

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061086.D
 Acq On : 19 Dec 2018 15:45
 Operator : VA/AP
 Sample : J6388-07
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-0612-01

Quant Time: Dec 20 10:48:08 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	4.86	168	208246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	372072	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	297220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	117813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	99412	37.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.24%	
35) Dibromofluoromethane	4.12	113	121298	40.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.40%	
50) Toluene-d8	7.56	98	303031	35.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.76%	
62) 4-Bromofluorobenzene	11.41	95	118674	30.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.96%	

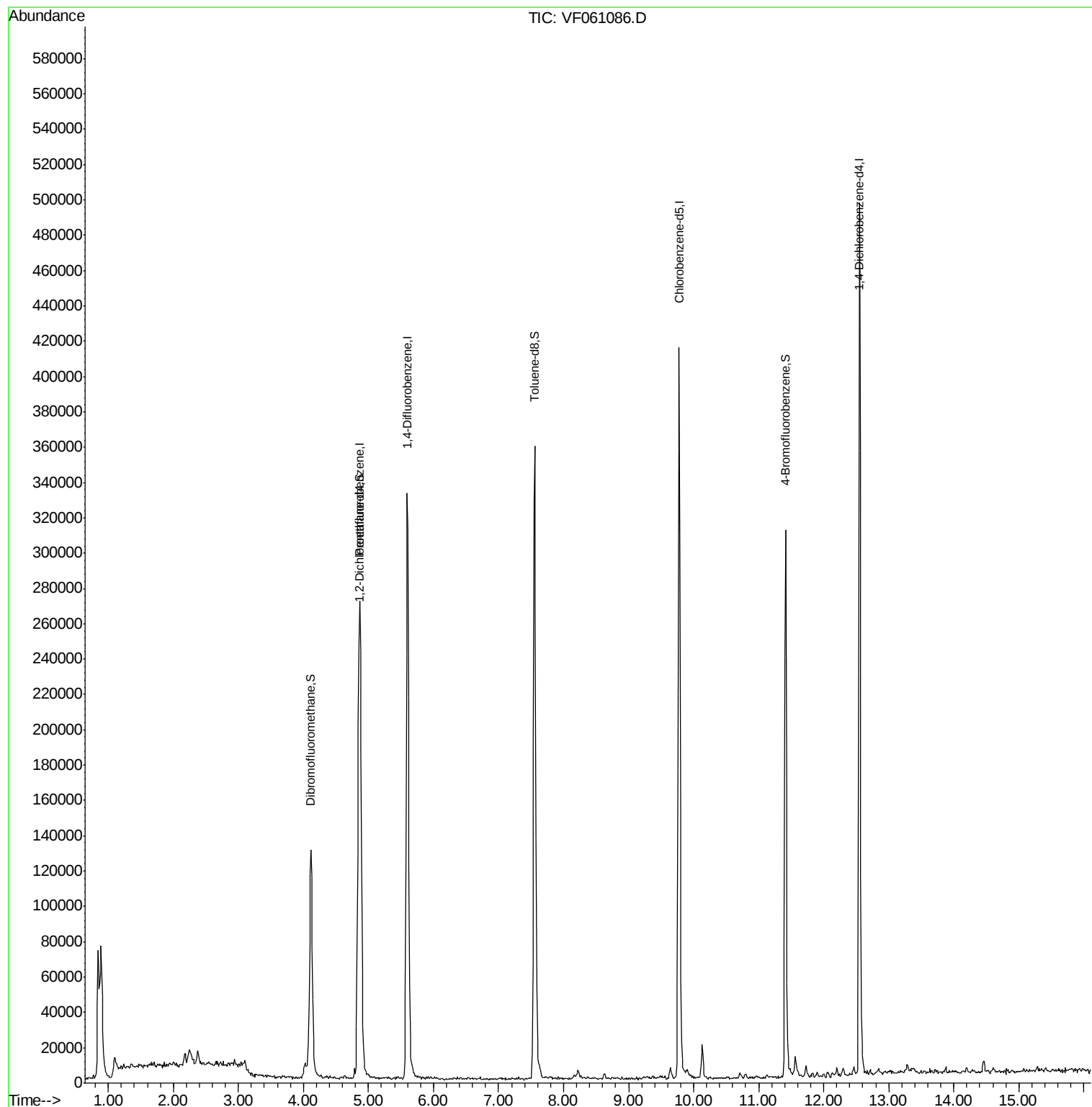
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061086.D

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ClientSampleId :

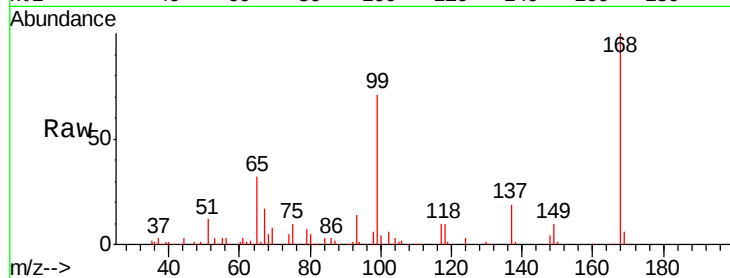
P001-SS009-0612-01

Tgt Ion: 168 Resp: 208246

Ion Ratio Lower Upper

168 100

99 71.3 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

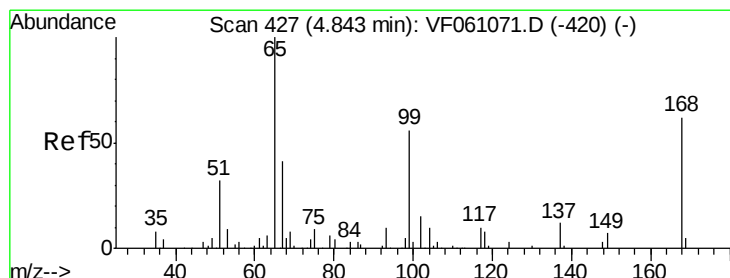
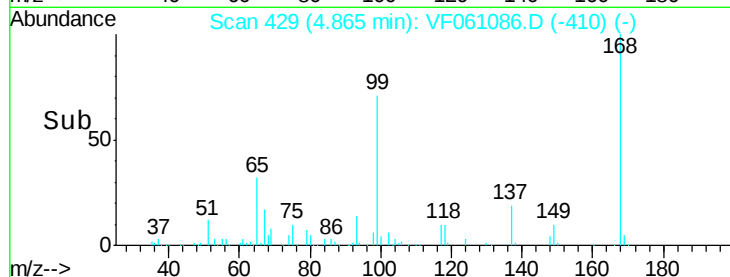
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 37.116 ug/l

RT: 4.85 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061086.D

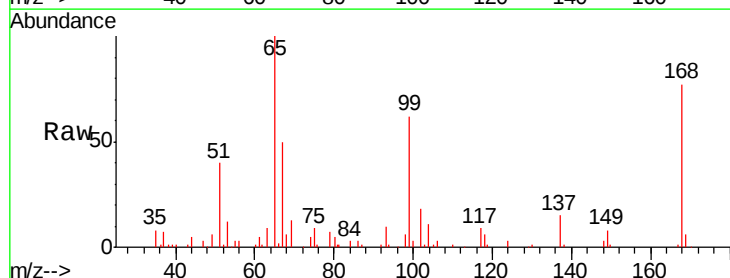
Acq: 19 Dec 2018 15:45

Tgt Ion: 65 Resp: 99412

Ion Ratio Lower Upper

65 100

67 50.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

40000

30000

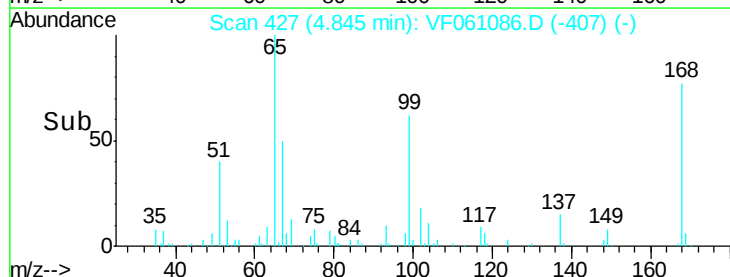
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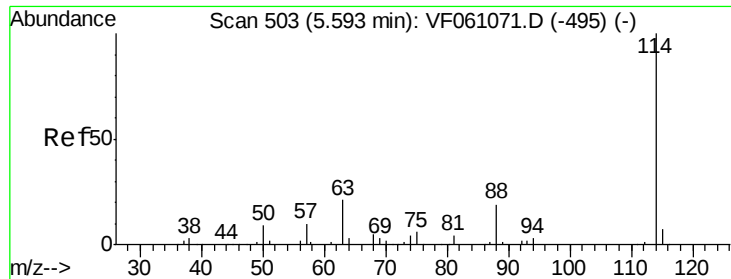
10000

0

Time-->

4.70 4.80 4.90 5.00

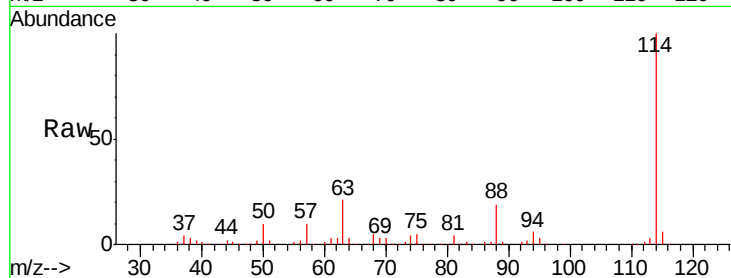




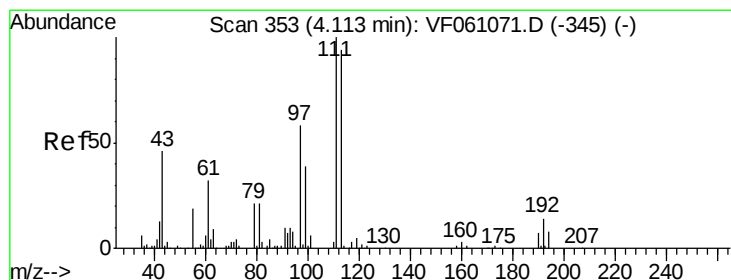
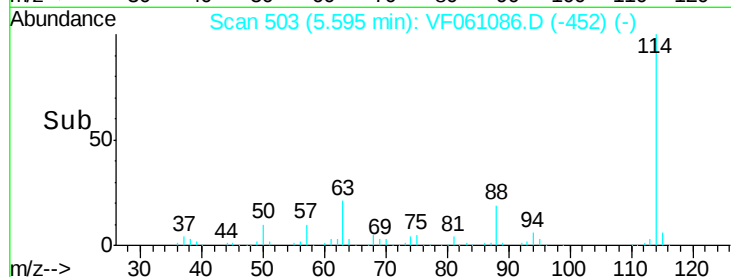
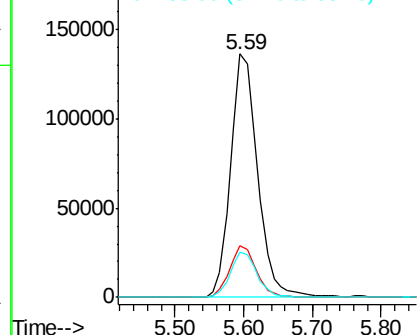
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VF061086.D
 Acq: 19 Dec 2018 15:45

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-0612-01

Tgt Ion:114 Resp: 372072
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 18.6 0.0 38.0

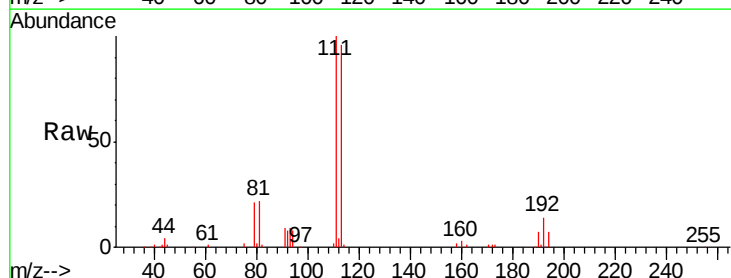


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

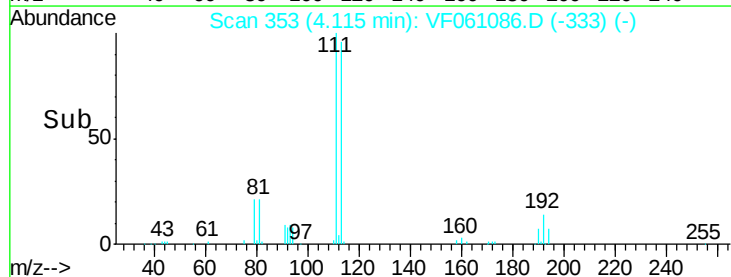
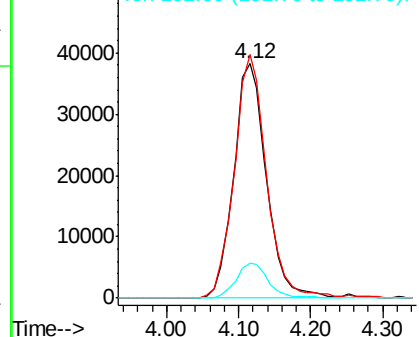


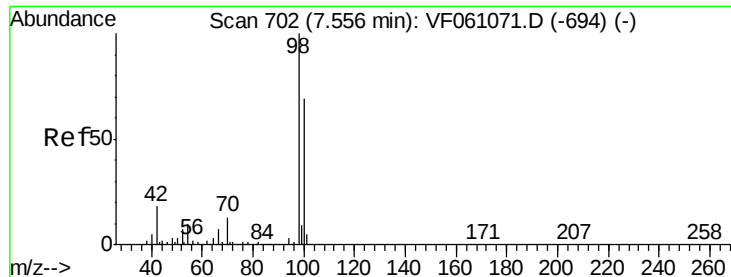
#35
 Dibromofluoromethane
 Concen: 40.697 ug/l
 RT: 4.12 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF061086.D
 Acq: 19 Dec 2018 15:45

Tgt Ion:113 Resp: 121298
 Ion Ratio Lower Upper
 113 100
 111 103.9 85.2 127.8
 192 15.4 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

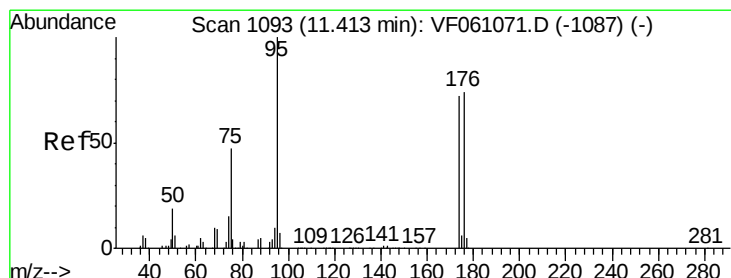
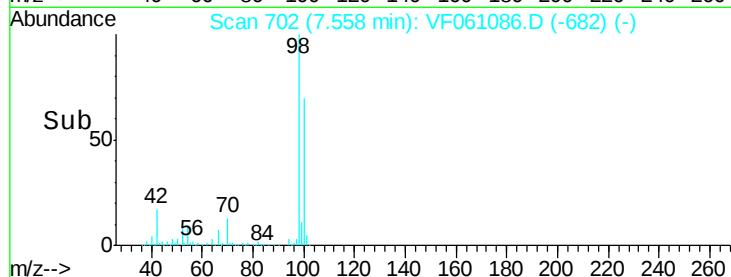
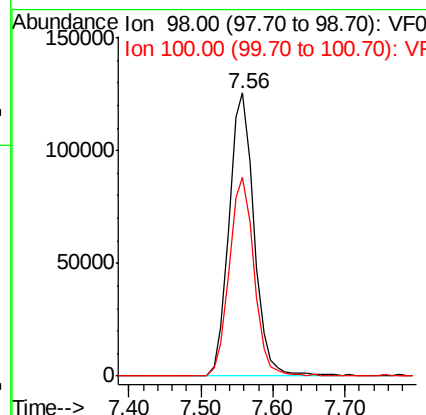
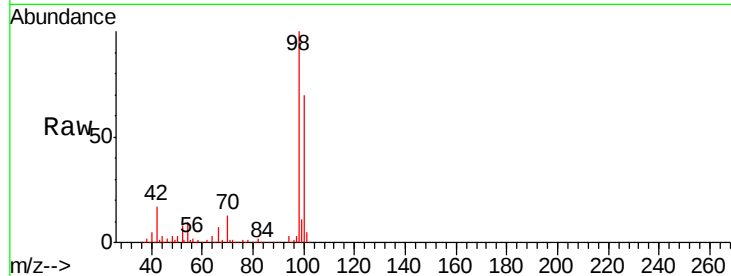




#50
Toluene-d8
Concen: 35.877 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061086.D
Acq: 19 Dec 2018 15:45

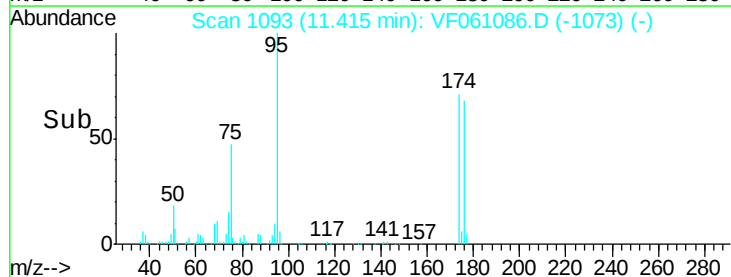
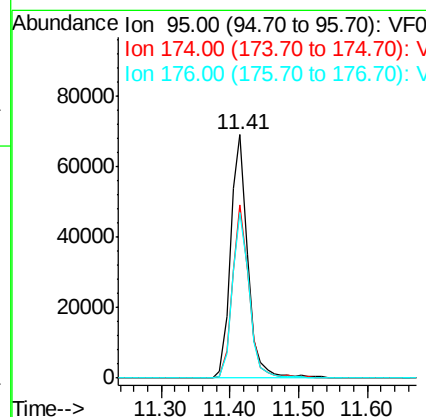
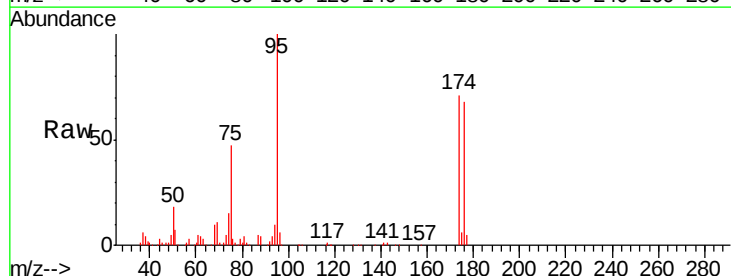
Instrument :
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ClientSampleId :
P001-SS009-0612-01

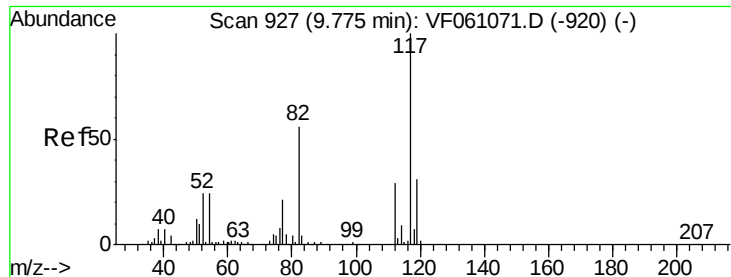
Tgt Ion: 98 Resp: 303031
Ion Ratio Lower Upper
98 100
100 70.5 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 30.477 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061086.D
Acq: 19 Dec 2018 15:45

Tgt Ion: 95 Resp: 118674
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 67.8 0.0 147.6

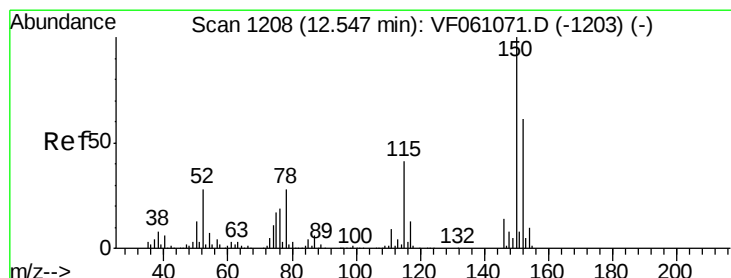
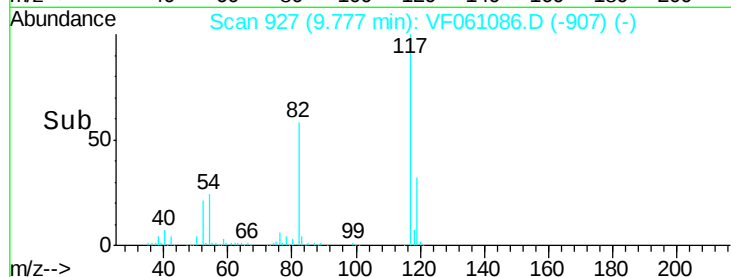
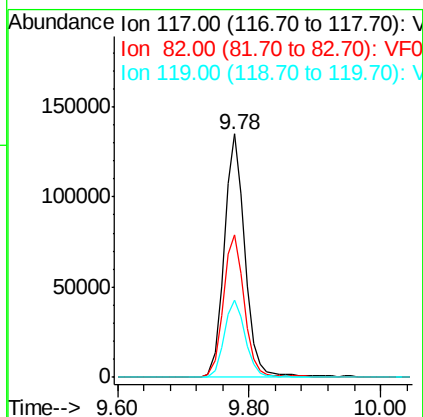
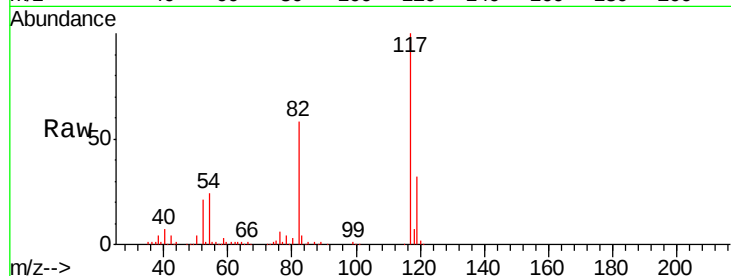




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061086.D
Acq: 19 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
P001-SS009-0612-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.0	67.4
119	31.6	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061086.D
Acq: 19 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	33.3	99.9
150	159.1	0.0	328.2

