

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062325.D
 Acq On : 29 Apr 2019 21:00
 Operator : FY/SY
 Sample : K2194-09RE
 Misc : 6.09g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-042919-ERE

Quant Time: Apr 30 04:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

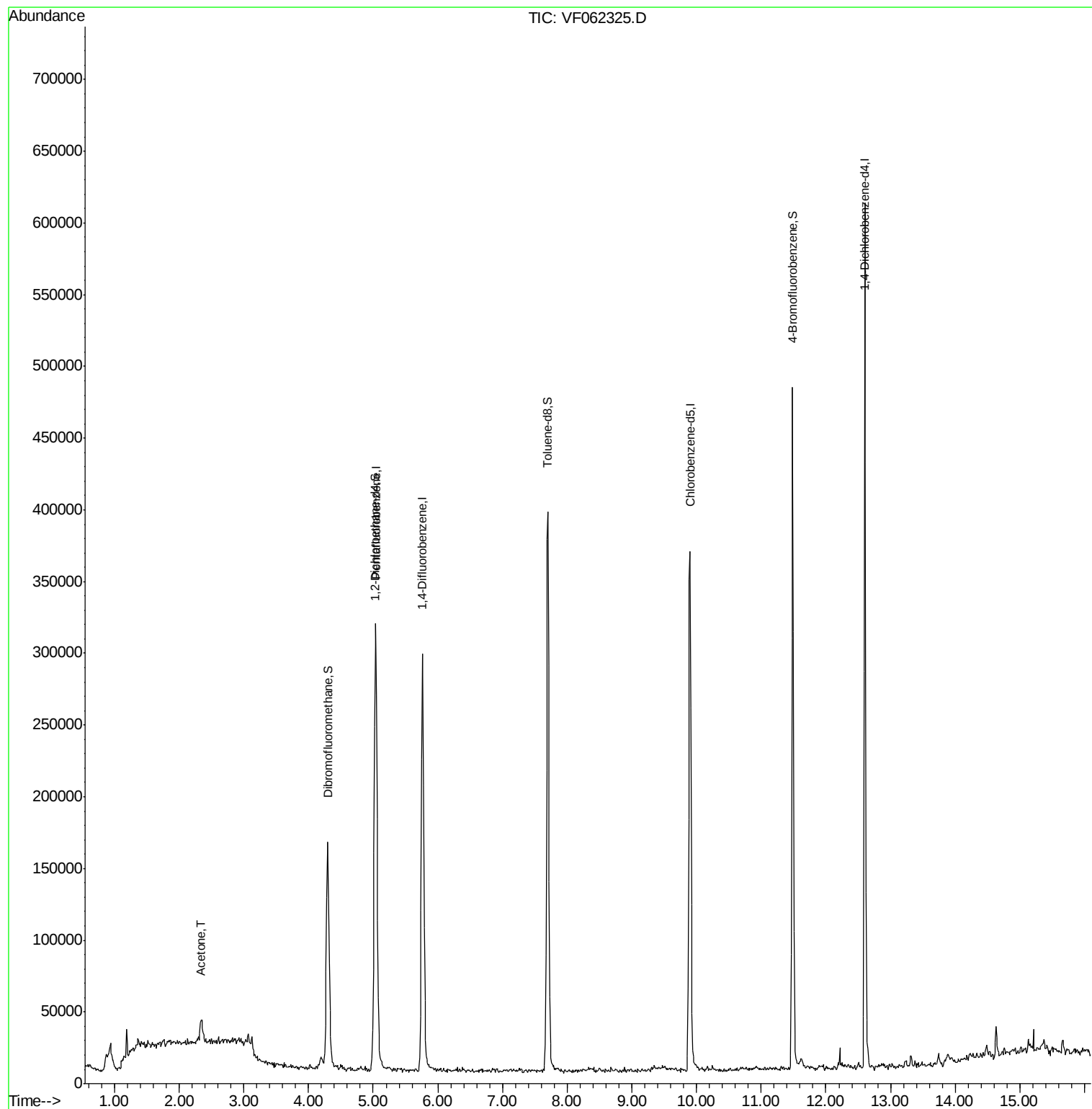
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	255975	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.77	114	344491	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	271156	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	154904	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	130376	62.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	125.76%	
35) Dibromofluoromethane	4.30	113	147137	57.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.22%	
50) Toluene-d8	7.70	98	340225	54.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.49	95	150011	58.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.66%	
Target Compounds						
16) Acetone	2.35	43	27999	60.312	ug/l #	Qvalue 89

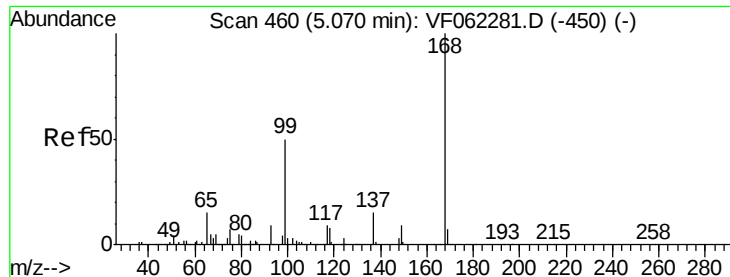
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.03 min

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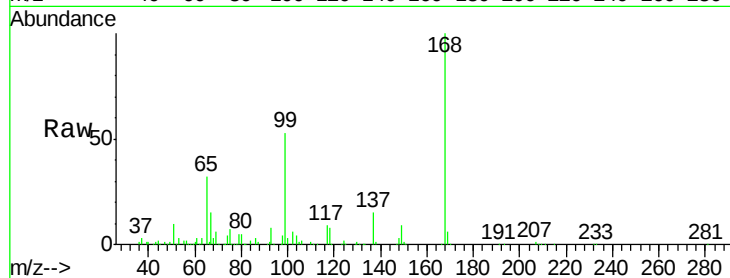
JC-03-042919-ERE

Tot Ion:168 Resp: 255975

Ion Ratio Lower Upper

168 100

99 53.4 40.0 60.0

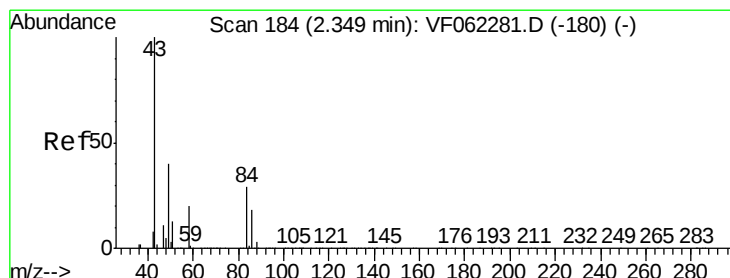
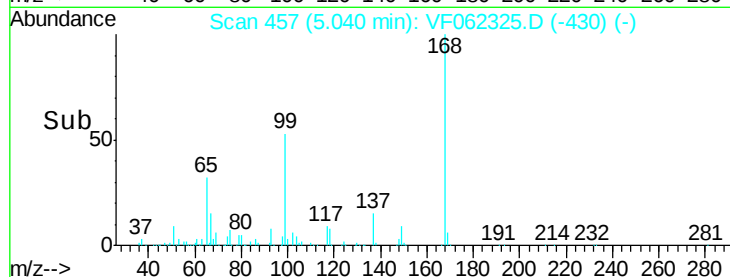


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.04

Time--> 4.80 5.00 5.20 5.40



#16

Acetone

Concen: 60.312 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062325.D

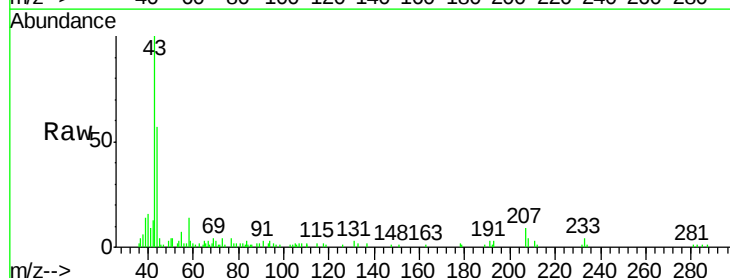
Acq: 29 Apr 2019 21:00

Tgt Ion: 43 Resp: 27999

Ion Ratio Lower Upper

43 100

58 15.2 16.4 24.6#

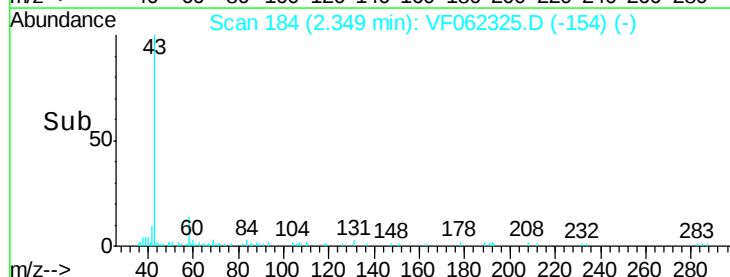


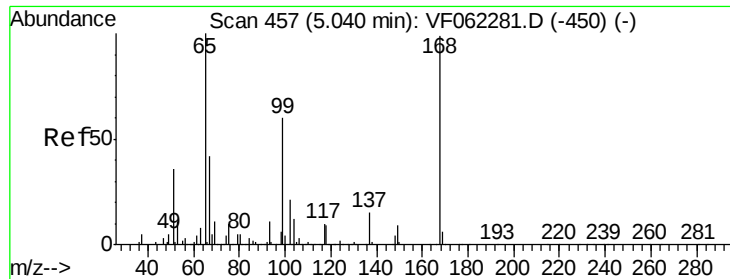
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

Time--> 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 62.879 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

Instrument :

MSVOA_F

ClientSampleId :

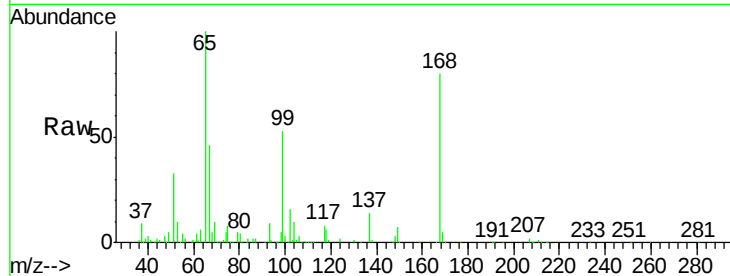
JC-03-042919-ERE

Tot Ion: 65 Resp: 130376

Ion Ratio Lower Upper

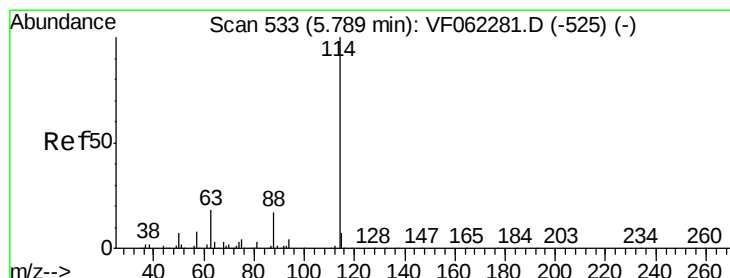
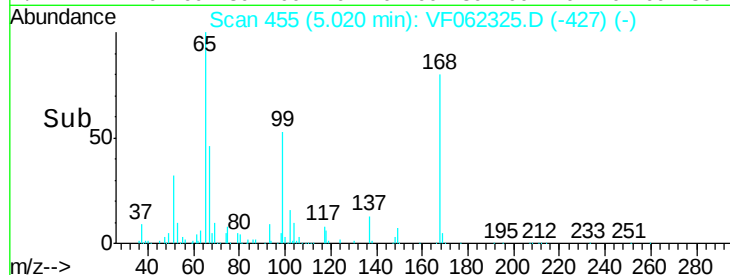
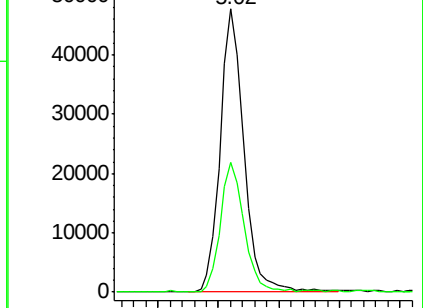
65 100

67 45.8 0.0 98.8



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: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

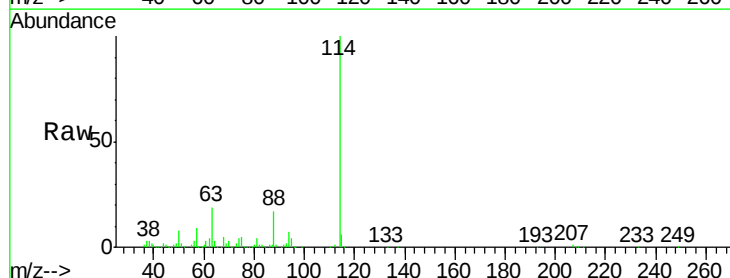
Tgt Ion: 114 Resp: 344491

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

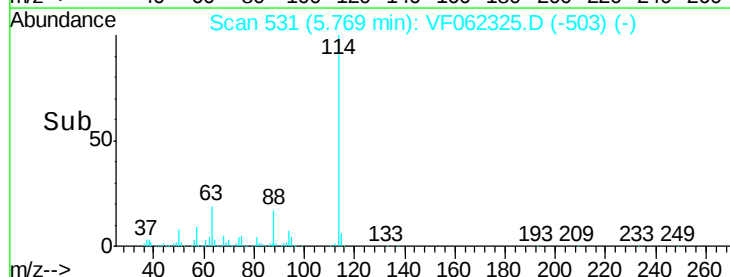
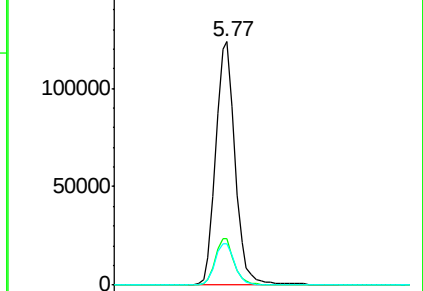
88 17.2 0.0 34.6

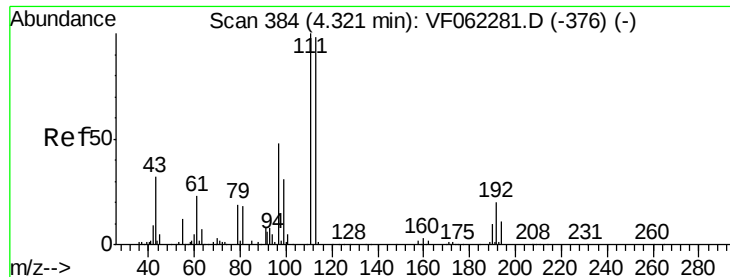


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 57.605 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

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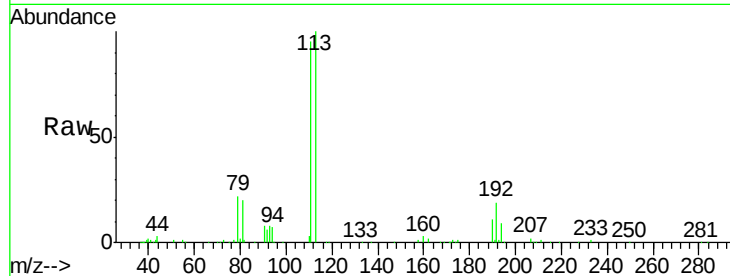
Tot Ion:113 Resp: 147137

Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.2

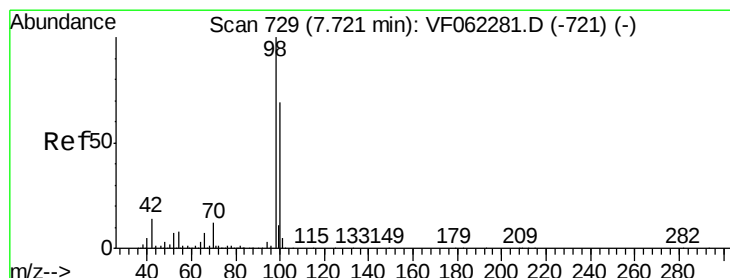
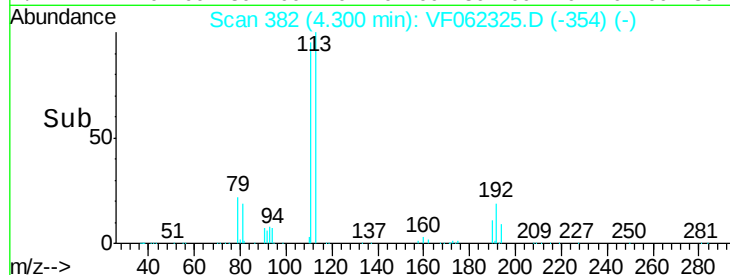
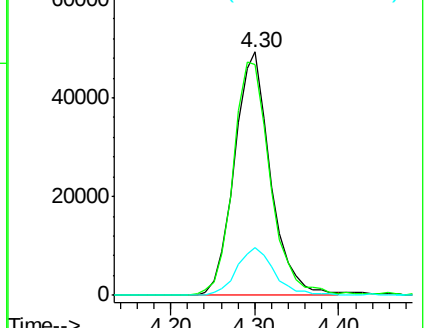
192 20.3 17.0 25.4



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: 54.532 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF062325.D

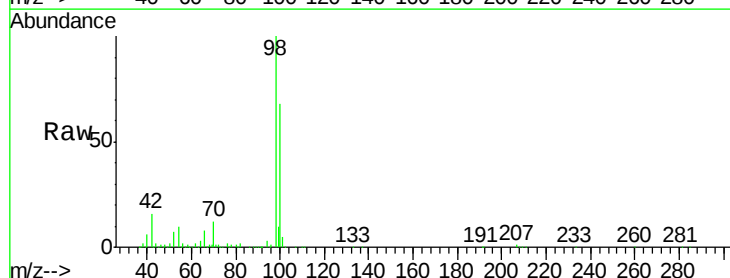
Acq: 29 Apr 2019 21:00

Tgt Ion: 98 Resp: 340225

Ion Ratio Lower Upper

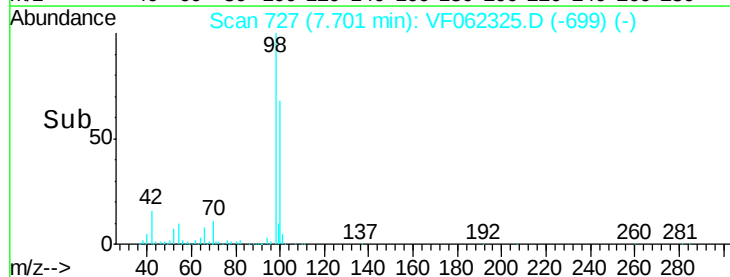
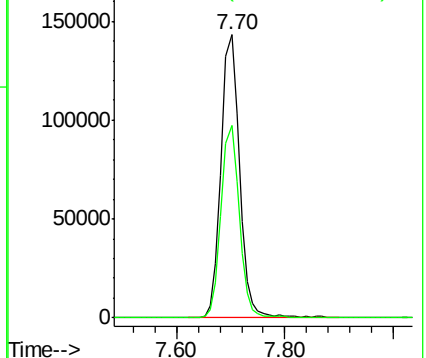
98 100

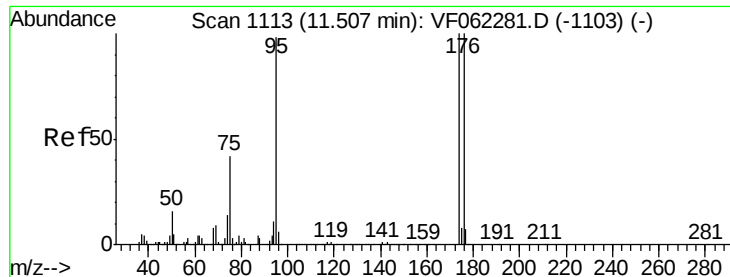
100 66.9 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 58.333 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

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JC-03-042919-ERE

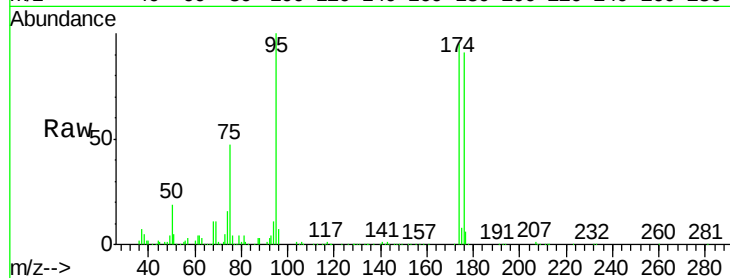
Tot Ion: 95 Resp: 150011

Ion Ratio Lower Upper

95 100

174 97.1 0.0 185.2

176 96.4 0.0 184.8



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

120000

100000

80000

60000

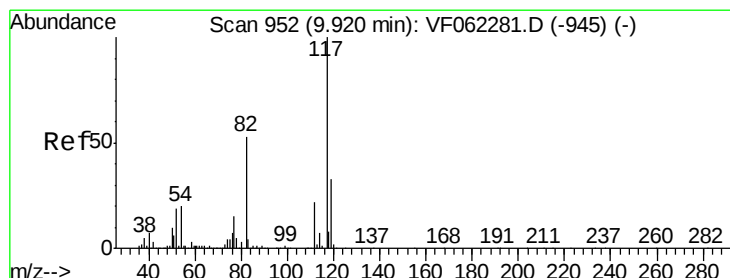
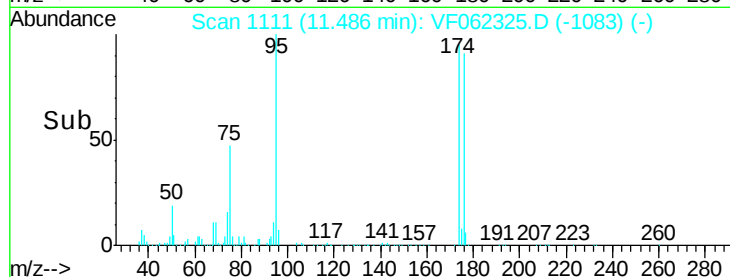
40000

20000

0

11.40 11.50 11.60

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

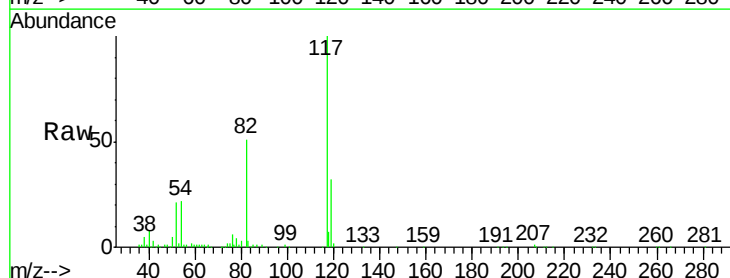
Tgt Ion: 117 Resp: 271156

Ion Ratio Lower Upper

117 100

82 51.4 42.6 64.0

119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V

150000

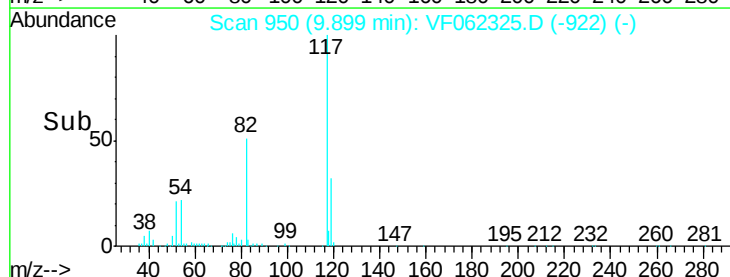
100000

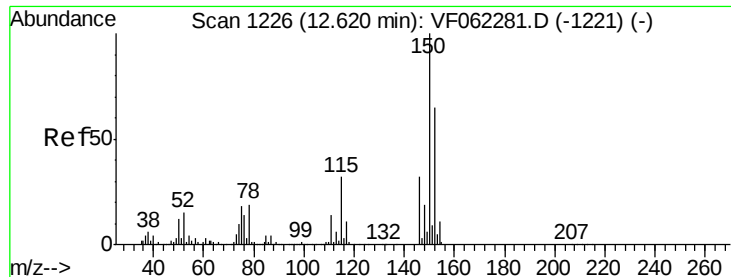
50000

0

9.80 9.90 10.00

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VF062325.D

Acq: 29 Apr 2019 21:00

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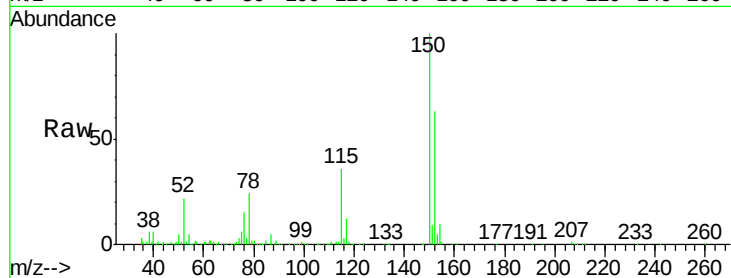
Tot Ion:152 Resp: 154904

Ion Ratio Lower Upper

152 100

115 55.4 25.6 76.8

150 156.0 0.0 330.6



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

