

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062550.D
 Acq On : 13 May 2019 19:11
 Operator : FY/SY
 Sample : K2734-09RE
 Misc : 6.82g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-1218-01RE

Quant Time: May 14 07:47:40 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	185790	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	216174	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	164976	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	72684	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	64178	36.55	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.10%	
35) Dibromofluoromethane	4.33	113	84128	48.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	7.74	98	168220	40.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	80.70%	
62) 4-Bromofluorobenzene	11.51	95	62232	33.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.18%	

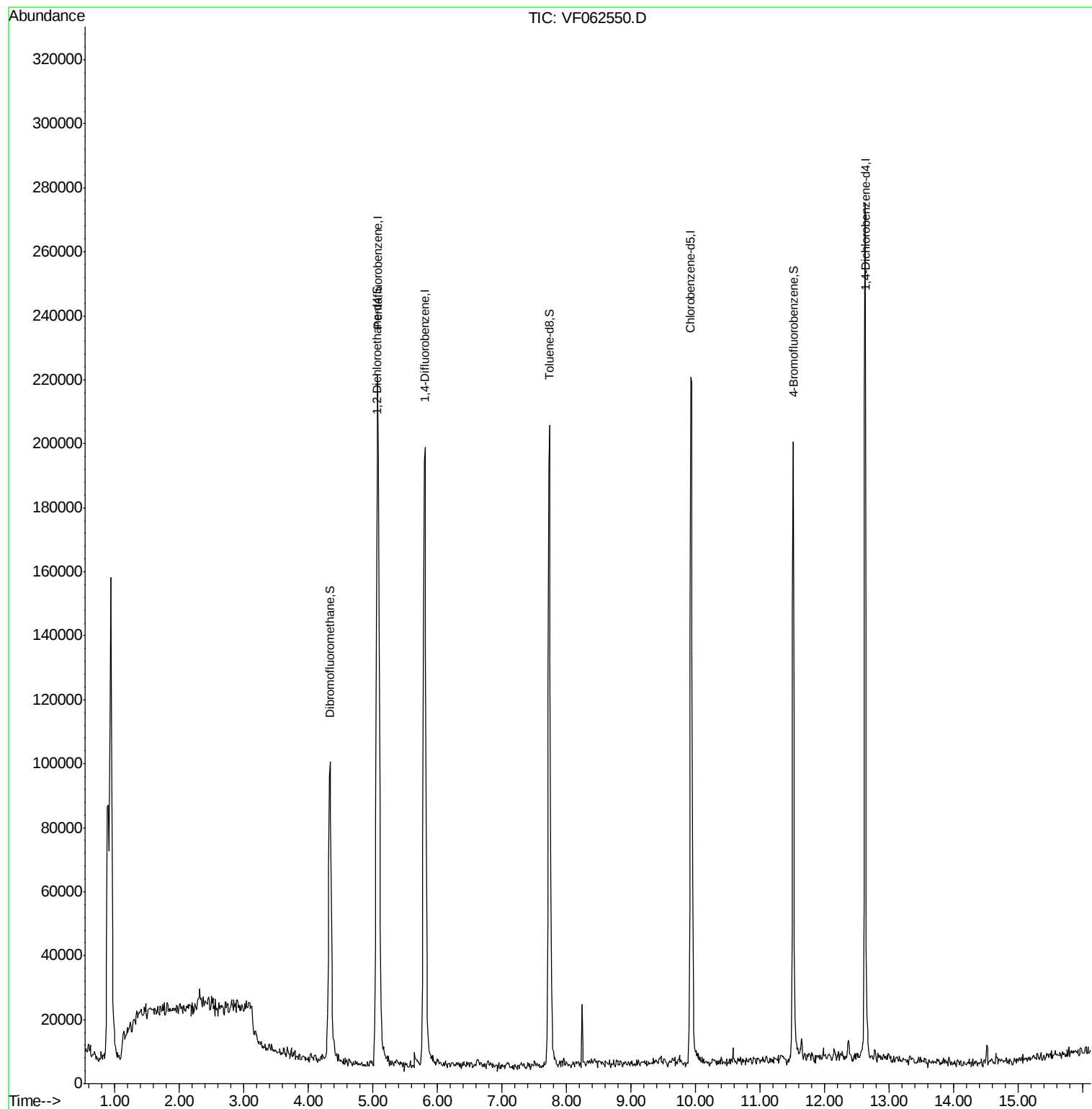
Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
Data File : VF062550.D
Acq On : 13 May 2019 19:11
Operator : FY/SY
Sample : K2734-09RE
Misc : 6.82g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-1218-01RE

Quant Time: May 14 07:47:40 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: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062550.D

Acq: 13 May 2019 19:11

Instrument :

MSVOA_F

ClientSampleId :

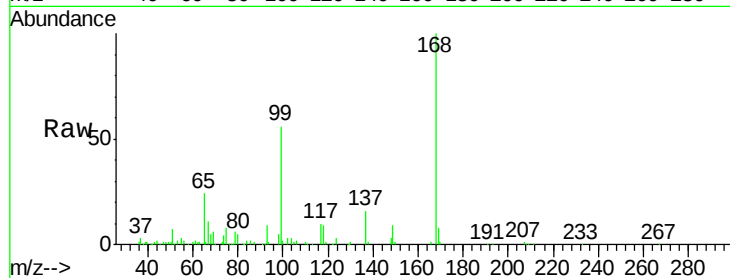
P026-SS012-1218-01RE

Tot Ion:168 Resp: 185790

Ion Ratio Lower Upper

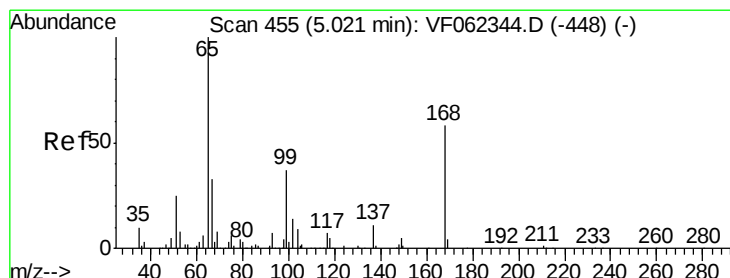
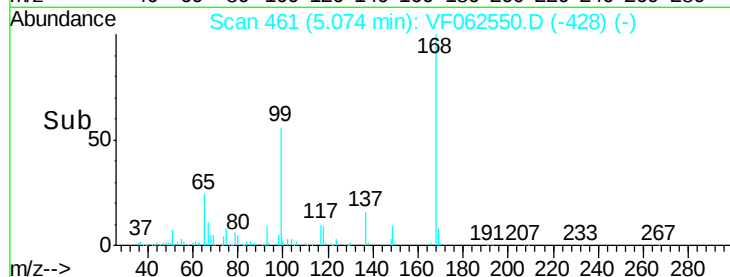
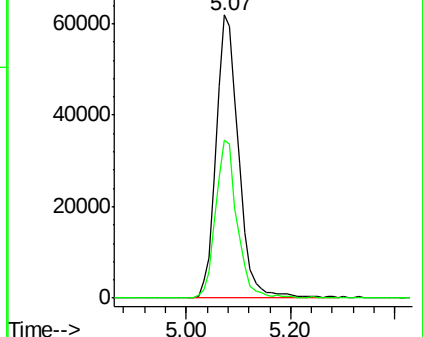
168 100

99 55.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 36.552 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062550.D

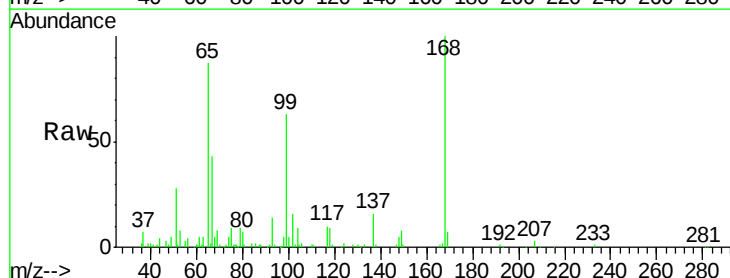
Acq: 13 May 2019 19:11

Tgt Ion: 65 Resp: 64178

Ion Ratio Lower Upper

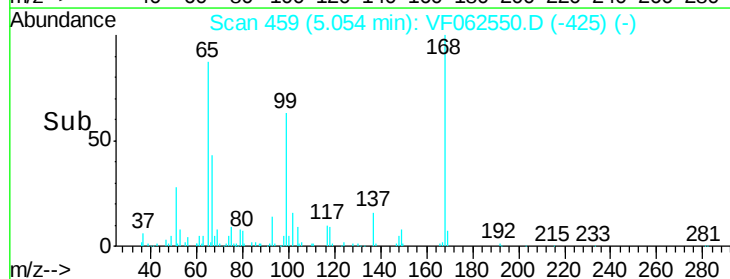
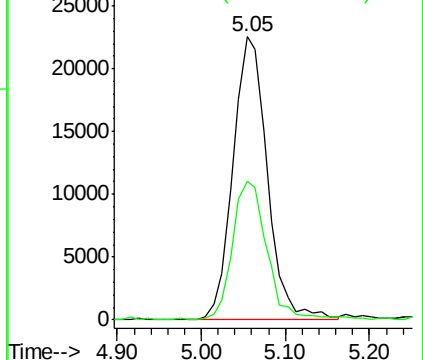
65 100

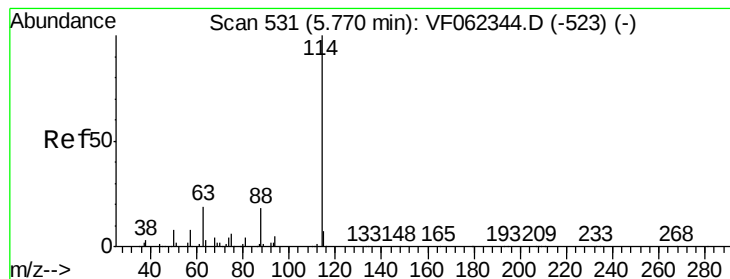
67 49.4 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 535

Delta R.T. 0.03 min

Lab File: VF062550.D

Acq: 13 May 2019 19:11

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-1218-01RE

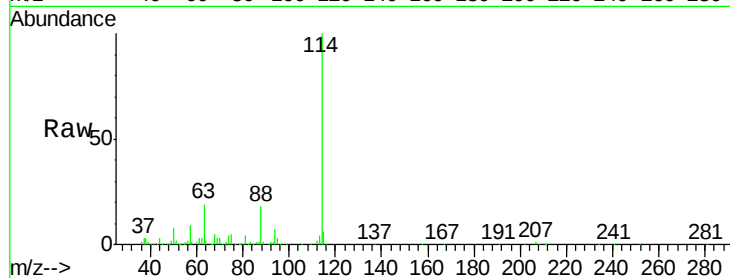
Tot Ion:114 Resp: 216174

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

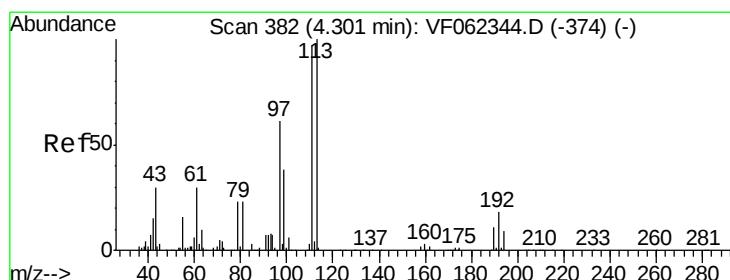
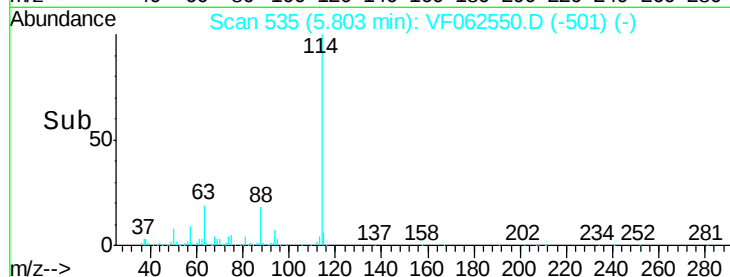
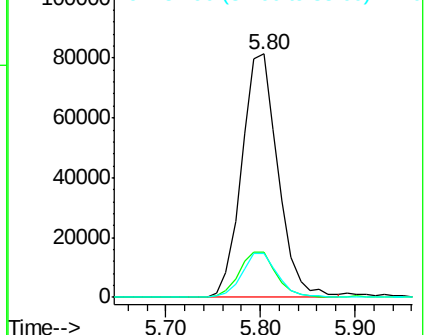
88 18.0 0.0 36.4



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: 48.849 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062550.D

Acq: 13 May 2019 19:11

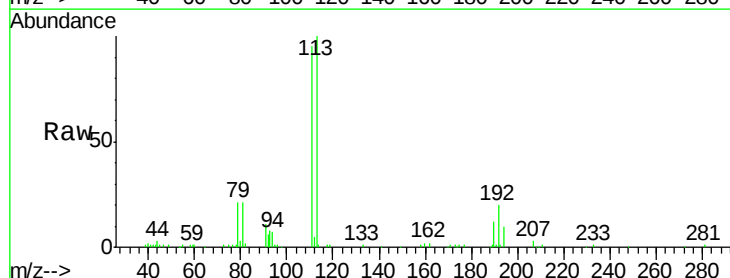
Tgt Ion:113 Resp: 84128

Ion Ratio Lower Upper

113 100

111 99.4 79.4 119.0

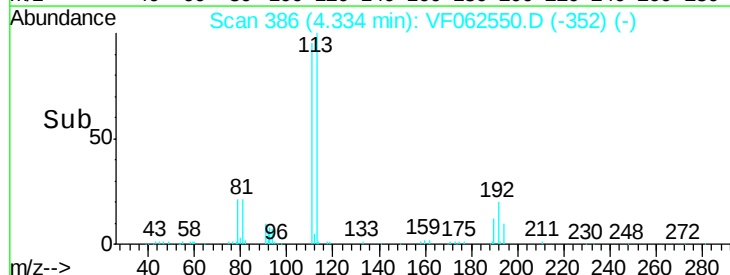
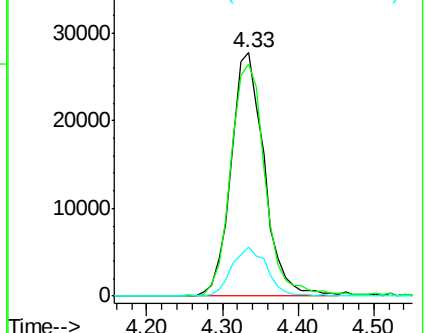
192 21.3 16.0 24.0

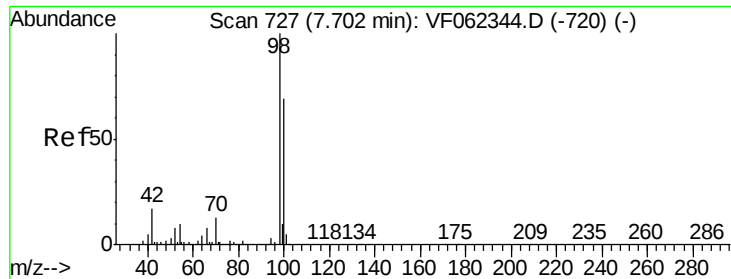


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.351 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062550.D

Acq: 13 May 2019 19:11

Instrument :

MSVOA_F

ClientSampleId :

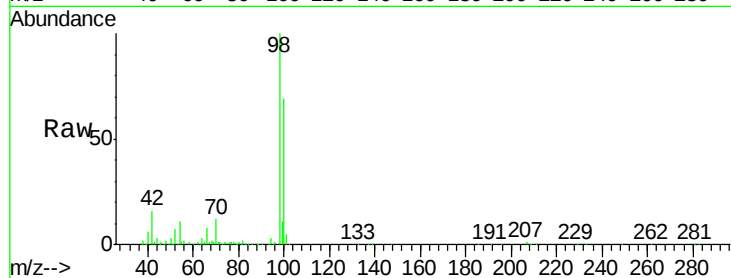
P026-SS012-1218-01RE

Tot Ion: 98 Resp: 168220

Ion Ratio Lower Upper

98 100

100 67.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.74

80000

60000

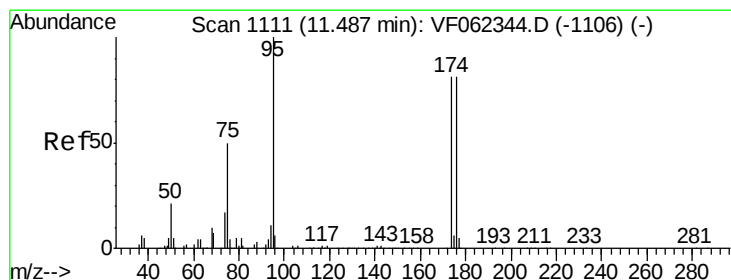
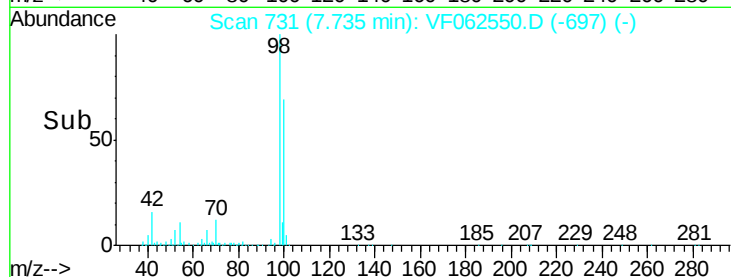
40000

20000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 33.087 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062550.D

Acq: 13 May 2019 19:11

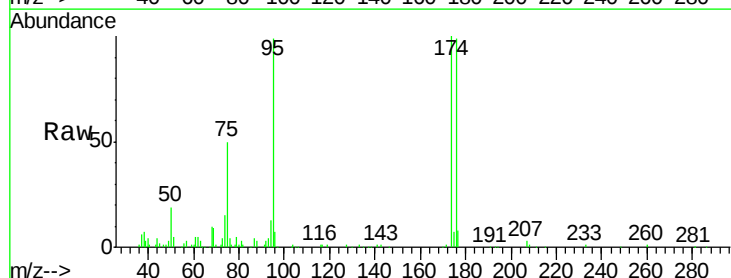
Tgt Ion: 95 Resp: 62232

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.8

176 94.6 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

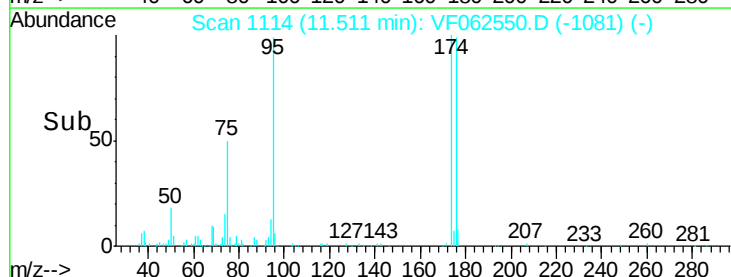
20000

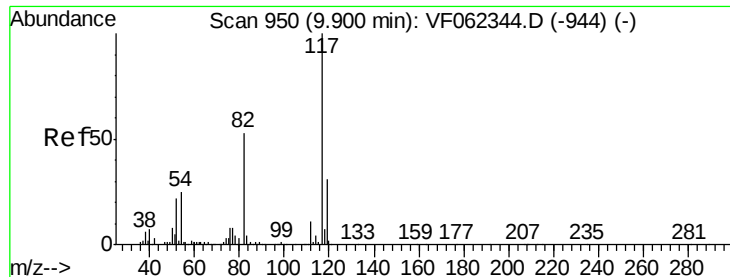
10000

0

Time-->

11.40 11.50 11.60 11.70

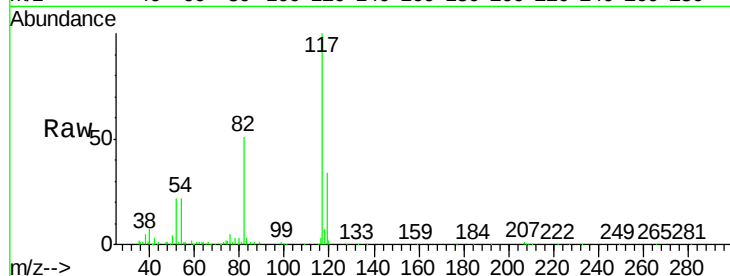




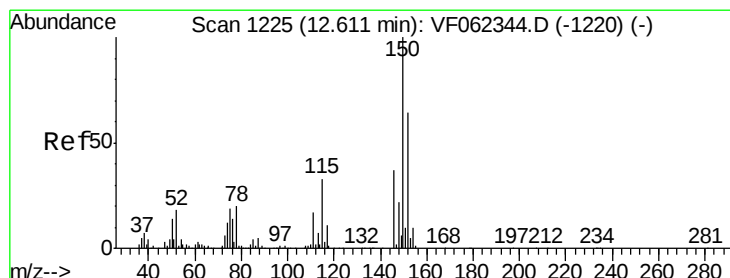
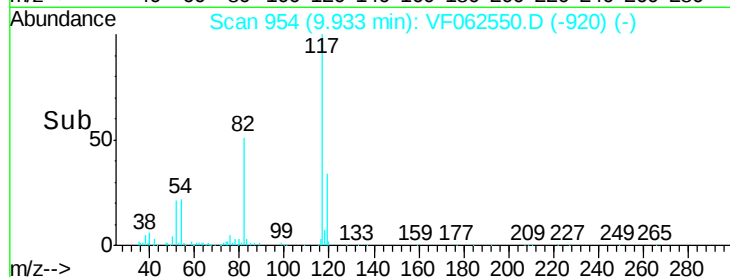
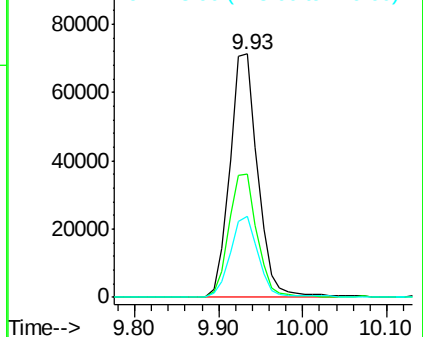
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062550.D
Acq: 13 May 2019 19:11

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-1218-01RE

Tot Ion:117 Resp: 164976
Ion Ratio Lower Upper
117 100
82 50.3 42.2 63.2
119 33.5 25.0 37.4

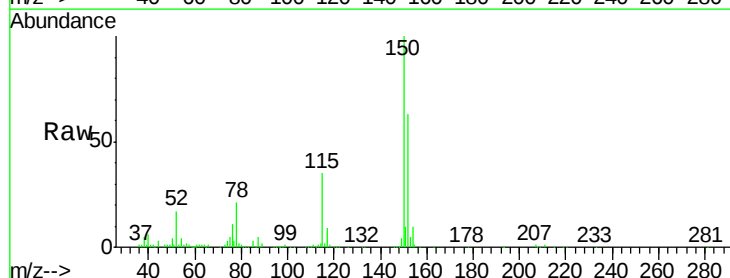


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062550.D
Acq: 13 May 2019 19:11

Tgt Ion:152 Resp: 72684
Ion Ratio Lower Upper
152 100
115 55.0 26.4 79.2
150 153.3 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

