

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059902.D
 Acq On : 7 Aug 2018 3:30
 Operator : VA/AP
 Sample : J4335-01
 Misc : 4.91g/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 07 04:45:12 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	5.05	168	150161	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	222969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	191787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	104625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	127995	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
35) Dibromofluoromethane	4.29	113	100696	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	7.72	98	162153	34.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.70%	
62) 4-Bromofluorobenzene	11.52	95	84062	31.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	63.38%	

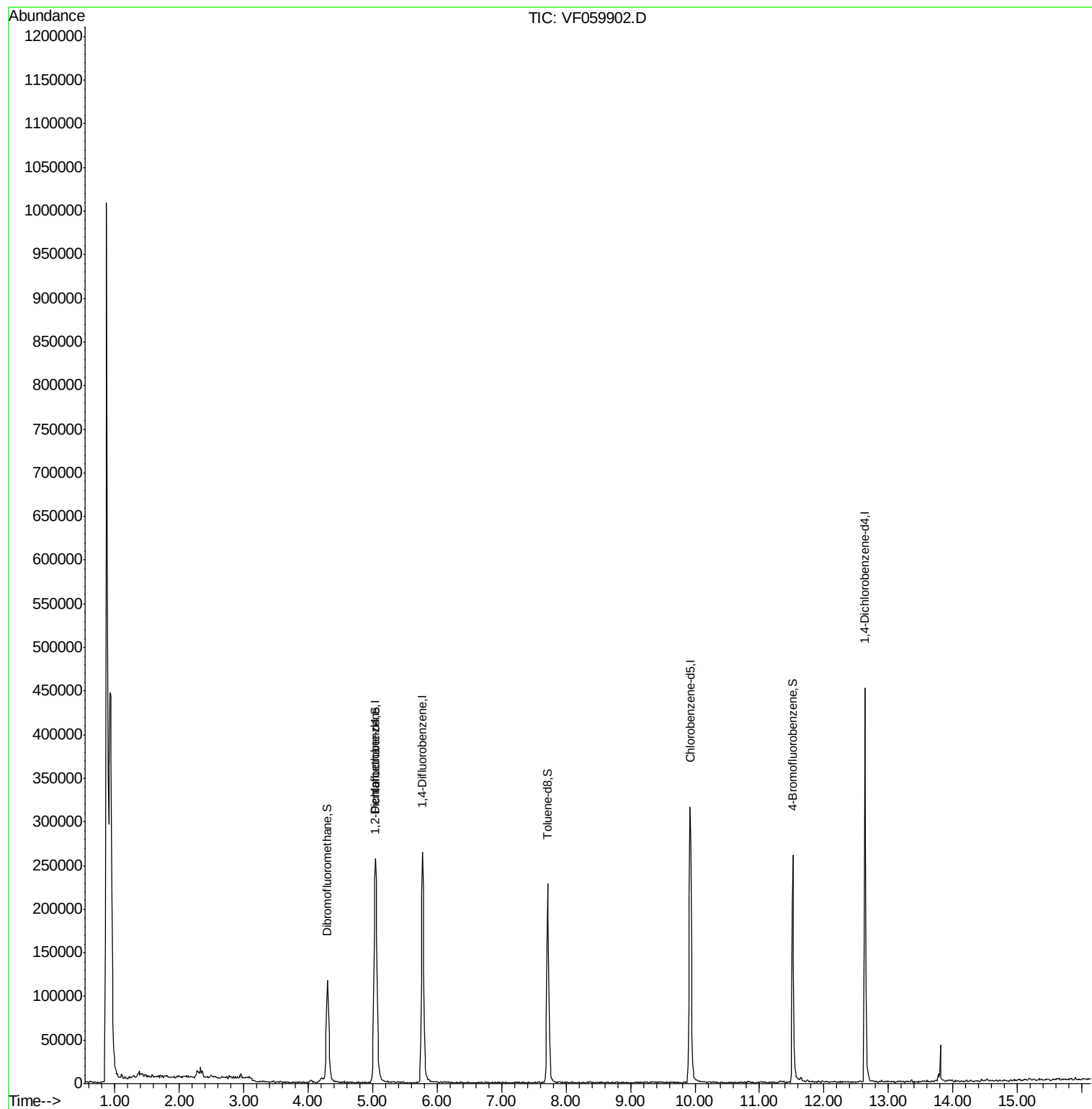
Target Compounds	Qvalue
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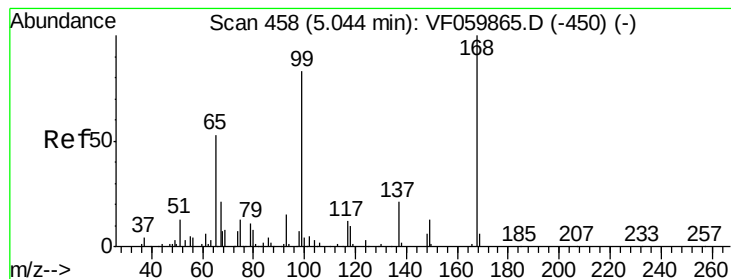
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 459

Delta R.T. 0.01 min

Lab File: VF059902.D

Acq: 7 Aug 2018 3:30

Instrument :

MSVOA_F

ClientSampleId :

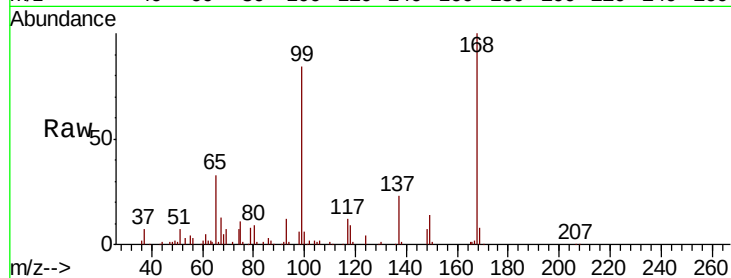
CINNAMINSON-8-3-18

Tot Ion:168 Resp: 150161

Ion Ratio Lower Upper

168 100

99 84.2 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

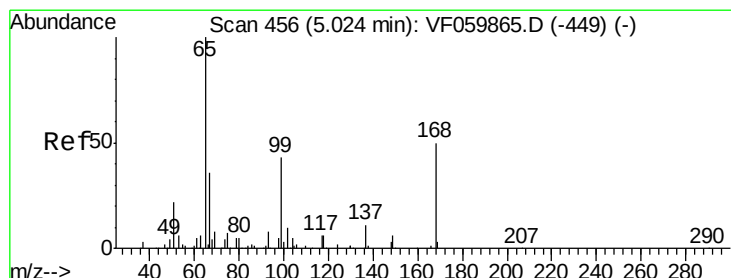
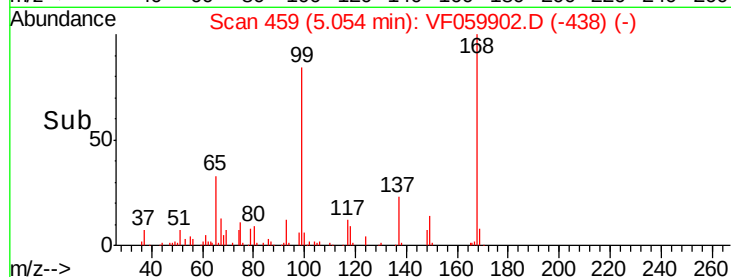
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 47.28 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059902.D

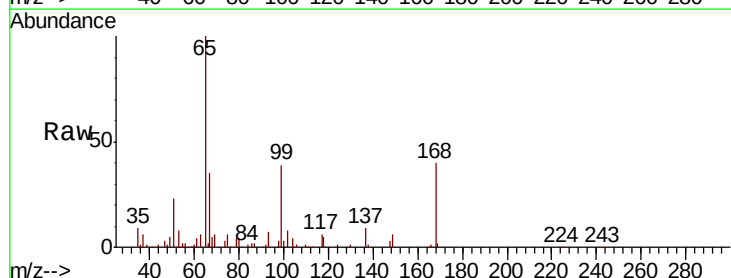
Acq: 7 Aug 2018 3:30

Tgt Ion: 65 Resp: 127995

Ion Ratio Lower Upper

65 100

67 35.1 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

50000

40000

30000

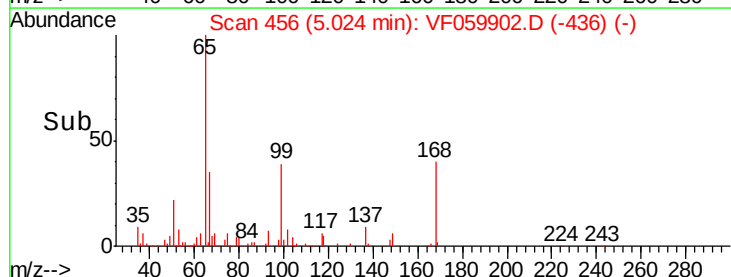
20000

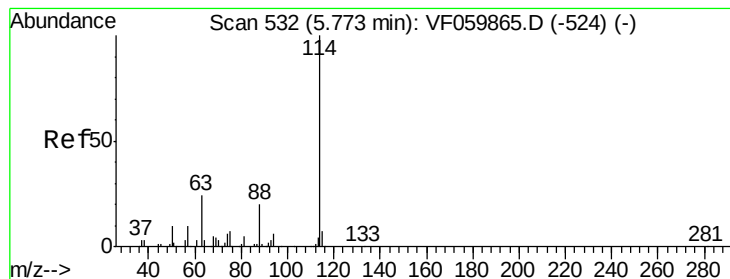
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059902.D

Acq: 7 Aug 2018 3:30

Instrument :

MSVOA_F

ClientSampleId :

CINNAMINSON-8-3-18

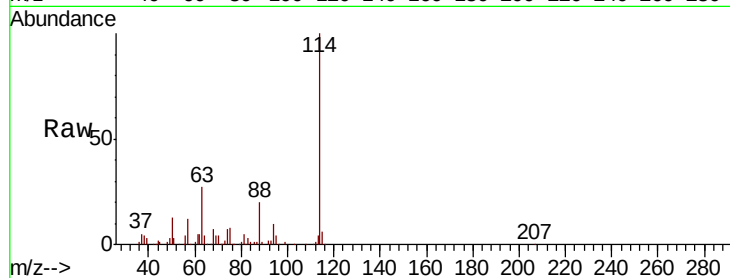
Tot Ion:114 Resp: 222969

Ion Ratio Lower Upper

114 100

63 26.7 0.0 48.0

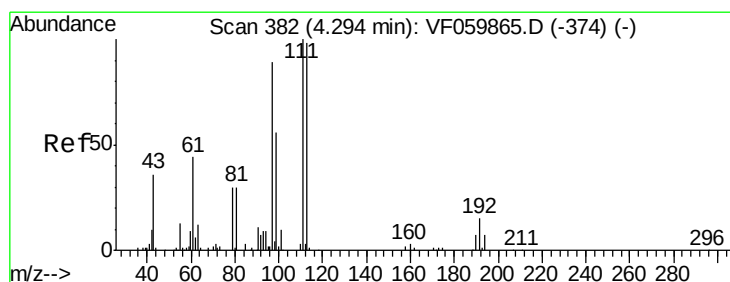
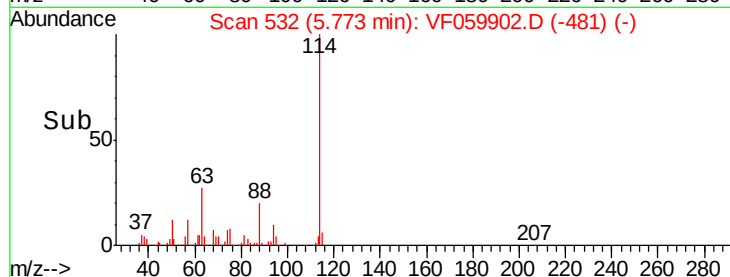
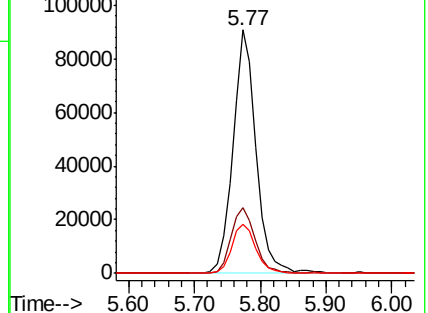
88 20.1 0.0 39.4



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: 45.39 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059902.D

Acq: 7 Aug 2018 3:30

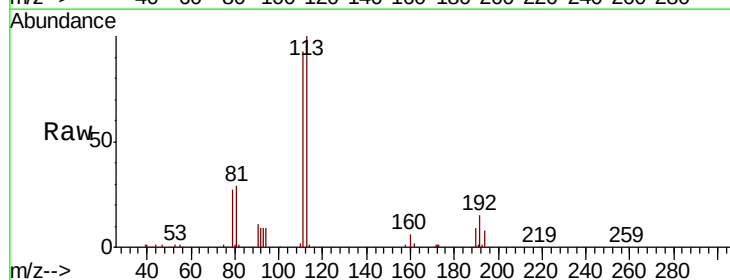
Tgt Ion:113 Resp: 100696

Ion Ratio Lower Upper

113 100

111 92.1 81.8 122.8

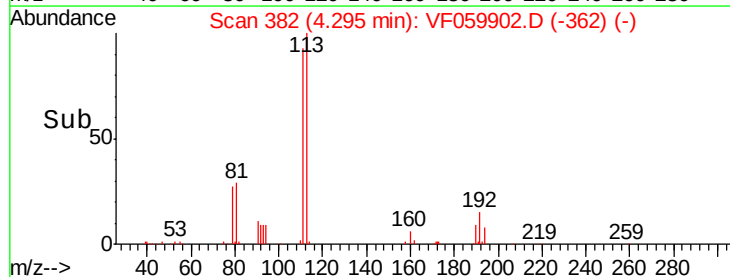
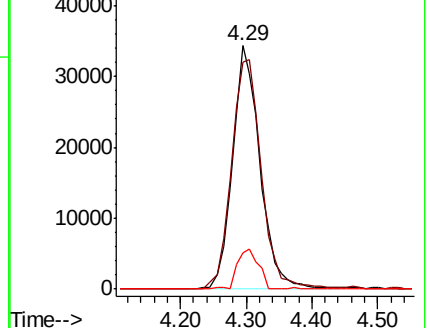
192 14.6 12.4 18.6

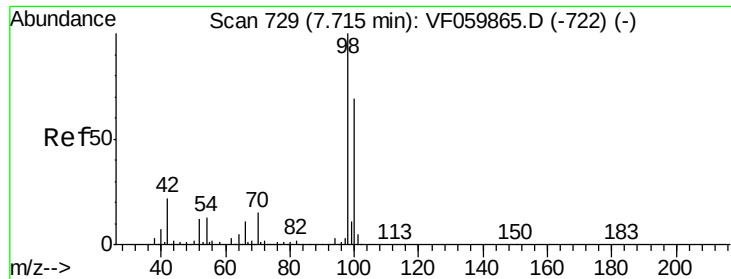


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

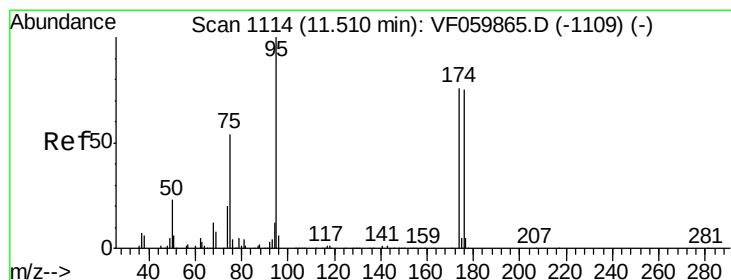
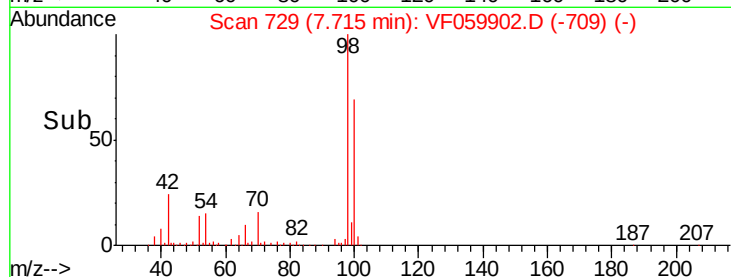
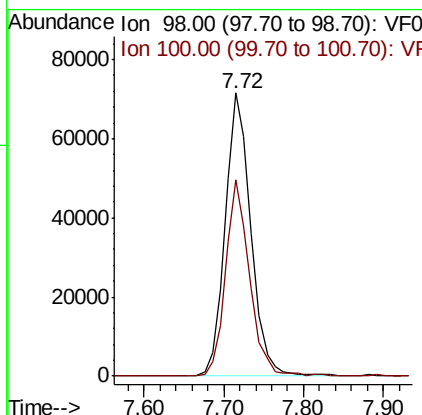
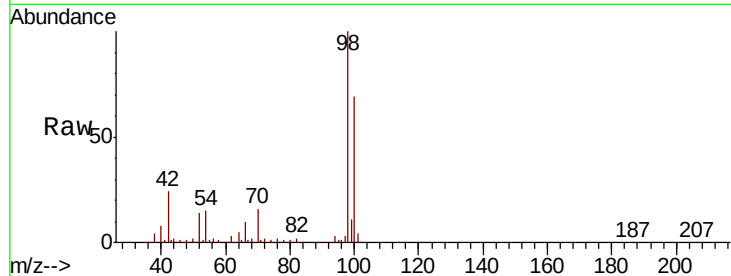




#50
Toluene-d8
Concen: 34.35 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059902.D
Acq: 7 Aug 2018 3:30

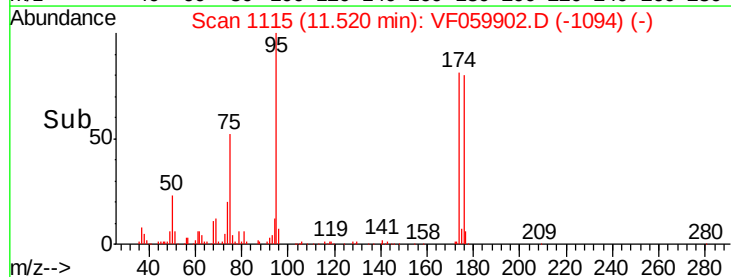
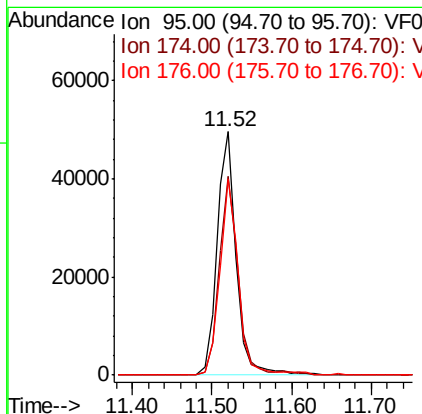
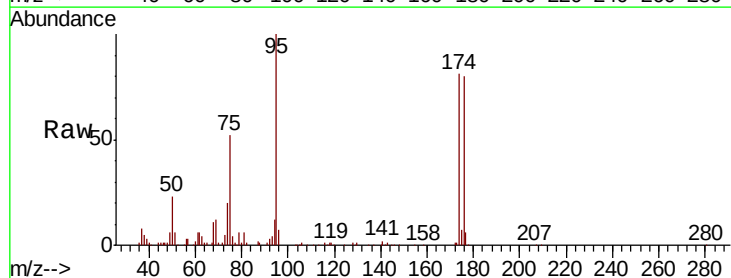
Instrument :
MSVOA_F
ClientSampleId :
CINNAMINSON-8-3-18

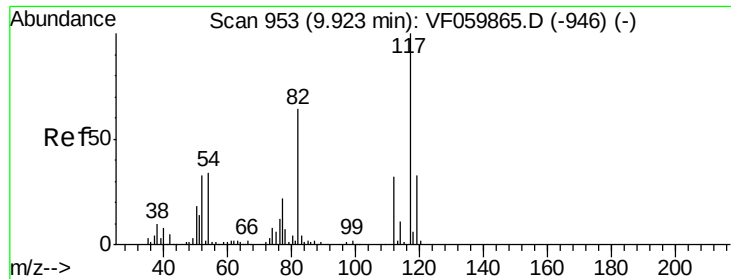
Tot Ion: 98 Resp: 162153
Ion Ratio Lower Upper
98 100
100 69.3 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 31.69 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059902.D
Acq: 7 Aug 2018 3:30

Tgt Ion: 95 Resp: 84062
Ion Ratio Lower Upper
95 100
174 81.5 0.0 151.6
176 80.4 0.0 149.8

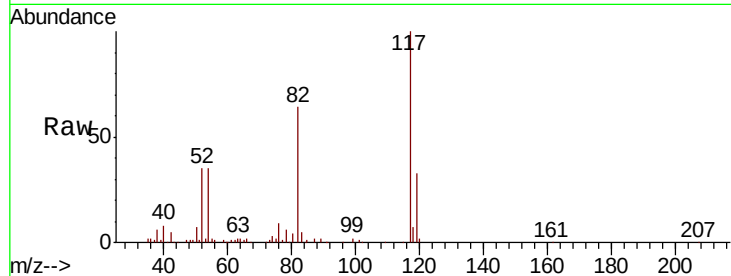




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059902.D
Acq: 7 Aug 2018 3:30

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.4	51.3	76.9
119	32.7	26.4	39.6

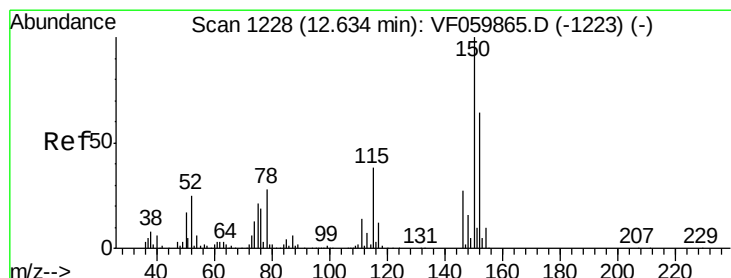
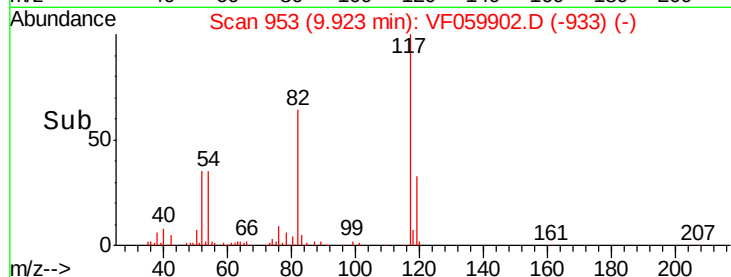
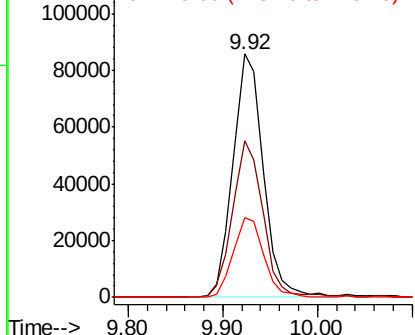


Abundance

Ion 117.00 (116.70 to 117.70): V

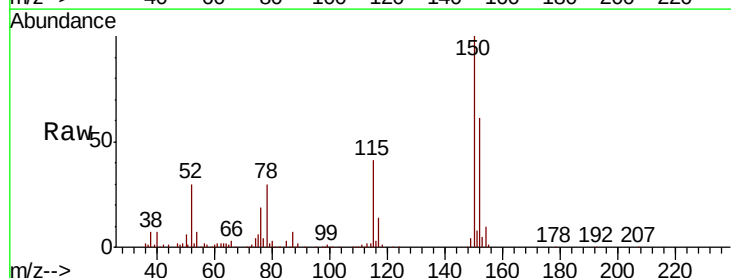
Ion 82.00 (81.70 to 82.70): VF0

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: VF059902.D
Acq: 7 Aug 2018 3:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	29.8	89.4
150	163.9	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

