

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059919.D
 Acq On : 7 Aug 2018 13:30
 Operator : VA/AP
 Sample : J4335-01RE
 Misc : 5.09g/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CINNAMINSON-8-3-18RE

Quant Time: Aug 07 15:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	232135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	351676	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	299707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	164627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	140744	33.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.26%	
35) Dibromofluoromethane	4.30	113	118924	33.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.98%	
50) Toluene-d8	7.72	98	234190	31.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.92%	
62) 4-Bromofluorobenzene	11.51	95	114581	27.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.78%	

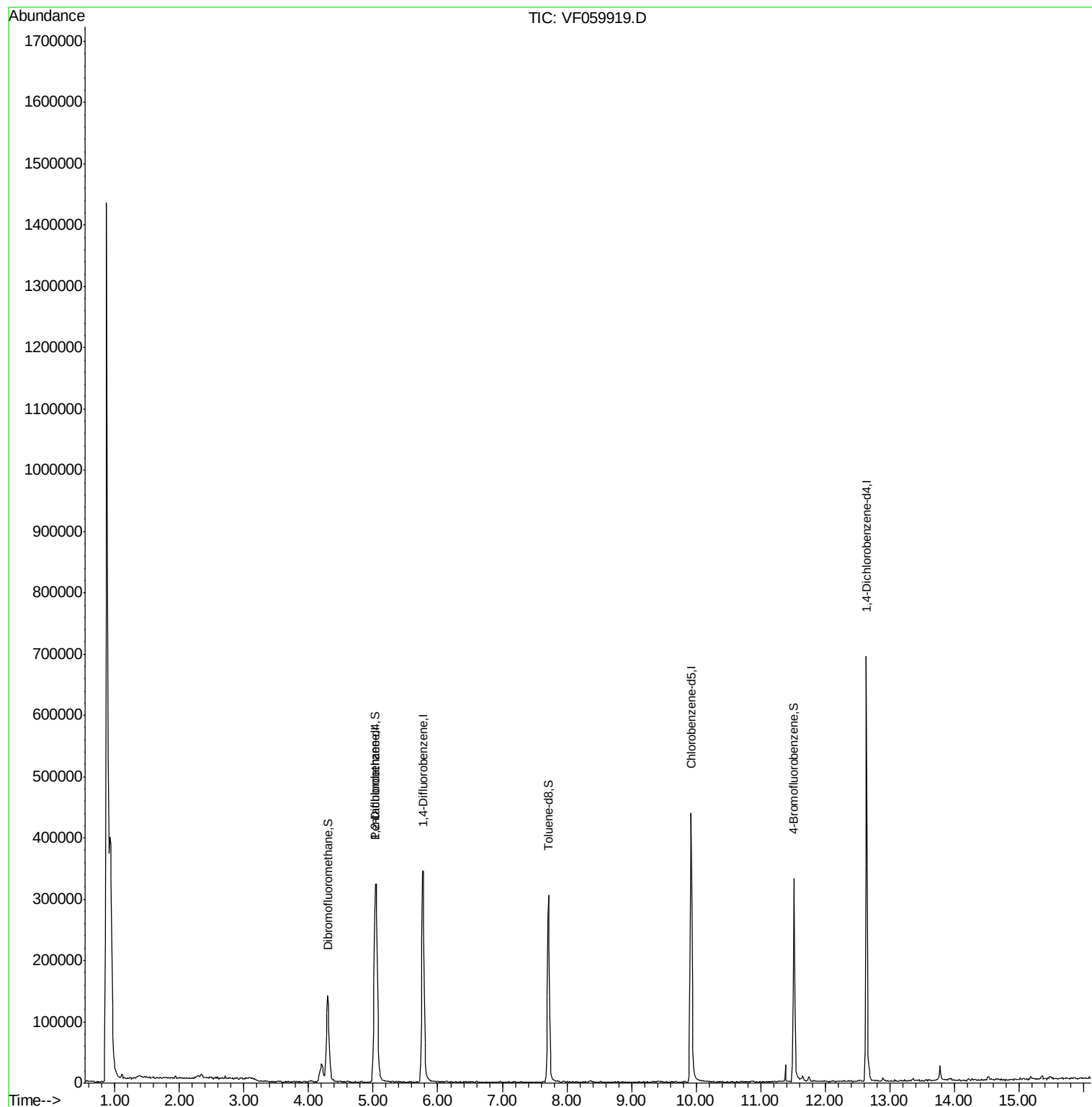
Target Compounds	Qvalue

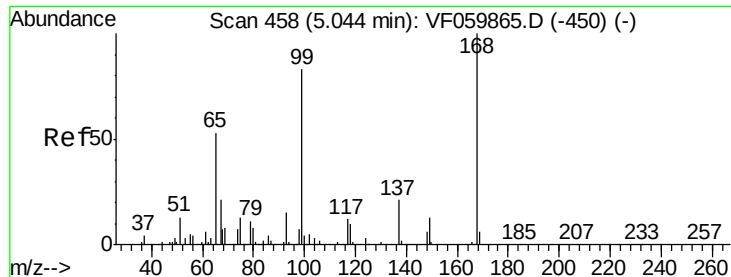
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059919.D

Acq: 7 Aug 2018 13:30

Instrument :

MSVOA_F

ClientSampleId :

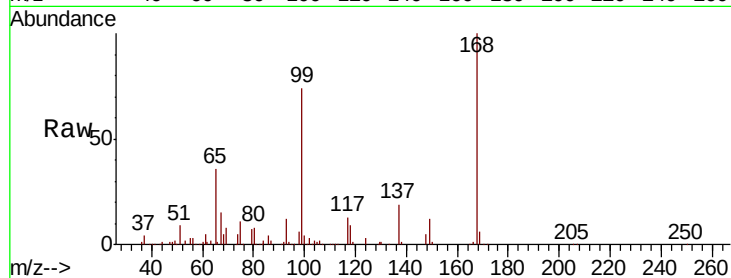
CINNAMINSON-8-3-18RE

Tot Ion:168 Resp: 232135

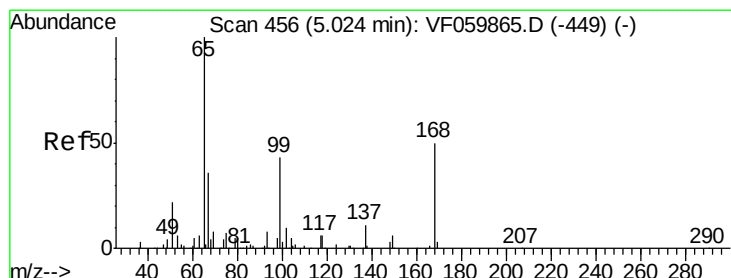
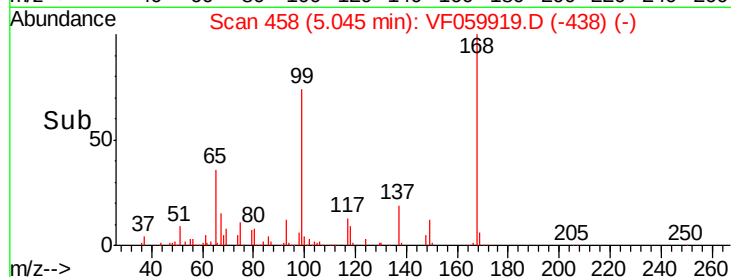
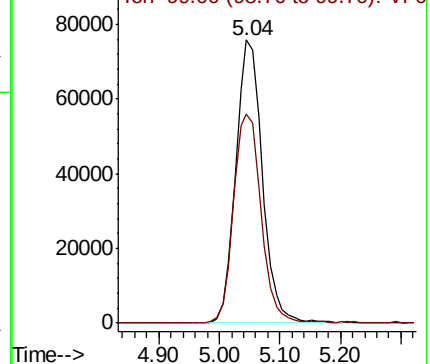
Ion Ratio Lower Upper

168 100

99 73.9 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 33.63 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059919.D

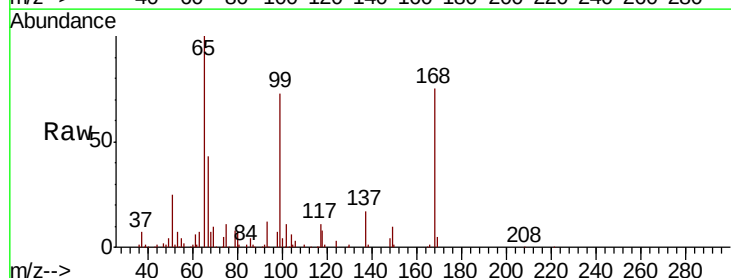
Acq: 7 Aug 2018 13:30

Tgt Ion: 65 Resp: 140744

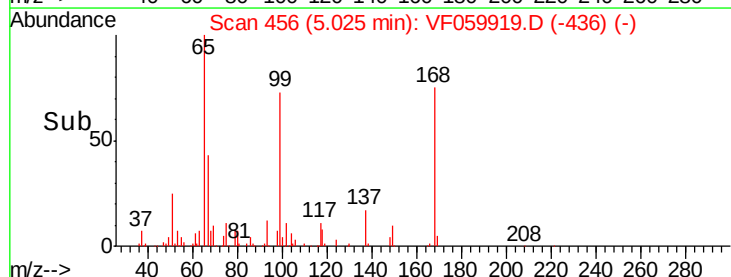
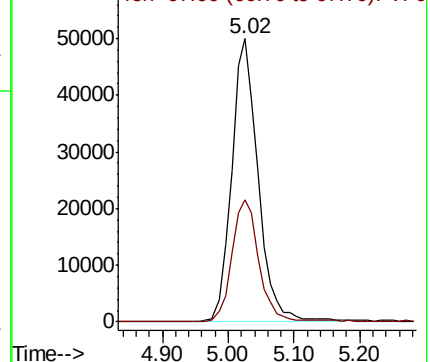
Ion Ratio Lower Upper

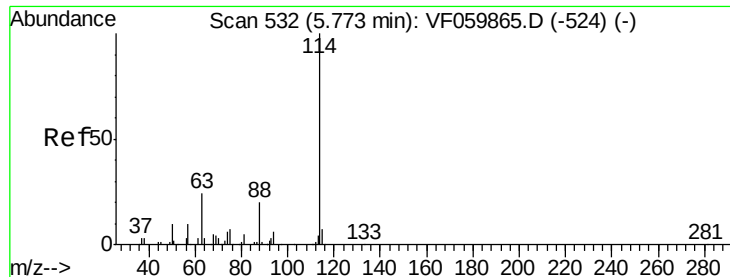
65 100

67 43.1 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

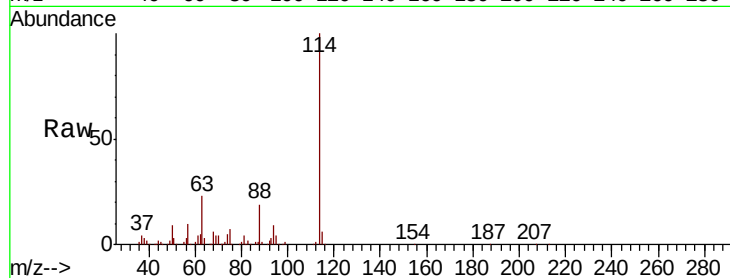




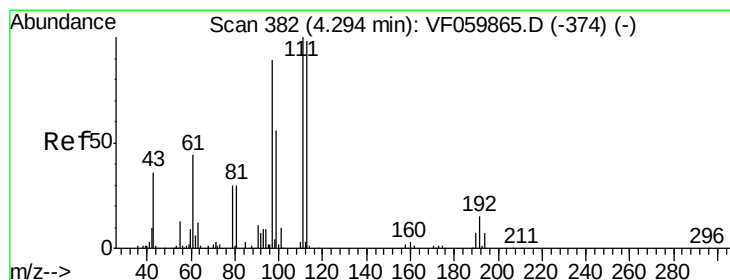
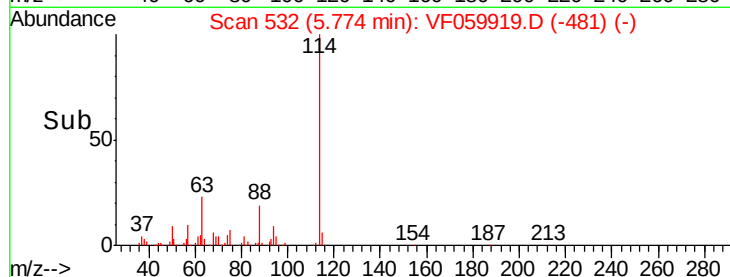
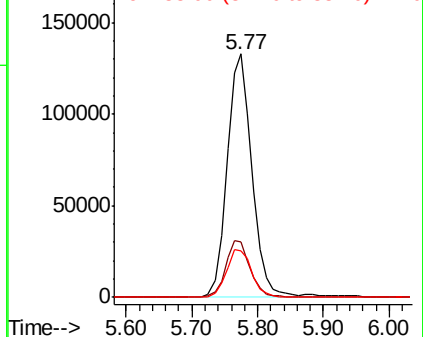
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059919.D
Acq: 7 Aug 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
CINNAMINSON-8-3-18RE

Tot Ion:114 Resp: 351676
Ion Ratio Lower Upper
114 100
63 22.6 0.0 48.0
88 19.0 0.0 39.4

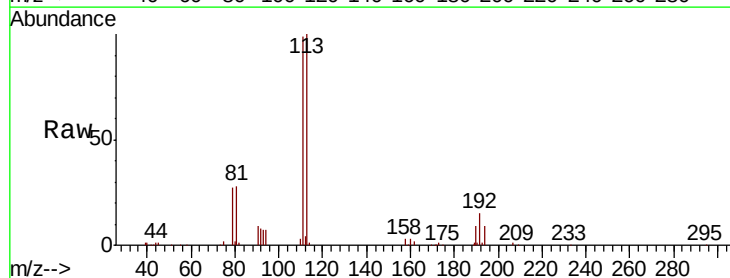


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

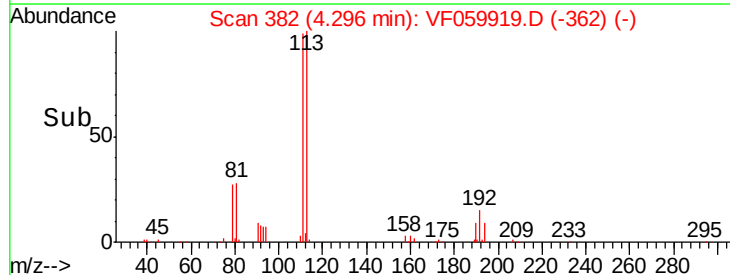
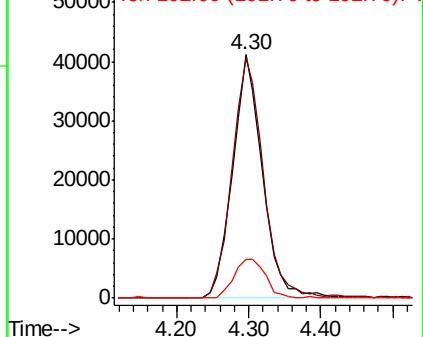


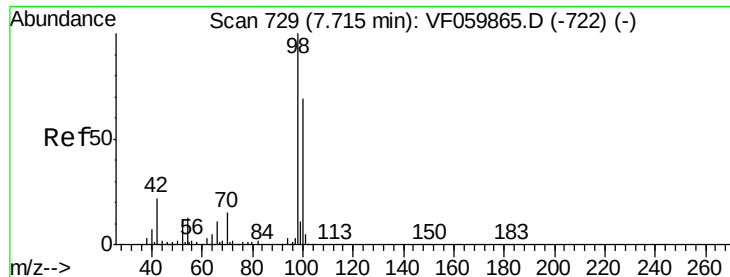
#35
Dibromofluoromethane
Concen: 33.99 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059919.D
Acq: 7 Aug 2018 13:30

Tgt Ion:113 Resp: 118924
Ion Ratio Lower Upper
113 100
111 98.6 81.8 122.8
192 15.8 12.4 18.6



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: 31.46 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059919.D

Acq: 7 Aug 2018 13:30

Instrument :

MSVOA_F

ClientSampleId :

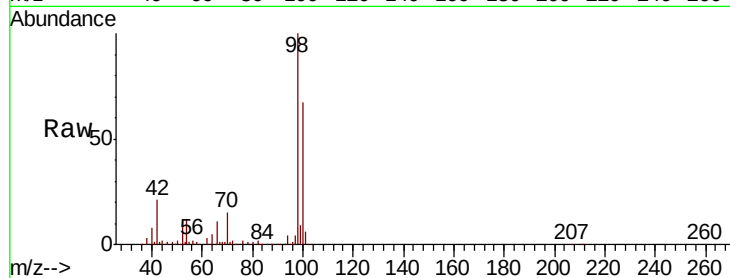
CINNAMINSON-8-3-18RE

Tot Ion: 98 Resp: 234190

Ion Ratio Lower Upper

98 100

100 66.7 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.72

100000

80000

60000

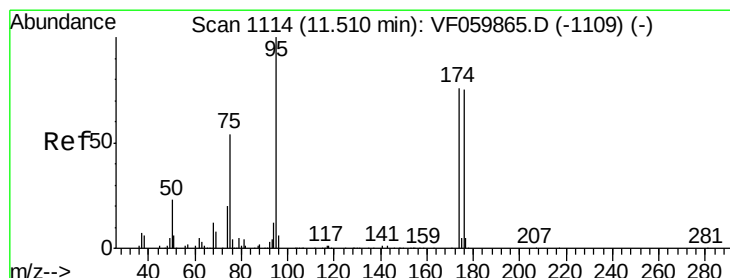
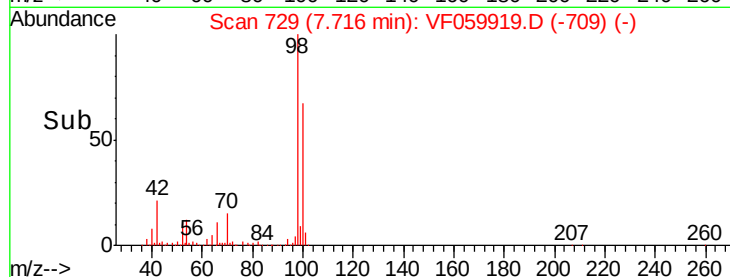
40000

20000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 27.39 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059919.D

Acq: 7 Aug 2018 13:30

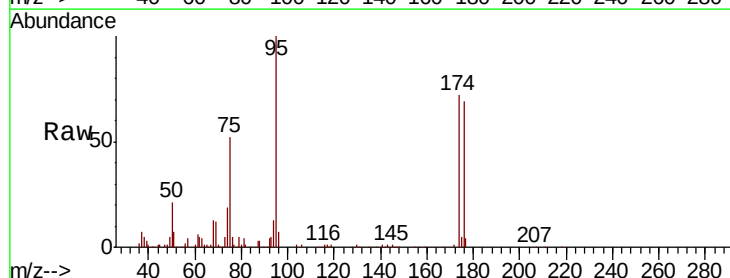
Tgt Ion: 95 Resp: 114581

Ion Ratio Lower Upper

95 100

174 72.0 0.0 151.6

176 69.1 0.0 149.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.51

80000

60000

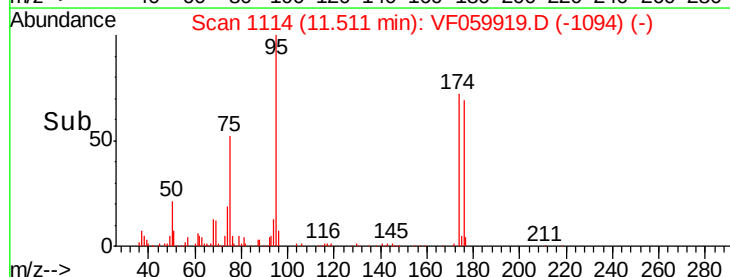
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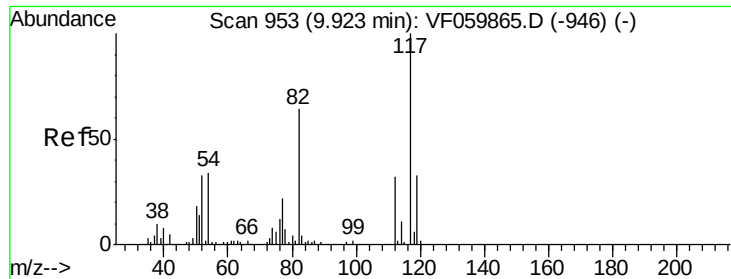
20000

0

Time-->

11.40 11.50 11.60 11.70

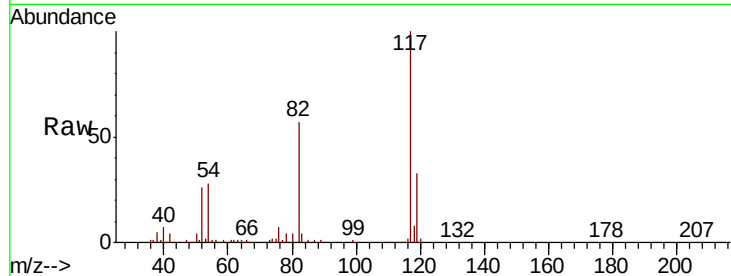




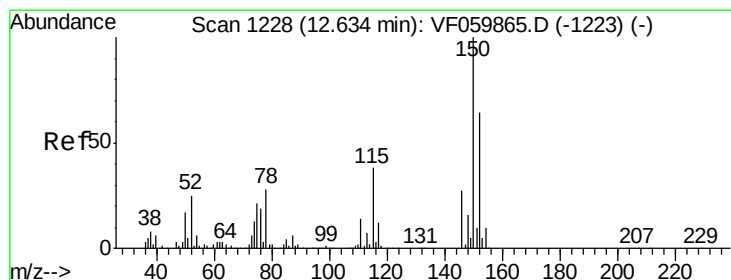
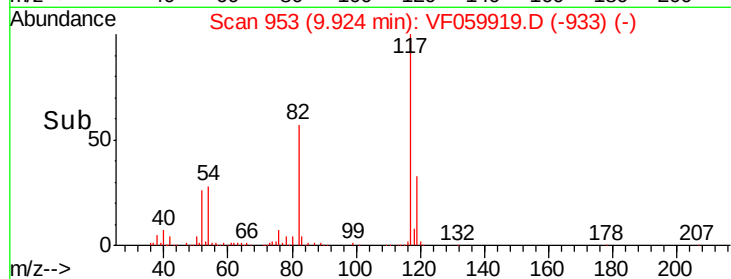
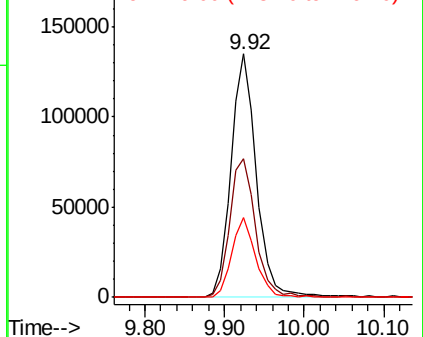
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059919.D
Acq: 7 Aug 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
CINNAMINSON-8-3-18RE

Tot Ion:117 Resp: 299707
Ion Ratio Lower Upper
117 100
82 57.0 51.3 76.9
119 32.5 26.4 39.6

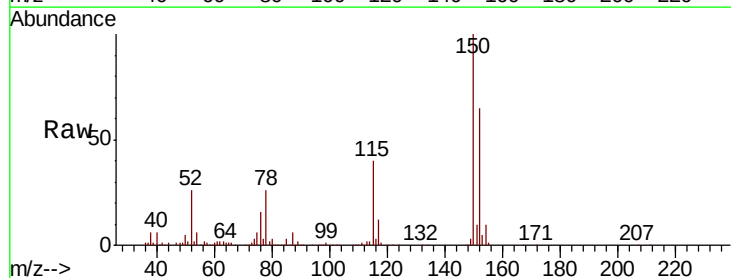


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059919.D
Acq: 7 Aug 2018 13:30

Tgt Ion:152 Resp: 164627
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.4
150 153.3 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

