

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062595.D
 Acq On : 14 May 2019 22:33
 Operator : FY/SY
 Sample : K2823-01
 Misc : 6.15g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 10-B

Quant Time: May 15 05:40:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	675597	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.79	114	1180817	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	752790	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	272125	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	178250	34.92	ug/l	-0.01
Spiked Amount			Recovery	=	69.84%	
35) Dibromofluoromethane	4.32	113	327378	37.25	ug/l	-0.01
Spiked Amount			Recovery	=	74.50%	
50) Toluene-d8	7.72	98	678886	32.78	ug/l	-0.01
Spiked Amount			Recovery	=	65.56%	
62) 4-Bromofluorobenzene	11.51	95	192269	26.58	ug/l	0.00
Spiked Amount			Recovery	=	53.16%	

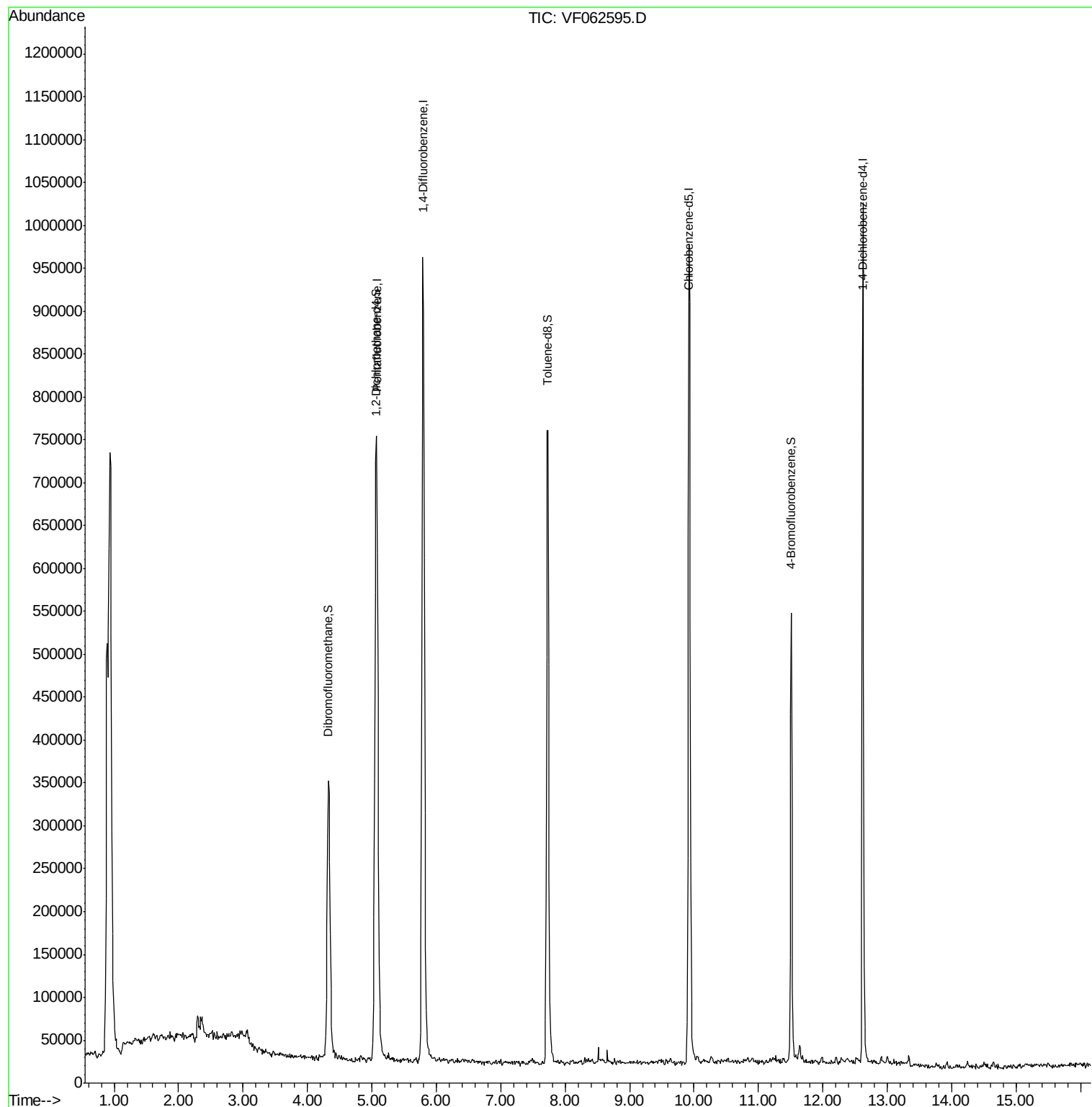
Target Compounds	Qvalue
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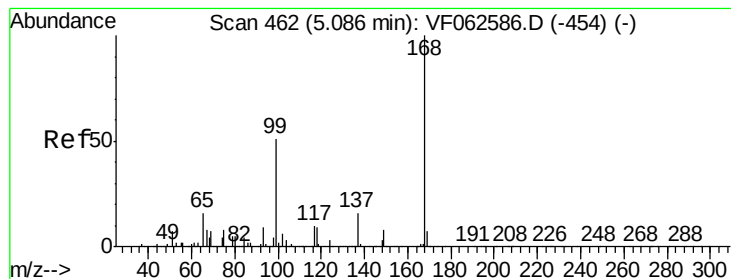
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062595.D

Acq: 14 May 2019 22:33

Instrument :

MSVOA_F

ClientSampleId :

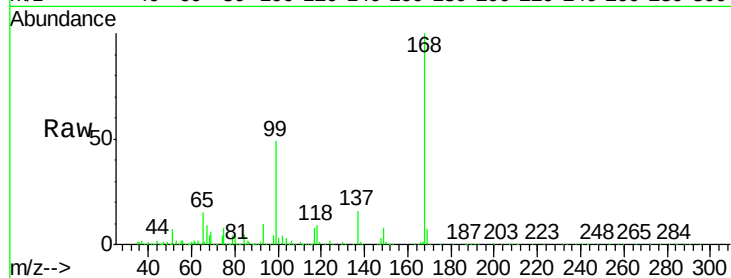
10-B

Tot Ion:168 Resp: 675597

Ion Ratio Lower Upper

168 100

99 48.6 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

150000

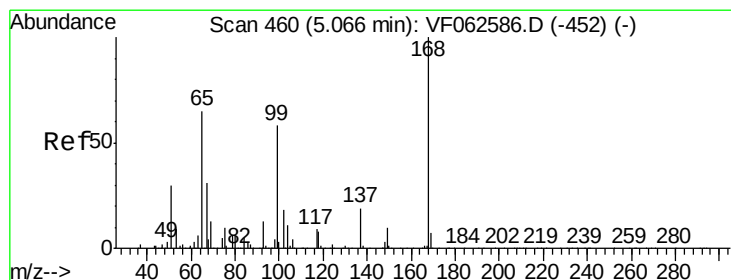
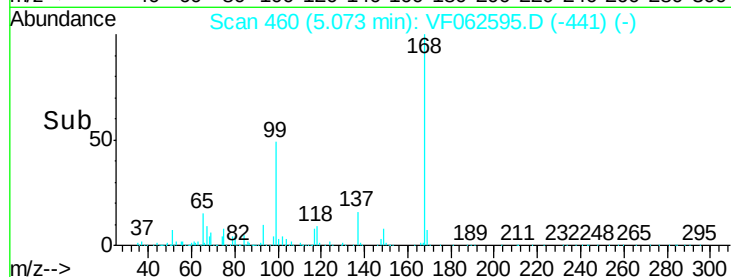
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 34.925 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062595.D

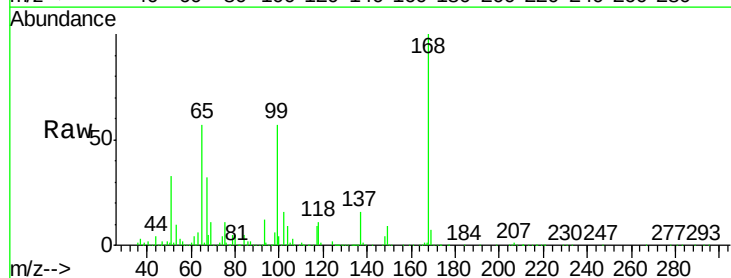
Acq: 14 May 2019 22:33

Tgt Ion: 65 Resp: 178250

Ion Ratio Lower Upper

65 100

67 56.2 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

60000

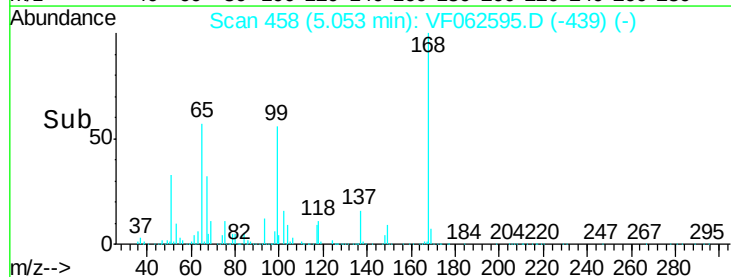
40000

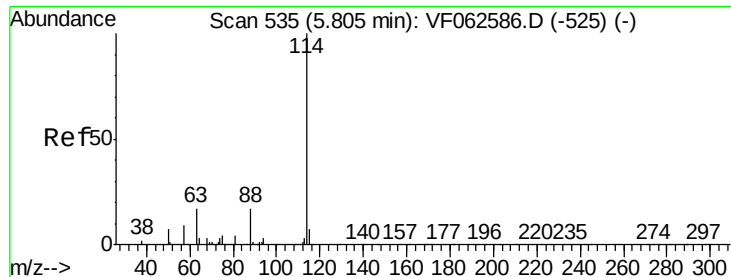
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062595.D

Acq: 14 May 2019 22:33

Instrument :

MSVOA_F

ClientSampled :

10-B

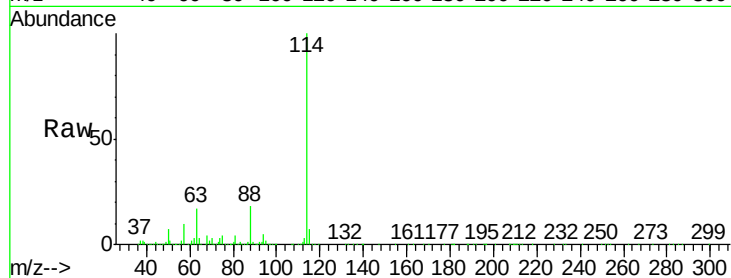
Tot Ion:114 Resp: 1180817

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.6

88 17.8 0.0 33.6



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

500000

400000

300000

200000

100000

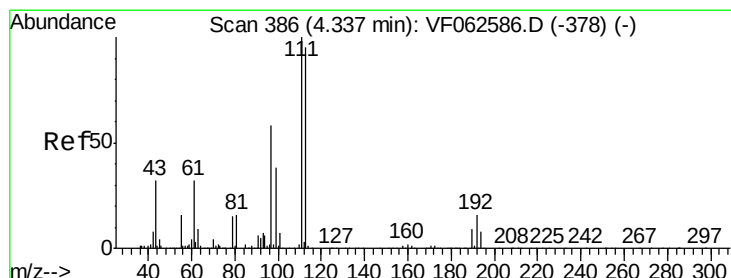
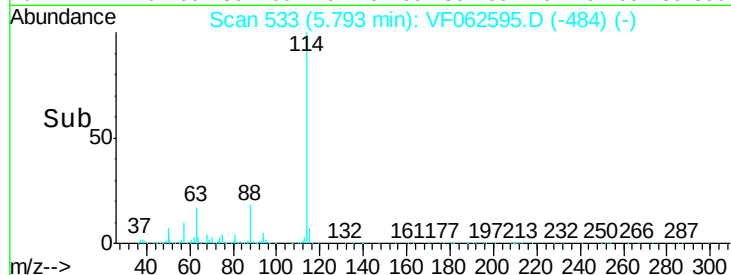
0

5.60

5.80

6.00

Time-->



#35

Dibromofluoromethane

Concen: 37.251 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VF062595.D

Acq: 14 May 2019 22:33

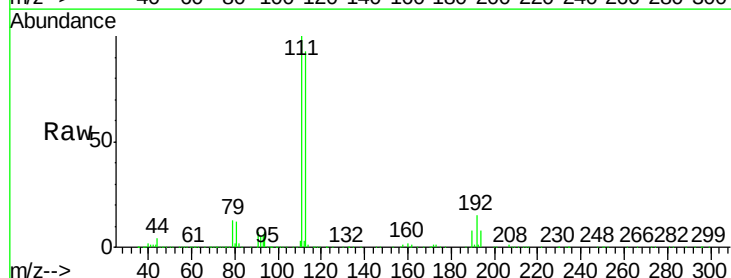
Tgt Ion:113 Resp: 327378

Ion Ratio Lower Upper

113 100

111 107.0 83.9 125.9

192 16.6 13.7 20.5



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

150000

100000

50000

0

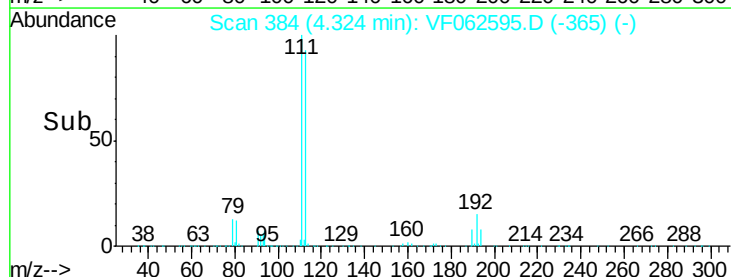
4.20

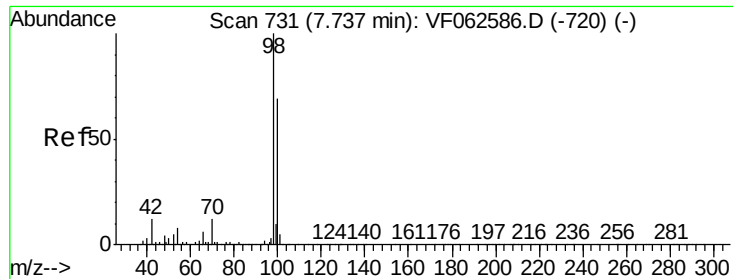
4.30

4.40

4.50

Time-->

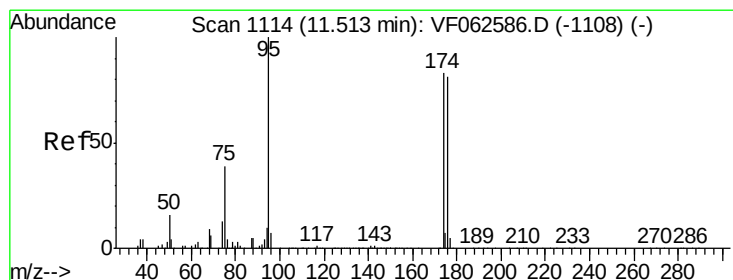
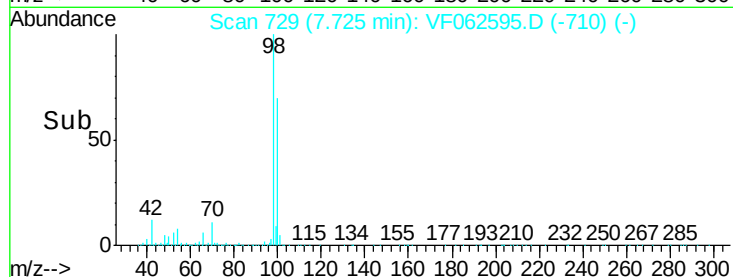
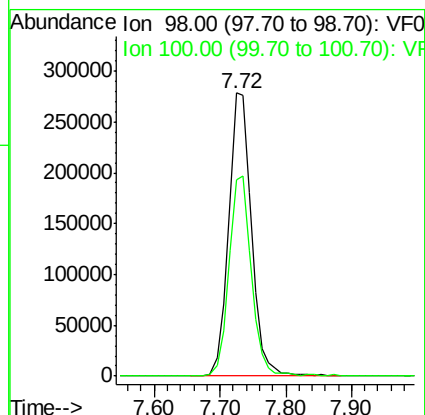
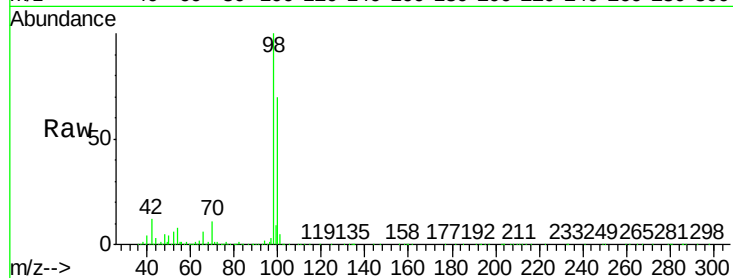




#50
Toluene-d8
Concen: 32.781 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062595.D
Acq: 14 May 2019 22:33

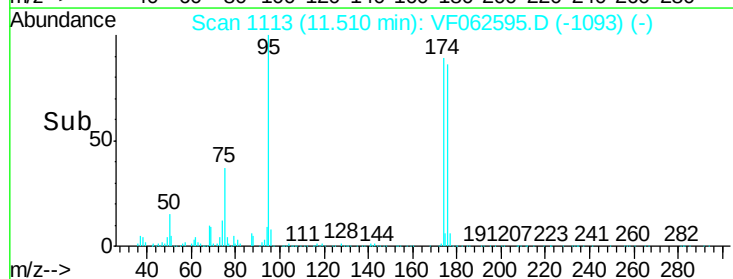
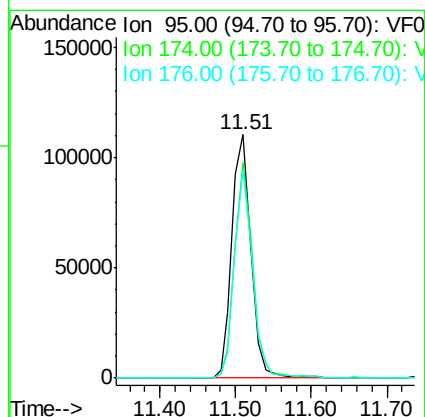
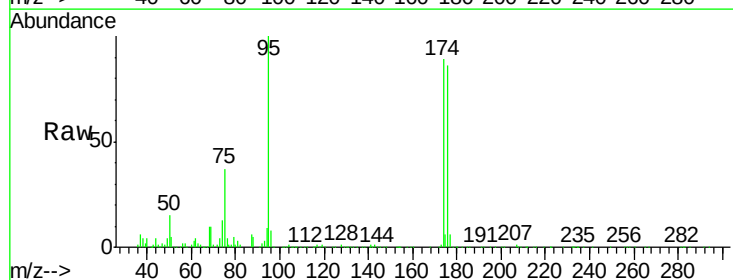
Instrument :
MSVOA_F
ClientSampleId :
10-B

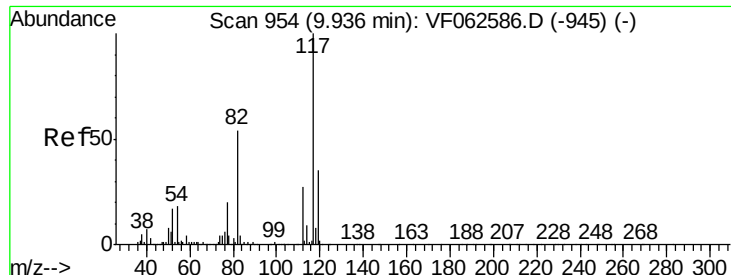
Tot Ion: 98 Resp: 678886
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 26.584 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062595.D
Acq: 14 May 2019 22:33

Tgt Ion: 95 Resp: 192269
Ion Ratio Lower Upper
95 100
174 88.7 0.0 166.6
176 86.0 0.0 161.8

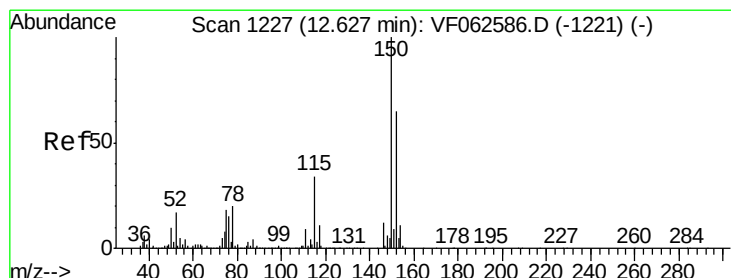
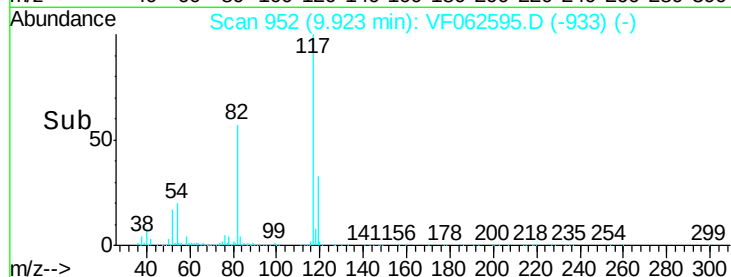
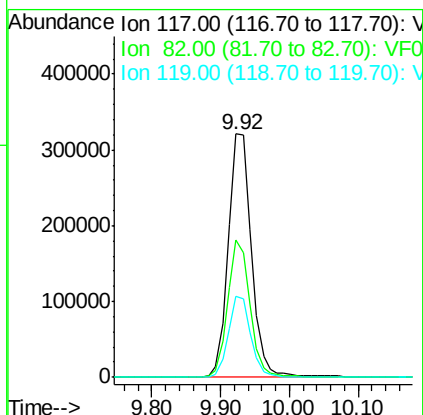
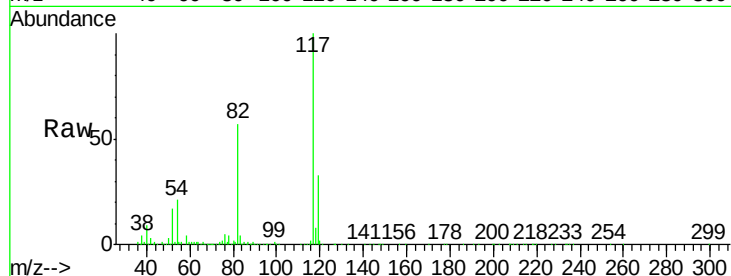




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062595.D
Acq: 14 May 2019 22:33

Instrument :
MSVOA_F
ClientSampleId :
10-B

Tot Ion:117 Resp: 752790
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.0
119 33.3 27.7 41.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062595.D
Acq: 14 May 2019 22:33

Tgt Ion:152 Resp: 272125
Ion Ratio Lower Upper
152 100
115 53.6 26.2 78.6
150 150.9 0.0 316.0

