

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056659.D
 Acq On : 23 Feb 2018 16:34
 Operator : JC/SY
 Sample : J1640-01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2-2-DENSE-GRADE-AGG-RCA

Quant Time: Feb 24 01:06:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	270840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	403262	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	375414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	198365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.76	65	147681	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
35) Dibromofluoromethane	4.03	113	95626	31.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	63.06%	
50) Toluene-d8	7.48	98	400365	44.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.08%	
62) 4-Bromofluorobenzene	11.34	95	186588	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	

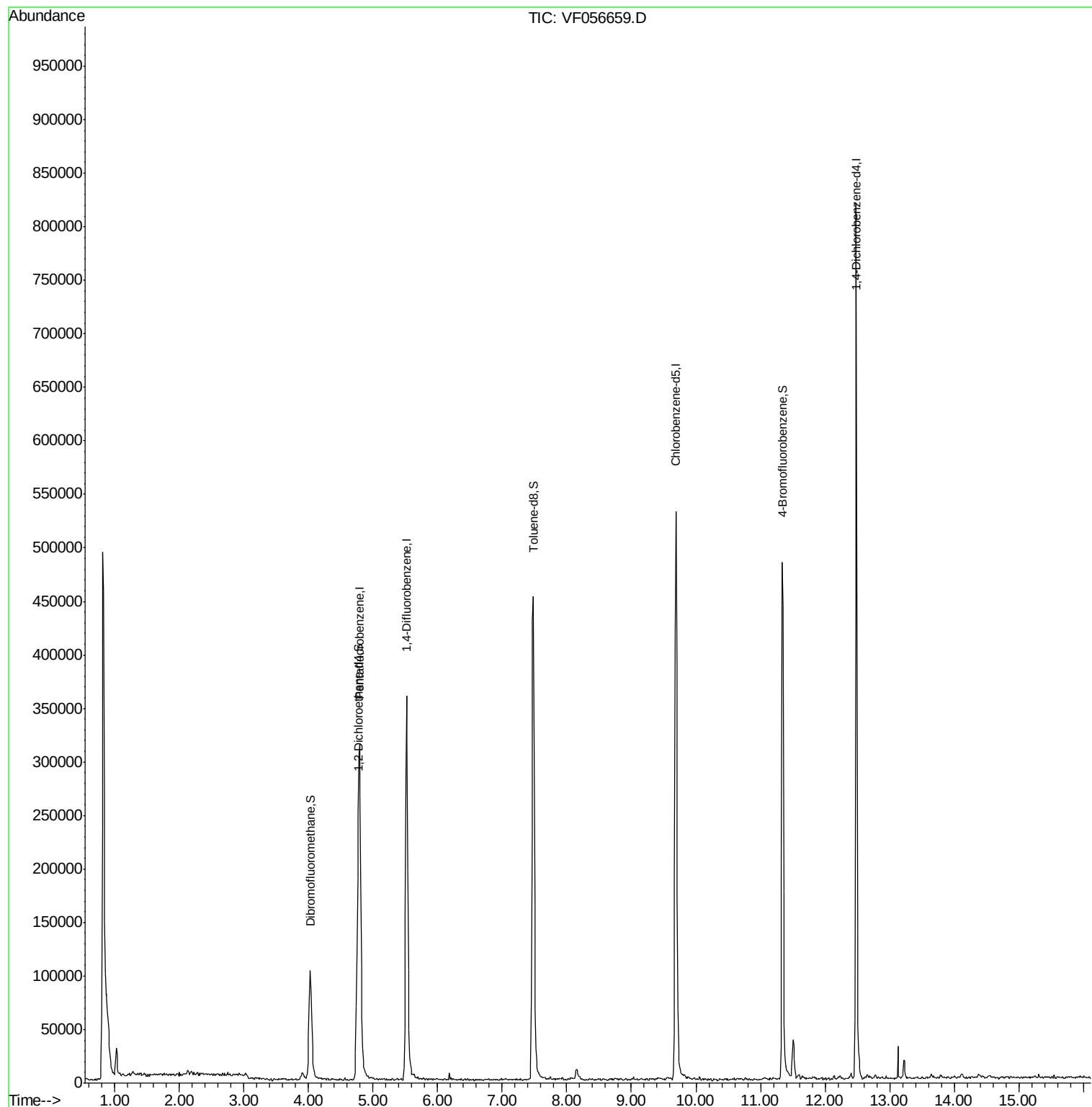
Target Compounds	Qvalue
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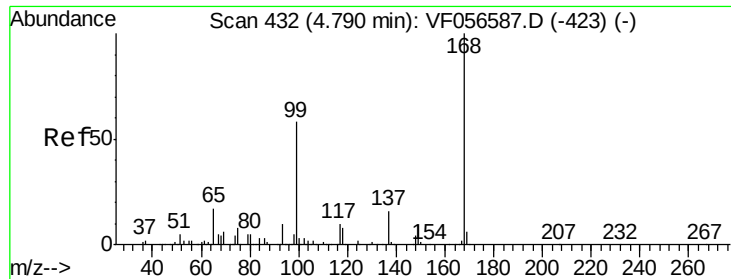
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.00 min

Lab File: VF056659.D

Acq: 23 Feb 2018 16:34

Instrument :

MSVOA_F

ClientSampleId :

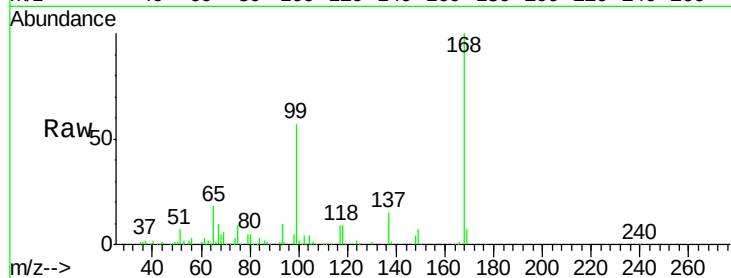
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion:168 Resp: 270840

Ion Ratio Lower Upper

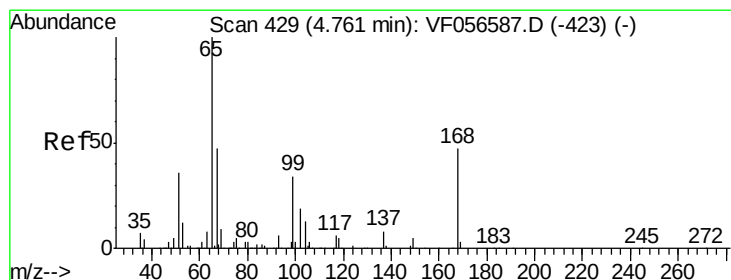
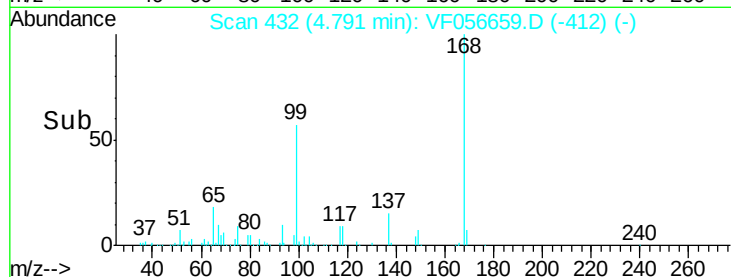
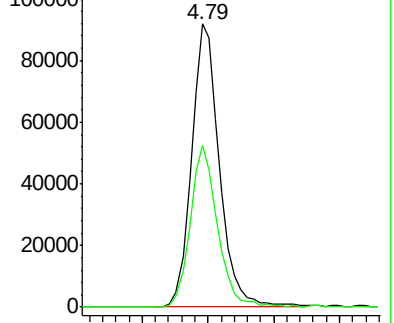
168 100

99 57.0 46.2 69.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 45.10 ug/l

RT: 4.76 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF056659.D

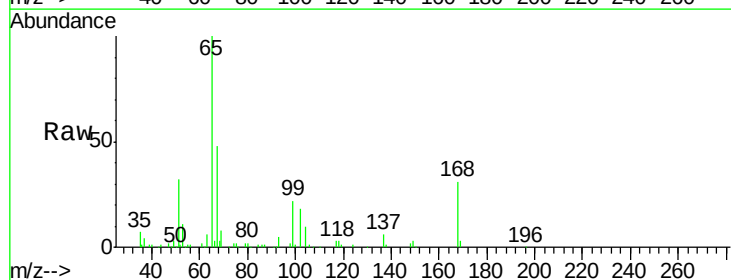
Acq: 23 Feb 2018 16:34

Tgt Ion: 65 Resp: 147681

Ion Ratio Lower Upper

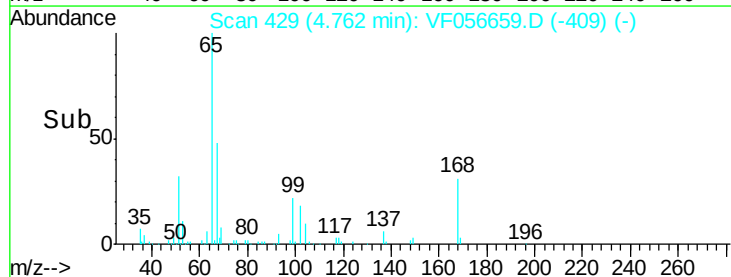
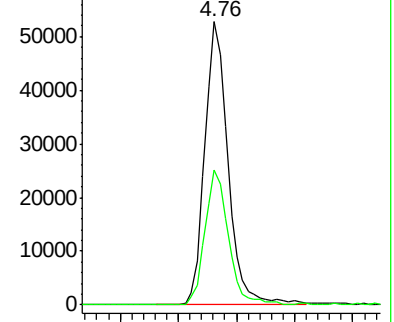
65 100

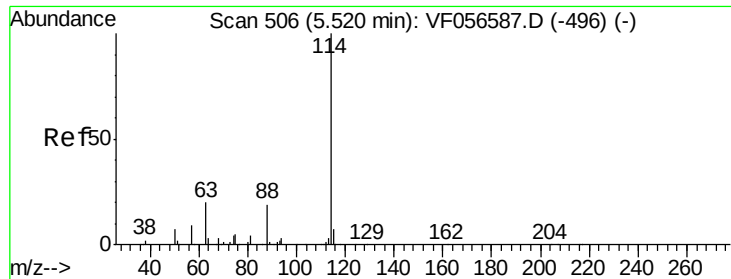
67 47.8 0.0 103.0



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: 5.52 min Scan# 506

Delta R.T. 0.00 min

Lab File: VF056659.D

Acq: 23 Feb 2018 16:34

Instrument :

MSVOA_F

ClientSampleId :

2-2-DENSE-GRADE-AGG-RCA

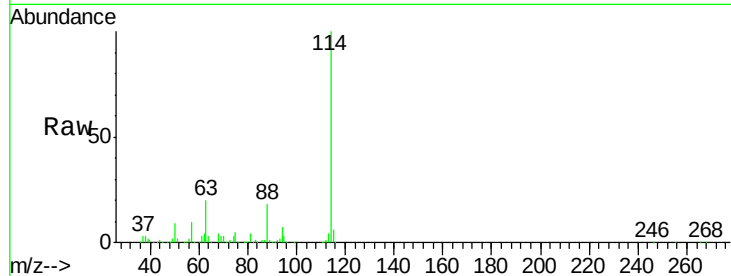
Tgt Ion:114 Resp: 403262

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

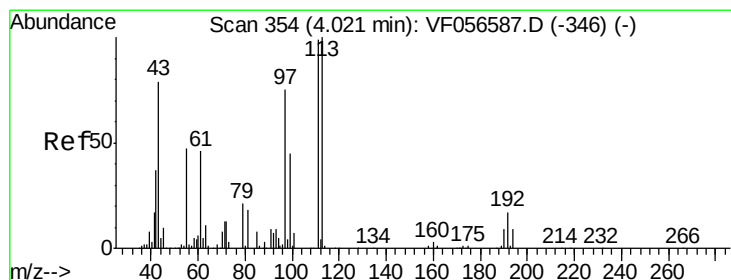
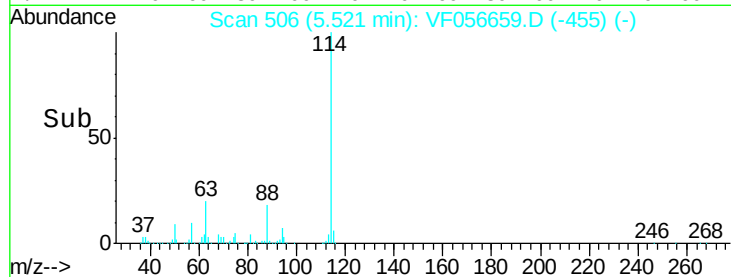
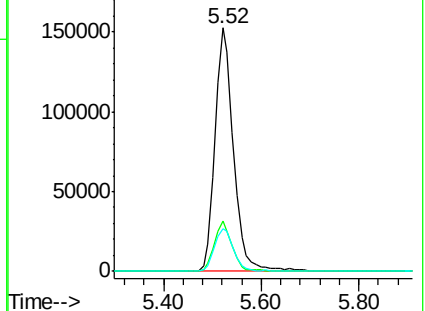
88 17.6 0.0 37.8



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: 31.53 ug/l

RT: 4.03 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF056659.D

Acq: 23 Feb 2018 16:34

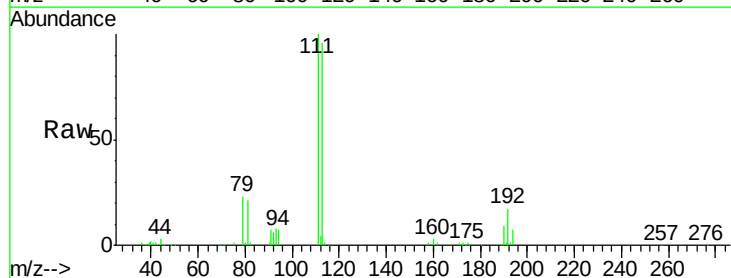
Tgt Ion:113 Resp: 95626

Ion Ratio Lower Upper

113 100

111 103.8 79.1 118.7

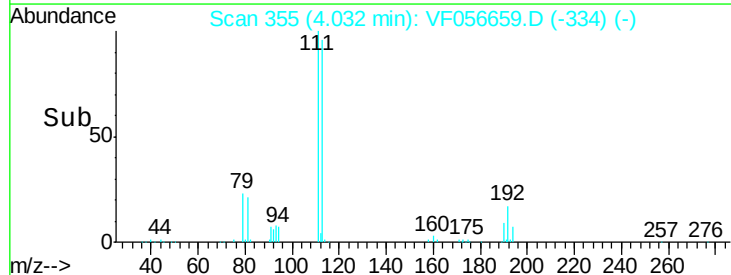
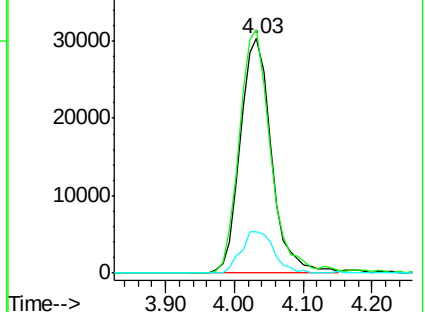
192 17.7 13.9 20.9

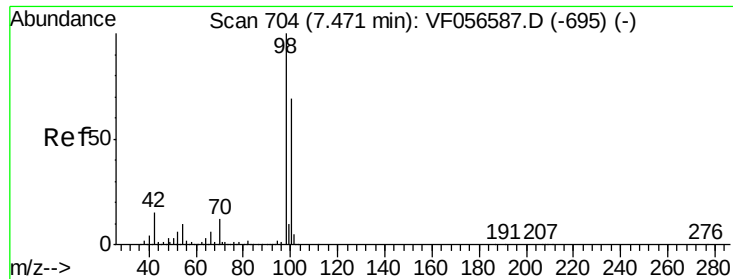


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

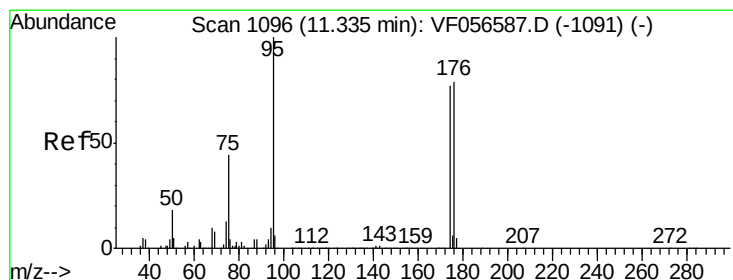
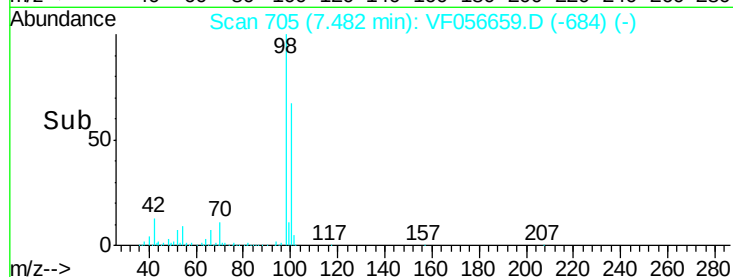
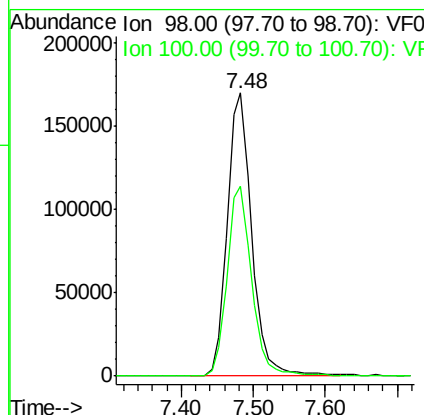
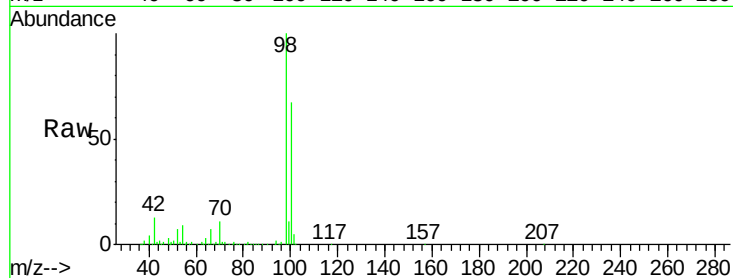




#50
Toluene-d8
Concen: 44.04 ug/l
RT: 7.48 min Scan# 705
Delta R.T. 0.01 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

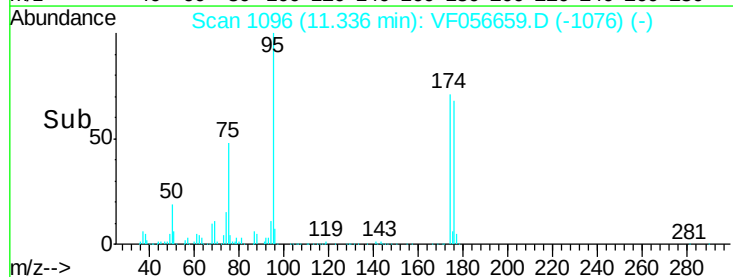
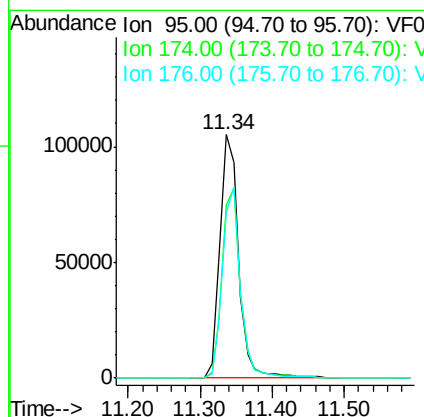
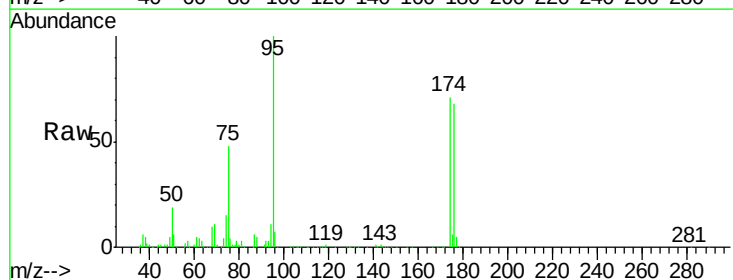
Instrument :
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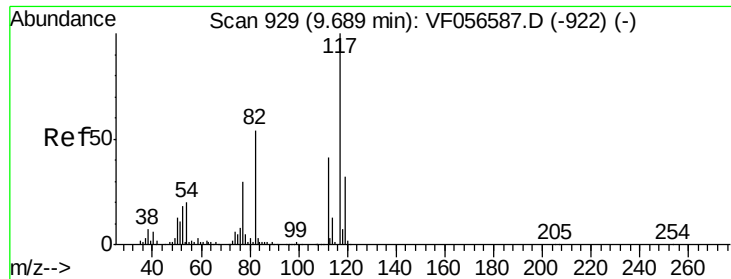
Tgt Ion: 98 Resp: 400365
Ion Ratio Lower Upper
98 100
100 67.0 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 95 Resp: 186588
Ion Ratio Lower Upper
95 100
174 71.0 0.0 154.2
176 67.9 0.0 157.2

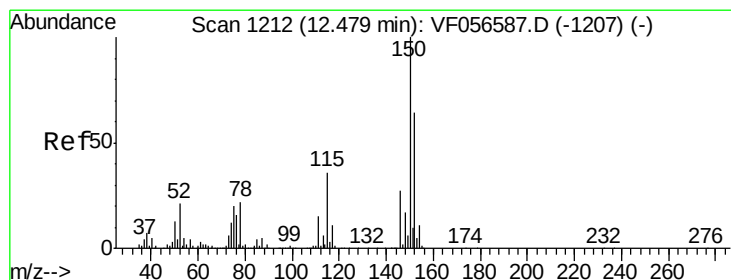
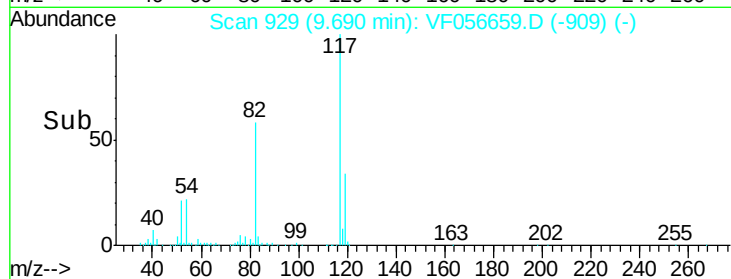
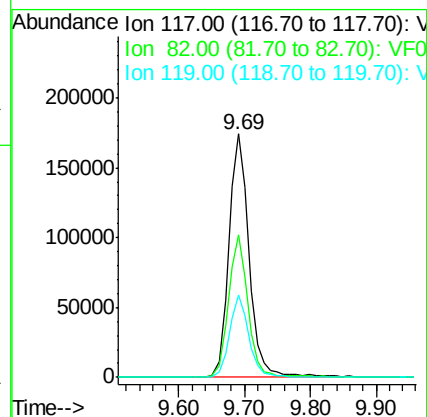
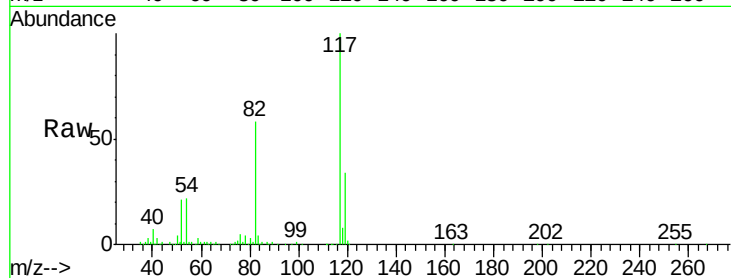




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.69 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VF056659.D
 Acq: 23 Feb 2018 16:34

Instrument :
 MSVOA_F
 ClientSampleId :
 2-2-DENSE-GRADE-AGG-RCA

Tgt Ion:117 Resp: 375414
 Ion Ratio Lower Upper
 117 100
 82 58.3 43.0 64.6
 119 33.8 25.5 38.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.48 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: VF056659.D
 Acq: 23 Feb 2018 16:34

Tgt Ion:152 Resp: 198365
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.1 84.3
 150 155.5 0.0 315.6

