

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061084.D
 Acq On : 19 Dec 2018 14:48
 Operator : VA/AP
 Sample : J6388-06
 Misc : 5.96g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-0006-01

Quant Time: Dec 20 02:53:03 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	4.87	168	77341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	126348	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	90203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	29693	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	31792	31.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.92%	
35) Dibromofluoromethane	4.11	113	39525	39.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.10%	
50) Toluene-d8	7.56	98	90796	31.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.32%	
62) 4-Bromofluorobenzene	11.41	95	31716	23.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.98%	

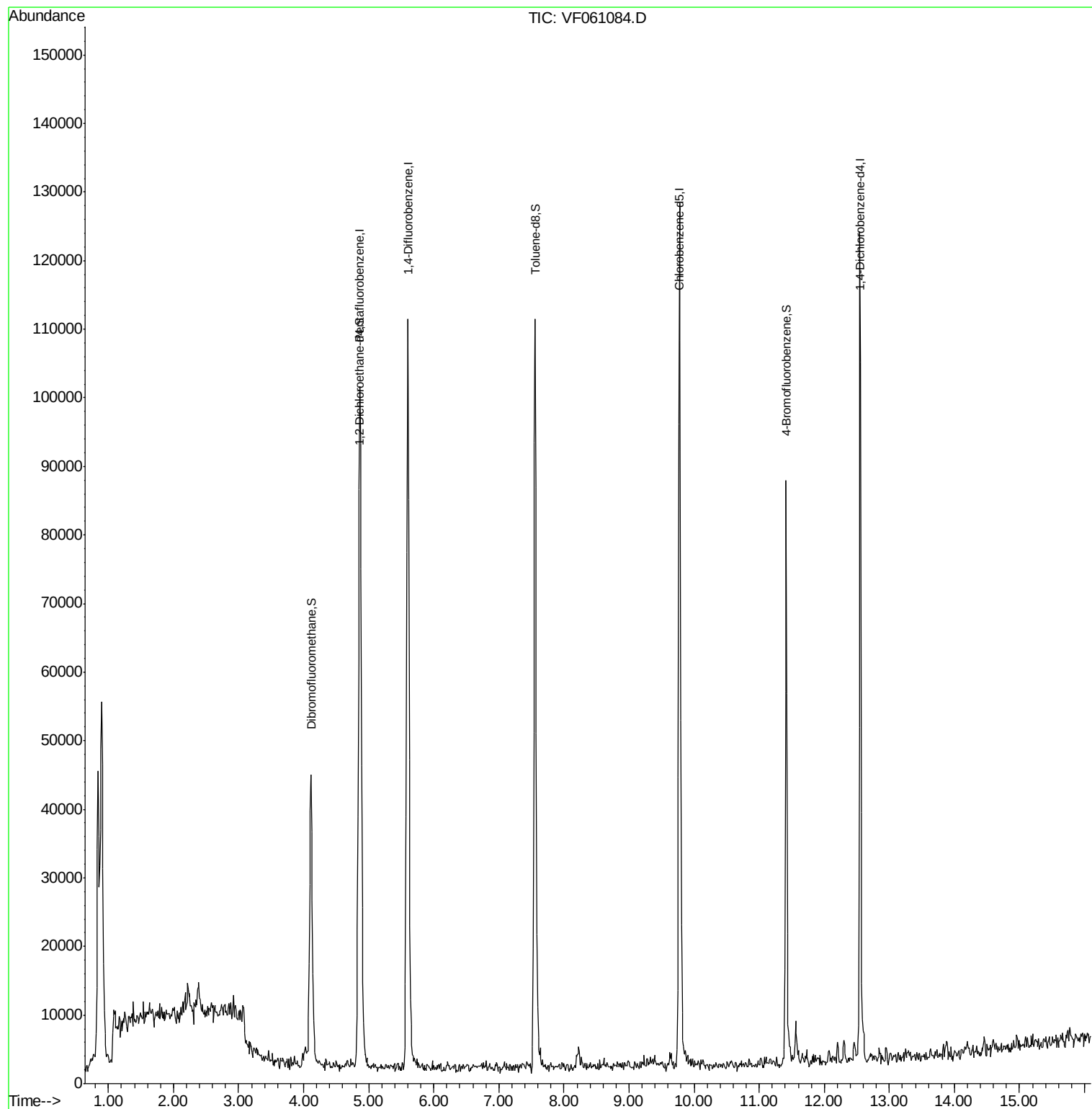
Target Compounds	Qvalue

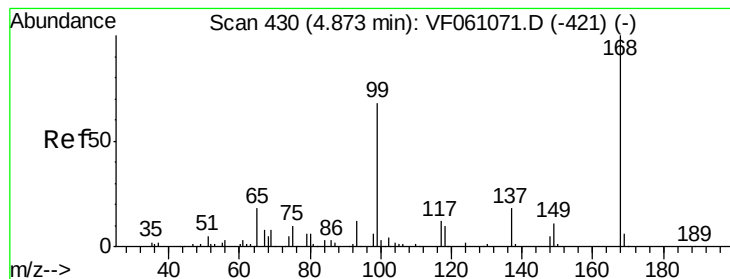
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061084.D

Acq: 19 Dec 2018 14:48

Instrument :

MSVOA_F

ClientSampleId :

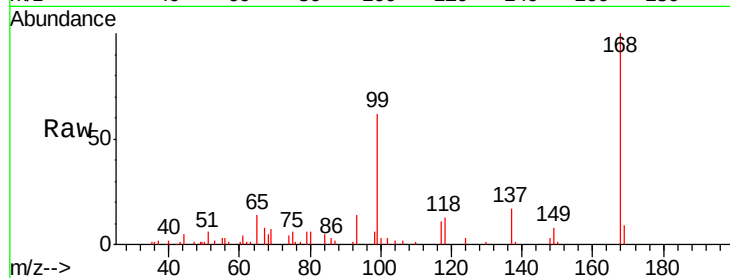
P001-SS009-0006-01

Tgt Ion:168 Resp: 77341

Ion Ratio Lower Upper

168 100

99 62.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

25000

20000

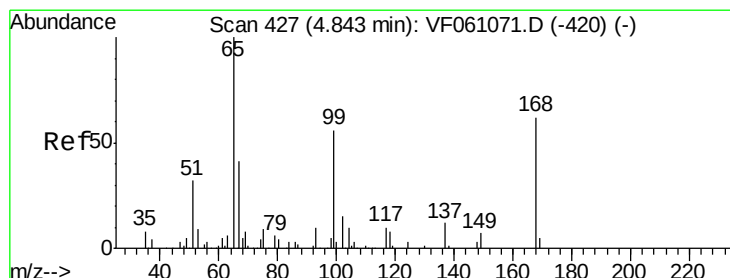
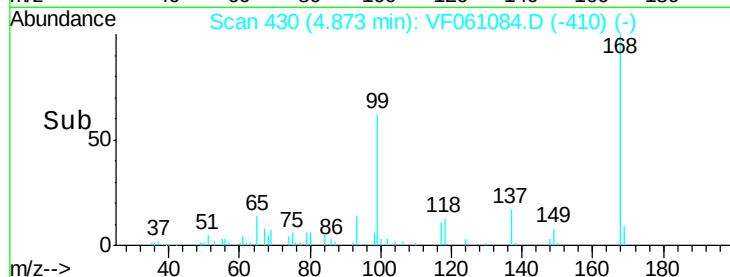
15000

10000

5000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 31.960 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061084.D

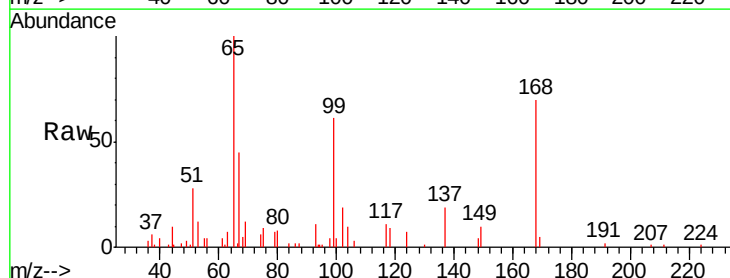
Acq: 19 Dec 2018 14:48

Tgt Ion: 65 Resp: 31792

Ion Ratio Lower Upper

65 100

67 45.1 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

12000

10000

8000

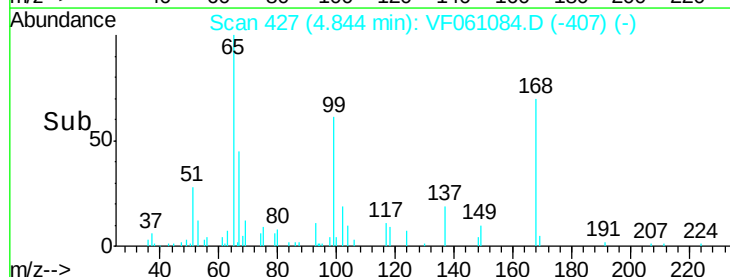
6000

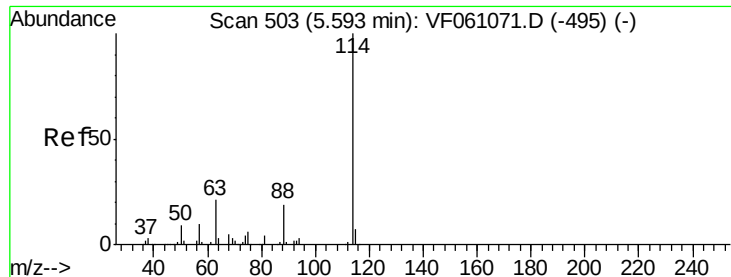
4000

2000

0

Time--> 4.80 4.90

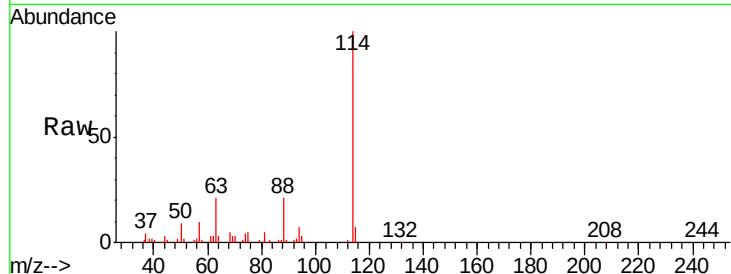




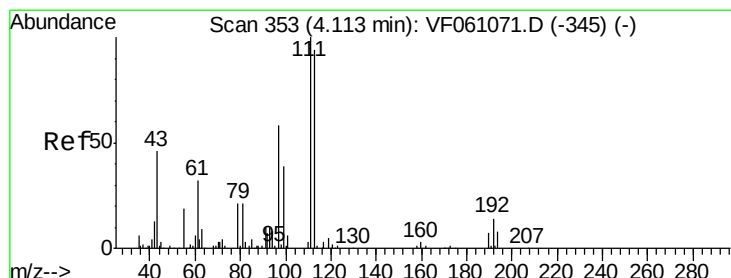
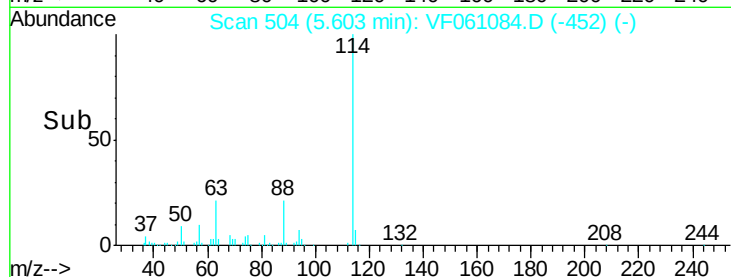
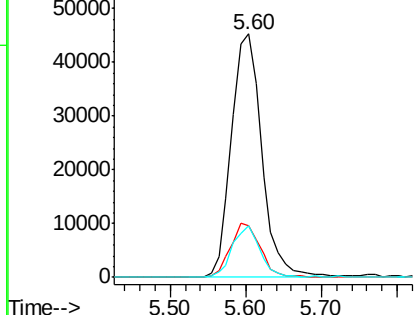
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061084.D
 Acq: 19 Dec 2018 14:48

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-0006-01

Tgt Ion:114 Resp: 126348
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 21.3 0.0 38.0

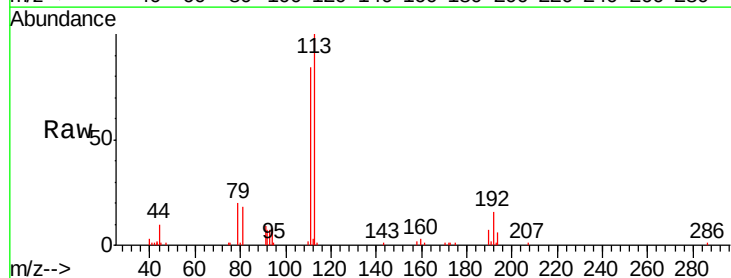


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

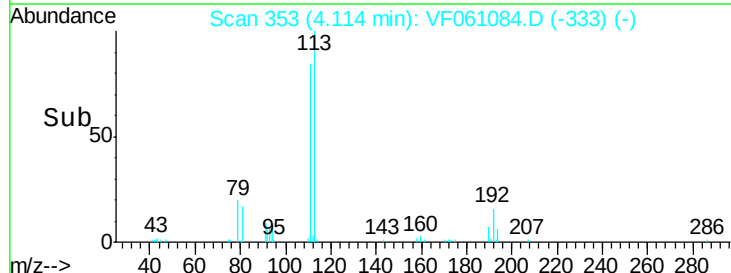
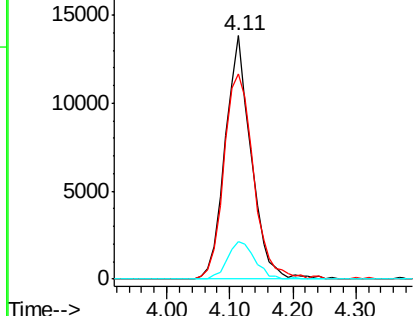


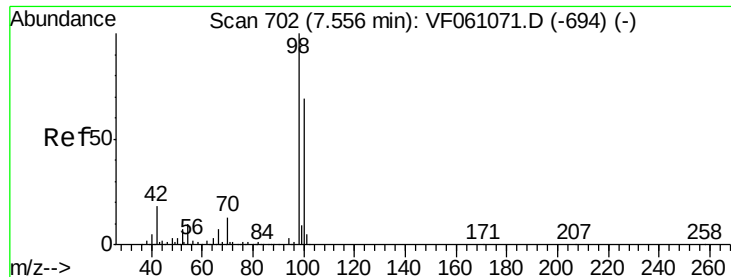
#35
 Dibromofluoromethane
 Concen: 39.052 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF061084.D
 Acq: 19 Dec 2018 14:48

Tgt Ion:113 Resp: 39525
 Ion Ratio Lower Upper
 113 100
 111 84.3 85.2 127.8#
 192 15.5 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

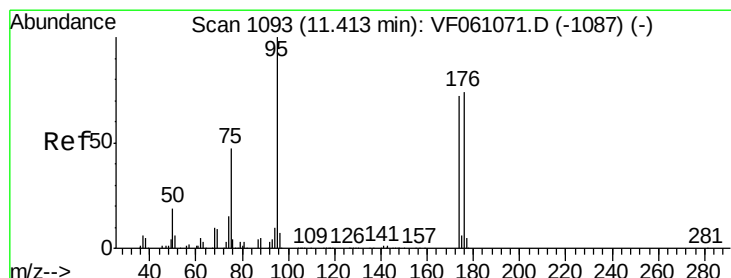
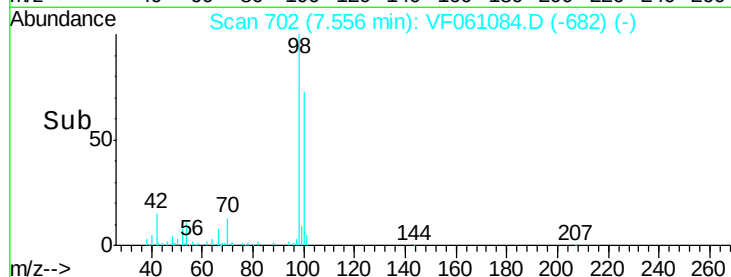
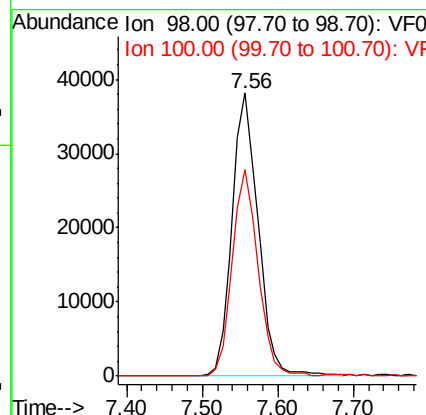
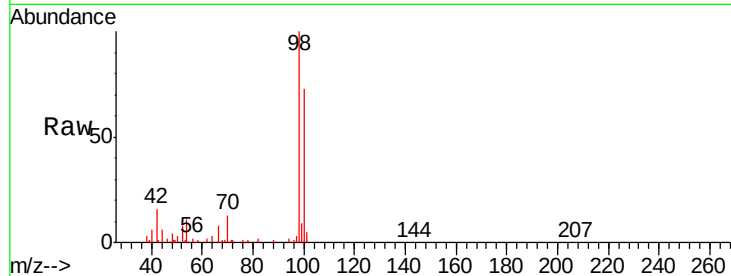




#50
Toluene-d8
Concen: 31.656 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061084.D
Acq: 19 Dec 2018 14:48

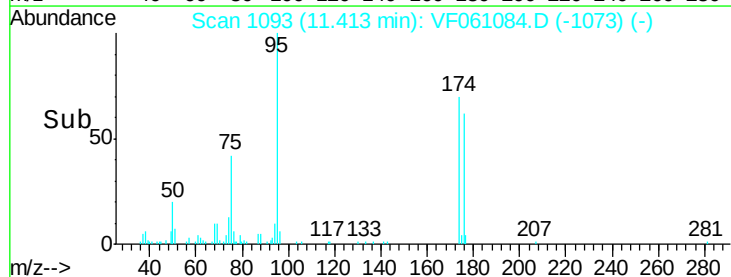
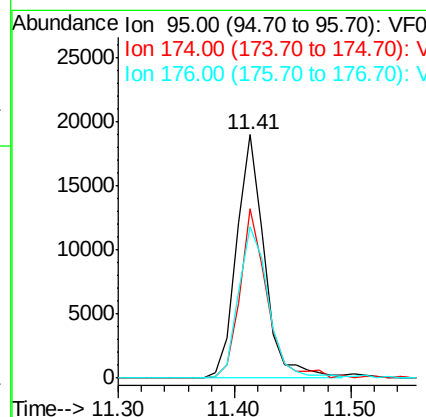
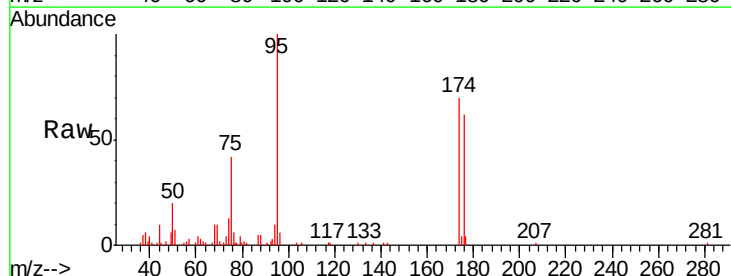
Instrument :
MSVOA_F
ClientSampleId :
P001-SS009-0006-01

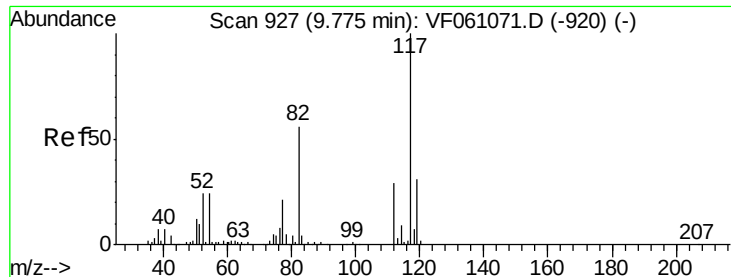
Tgt Ion: 98 Resp: 90796
Ion Ratio Lower Upper
98 100
100 72.9 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 23.986 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061084.D
Acq: 19 Dec 2018 14:48

Tgt Ion: 95 Resp: 31716
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 62.2 0.0 147.6

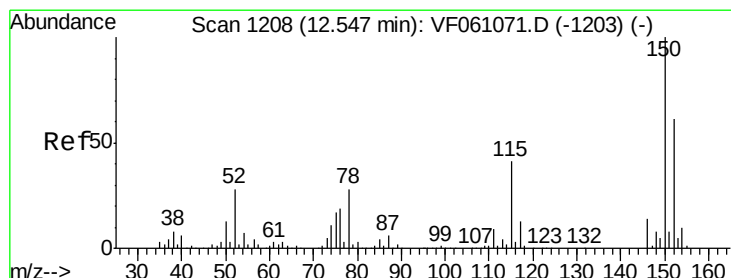
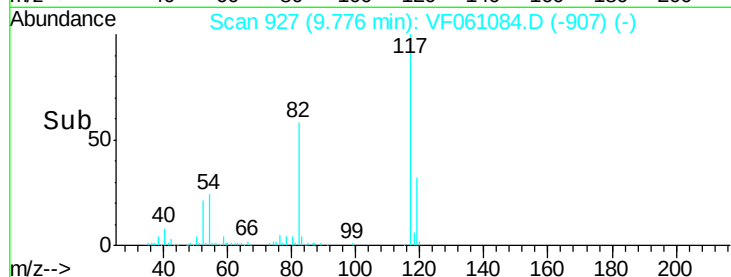
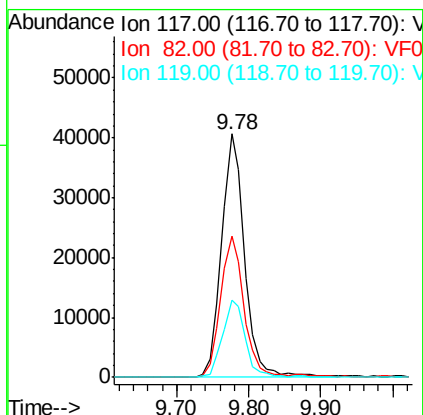
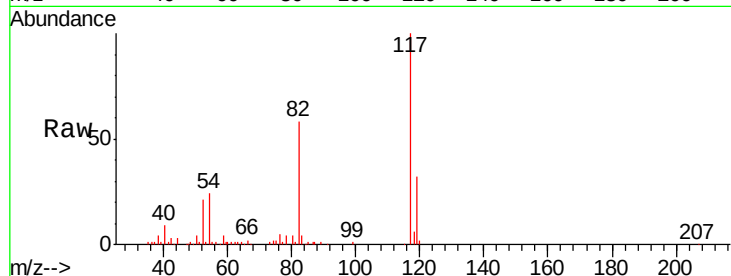




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061084.D
Acq: 19 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
P001-SS009-0006-01

Tgt Ion:117 Resp: 90203
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061084.D
Acq: 19 Dec 2018 14:48

Tgt Ion:152 Resp: 29693
Ion Ratio Lower Upper
152 100
115 52.9 33.3 99.9
150 159.3 0.0 328.2

