

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061194.D
 Acq On : 26 Dec 2018 18:01
 Operator : VA/AP
 Sample : J6404-04
 Misc : 20.68g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CPIDW02-121218-S

Quant Time: Dec 27 01:19:41 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	4.85	168	19511	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	24036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	14792	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	5226	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.83	65	3480	13.87	ug/l	-0.01
Spiked Amount	50.000			Recovery	=	27.74%	
35) Dibromofluoromethane		4.10	113	5923	30.76	ug/l	-0.01
Spiked Amount	50.000			Recovery	=	61.52%	
50) Toluene-d8		7.54	98	20910	38.32	ug/l	-0.01
Spiked Amount	50.000			Recovery	=	76.64%	
62) 4-Bromofluorobenzene		11.40	95	6318	25.12	ug/l	-0.01
Spiked Amount	50.000			Recovery	=	50.24%	

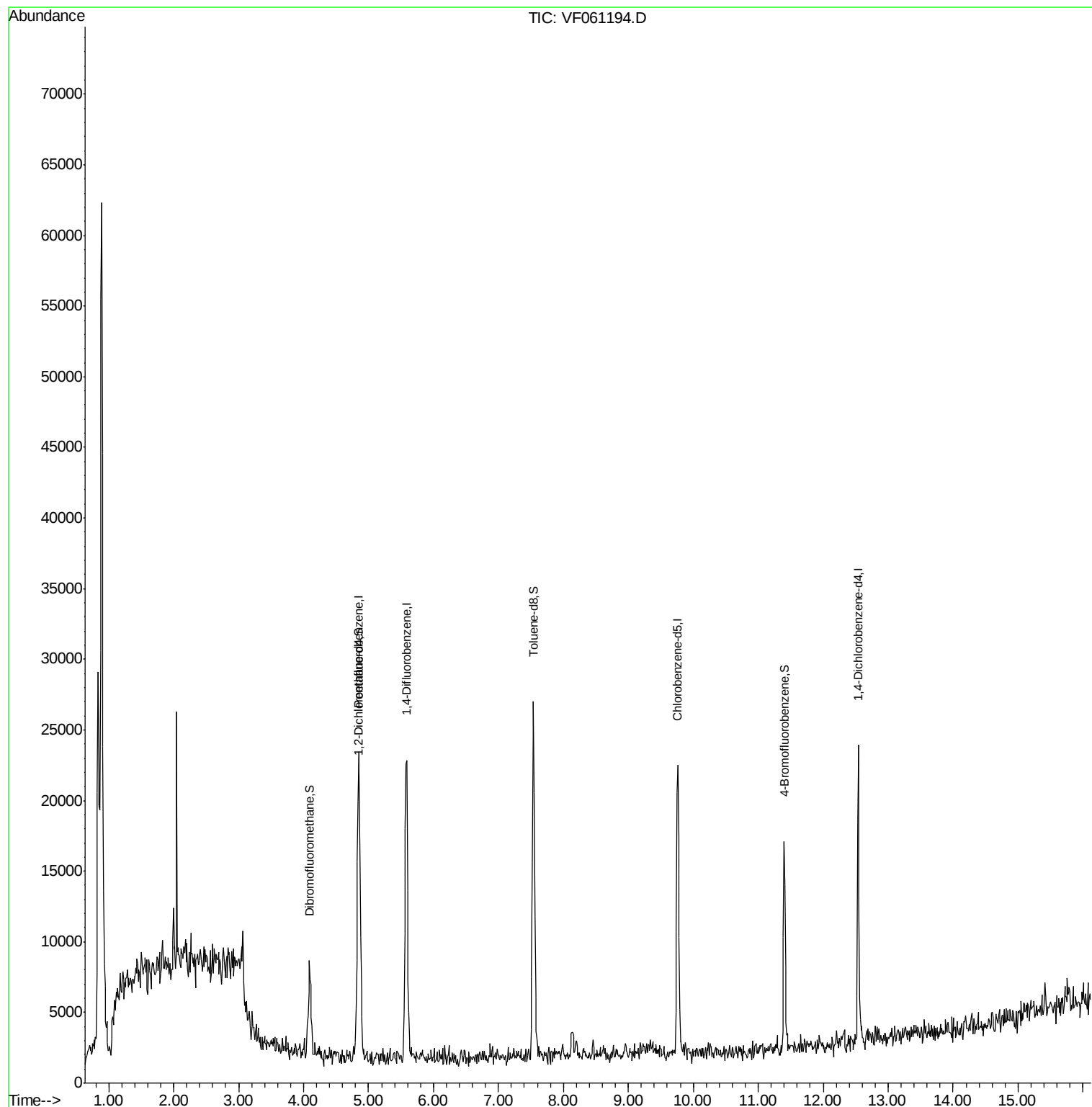
Target Compounds	Qvalue

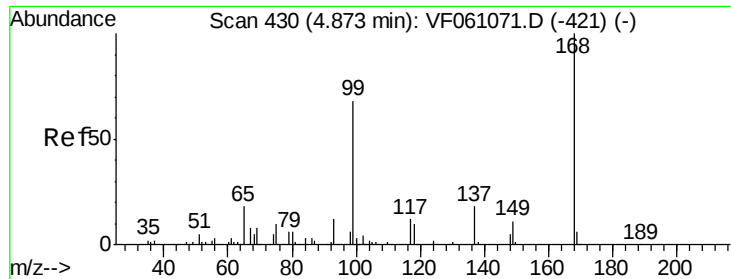
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061194.D

Acq: 26 Dec 2018 18:01

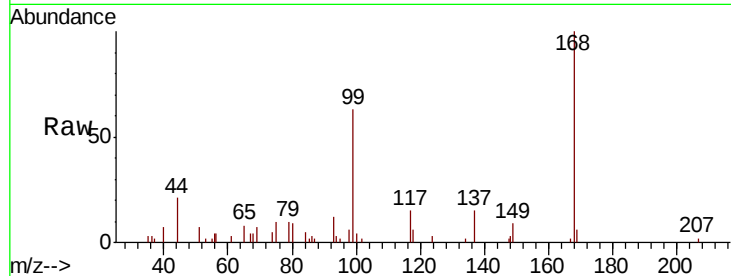
Instrument :
MSVOA_F
ClientSampleId :
CPIDW02-121218-S

Tot Ion:168 Resp: 19511

Ion Ratio Lower Upper

168 100

99 63.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

6000

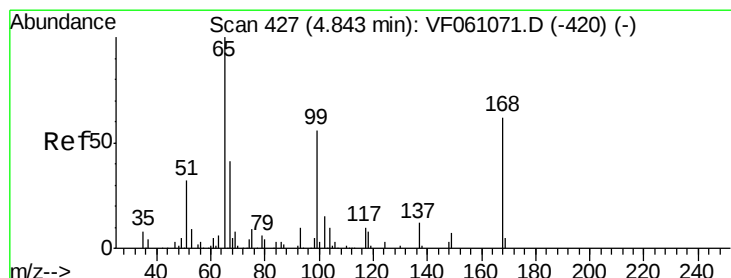
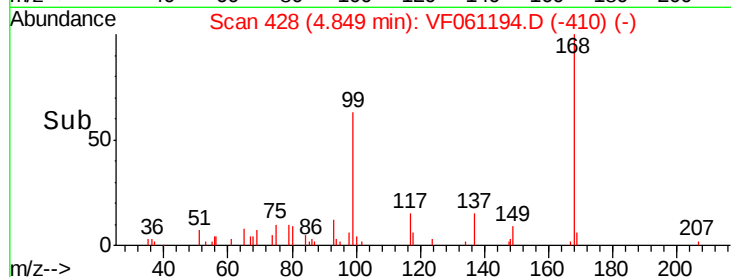
4000

2000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 13.868 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061194.D

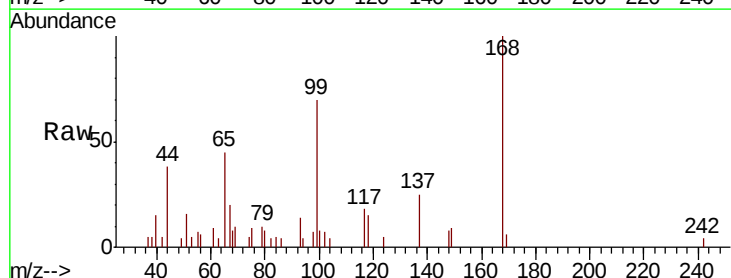
Acq: 26 Dec 2018 18:01

Tgt Ion: 65 Resp: 3480

Ion Ratio Lower Upper

65 100

67 45.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

1500

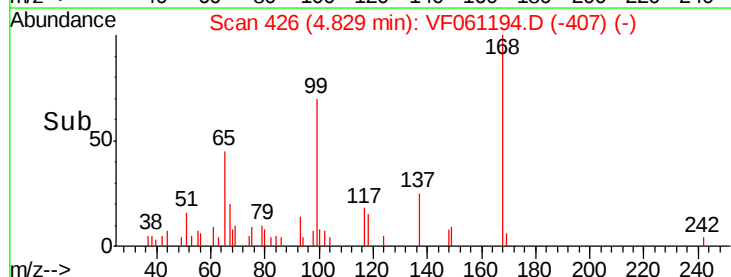
1000

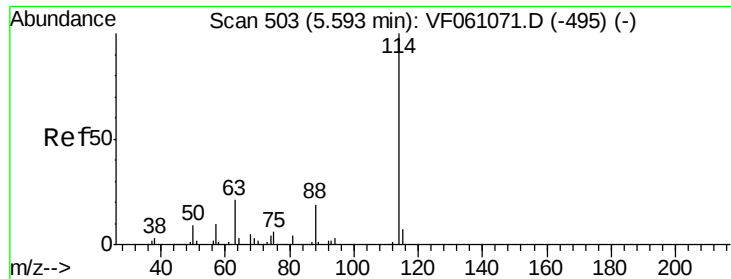
500

0

4.80 4.83 4.86 4.89 4.92

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061194.D

Acq: 26 Dec 2018 18:01

Instrument :

MSVOA_F

ClientSampleId :

CPIDW02-121218-S

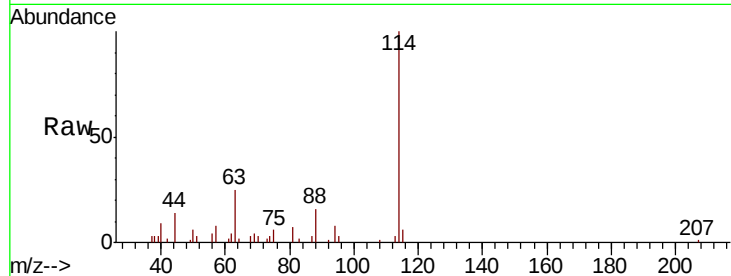
Tot Ion:114 Resp: 24036

Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.6

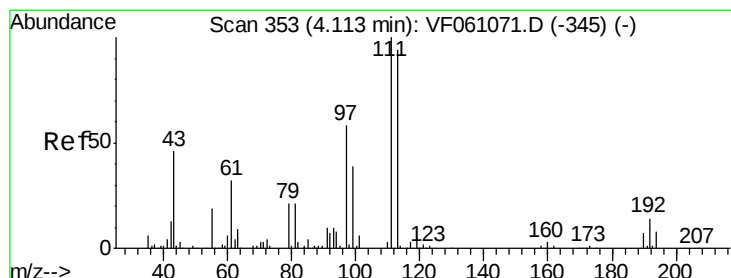
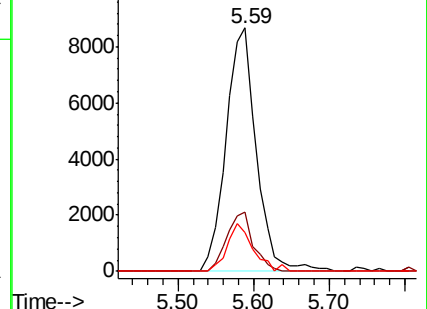
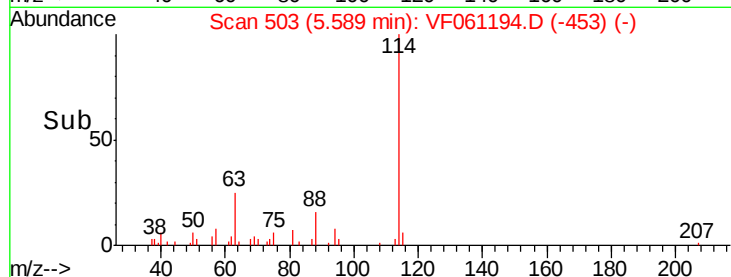
88 16.2 0.0 38.0



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: 30.762 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061194.D

Acq: 26 Dec 2018 18:01

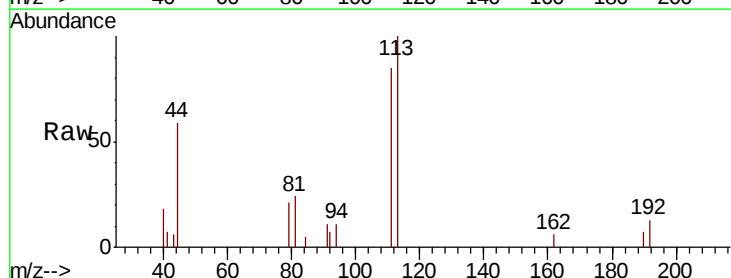
Tgt Ion:113 Resp: 5923

Ion Ratio Lower Upper

113 100

111 85.1 85.2 127.8#

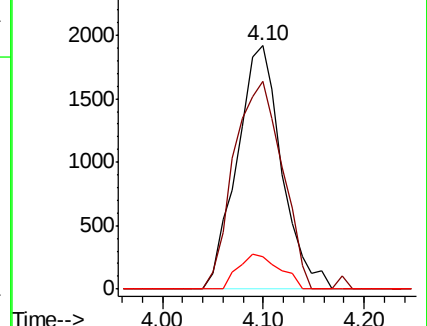
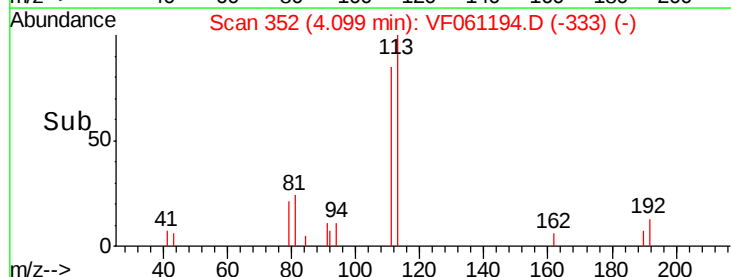
192 13.2 12.8 19.2

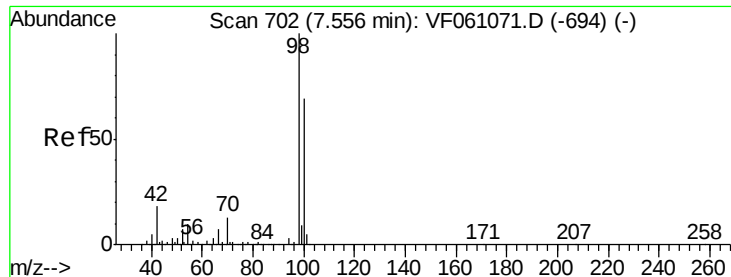


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.322 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061194.D

Acq: 26 Dec 2018 18:01

Instrument :

MSVOA_F

ClientSampleId :

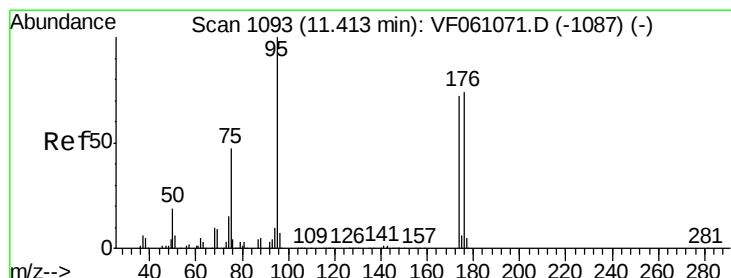
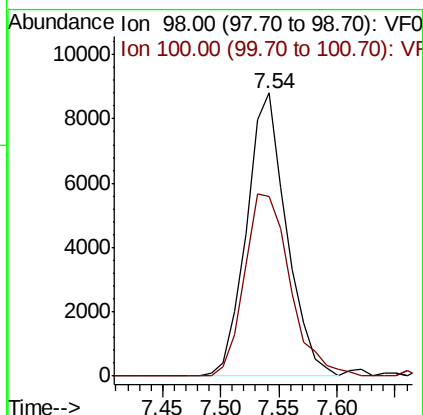
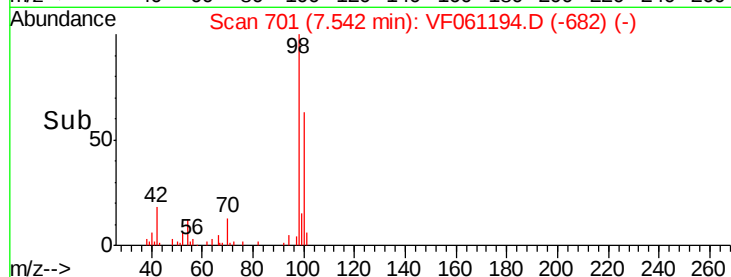
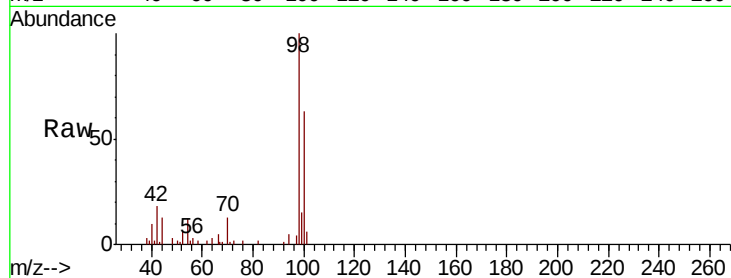
CPIDW02-121218-S

Tot Ion: 98 Resp: 20910

Ion Ratio Lower Upper

98 100

100 63.3 55.3 82.9



#62

4-Bromofluorobenzene

Concen: 25.116 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061194.D

Acq: 26 Dec 2018 18:01

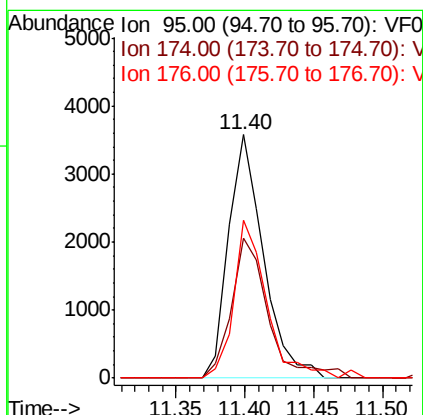
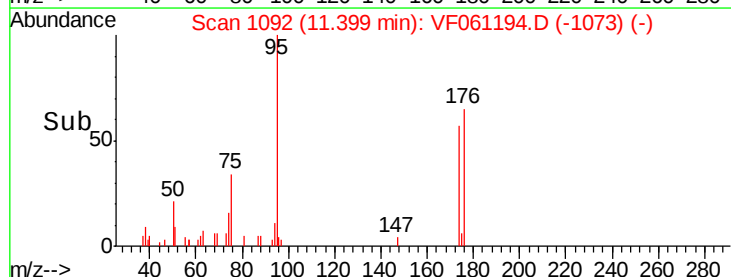
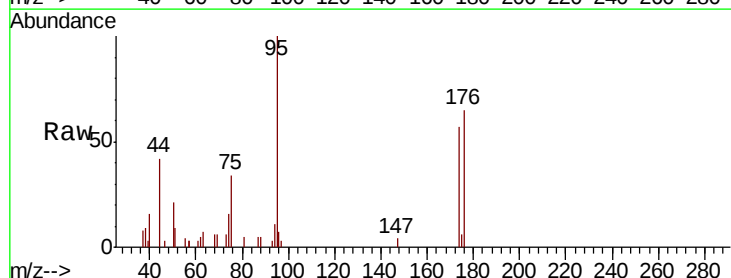
Tgt Ion: 95 Resp: 6318

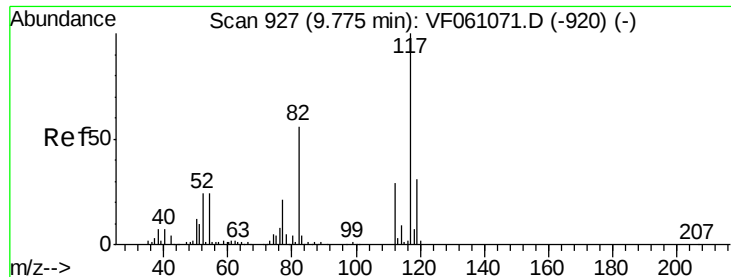
Ion Ratio Lower Upper

95 100

174 57.3 0.0 143.8

176 64.8 0.0 147.6

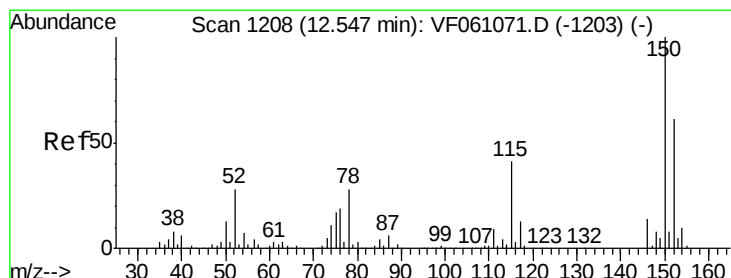
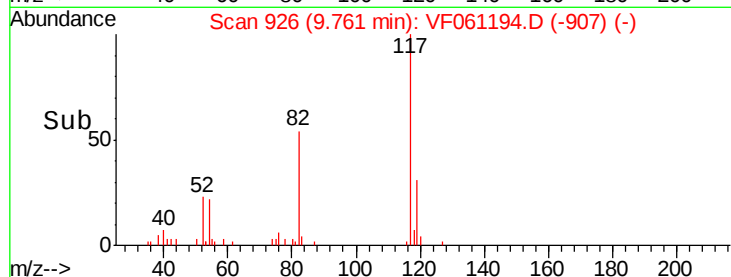
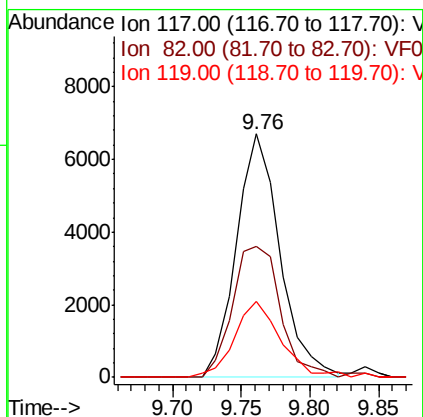
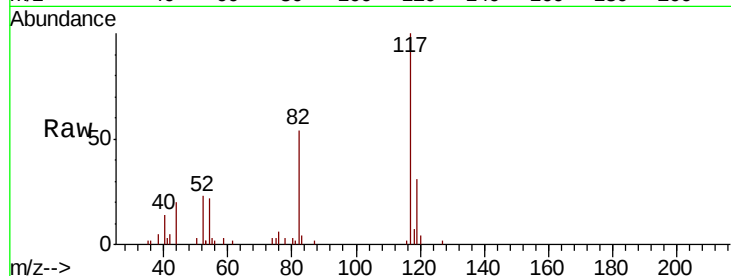




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061194.D
Acq: 26 Dec 2018 18:01

Instrument :
MSVOA_F
ClientSampleId :
CPIDW02-121218-S

Tot Ion:117 Resp: 14792
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061194.D
Acq: 26 Dec 2018 18:01

Tgt Ion:152 Resp: 5226
Ion Ratio Lower Upper
152 100
115 63.2 33.3 99.9
150 159.6 0.0 328.2

