

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062657.D
 Acq On : 20 May 2019 13:37
 Operator : FY/SY
 Sample : K2643-05
 Misc : 5.54g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-051619-A

Quant Time: May 21 02:06:52 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	5.08	168	87219	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.80	114	100386	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	50434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	11873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	8268	13.41	ug/l	0.01
Spiked Amount			Recovery	=	26.82%	
35) Dibromofluoromethane	4.32	113	19196	24.99	ug/l	0.00
Spiked Amount			Recovery	=	49.98%	
50) Toluene-d8	7.73	98	62247	33.94	ug/l	0.01
Spiked Amount			Recovery	=	67.88%	
62) 4-Bromofluorobenzene	11.50	95	13168	18.93	ug/l	0.00
Spiked Amount			Recovery	=	37.86%	

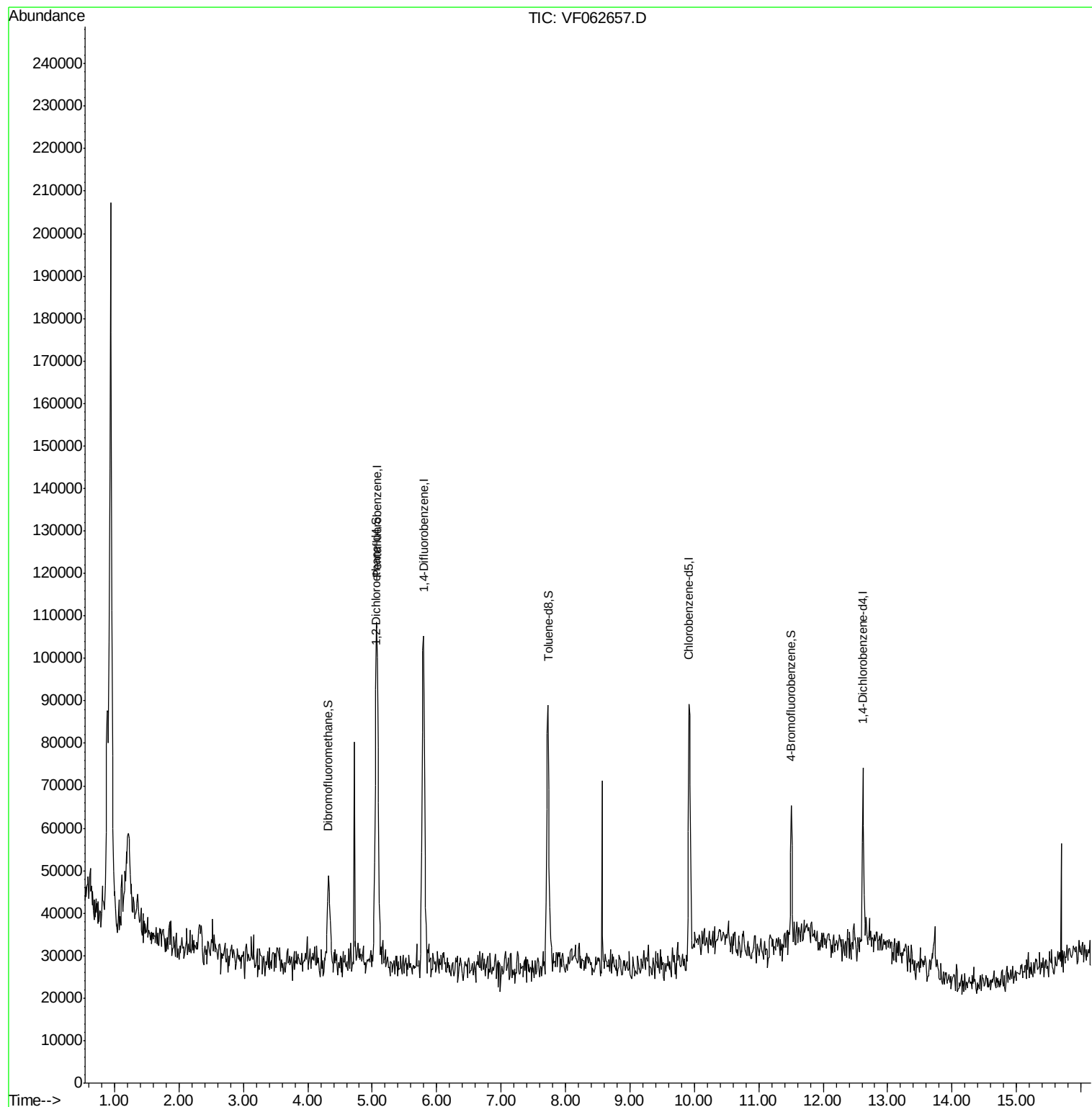
Target Compounds	Qvalue
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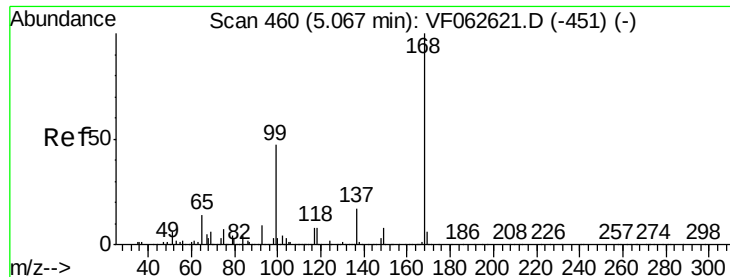
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062657.D

Acq: 20 May 2019 13:37

Instrument :

MSVOA_F

ClientSampleId :

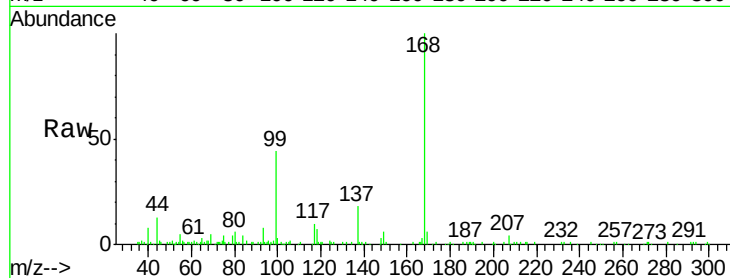
OR-02-051619-A

Tot Ion:168 Resp: 87219

Ion Ratio Lower Upper

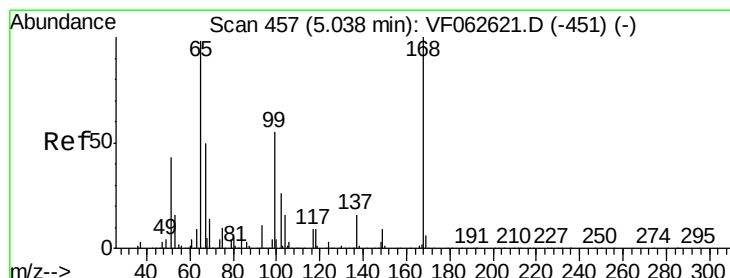
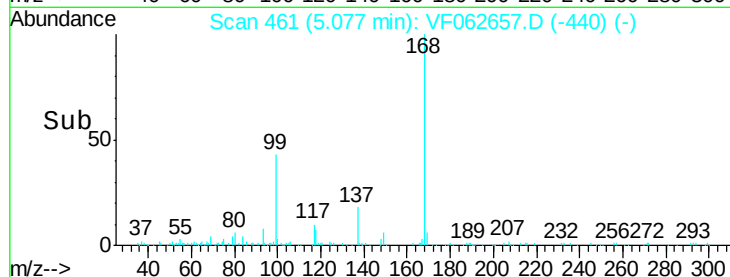
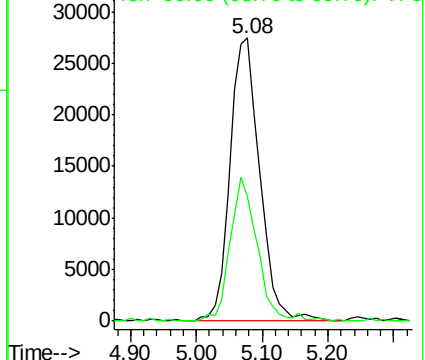
168 100

99 43.9 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 13.415 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062657.D

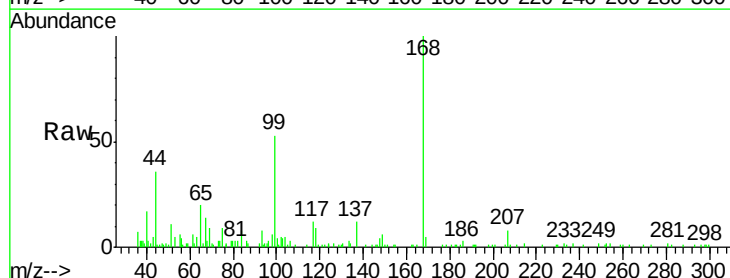
Acq: 20 May 2019 13:37

Tgt Ion: 65 Resp: 8268

Ion Ratio Lower Upper

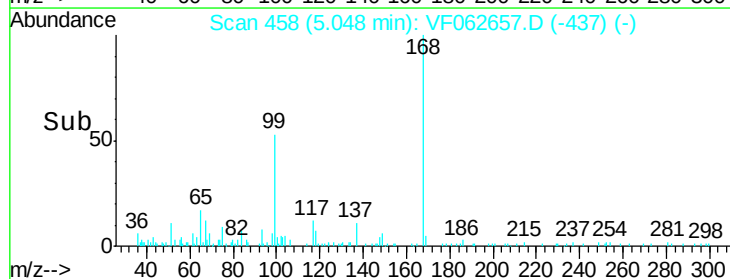
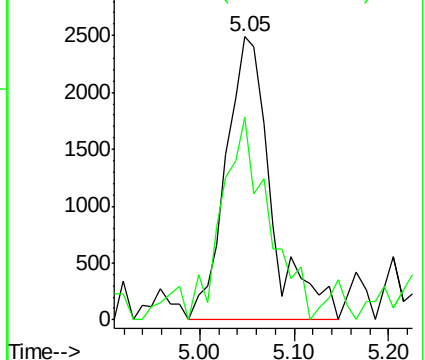
65 100

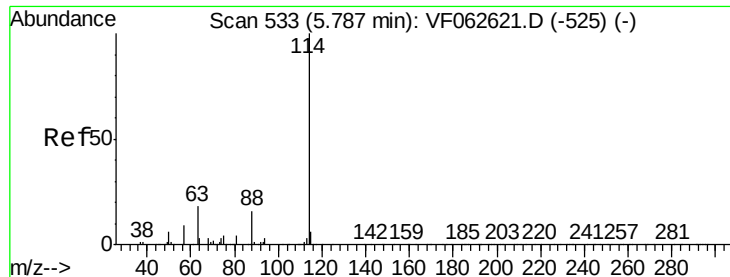
67 71.8 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062657.D

Acq: 20 May 2019 13:37

Instrument :

MSVOA_F

ClientSampleId :

OR-02-051619-A

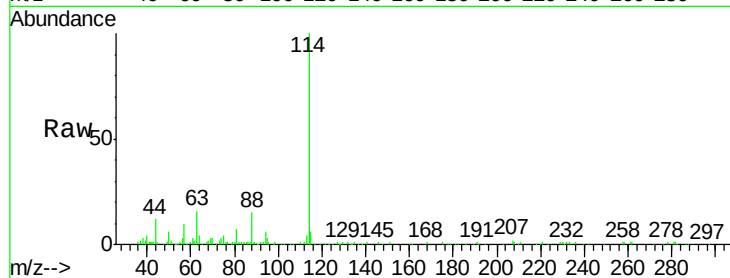
Tot Ion:114 Resp: 100386

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.4

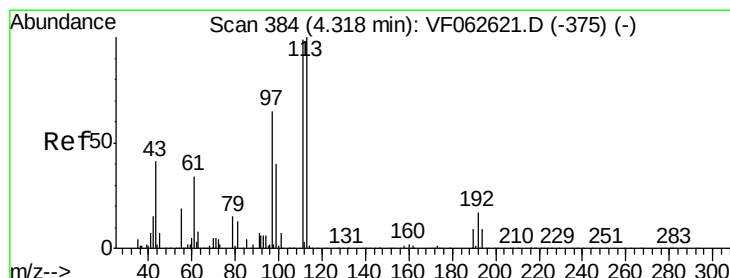
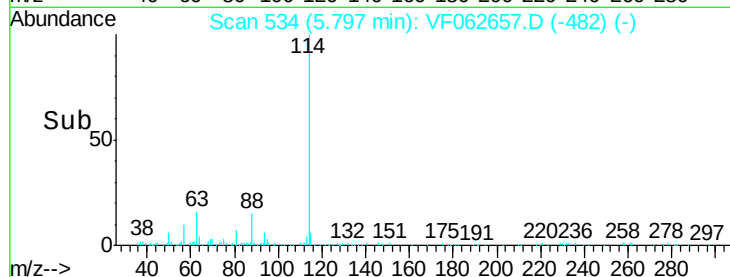
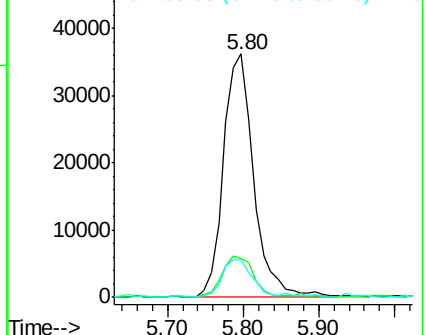
88 15.3 0.0 32.4



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: 24.990 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062657.D

Acq: 20 May 2019 13:37

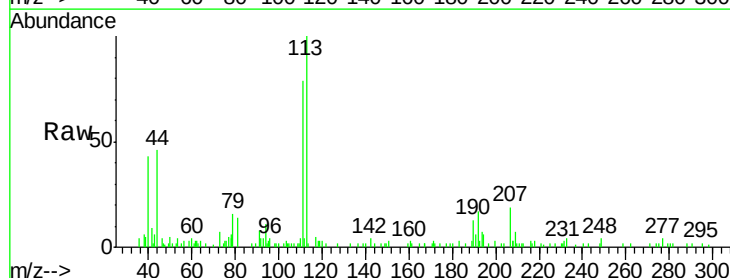
Tgt Ion:113 Resp: 19196

Ion Ratio Lower Upper

113 100

111 77.0 79.4 119.2#

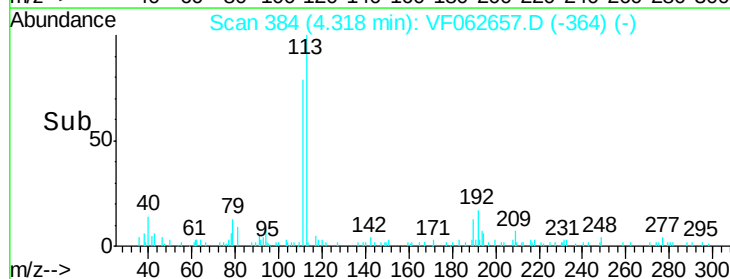
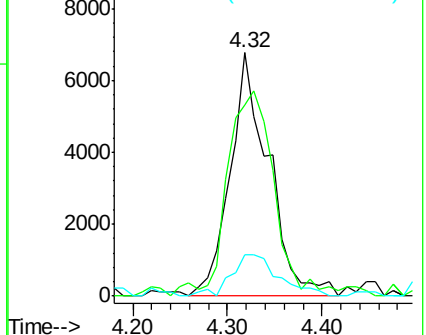
192 16.5 13.4 20.2

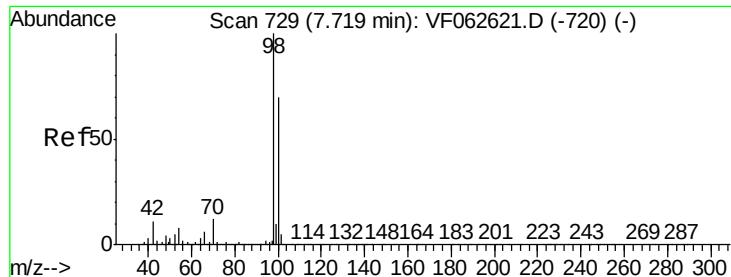


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.939 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF062657.D

Acq: 20 May 2019 13:37

Instrument :

MSVOA_F

ClientSampleId :

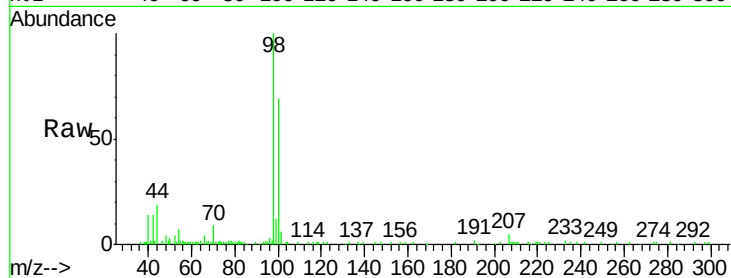
OR-02-051619-A

Tot Ion: 98 Resp: 62247

Ion Ratio Lower Upper

98 100

100 69.3 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.73

25000

20000

15000

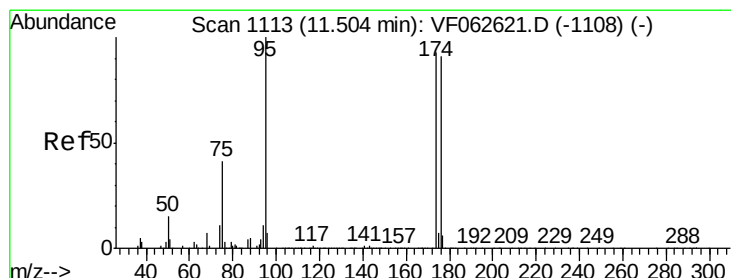
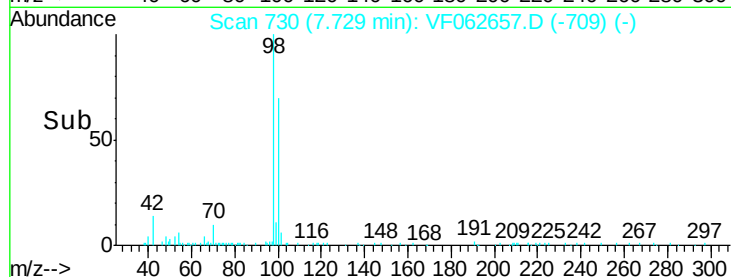
10000

5000

0

Time-->

7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 18.930 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062657.D

Acq: 20 May 2019 13:37

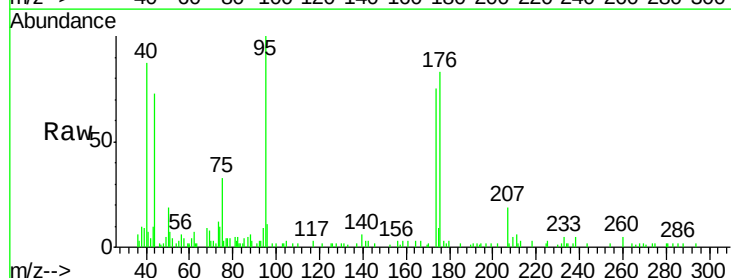
Tgt Ion: 95 Resp: 13168

Ion Ratio Lower Upper

95 100

174 75.4 0.0 185.6

176 83.4 0.0 182.4



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

10000

8000

6000

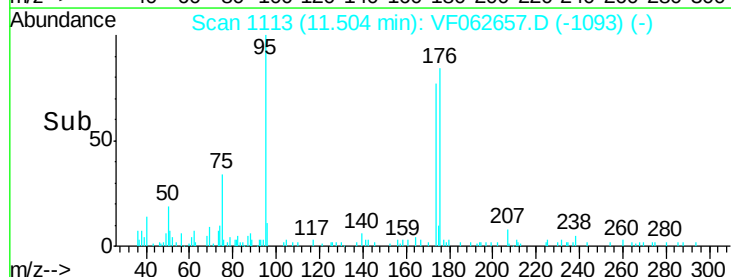
4000

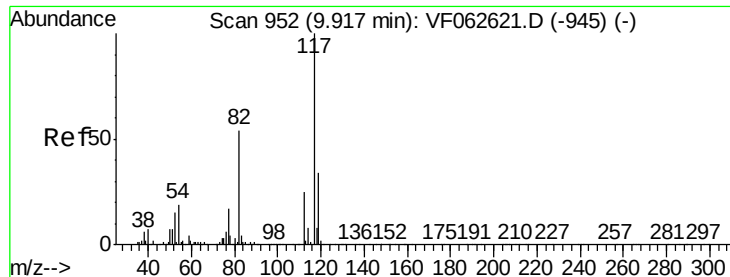
2000

0

Time-->

11.40 11.45 11.50 11.55

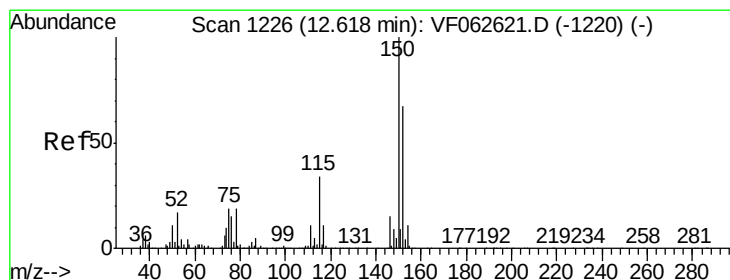
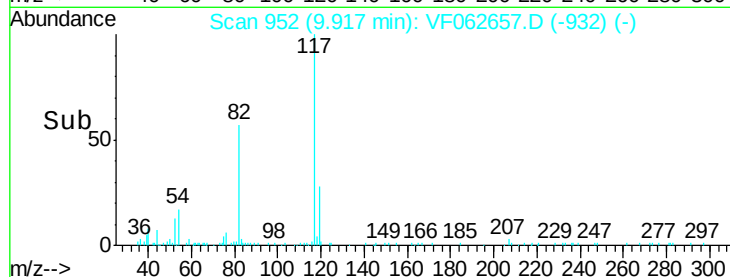
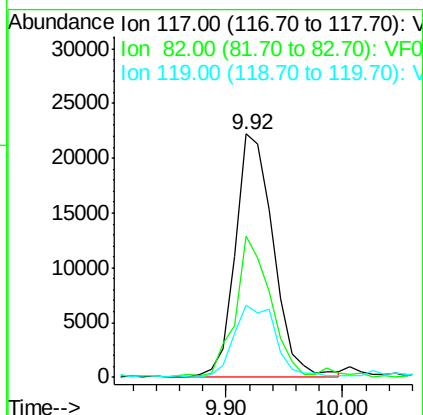
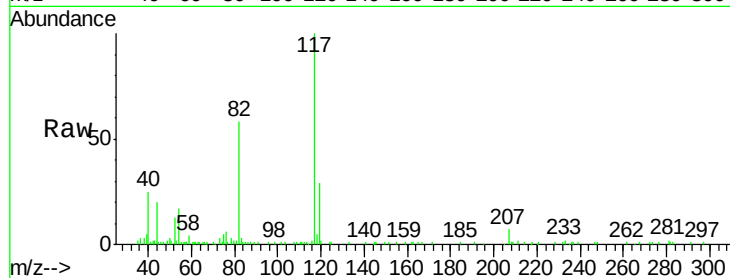




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062657.D
Acq: 20 May 2019 13:37

Instrument :
MSVOA_F
ClientSampleId :
OR-02-051619-A

Tot Ion:117 Resp: 50434
Ion Ratio Lower Upper
117 100
82 58.2 43.3 64.9
119 29.4 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: VF062657.D
Acq: 20 May 2019 13:37

Tgt Ion:152 Resp: 11873
Ion Ratio Lower Upper
152 100
115 66.8 25.2 75.6
150 142.5 0.0 306.2

