

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061385.D
 Acq On : 14 Jan 2019 13:08
 Operator : VA/AP
 Sample : VF0114SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0114SBL01

Quant Time: Jan 14 21:49:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	213341	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	367240	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	323925	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	176603	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	122694	51.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	4.09	113	144443	51.40	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	7.53	98	358866	43.16	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	86.32%	
62) 4-Bromofluorobenzene	11.39	95	189109	52.08	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.16%	

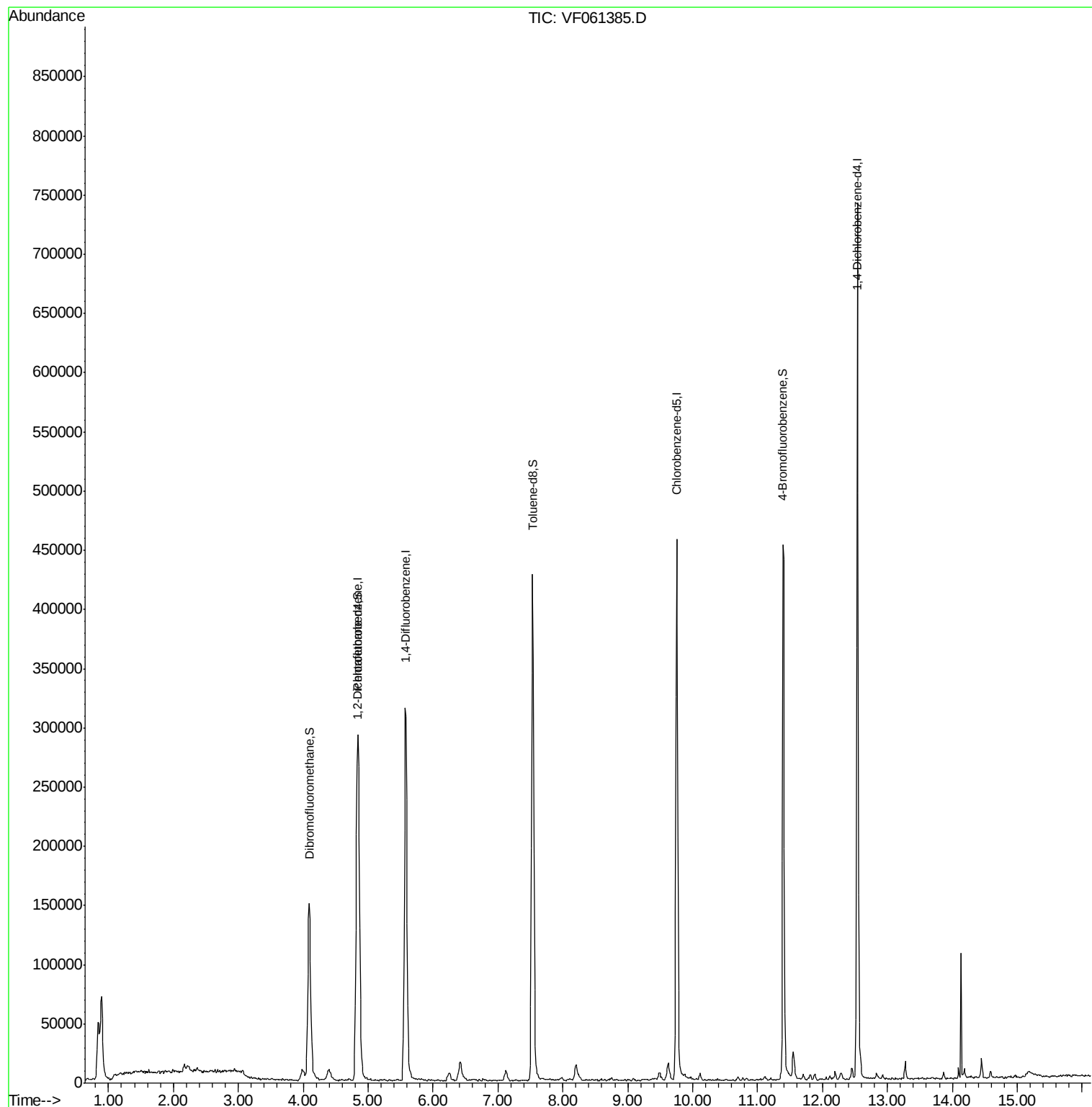
Target Compounds	Qvalue

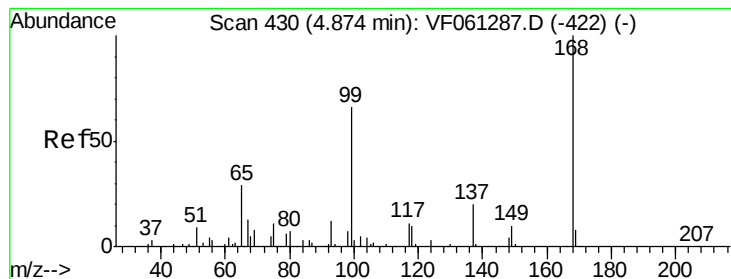
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061385.D

Acq: 14 Jan 2019 13:08

Instrument :

MSVOA_F

ClientSampleId :

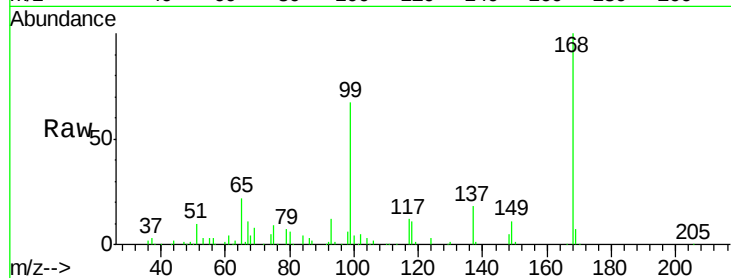
VF0114SBL01

Tot Ion:168 Resp: 213341

Ion Ratio Lower Upper

168 100

99 67.3 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

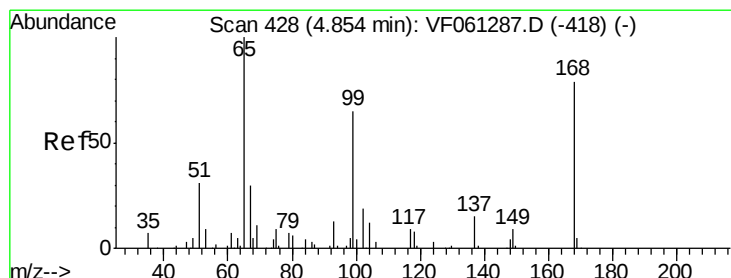
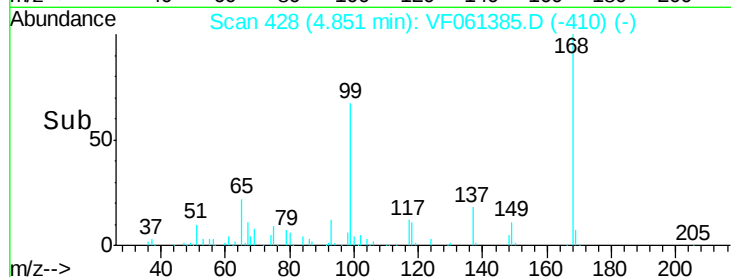
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.669 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061385.D

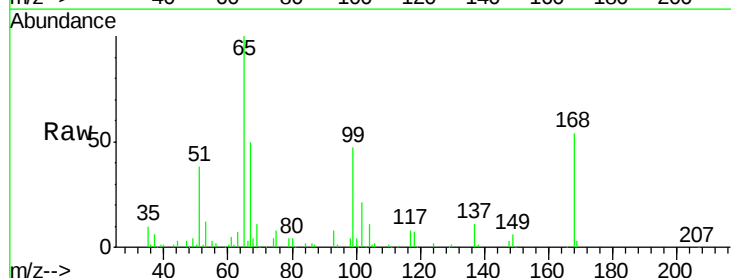
Acq: 14 Jan 2019 13:08

Tgt Ion: 65 Resp: 122694

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

30000

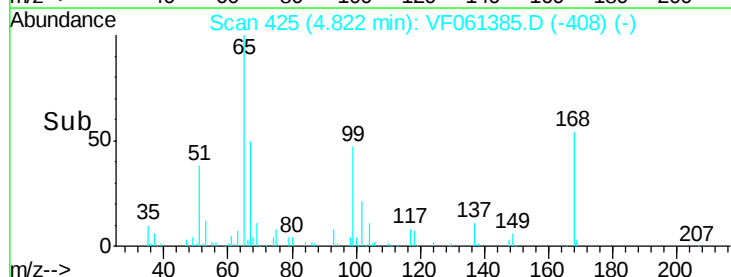
20000

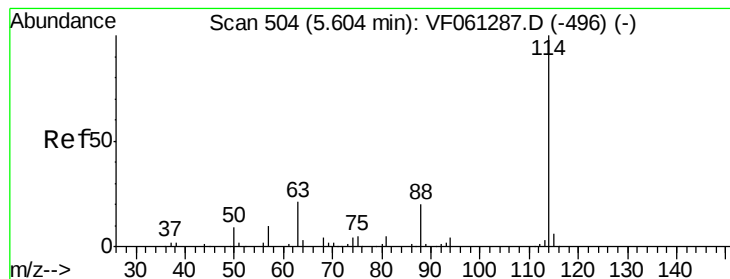
10000

0

4.70 4.80 4.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061385.D

Acq: 14 Jan 2019 13:08

Instrument :

MSVOA_F

ClientSampleId :

VF0114SBL01

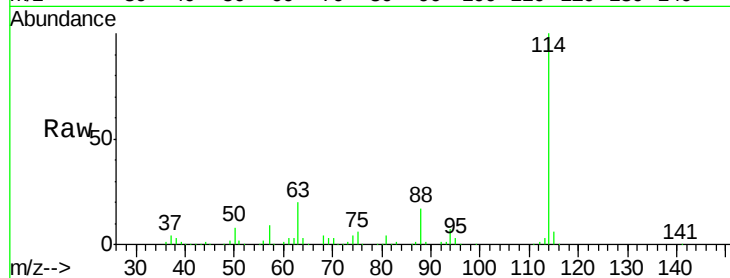
Tot Ion:114 Resp: 367240

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

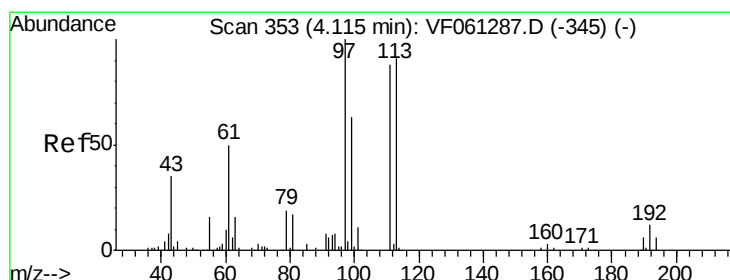
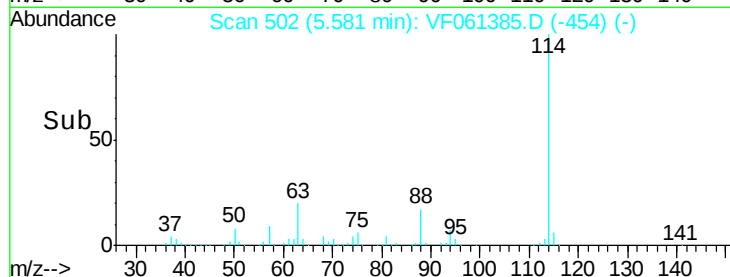
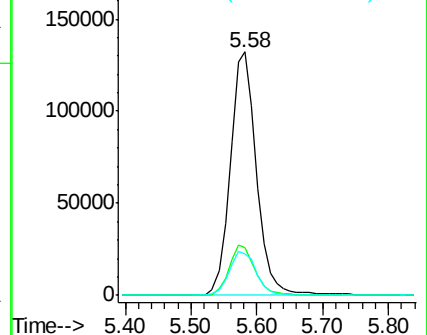
88 17.1 0.0 40.0



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: 51.403 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061385.D

Acq: 14 Jan 2019 13:08

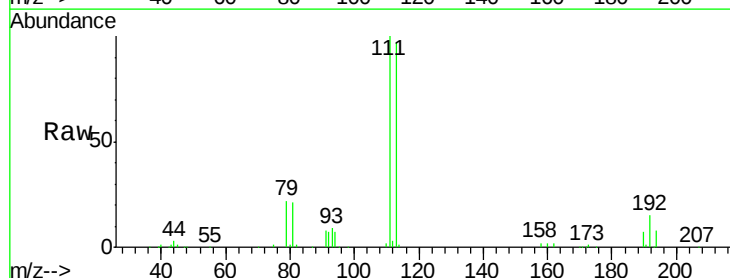
Tgt Ion:113 Resp: 144443

Ion Ratio Lower Upper

113 100

111 102.7 78.0 117.0

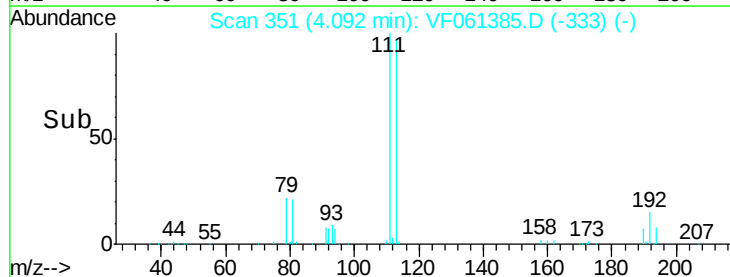
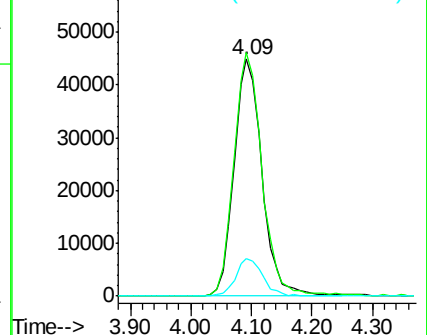
192 15.8 10.6 16.0

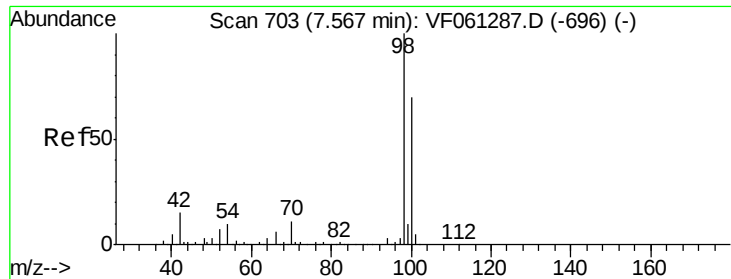


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

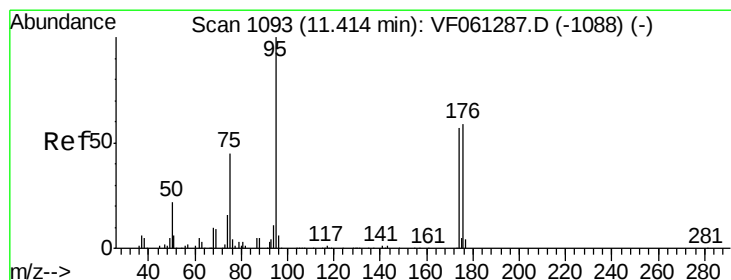
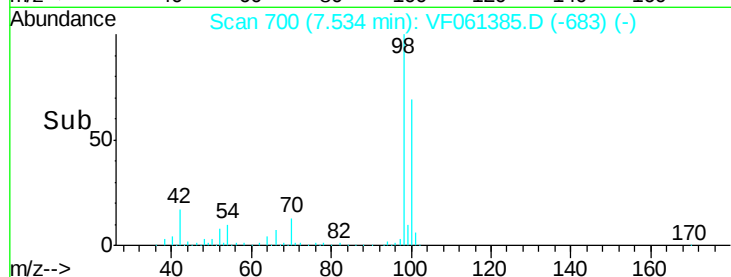
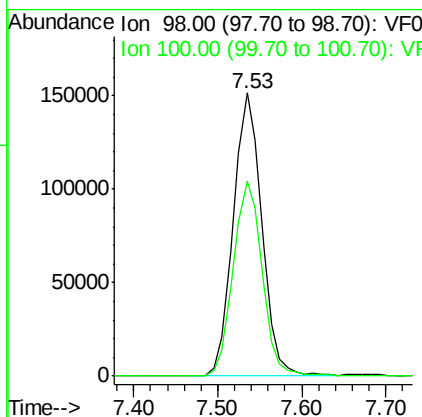
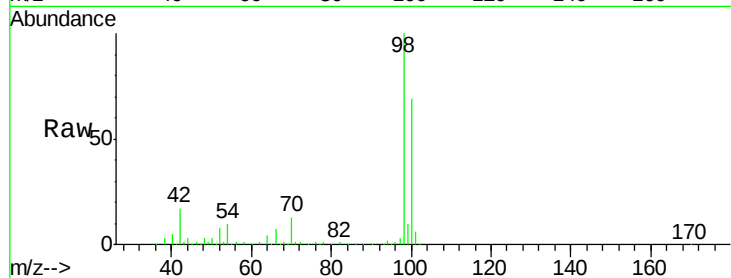




#50
Toluene-d8
Concen: 43.156 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061385.D
Acq: 14 Jan 2019 13:08

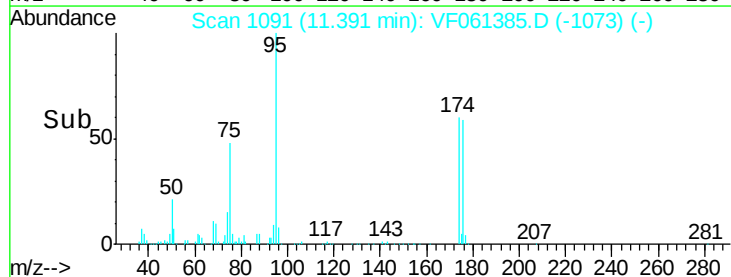
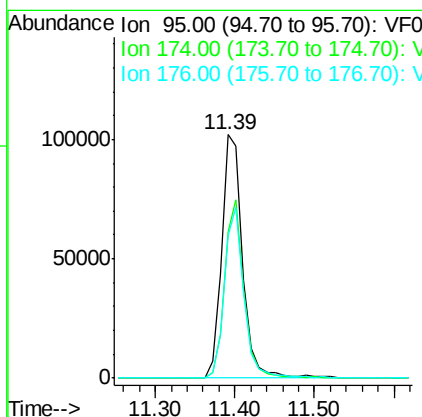
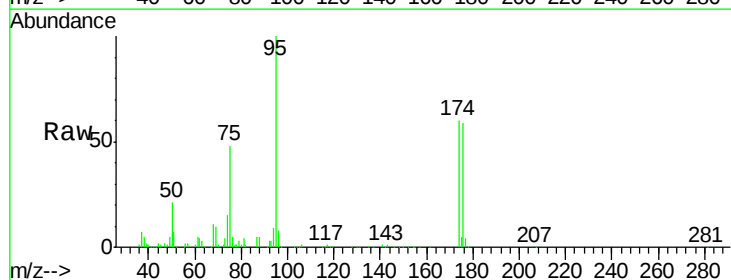
Instrument :
MSVOA_F
ClientSampleId :
VF0114SBL01

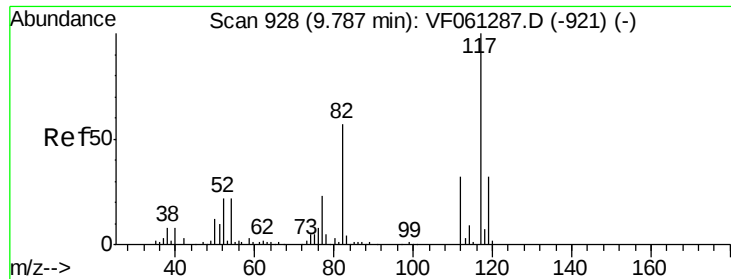
Tot Ion: 98 Resp: 358866
Ion Ratio Lower Upper
98 100
100 68.8 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 52.081 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061385.D
Acq: 14 Jan 2019 13:08

Tgt Ion: 95 Resp: 189109
Ion Ratio Lower Upper
95 100
174 60.0 0.0 114.2
176 58.7 0.0 117.8

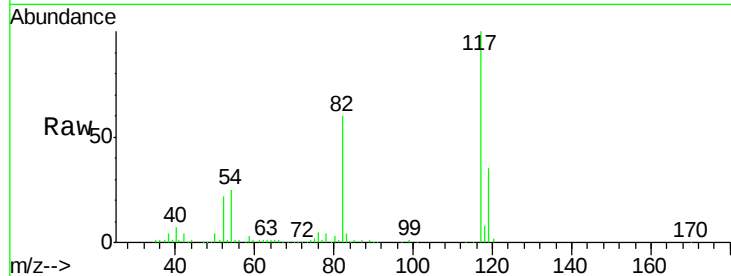




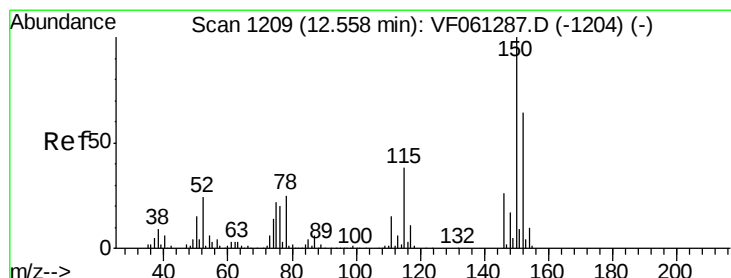
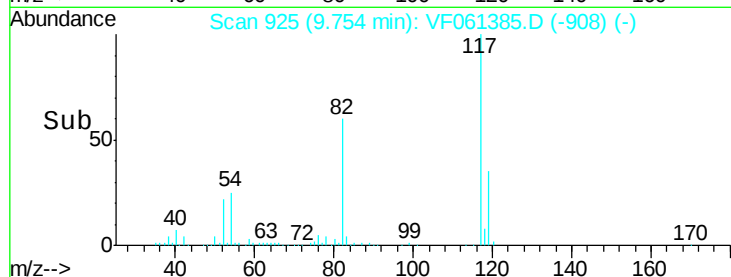
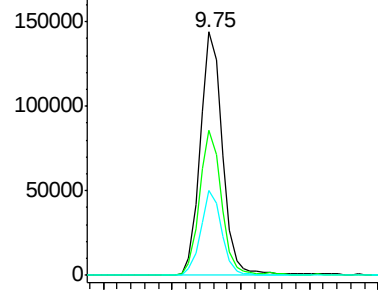
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061385.D
Acq: 14 Jan 2019 13:08

Instrument :
MSVOA_F
ClientSampleId :
VF0114SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.3	67.9
119	34.8	25.4	38.0

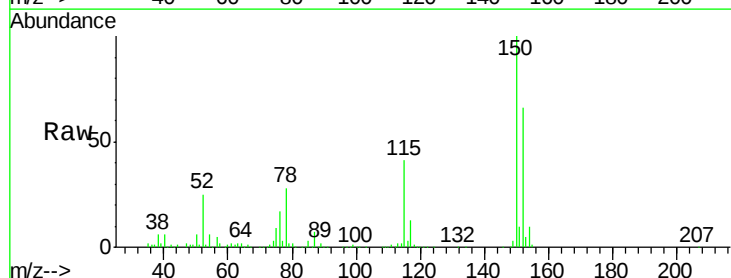


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061385.D
Acq: 14 Jan 2019 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	29.6	88.9
150	152.5	0.0	315.4



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

