

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062094.D
 Acq On : 22 Mar 2019 23:08
 Operator : VA/AP
 Sample : VF0322SBL02
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0322SBL02

Quant Time: Mar 23 06:43:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	283629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	423671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	362287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	201067	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	98895	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
35) Dibromofluoromethane	4.14	113	142362	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	7.58	98	386792	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
62) 4-Bromofluorobenzene	11.43	95	159306	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

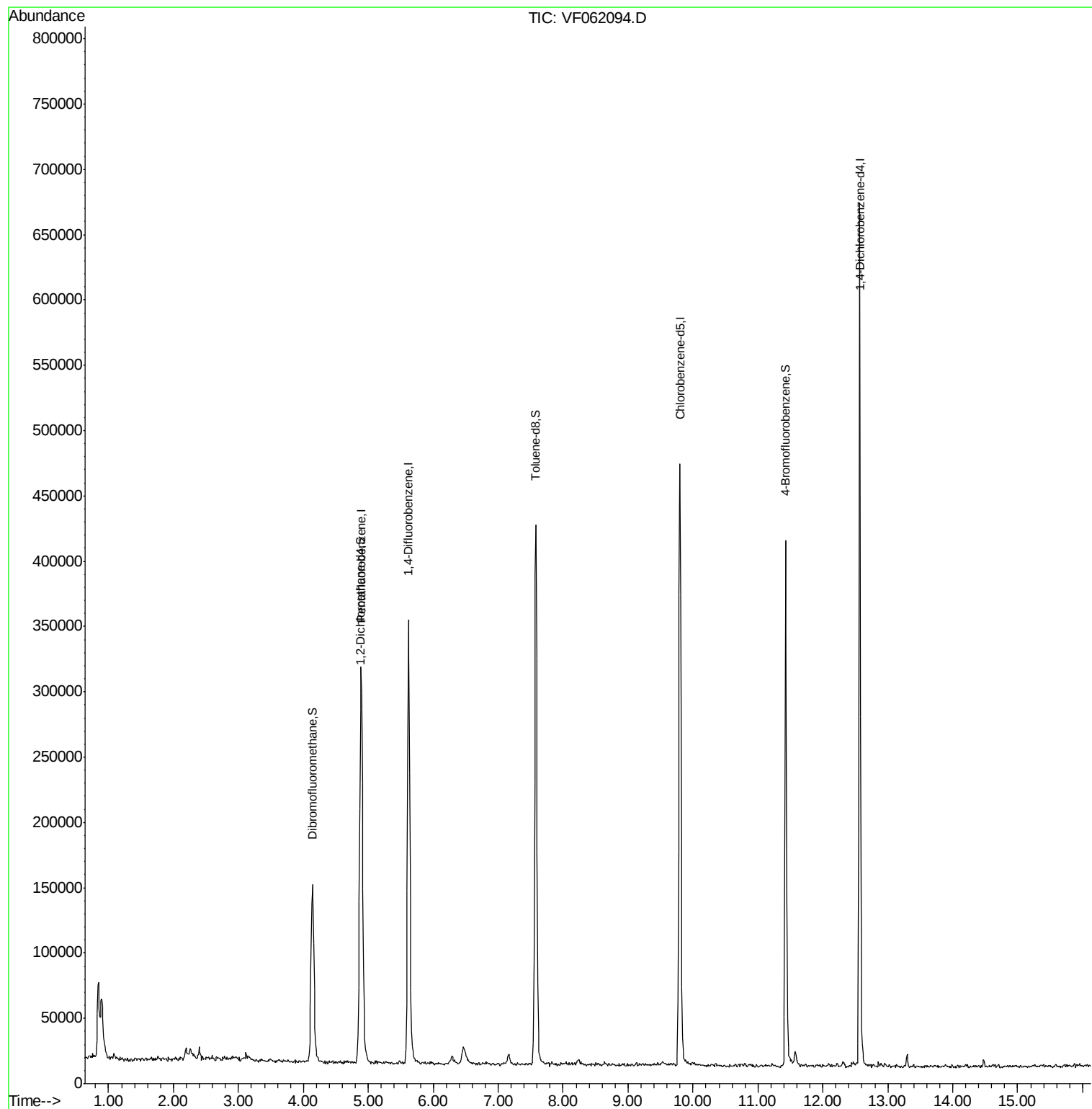
Target Compounds	Qvalue
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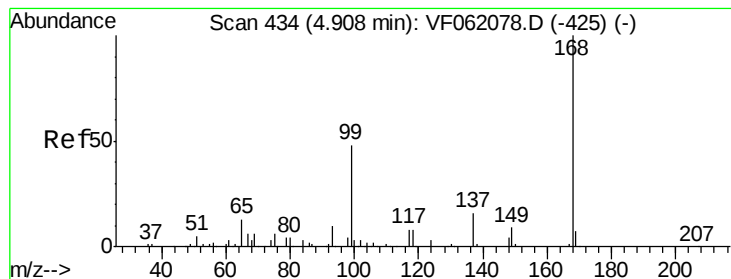
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF062094.D

Acq: 22 Mar 2019 23:08

Instrument :

MSVOA_F

ClientSampleId :

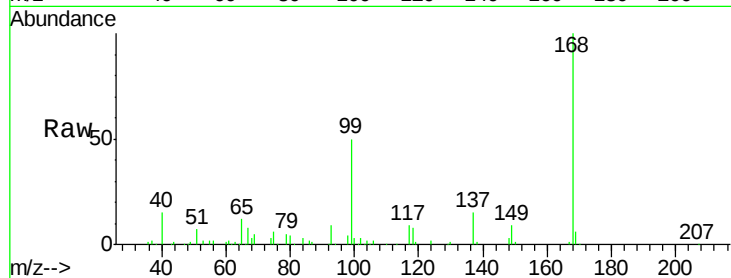
VF0322SBL02

Tot Ion:168 Resp: 283629

Ion Ratio Lower Upper

168 100

99 50.3 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

100000

80000

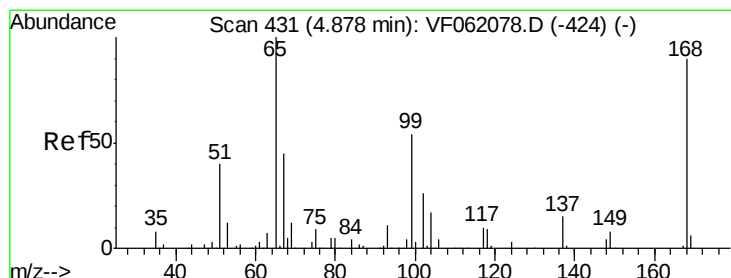
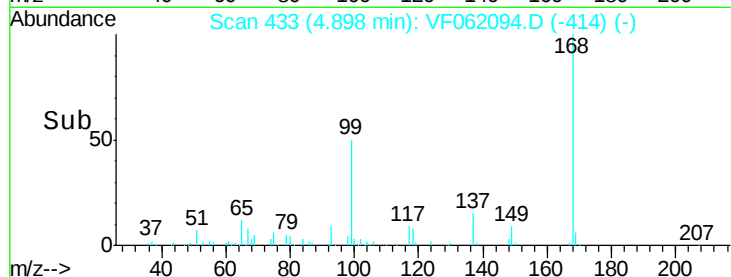
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 46.877 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF062094.D

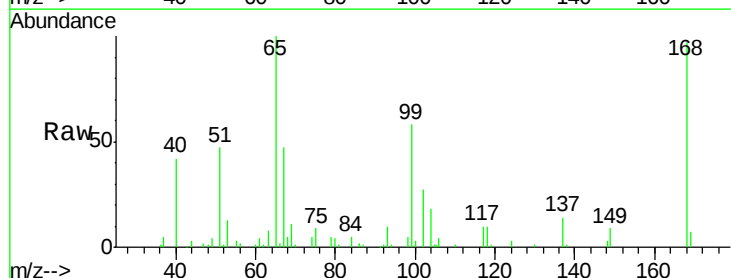
Acq: 22 Mar 2019 23:08

Tgt Ion: 65 Resp: 98895

Ion Ratio Lower Upper

65 100

67 47.4 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

40000

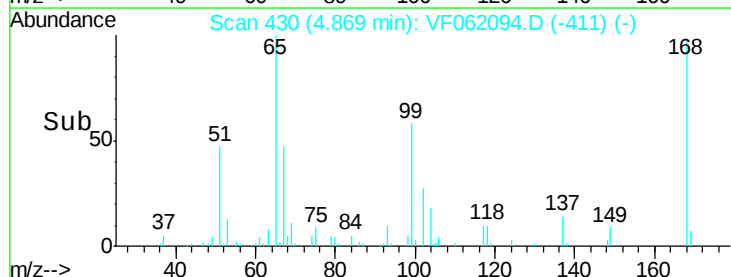
30000

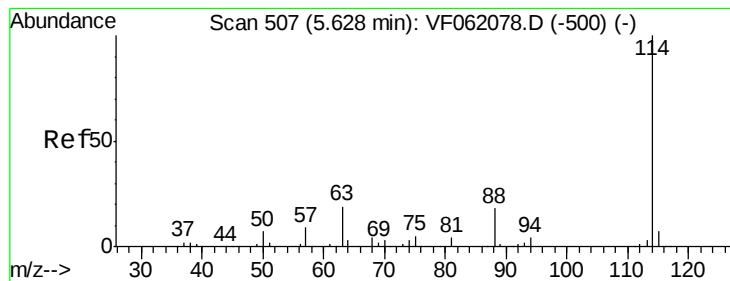
20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.01 min

Lab File: VF062094.D

Acq: 22 Mar 2019 23:08

Instrument :

MSVOA_F

ClientSampleId :

VF0322SBL02

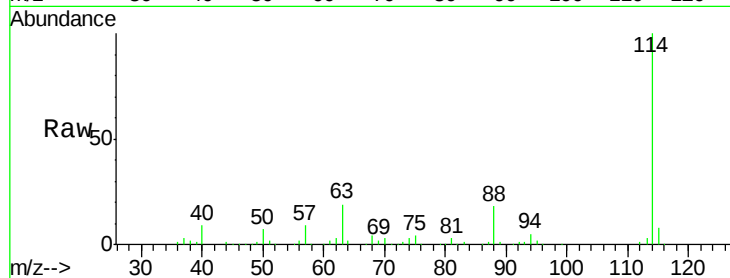
Tot Ion:114 Resp: 423671

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

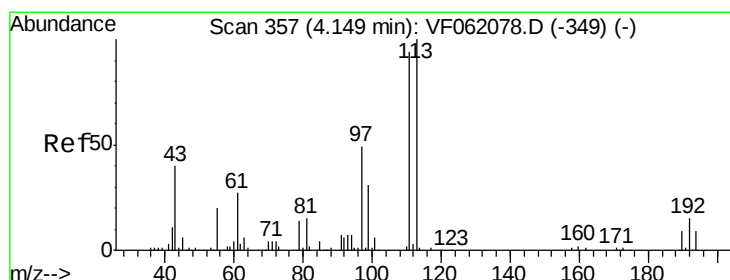
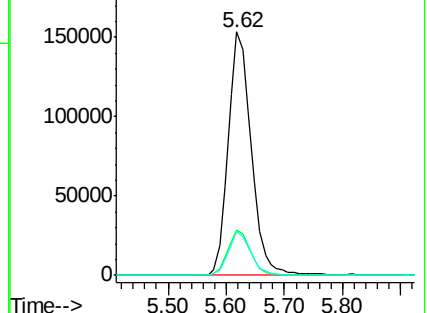
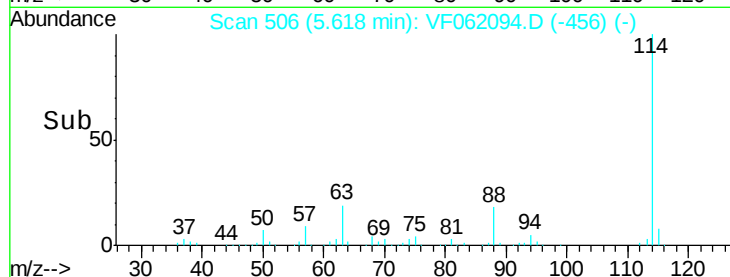
88 18.3 0.0 36.4



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: 49.673 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF062094.D

Acq: 22 Mar 2019 23:08

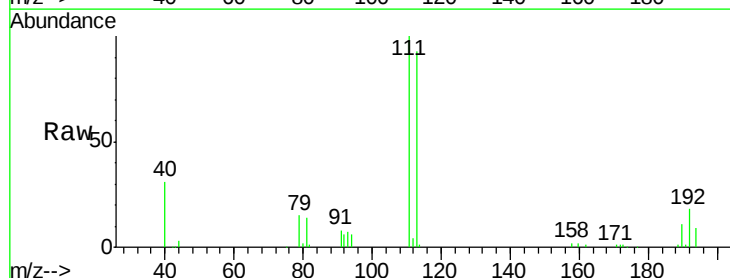
Tgt Ion:113 Resp: 142362

Ion Ratio Lower Upper

113 100

111 107.1 75.4 113.0

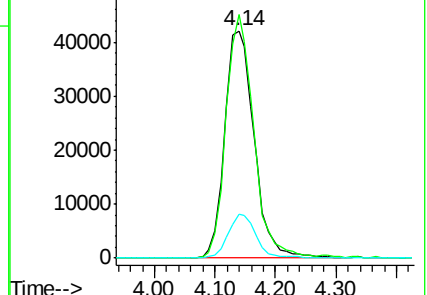
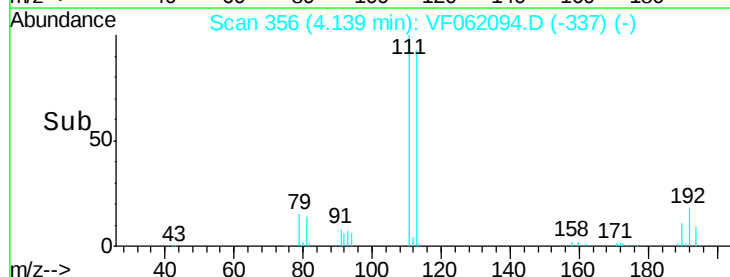
192 19.1 12.3 18.5#

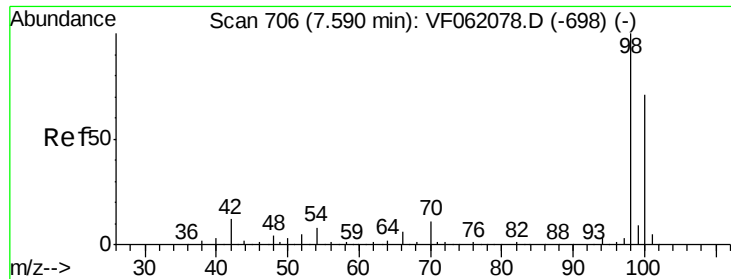


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

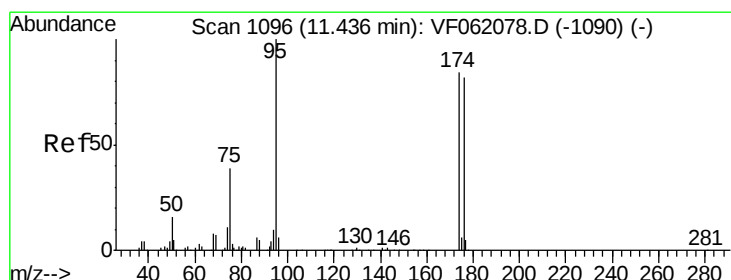
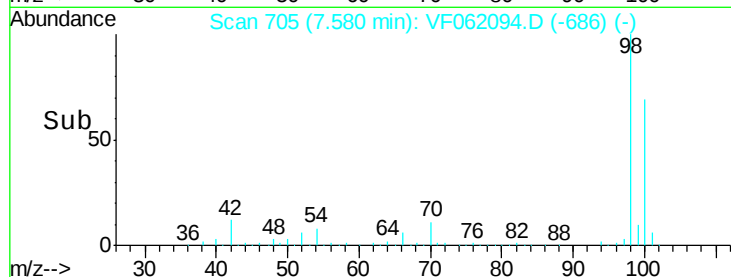
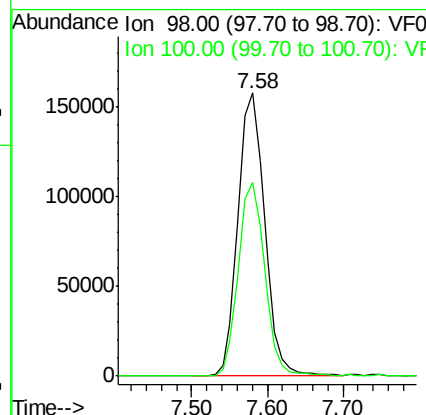
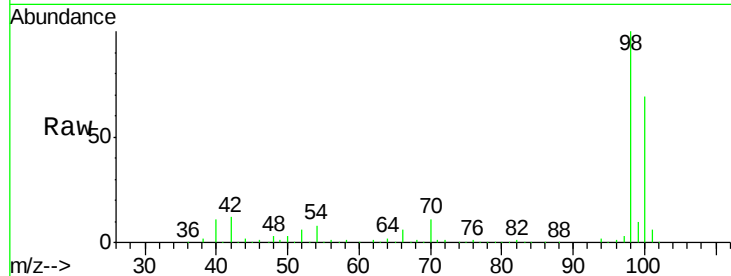




#50
Toluene-d8
Concen: 45.213 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF062094.D
Acq: 22 Mar 2019 23:08

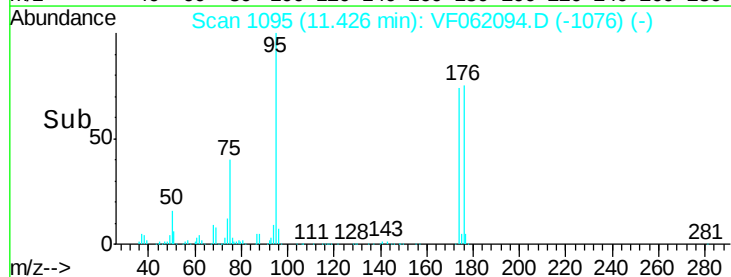
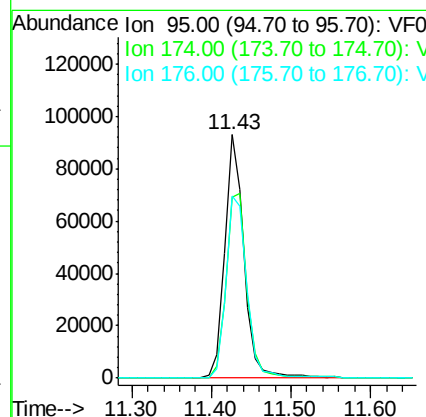
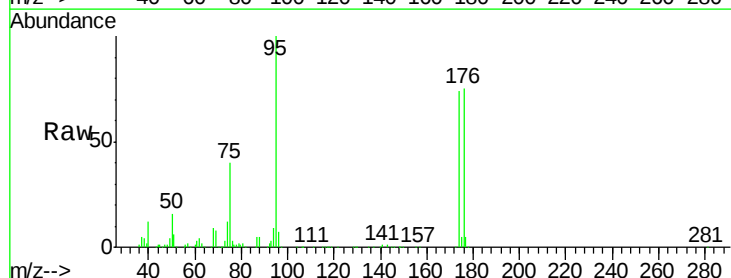
Instrument :
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ClientSampleId :
VF0322SBL02

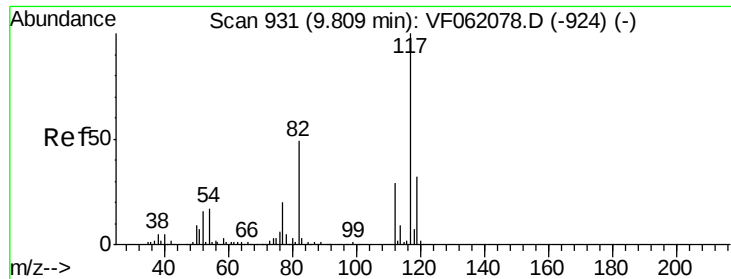
Tot Ion: 98 Resp: 386792
Ion Ratio Lower Upper
98 100
100 68.7 57.0 85.6



#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF062094.D
Acq: 22 Mar 2019 23:08

Tgt Ion: 95 Resp: 159306
Ion Ratio Lower Upper
95 100
174 74.3 0.0 168.2
176 74.8 0.0 164.2

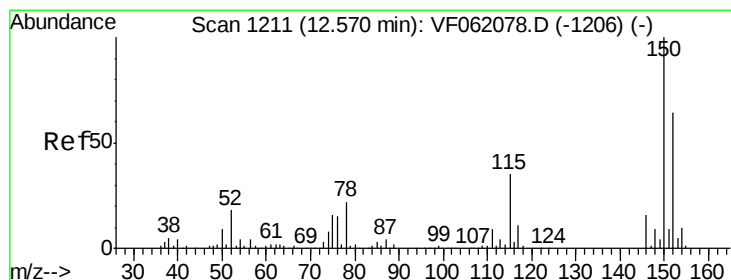
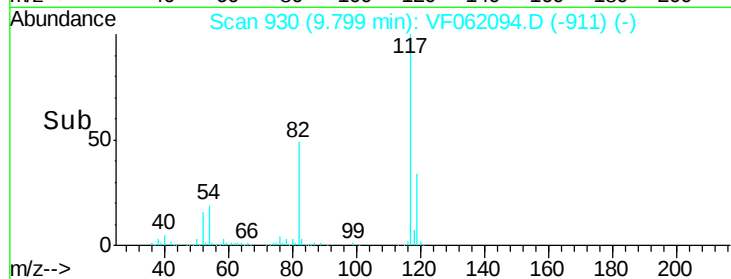
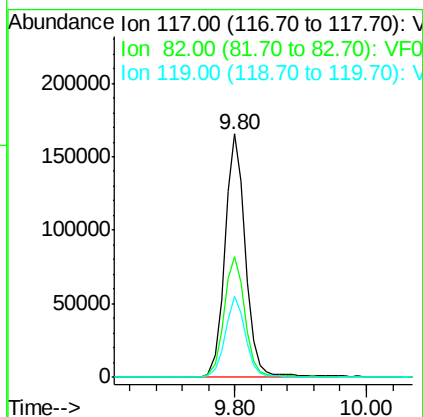
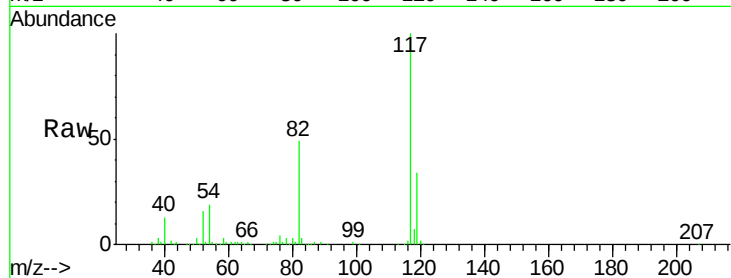




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF062094.D
Acq: 22 Mar 2019 23:08

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL02

Tot Ion:117 Resp: 362287
Ion Ratio Lower Upper
117 100
82 49.4 39.2 58.8
119 33.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF062094.D
Acq: 22 Mar 2019 23:08

Tgt Ion:152 Resp: 201067
Ion Ratio Lower Upper
152 100
115 50.3 27.7 83.1
150 154.9 0.0 313.2

