

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060069.D
 Acq On : 23 Aug 2018 22:39
 Operator : VA/AP
 Sample : J4581-13
 Misc : 4.73g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-C3

Quant Time: Aug 24 04:06:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	174850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	287397	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	306302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	183099	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	130256	54.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	4.29	113	114648	50.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	7.71	98	310450	48.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.51	95	161308	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

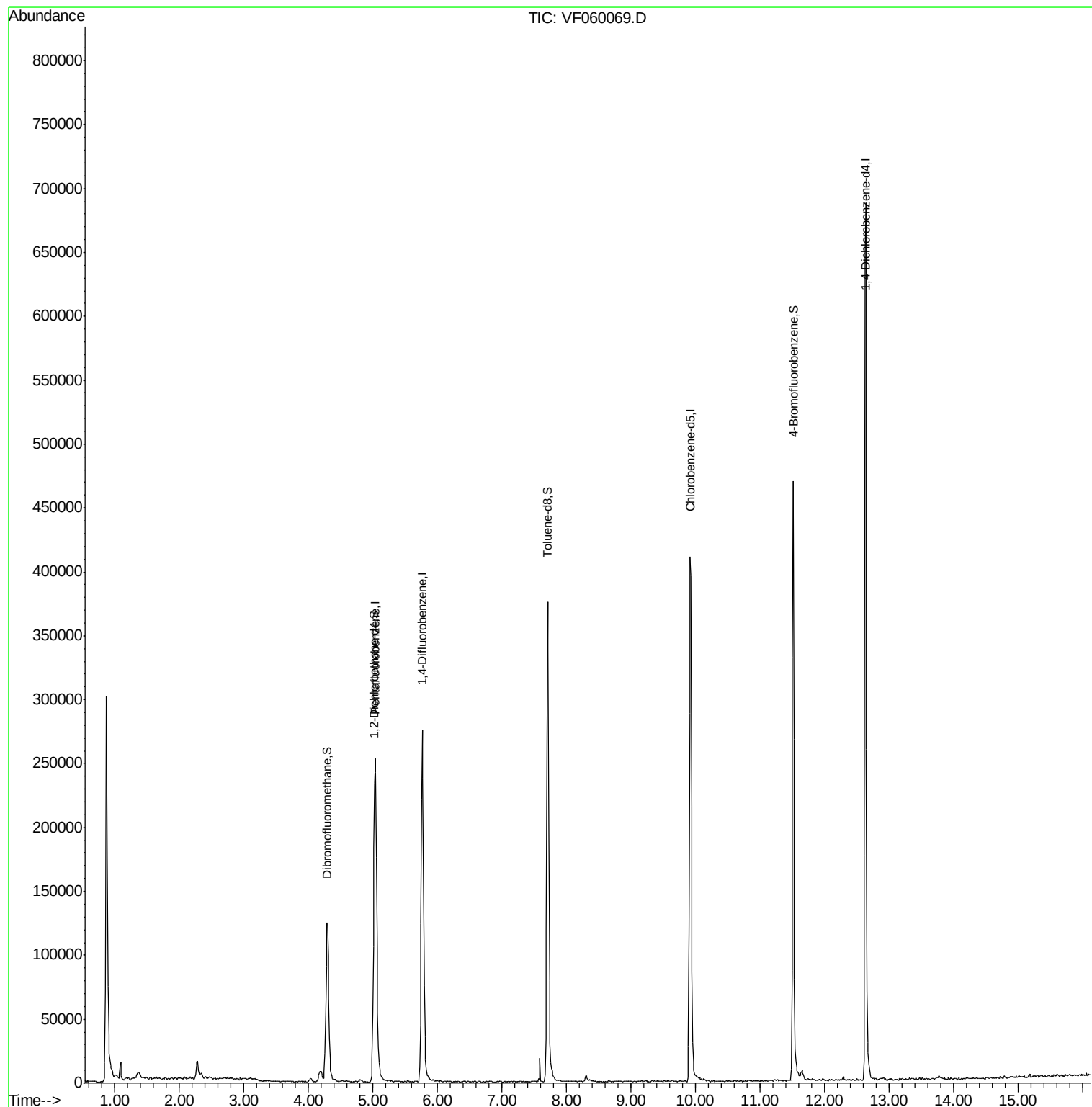
Target Compounds	Qvalue

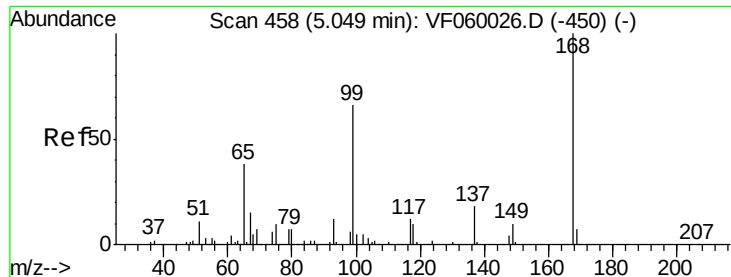
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060069.D

Acq: 23 Aug 2018 22:39

Instrument :

MSVOA_F

ClientSampleId :

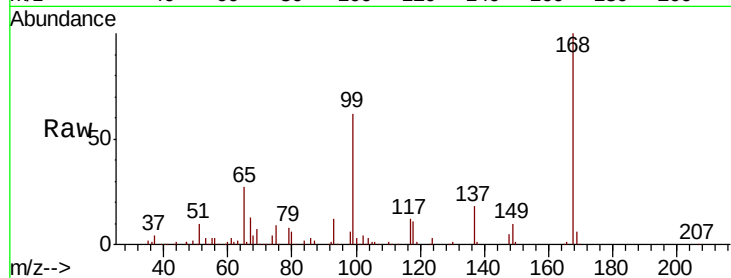
EP1-Q3-C3

Tot Ion:168 Resp: 174850

Ion Ratio Lower Upper

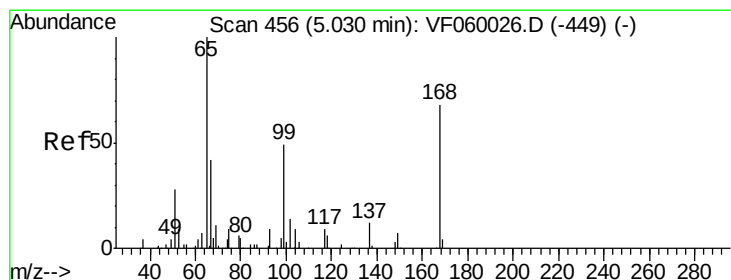
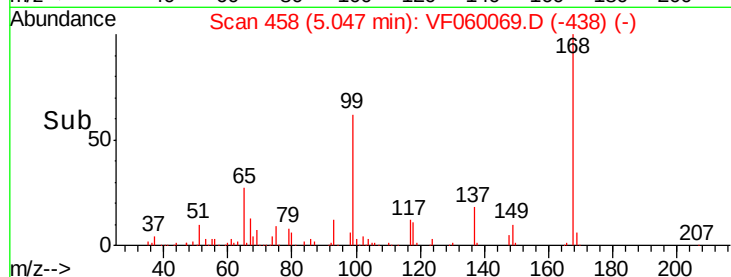
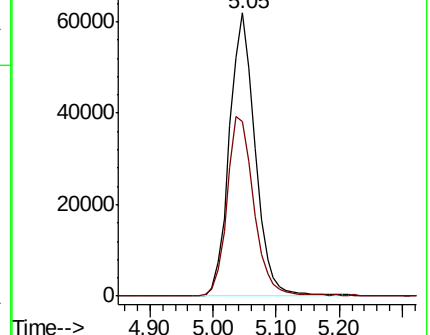
168 100

99 61.5 52.6 79.0



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: 54.43 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060069.D

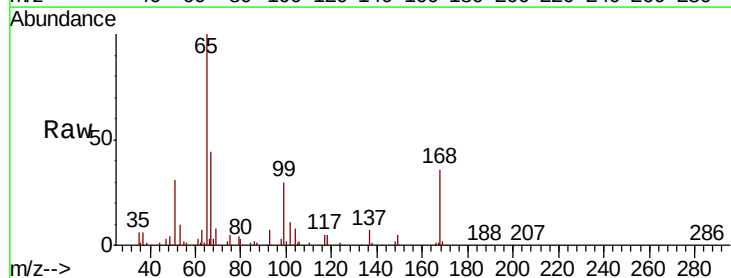
Acq: 23 Aug 2018 22:39

Tgt Ion: 65 Resp: 130256

Ion Ratio Lower Upper

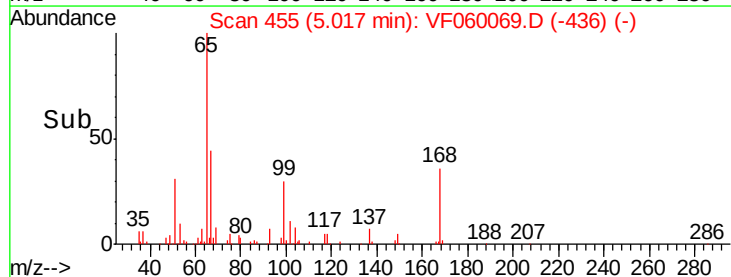
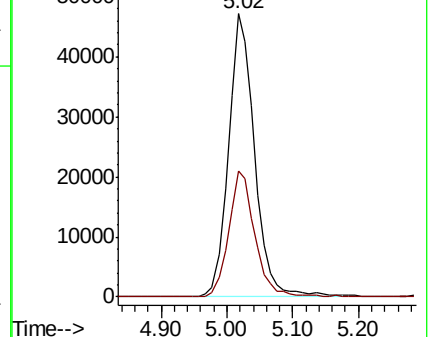
65 100

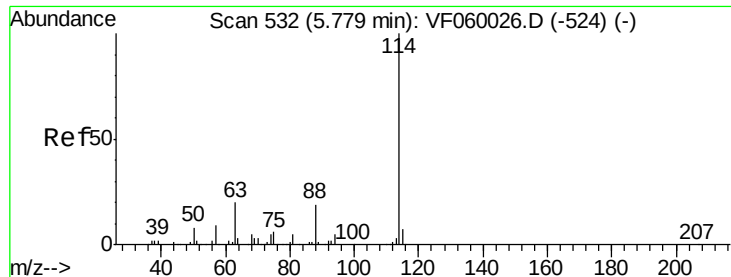
67 44.4 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

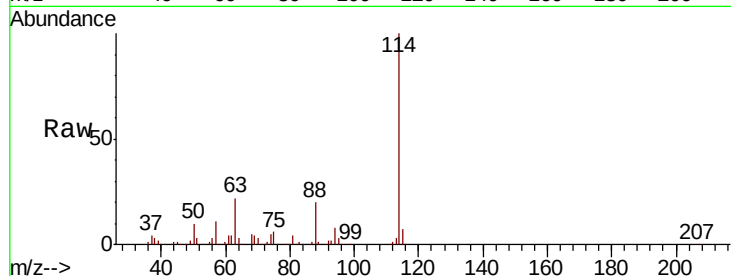




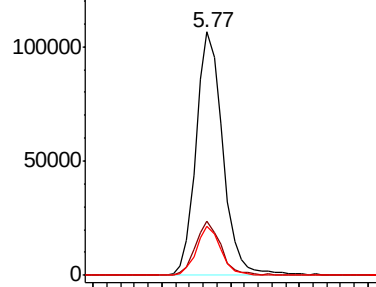
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060069.D
 Acq: 23 Aug 2018 22:39

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q3-C3

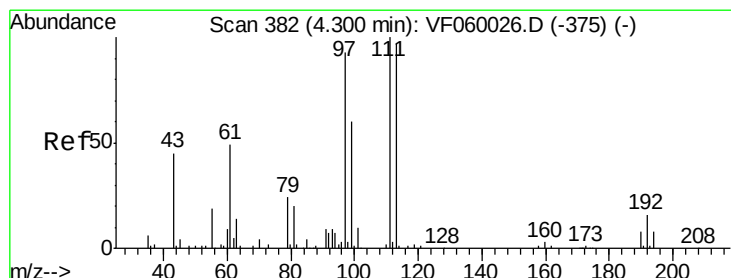
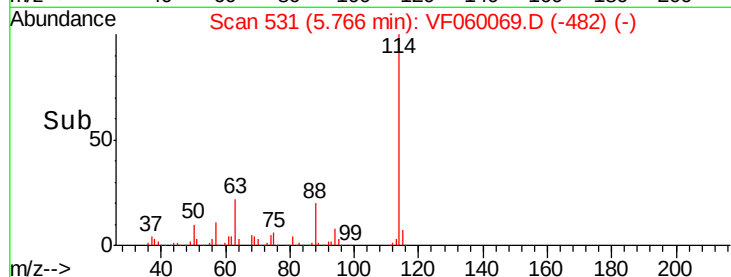
Tot Ion:114	Resp:	287397
Ion Ratio	Lower	Upper
114 100		
63 22.3	0.0	40.4
88 20.3	0.0	38.6



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

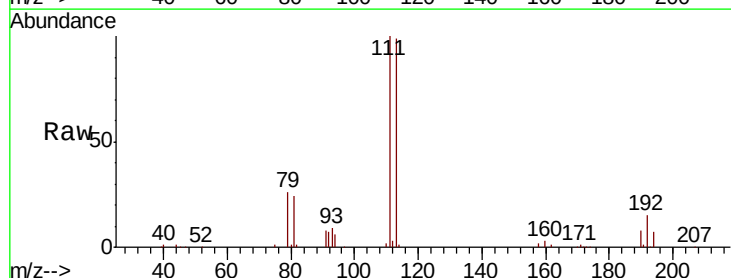


Time--> 5.60 5.70 5.80 5.90

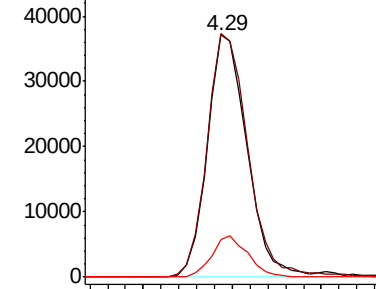


#35
 Dibromofluoromethane
 Concen: 50.80 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060069.D
 Acq: 23 Aug 2018 22:39

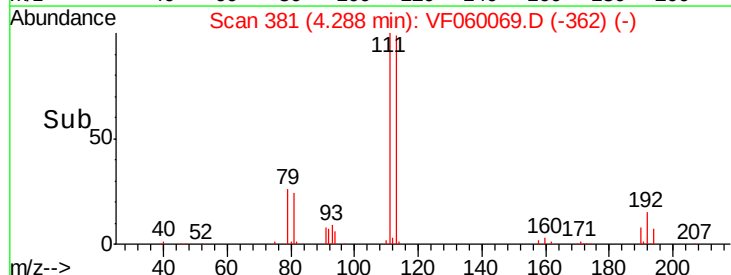
Tgt Ion:113	Resp:	114648
Ion Ratio	Lower	Upper
113 100		
111 100.6	82.7	124.1
192 15.4	13.0	19.4

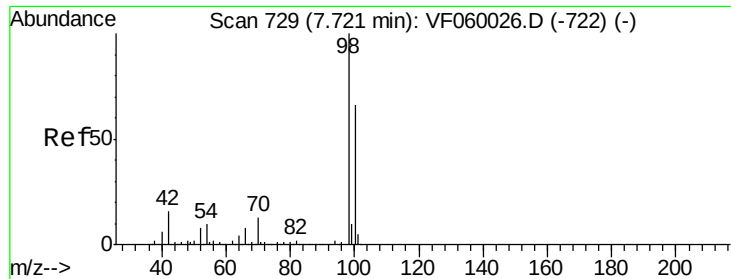


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V



Time--> 4.20 4.30 4.40

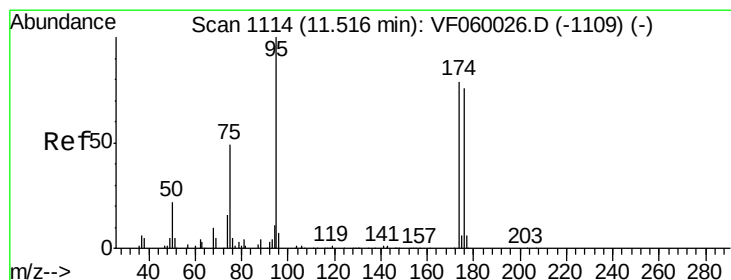
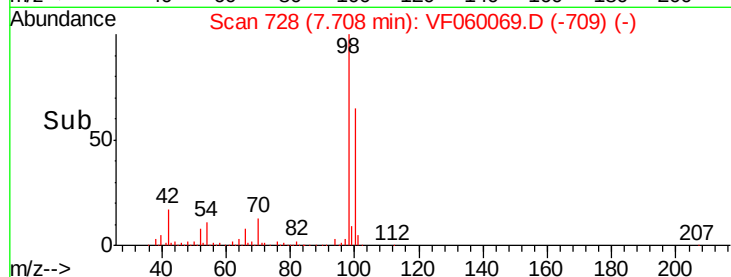
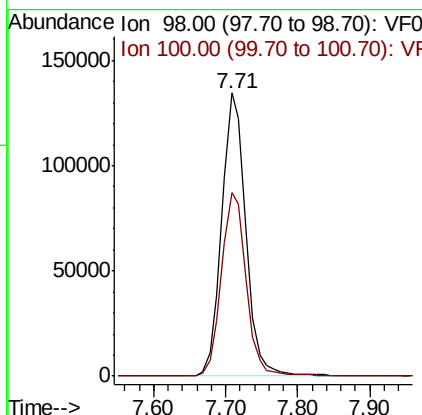
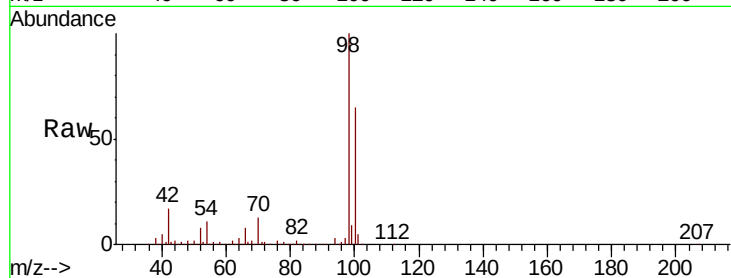




#50
Toluene-d8
Concen: 48.44 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060069.D
Acq: 23 Aug 2018 22:39

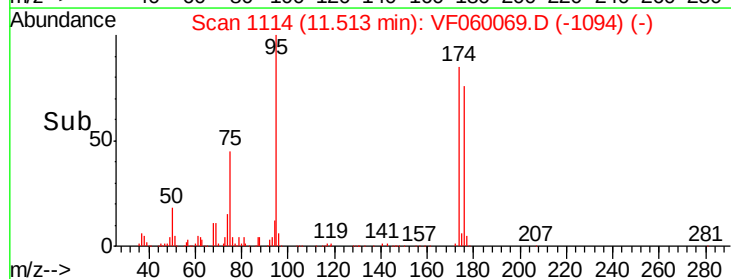
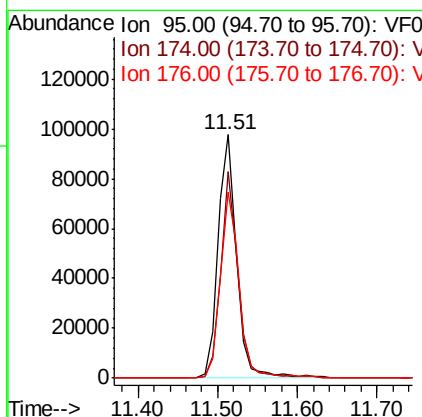
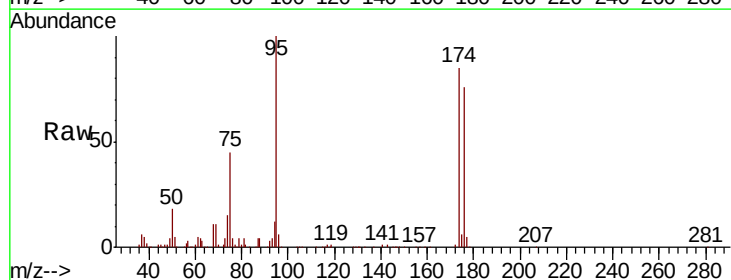
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C3

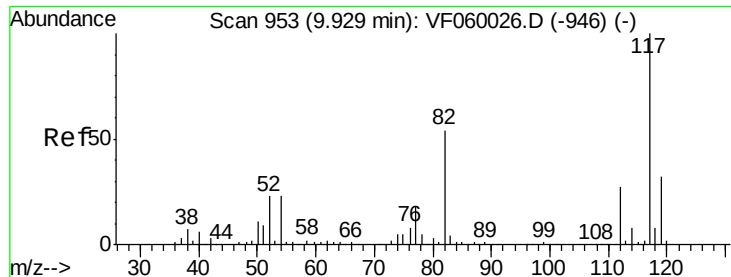
Tot Ion: 98 Resp: 310450
Ion Ratio Lower Upper
98 100
100 64.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 47.58 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060069.D
Acq: 23 Aug 2018 22:39

Tgt Ion: 95 Resp: 161308
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.4
176 76.4 0.0 153.0

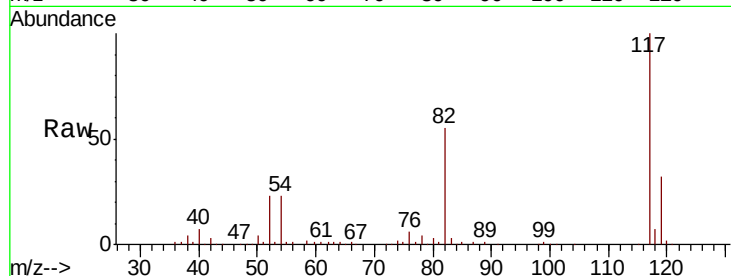




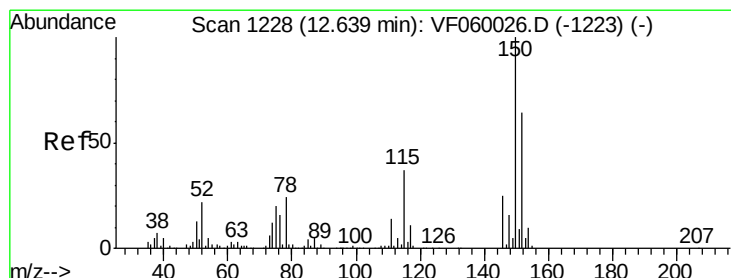
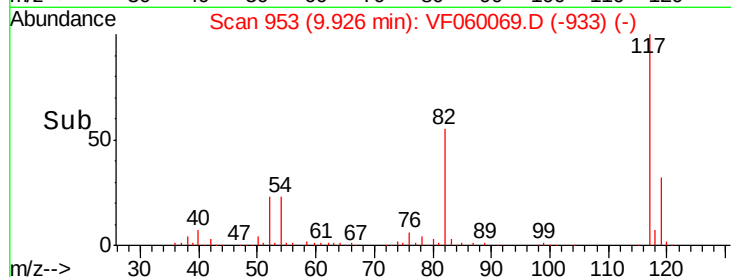
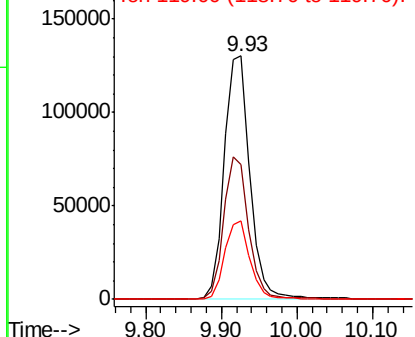
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF060069.D
Acq: 23 Aug 2018 22:39

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C3

Tot Ion:117 Resp: 306302
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 32.0 25.6 38.4

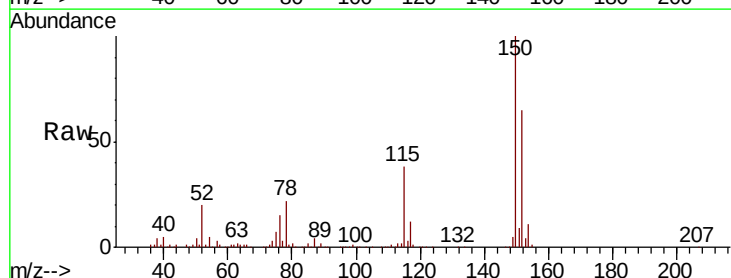


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060069.D
Acq: 23 Aug 2018 22:39

Tgt Ion:152 Resp: 183099
Ion Ratio Lower Upper
152 100
115 58.2 28.6 85.9
150 154.3 0.0 312.0



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

