

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF040419\
 Data File : VF062164.D
 Acq On : 4 Apr 2019 18:32
 Operator : FY/SY
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Apr 05 05:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F040419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 05:27:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	220367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	354698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.75	117	275962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	138934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	125710	48.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	4.09	113	125661	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	7.52	98	351977	45.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.00%	
62) 4-Bromofluorobenzene	11.39	95	157306	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

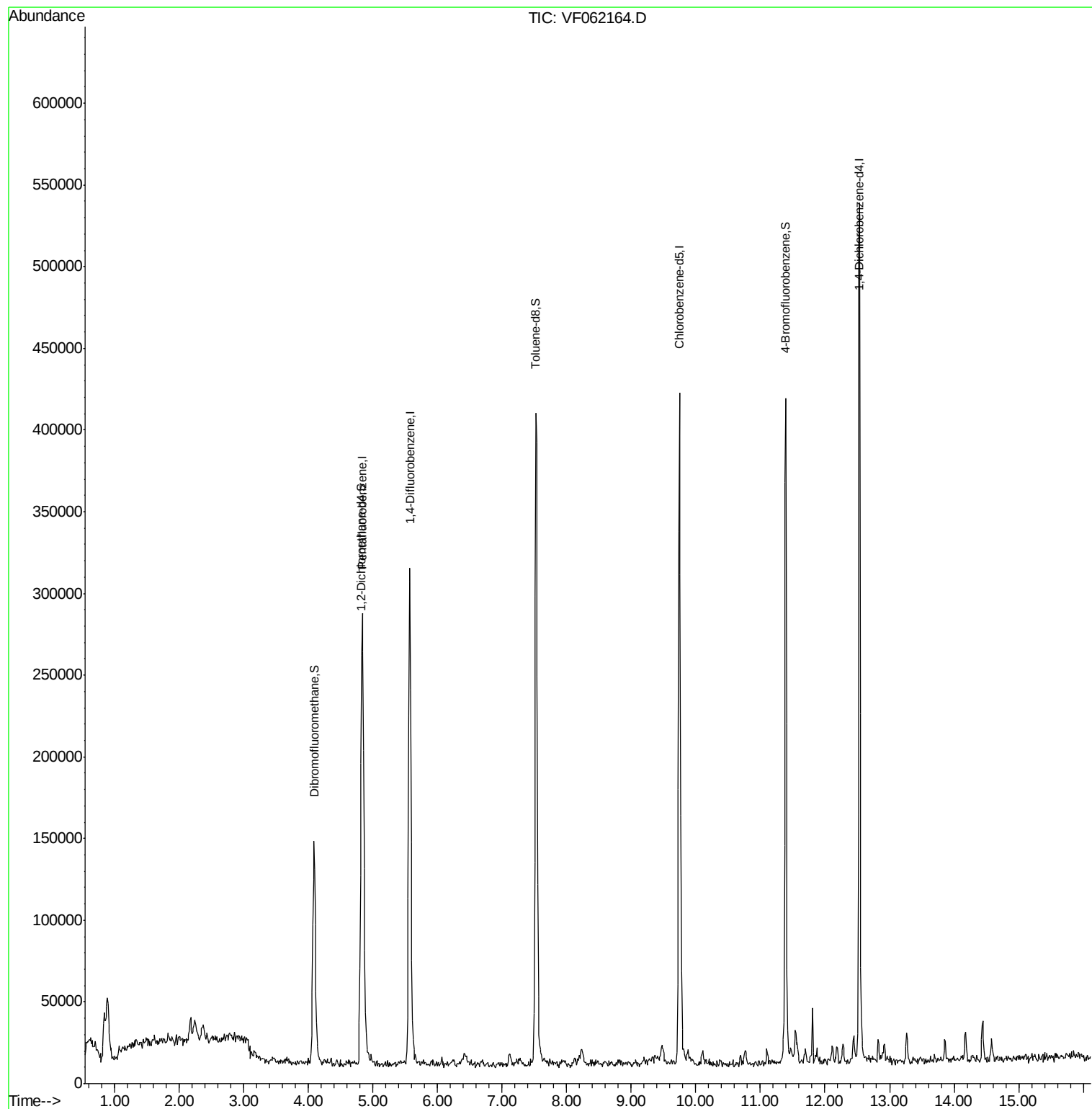
Target Compounds	Qvalue

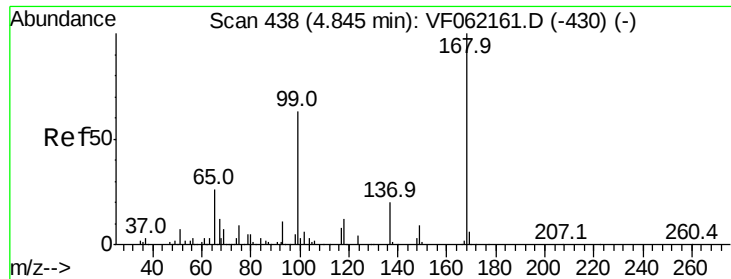
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 438

Delta R.T. -0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

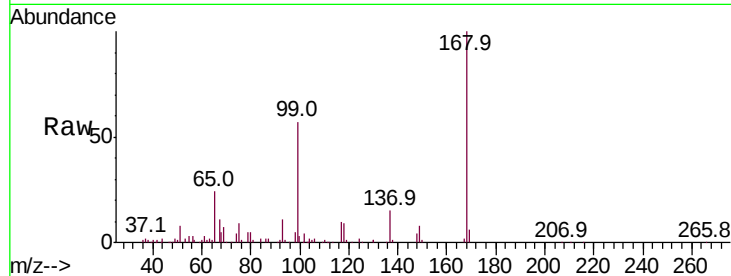
VIBLK

Tot Ion:168 Resp: 220367

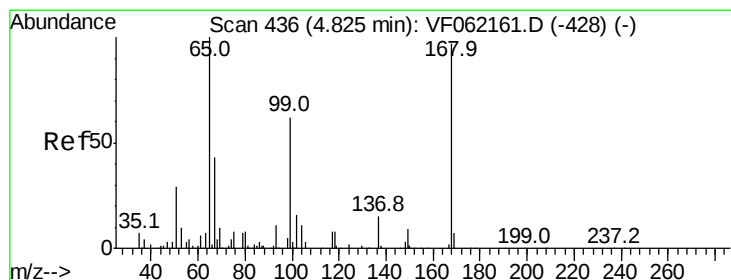
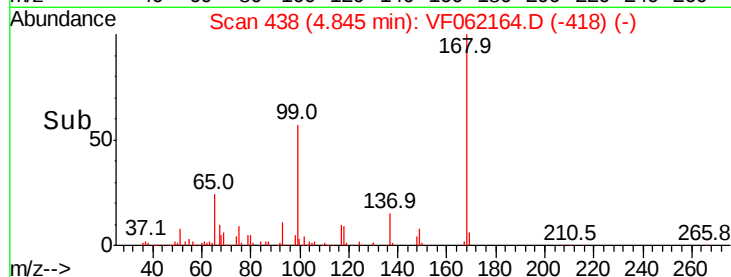
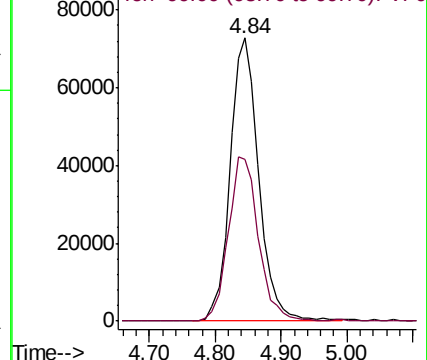
Ion Ratio Lower Upper

168 100

99 57.4 50.5 75.7



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.605 ug/l

RT: 4.82 min Scan# 435

Delta R.T. -0.01 min

Lab File: VF062164.D

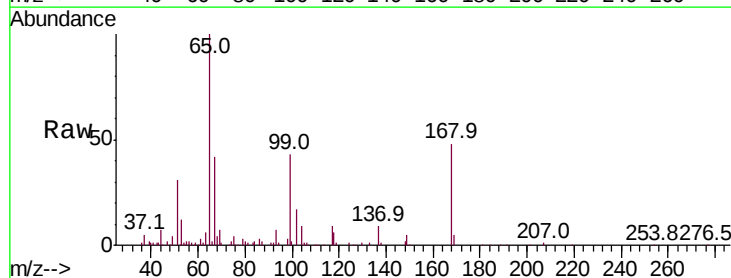
Acq: 4 Apr 2019 18:32

Tgt Ion: 65 Resp: 125710

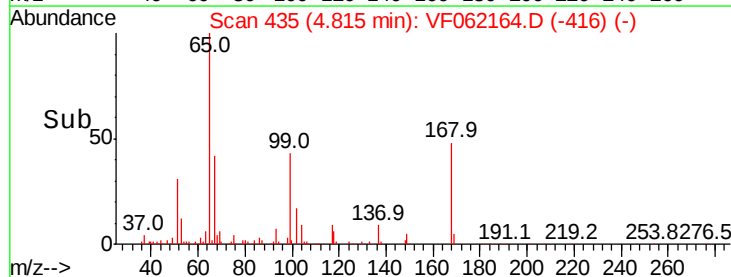
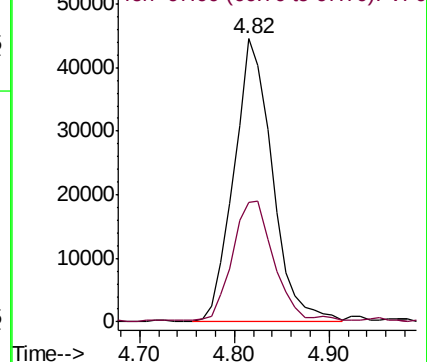
Ion Ratio Lower Upper

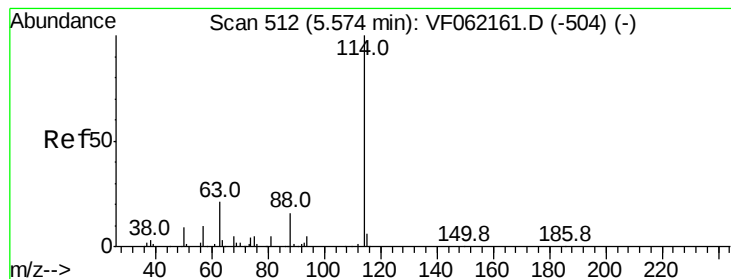
65 100

67 42.1 0.0 96.0



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 512

Delta R.T. -0.00 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

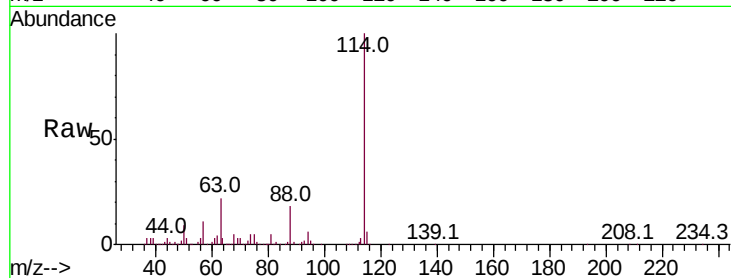
Tot Ion:114 Resp: 354698

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

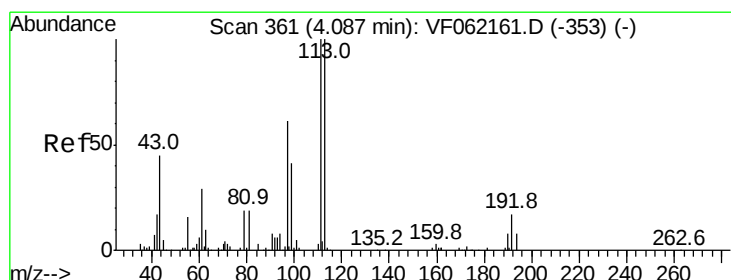
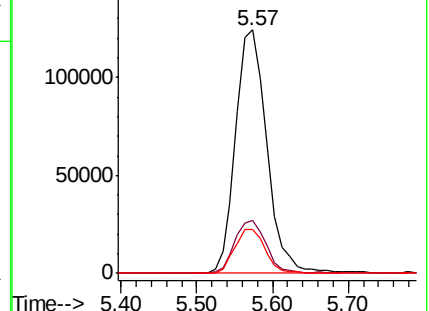
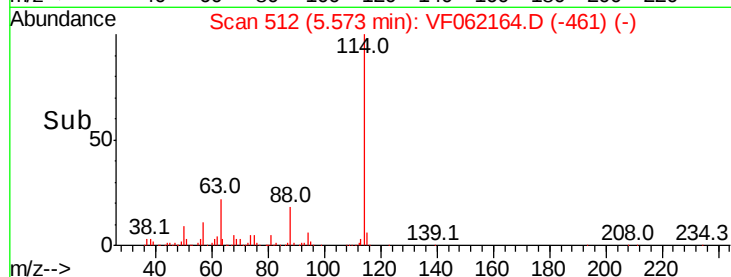
88 17.9 0.0 31.4



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: 46.701 ug/l

RT: 4.09 min Scan# 361

Delta R.T. -0.00 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

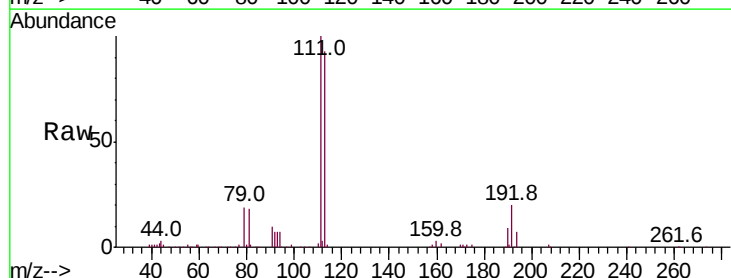
Tgt Ion:113 Resp: 125661

Ion Ratio Lower Upper

113 100

111 107.0 79.8 119.6

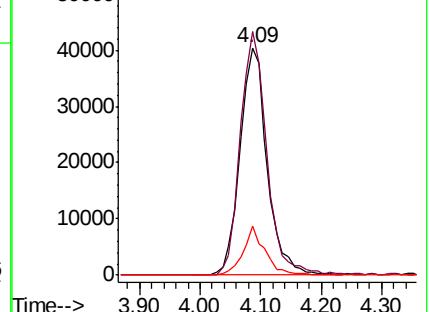
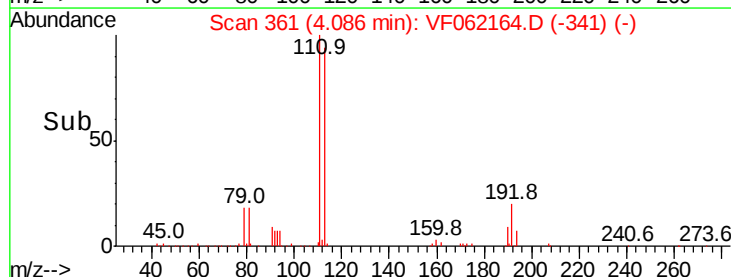
192 21.6 13.8 20.6#

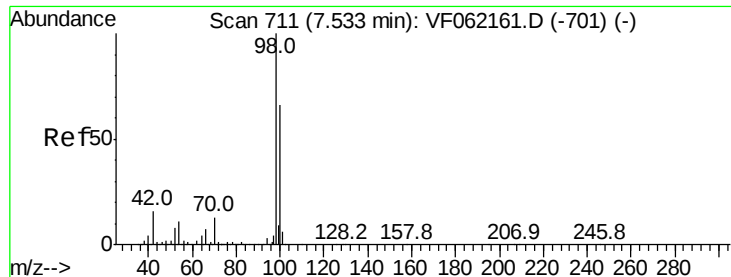


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.997 ug/l

RT: 7.52 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

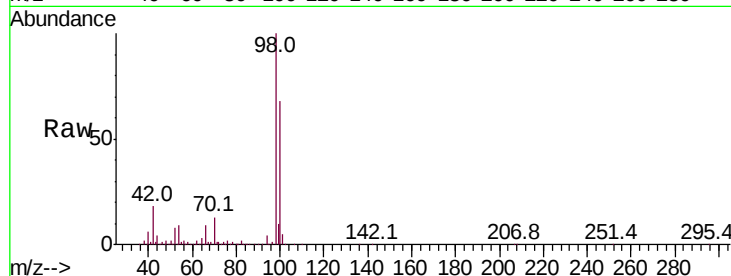
VIBLK

Tot Ion: 98 Resp: 351977

Ion Ratio Lower Upper

98 100

100 67.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

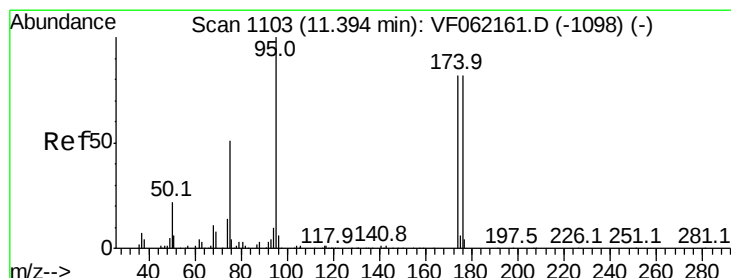
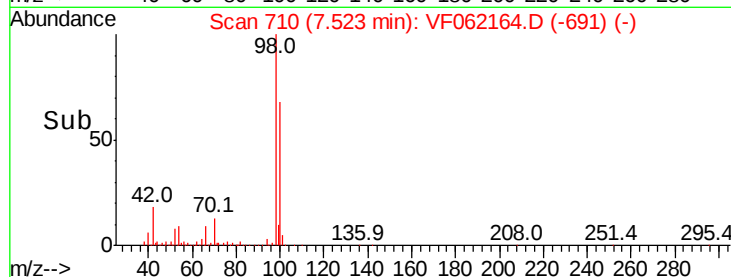
100000

50000

0

7.40 7.50 7.60

Time-->



#62

4-Bromofluorobenzene

Concen: 49.769 ug/l

RT: 11.39 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

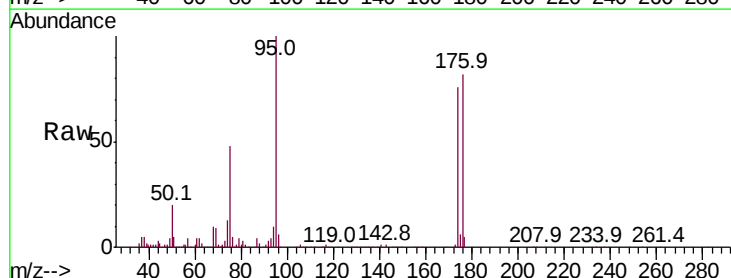
Tgt Ion: 95 Resp: 157306

Ion Ratio Lower Upper

95 100

174 75.7 0.0 164.8

176 82.4 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

120000

100000

80000

60000

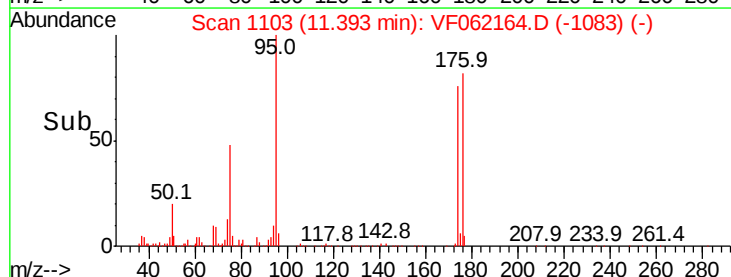
40000

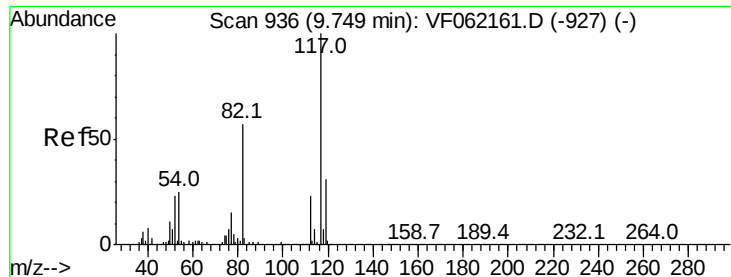
20000

0

11.30 11.40 11.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 936

Delta R.T. -0.00 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

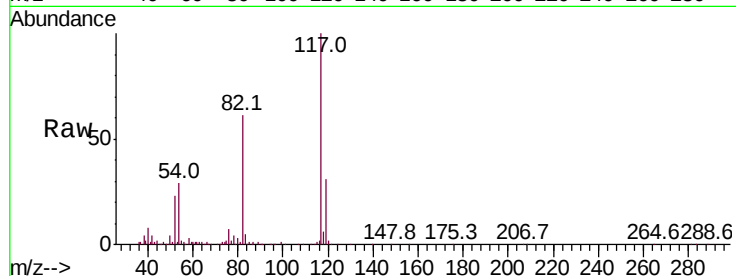
Tot Ion:117 Resp: 275962

Ion Ratio Lower Upper

117 100

82 60.7 45.5 68.3

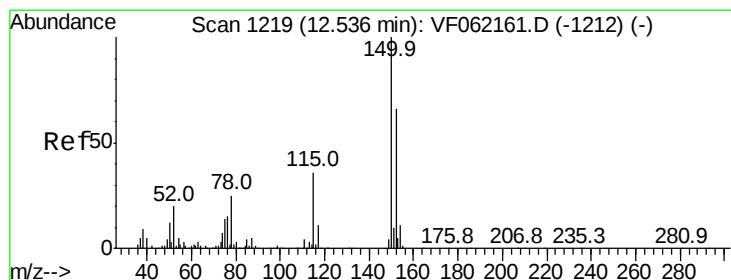
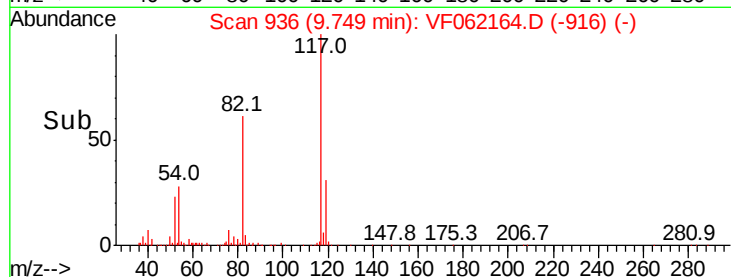
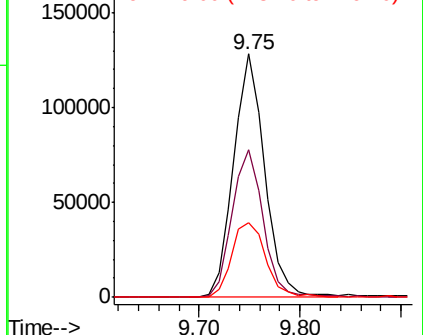
119 30.8 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VF062164.D

Acq: 4 Apr 2019 18:32

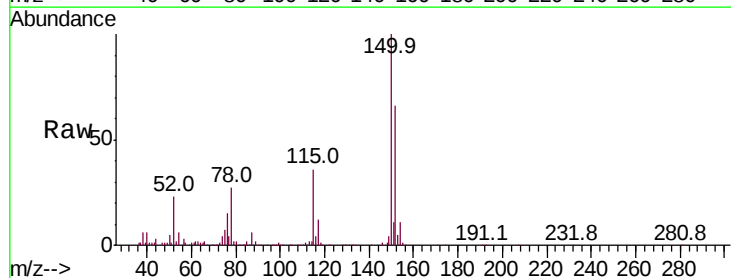
Tgt Ion:152 Resp: 138934

Ion Ratio Lower Upper

152 100

115 55.2 28.3 84.9

150 152.3 0.0 322.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

