

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062365.D
 Acq On : 7 May 2019 18:49
 Operator : FY/SY
 Sample : K2639-01
 Misc : 5.85g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-050319-A

Quant Time: May 08 01:22:54 2019
 Quant Method : Z:\VOASRV\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	5.05	168	395090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	575672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	443554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	249210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	130312	34.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.80%	
35) Dibromofluoromethane	4.30	113	182820	39.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.72%	
50) Toluene-d8	7.70	98	400862	36.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.22%	
62) 4-Bromofluorobenzene	11.48	95	176980	35.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.66%	

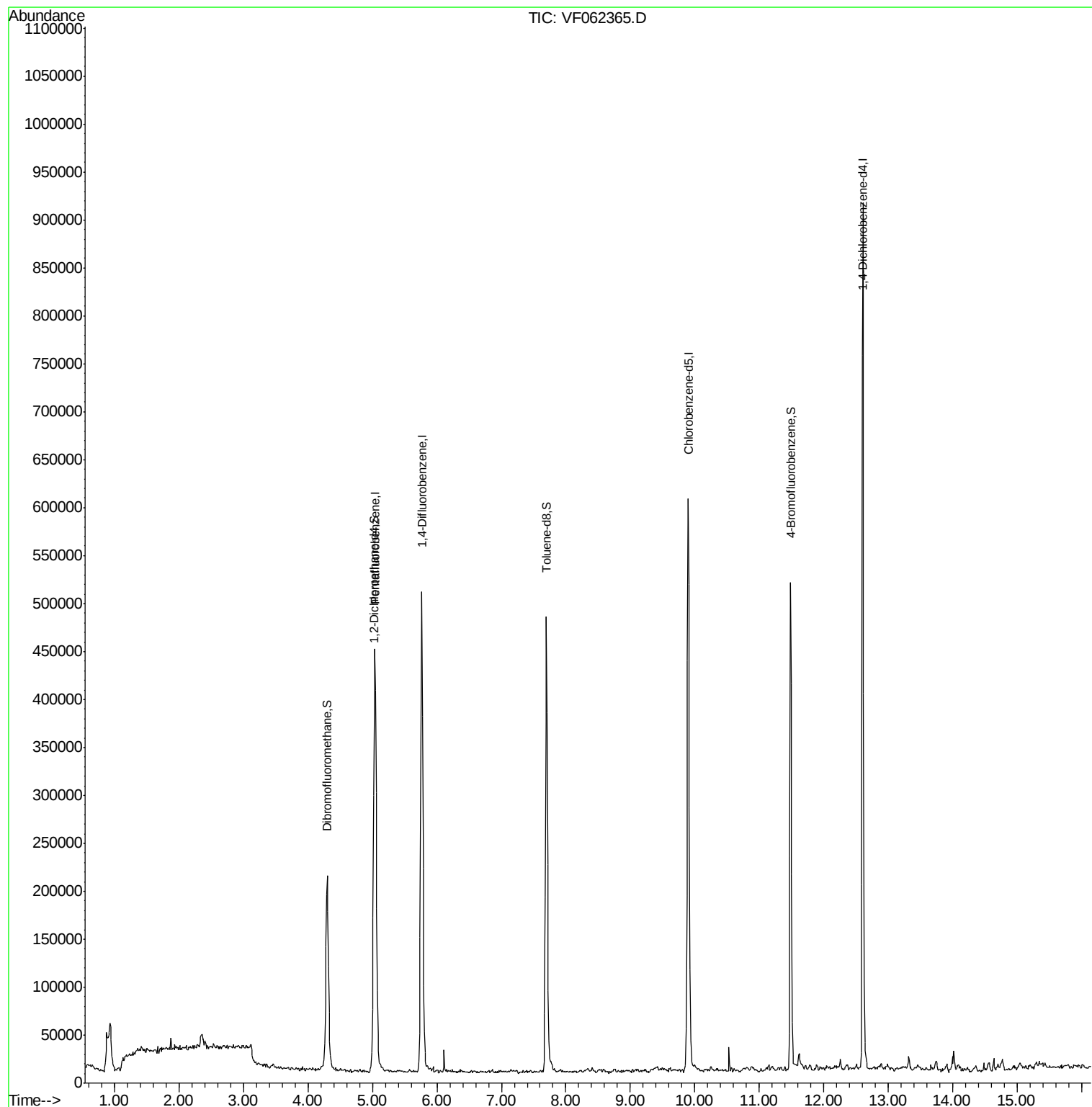
Target Compounds	Qvalue
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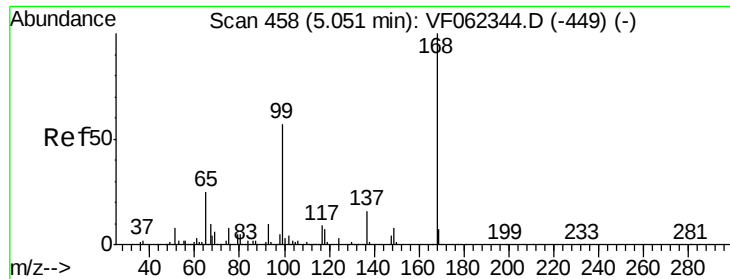
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062365.D

Acq: 7 May 2019 18:49

Instrument :

MSVOA_F

ClientSampleId :

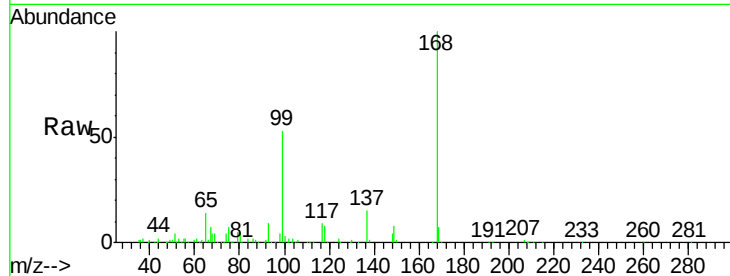
NB-08-050319-A

Tot Ion:168 Resp: 395090

Ion Ratio Lower Upper

168 100

99 53.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

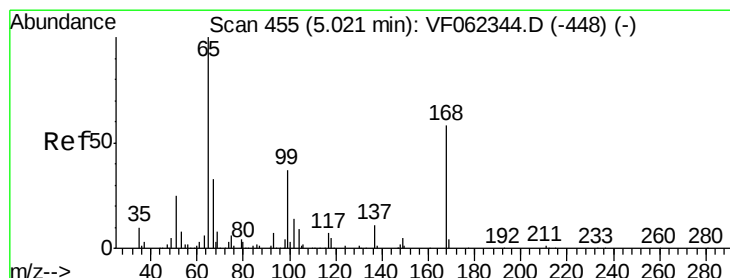
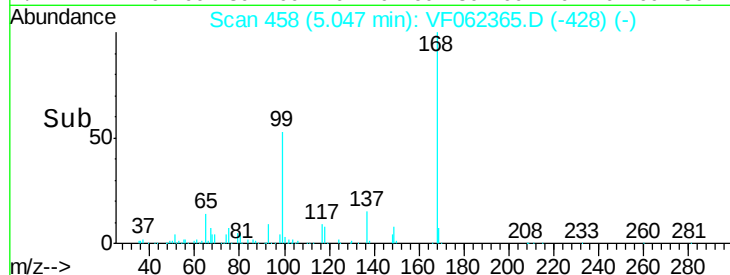
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 34.901 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062365.D

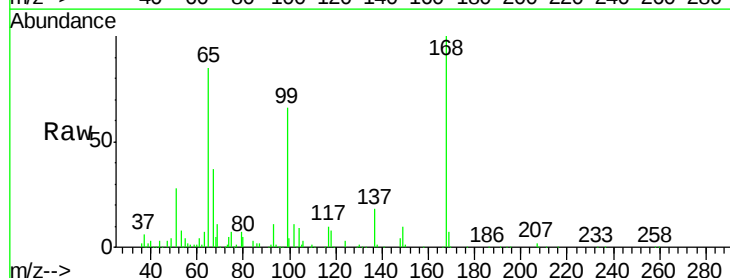
Acq: 7 May 2019 18:49

Tgt Ion: 65 Resp: 130312

Ion Ratio Lower Upper

65 100

67 48.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

50000

40000

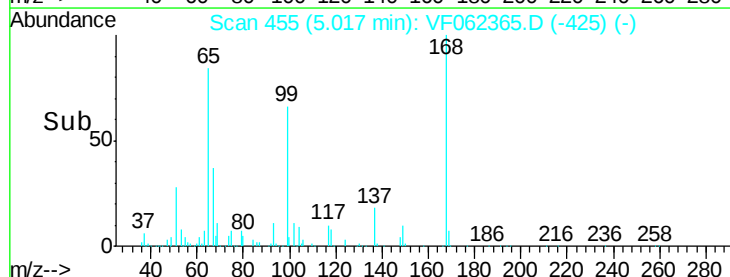
30000

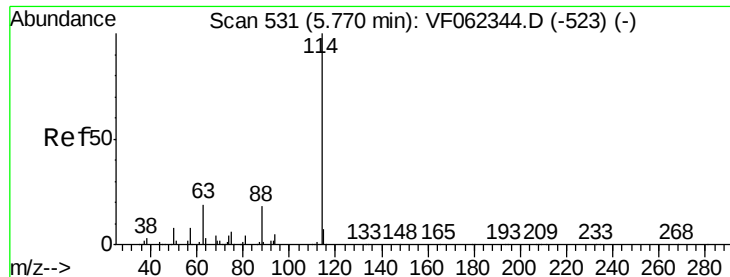
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF062365.D

Acq: 7 May 2019 18:49

Instrument :

MSVOA_F

ClientSampleId :

NB-08-050319-A

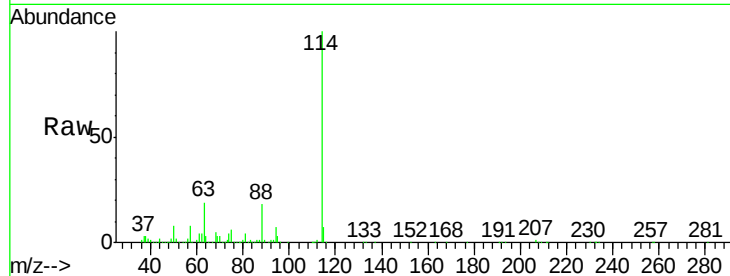
Tot Ion:114 Resp: 575672

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

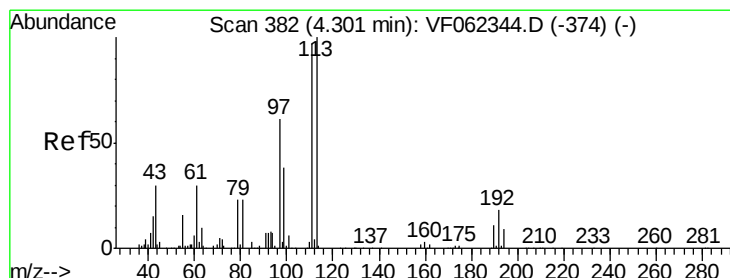
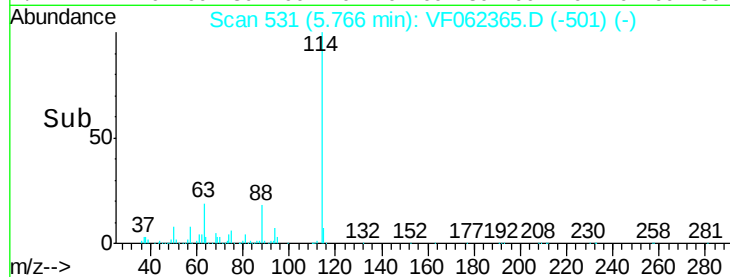
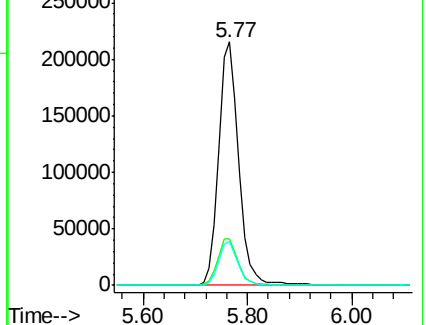
88 17.9 0.0 36.4



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: 39.862 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF062365.D

Acq: 7 May 2019 18:49

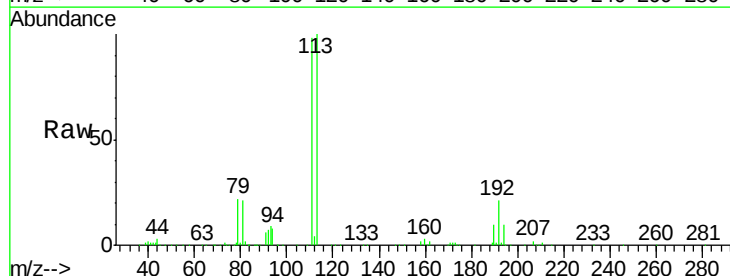
Tgt Ion:113 Resp: 182820

Ion Ratio Lower Upper

113 100

111 99.3 79.4 119.0

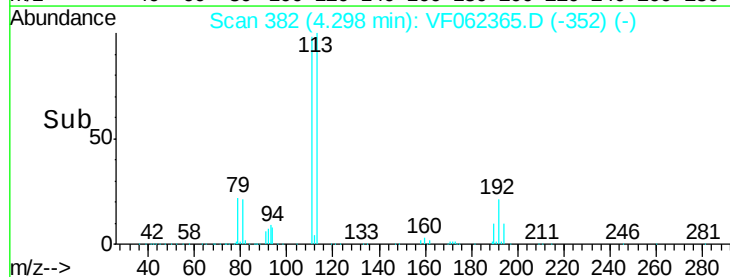
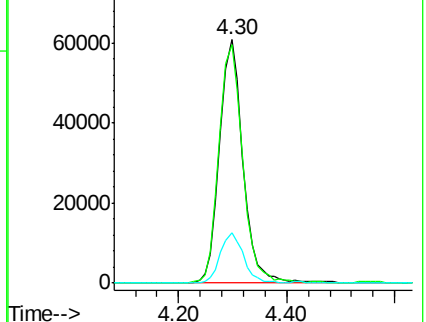
192 20.6 16.0 24.0

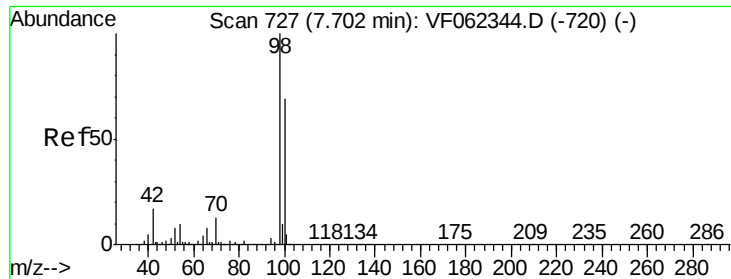


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

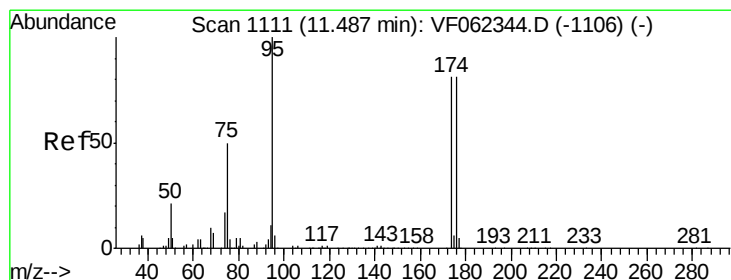
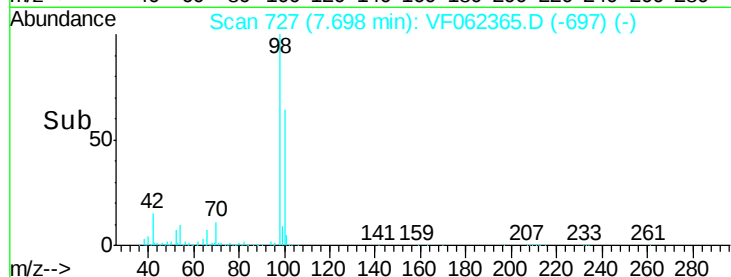
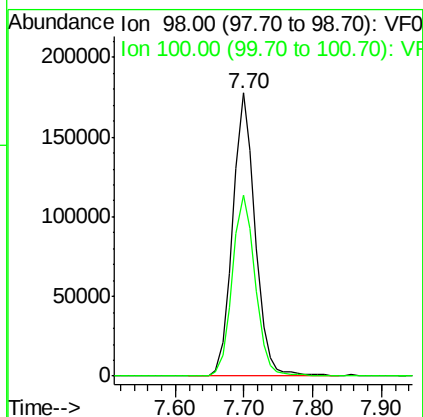
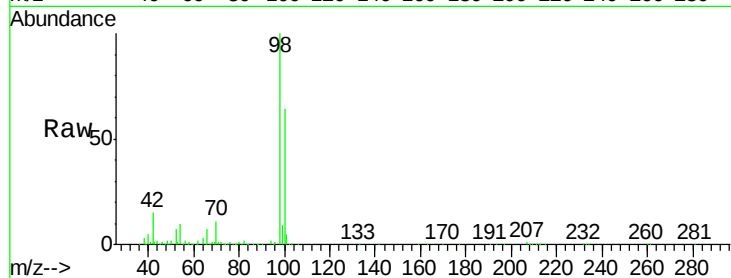




#50
Toluene-d8
Concen: 36.108 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062365.D
Acq: 7 May 2019 18:49

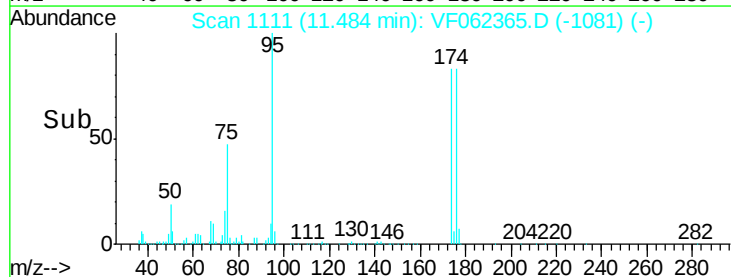
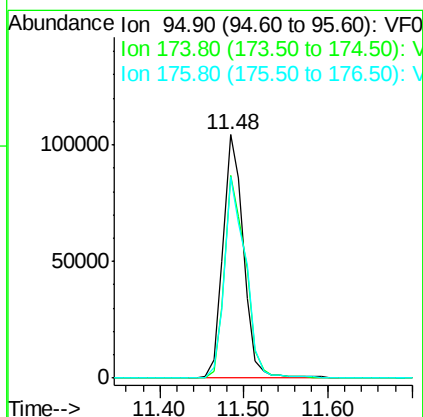
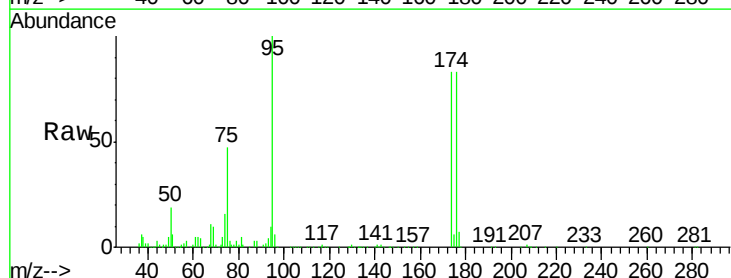
Instrument :
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NB-08-050319-A

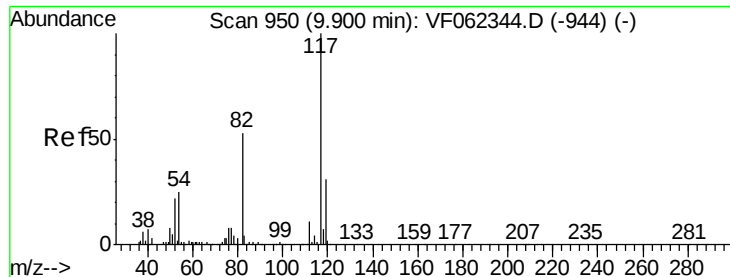
Tot Ion: 98 Resp: 400862
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 35.334 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062365.D
Acq: 7 May 2019 18:49

Tgt Ion: 95 Resp: 176980
Ion Ratio Lower Upper
95 100
174 86.3 0.0 191.8
176 86.1 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.00 min

Lab File: VF062365.D

Acq: 7 May 2019 18:49

Instrument :

MSVOA_F

ClientSampleId :

NB-08-050319-A

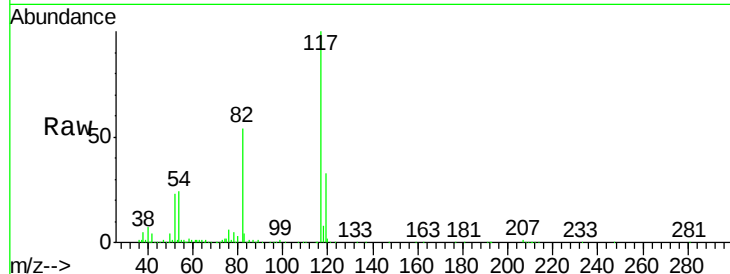
Tot Ion:117 Resp: 443554

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.2

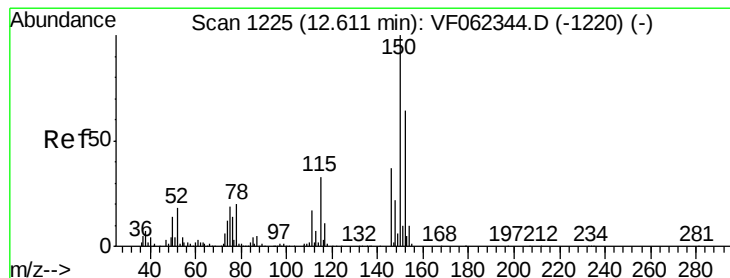
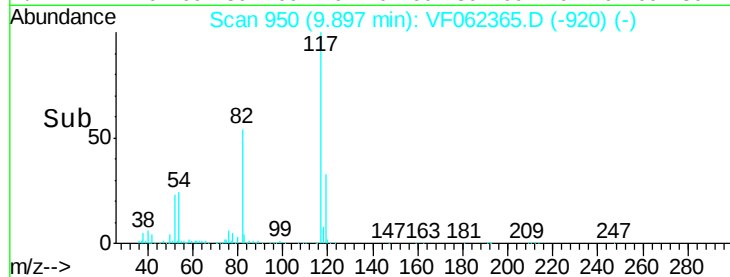
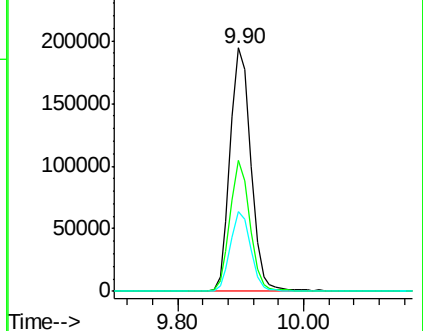
119 32.6 25.0 37.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VF062365.D

Acq: 7 May 2019 18:49

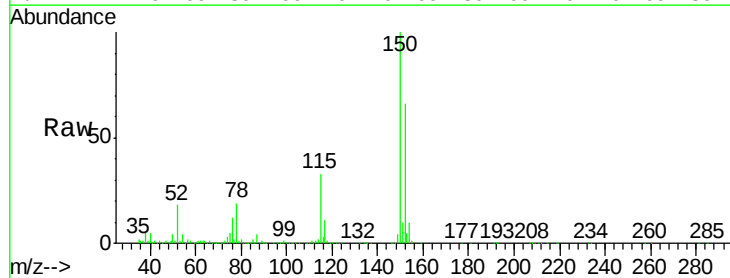
Tgt Ion:152 Resp: 249210

Ion Ratio Lower Upper

152 100

115 52.4 26.4 79.2

150 152.1 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

