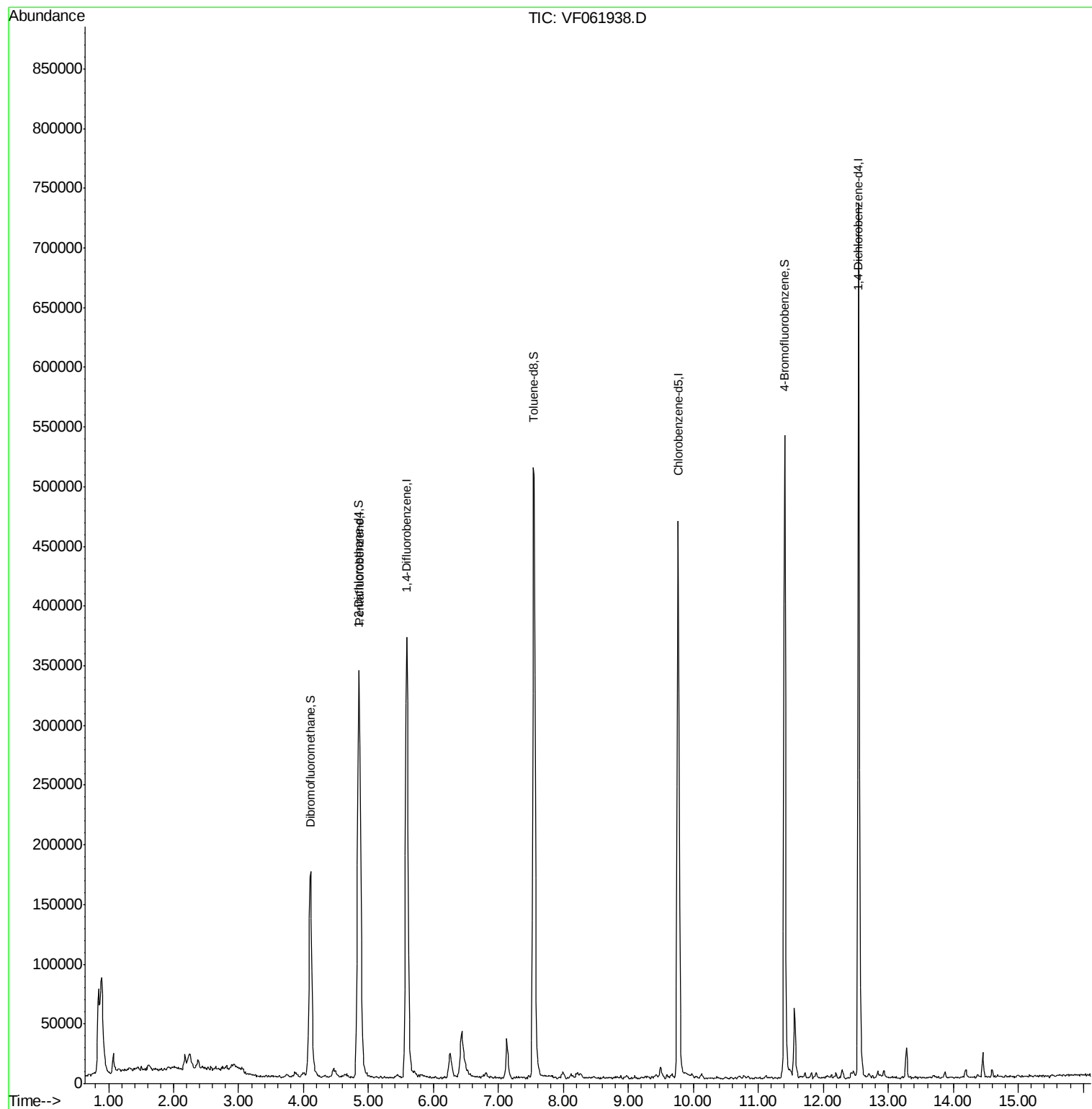
Target Compounds	Qvalue

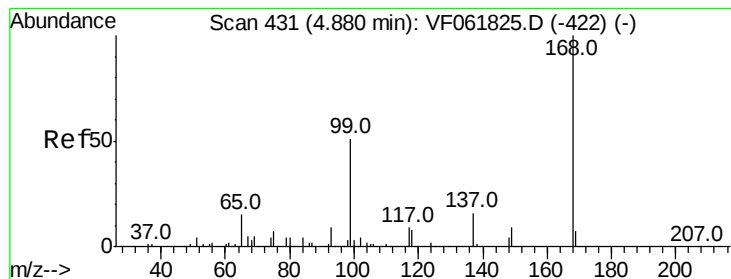
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061938.D

Acq: 14 Mar 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

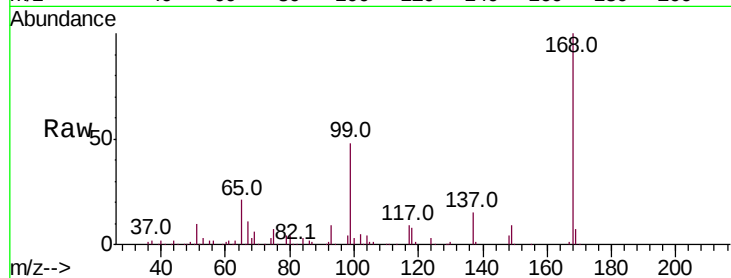
VF0314SBL01

Tot Ion:168 Resp: 313895

Ion Ratio Lower Upper

168 100

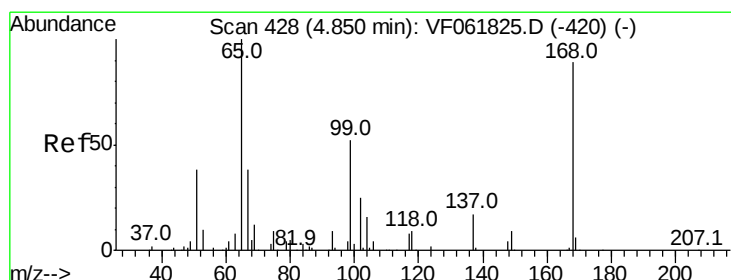
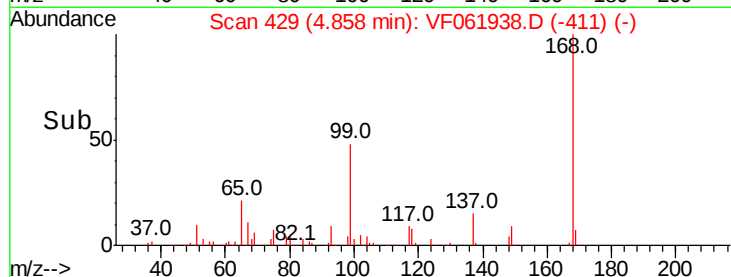
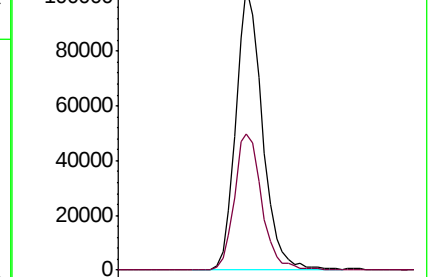
99 48.1 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86



#33

1,2-Dichloroethane-d4

Concen: 52.447 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061938.D

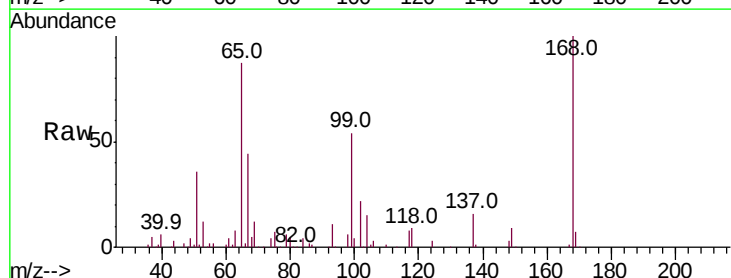
Acq: 14 Mar 2019 14:50

Tgt Ion: 65 Resp: 119891

Ion Ratio Lower Upper

65 100

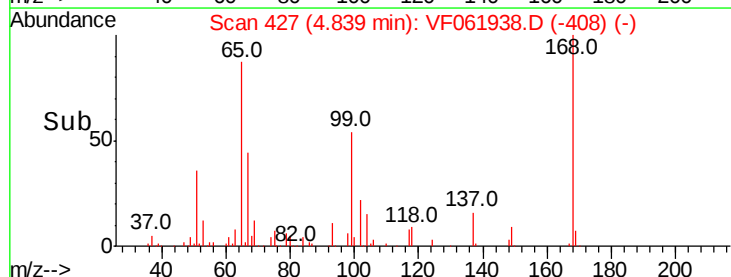
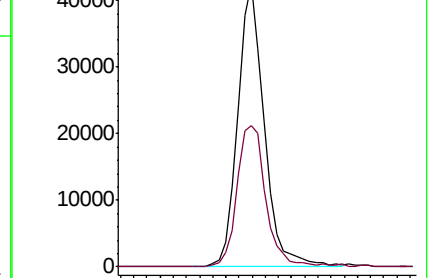
67 50.1 0.0 108.6

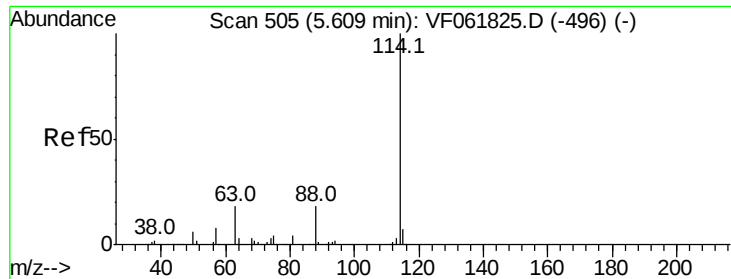


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

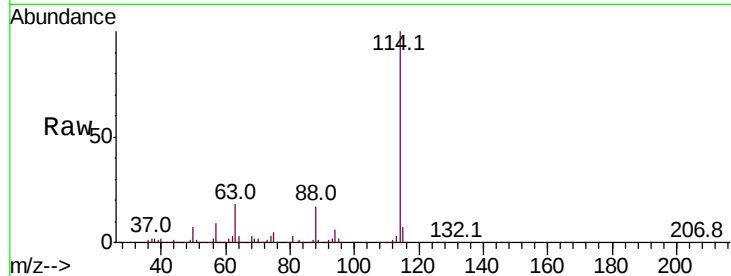




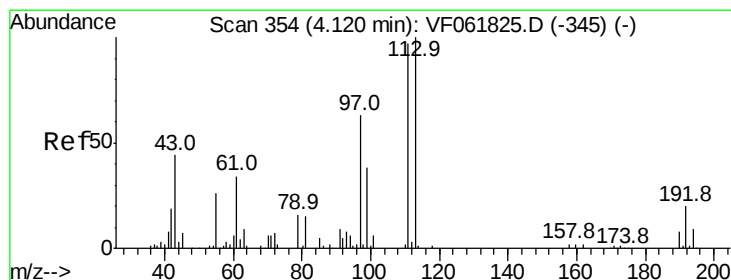
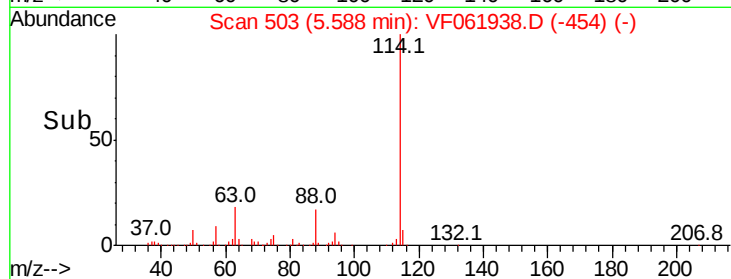
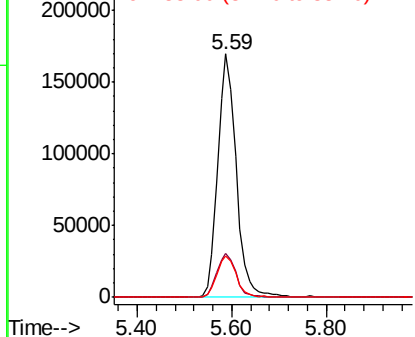
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061938.D
 Acq: 14 Mar 2019 14:50

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0314SBL01

Tot Ion:114 Resp: 461904
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 17.2 0.0 35.6

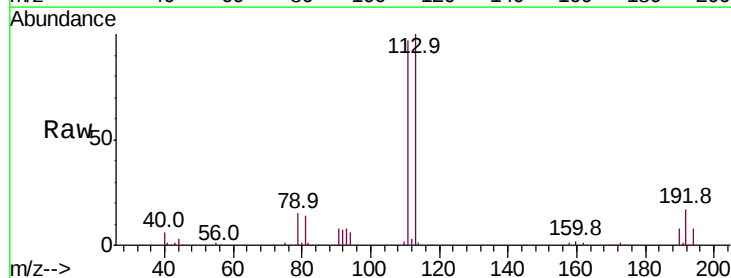


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

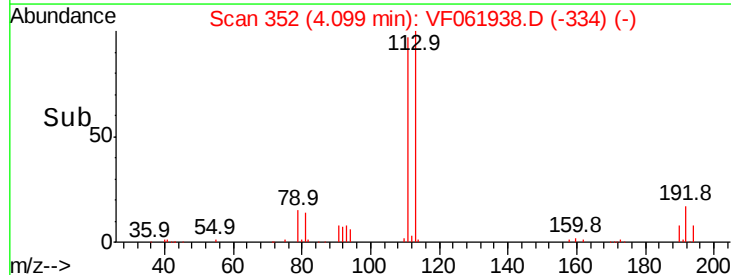
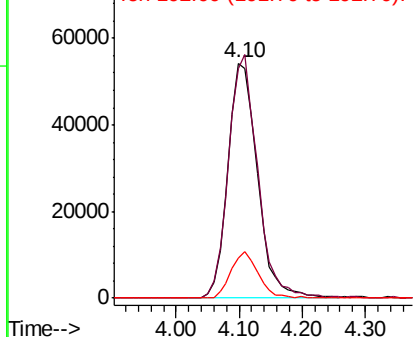


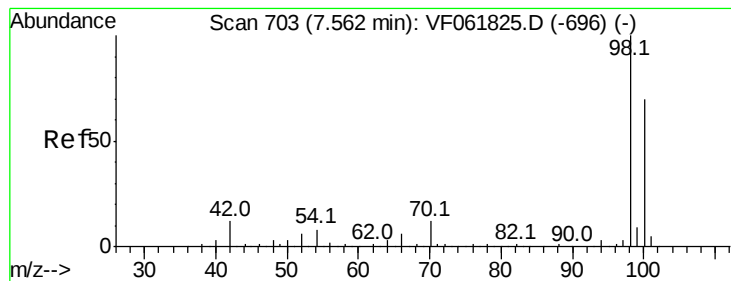
#35
 Dibromofluoromethane
 Concen: 54.746 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061938.D
 Acq: 14 Mar 2019 14:50

Tgt Ion:113 Resp: 176474
 Ion Ratio Lower Upper
 113 100
 111 97.4 77.6 116.4
 192 17.3 15.9 23.9



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: 50.019 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061938.D

Acq: 14 Mar 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

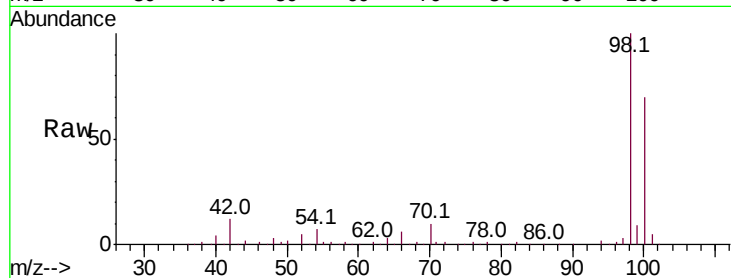
VF0314SBL01

Tot Ion: 98 Resp: 479245

Ion Ratio Lower Upper

98 100

100 69.9 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

200000

150000

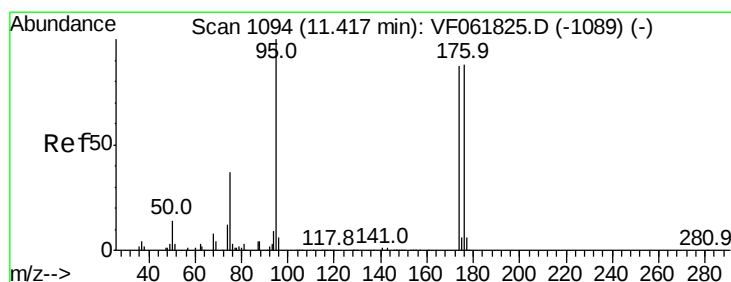
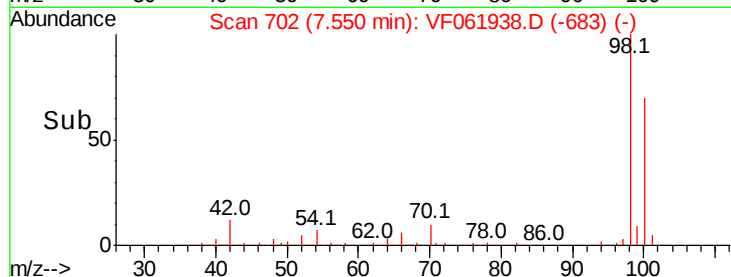
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 54.599 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061938.D

Acq: 14 Mar 2019 14:50

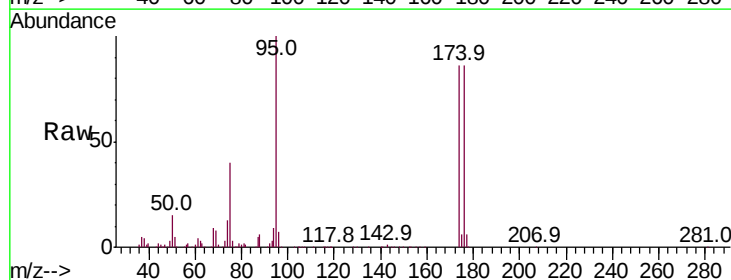
Tgt Ion: 95 Resp: 204920

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.0

176 85.6 0.0 175.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

150000

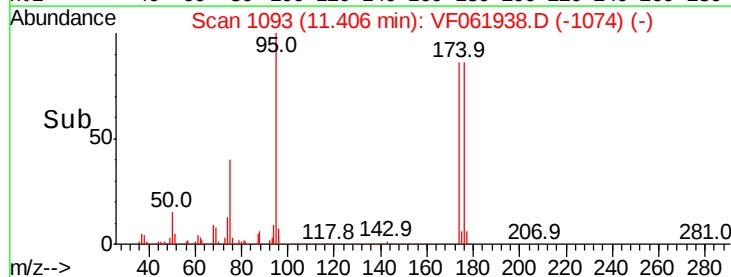
100000

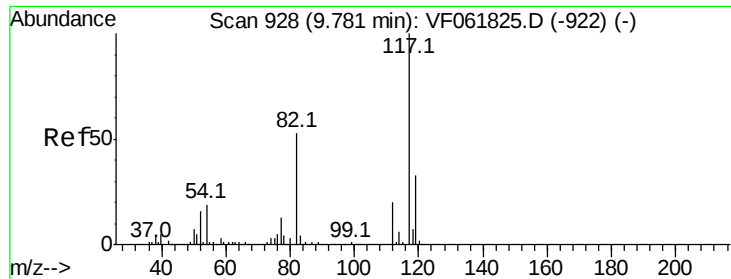
50000

0

11.30 11.40 11.50

Time-->

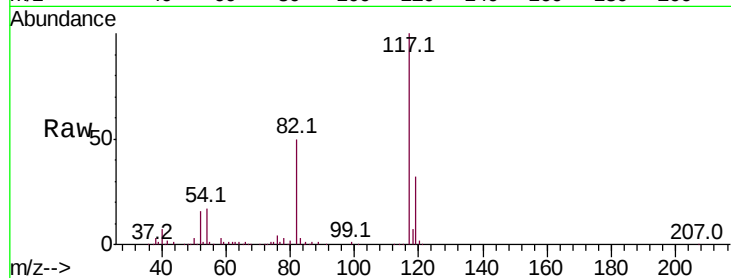




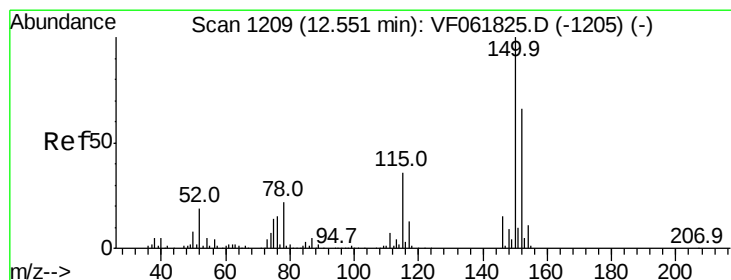
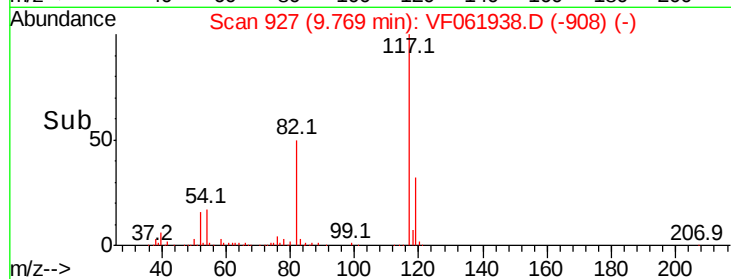
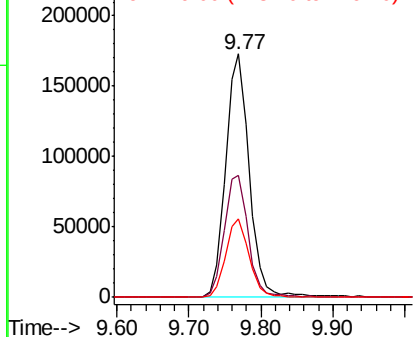
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061938.D
Acq: 14 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0314SBL01

Tot Ion:117 Resp: 392779
Ion Ratio Lower Upper
117 100
82 50.2 42.6 63.8
119 32.5 26.0 39.0

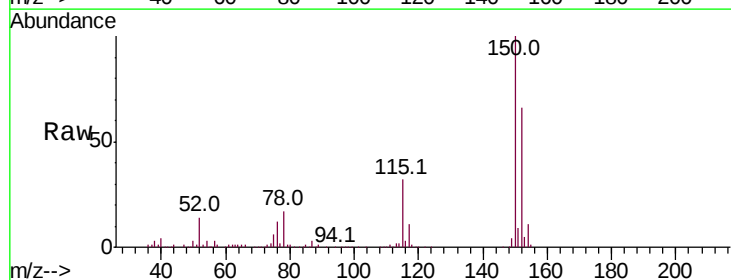


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061938.D
Acq: 14 Mar 2019 14:50

Tgt Ion:152 Resp: 226643
Ion Ratio Lower Upper
152 100
115 48.1 27.7 83.1
150 151.9 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

