

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111318\
 Data File : VF060714.D
 Acq On : 13 Nov 2018 16:05
 Operator : VA/AP
 Sample : VF1113SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1113SBL01

Quant Time: Nov 14 03:42:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	237884	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	403031	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	375511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	224706	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	126965	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	4.13	113	150958	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	7.56	98	397222	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.42	95	204126	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	

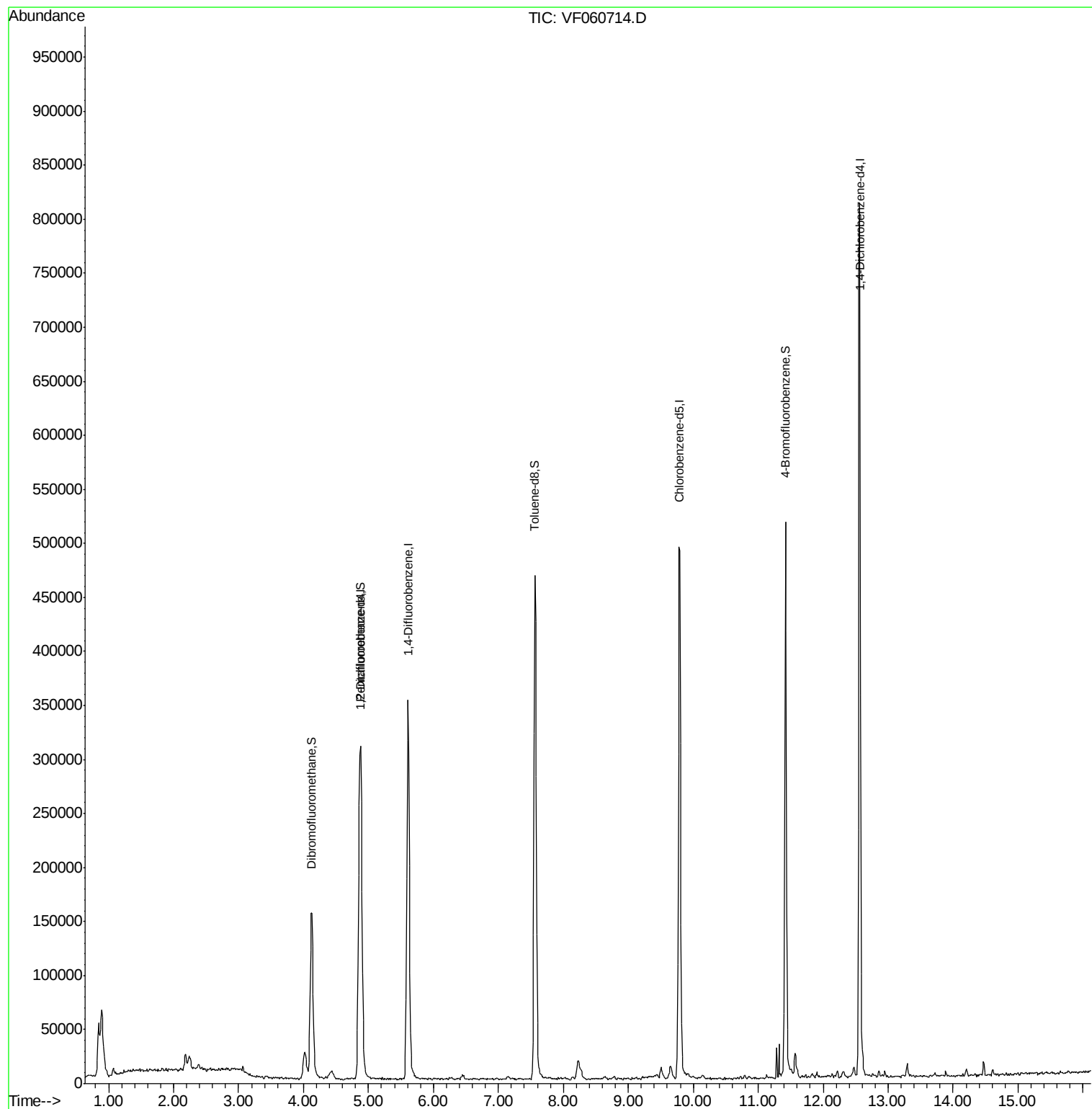
Target Compounds	Qvalue

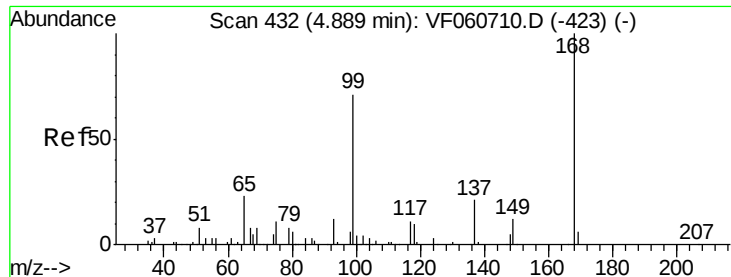
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111318\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060714.D

Acq: 13 Nov 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

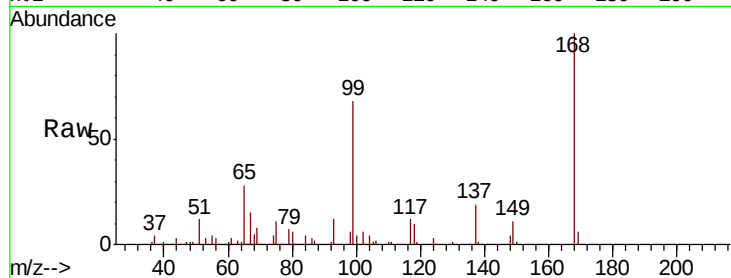
VF1113SBL01

Tot Ion:168 Resp: 237884

Ion Ratio Lower Upper

168 100

99 67.7 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

60000

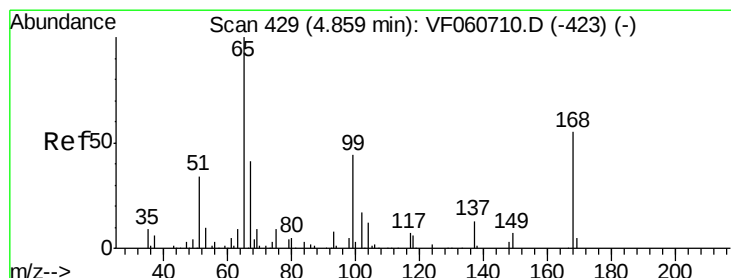
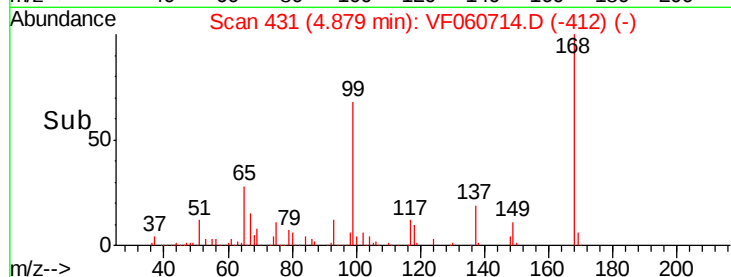
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 46.793 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF060714.D

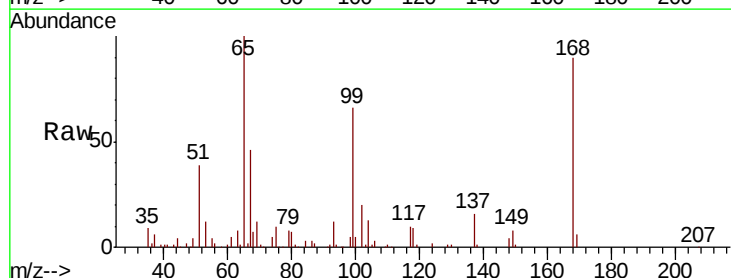
Acq: 13 Nov 2018 16:05

Tgt Ion: 65 Resp: 126965

Ion Ratio Lower Upper

65 100

67 46.1 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

50000

40000

30000

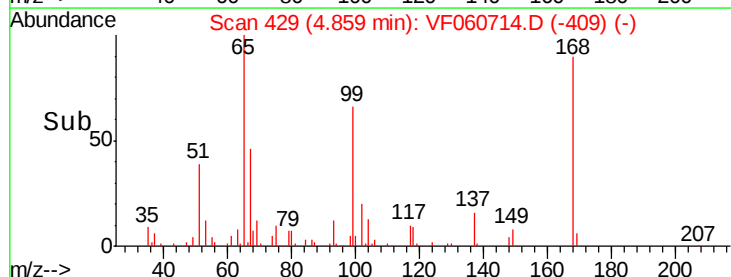
20000

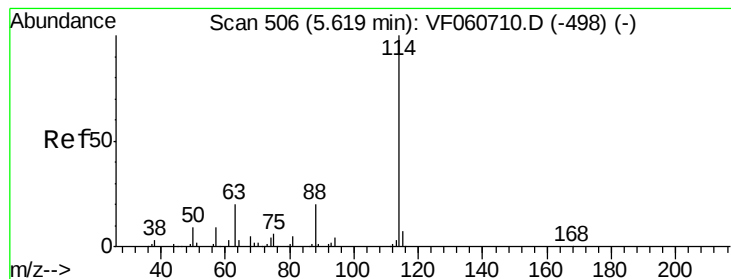
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060714.D

Acq: 13 Nov 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

VF1113SBL01

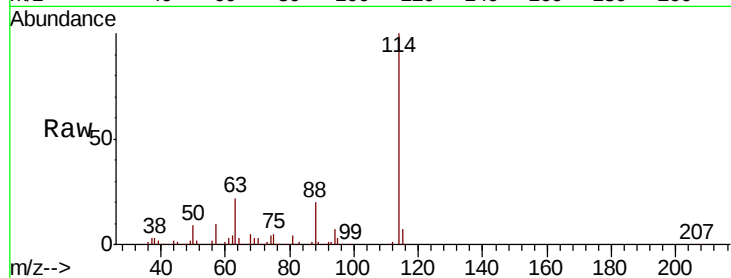
Tot Ion:114 Resp: 403031

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.8

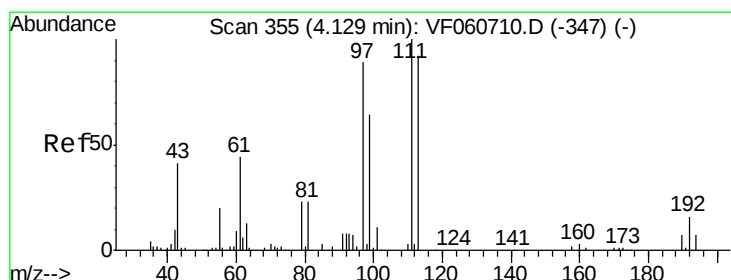
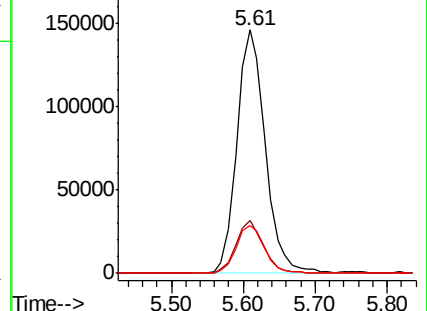
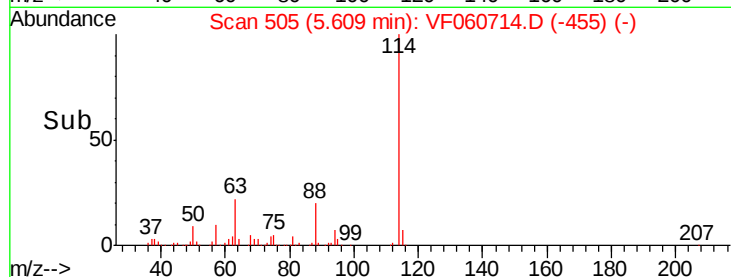
88 19.8 0.0 39.6



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: 49.828 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.00 min

Lab File: VF060714.D

Acq: 13 Nov 2018 16:05

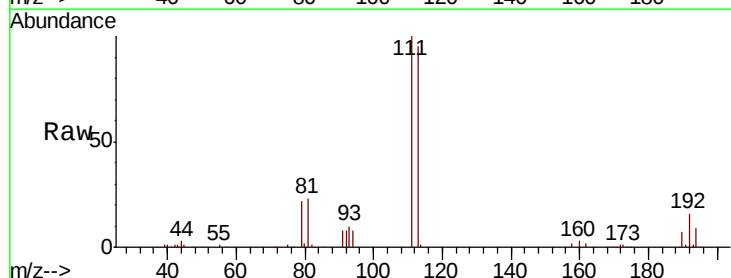
Tgt Ion:113 Resp: 150958

Ion Ratio Lower Upper

113 100

111 104.8 87.1 130.7

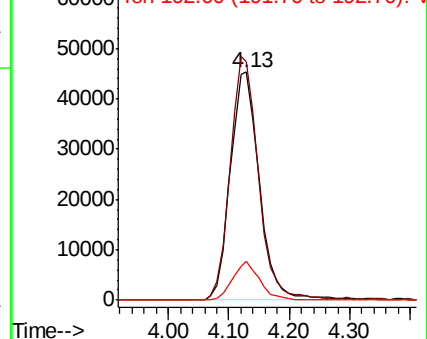
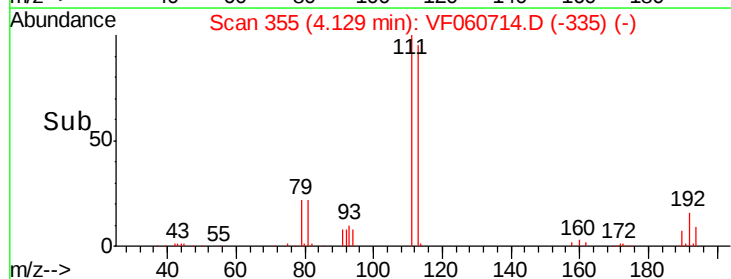
192 16.9 13.8 20.6

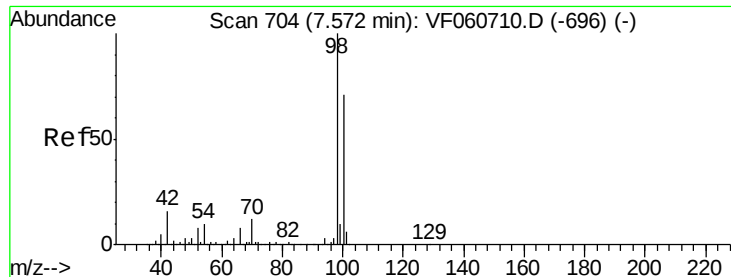


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 51.182 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060714.D

Acq: 13 Nov 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

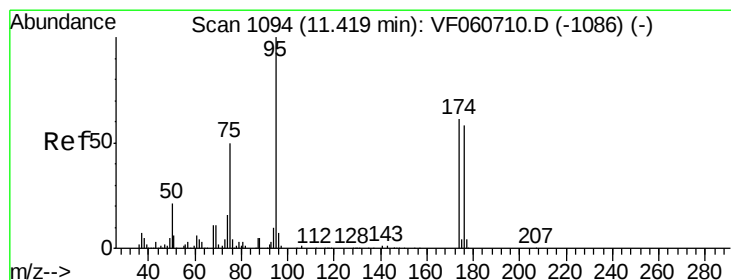
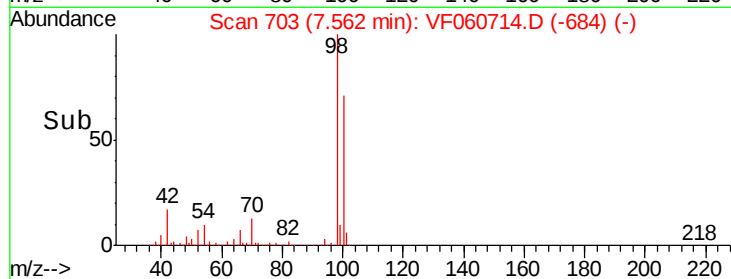
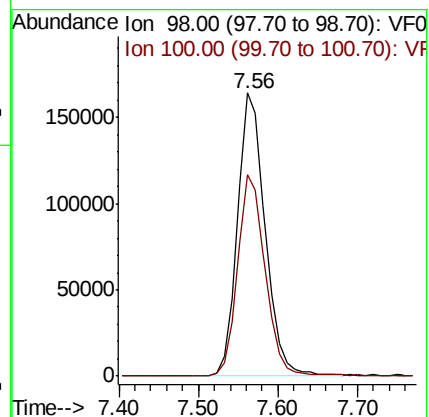
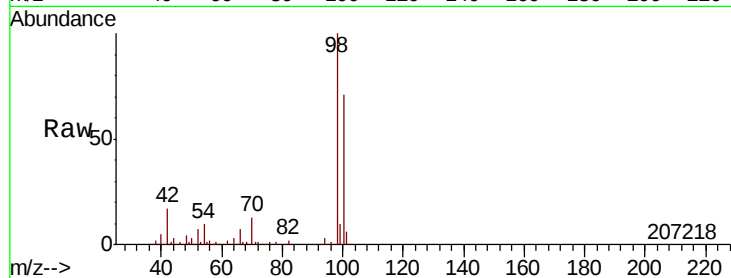
VF1113SBL01

Tot Ion: 98 Resp: 397222

Ion Ratio Lower Upper

98 100

100 71.0 56.5 84.7



#62

4-Bromofluorobenzene

Concen: 57.548 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060714.D

Acq: 13 Nov 2018 16:05

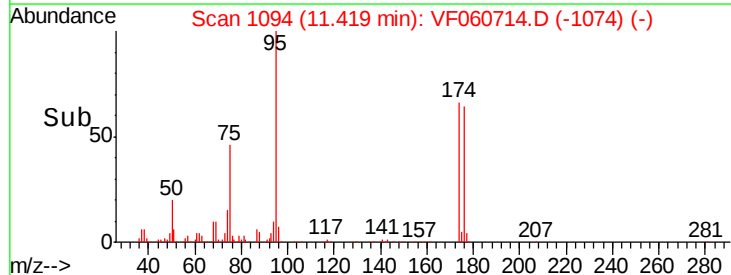
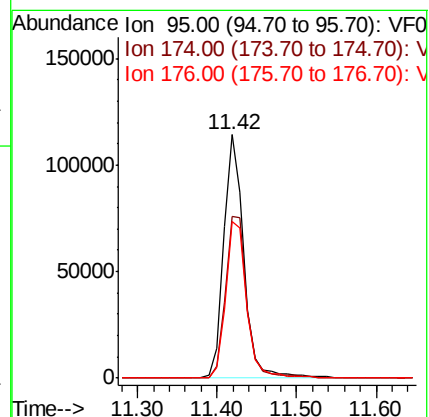
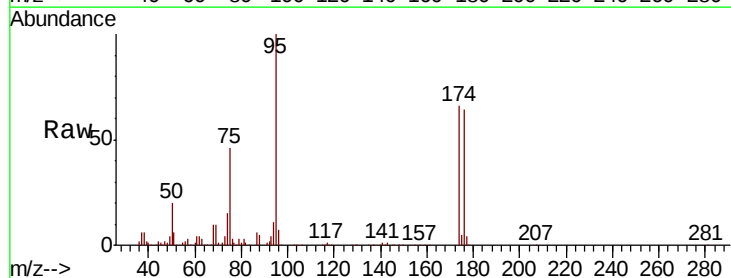
Tgt Ion: 95 Resp: 204126

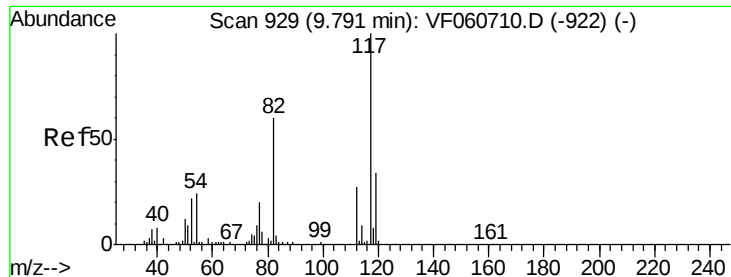
Ion Ratio Lower Upper

95 100

174 66.4 0.0 121.6

176 64.1 0.0 115.2

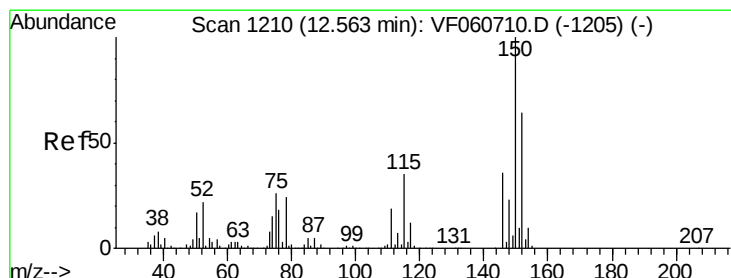
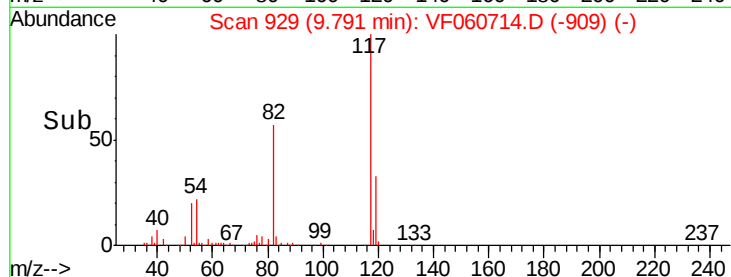
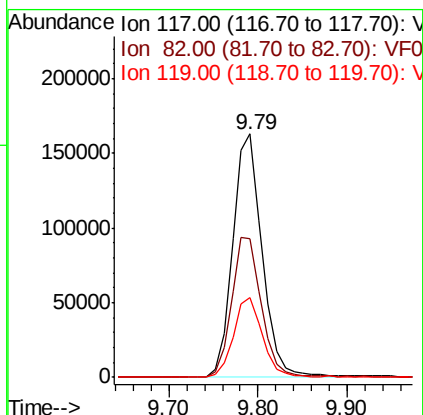
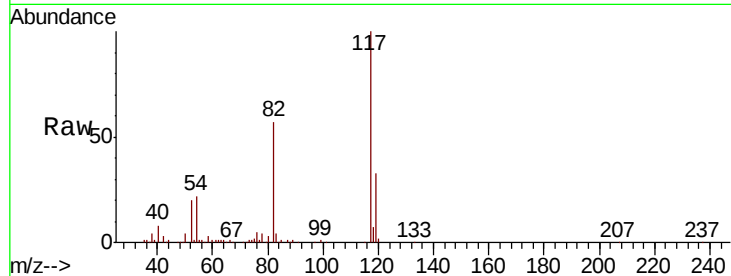




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.00 min
Lab File: VF060714.D
Acq: 13 Nov 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF1113SBL01

Tot Ion:117 Resp: 375511
Ion Ratio Lower Upper
117 100
82 56.8 47.9 71.9
119 32.9 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF060714.D
Acq: 13 Nov 2018 16:05

Tgt Ion:152 Resp: 224706
Ion Ratio Lower Upper
152 100
115 54.1 27.9 83.7
150 149.1 0.0 316.4

