

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062258.D
 Acq On : 23 Apr 2019 12:26
 Operator : FY/SY
 Sample : VF0423SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBL01

Quant Time: Apr 23 15:38:39 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	383754	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	582558	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	438971	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	293268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	201035	57.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	4.32	113	275431	54.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.10%	
50) Toluene-d8	7.72	98	696841	54.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	11.50	95	289923	58.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.84%	

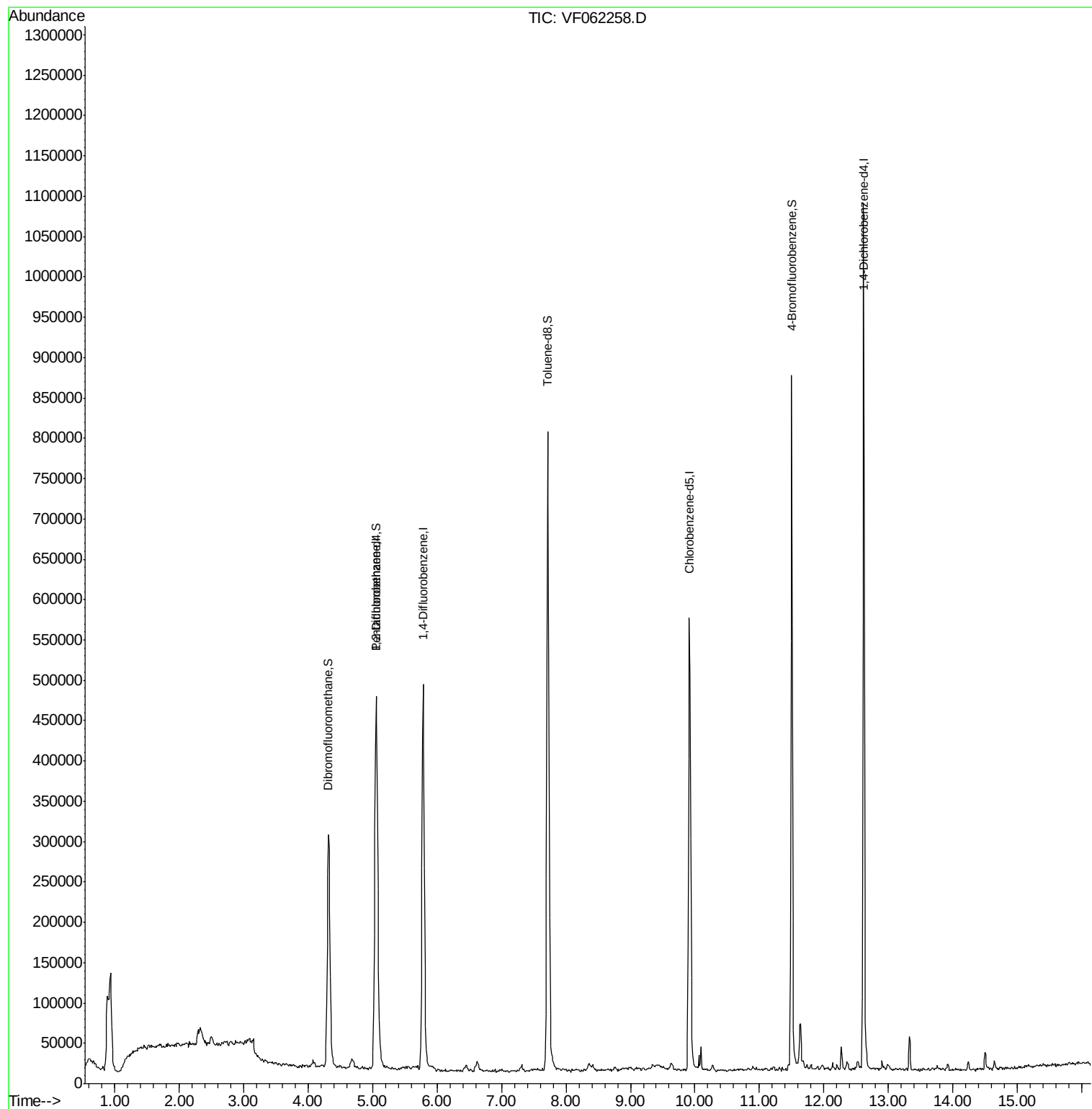
Target Compounds	Qvalue

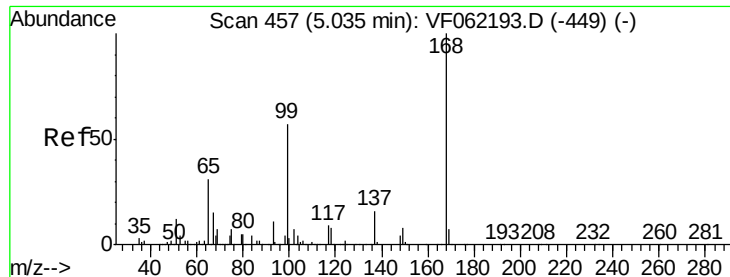
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062258.D

Acq: 23 Apr 2019 12:26

Instrument :

MSVOA_F

ClientSampleId :

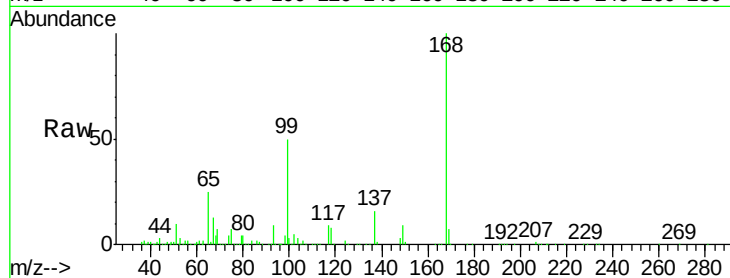
VF0423SBL01

Tot Ion:168 Resp: 383754

Ion Ratio Lower Upper

168 100

99 50.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

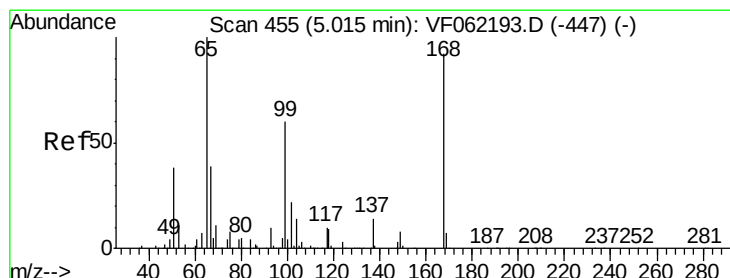
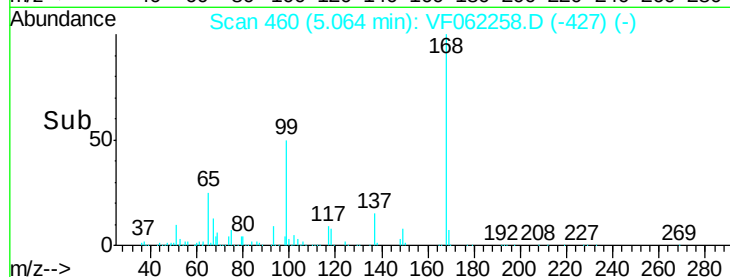
100000

50000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.132 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062258.D

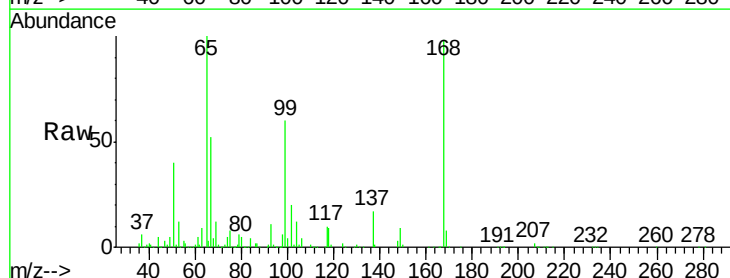
Acq: 23 Apr 2019 12:26

Tgt Ion: 65 Resp: 201035

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

80000

60000

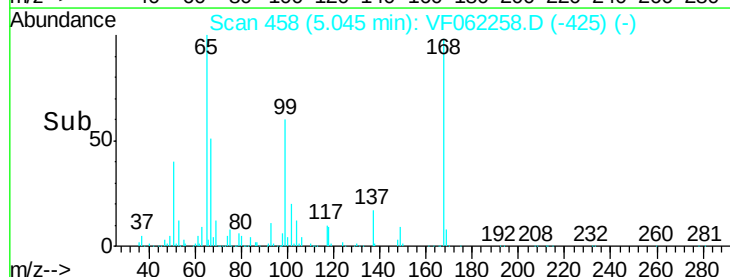
40000

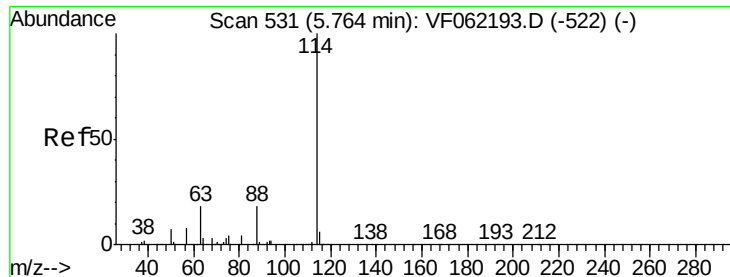
20000

0

4.90 5.00 5.10 5.20

Time-->

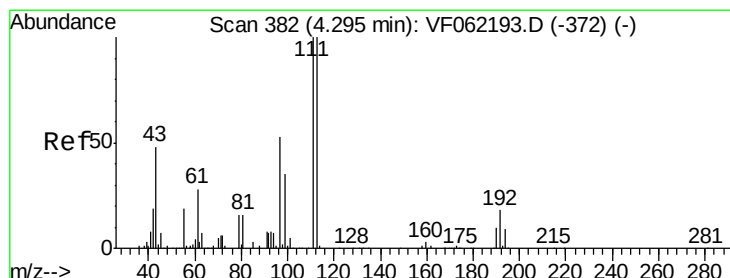
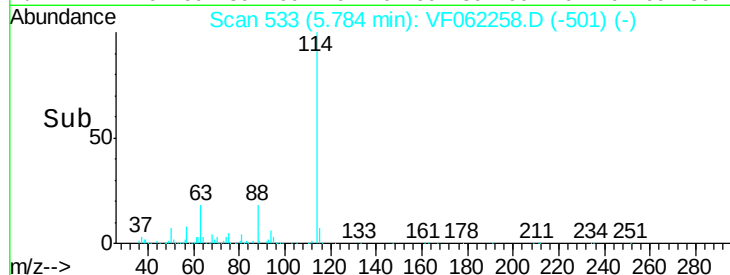
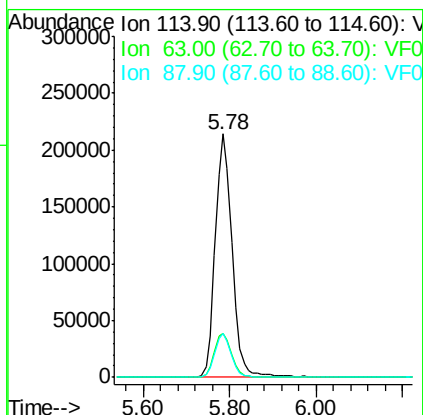
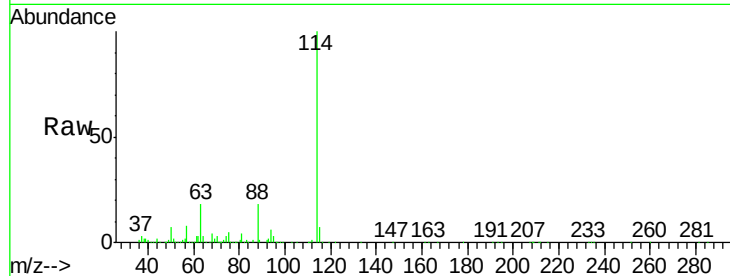




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062258.D
 Acq: 23 Apr 2019 12:26

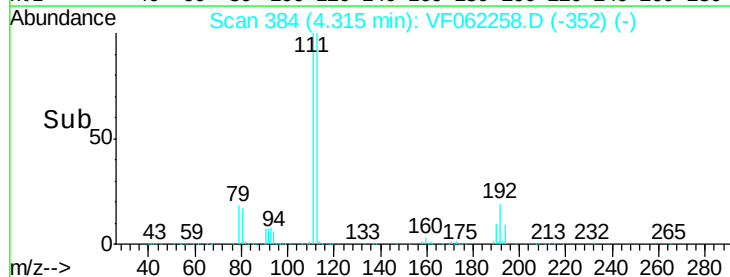
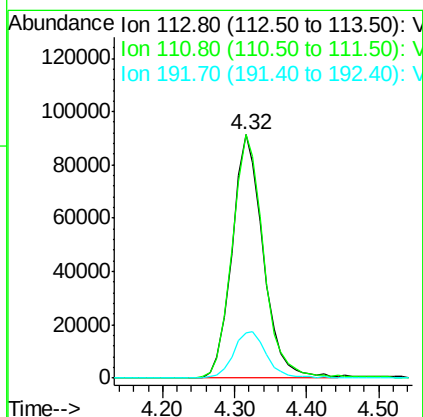
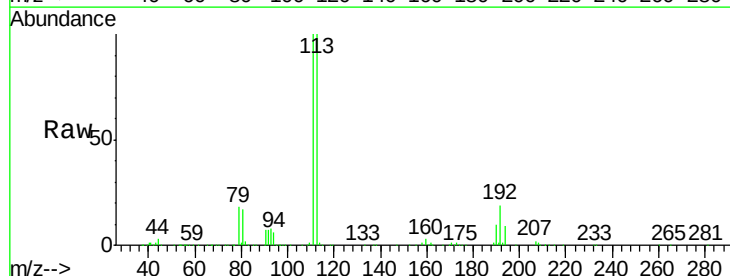
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBL01

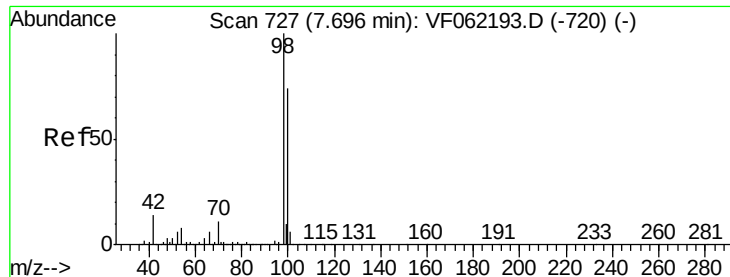
Tot Ion:114	Resp:	582558
Ion Ratio	Lower	Upper
114 100		
63 17.9	0.0	36.6
88 18.1	0.0	35.8



#35
 Dibromofluoromethane
 Concen: 54.050 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062258.D
 Acq: 23 Apr 2019 12:26

Tgt Ion:113	Resp:	275431
Ion Ratio	Lower	Upper
113 100		
111 102.0	81.1	121.7
192 20.6	14.7	22.1

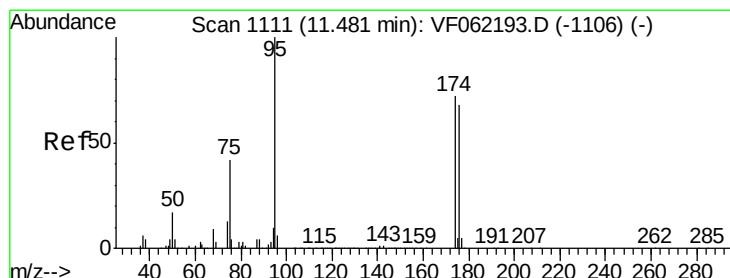
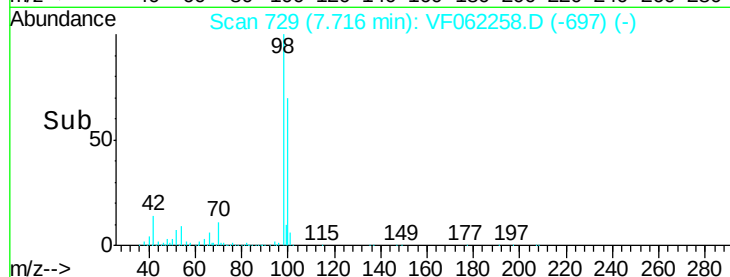
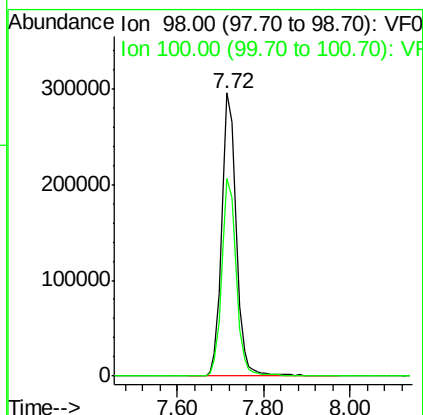
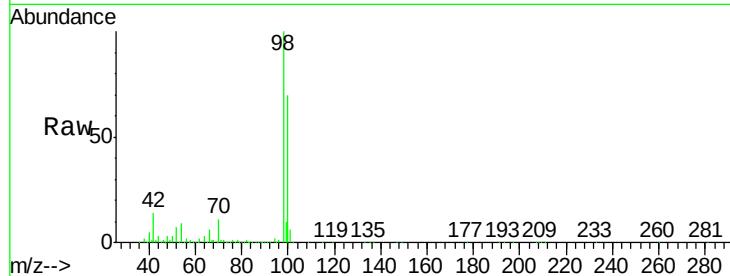




#50
Toluene-d8
Concen: 54.021 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

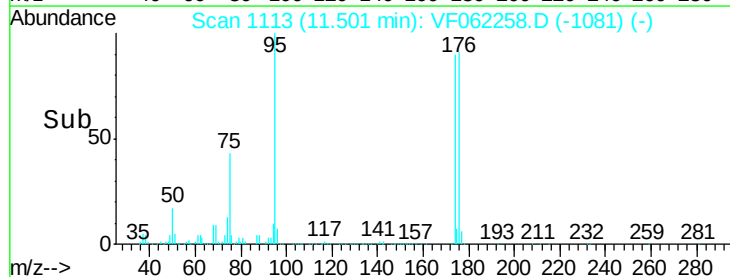
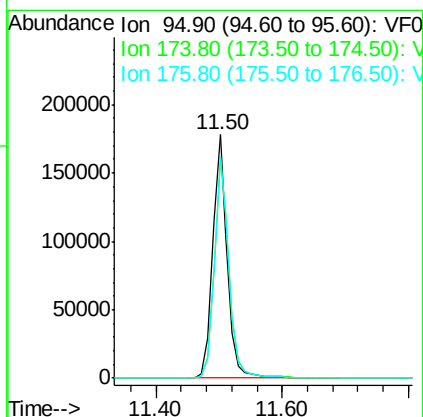
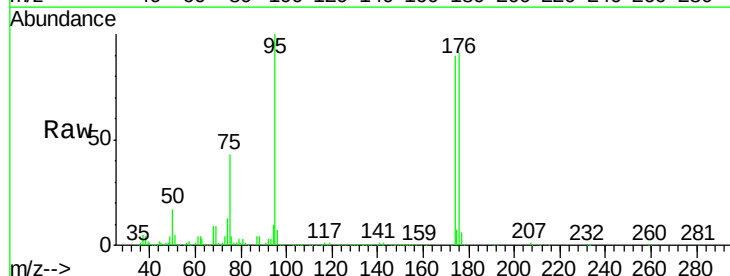
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

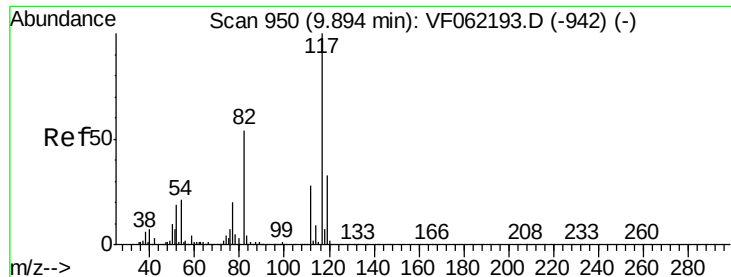
Tot Ion: 98 Resp: 696841
Ion Ratio Lower Upper
98 100
100 68.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 58.425 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 95 Resp: 289923
Ion Ratio Lower Upper
95 100
174 91.5 0.0 159.4
176 92.3 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062258.D

Acq: 23 Apr 2019 12:26

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBL01

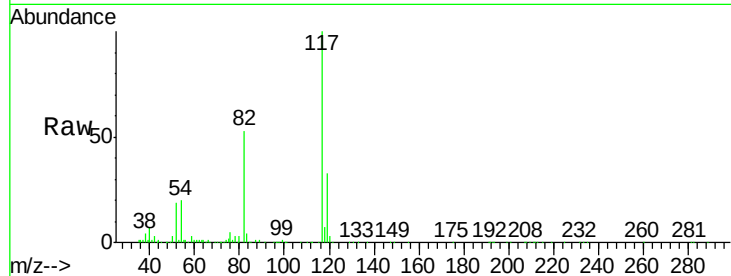
Tot Ion:117 Resp: 438971

Ion Ratio Lower Upper

117 100

82 53.4 43.2 64.8

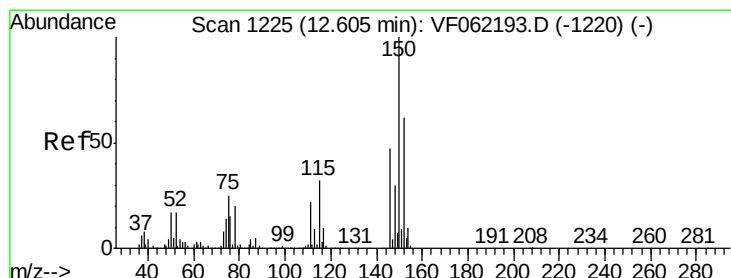
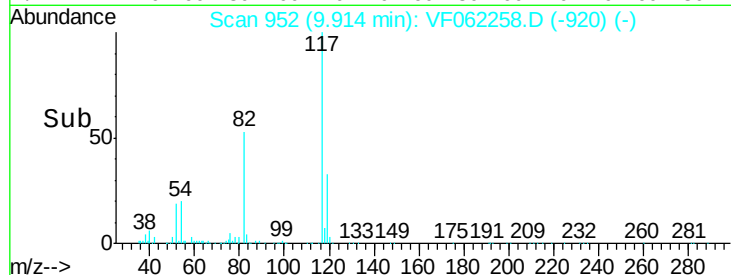
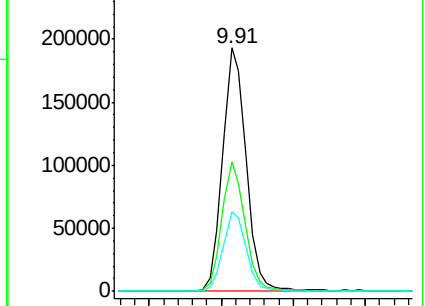
119 32.6 26.2 39.4



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# 1226

Delta R.T. 0.01 min

Lab File: VF062258.D

Acq: 23 Apr 2019 12:26

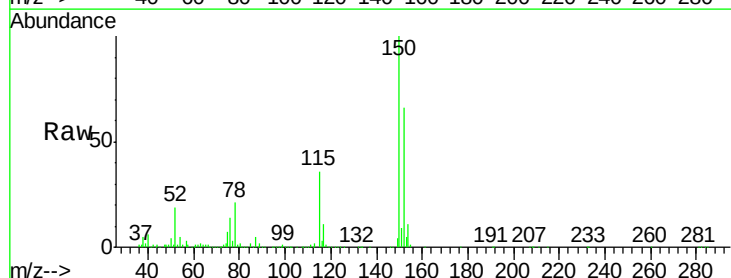
Tgt Ion:152 Resp: 293268

Ion Ratio Lower Upper

152 100

115 53.7 27.8 83.3

150 152.0 0.0 341.8



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

