

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062128.D
 Acq On : 25 Mar 2019 13:27
 Operator : VA/AP
 Sample : VF0325SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBL01

Quant Time: Mar 26 04:59:07 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	4.86	168	290101	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	439495	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	375826	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	217251	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	117551	54.48	ug/l	-0.03
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	4.10	113	160723	54.06	ug/l	-0.04
Spiked Amount			Recovery	=	108.12%	
50) Toluene-d8	7.55	98	445593	50.21	ug/l	-0.04
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.40	95	192446	56.17	ug/l	-0.03
Spiked Amount			Recovery	=	112.34%	

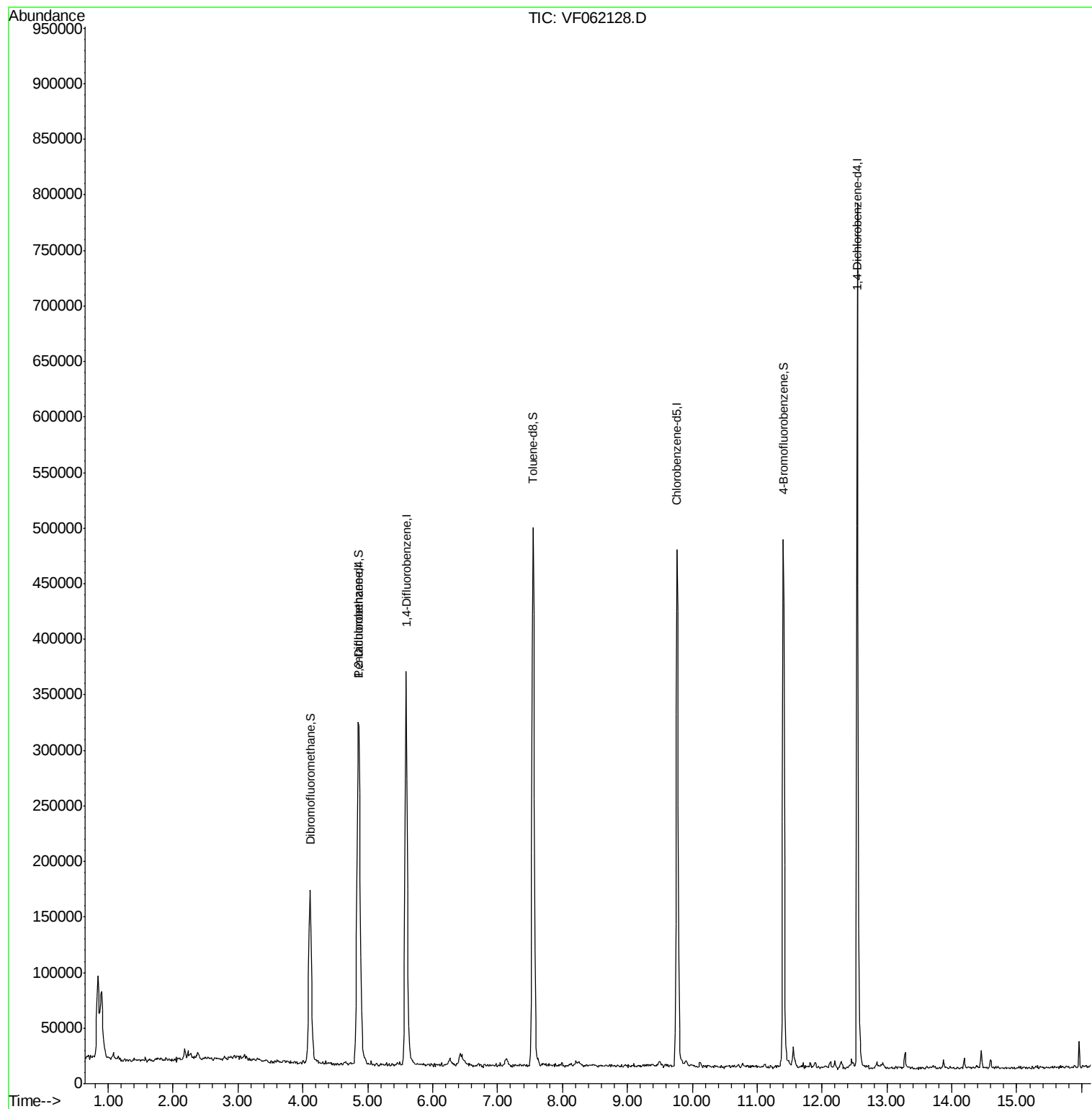
Target Compounds	Qvalue
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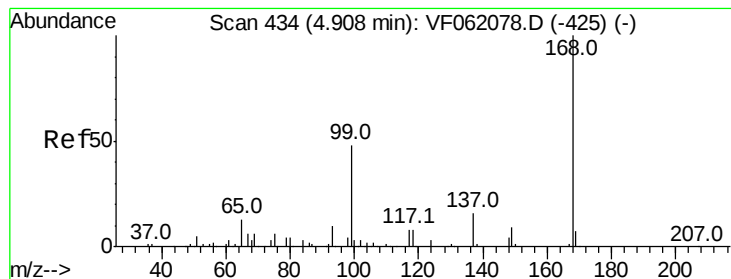
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.04 min

Lab File: VF062128.D

Acq: 25 Mar 2019 13:27

Instrument :

MSVOA_F

ClientSampleId :

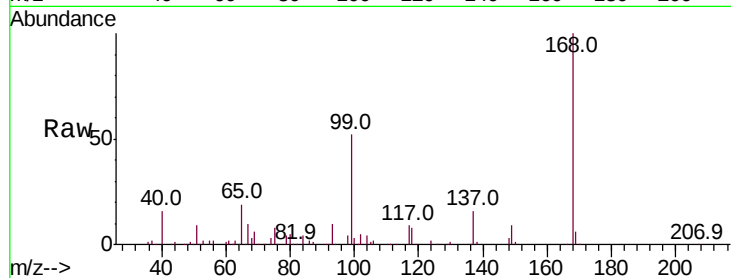
VF0325SBL01

Tot Ion:168 Resp: 290101

Ion Ratio Lower Upper

168 100

99 52.1 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

60000

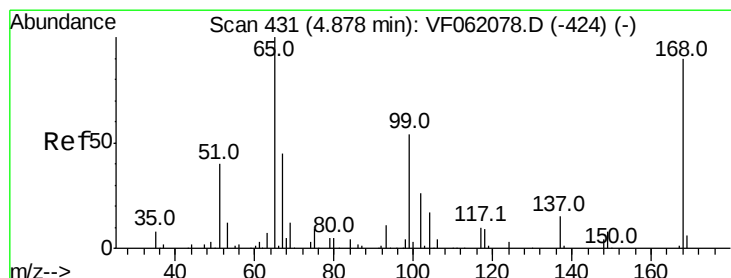
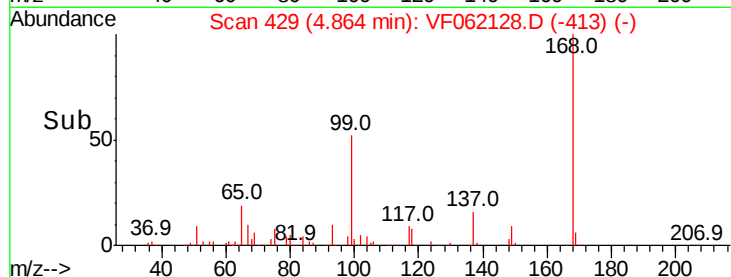
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 54.477 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF062128.D

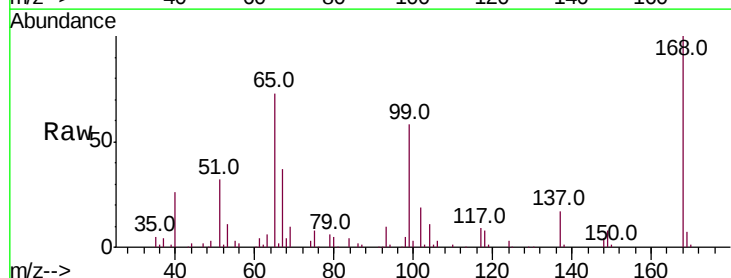
Acq: 25 Mar 2019 13:27

Tgt Ion: 65 Resp: 117551

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

30000

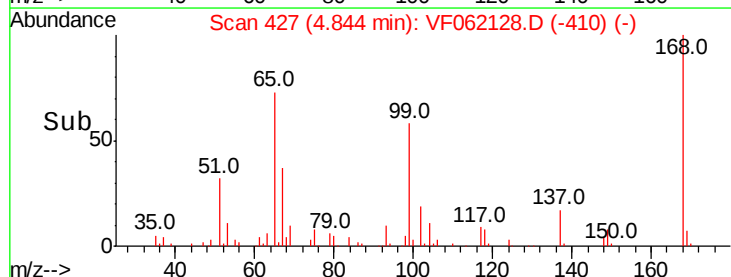
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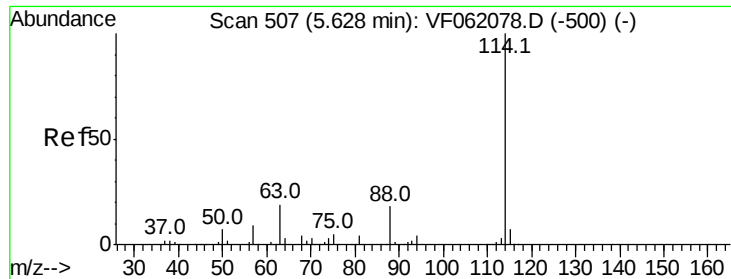
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.03 min

Lab File: VF062128.D

Acq: 25 Mar 2019 13:27

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBL01

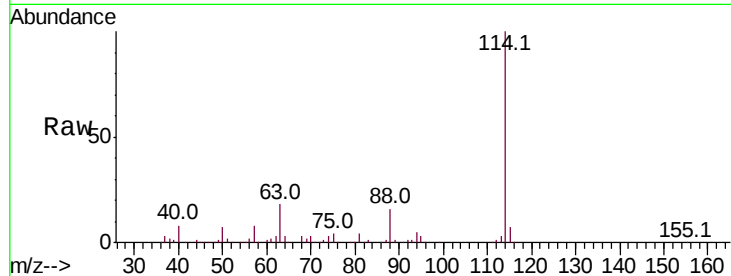
Tot Ion:114 Resp: 439495

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

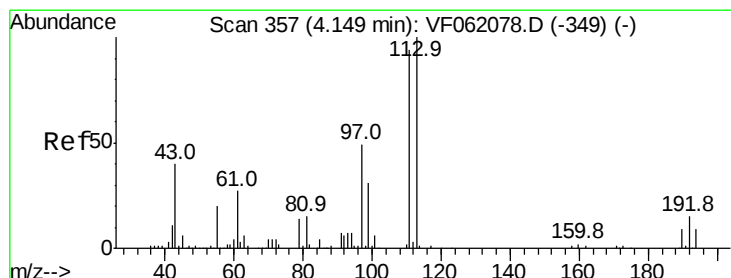
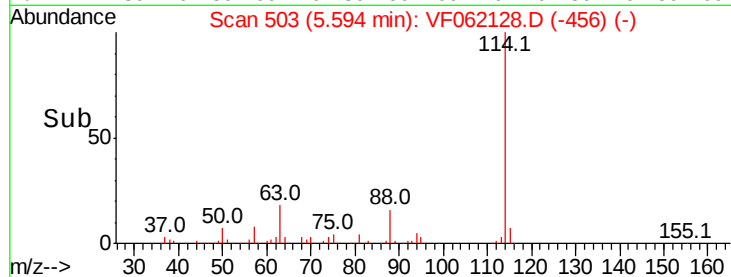
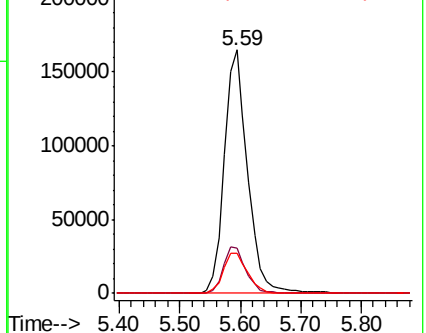
88 16.4 0.0 36.4



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: 54.061 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.04 min

Lab File: VF062128.D

Acq: 25 Mar 2019 13:27

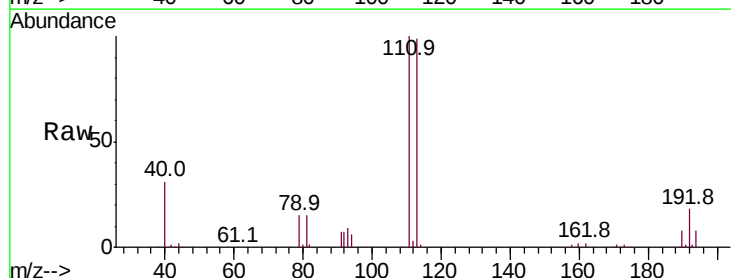
Tgt Ion:113 Resp: 160723

Ion Ratio Lower Upper

113 100

111 101.0 75.4 113.0

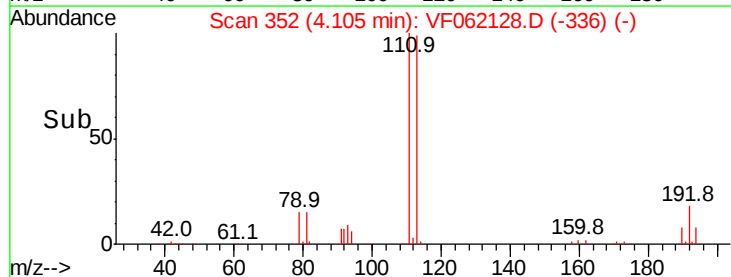
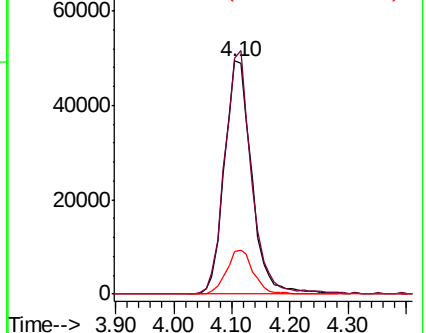
192 18.8 12.3 18.5#

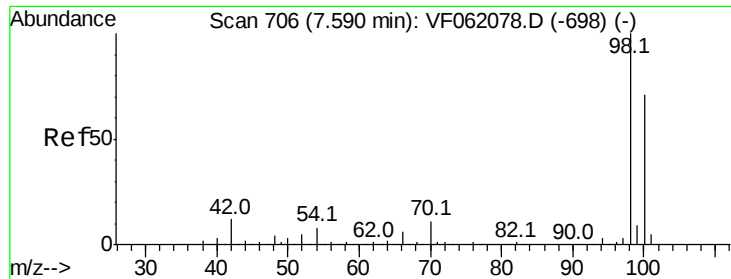


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

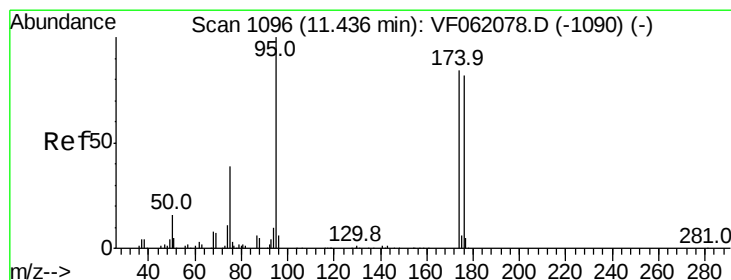
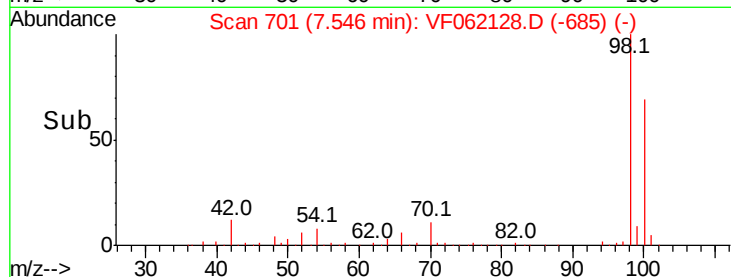
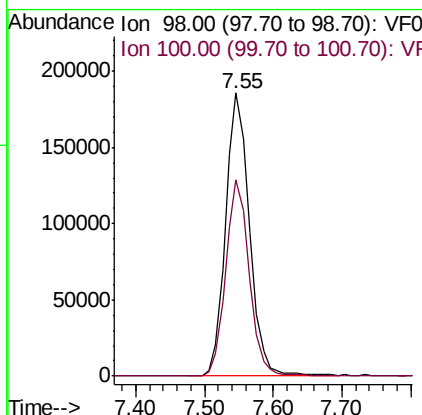
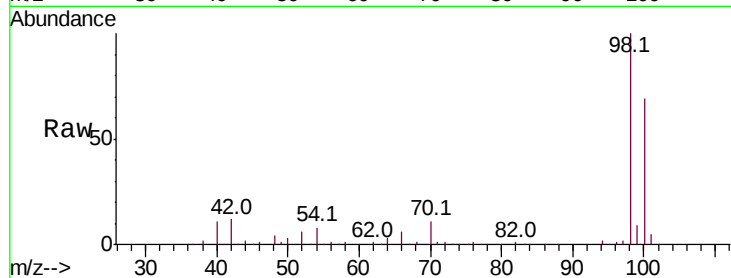




#50
Toluene-d8
Concen: 50.211 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.04 min
Lab File: VF062128.D
Acq: 25 Mar 2019 13:27

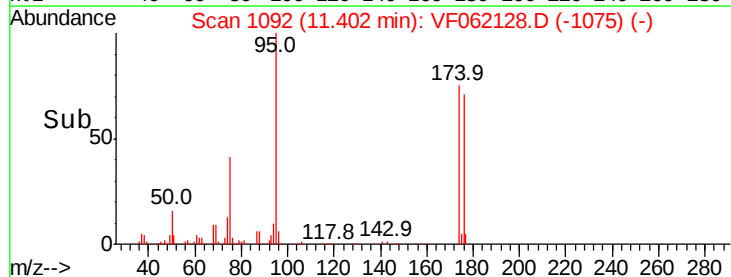
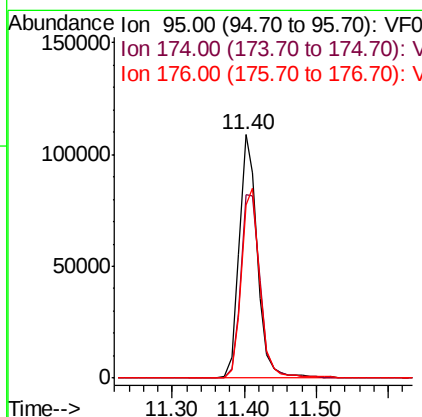
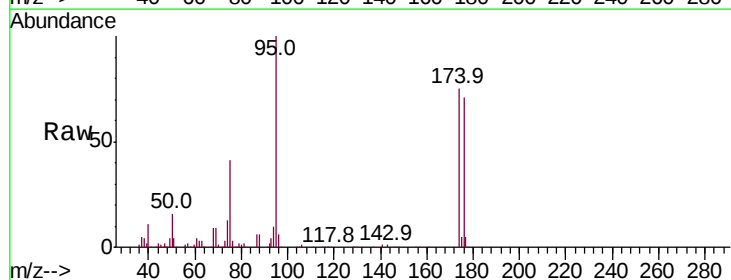
Instrument :
MSVOA_F
ClientSampleId :
VF0325SBL01

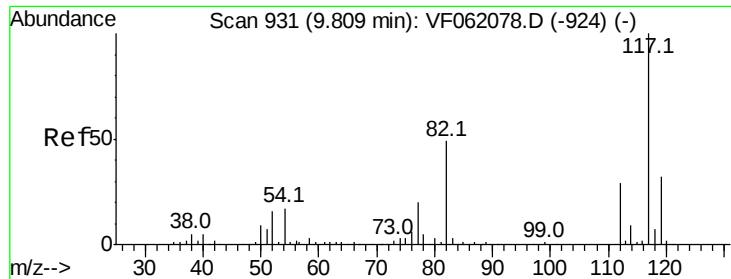
Tot Ion: 98 Resp: 445593
Ion Ratio Lower Upper
98 100
100 69.3 57.0 85.6



#62
4-Bromofluorobenzene
Concen: 56.171 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VF062128.D
Acq: 25 Mar 2019 13:27

Tgt Ion: 95 Resp: 192446
Ion Ratio Lower Upper
95 100
174 75.3 0.0 168.2
176 71.0 0.0 164.2

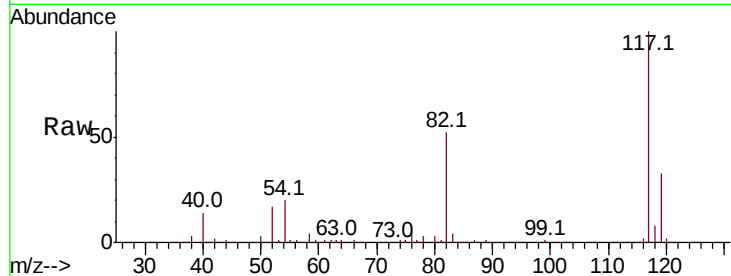




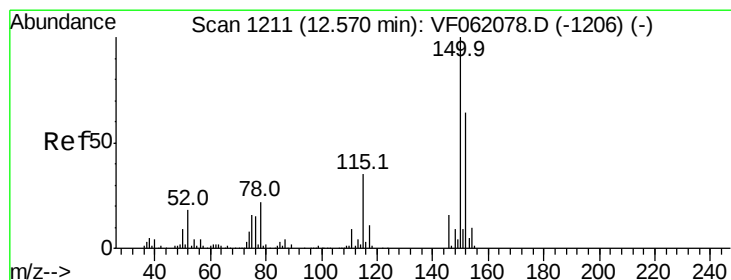
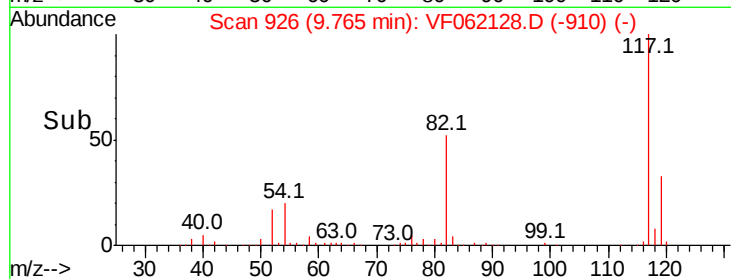
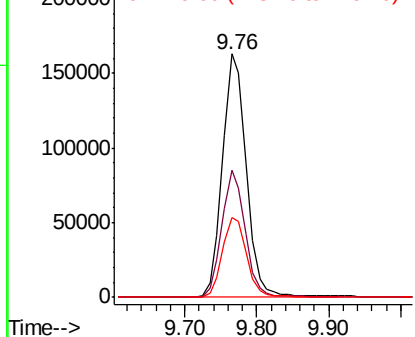
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.76 min Scan# 926
 Delta R.T. -0.04 min
 Lab File: VF062128.D
 Acq: 25 Mar 2019 13:27

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBL01

Tot Ion:117 Resp: 375826
 Ion Ratio Lower Upper
 117 100
 82 52.1 39.2 58.8
 119 33.0 25.4 38.2

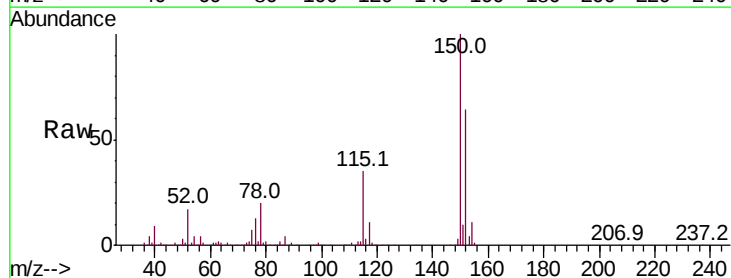


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VF0
 Ion 119.00 (118.70 to 119.70): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: VF062128.D
 Acq: 25 Mar 2019 13:27

Tgt Ion:152 Resp: 217251
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.7 83.1
 150 155.4 0.0 313.2



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

