

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062676.D
 Acq On : 21 May 2019 11:37
 Operator : FY/SY
 Sample : VF0521SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0521SBL01

Quant Time: May 22 04:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	856839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1403751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	1078669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	472370	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	308217	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	4.31	113	575177	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
50) Toluene-d8	7.72	98	1271309	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.50	95	453193	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	

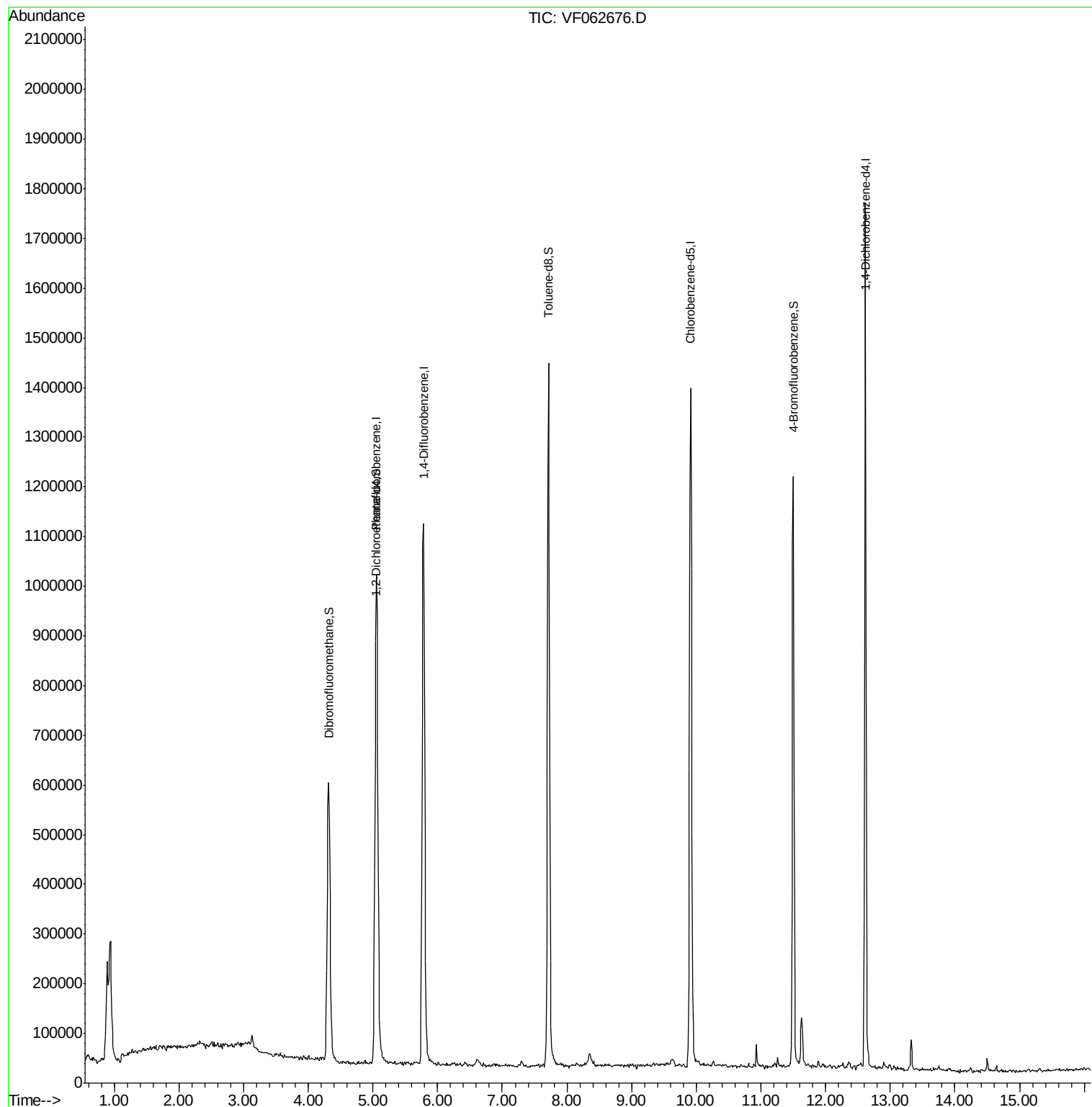
Target Compounds	Qvalue
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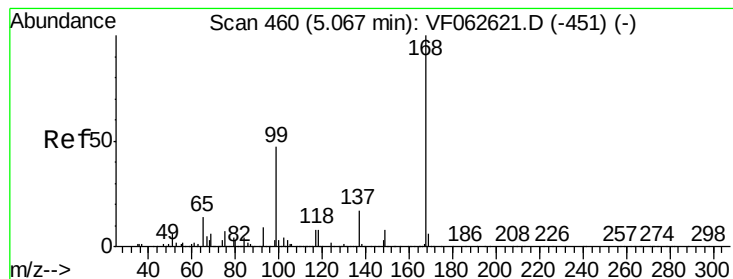
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062676.D

Acq: 21 May 2019 11:37

Instrument :

MSVOA_F

ClientSampleId :

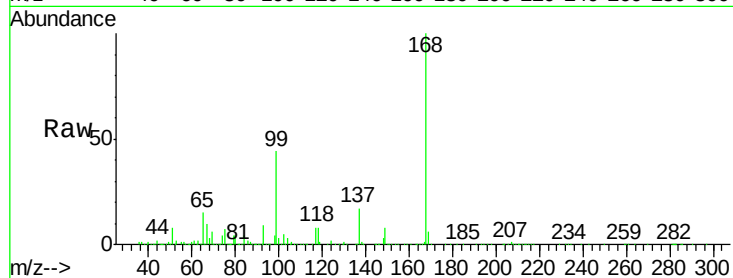
VF0521SBL01

Tot Ion:168 Resp: 856839

Ion Ratio Lower Upper

168 100

99 44.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

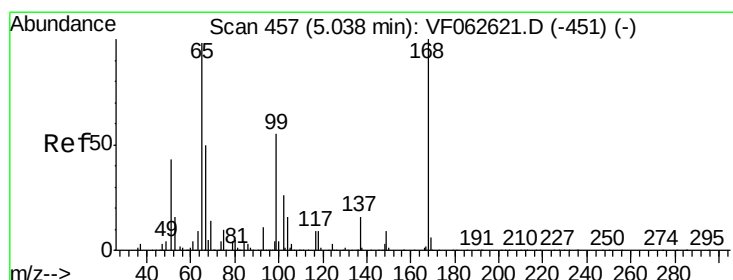
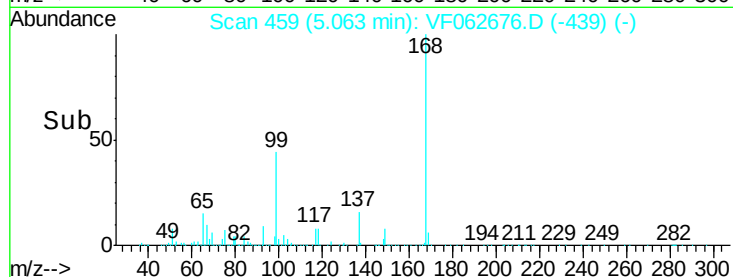
200000

100000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 50.904 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062676.D

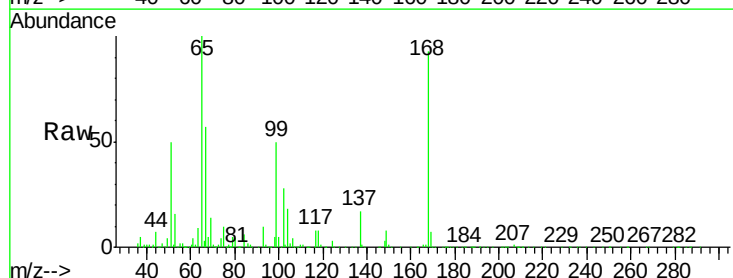
Acq: 21 May 2019 11:37

Tgt Ion: 65 Resp: 308217

Ion Ratio Lower Upper

65 100

67 56.7 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

120000

100000

80000

60000

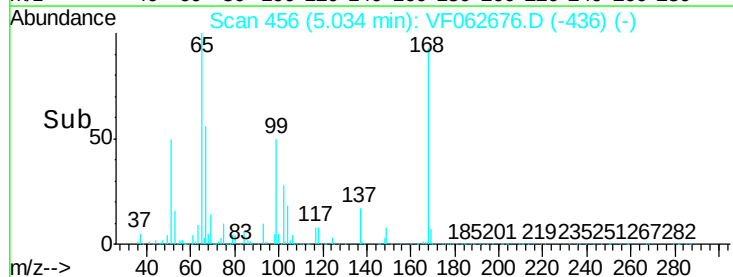
40000

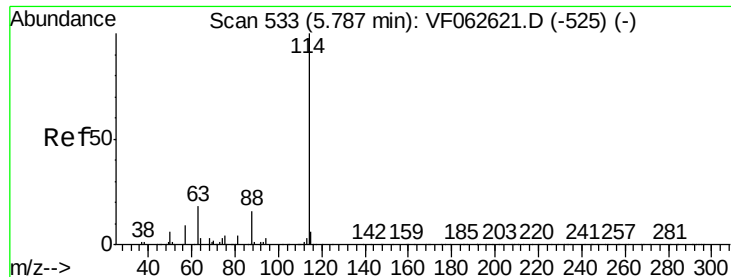
20000

0

Time-->

4.90 5.00 5.10 5.20

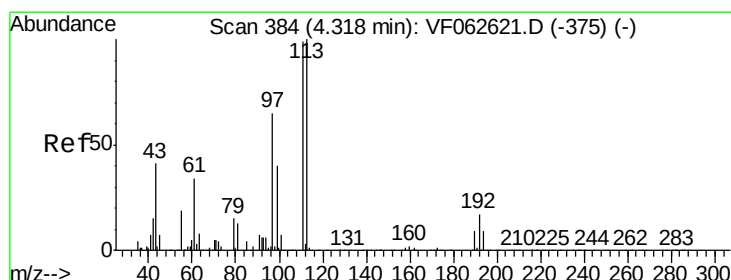
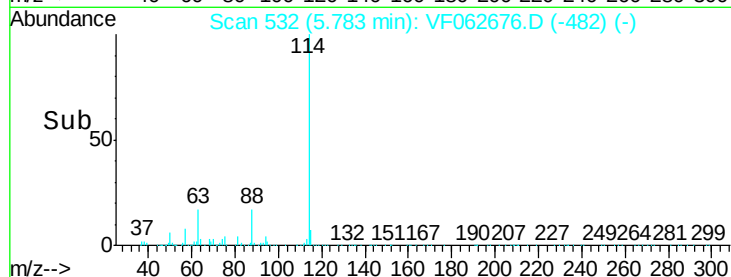
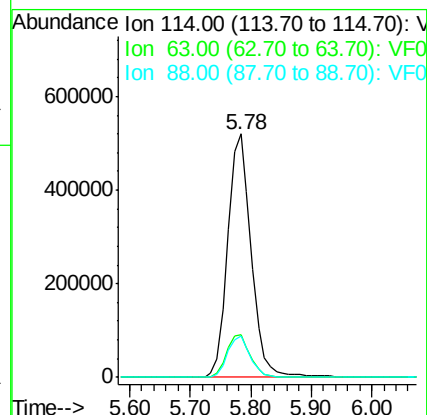
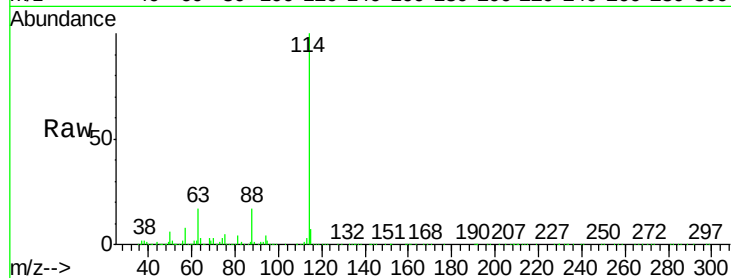




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.00 min
Lab File: VF062676.D
Acq: 21 May 2019 11:37

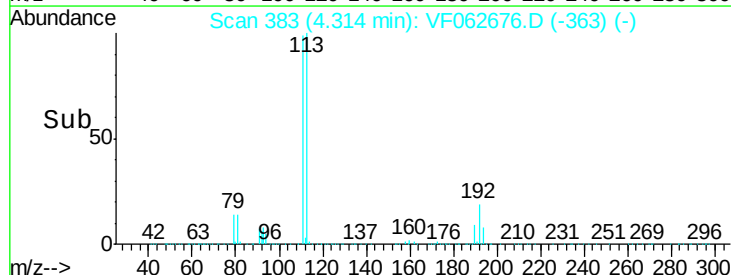
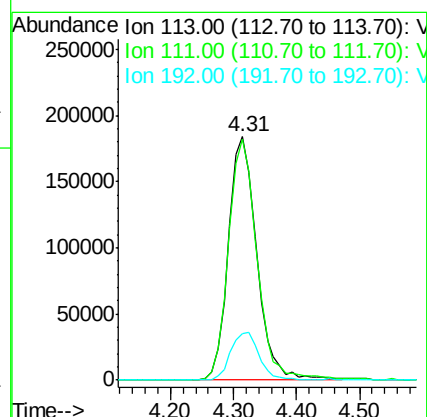
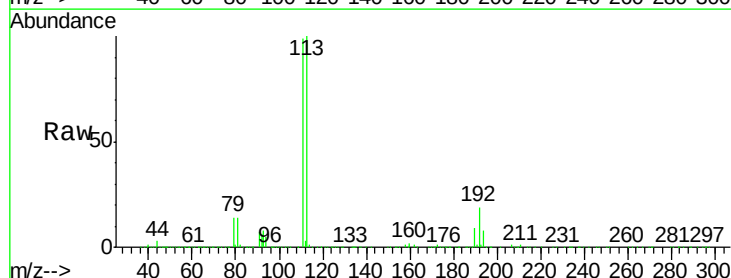
Instrument :
MSVOA_F
ClientSampleId :
VF0521SBL01

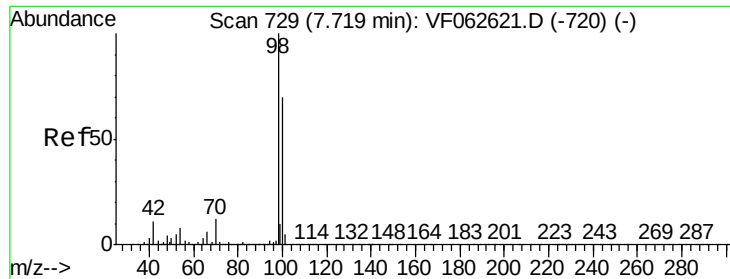
Tot Ion:114 Resp: 1403751
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.4
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.547 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062676.D
Acq: 21 May 2019 11:37

Tgt Ion:113 Resp: 575177
Ion Ratio Lower Upper
113 100
111 98.8 79.4 119.2
192 18.9 13.4 20.2





#50

Toluene-d8

Concen: 49.570 ug/l

RT: 7.72 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF062676.D

Acq: 21 May 2019 11:37

Instrument :

MSVOA_F

ClientSampleId :

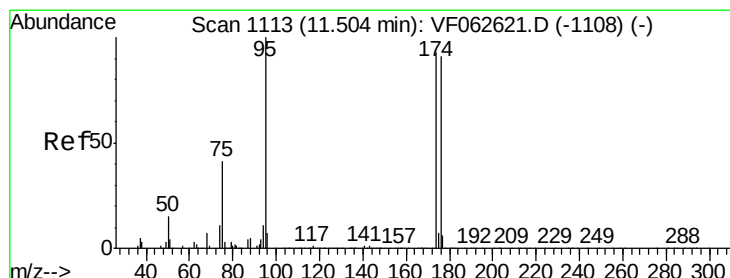
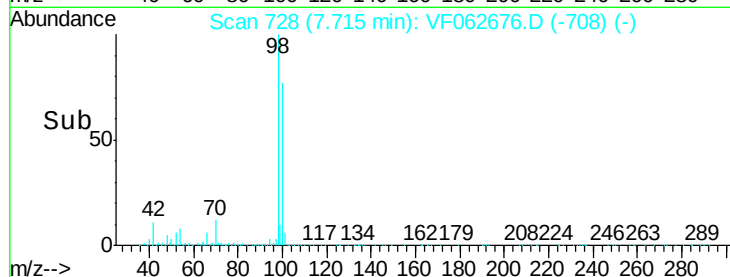
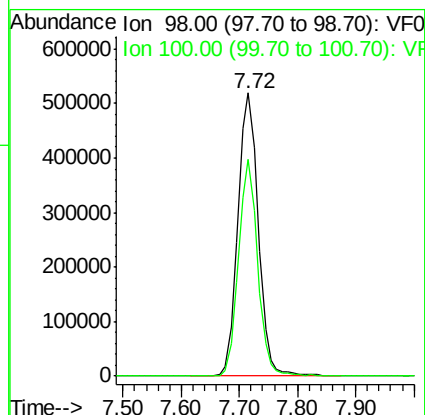
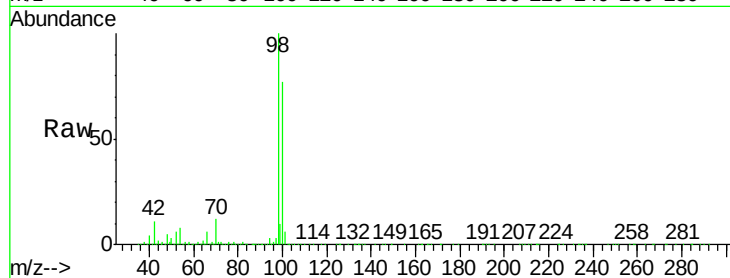
VF0521SBL01

Tot Ion: 98 Resp: 1271309

Ion Ratio Lower Upper

98 100

100 76.7 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 46.591 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062676.D

Acq: 21 May 2019 11:37

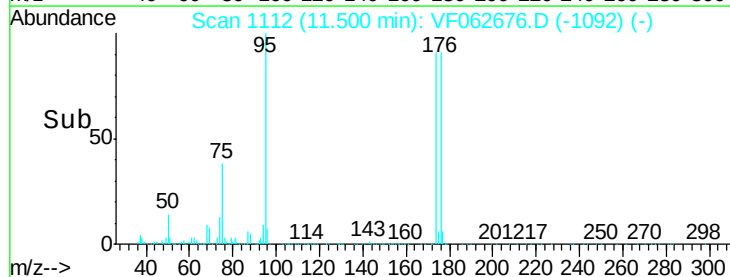
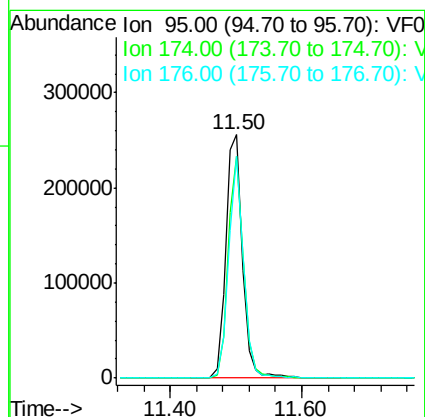
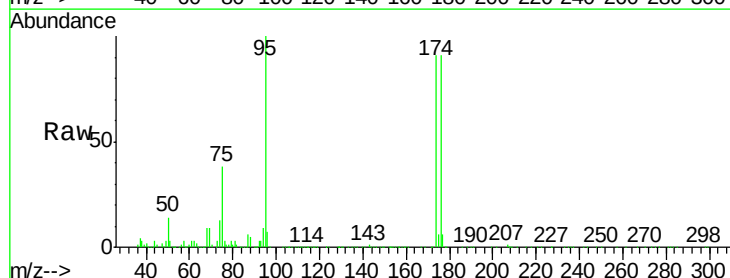
Tgt Ion: 95 Resp: 453193

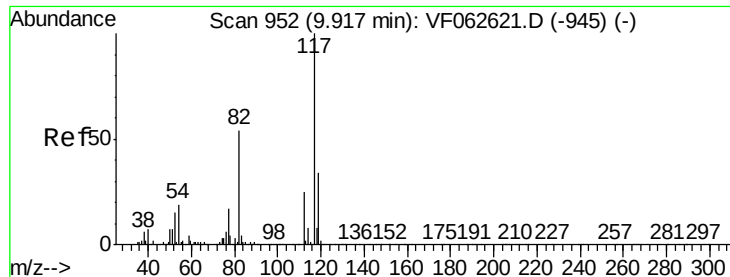
Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.6

176 90.9 0.0 182.4

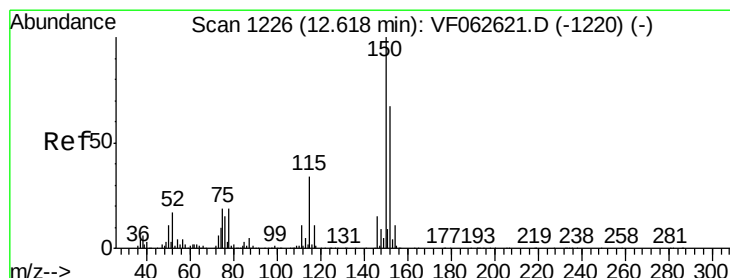
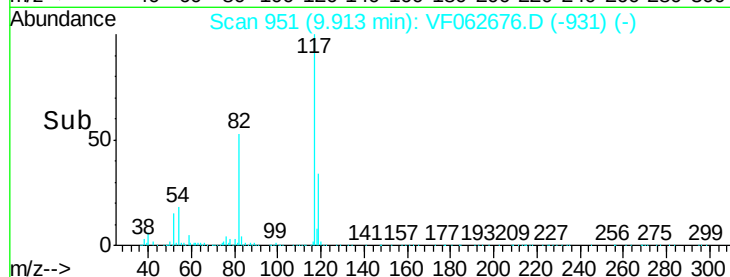
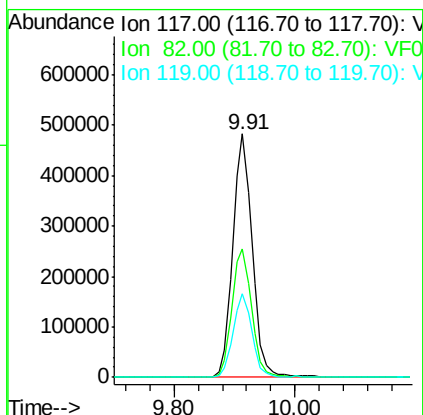
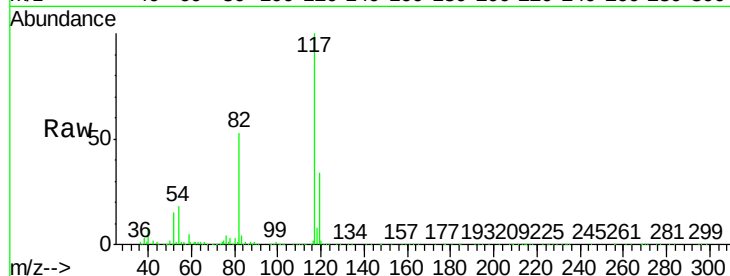




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062676.D
Acq: 21 May 2019 11:37

Instrument :
MSVOA_F
ClientSampleId :
VF0521SBL01

Tot Ion:117 Resp: 1078669
Ion Ratio Lower Upper
117 100
82 52.6 43.3 64.9
119 34.5 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062676.D
Acq: 21 May 2019 11:37

Tgt Ion:152 Resp: 472370
Ion Ratio Lower Upper
152 100
115 53.1 25.2 75.6
150 147.9 0.0 306.2

