

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061515.D
 Acq On : 25 Jan 2019 12:06
 Operator : VA/AP
 Sample : VF01251SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF01251SBL01

Quant Time: Jan 28 00:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	199854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	361411	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	326779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	168178	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	114566	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	4.11	113	135123	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	7.55	98	359093	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.41	95	170936	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

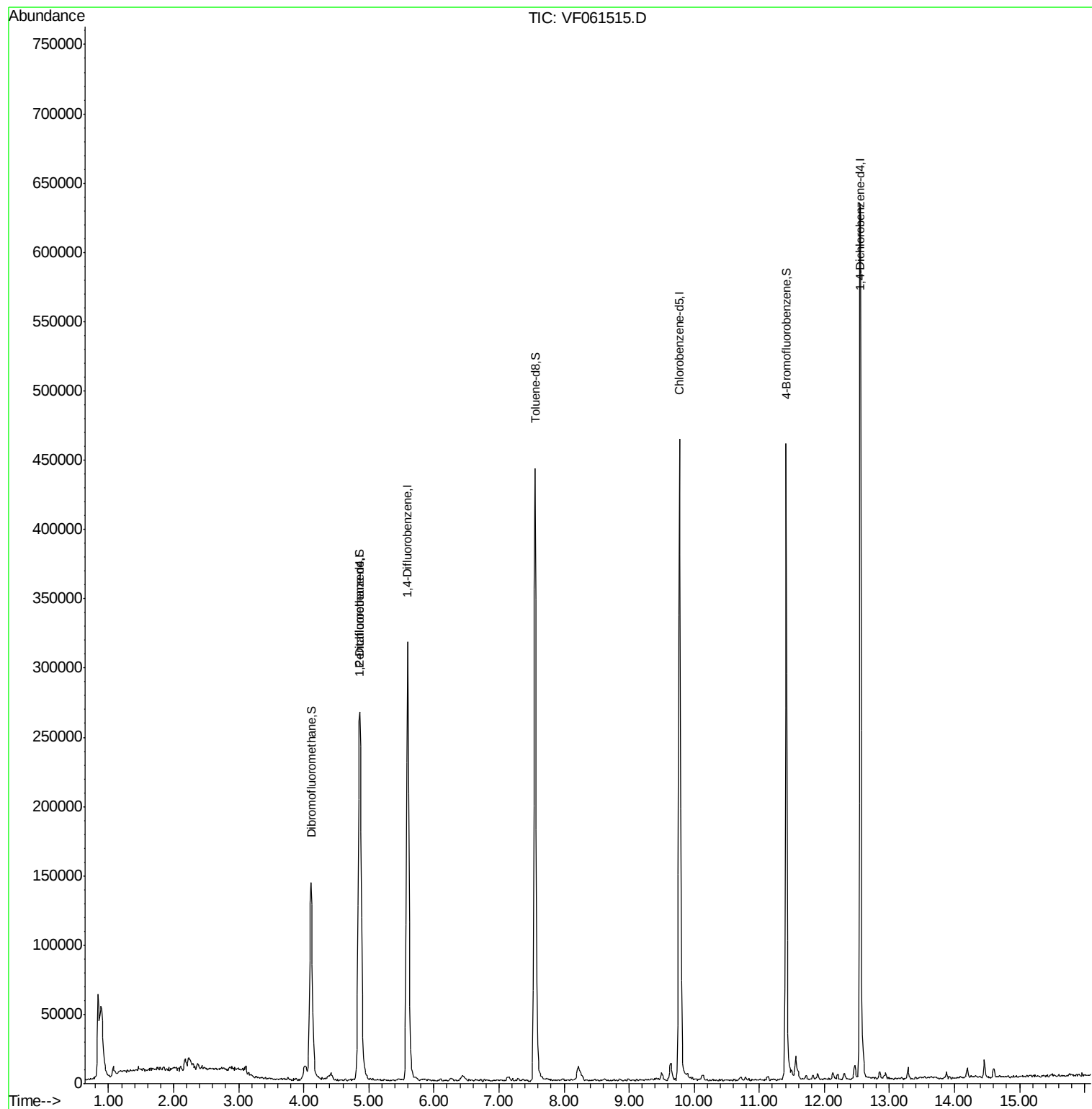
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061515.D

Acq: 25 Jan 2019 12:06

Instrument :

MSVOA_F

ClientSampleId :

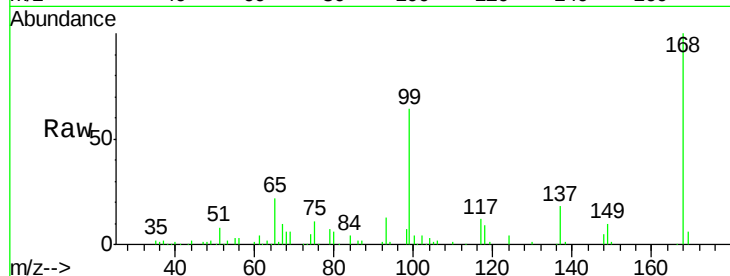
VF01251SBL01

Tot Ion:168 Resp: 199854

Ion Ratio Lower Upper

168 100

99 64.0 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

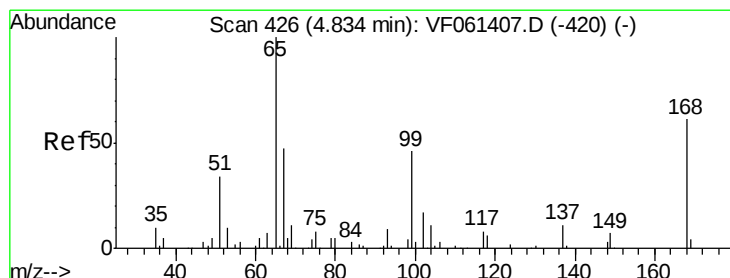
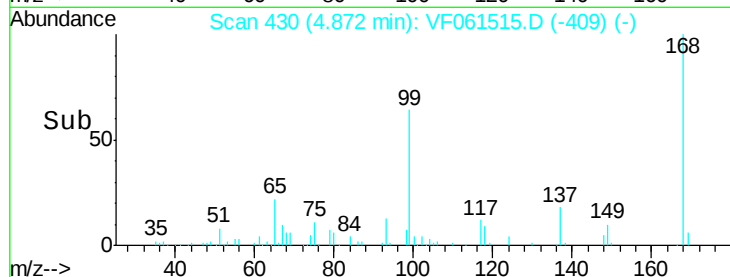
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 46.431 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061515.D

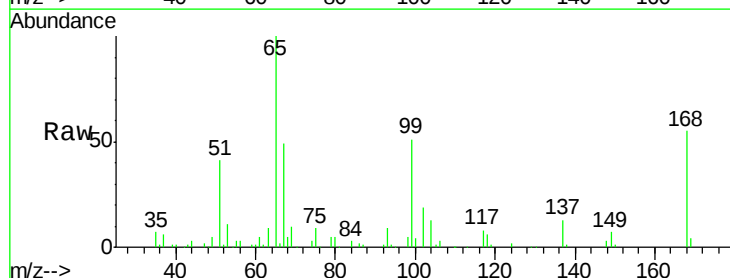
Acq: 25 Jan 2019 12:06

Tgt Ion: 65 Resp: 114566

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

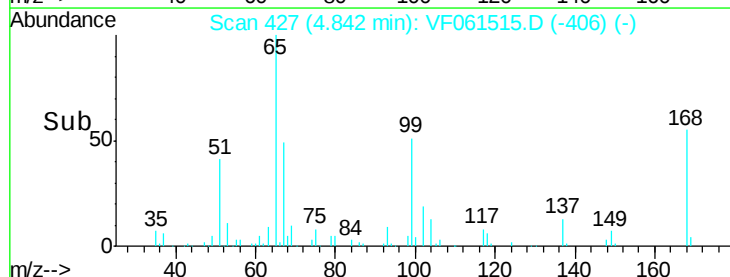
30000

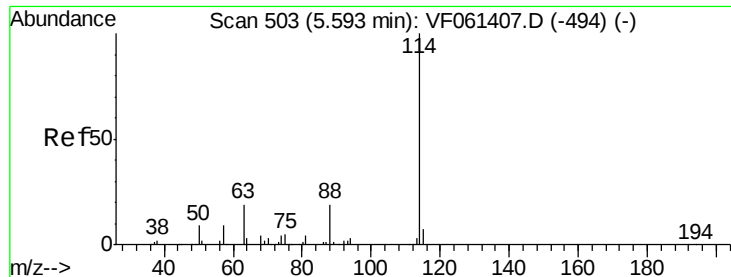
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061515.D

Acq: 25 Jan 2019 12:06

Instrument :

MSVOA_F

ClientSampleId :

VF01251SBL01

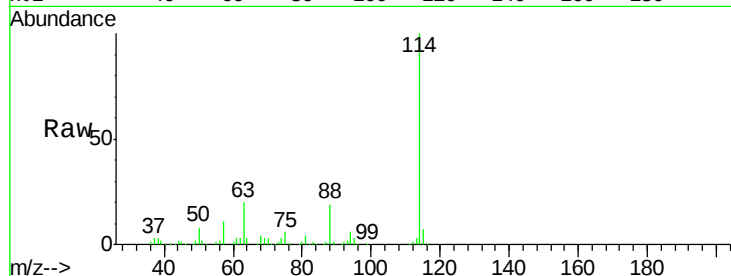
Tot Ion:114 Resp: 361411

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

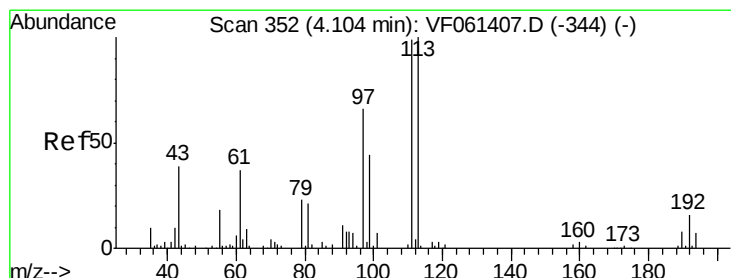
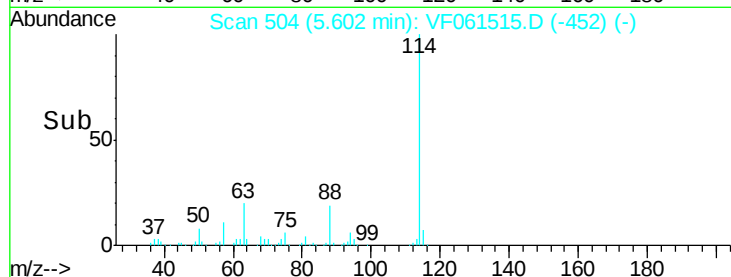
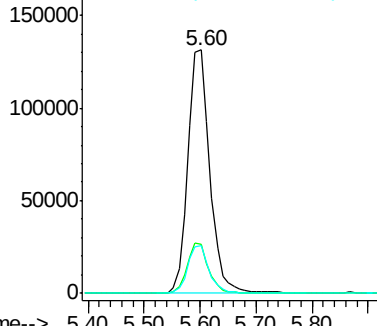
88 19.5 0.0 37.4



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: 47.381 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061515.D

Acq: 25 Jan 2019 12:06

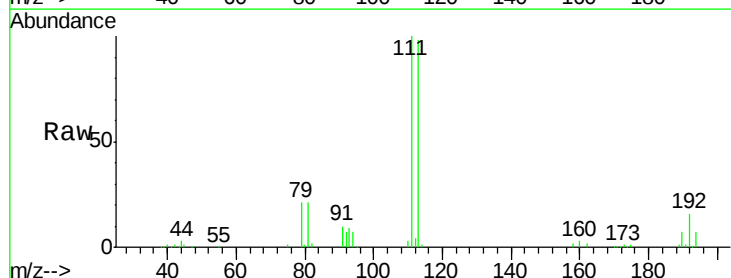
Tgt Ion:113 Resp: 135123

Ion Ratio Lower Upper

113 100

111 101.7 79.4 119.0

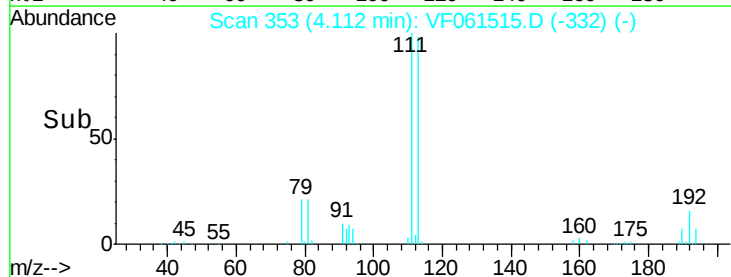
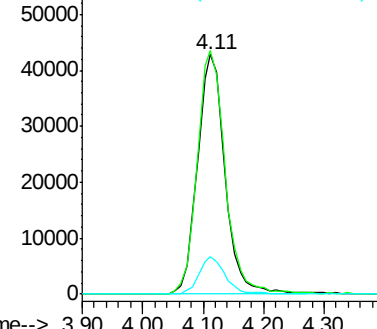
192 15.9 12.4 18.6

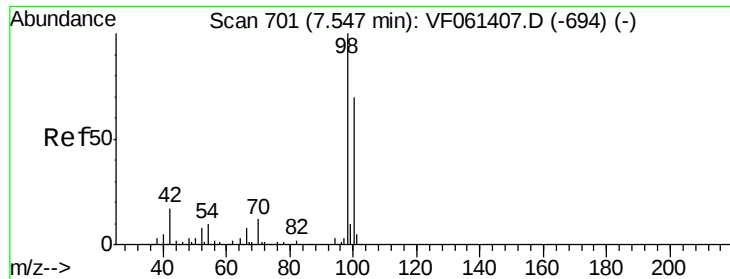


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

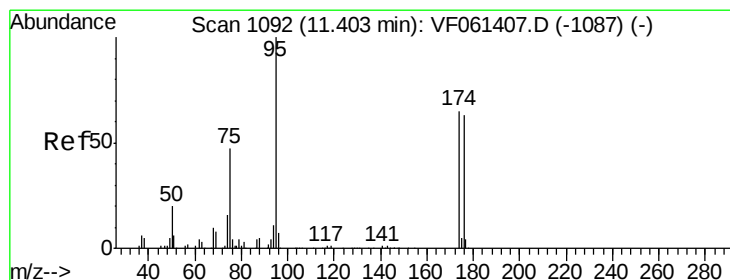
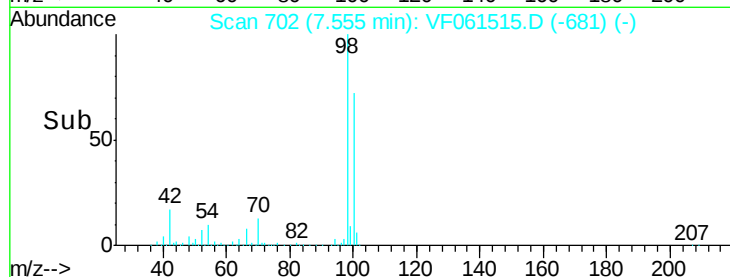
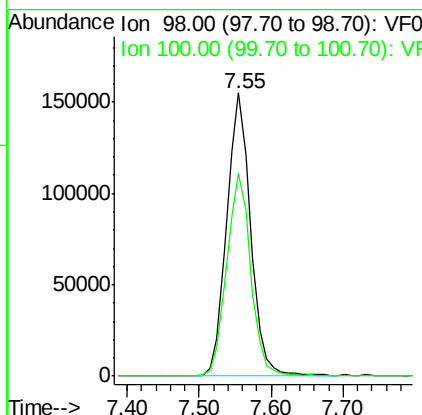
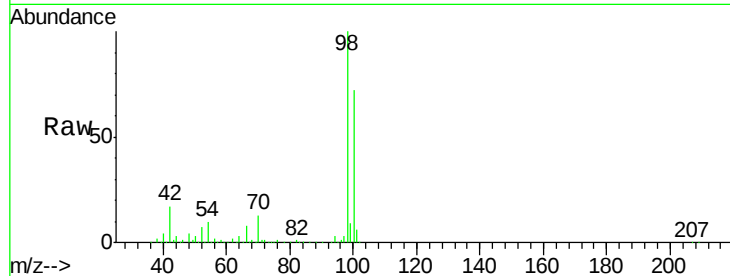




#50
Toluene-d8
Concen: 45.958 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061515.D
Acq: 25 Jan 2019 12:06

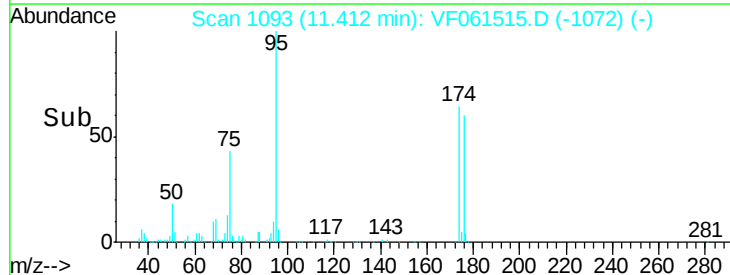
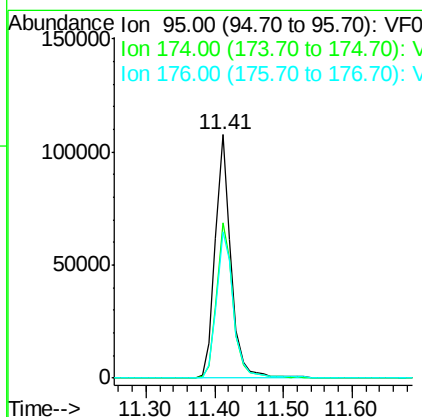
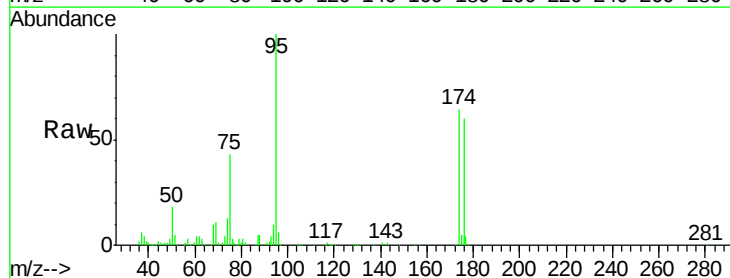
Instrument :
MSVOA_F
ClientSampleId :
VF01251SBL01

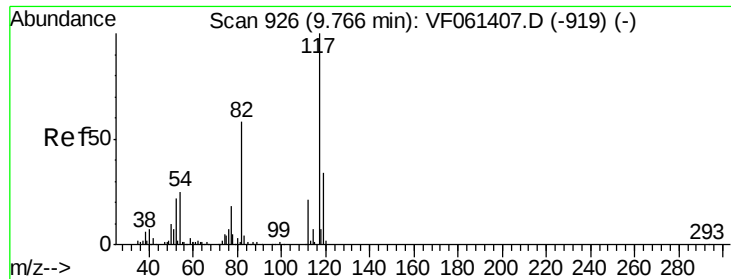
Tot Ion: 98 Resp: 359093
Ion Ratio Lower Upper
98 100
100 71.8 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 46.823 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061515.D
Acq: 25 Jan 2019 12:06

Tgt Ion: 95 Resp: 170936
Ion Ratio Lower Upper
95 100
174 63.5 0.0 130.4
176 60.1 0.0 126.2

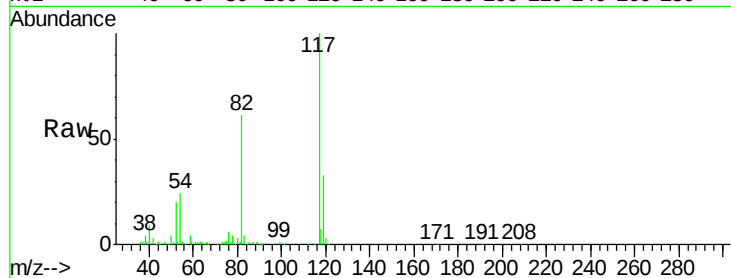




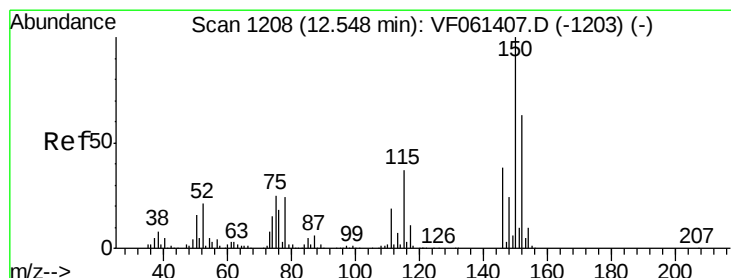
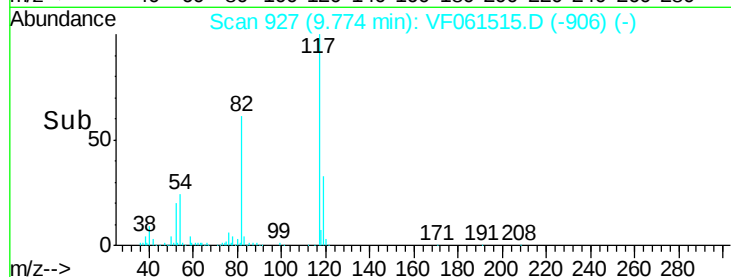
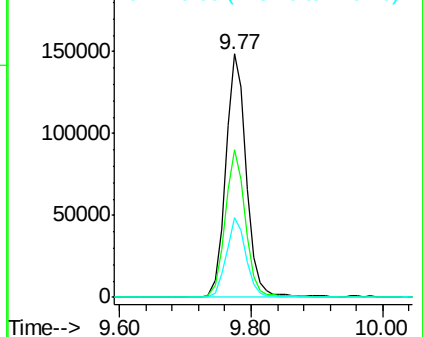
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061515.D
Acq: 25 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF01251SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.4	69.6
119	33.0	27.2	40.8

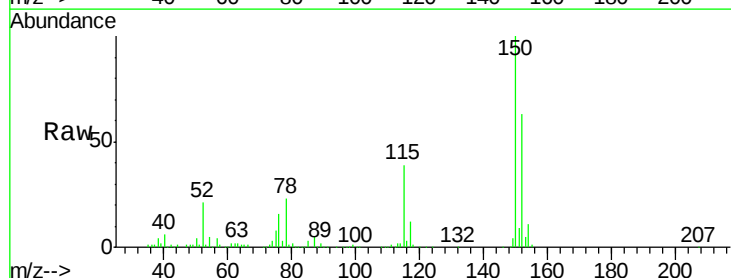


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061515.D
Acq: 25 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.0	90.0
150	158.6	0.0	321.4



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

