

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061203.D
 Acq On : 27 Dec 2018 12:43
 Operator : VA/AP
 Sample : VF1227SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1227SBL01

Quant Time: Dec 27 13:55:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	197706	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	348130	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	311213	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	173626	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	144927	56.99	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	4.08	113	164638	59.04	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	118.08%	
50) Toluene-d8	7.52	98	418297	52.93	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.39	95	205275	56.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.68%	

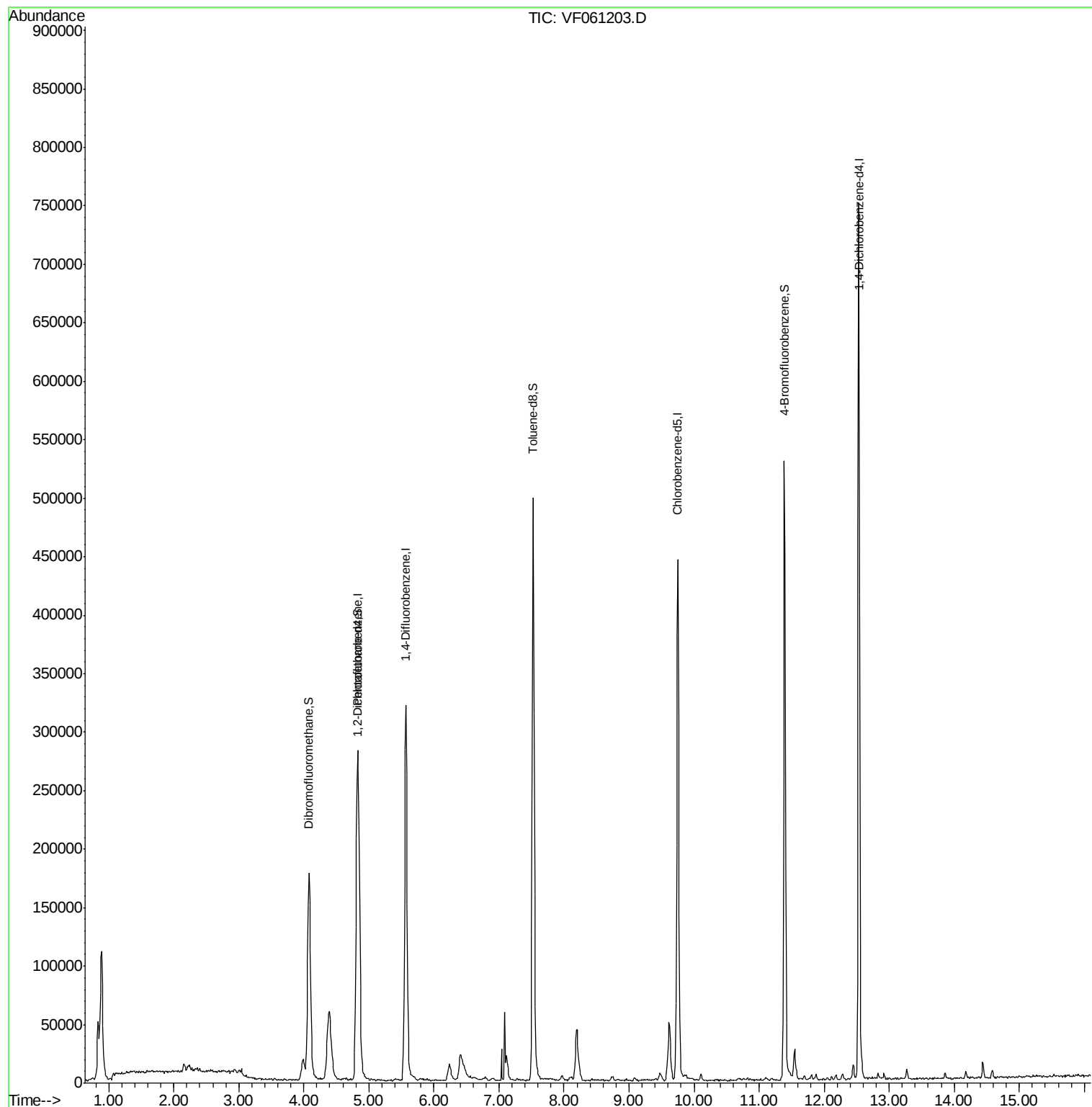
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF061203.D

Acq: 27 Dec 2018 12:43

Instrument :

MSVOA_F

ClientSampleId :

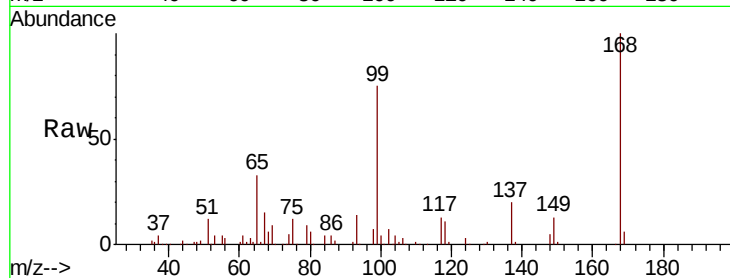
VF1227SBL01

Tot Ion:168 Resp: 197706

Ion Ratio Lower Upper

168 100

99 75.1 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

60000

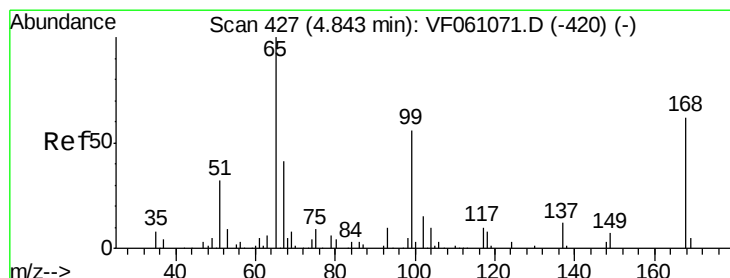
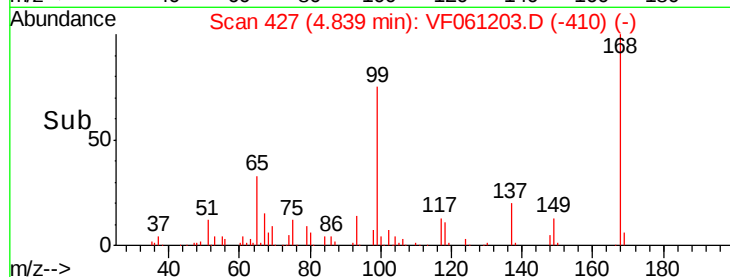
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 56.994 ug/l

RT: 4.81 min Scan# 424

Delta R.T. -0.03 min

Lab File: VF061203.D

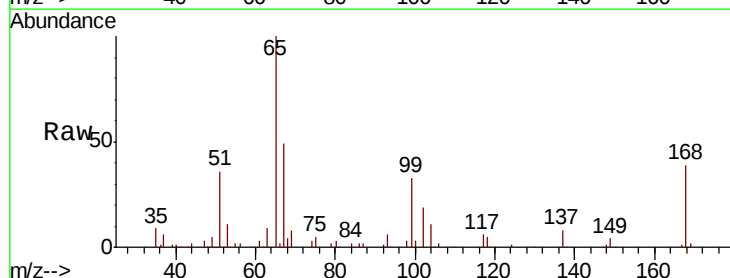
Acq: 27 Dec 2018 12:43

Tgt Ion: 65 Resp: 144927

Ion Ratio Lower Upper

65 100

67 49.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.81

50000

40000

30000

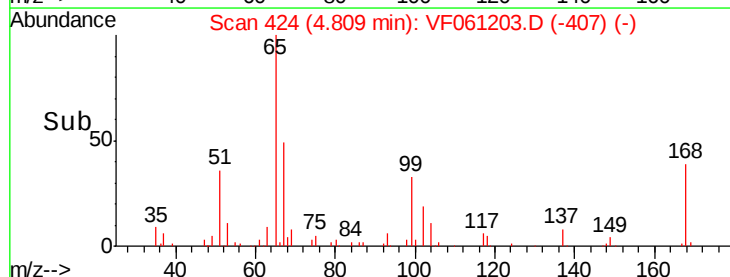
20000

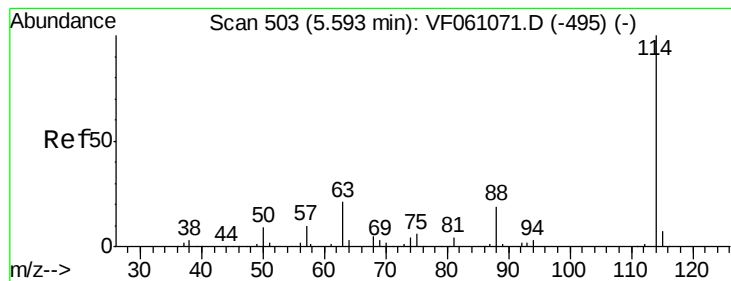
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061203.D

Acq: 27 Dec 2018 12:43

Instrument :

MSVOA_F

ClientSampleId :

VF1227SBL01

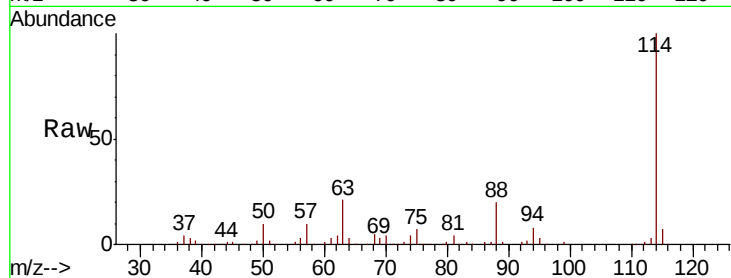
Tot Ion:114 Resp: 348130

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

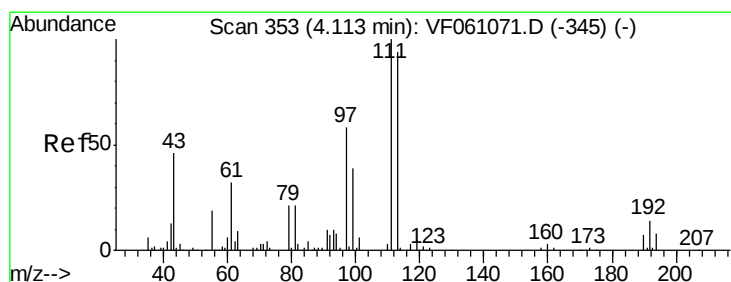
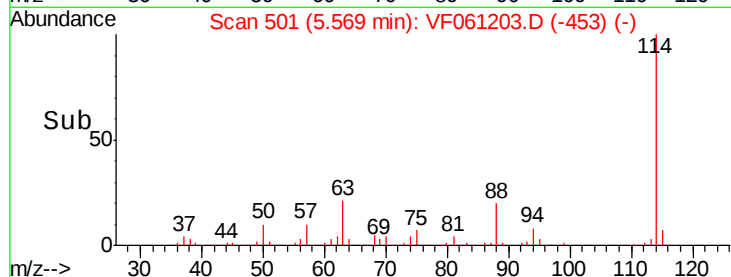
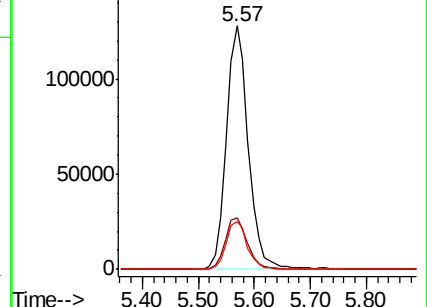
88 19.7 0.0 38.0



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: 59.037 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF061203.D

Acq: 27 Dec 2018 12:43

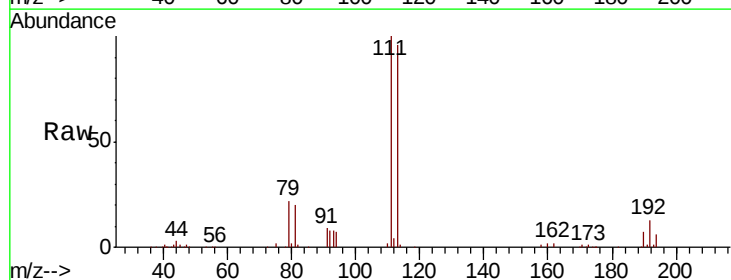
Tgt Ion:113 Resp: 164638

Ion Ratio Lower Upper

113 100

111 104.0 85.2 127.8

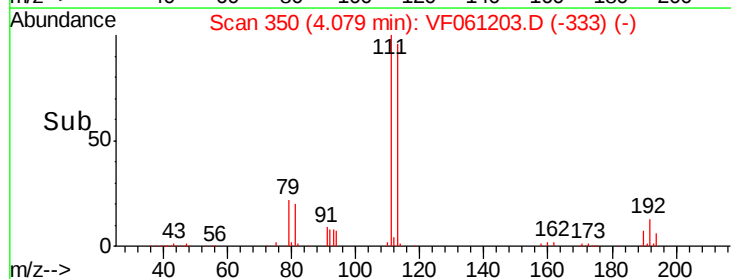
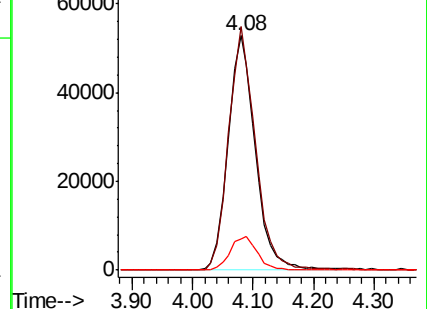
192 13.4 12.8 19.2

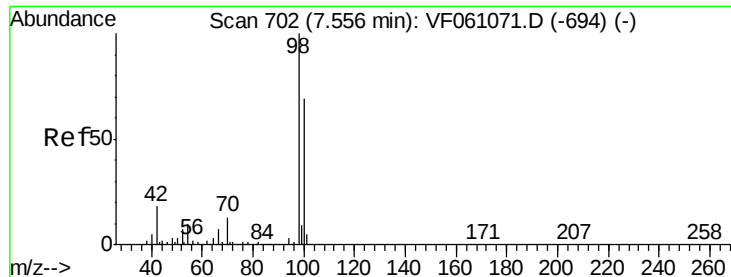


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

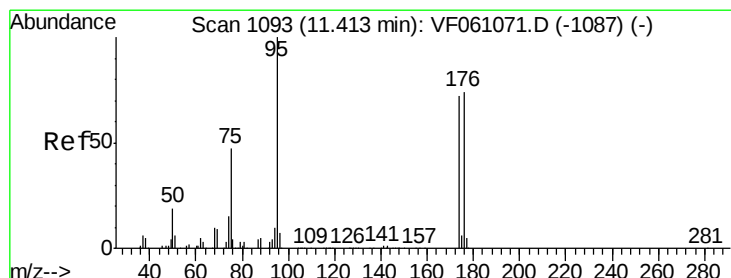
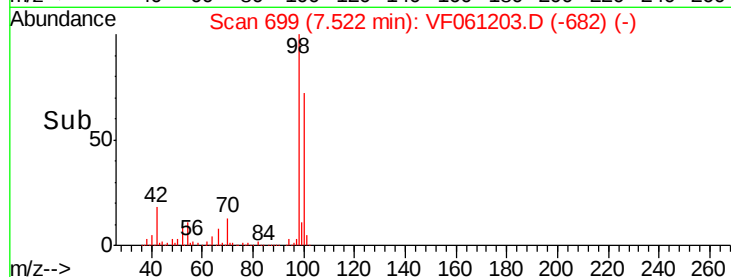
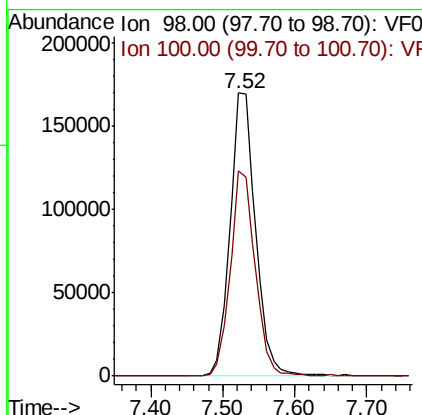
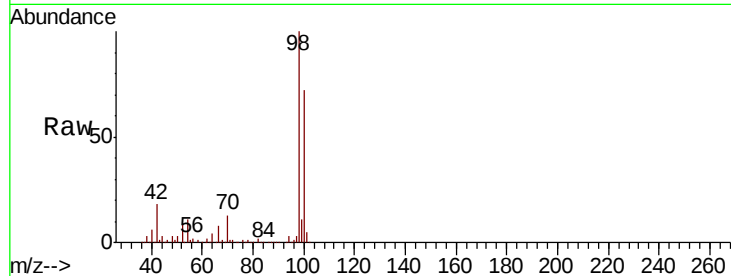




#50
Toluene-d8
Concen: 52.930 ug/l
RT: 7.52 min Scan# 699
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

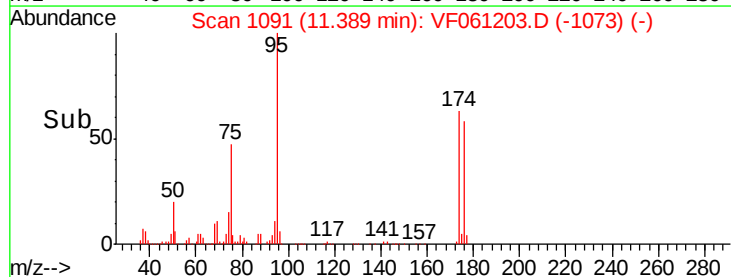
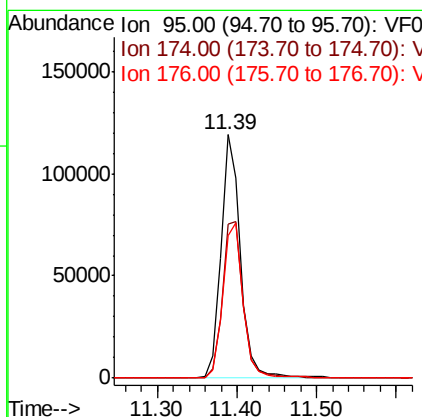
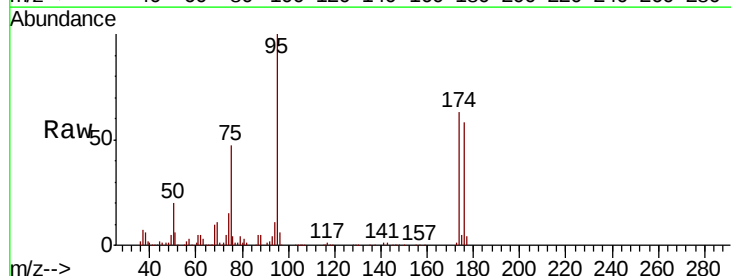
Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

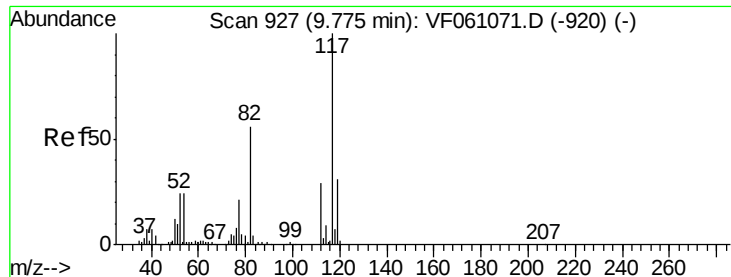
Tot Ion: 98 Resp: 418297
Ion Ratio Lower Upper
98 100
100 72.5 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 95 Resp: 205275
Ion Ratio Lower Upper
95 100
174 63.3 0.0 143.8
176 58.3 0.0 147.6

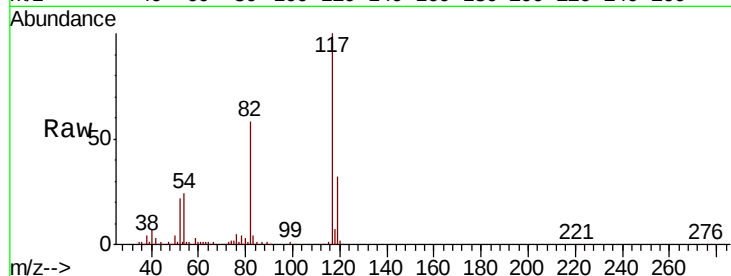




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.0	67.4
119	31.7	24.8	37.2

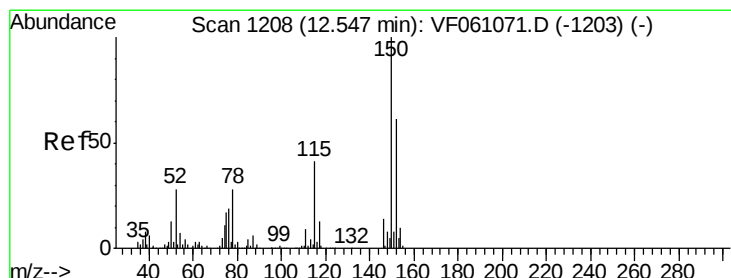
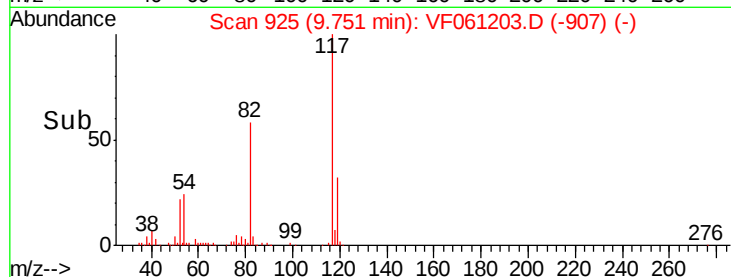
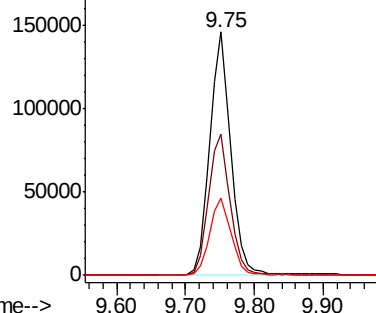


Abundance

Ion 117.00 (116.70 to 117.70): V

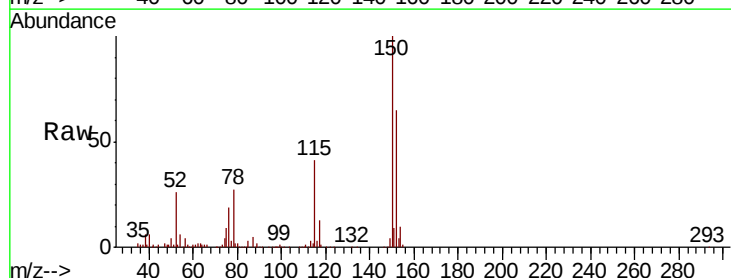
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	33.3	99.9
150	153.8	0.0	328.2



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

