

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061078.D
 Acq On : 19 Dec 2018 11:49
 Operator : VA/AP
 Sample : VF1219SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1219SBL01

Quant Time: Dec 20 02:36:40 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	243418	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	447634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	368992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	202288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	149981	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	4.10	113	178026	49.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	7.55	98	480101	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.41	95	221792	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

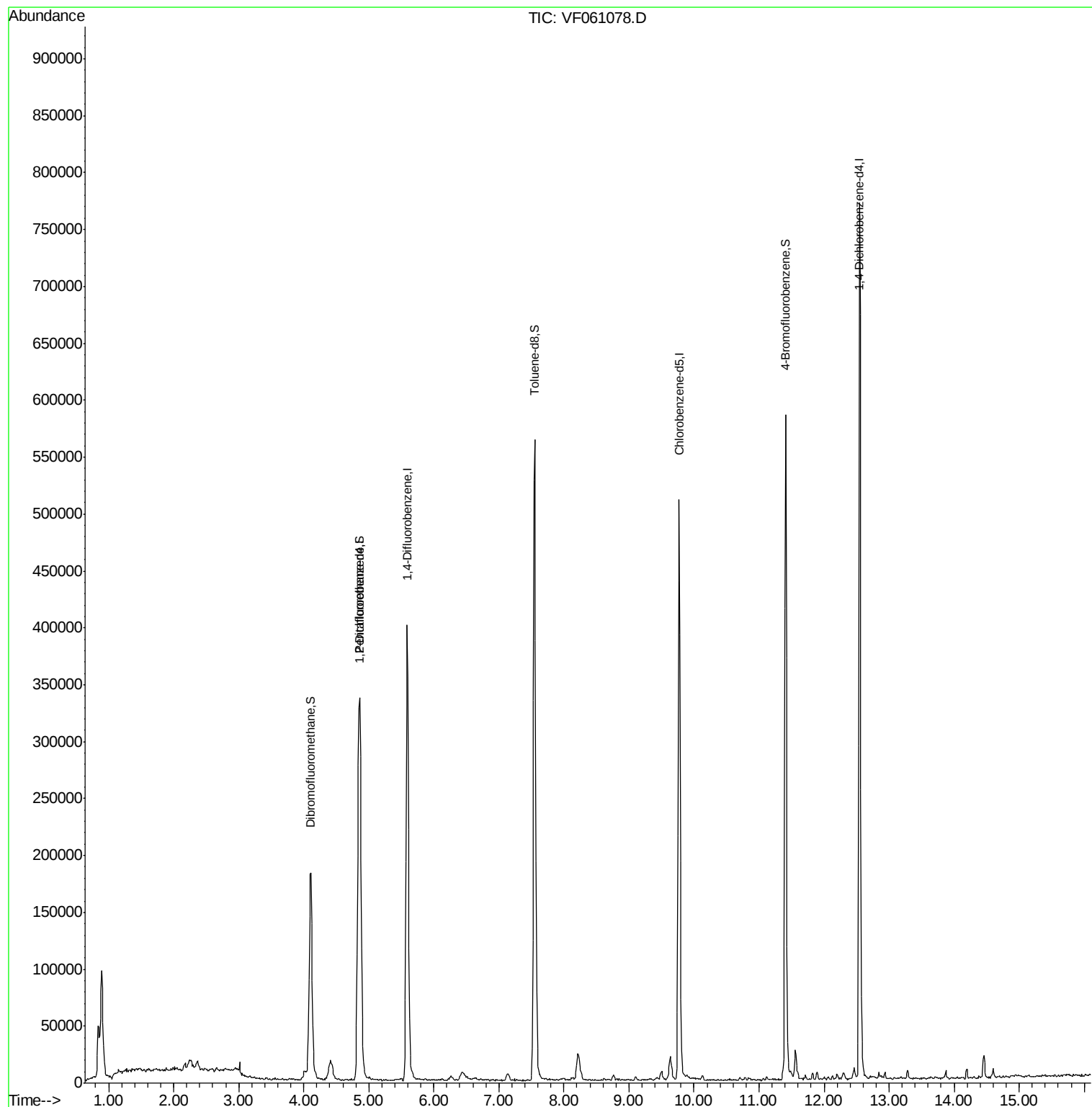
Target Compounds	Qvalue

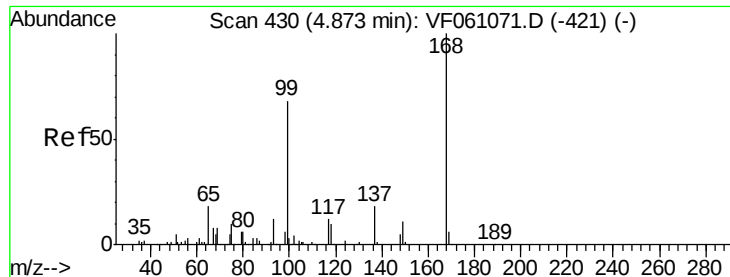
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061078.D

Acq: 19 Dec 2018 11:49

Instrument :

MSVOA_F

ClientSampleId :

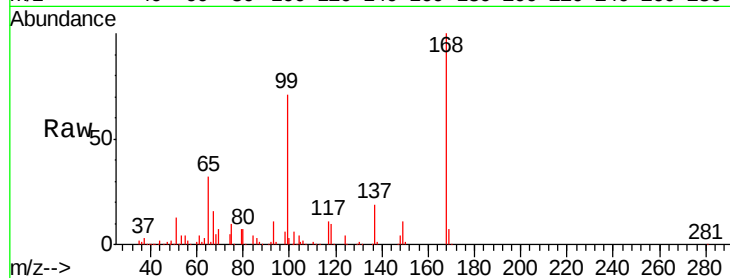
VF1219SBL01

Tgt Ion:168 Resp: 243418

Ion Ratio Lower Upper

168 100

99 70.6 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

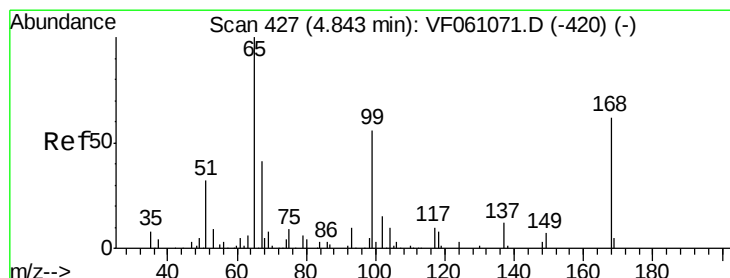
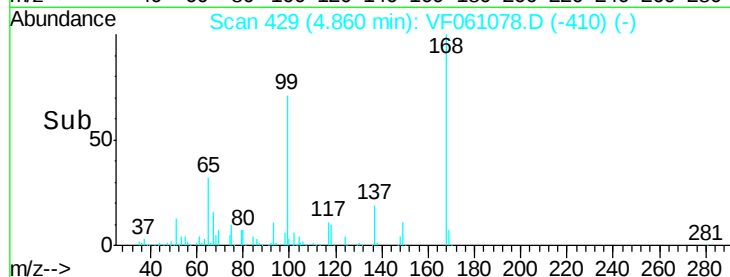
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.905 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF061078.D

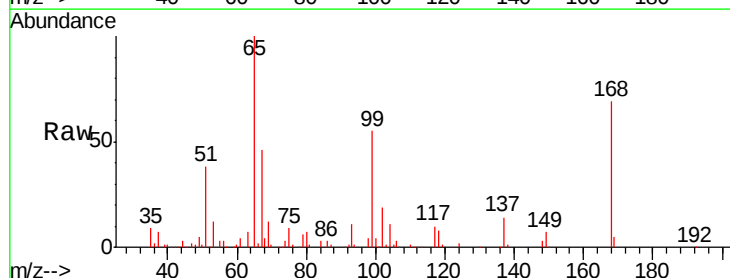
Acq: 19 Dec 2018 11:49

Tgt Ion: 65 Resp: 149981

Ion Ratio Lower Upper

65 100

67 46.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

60000

50000

40000

30000

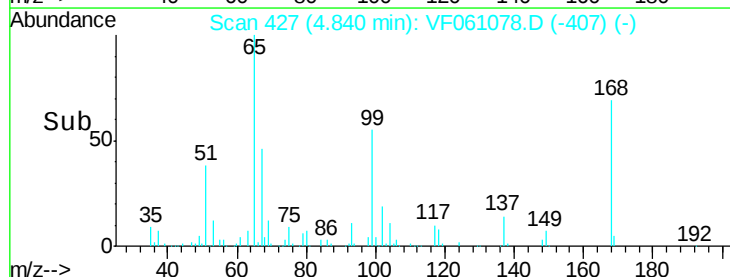
20000

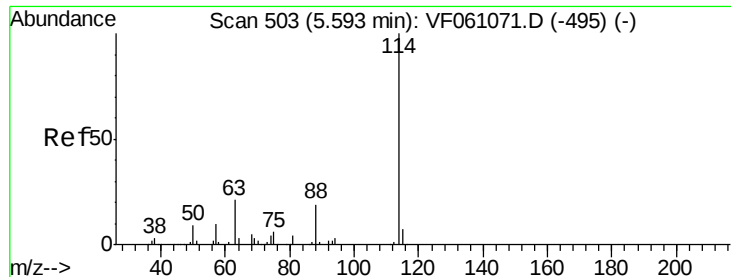
10000

0

4.70 4.80 4.90 5.00

Time-->

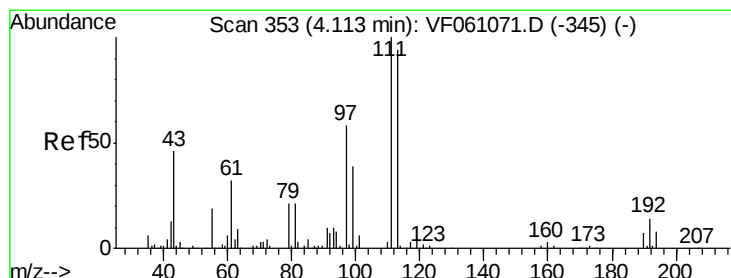
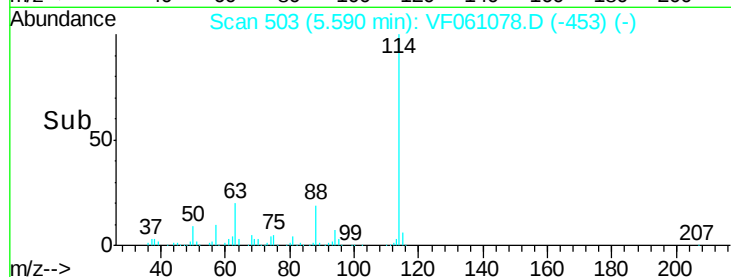
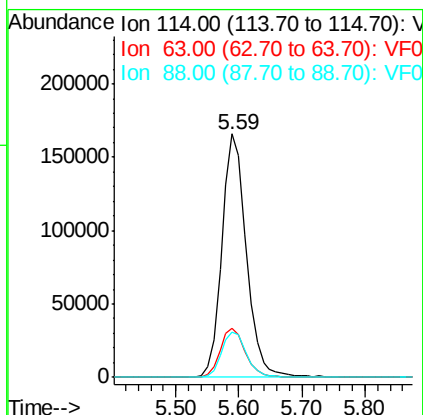
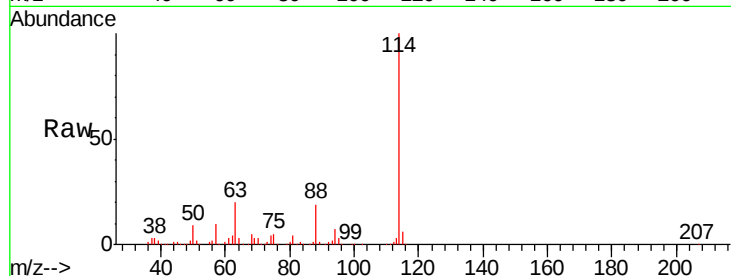




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF061078.D
 Acq: 19 Dec 2018 11:49

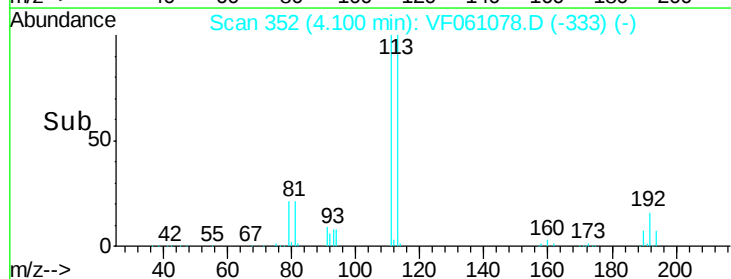
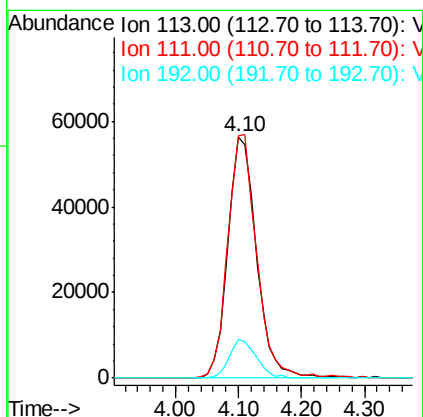
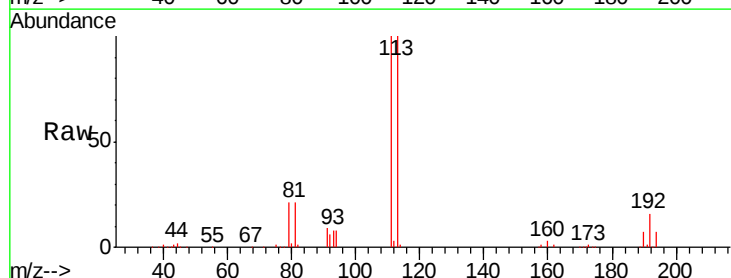
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1219SBL01

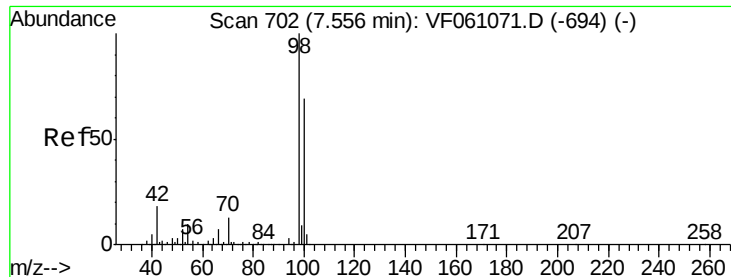
Tgt Ion:114 Resp: 447634
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 18.7 0.0 38.0



#35
 Dibromofluoromethane
 Concen: 49.647 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061078.D
 Acq: 19 Dec 2018 11:49

Tgt Ion:113 Resp: 178026
 Ion Ratio Lower Upper
 113 100
 111 100.0 85.2 127.8
 192 16.3 12.8 19.2





#50

Toluene-d8

Concen: 47.246 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF061078.D

Acq: 19 Dec 2018 11:49

Instrument :

MSVOA_F

ClientSampleId :

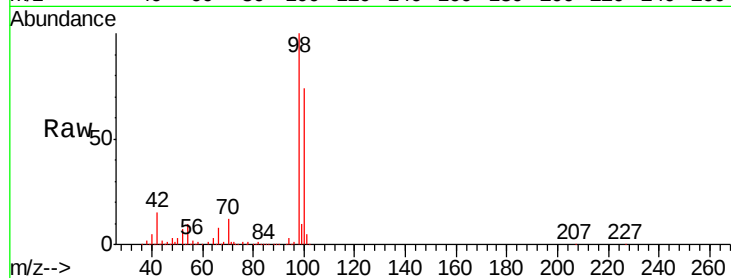
VF1219SBL01

Tgt Ion: 98 Resp: 480101

Ion Ratio Lower Upper

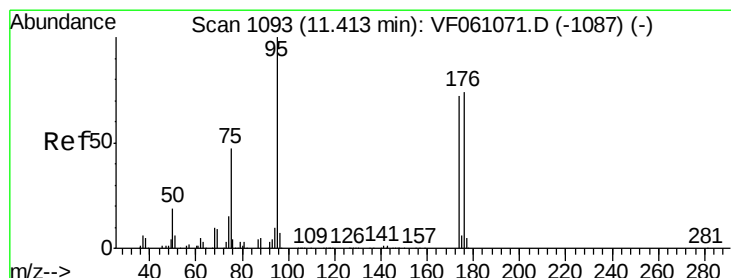
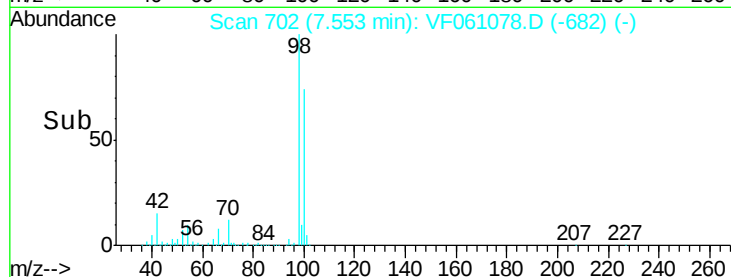
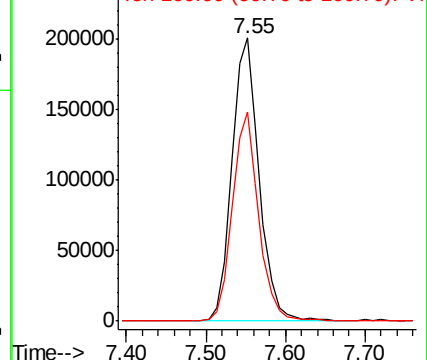
98 100

100 73.7 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 47.344 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061078.D

Acq: 19 Dec 2018 11:49

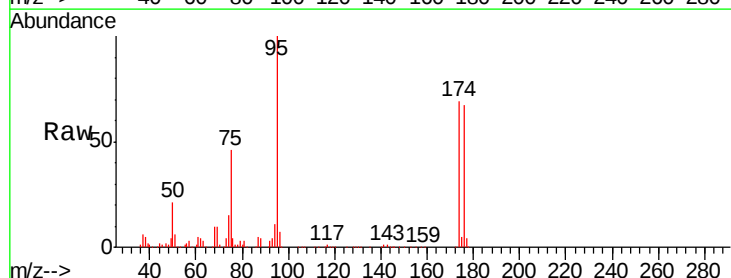
Tgt Ion: 95 Resp: 221792

Ion Ratio Lower Upper

95 100

174 69.4 0.0 143.8

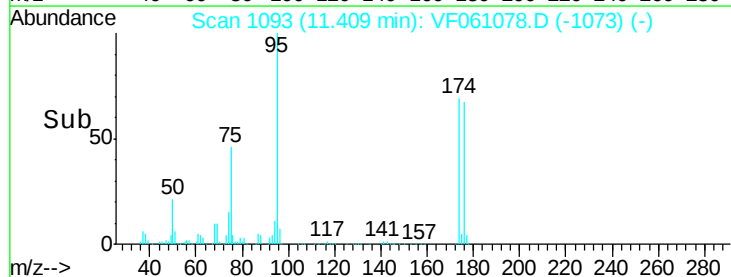
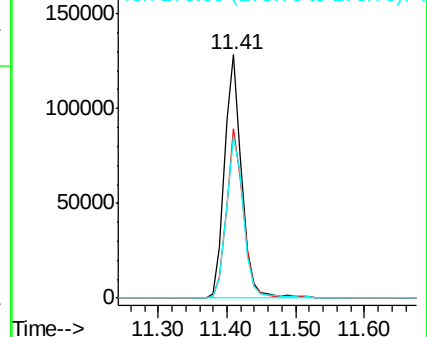
176 66.7 0.0 147.6

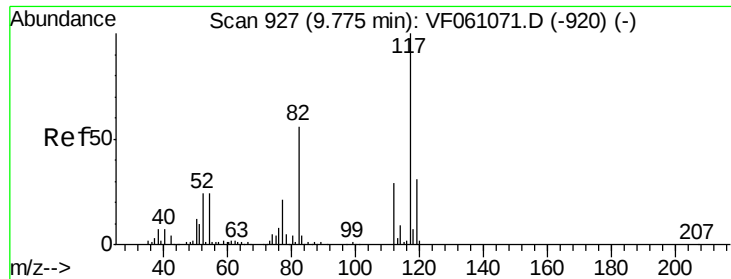


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

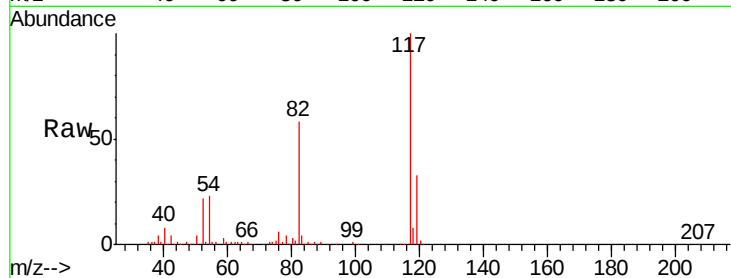




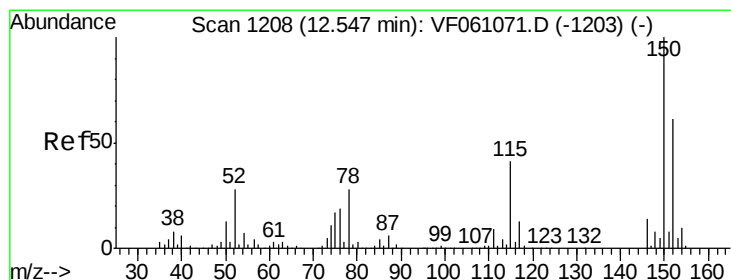
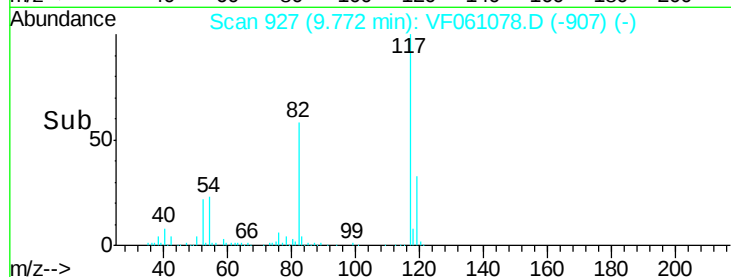
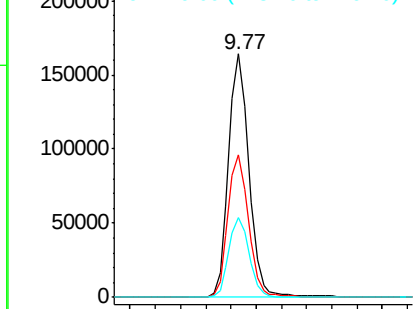
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061078.D
Acq: 19 Dec 2018 11:49

Instrument :
MSVOA_F
ClientSampleId :
VF1219SBL01

Tgt Ion:117 Resp: 368992
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.5 24.8 37.2

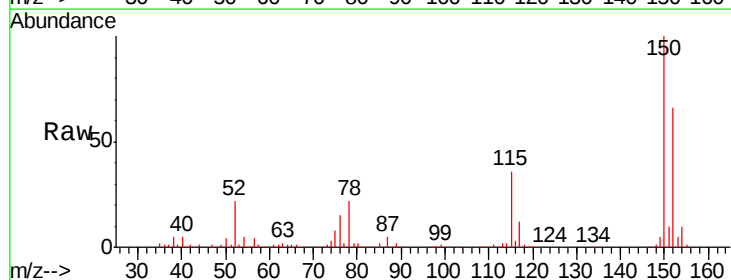


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061078.D
Acq: 19 Dec 2018 11:49

Tgt Ion:152 Resp: 202288
Ion Ratio Lower Upper
152 100
115 54.8 33.3 99.9
150 150.6 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

