

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061414.D
 Acq On : 16 Jan 2019 16:12
 Operator : VA/AP
 Sample : VF0116SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0116SBL01

Quant Time: Jan 17 03:08:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	228607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	381376	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	353188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	195345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	134279	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
35) Dibromofluoromethane	4.10	113	159335	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	7.55	98	434874	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.40	95	207894	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

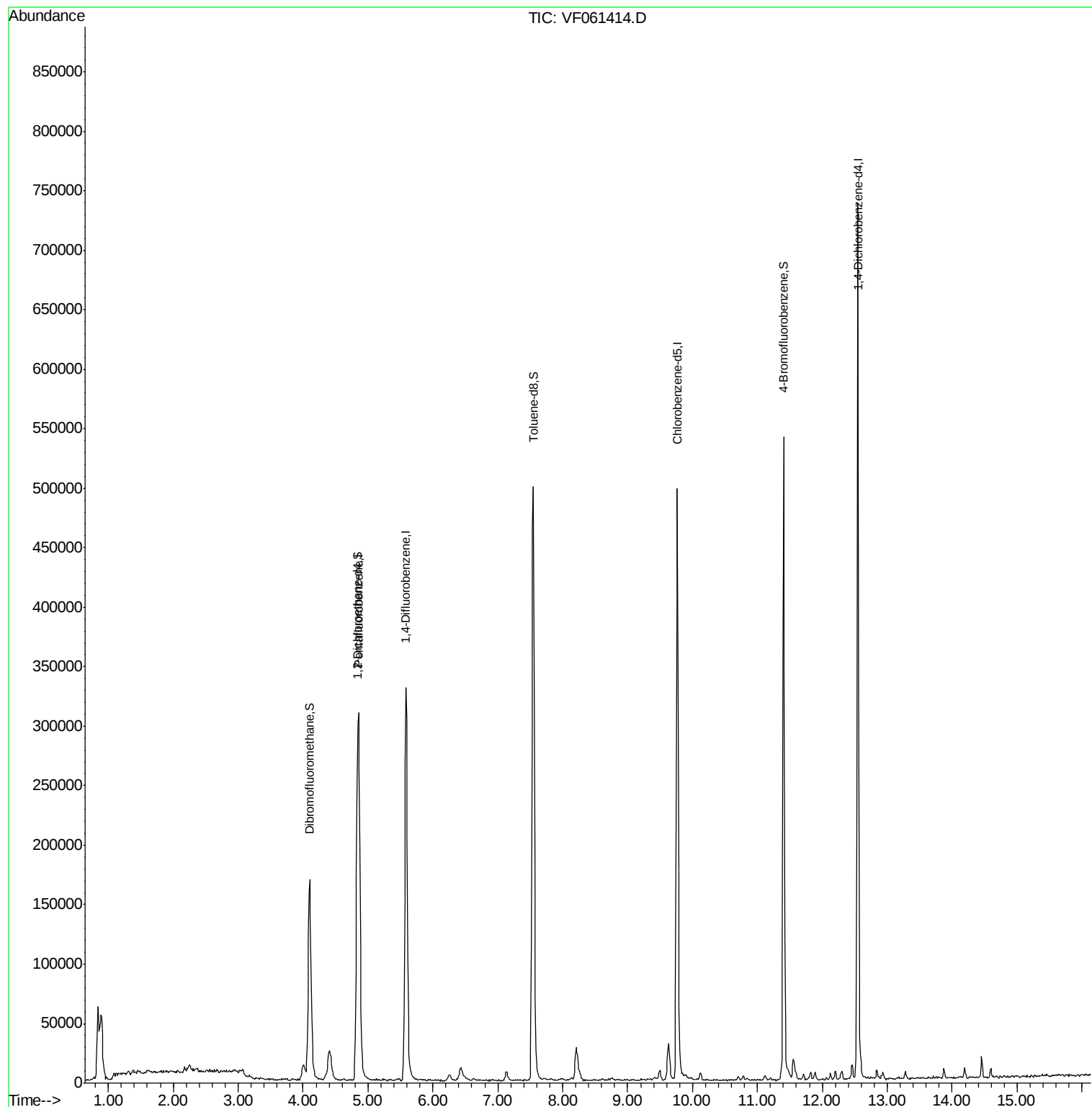
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061414.D

Acq: 16 Jan 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

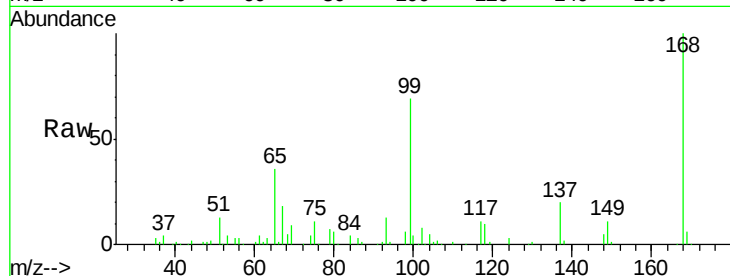
VF0116SBL01

Tot Ion:168 Resp: 228607

Ion Ratio Lower Upper

168 100

99 69.4 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

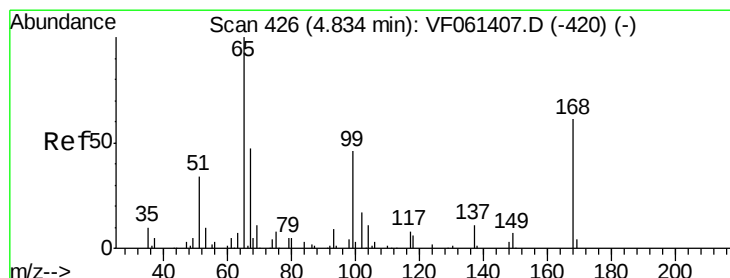
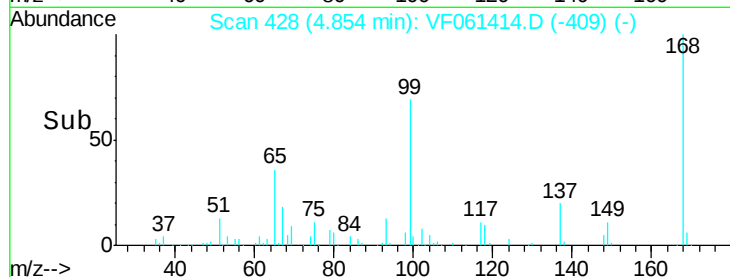
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.575 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061414.D

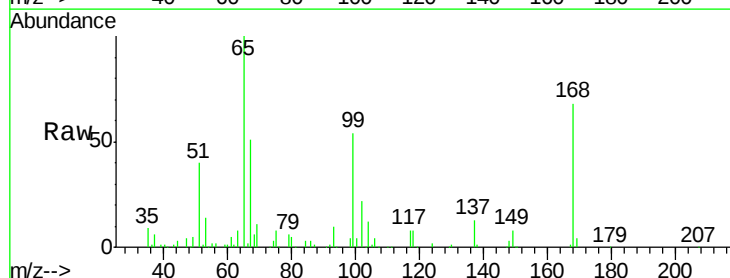
Acq: 16 Jan 2019 16:12

Tgt Ion: 65 Resp: 134279

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

30000

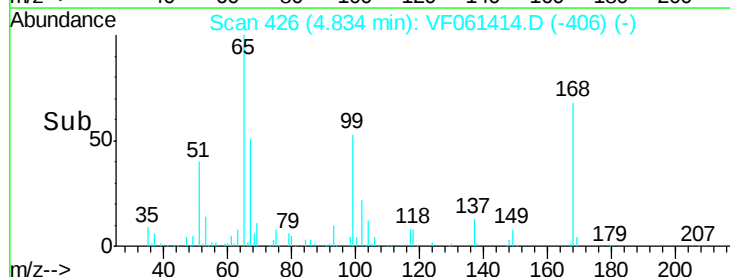
20000

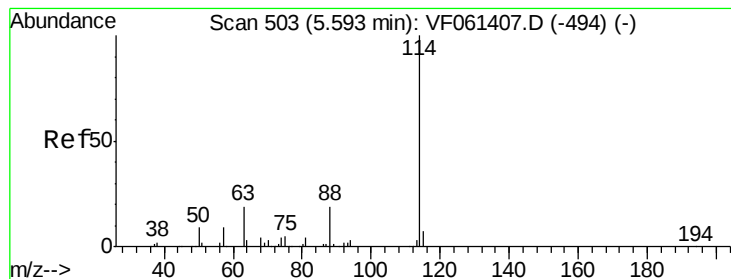
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061414.D

Acq: 16 Jan 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

VF0116SBL01

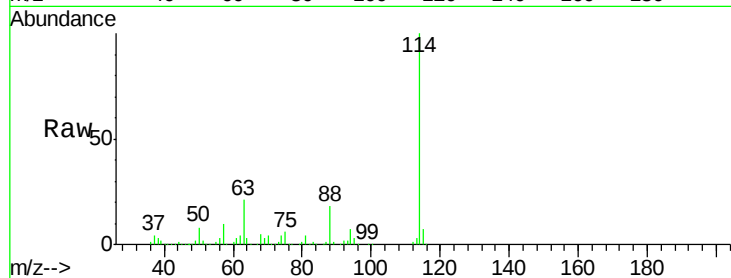
Tot Ion:114 Resp: 381376

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

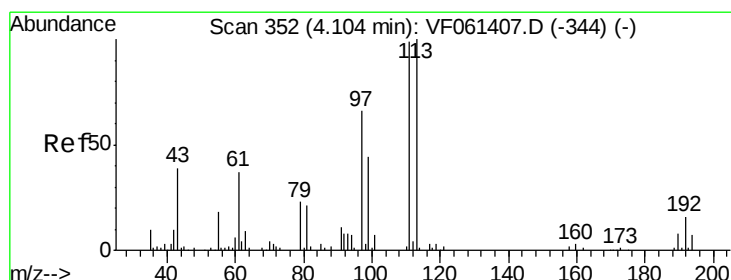
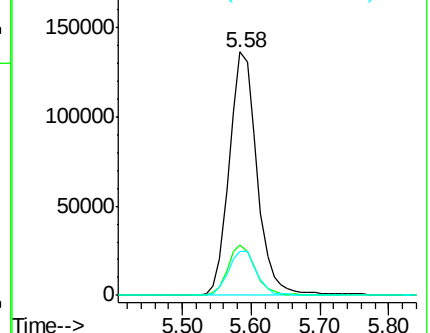
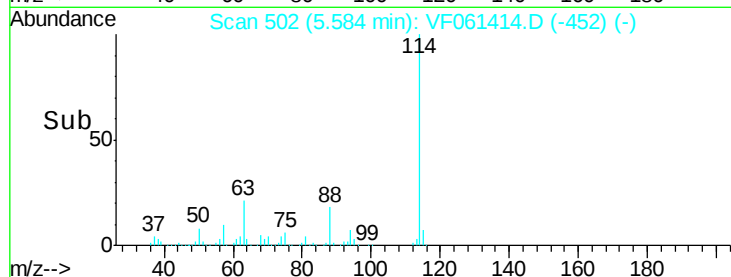
88 18.3 0.0 37.4



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: 52.946 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061414.D

Acq: 16 Jan 2019 16:12

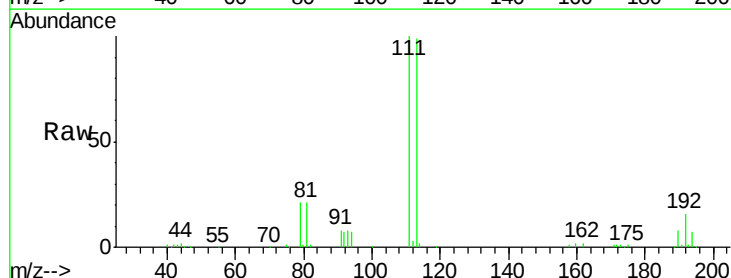
Tgt Ion:113 Resp: 159335

Ion Ratio Lower Upper

113 100

111 100.9 79.4 119.0

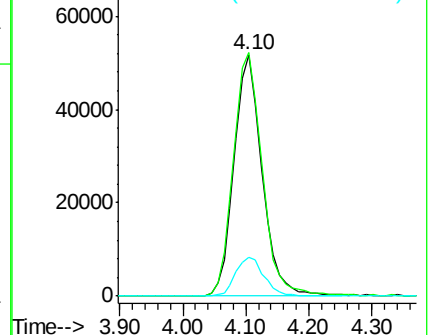
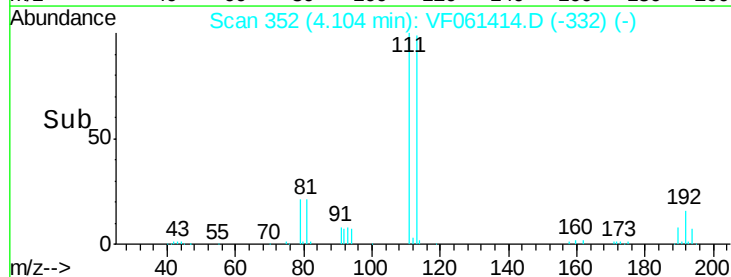
192 16.2 12.4 18.6

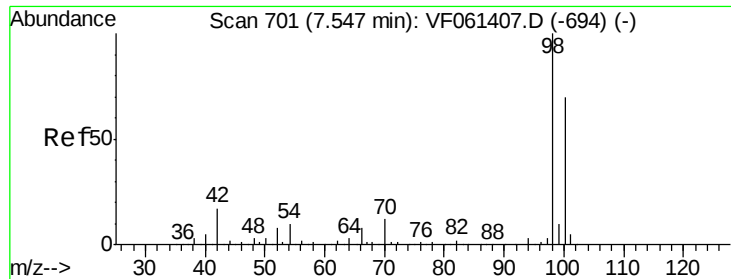


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 52.743 ug/l

RT: 7.55 min Scan# 701

Delta R.T. 0.00 min

Lab File: VF061414.D

Acq: 16 Jan 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

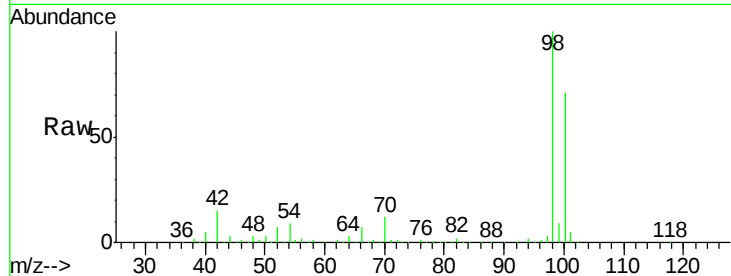
VF0116SBL01

Tot Ion: 98 Resp: 434874

Ion Ratio Lower Upper

98 100

100 70.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

200000

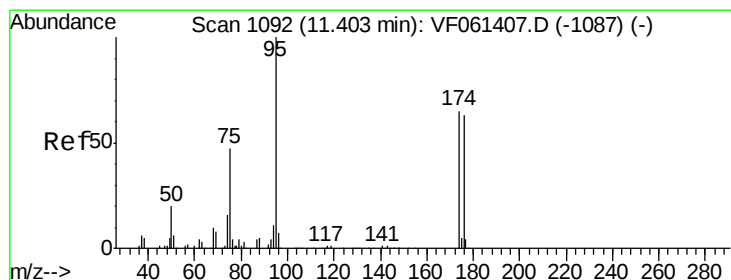
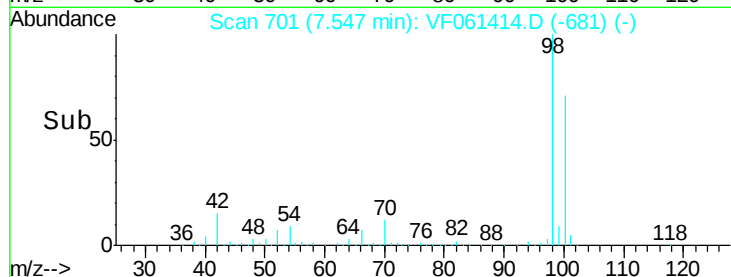
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.965 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061414.D

Acq: 16 Jan 2019 16:12

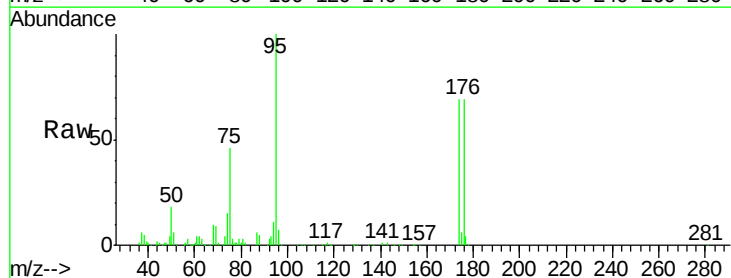
Tgt Ion: 95 Resp: 207894

Ion Ratio Lower Upper

95 100

174 68.9 0.0 130.4

176 68.6 0.0 126.2



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

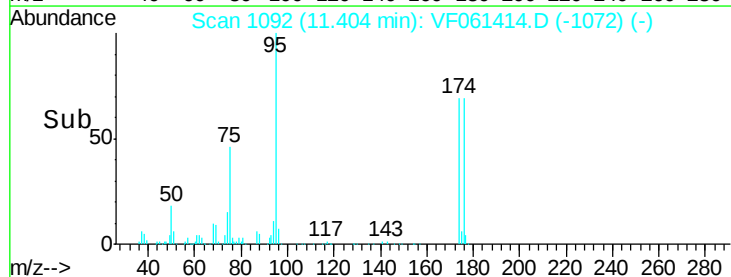
150000

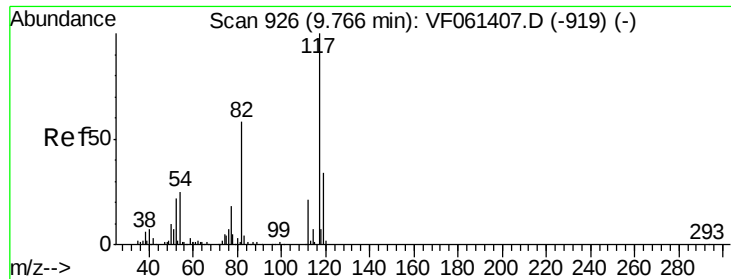
100000

50000

0

Time-->

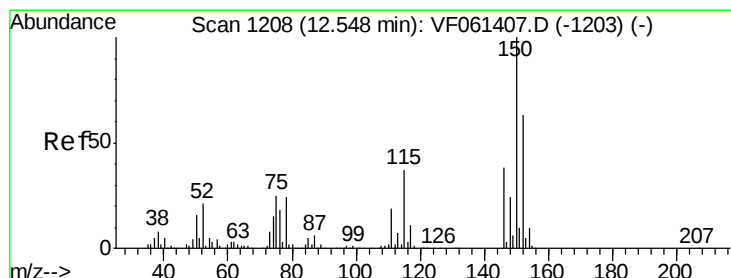
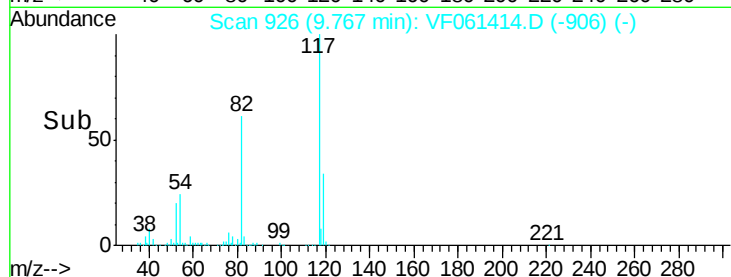
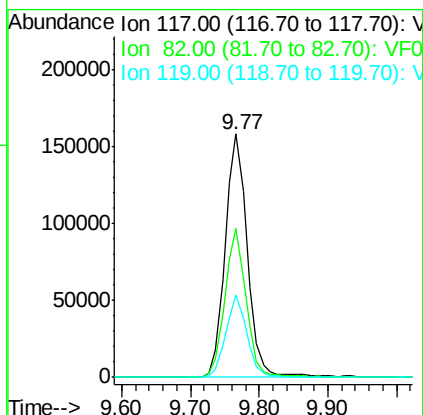
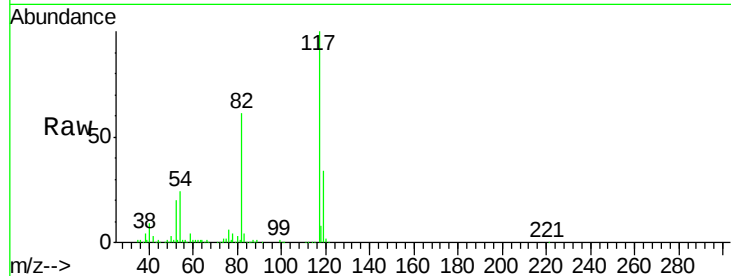




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: VF061414.D
Acq: 16 Jan 2019 16:12

Instrument :
MSVOA_F
ClientSampleId :
VF0116SBL01

Tot Ion	117	Resp	353188
Ion Ratio	Lower	Upper	
117	100		
82	61.2	46.4	69.6
119	34.0	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061414.D
Acq: 16 Jan 2019 16:12

Tgt Ion	152	Resp	195345
Ion Ratio	Lower	Upper	
152	100		
115	58.3	30.0	90.0
150	154.0	0.0	321.4

