

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061082.D
 Acq On : 19 Dec 2018 13:50
 Operator : VA/AP
 Sample : J6388-04
 Misc : 5.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS008-1218-01

Quant Time: Dec 20 02:48:49 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	217147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	398807	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	294536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	90773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113935	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
35) Dibromofluoromethane	4.11	113	126249	39.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.04%	
50) Toluene-d8	7.56	98	269766	29.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.60%	
62) 4-Bromofluorobenzene	11.41	95	100558	24.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.18%	

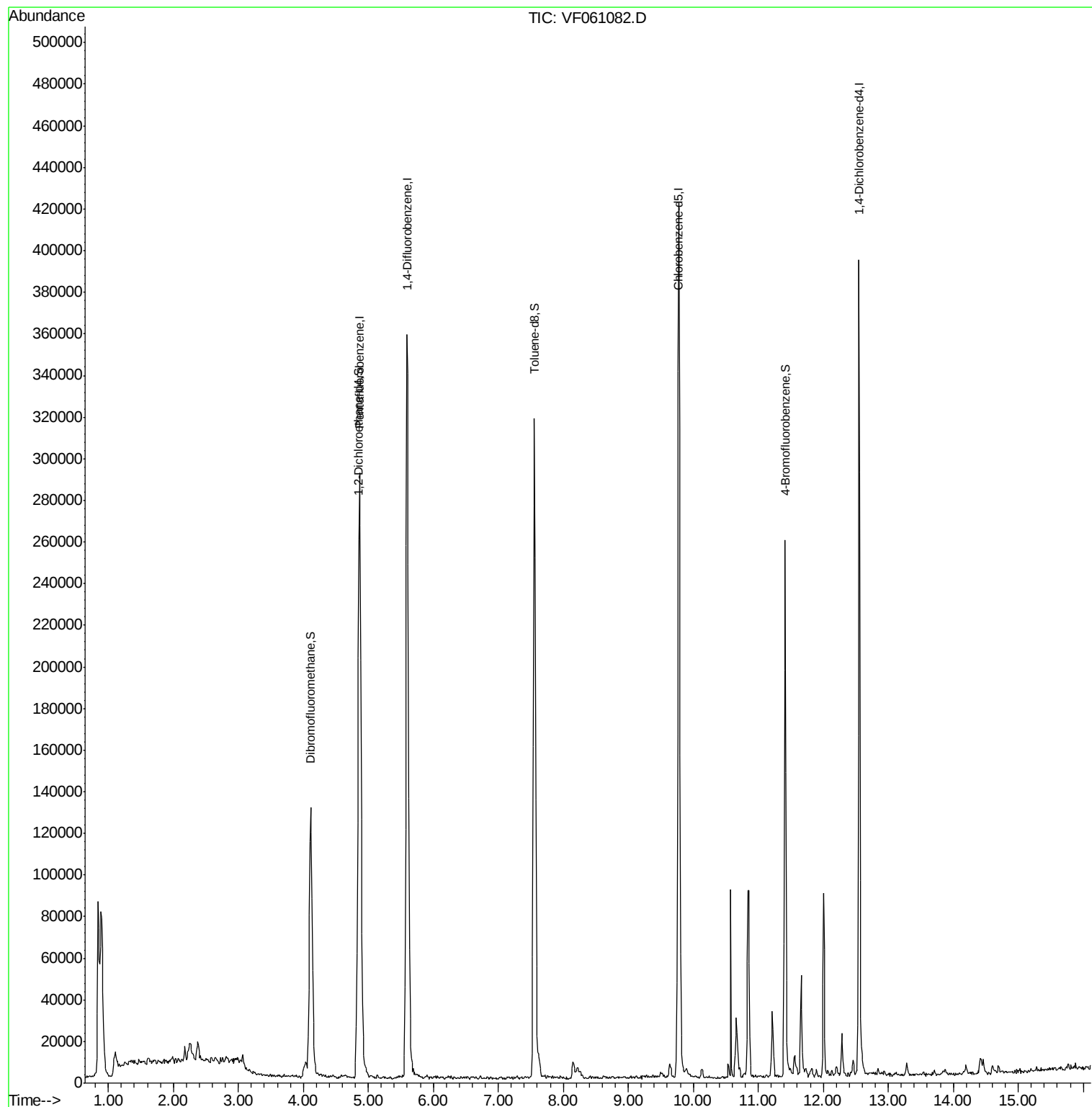
Target Compounds	Qvalue

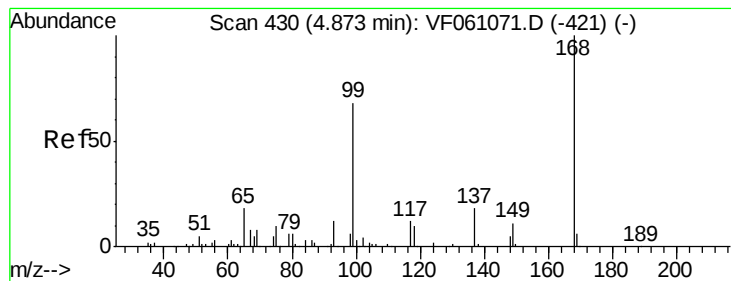
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061082.D

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Instrument :

MSVOA_F

ClientSampleId :

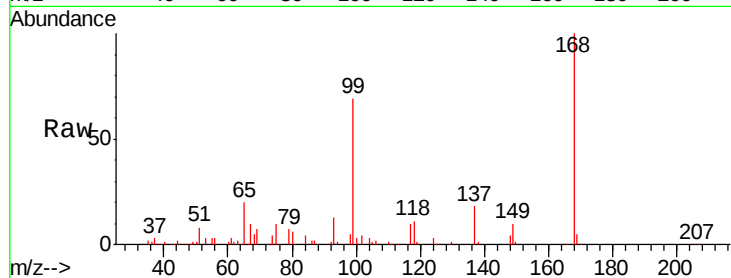
P001-SS008-1218-01

Tgt Ion:168 Resp: 217147

Ion Ratio Lower Upper

168 100

99 68.6 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

80000

60000

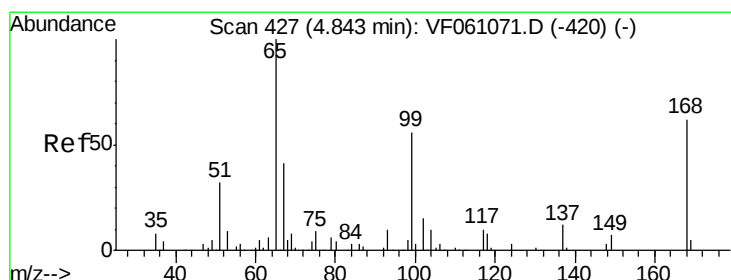
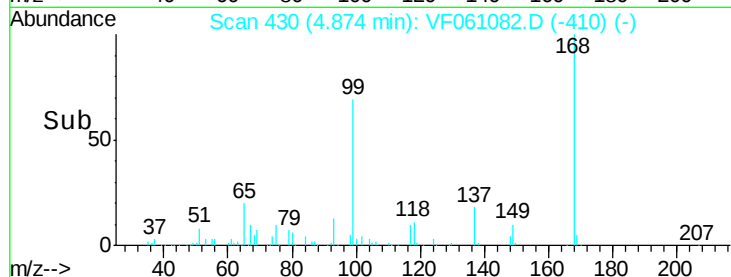
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 40.795 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061082.D

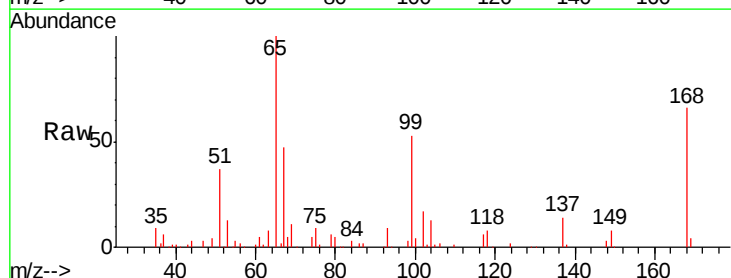
Acq: 19 Dec 2018 13:50

Tgt Ion: 65 Resp: 113935

Ion Ratio Lower Upper

65 100

67 46.9 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

40000

30000

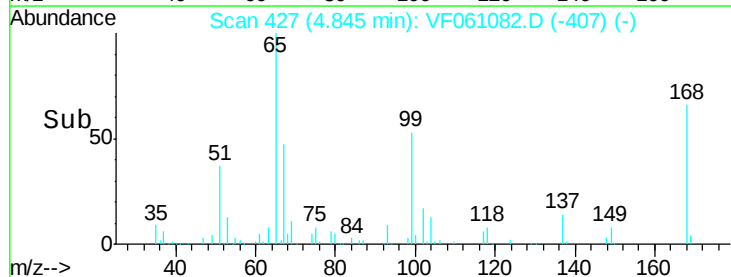
20000

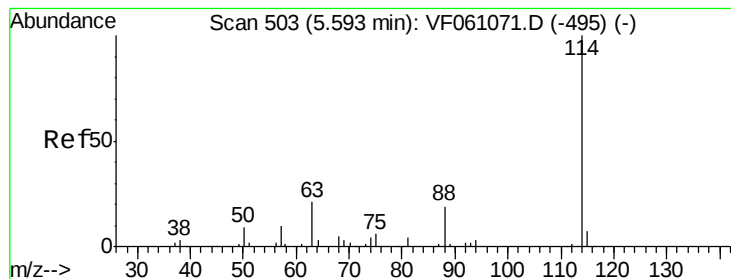
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061082.D

Acq: 19 Dec 2018 13:50

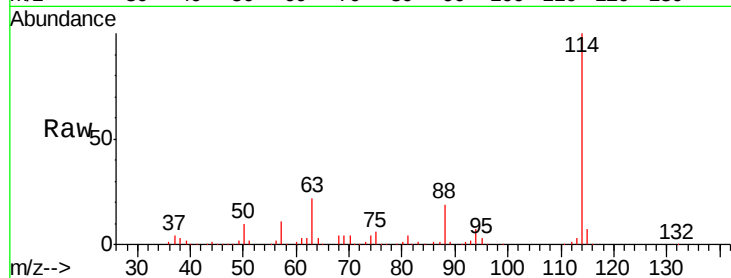
Instrument :

MSVOA_F

ClientSampleId :

P001-SS008-1218-01

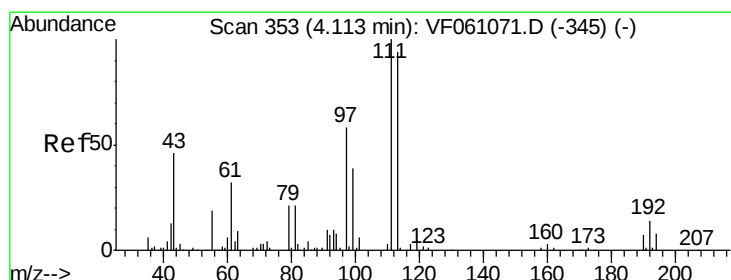
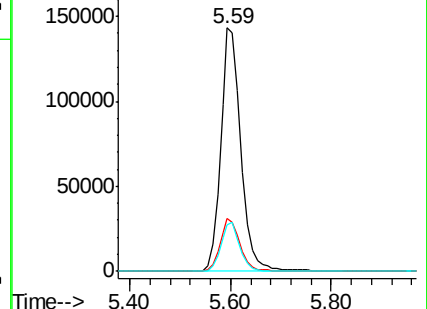
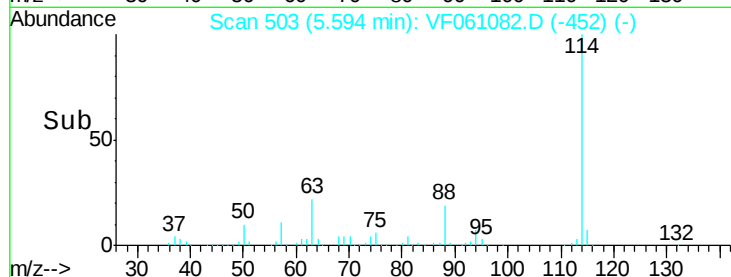
Tgt Ion:	114	Resp:	398807
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	19.2	0.0	38.0



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: 39.519 ug/l

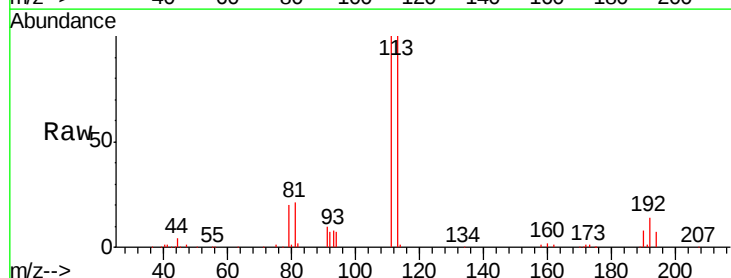
RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061082.D

Acq: 19 Dec 2018 13:50

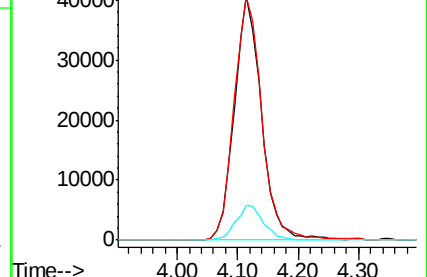
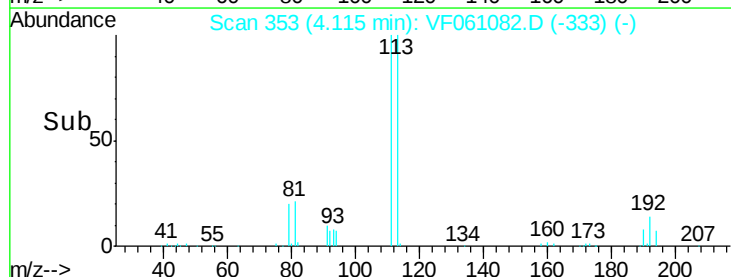
Tgt Ion:	113	Resp:	126249
Ion	Ratio	Lower	Upper
113	100		
111	99.8	85.2	127.8
192	14.1	12.8	19.2

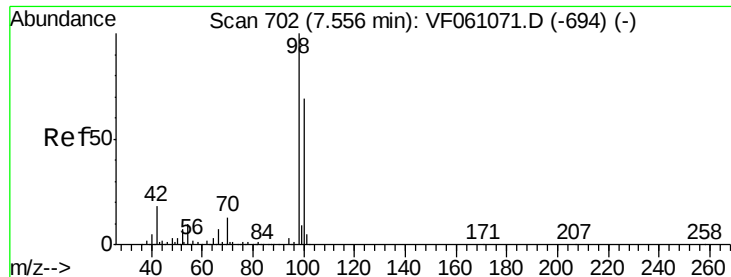


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

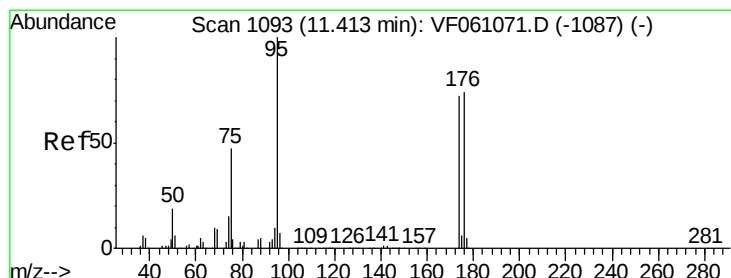
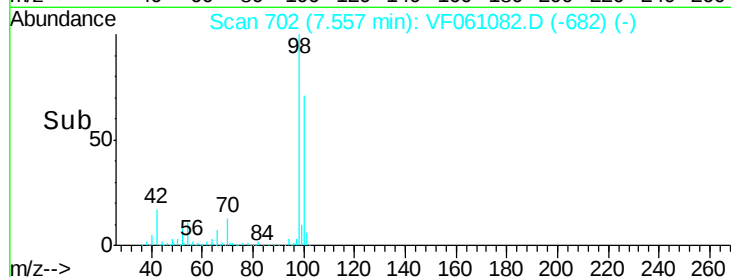
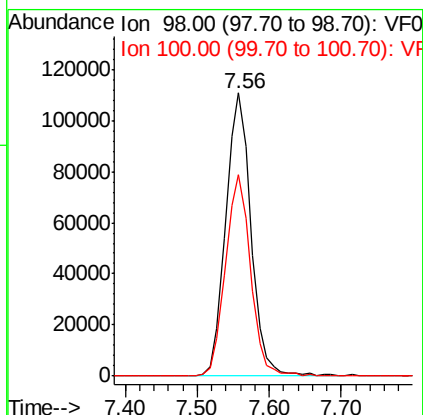
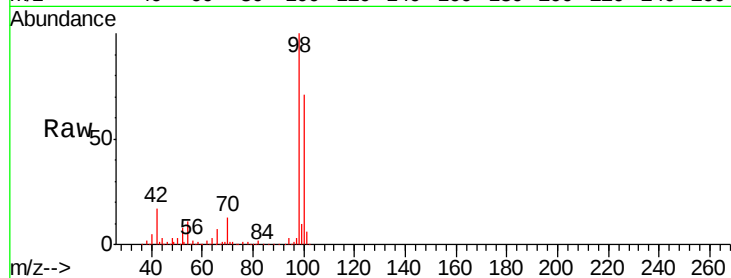




#50
Toluene-d8
Concen: 29.797 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061082.D
Acq: 19 Dec 2018 13:50

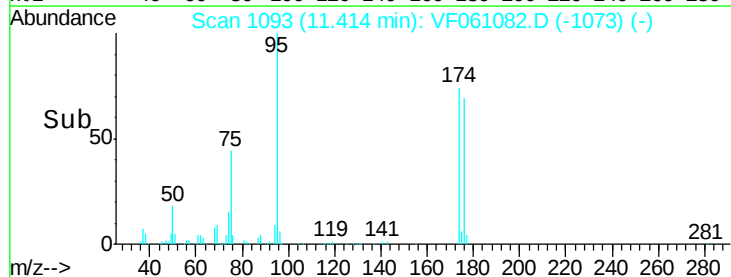
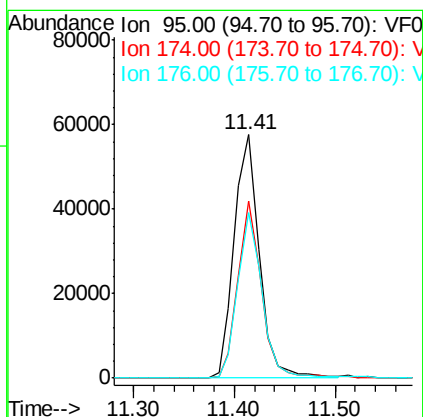
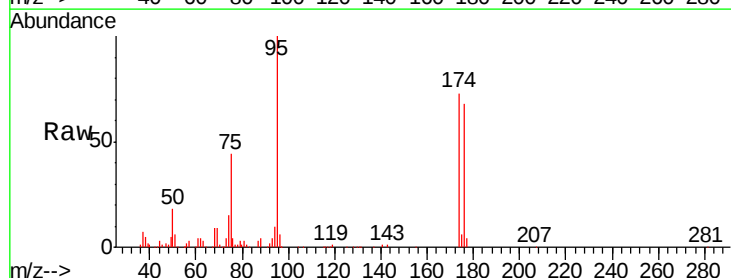
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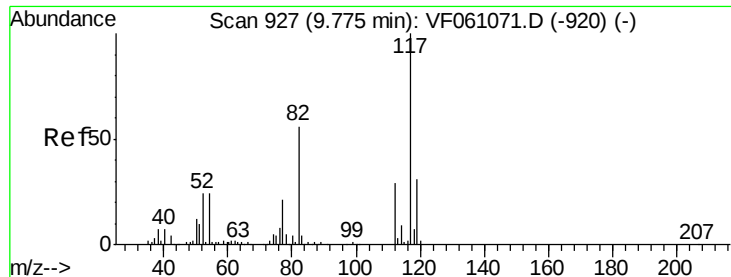
Tgt Ion: 98 Resp: 269766
Ion Ratio Lower Upper
98 100
100 71.0 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 24.093 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061082.D
Acq: 19 Dec 2018 13:50

Tgt Ion: 95 Resp: 100558
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 67.9 0.0 147.6

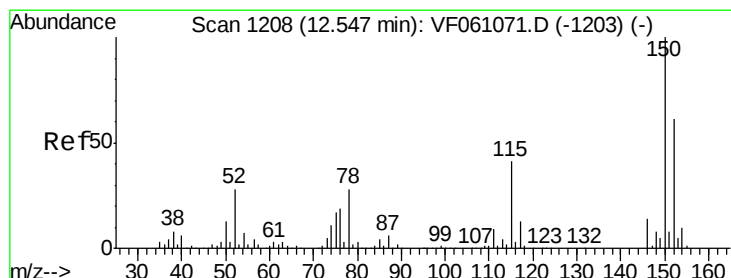
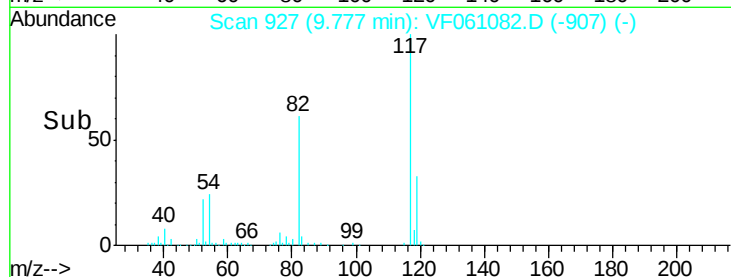
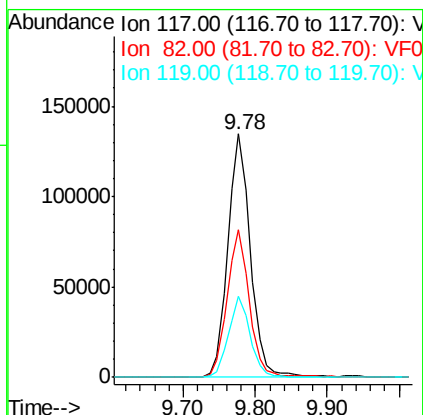
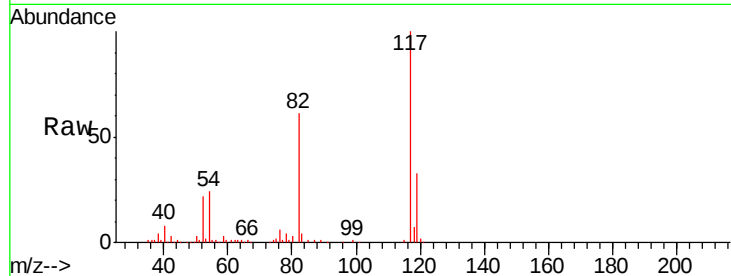




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061082.D
Acq: 19 Dec 2018 13:50

Instrument :
MSVOA_F
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:117 Resp: 294536
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 33.4 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: VF061082.D
Acq: 19 Dec 2018 13:50

Tgt Ion:152 Resp: 90773
Ion Ratio Lower Upper
152 100
115 63.2 33.3 99.9
150 155.8 0.0 328.2

