

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056657.D
 Acq On : 23 Feb 2018 15:39
 Operator : JC/SY
 Sample : J1638-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 3-4-DENSE-GRADE-AGG-RCA

Quant Time: Feb 24 01:04:22 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	445059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	668525	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	651300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	344970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.76	65	251995	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
35) Dibromofluoromethane	4.03	113	245658	48.86	ug/l	0.01
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	7.47	98	687818	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	11.34	95	341506	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	

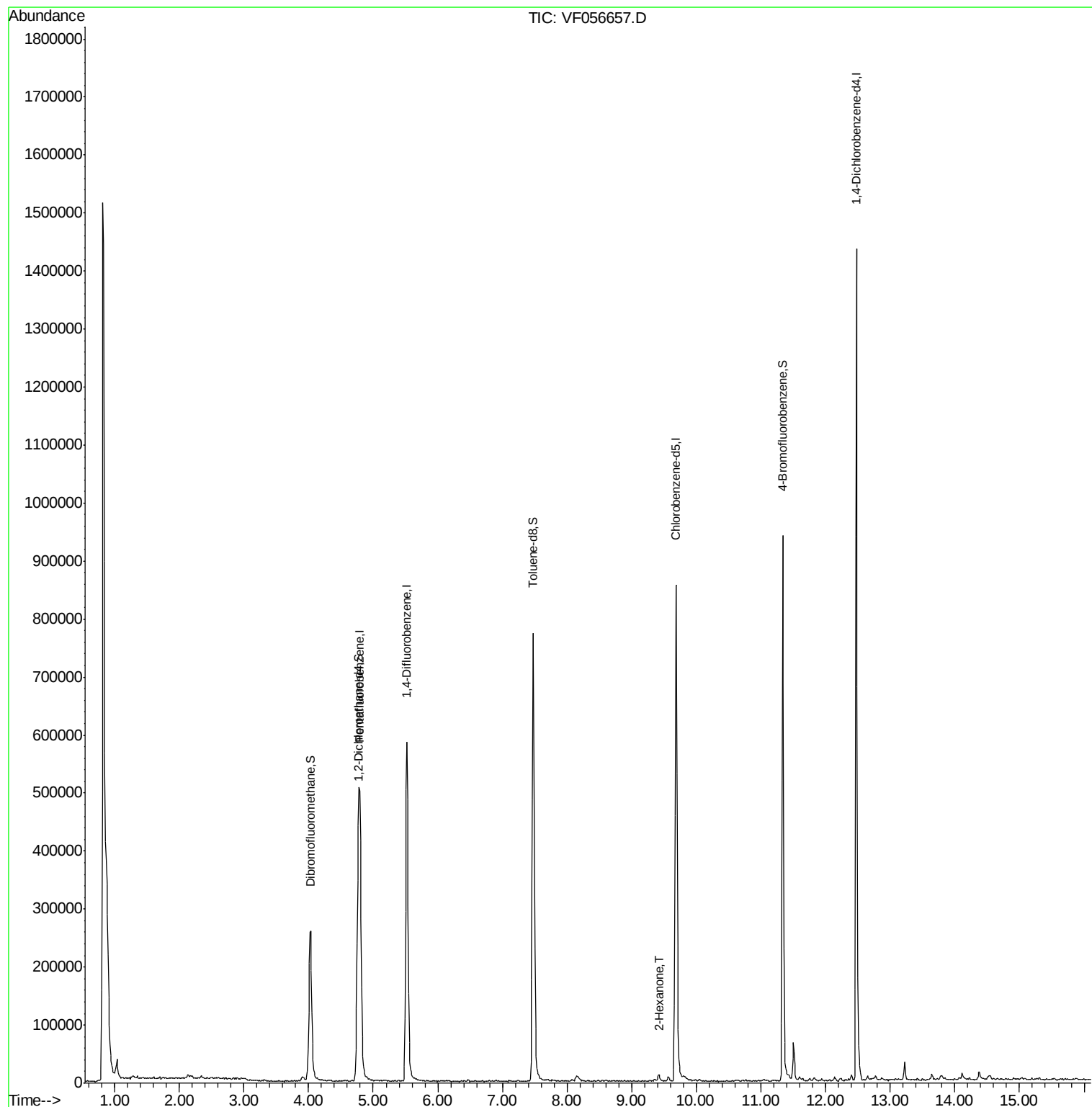
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
59) 2-Hexanone	9.42	43	10068	2.63	ug/l	94

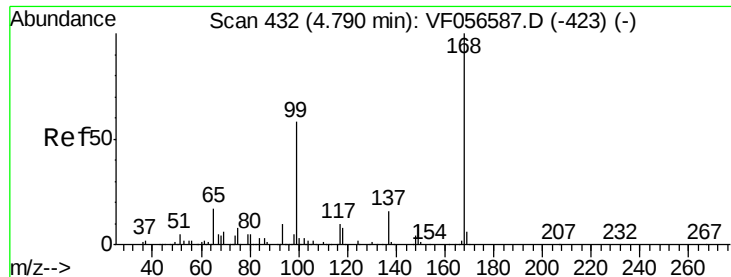
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF056657.D

Acq: 23 Feb 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

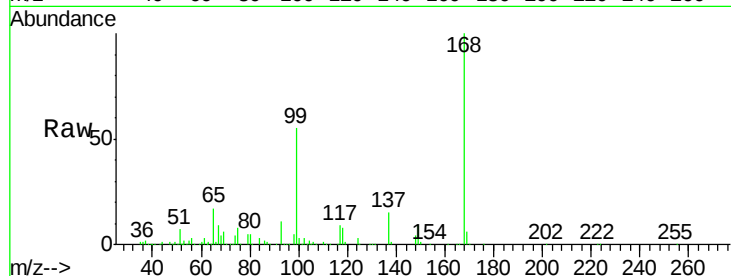
3-4-DENSE-GRADE-AGG-RCA

Tgt Ion:168 Resp: 445059

Ion Ratio Lower Upper

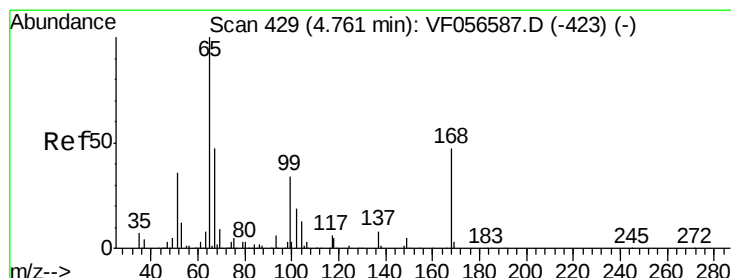
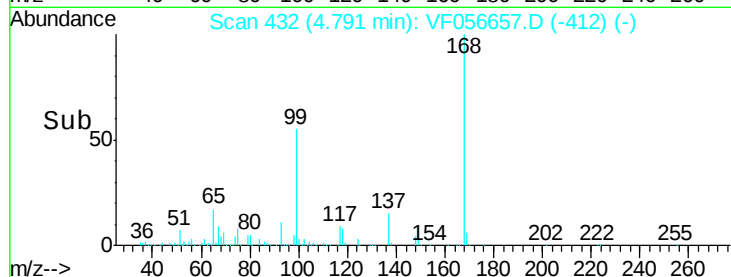
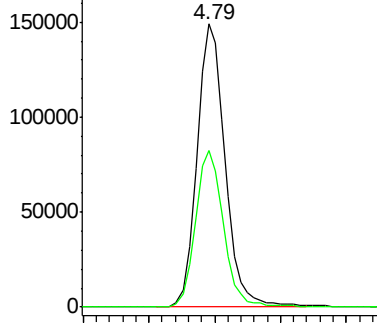
168 100

99 55.4 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: 46.84 ug/l

RT: 4.76 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF056657.D

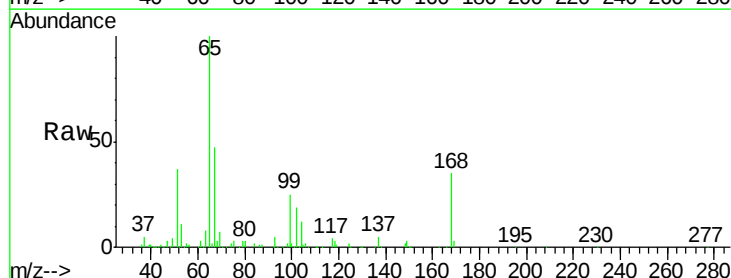
Acq: 23 Feb 2018 15:39

Tgt Ion: 65 Resp: 251995

Ion Ratio Lower Upper

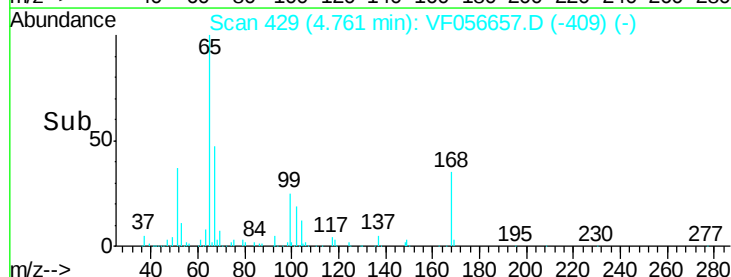
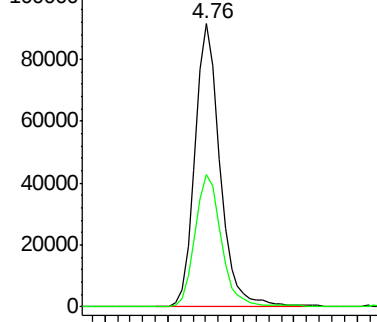
65 100

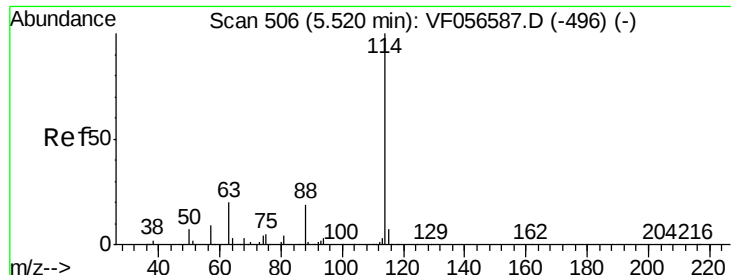
67 46.9 0.0 103.0



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: VF056657.D

Acq: 23 Feb 2018 15:39

Instrument :

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ClientSampleId :

3-4-DENSE-GRADE-AGG-RCA

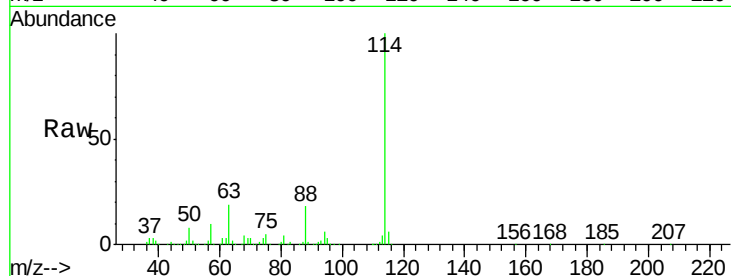
Tgt Ion:114 Resp: 668525

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.6

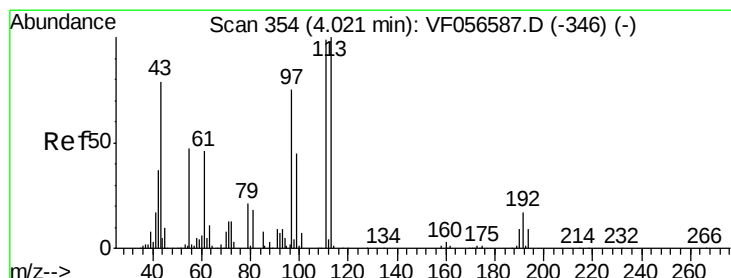
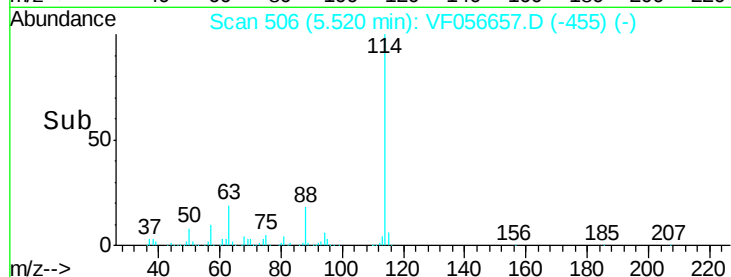
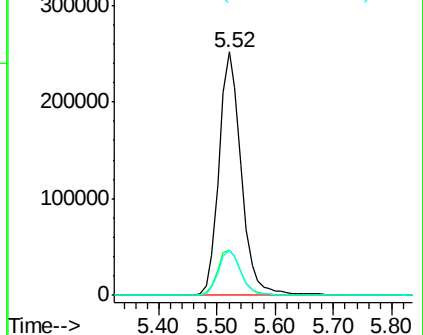
88 18.4 0.0 37.8



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: 48.86 ug/l

RT: 4.03 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF056657.D

Acq: 23 Feb 2018 15:39

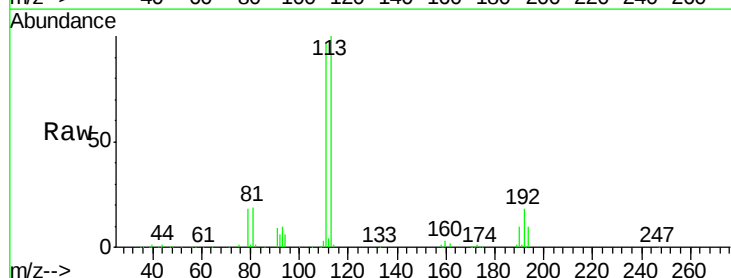
Tgt Ion:113 Resp: 245658

Ion Ratio Lower Upper

113 100

111 97.4 79.1 118.7

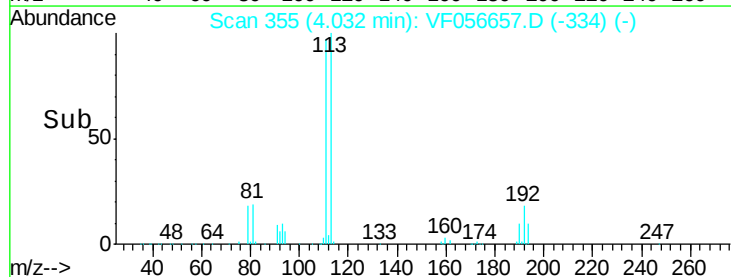
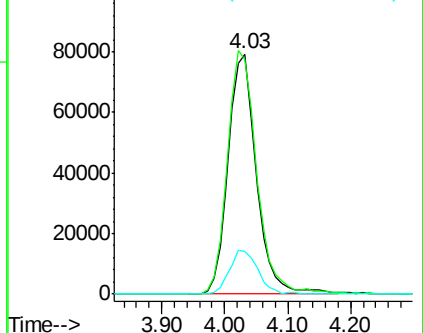
192 18.0 13.9 20.9

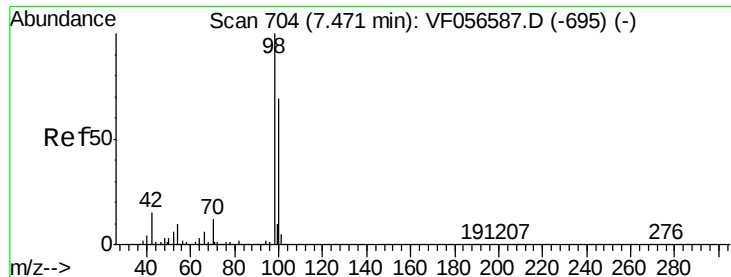


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

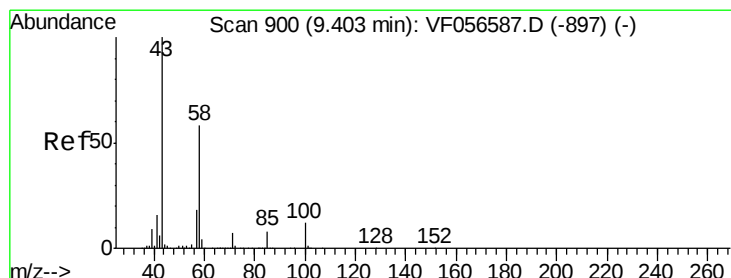
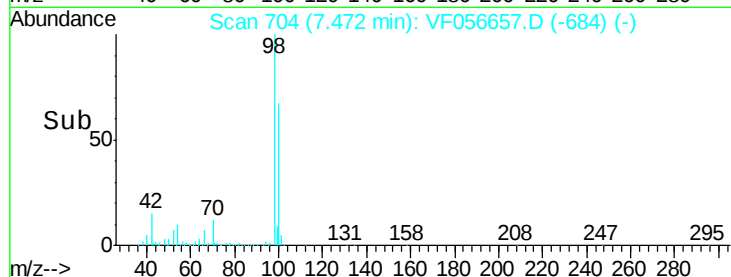
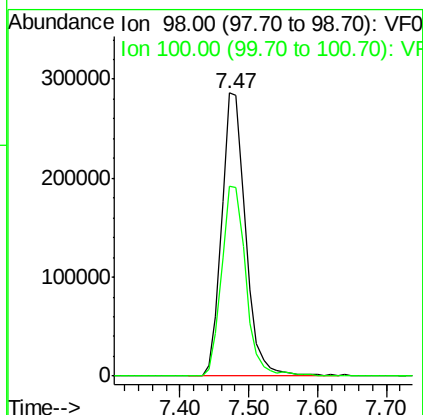
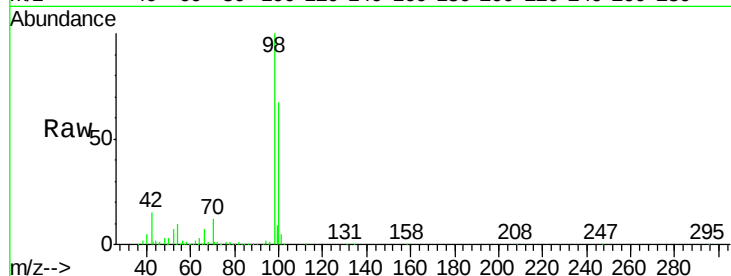




#50
Toluene-d8
Concen: 45.64 ug/l
RT: 7.47 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF056657.D
Acq: 23 Feb 2018 15:39

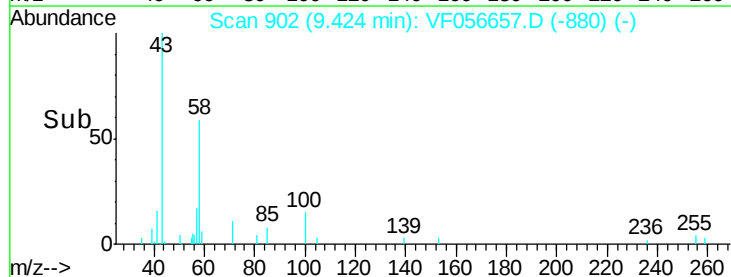
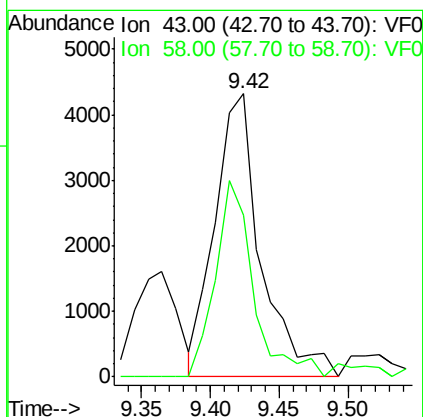
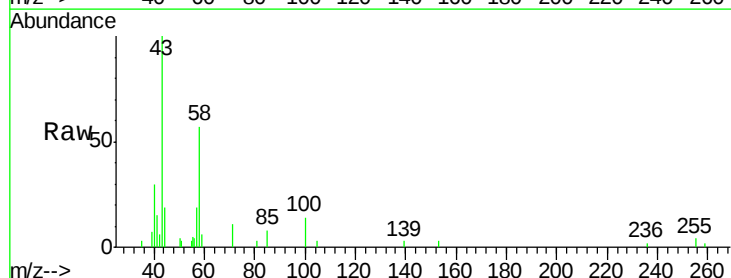
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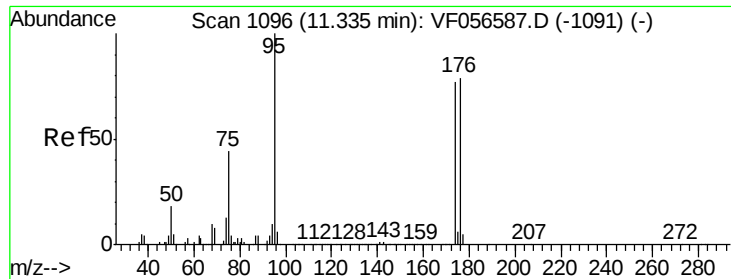
Tgt Ion: 98 Resp: 687818
Ion Ratio Lower Upper
98 100
100 67.1 55.4 83.0



#59
2-Hexanone
Concen: 2.63 ug/l
RT: 9.42 min Scan# 902
Delta R.T. 0.02 min
Lab File: VF056657.D
Acq: 23 Feb 2018 15:39

Tgt Ion: 43 Resp: 10068
Ion Ratio Lower Upper
43 100
58 57.1 26.6 79.7





#62

4-Bromofluorobenzene

Concen: 49.81 ug/l

RT: 11.34 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VF056657.D

Acq: 23 Feb 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

3-4-DENSE-GRADE-AGG-RCA

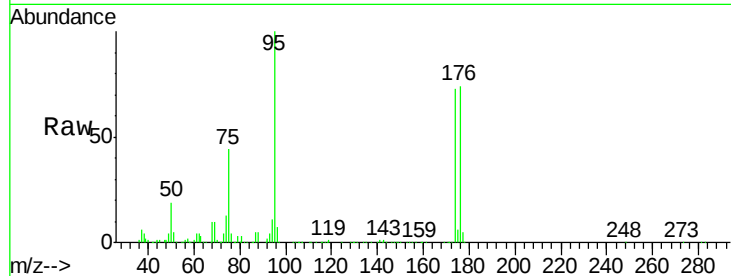
Tgt Ion: 95 Resp: 341506

Ion Ratio Lower Upper

95 100

174 72.7 0.0 154.2

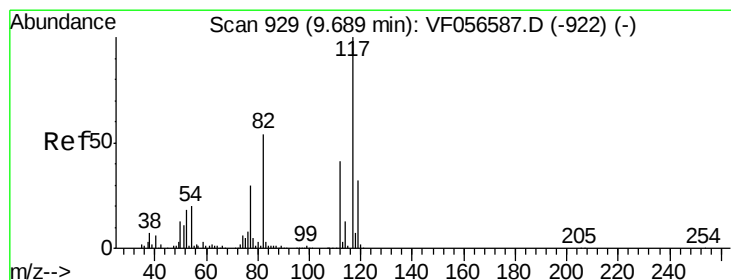
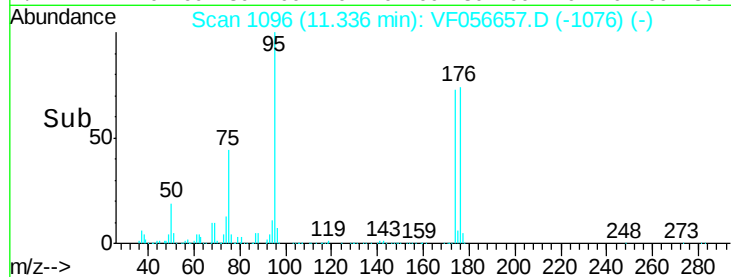
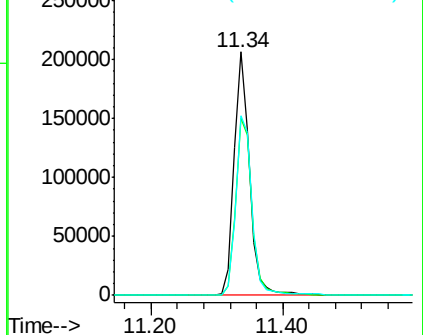
176 73.5 0.0 157.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.69 min Scan# 929

Delta R.T. 0.00 min

Lab File: VF056657.D

Acq: 23 Feb 2018 15:39

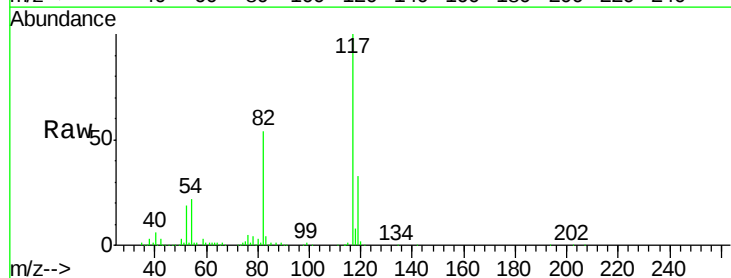
Tgt Ion: 117 Resp: 651300

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.6

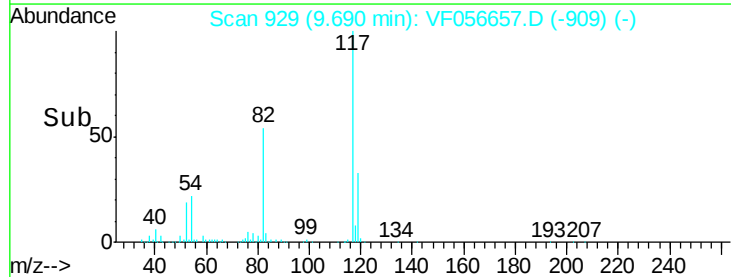
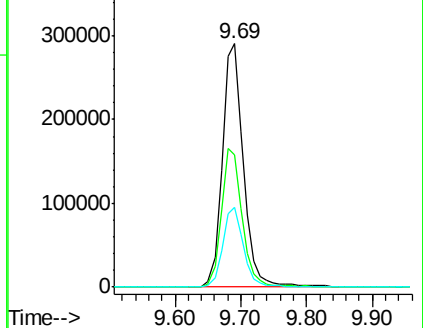
119 32.7 25.5 38.3

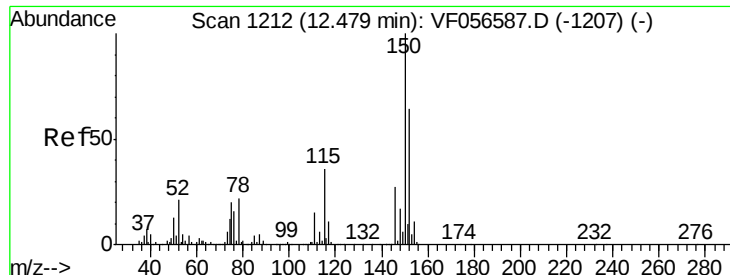


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.48 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VF056657.D

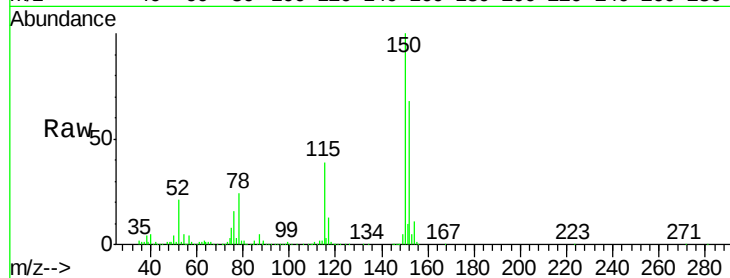
Acq: 23 Feb 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

3-4-DENSE-GRADE-AGG-RCA



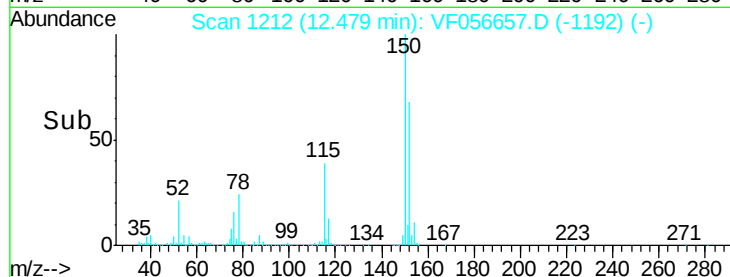
Tgt Ion:152 Resp: 344970

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 147.4 0.0 315.6



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

