

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061884.D
 Acq On : 11 Mar 2019 12:30
 Operator : VA/AP
 Sample : VF0311SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0311SBL01

Quant Time: Mar 12 05:24:13 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	315910	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	456118	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	355578	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	221029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113912	49.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	4.11	113	162674	51.11	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	7.55	98	409601	43.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	86.58%	
62) 4-Bromofluorobenzene	11.41	95	184969	49.91	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.82%	

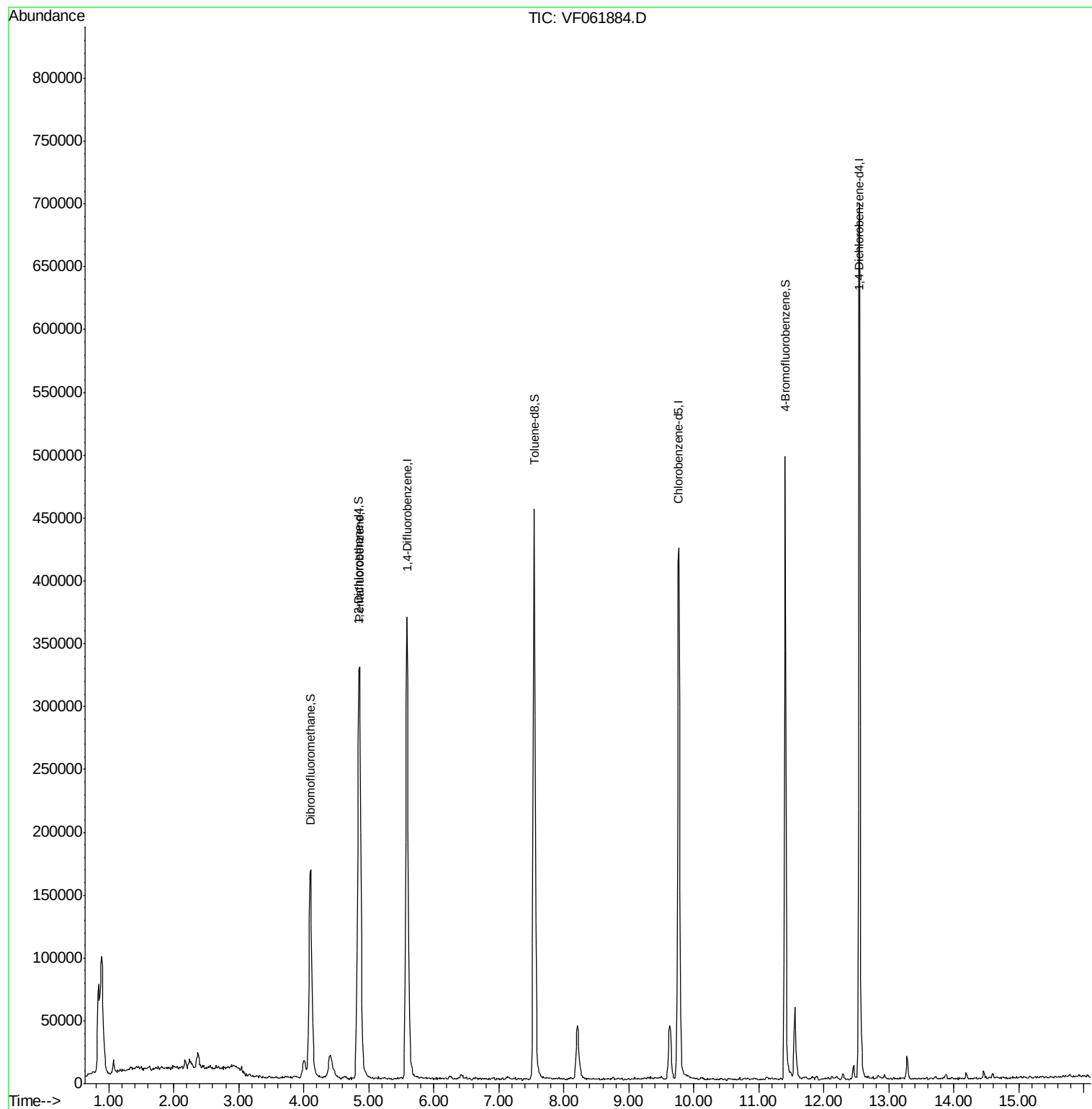
Target Compounds	Qvalue

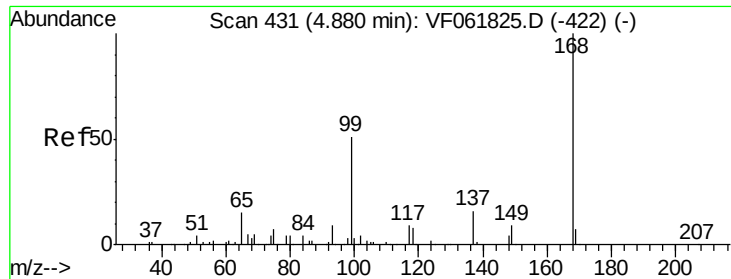
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031119\
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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: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061884.D

Acq: 11 Mar 2019 12:30

Instrument :

MSVOA_F

ClientSampleId :

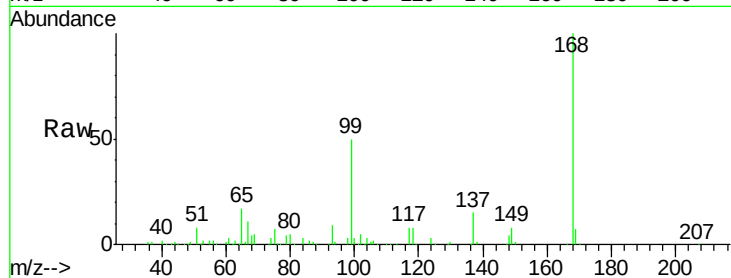
VF0311SBL01

Tot Ion:168 Resp: 315910

Ion Ratio Lower Upper

168 100

99 49.8 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

100000

80000

60000

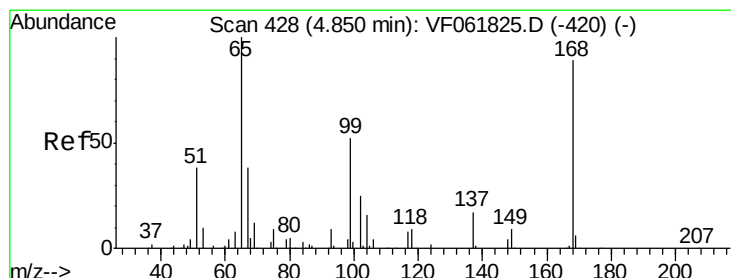
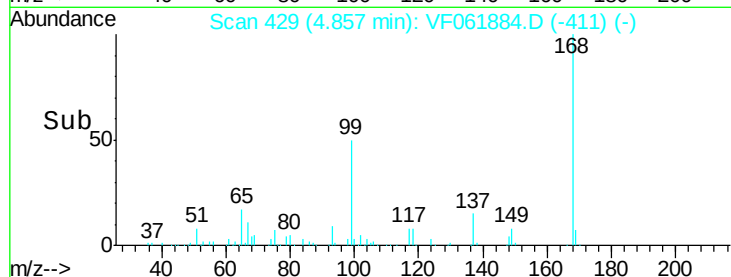
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.514 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061884.D

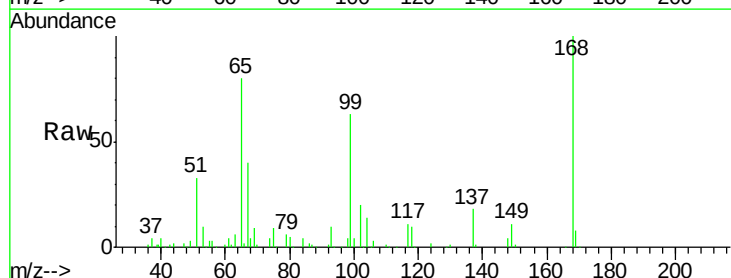
Acq: 11 Mar 2019 12:30

Tgt Ion: 65 Resp: 113912

Ion Ratio Lower Upper

65 100

67 49.6 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

40000

30000

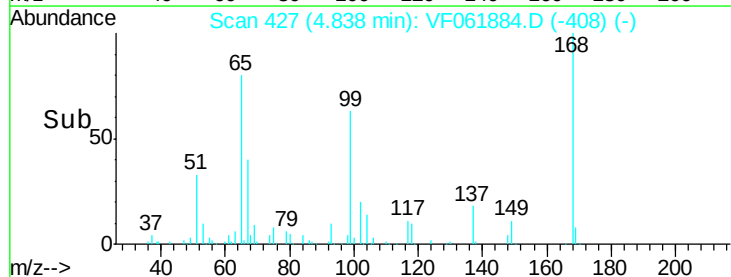
20000

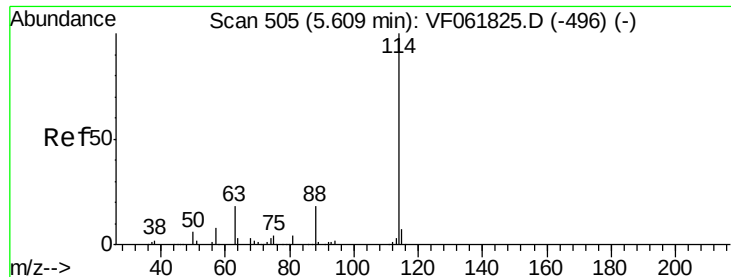
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061884.D

Acq: 11 Mar 2019 12:30

Instrument :

MSVOA_F

ClientSampleId :

VF0311SBL01

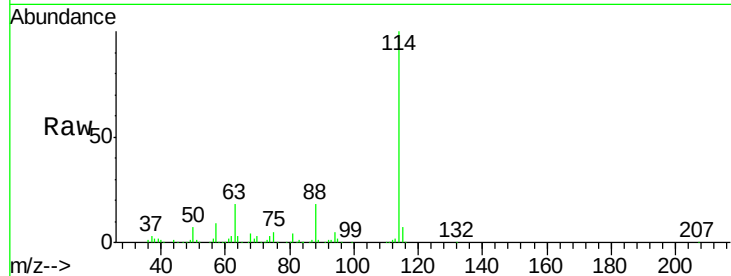
Tot Ion:114 Resp: 456118

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

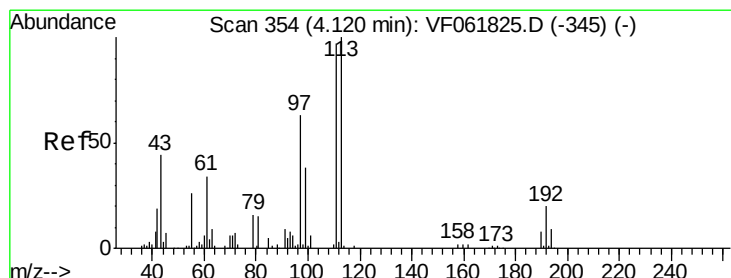
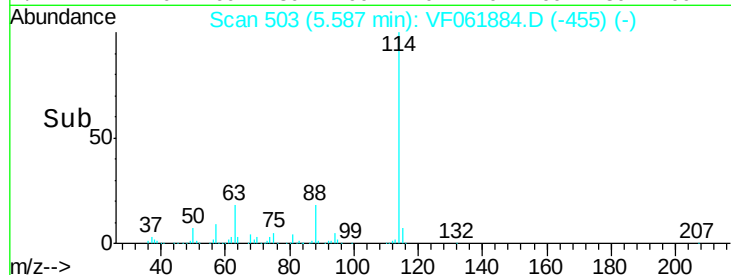
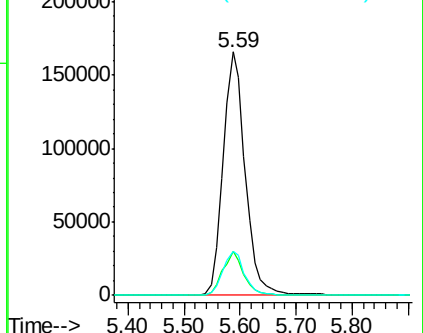
88 18.0 0.0 35.6



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: 51.105 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061884.D

Acq: 11 Mar 2019 12:30

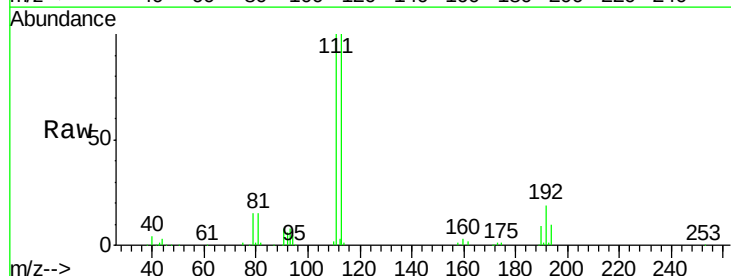
Tgt Ion:113 Resp: 162674

Ion Ratio Lower Upper

113 100

111 99.8 77.6 116.4

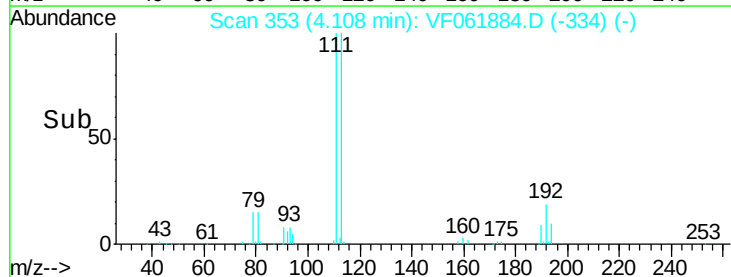
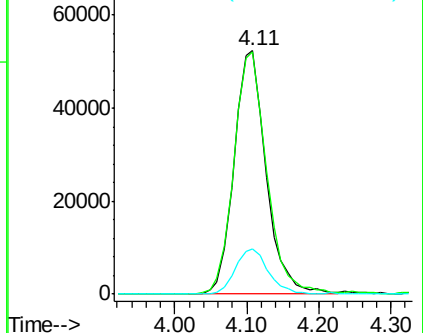
192 18.8 15.9 23.9

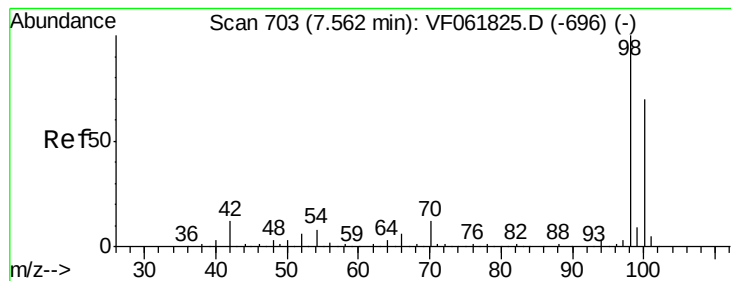


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.293 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061884.D

Acq: 11 Mar 2019 12:30

Instrument :

MSVOA_F

ClientSampleId :

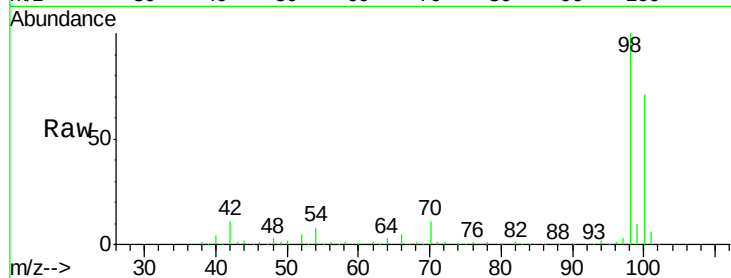
VF0311SBL01

Tot Ion: 98 Resp: 409601

Ion Ratio Lower Upper

98 100

100 71.5 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

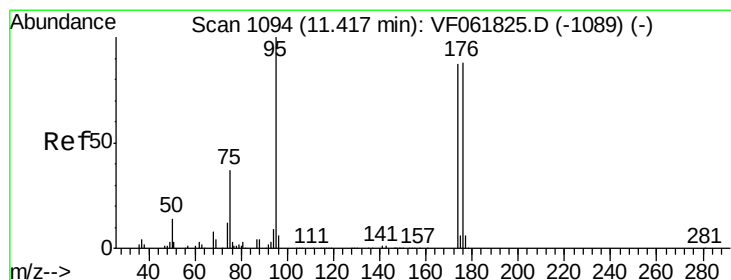
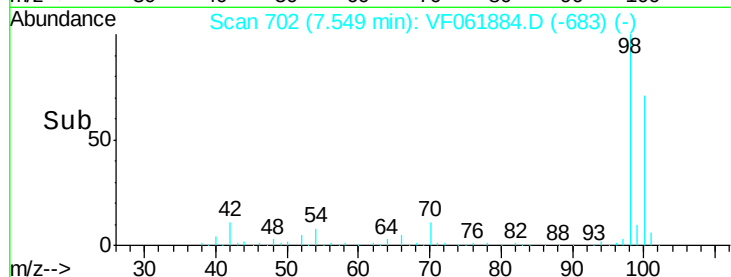
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.908 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061884.D

Acq: 11 Mar 2019 12:30

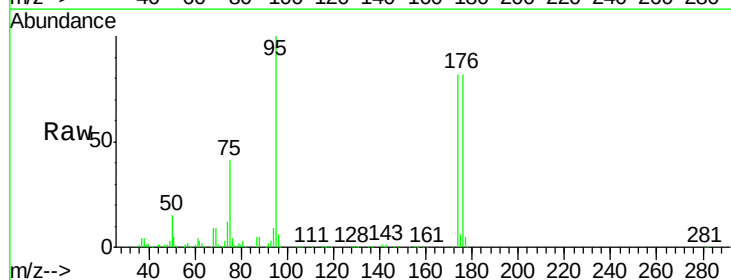
Tgt Ion: 95 Resp: 184969

Ion Ratio Lower Upper

95 100

174 82.5 0.0 174.0

176 81.8 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

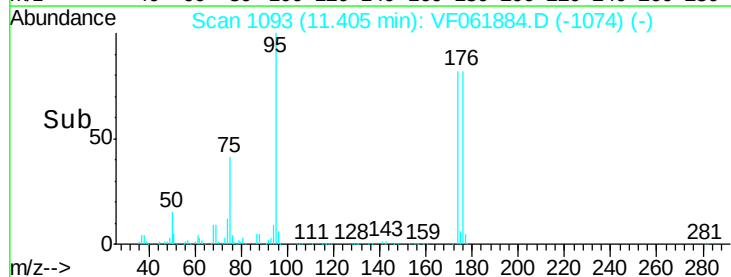
100000

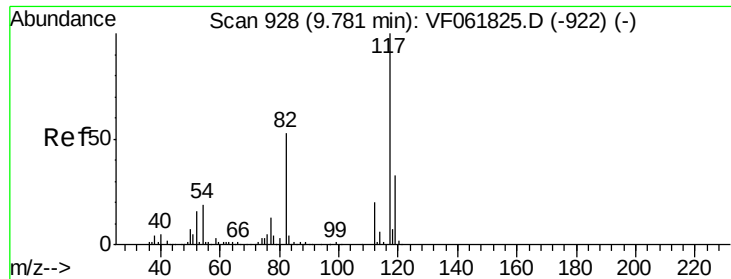
50000

0

11.30 11.40 11.50

Time-->

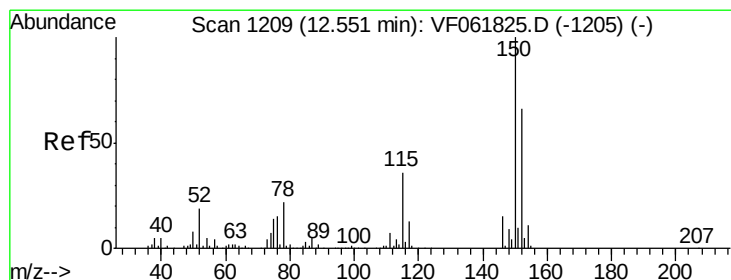
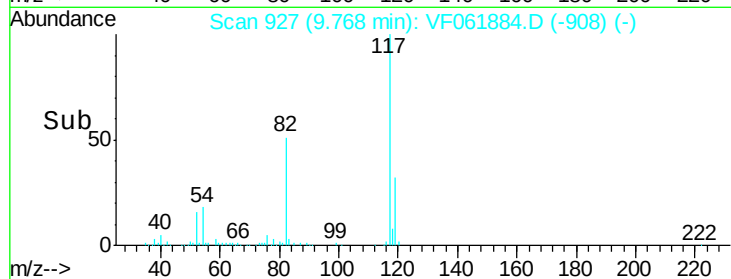
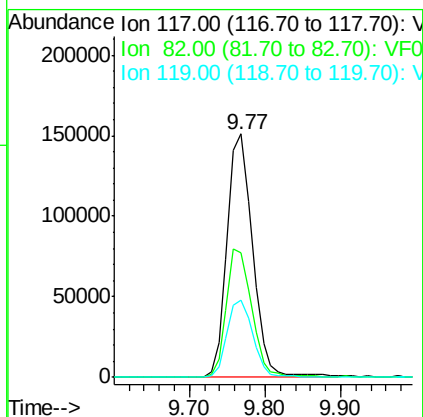
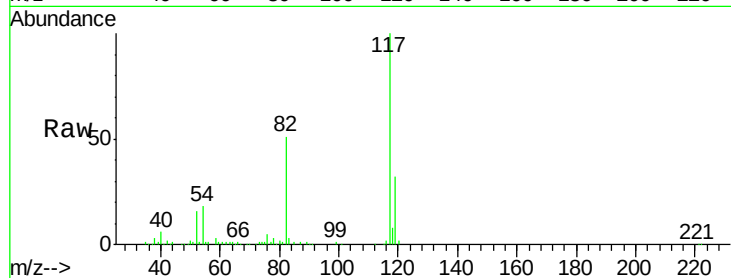




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061884.D
Acq: 11 Mar 2019 12:30

Instrument :
MSVOA_F
ClientSampleId :
VF0311SBL01

Tot Ion:117 Resp: 355578
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061884.D
Acq: 11 Mar 2019 12:30

Tgt Ion:152 Resp: 221029
Ion Ratio Lower Upper
152 100
115 46.6 27.7 83.1
150 142.7 0.0 304.2

