

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062416.D
 Acq On : 10 May 2019 11:43
 Operator : FY/SY
 Sample : VF0510SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0510SBL01

Quant Time: May 10 14:59:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	327891	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	448472	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	370281	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	251671	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	171858	55.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	4.31	113	200006	55.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.96%	
50) Toluene-d8	7.71	98	454666	52.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.50	95	212403	54.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.86%	

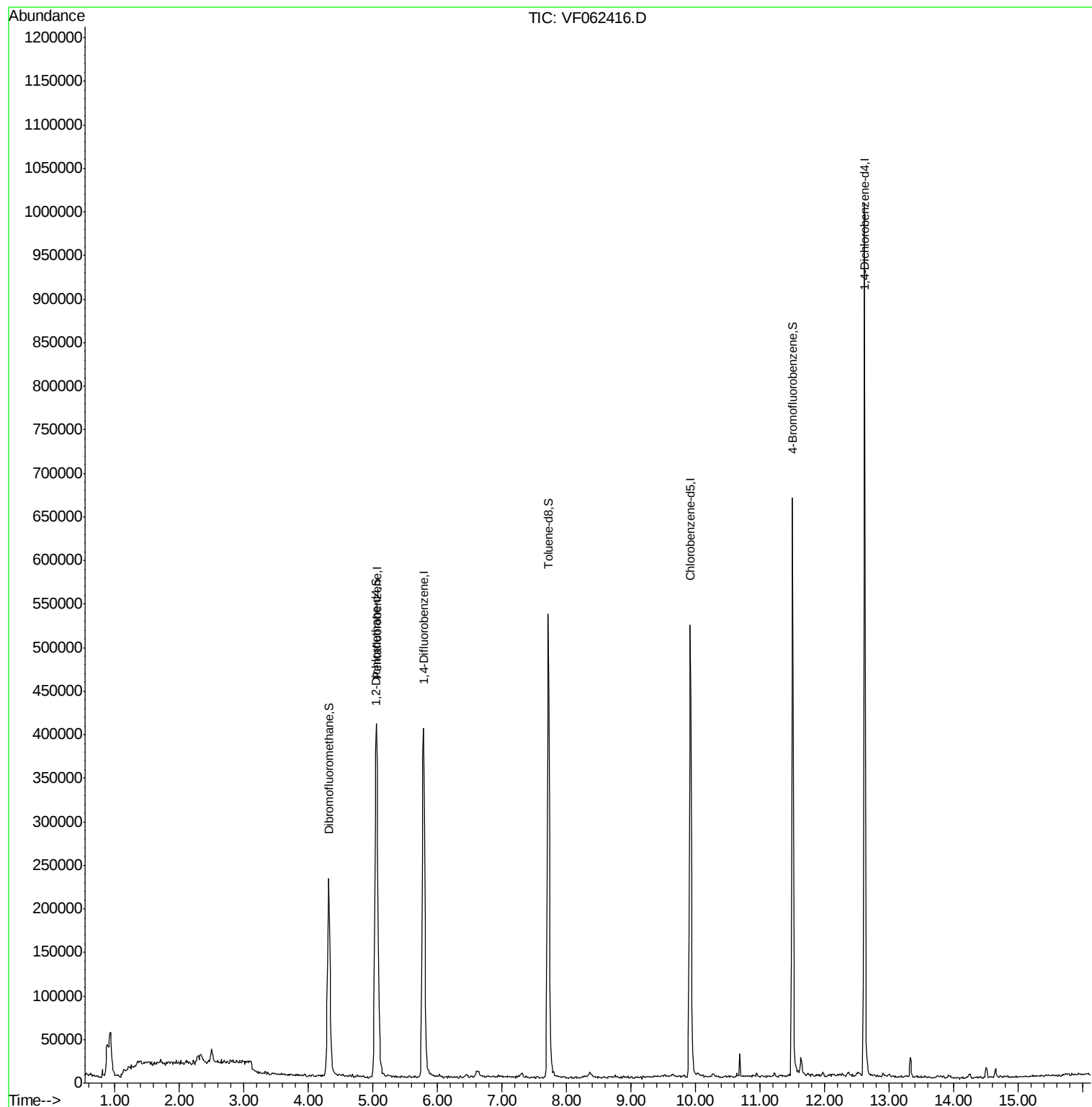
Target Compounds	Qvalue
------------------	--------

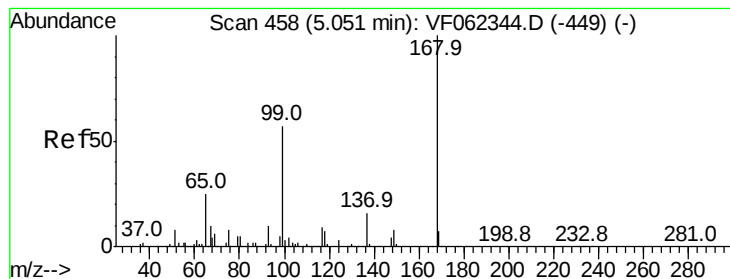
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062416.D
Acq On : 10 May 2019 11:43
Operator : FY/SY
Sample : VF0510SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL01

Quant Time: May 10 14:59:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062416.D

Acq: 10 May 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

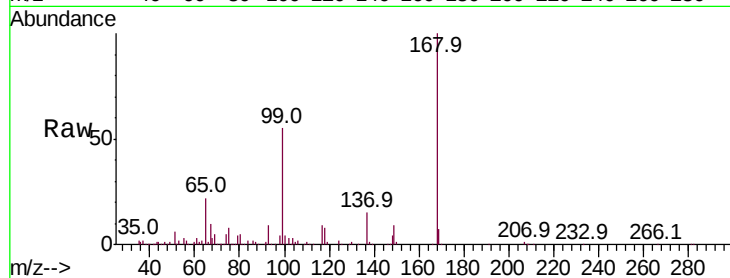
VF0510SBL01

Tot Ion:168 Resp: 327891

Ion Ratio Lower Upper

168 100

99 54.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

120000

100000

80000

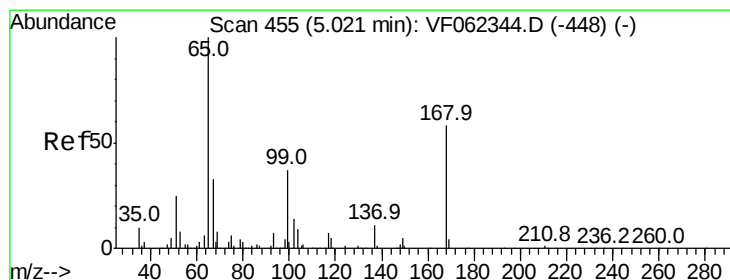
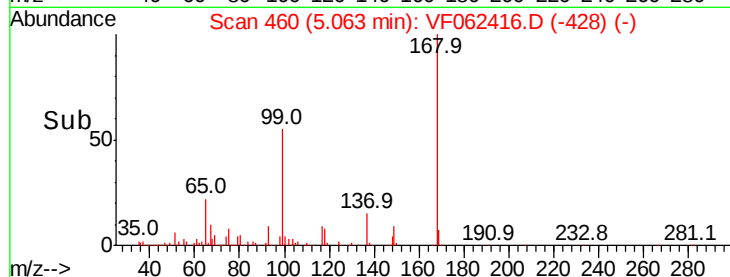
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 55.461 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062416.D

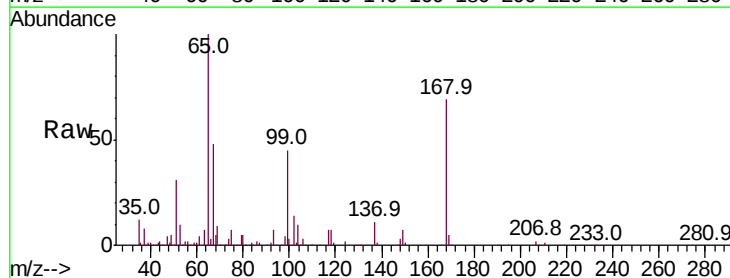
Acq: 10 May 2019 11:43

Tgt Ion: 65 Resp: 171858

Ion Ratio Lower Upper

65 100

67 47.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.03

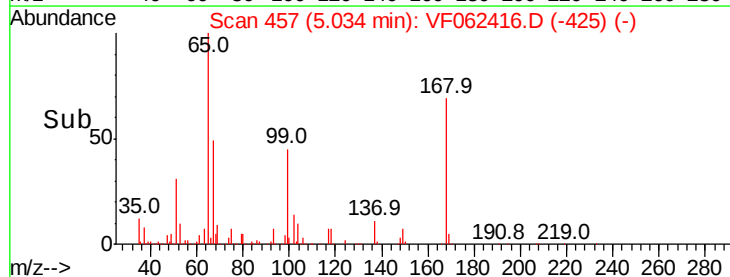
60000

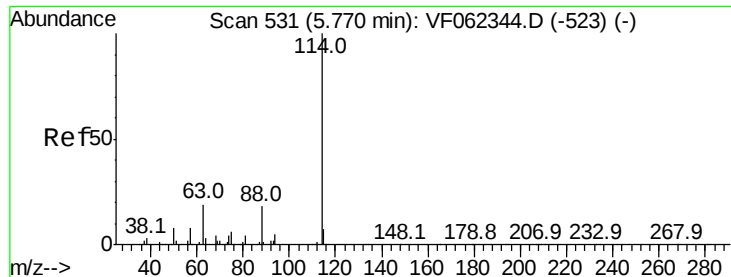
40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062416.D

Acq: 10 May 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VF0510SBL01

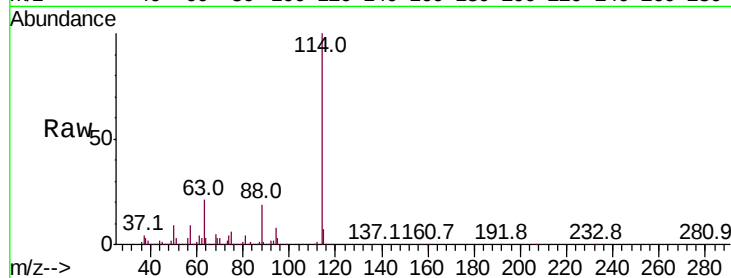
Tot Ion:114 Resp: 448472

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

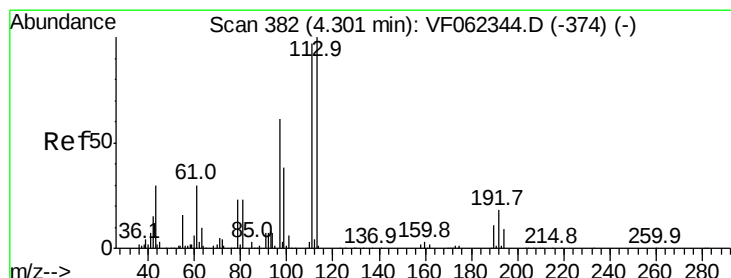
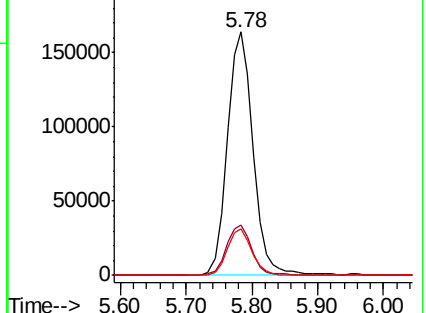
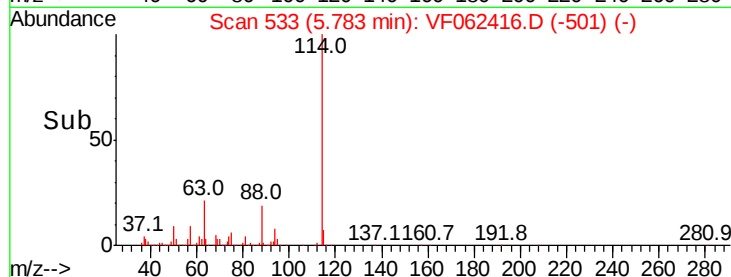
88 19.1 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 55.979 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062416.D

Acq: 10 May 2019 11:43

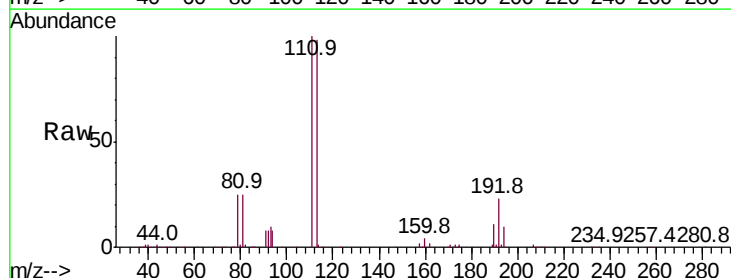
Tgt Ion:113 Resp: 200006

Ion Ratio Lower Upper

113 100

111 97.1 79.4 119.0

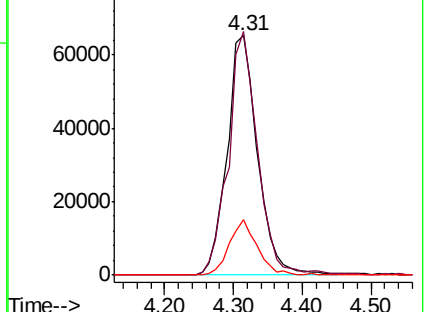
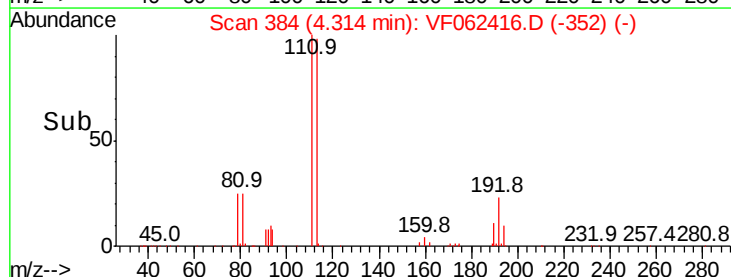
192 21.6 16.0 24.0

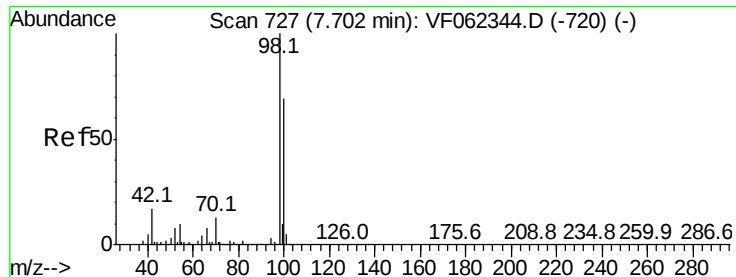


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.570 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062416.D

Acq: 10 May 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

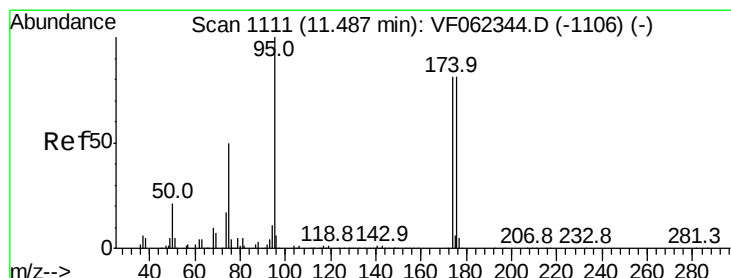
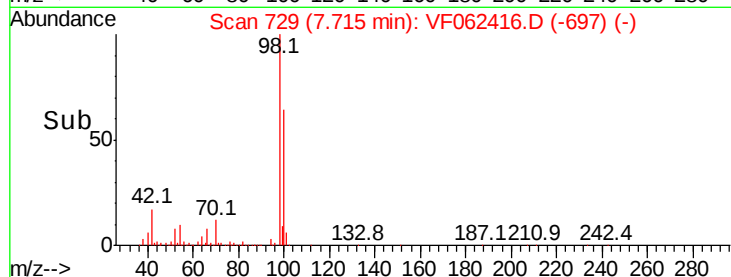
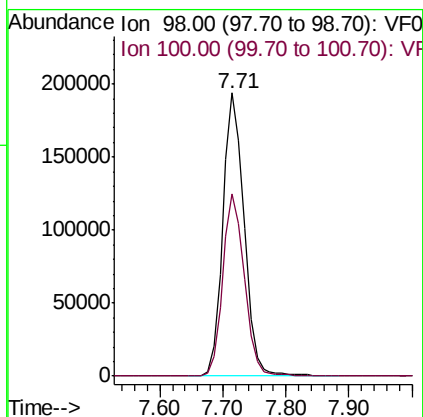
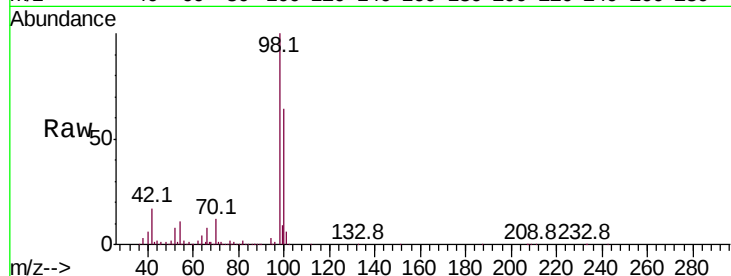
VF0510SBL01

Tot Ion: 98 Resp: 454666

Ion Ratio Lower Upper

98 100

100 65.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 54.434 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062416.D

Acq: 10 May 2019 11:43

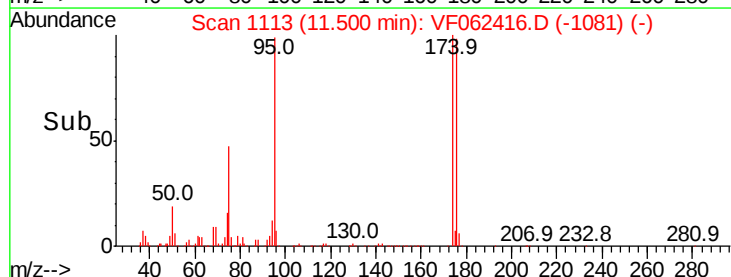
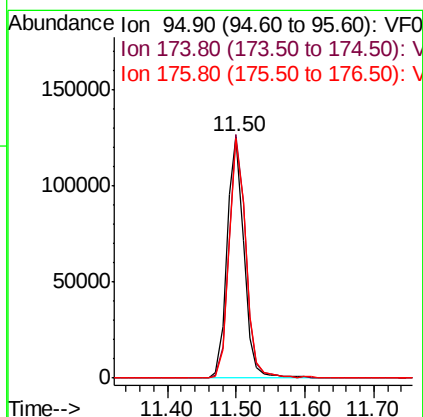
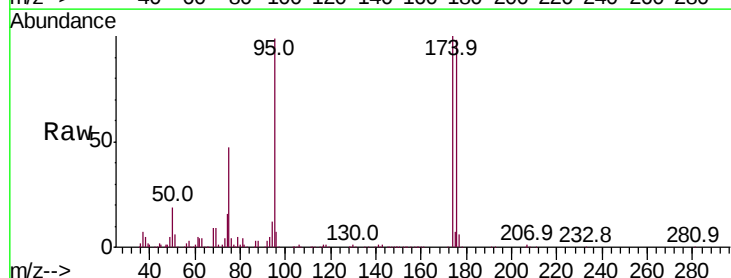
Tgt Ion: 95 Resp: 212403

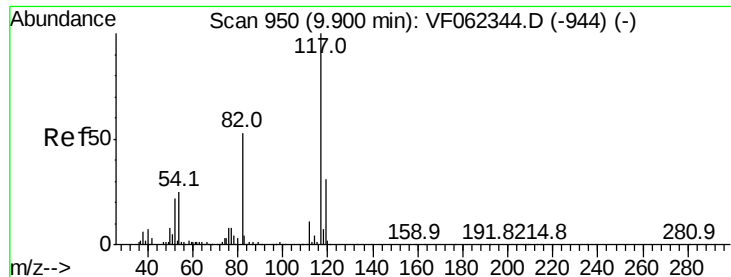
Ion Ratio Lower Upper

95 100

174 99.6 0.0 191.8

176 99.2 0.0 193.2

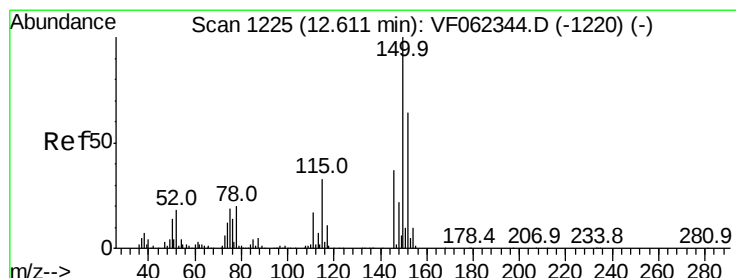
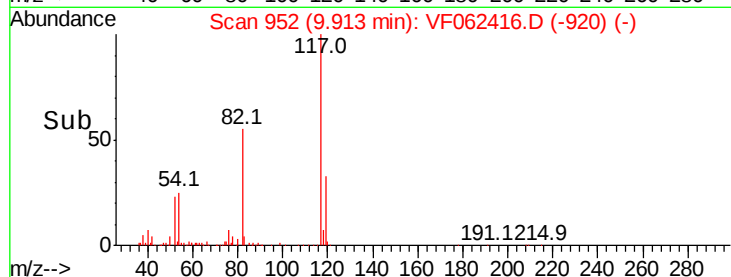
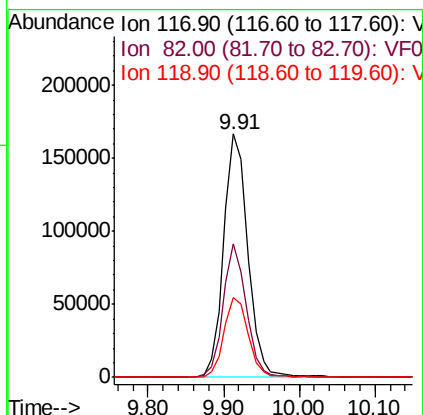
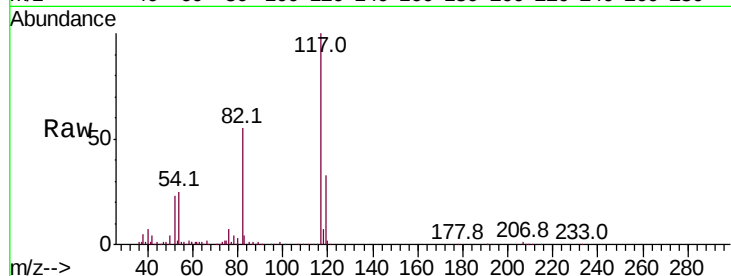




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062416.D
Acq: 10 May 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL01

Tot Ion:117 Resp: 370281
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.2
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062416.D
Acq: 10 May 2019 11:43

Tgt Ion:152 Resp: 251671
Ion Ratio Lower Upper
152 100
115 55.2 26.4 79.2
150 156.8 0.0 335.0

