

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF082918\
 Data File : VF060181.D
 Acq On : 29 Aug 2018 7:49
 Operator : VA/AP
 Sample : J4276-05
 Misc : 5.82g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-082718

Quant Time: Aug 30 14:53:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	15501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	23620	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	13632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	8031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	15711	162.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.56%	
35) Dibromofluoromethane	4.27	113	13400	88.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.38%	
50) Toluene-d8	7.70	98	5606	10.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.56%	
62) 4-Bromofluorobenzene	11.51	95	8946	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

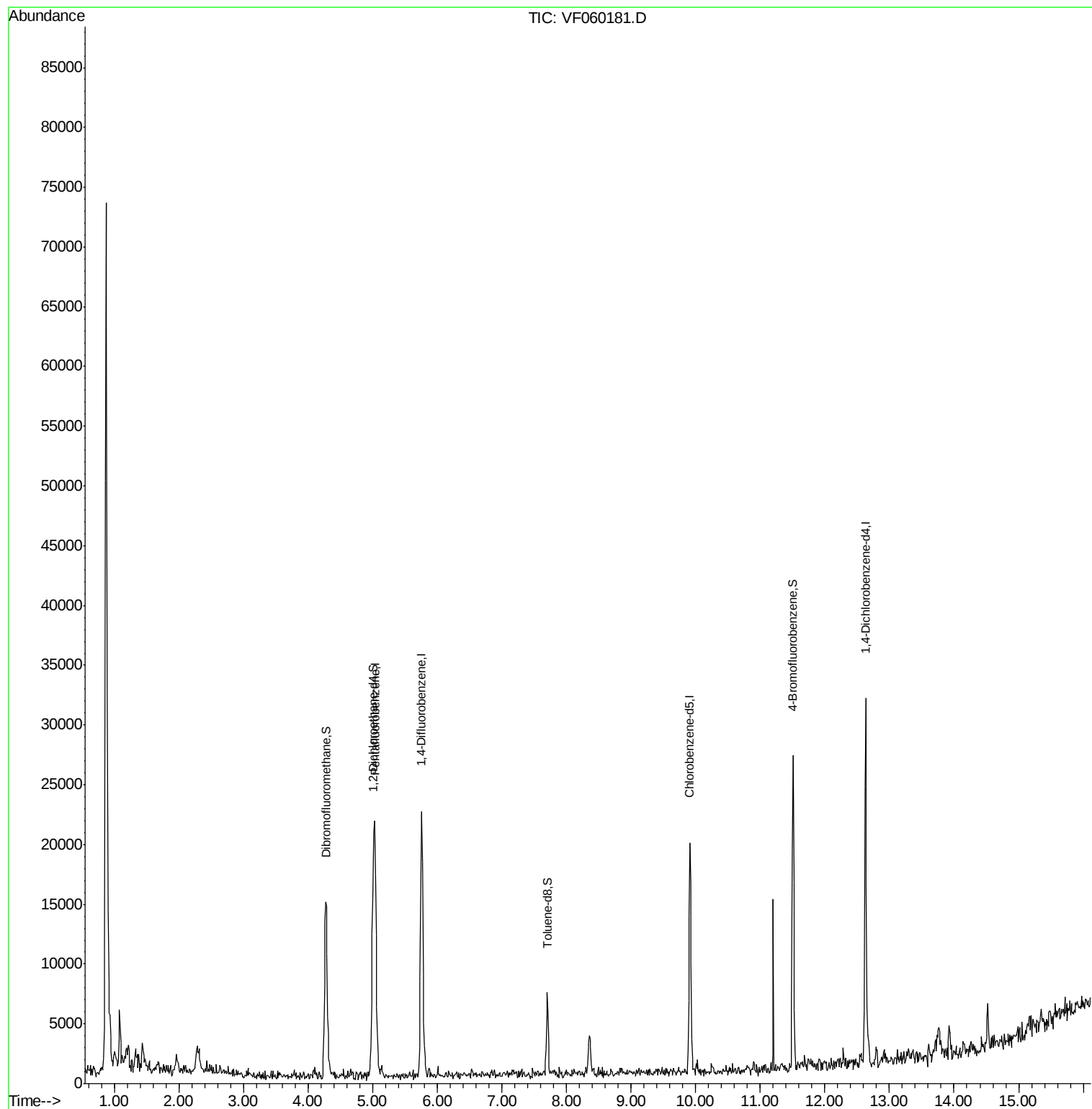
Target Compounds	Qvalue

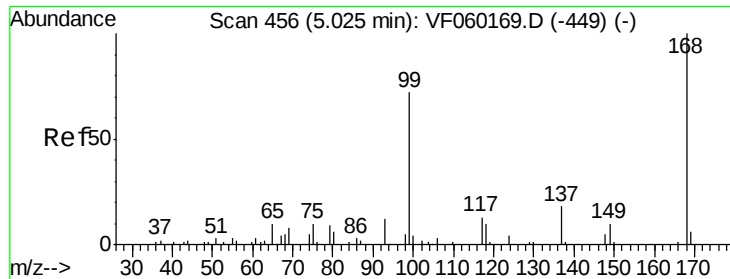
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 03:22:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF060181.D

Acq: 29 Aug 2018 7:49

Instrument :

MSVOA_F

ClientSampleId :

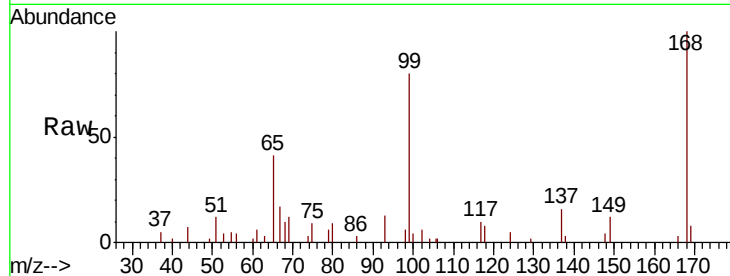
OK-02-082718

Tot Ion:168 Resp: 15501

Ion Ratio Lower Upper

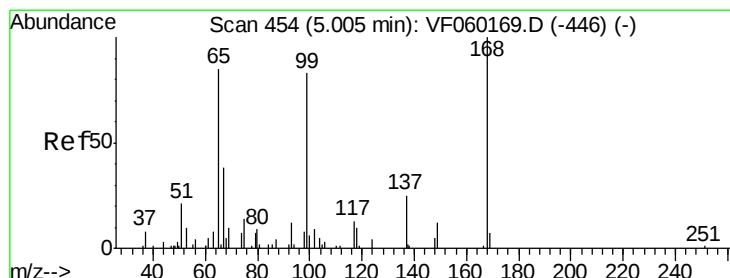
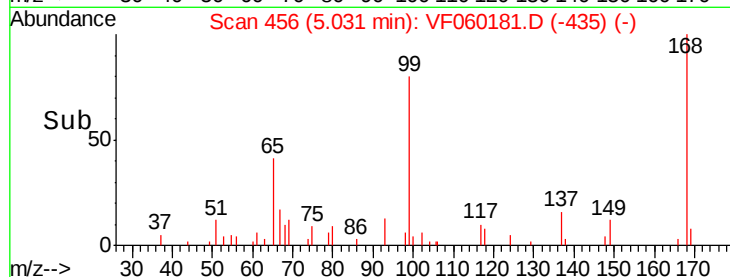
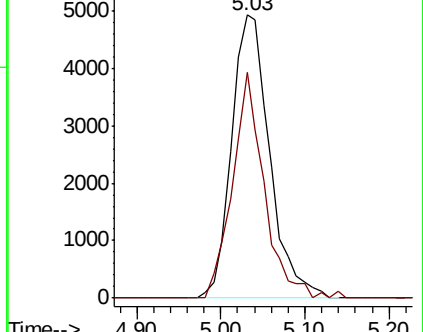
168 100

99 79.7 57.9 86.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 162.28 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.00 min

Lab File: VF060181.D

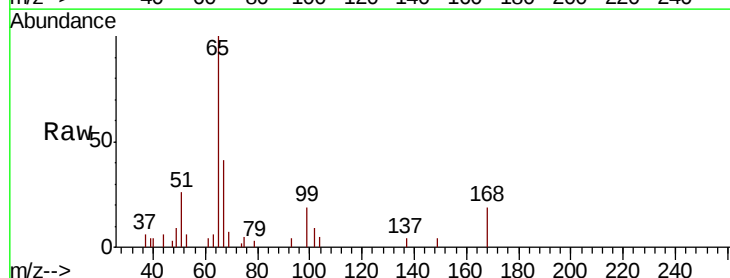
Acq: 29 Aug 2018 7:49

Tgt Ion: 65 Resp: 15711

Ion Ratio Lower Upper

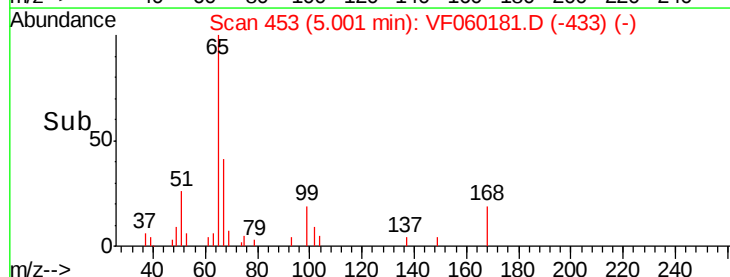
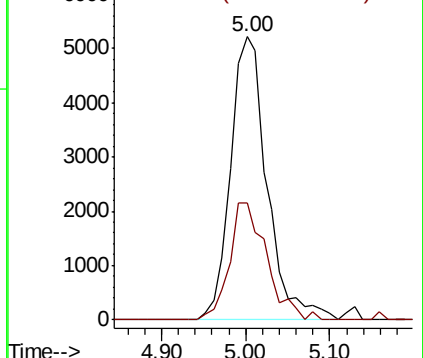
65 100

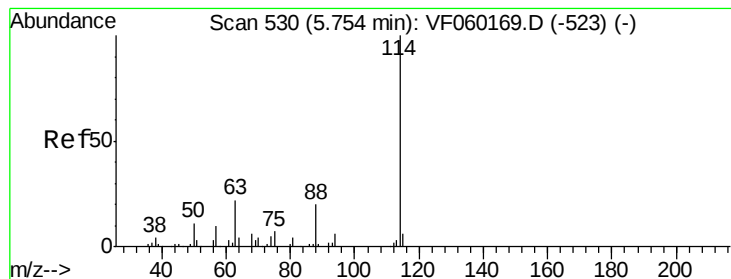
67 41.4 0.0 92.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.00 min

Lab File: VF060181.D

Acq: 29 Aug 2018 7:49

Instrument :

MSVOA_F

ClientSampleId :

OK-02-082718

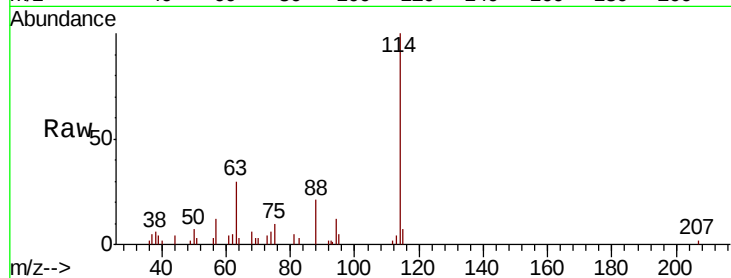
Tot Ion:114 Resp: 23620

Ion Ratio Lower Upper

114 100

63 30.0 0.0 45.8

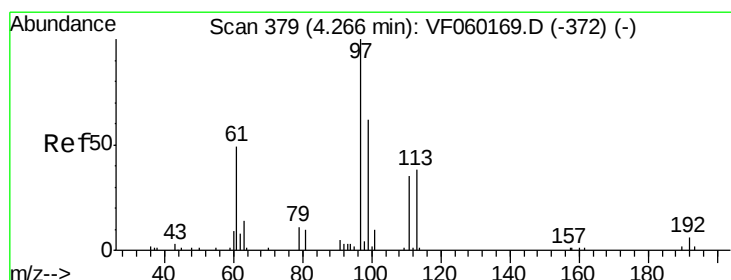
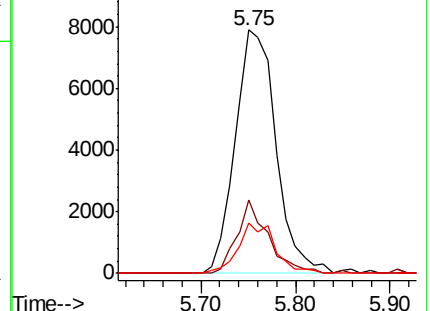
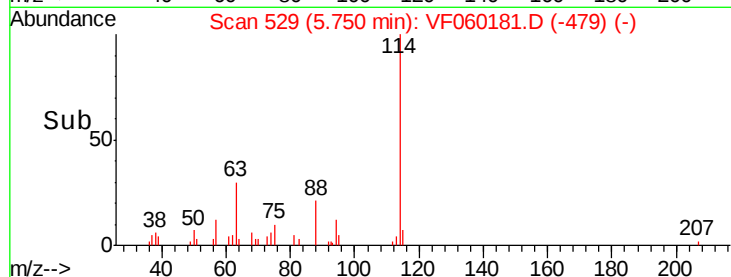
88 20.6 0.0 40.2



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: 88.19 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF060181.D

Acq: 29 Aug 2018 7:49

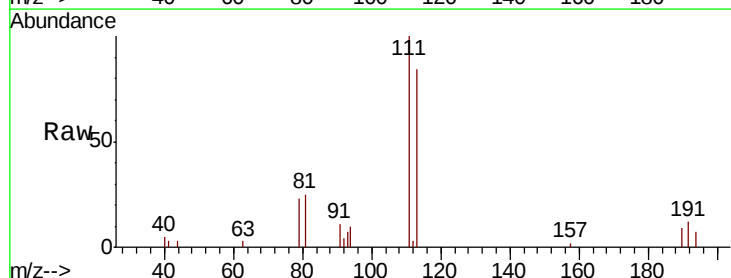
Tgt Ion:113 Resp: 13400

Ion Ratio Lower Upper

113 100

111 118.7 75.5 113.3#

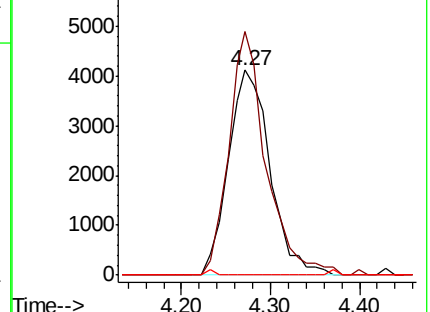
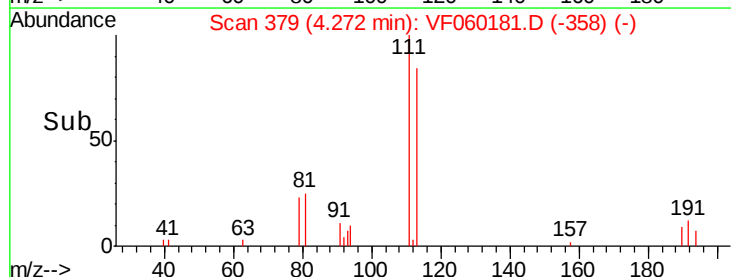
192 0.0 12.5 18.7#

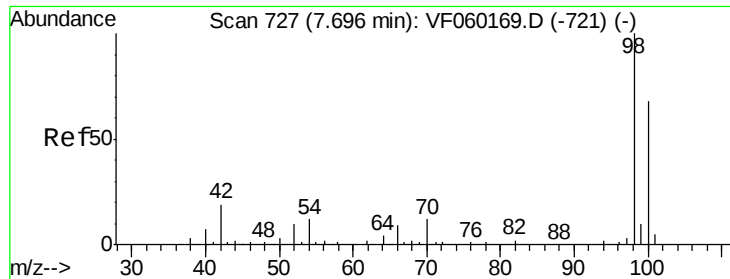


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

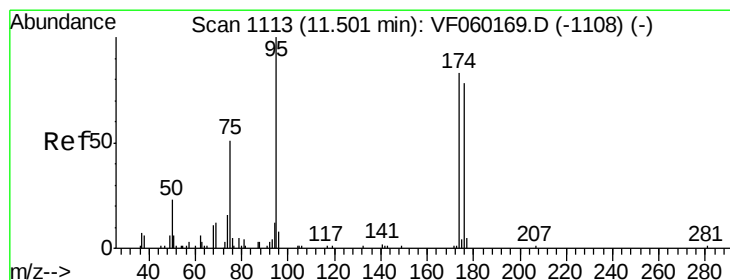
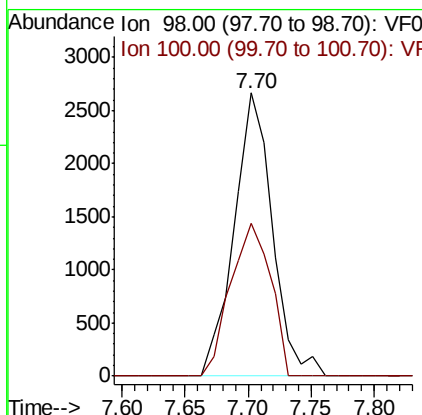
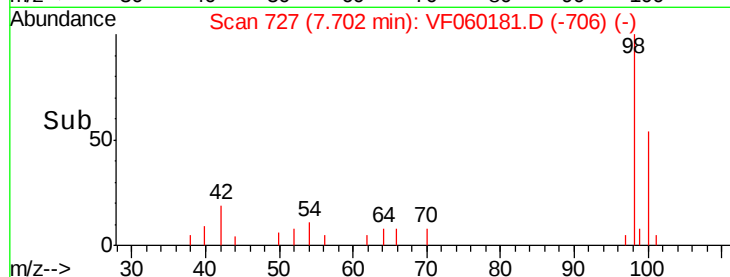
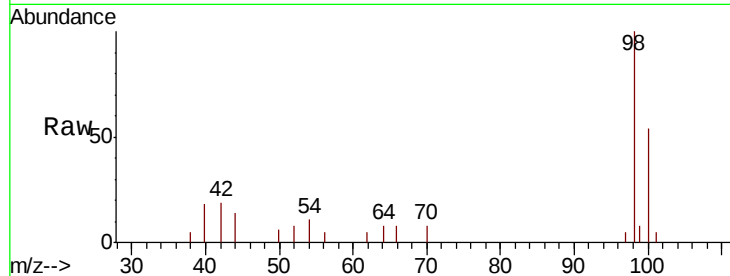




#50
Toluene-d8
Concen: 10.78 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.01 min
Lab File: VF060181.D
Acq: 29 Aug 2018 7:49

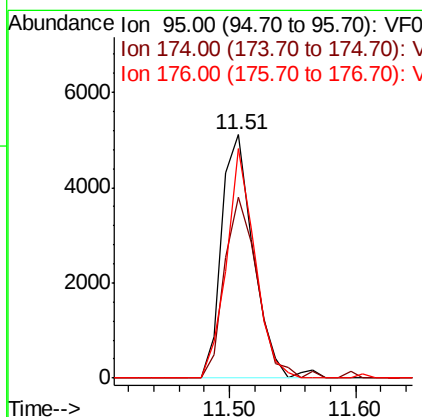
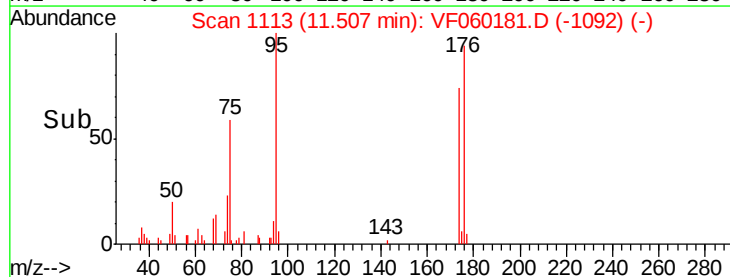
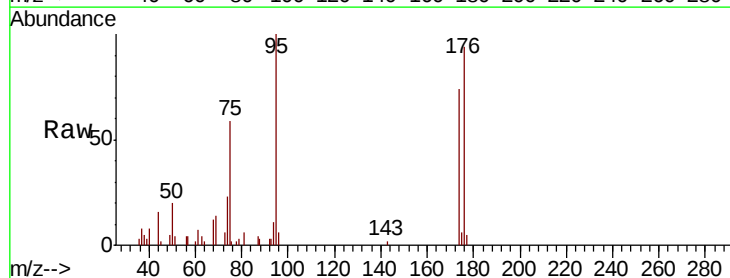
Instrument :
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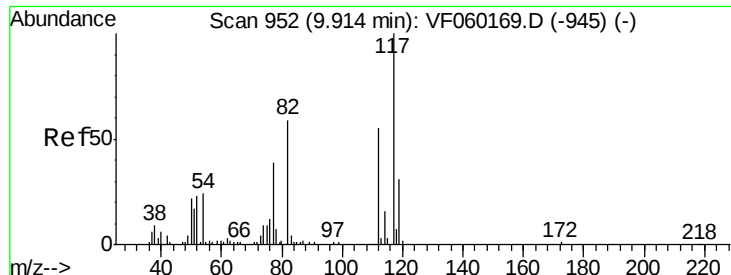
Tot Ion: 98 Resp: 5606
Ion Ratio Lower Upper
98 100
100 54.2 54.5 81.7#



#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF060181.D
Acq: 29 Aug 2018 7:49

Tgt Ion: 95 Resp: 8946
Ion Ratio Lower Upper
95 100
174 74.1 0.0 165.2
176 94.3 0.0 156.6

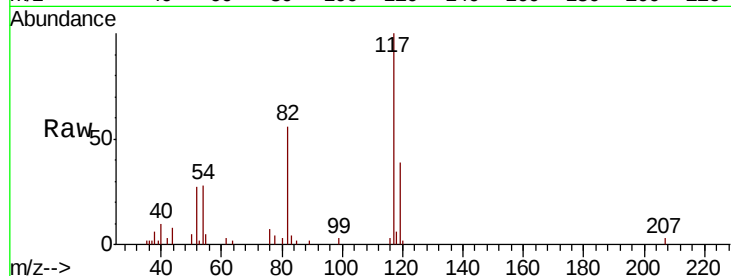




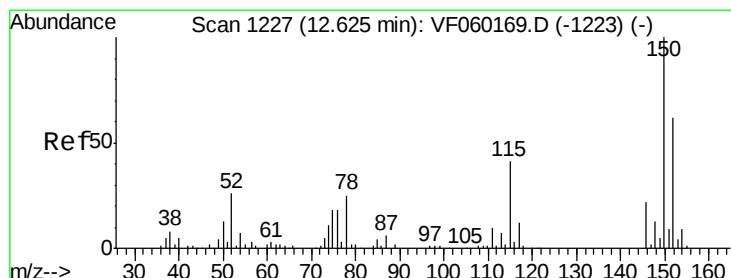
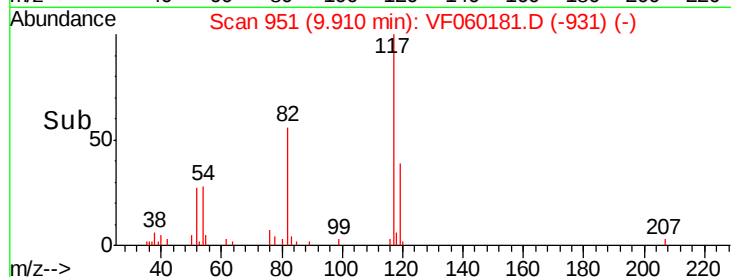
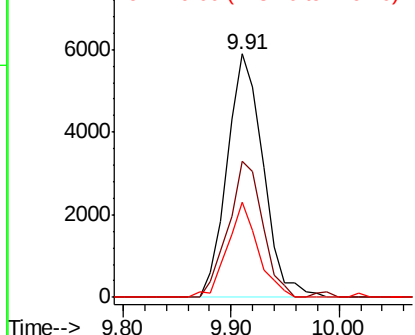
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF060181.D
Acq: 29 Aug 2018 7:49

Instrument :
MSVOA_F
ClientSampleId :
OK-02-082718

Tot Ion:117 Resp: 13632
Ion Ratio Lower Upper
117 100
82 55.7 47.2 70.8
119 39.3 25.0 37.4#

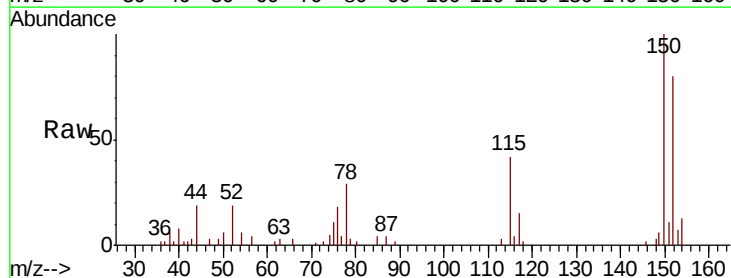


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF060181.D
Acq: 29 Aug 2018 7:49

Tgt Ion:152 Resp: 8031
Ion Ratio Lower Upper
152 100
115 52.5 33.2 99.6
150 124.4 0.0 325.6



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

