

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062865.D
 Acq On : 5 Jun 2019 15:10
 Operator : FY/SY
 Sample : K3151-05RE
 Misc : 5.12g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-06-060419-CRE

Quant Time: Jun 06 08:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

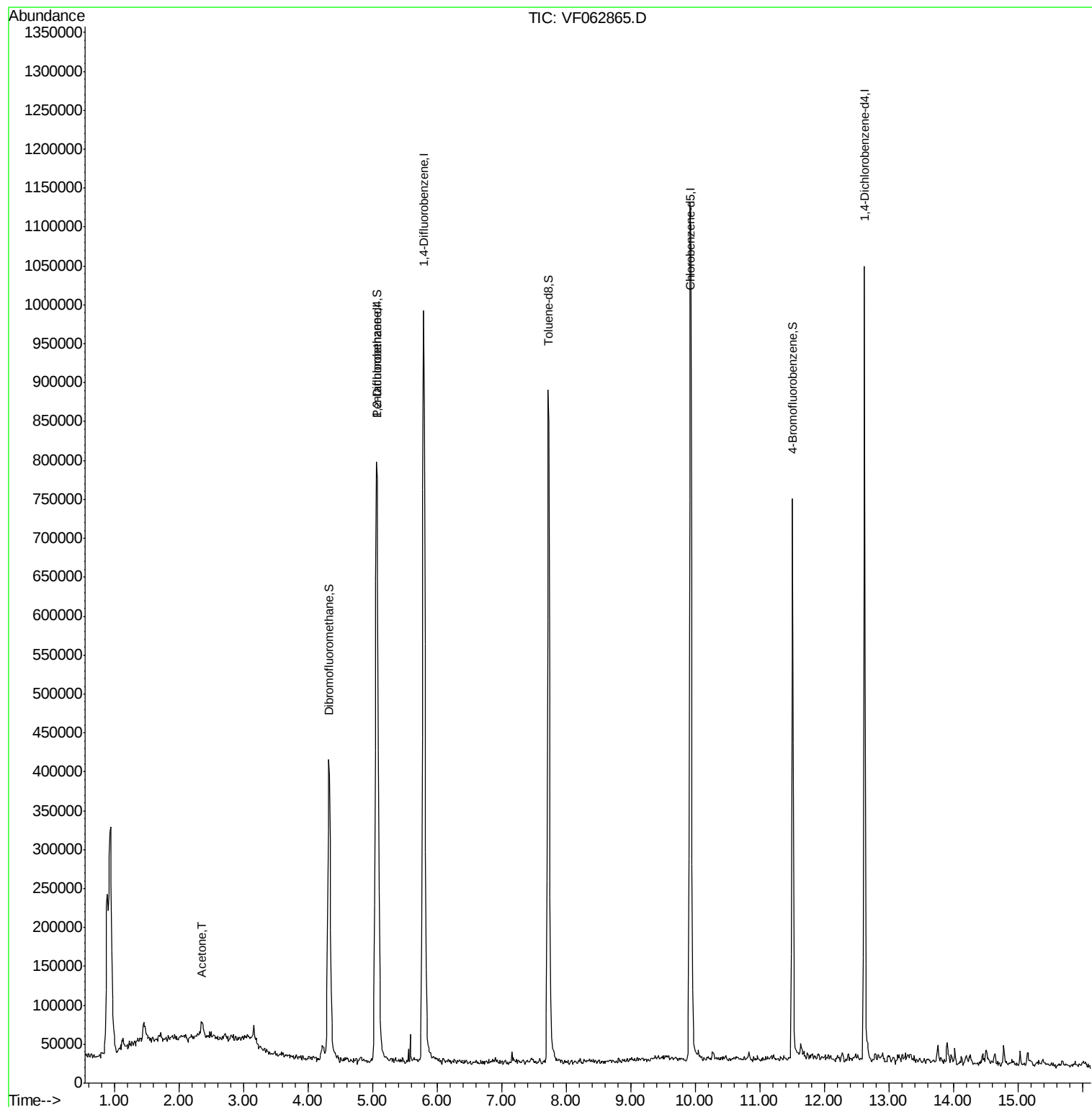
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.07	168	700649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1195998	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	895449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	248026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	221302	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
35) Dibromofluoromethane	4.33	113	387371	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
50) Toluene-d8	7.72	98	781618	34.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.40%	
62) 4-Bromofluorobenzene	11.51	95	254723	30.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.98%	
Target Compounds						Qvalue
16) Acetone	2.36	43	29930	26.990	ug/l	98
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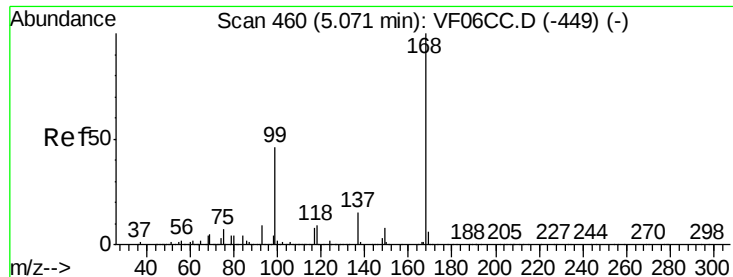
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

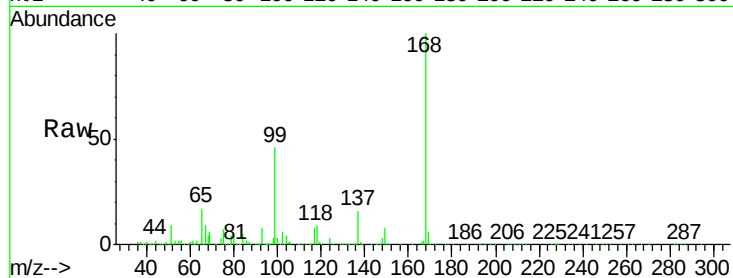
AU-06-060419-CRE

Tot Ion:168 Resp: 700649

Ion Ratio Lower Upper

168 100

99 46.0 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

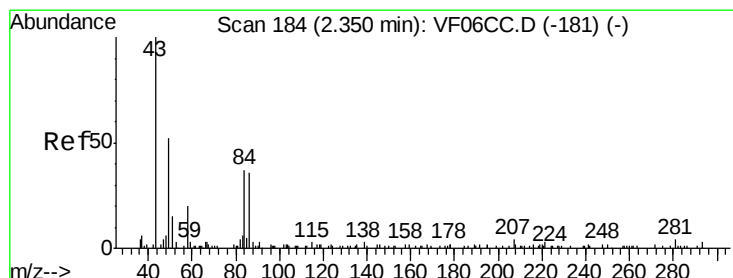
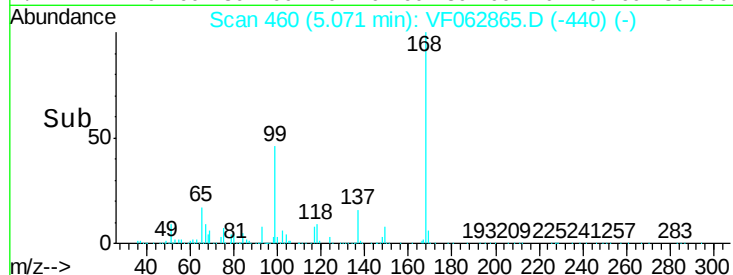
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 26.990 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062865.D

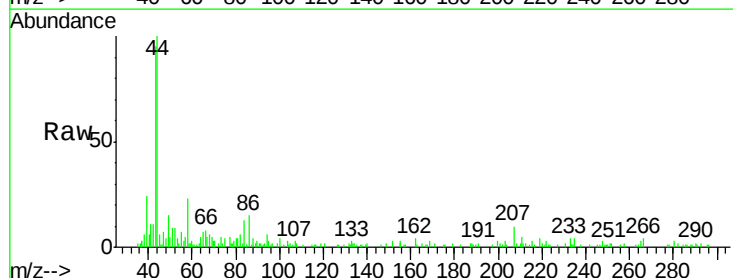
Acq: 5 Jun 2019 15:10

Tgt Ion: 43 Resp: 29930

Ion Ratio Lower Upper

43 100

58 24.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

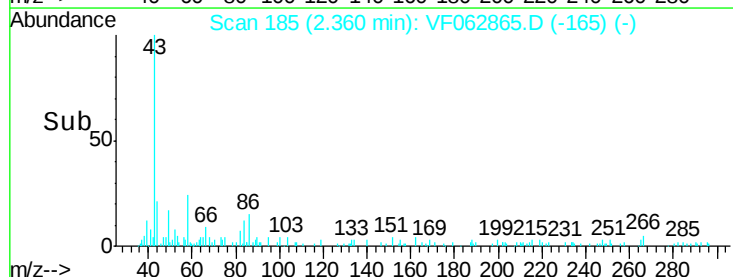
6000

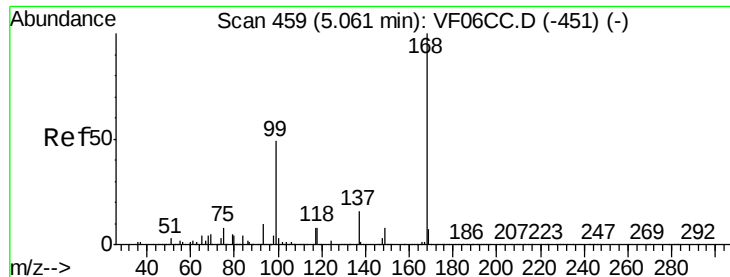
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.676 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

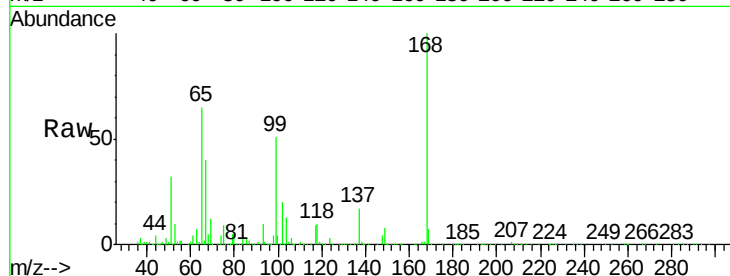
AU-06-060419-CRE

Tot Ion: 65 Resp: 221302

Ion Ratio Lower Upper

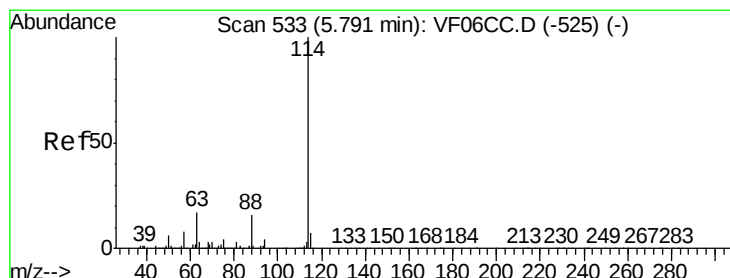
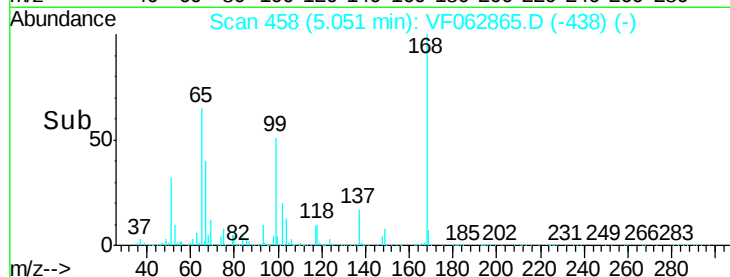
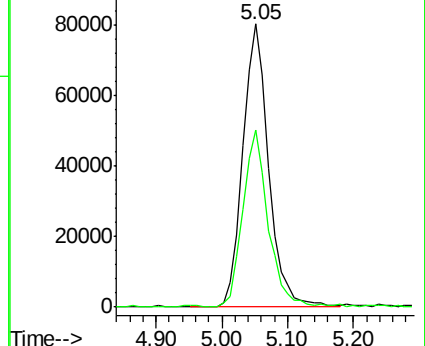
65 100

67 62.6 0.0 121.2



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: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

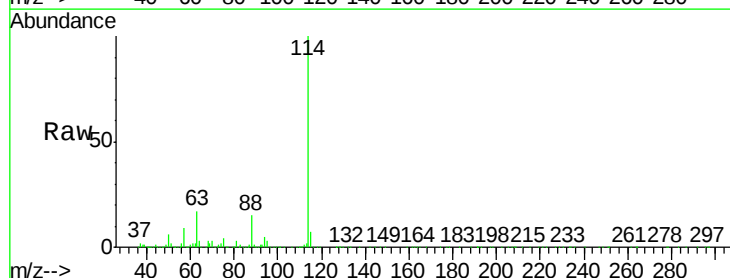
Tgt Ion: 114 Resp: 1195998

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.2

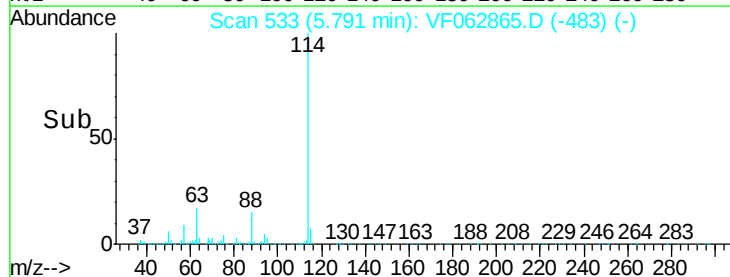
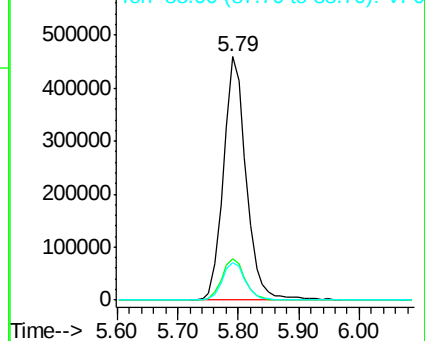
88 15.4 0.0 31.2

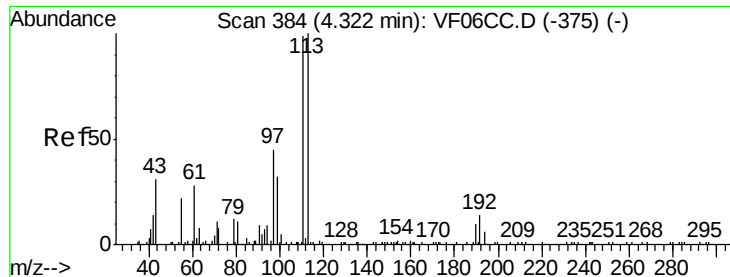


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

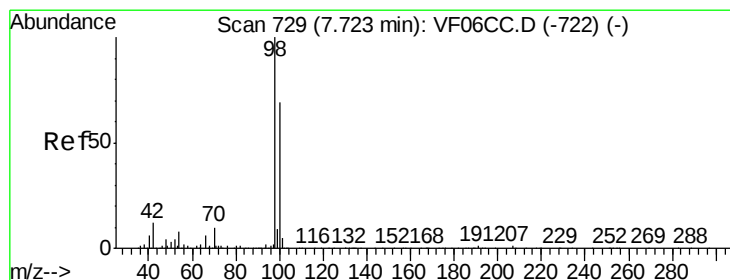
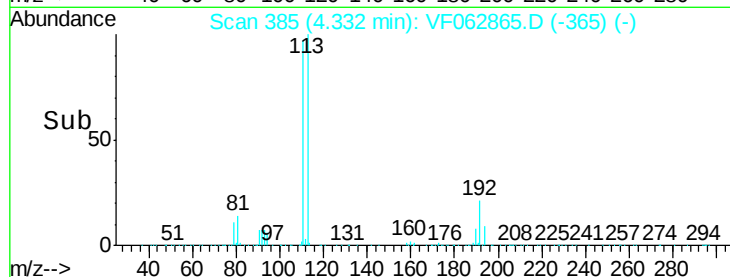
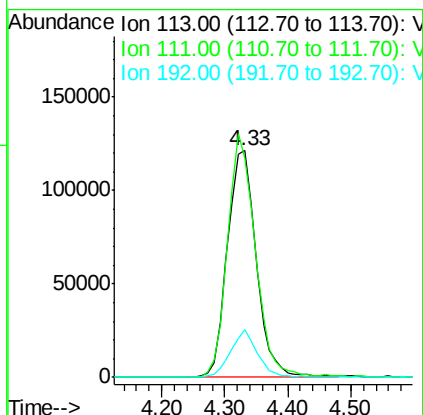
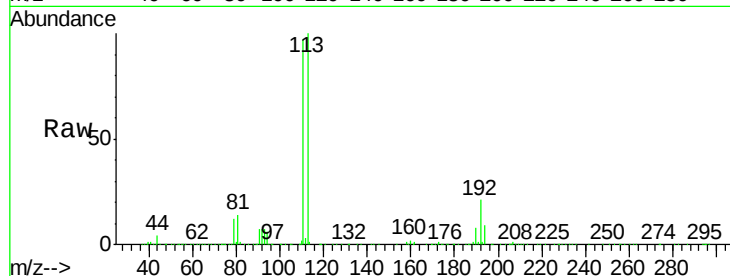




#35
Dibromofluoromethane
Concen: 42.862 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062865.D
Acq: 5 Jun 2019 15:10

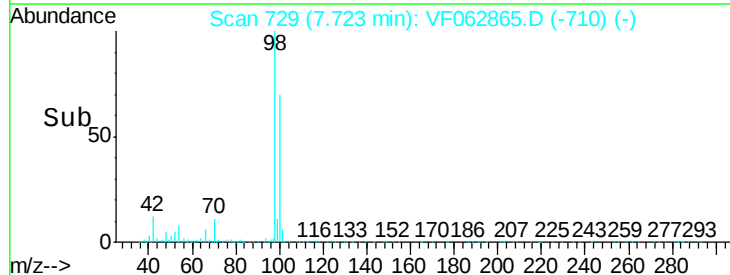
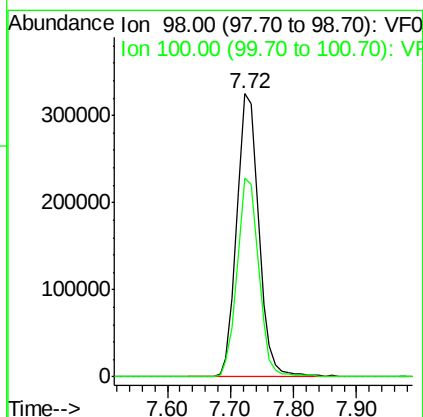
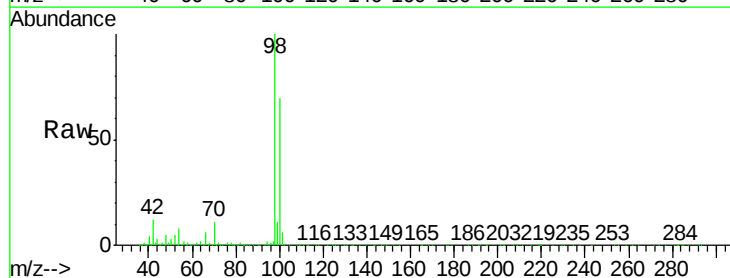
Instrument :
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AU-06-060419-CRE

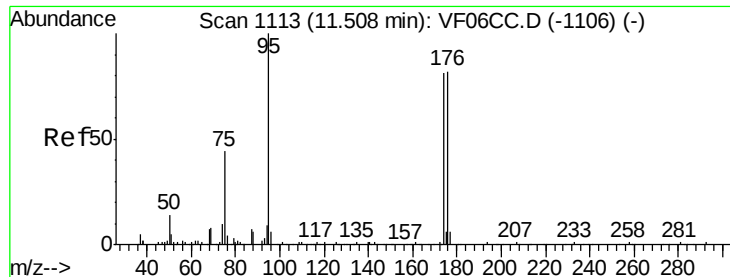
Tot Ion:113 Resp: 387371
Ion Ratio Lower Upper
113 100
111 96.8 81.9 122.9
192 20.9 15.1 22.7



#50
Toluene-d8
Concen: 34.200 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062865.D
Acq: 5 Jun 2019 15:10

Tgt Ion: 98 Resp: 781618
Ion Ratio Lower Upper
98 100
100 70.5 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 30.985 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-CRE

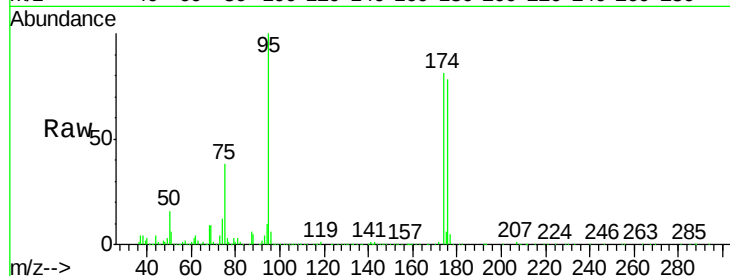
Tot Ion: 95 Resp: 254723

Ion Ratio Lower Upper

95 100

174 81.0 0.0 170.6

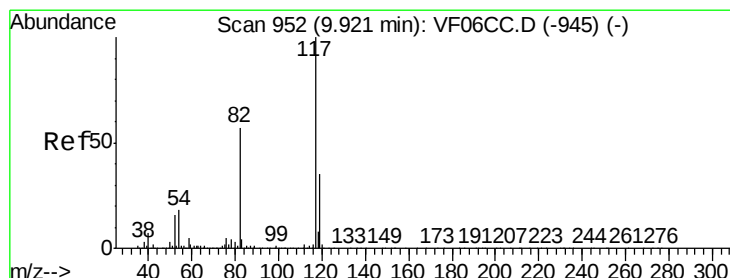
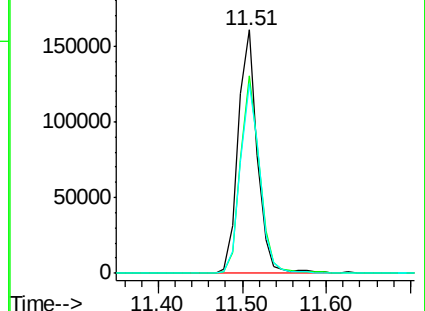
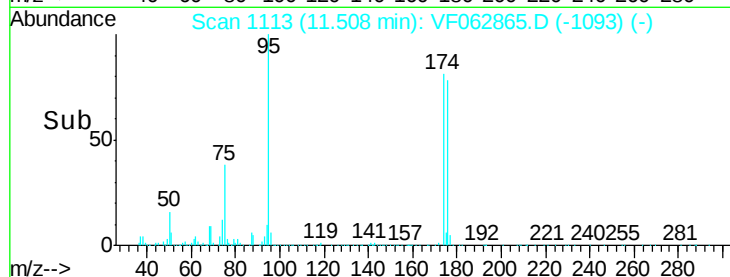
176 78.2 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

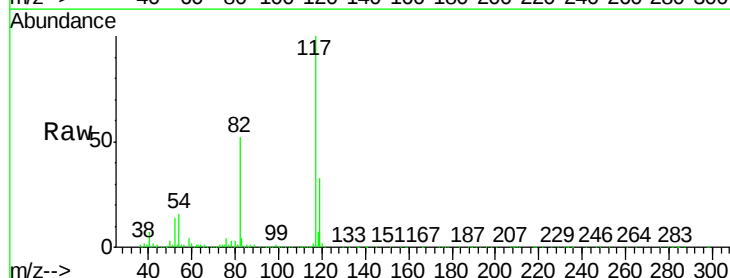
Tgt Ion: 117 Resp: 895449

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

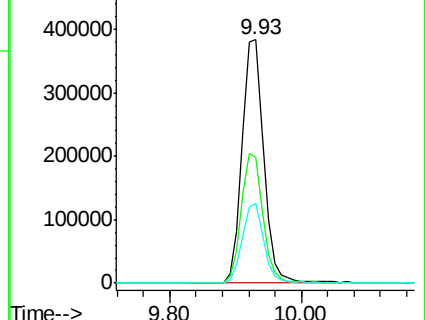
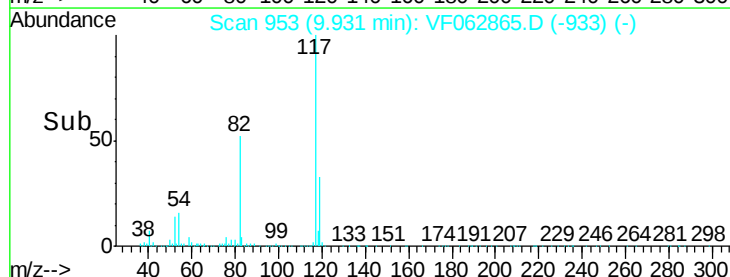
119 32.9 27.1 40.7

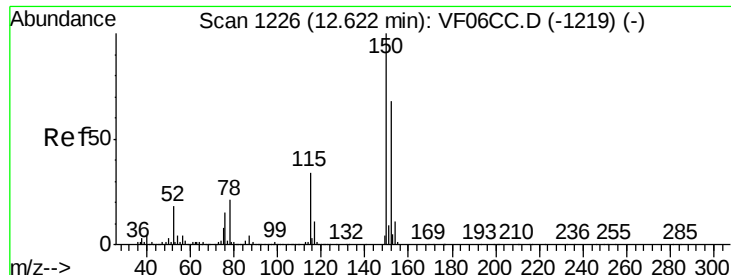


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062865.D

Acq: 5 Jun 2019 15:10

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-CRE

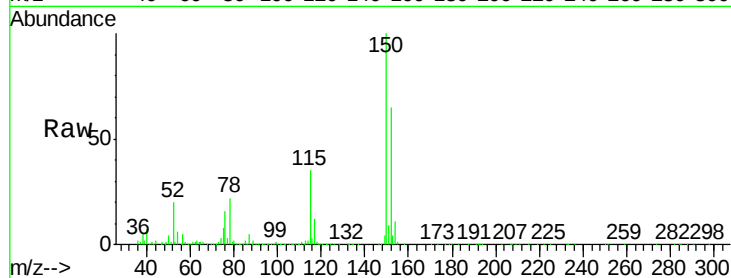
Tot Ion:152 Resp: 248026

Ion Ratio Lower Upper

152 100

115 53.7 24.6 74.0

150 154.7 0.0 290.6



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

