

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
 Data File : VF062807.D
 Acq On : 31 May 2019 14:26
 Operator : FY/SY
 Sample : K2639-07
 Misc : 6.13g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-053019-B

Quant Time: Jun 01 01:18:31 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

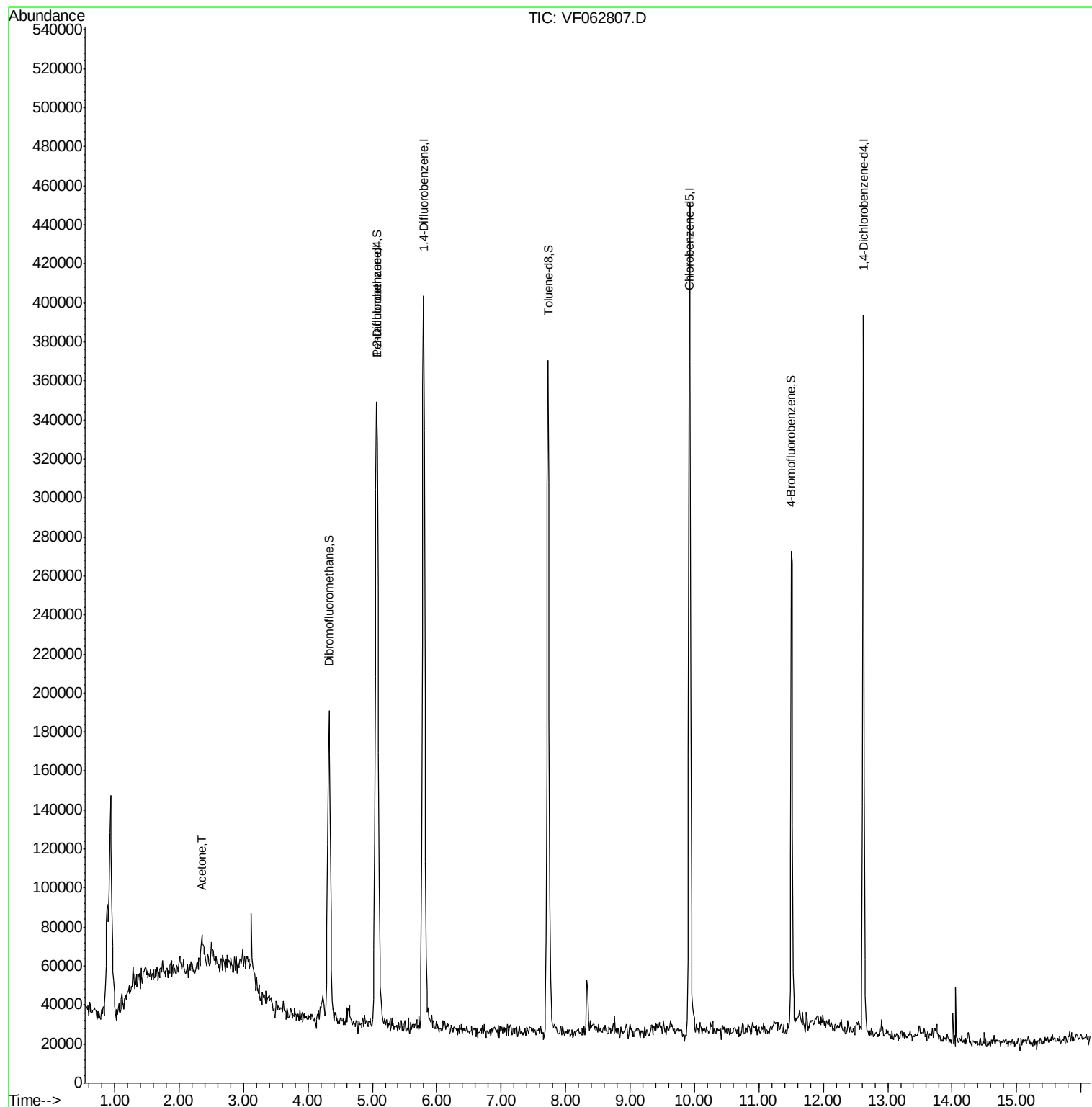
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	293252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	475748	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	323574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	107727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	80270	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
35) Dibromofluoromethane	4.33	113	157585	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
50) Toluene-d8	7.73	98	315349	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	
62) 4-Bromofluorobenzene	11.50	95	95659	29.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.50%	
Target Compounds						
16) Acetone	2.36	43	25993	56.004	ug/l	Qvalue 98

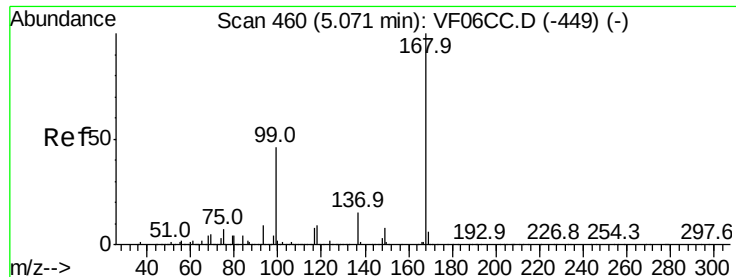
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062807.D

Acq: 31 May 2019 14:26

Instrument :

MSVOA_F

ClientSampleId :

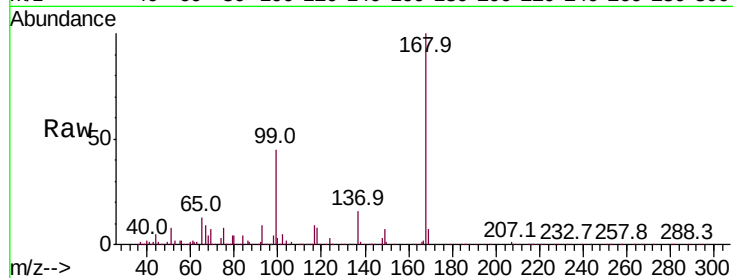
NB-07-053019-B

Tot Ion:168 Resp: 293252

Ion Ratio Lower Upper

168 100

99 44.8 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

100000

80000

60000

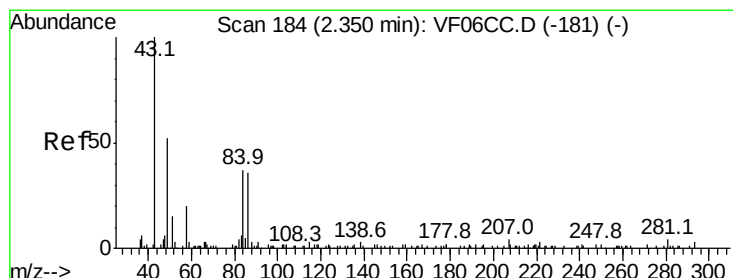
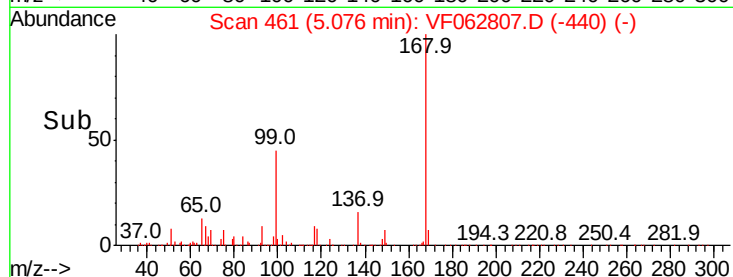
40000

20000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 56.004 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062807.D

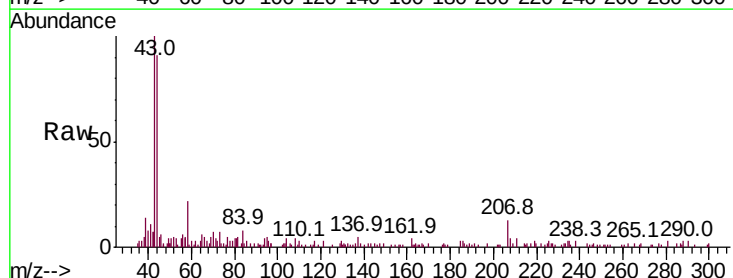
Acq: 31 May 2019 14:26

Tgt Ion: 43 Resp: 25993

Ion Ratio Lower Upper

43 100

58 22.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

12000

10000

8000

6000

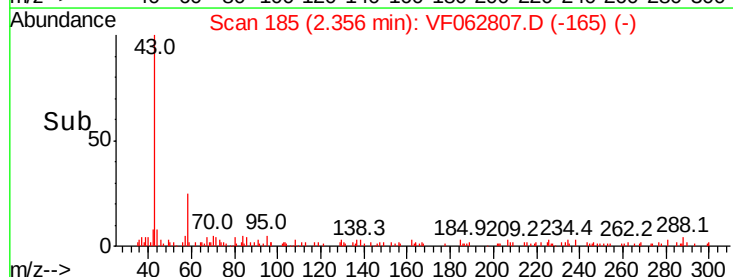
4000

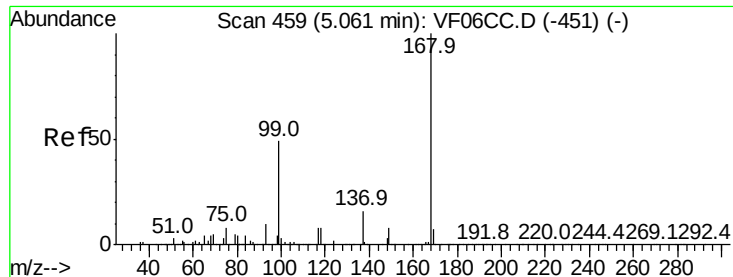
2000

0

2.30 2.40

Time-->

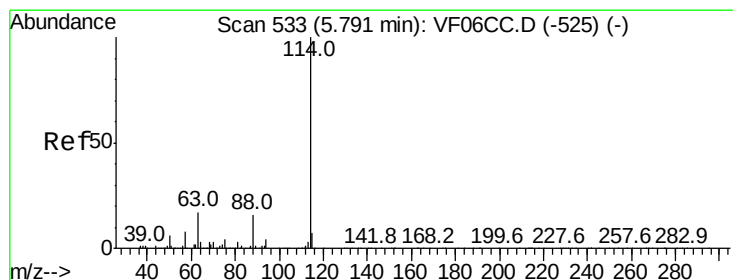
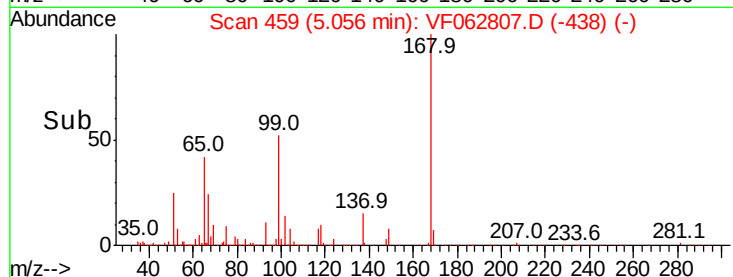
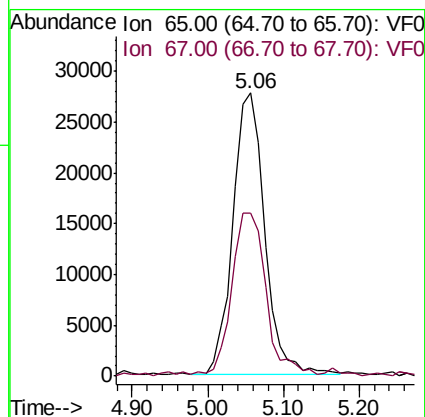
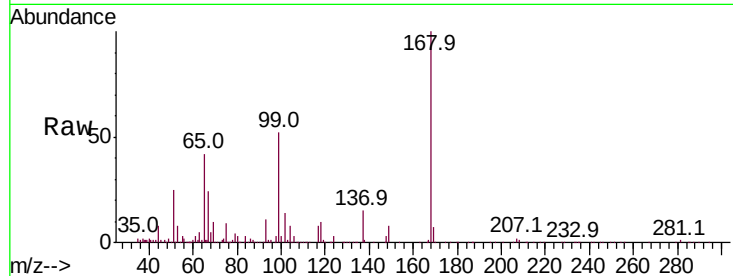




#33
 1,2-Dichloroethane-d4
 Concen: 39.584 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VF062807.D
 Acq: 31 May 2019 14:26

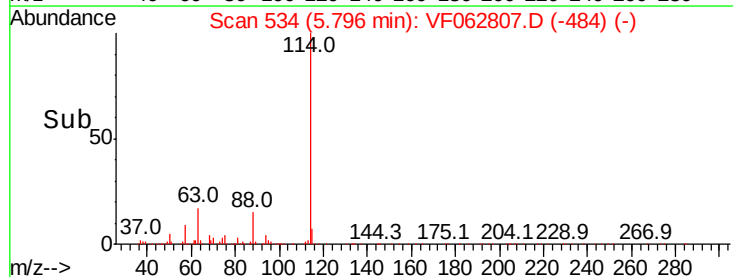
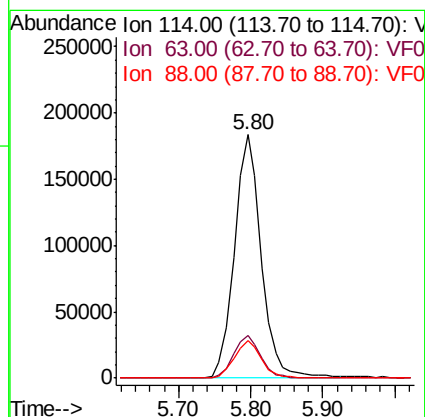
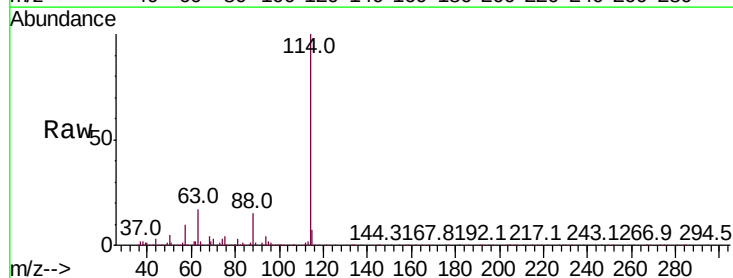
Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-053019-B

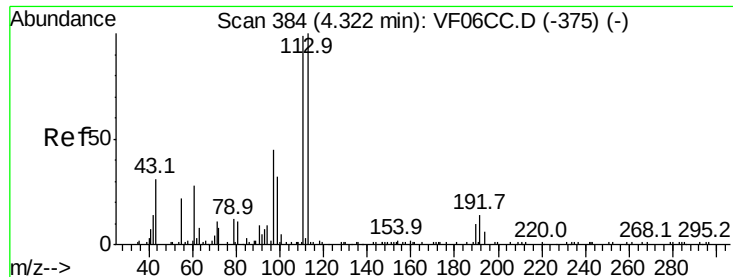
Tot Ion: 65 Resp: 80270
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062807.D
 Acq: 31 May 2019 14:26

Tgt Ion: 114 Resp: 475748
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.2
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.834 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062807.D

Acq: 31 May 2019 14:26

Instrument :

MSVOA_F

ClientSampleId :

NB-07-053019-B

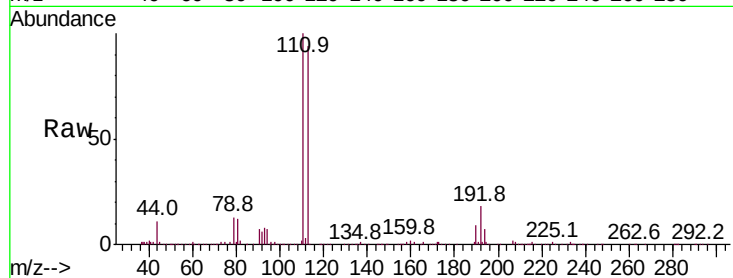
Tot Ion:113 Resp: 157585

Ion Ratio Lower Upper

113 100

111 106.7 81.9 122.9

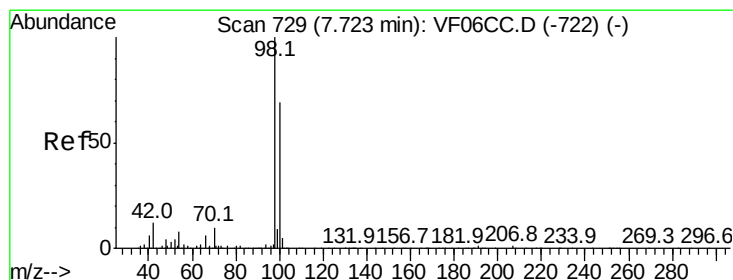
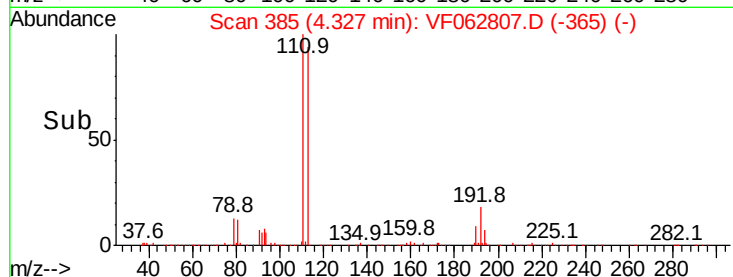
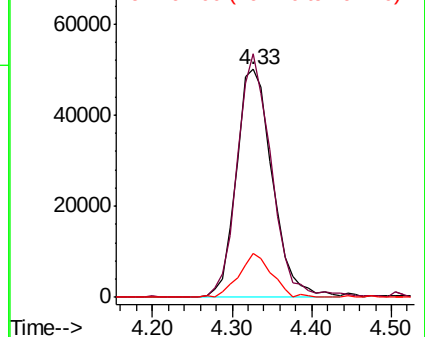
192 19.0 15.1 22.7



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: 34.688 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062807.D

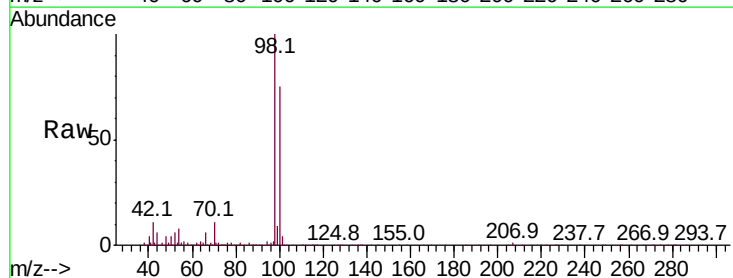
Acq: 31 May 2019 14:26

Tgt Ion: 98 Resp: 315349

Ion Ratio Lower Upper

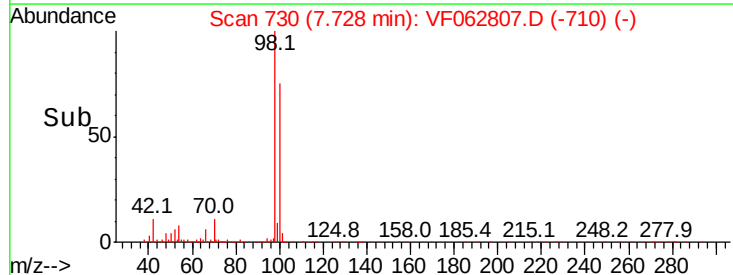
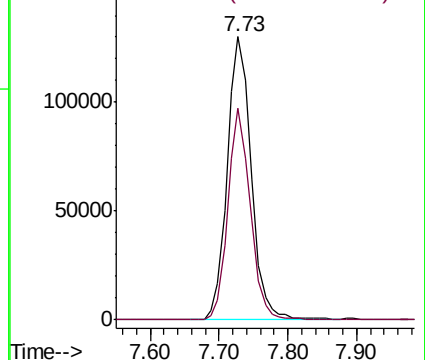
98 100

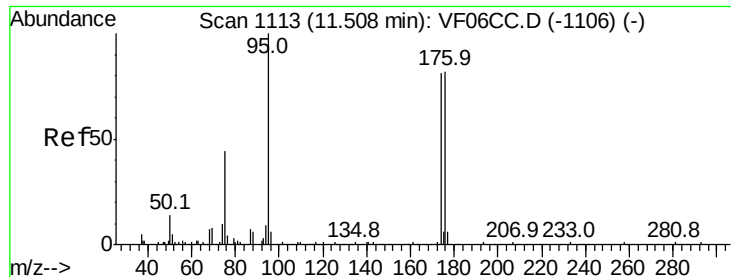
100 74.7 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

150000 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 29.253 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062807.D

Acq: 31 May 2019 14:26

Instrument :

MSVOA_F

ClientSampleId :

NB-07-053019-B

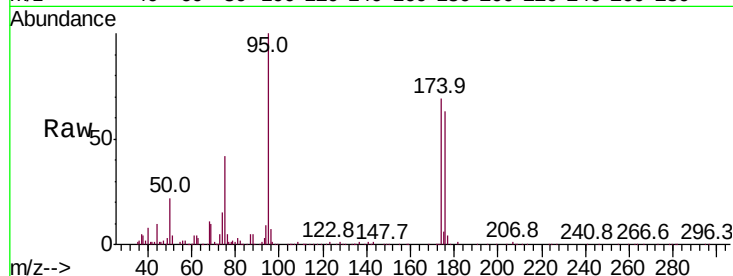
Tot Ion: 95 Resp: 95659

Ion Ratio Lower Upper

95 100

174 68.7 0.0 170.6

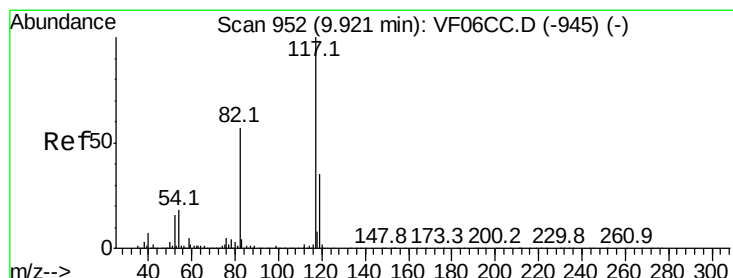
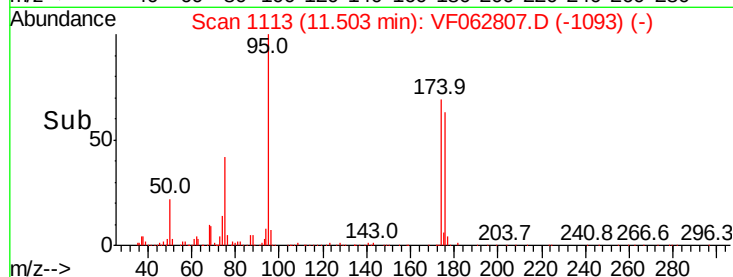
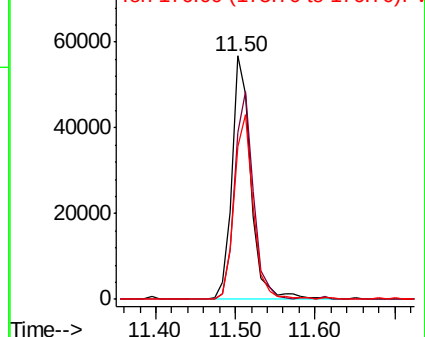
176 62.9 0.0 170.6



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. -0.01 min

Lab File: VF062807.D

Acq: 31 May 2019 14:26

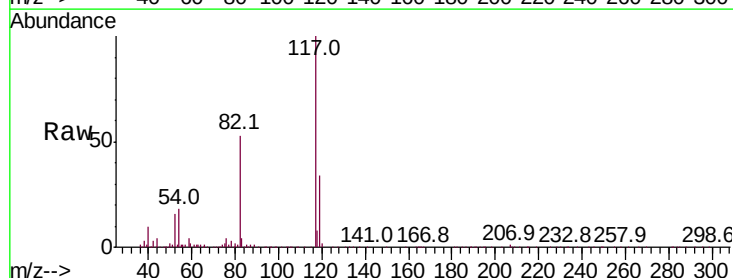
Tgt Ion: 117 Resp: 323574

Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

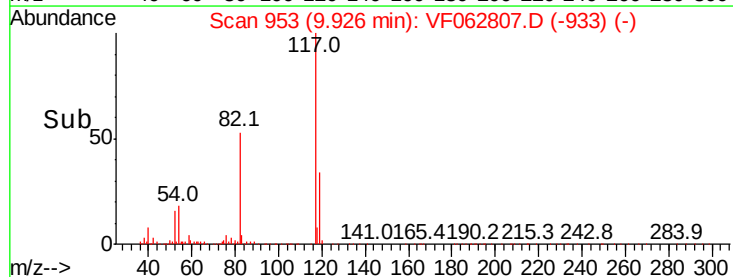
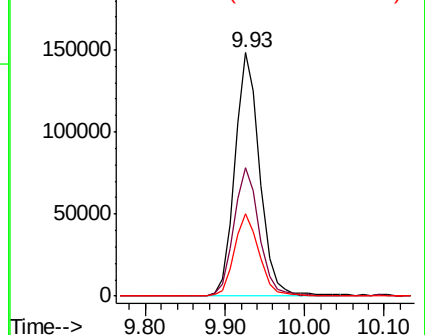
119 34.0 27.1 40.7

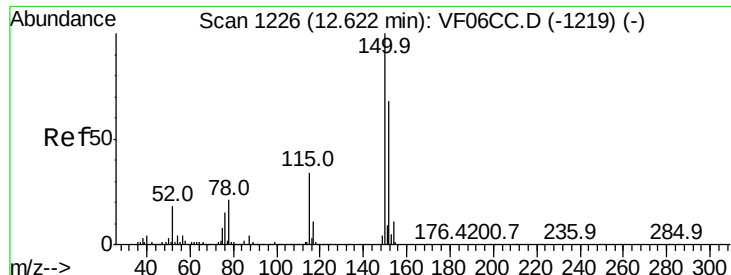


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062807.D

Acq: 31 May 2019 14:26

Instrument :

MSVOA_F

ClientSampleId :

NB-07-053019-B

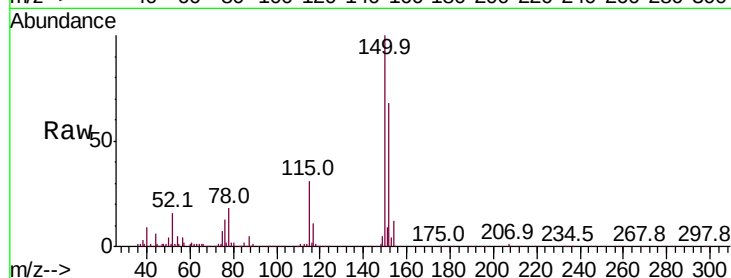
Tot Ion:152 Resp: 107727

Ion Ratio Lower Upper

152 100

115 45.5 24.6 74.0

150 146.5 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

