

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062653.D
 Acq On : 20 May 2019 11:37
 Operator : FY/SY
 Sample : VF0520SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0520SBL01

Quant Time: May 20 14:43:50 2019
 Quant Method : Z:\V0ASRV\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	949512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1569780	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1121867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	562089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	327703	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	4.31	113	607921	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	7.71	98	1272508	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.49	95	488518	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	

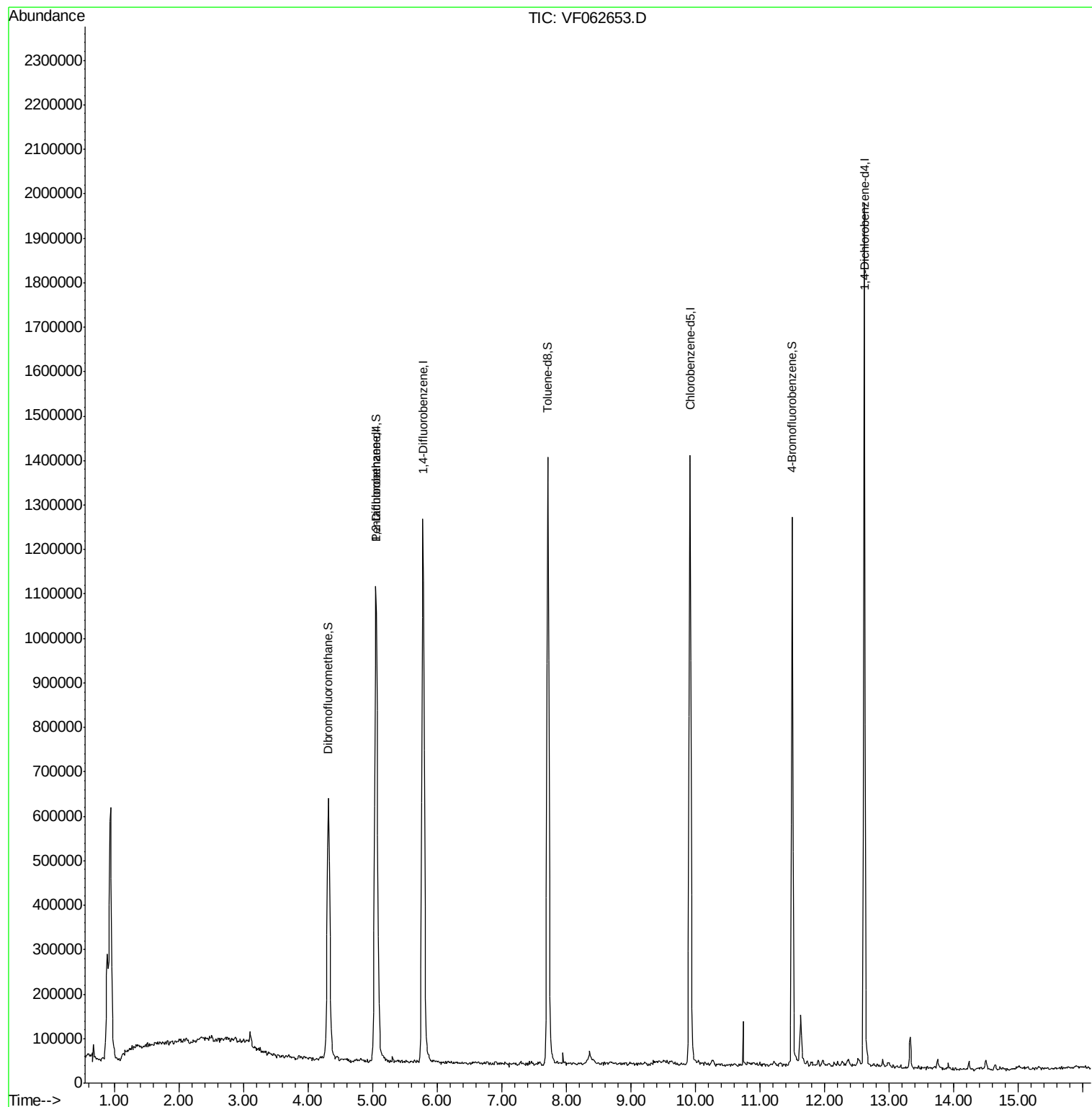
Target Compounds	Qvalue

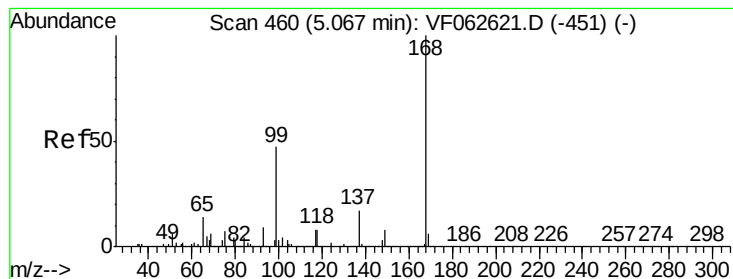
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062653.D

Acq: 20 May 2019 11:37

Instrument :

MSVOA_F

ClientSampleId :

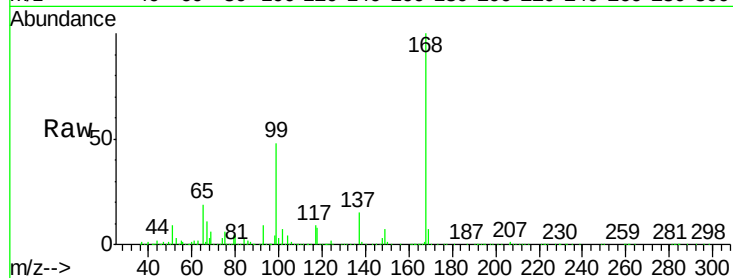
VF0520SBL01

Tot Ion:168 Resp: 949512

Ion Ratio Lower Upper

168 100

99 48.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

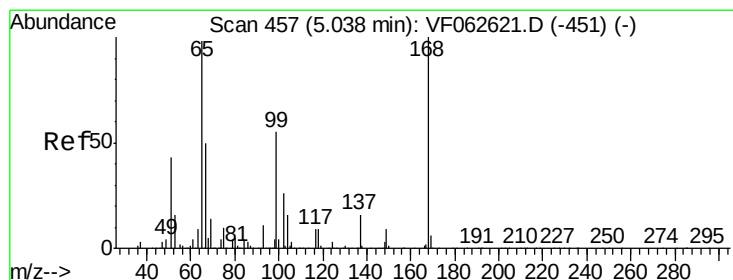
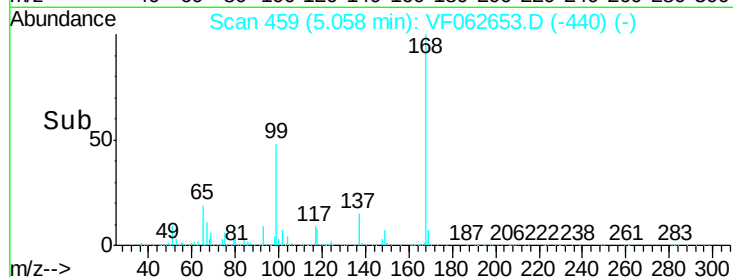
200000

100000

0

5.00 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.840 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062653.D

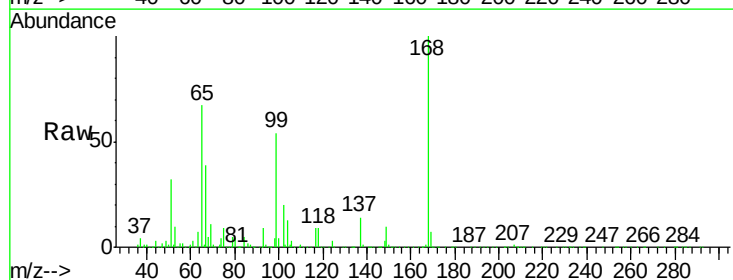
Acq: 20 May 2019 11:37

Tgt Ion: 65 Resp: 327703

Ion Ratio Lower Upper

65 100

67 57.6 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

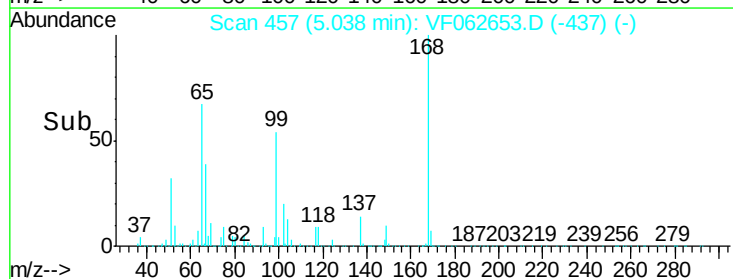
100000

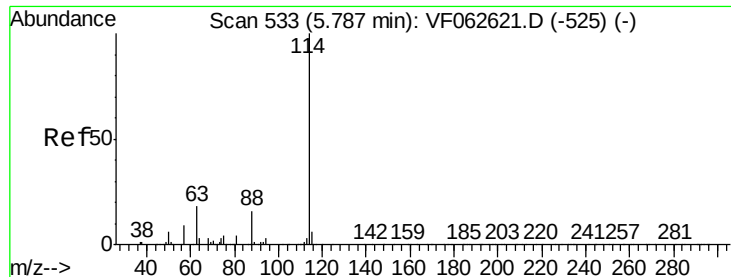
50000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062653.D

Acq: 20 May 2019 11:37

Instrument :

MSVOA_F

ClientSampleId :

VF0520SBL01

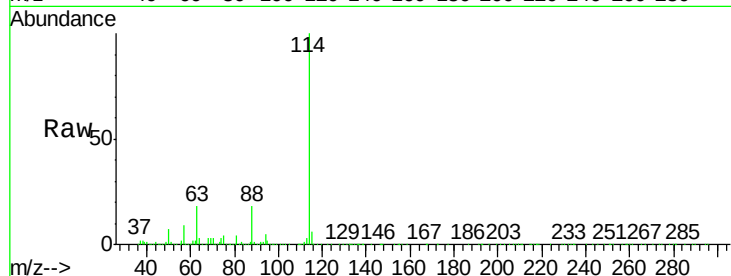
Tot Ion:114 Resp: 1569780

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.4

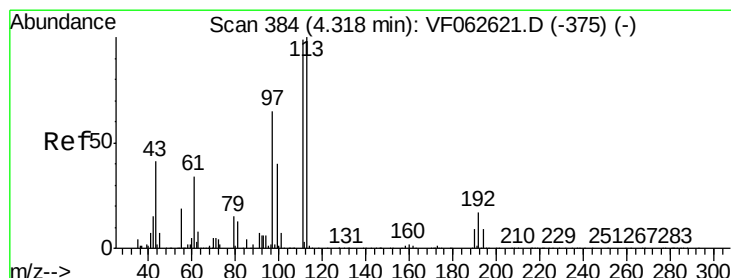
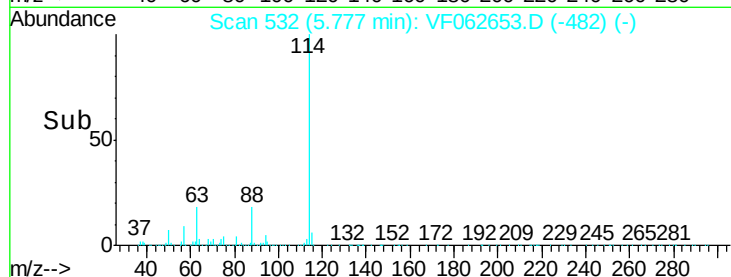
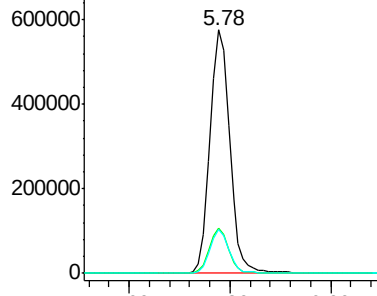
88 18.0 0.0 32.4



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: 50.609 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062653.D

Acq: 20 May 2019 11:37

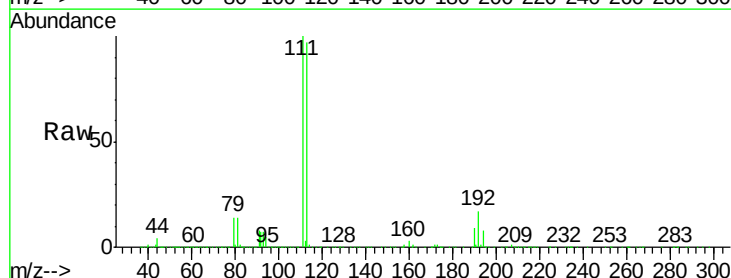
Tgt Ion:113 Resp: 607921

Ion Ratio Lower Upper

113 100

111 103.4 79.4 119.2

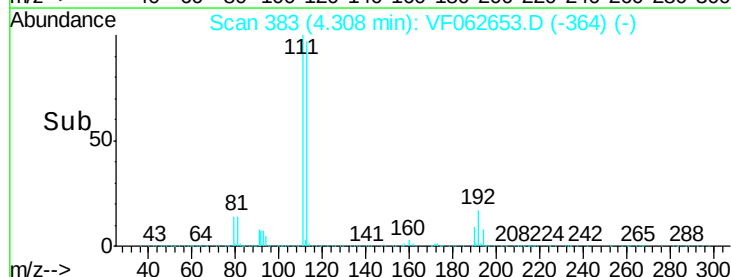
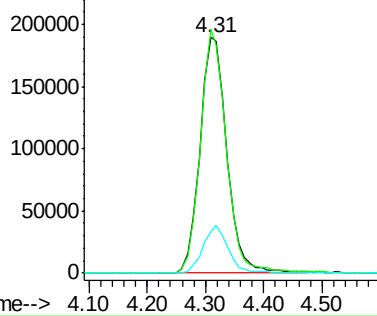
192 17.6 13.4 20.2

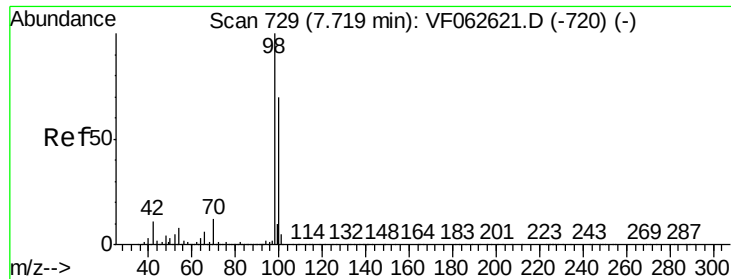


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.369 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062653.D

Acq: 20 May 2019 11:37

Instrument :

MSVOA_F

ClientSampleId :

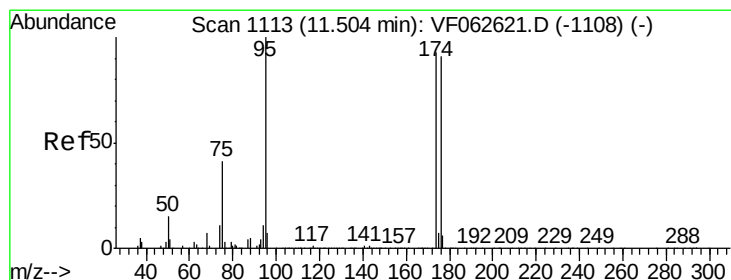
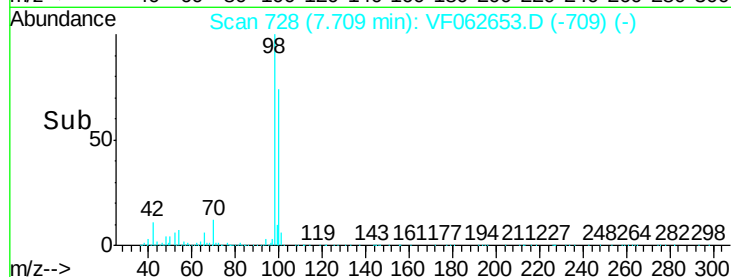
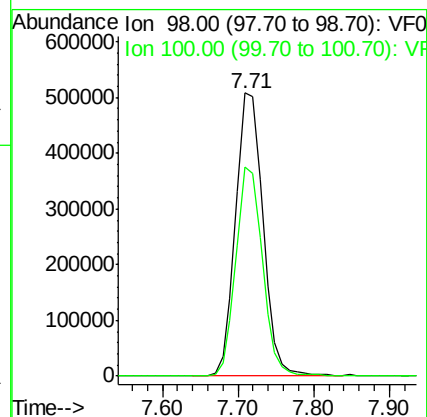
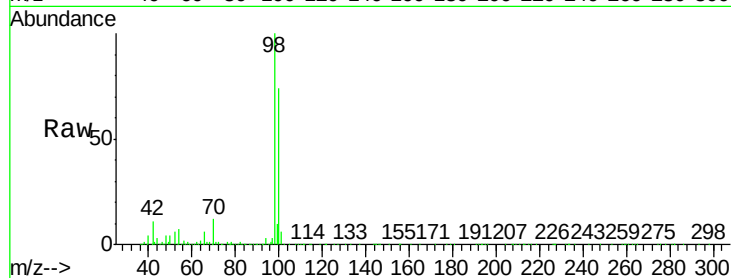
VF0520SBL01

Tot Ion: 98 Resp: 1272508

Ion Ratio Lower Upper

98 100

100 73.8 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 44.911 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062653.D

Acq: 20 May 2019 11:37

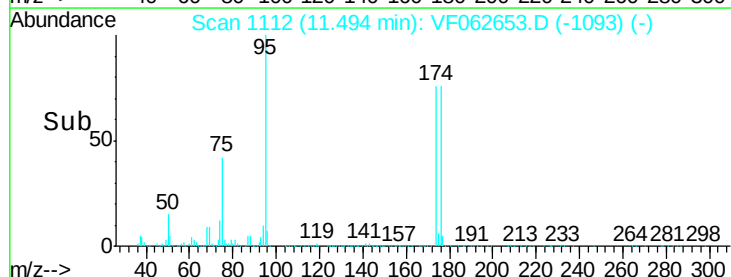
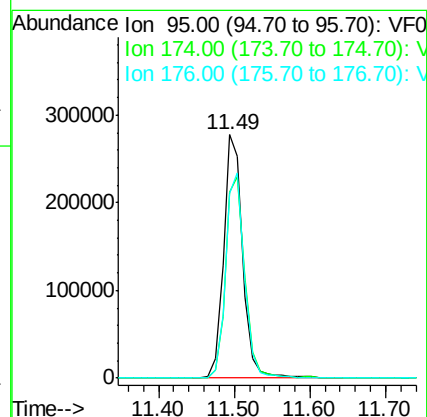
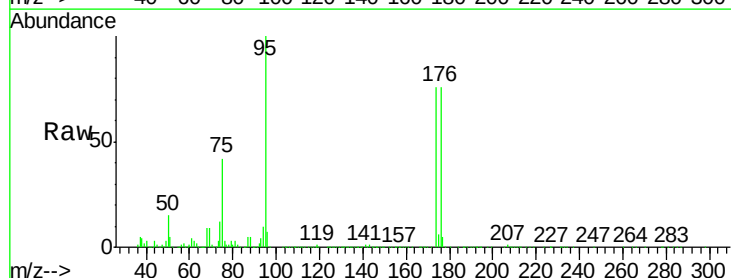
Tgt Ion: 95 Resp: 488518

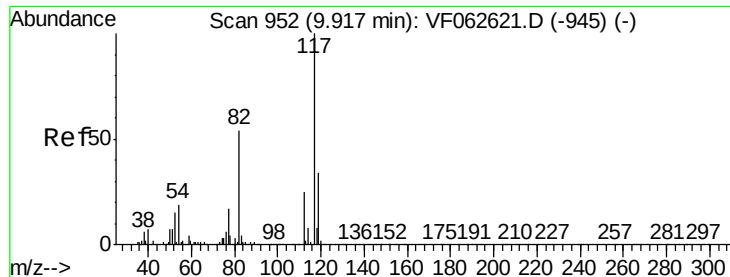
Ion Ratio Lower Upper

95 100

174 76.5 0.0 185.6

176 75.9 0.0 182.4

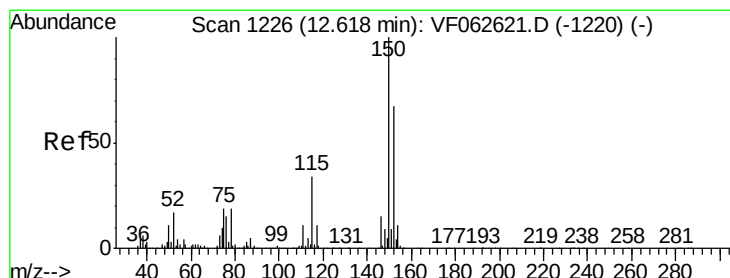
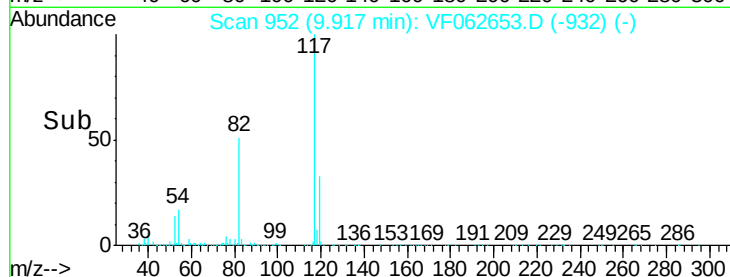
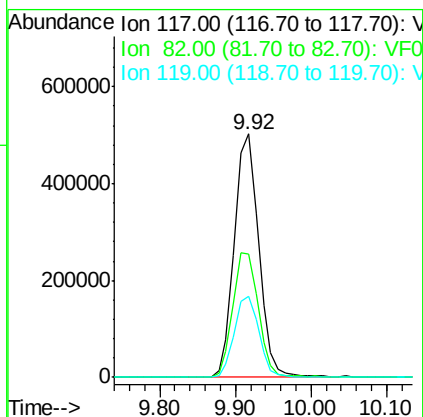
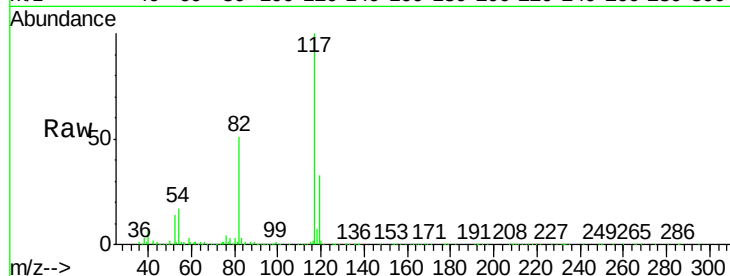




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062653.D
Acq: 20 May 2019 11:37

Instrument :
MSVOA_F
ClientSampleId :
VF0520SBL01

Tot Ion:117 Resp: 1121867
Ion Ratio Lower Upper
117 100
82 50.9 43.3 64.9
119 33.0 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062653.D
Acq: 20 May 2019 11:37

Tgt Ion:152 Resp: 562089
Ion Ratio Lower Upper
152 100
115 48.7 25.2 75.6
150 144.3 0.0 306.2

