

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059917.D
 Acq On : 7 Aug 2018 12:34
 Operator : VA/AP
 Sample : J4277-03RE
 Misc : 6.33g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-080318-BRE

Quant Time: Aug 07 14:15:13 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	3639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	4698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	3093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1350	20.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.16%	
35) Dibromofluoromethane	4.29	113	1517	32.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.90%	
50) Toluene-d8	7.71	98	3587	36.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.14%	
62) 4-Bromofluorobenzene	11.52	95	882	15.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.56%	

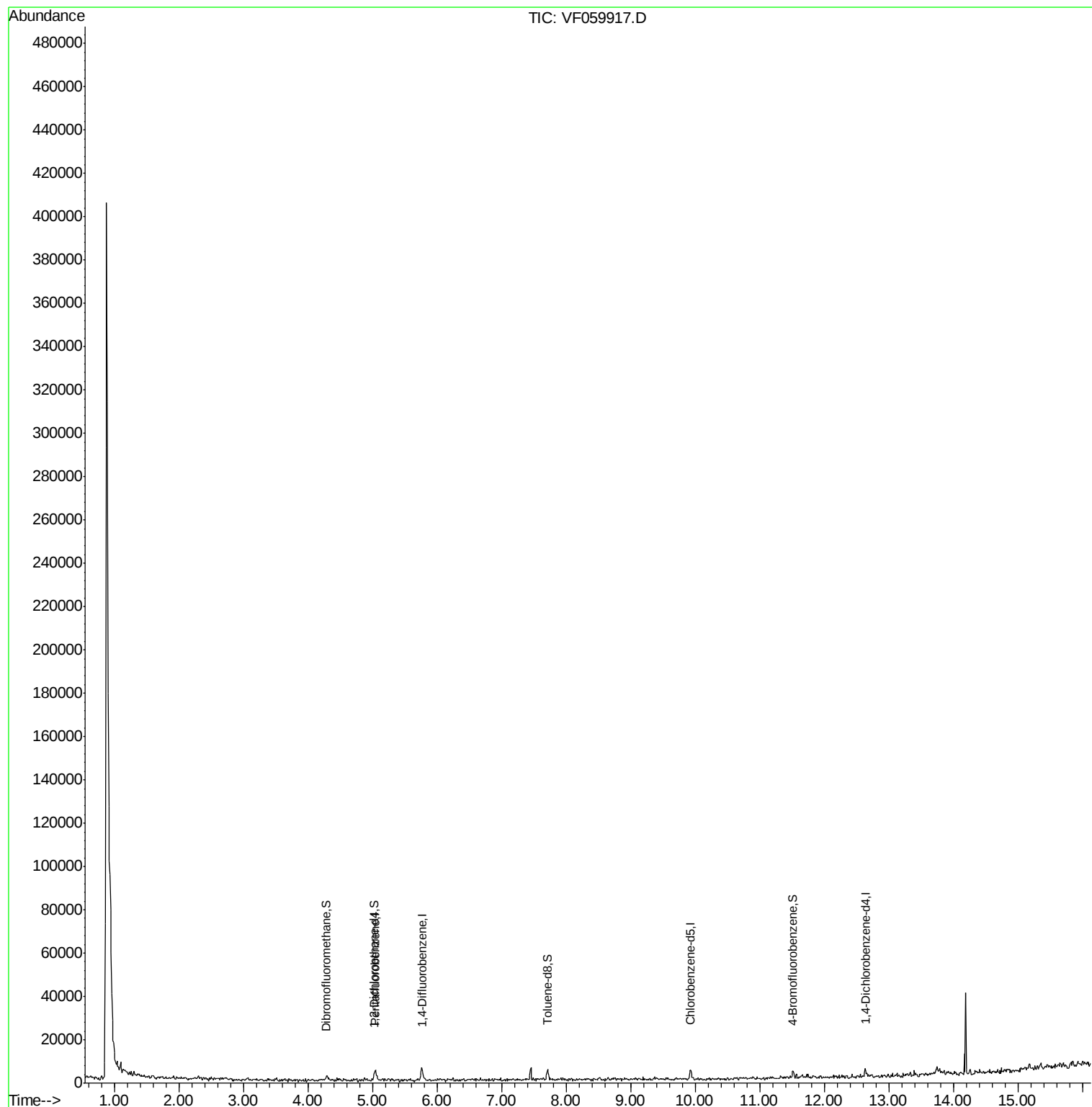
Target Compounds	Qvalue

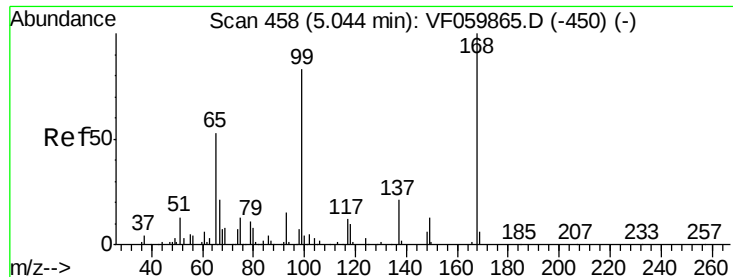
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059917.D

Acq: 7 Aug 2018 12:34

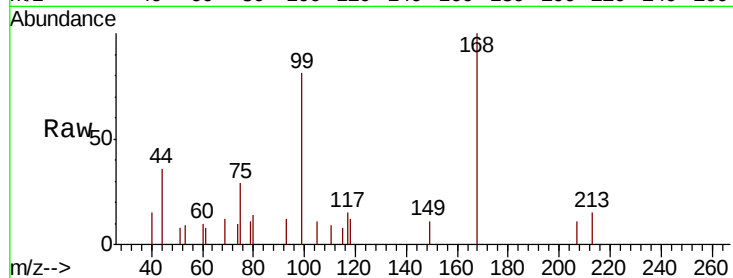
Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-BRE

Tot Ion:168 Resp: 3639

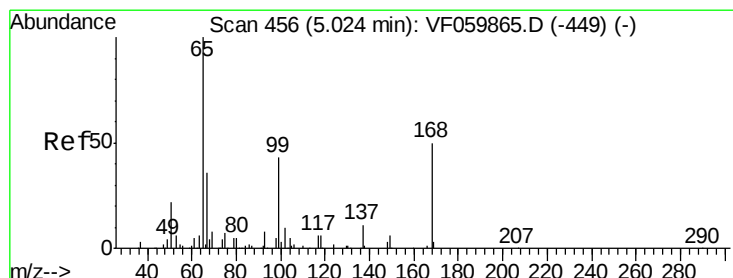
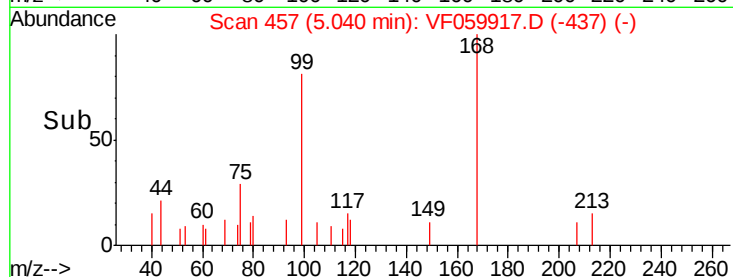
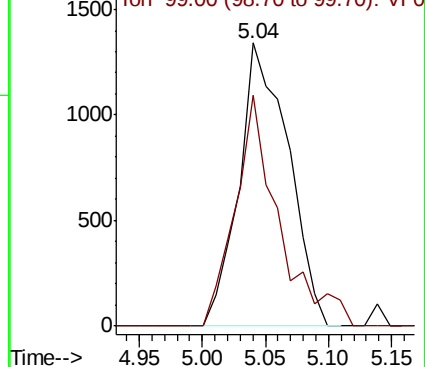
Ion Ratio Lower Upper

168 100

99 81.4 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.58 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059917.D

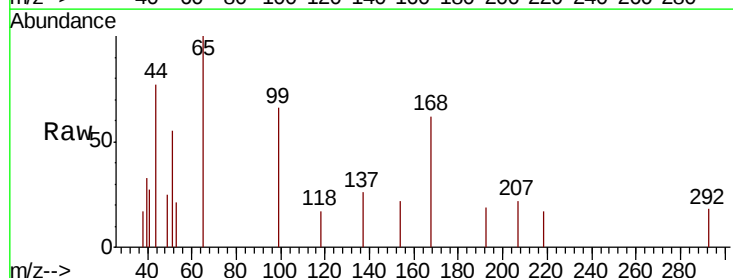
Acq: 7 Aug 2018 12:34

Tgt Ion: 65 Resp: 1350

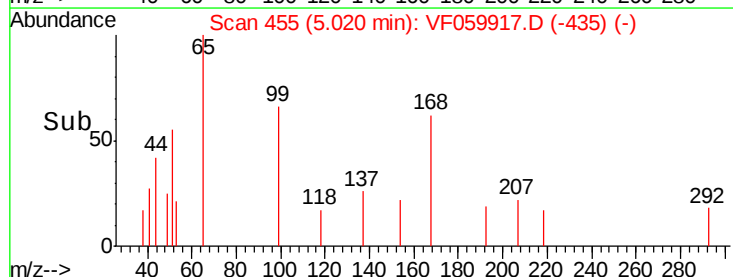
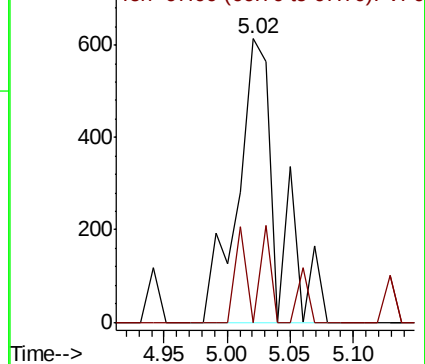
Ion Ratio Lower Upper

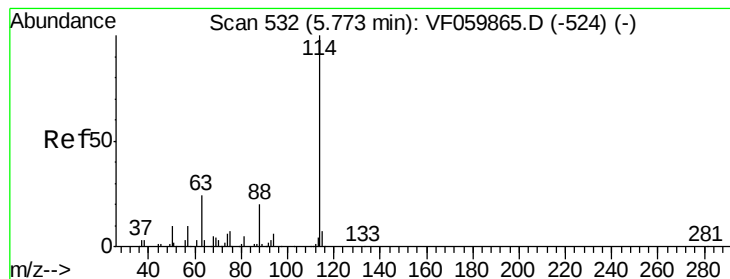
65 100

67 0.0 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF059917.D

Acq: 7 Aug 2018 12:34

Instrument :

MSVOA_F

ClientSampleId :

OR-02-080318-BRE

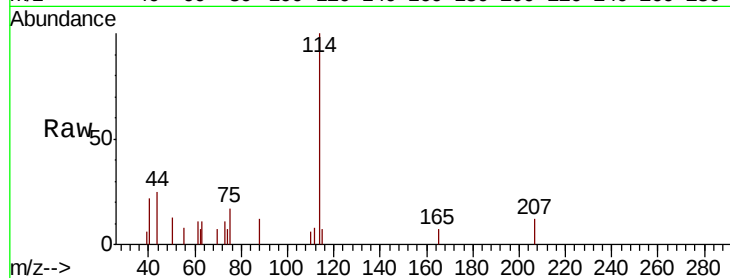
Tot Ion:114 Resp: 4698

Ion Ratio Lower Upper

114 100

63 10.6 0.0 48.0

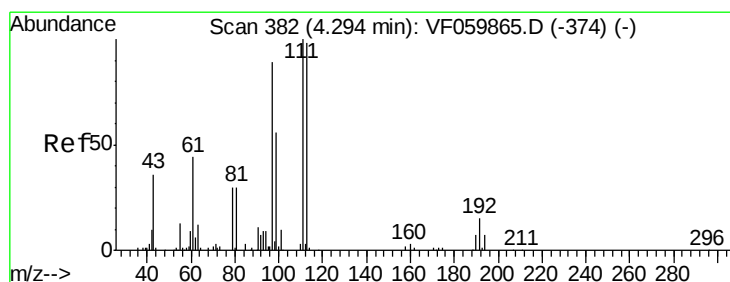
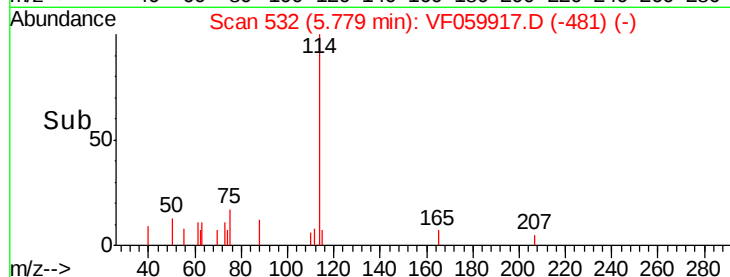
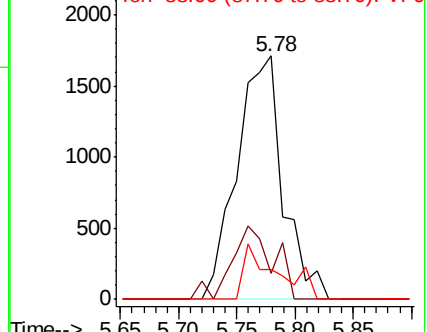
88 12.3 0.0 39.4



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: 32.45 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059917.D

Acq: 7 Aug 2018 12:34

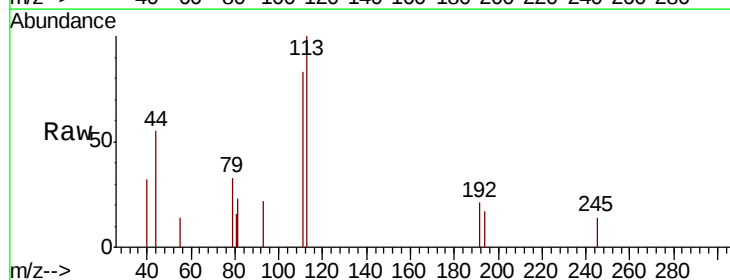
Tgt Ion:113 Resp: 1517

Ion Ratio Lower Upper

113 100

111 83.0 81.8 122.8

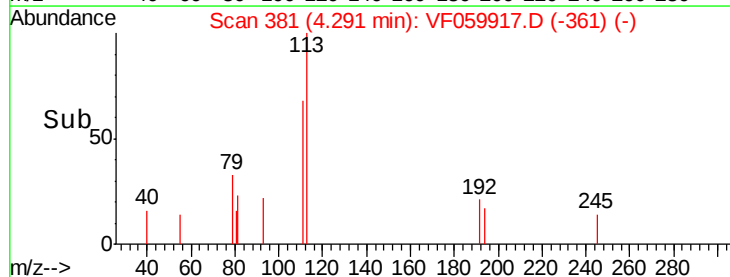
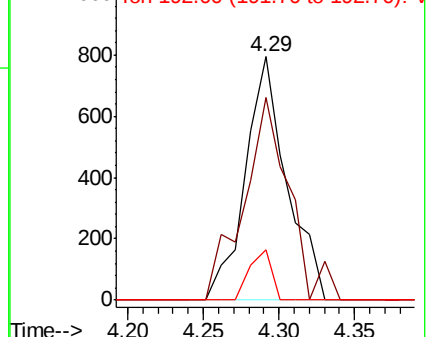
192 20.8 12.4 18.6#

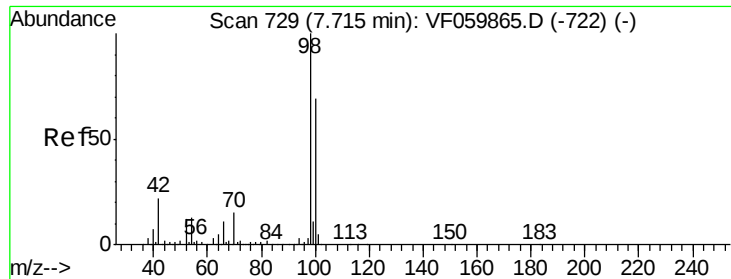


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

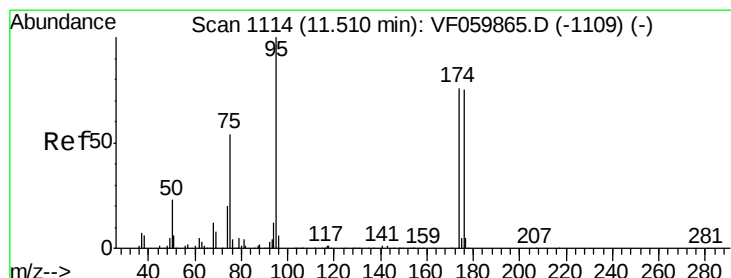
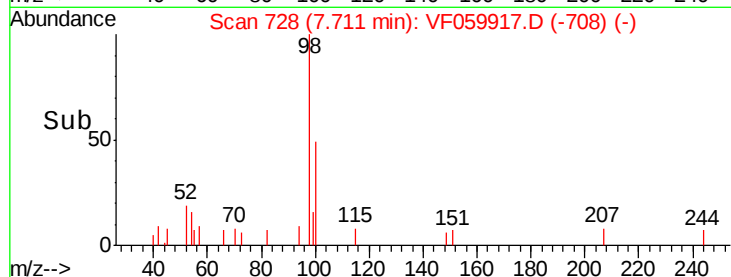
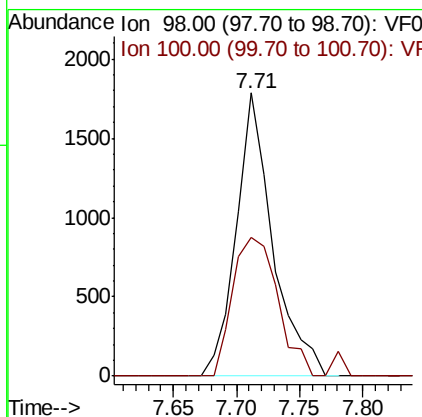
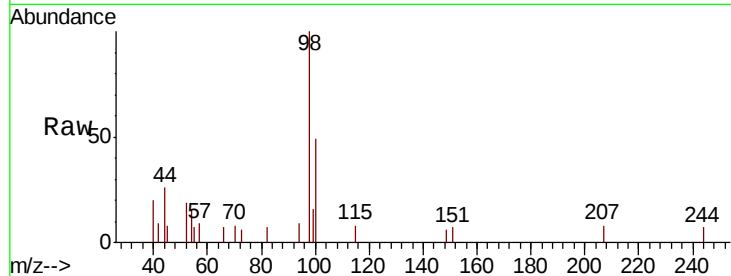




#50
Toluene-d8
Concen: 36.07 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059917.D
Acq: 7 Aug 2018 12:34

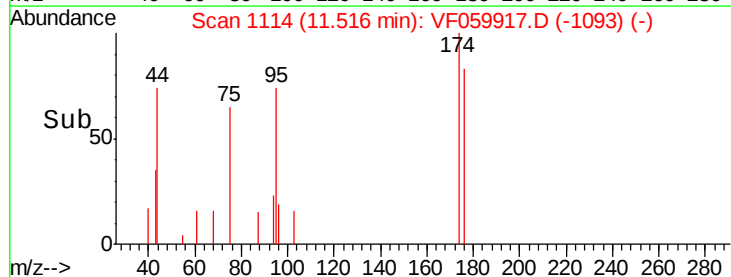
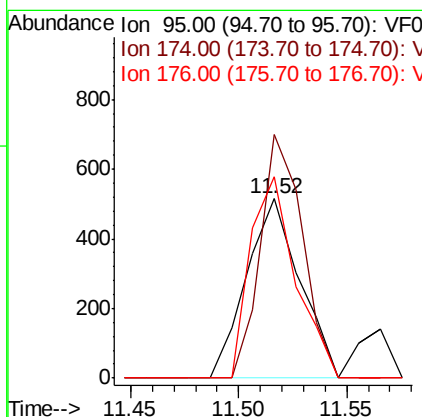
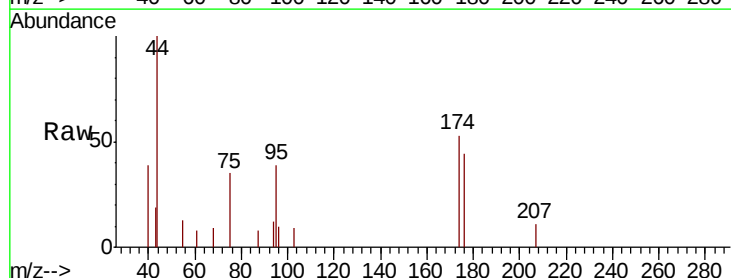
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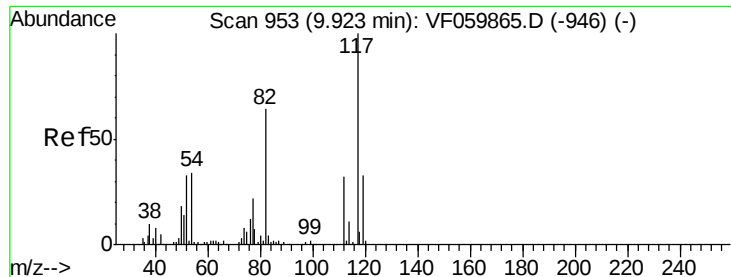
Tot Ion: 98 Resp: 3587
Ion Ratio Lower Upper
98 100
100 49.0 55.0 82.6#



#62
4-Bromofluorobenzene
Concen: 15.78 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059917.D
Acq: 7 Aug 2018 12:34

Tgt Ion: 95 Resp: 882
Ion Ratio Lower Upper
95 100
174 135.7 0.0 151.6
176 112.4 0.0 149.8

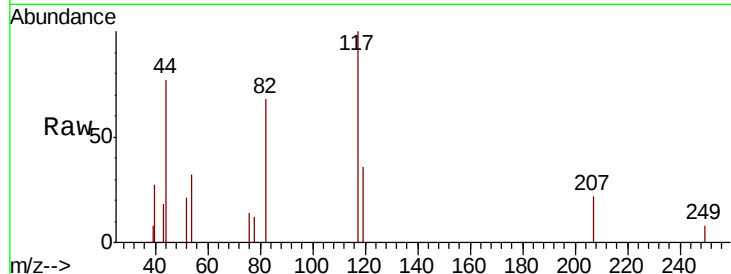




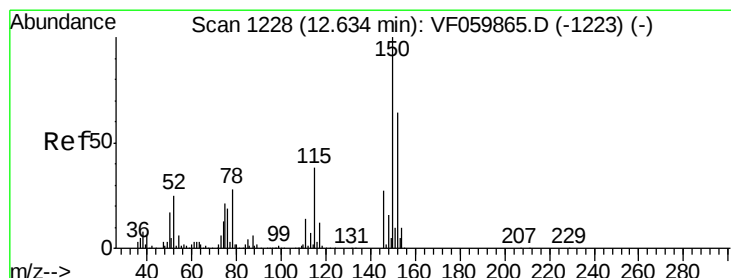
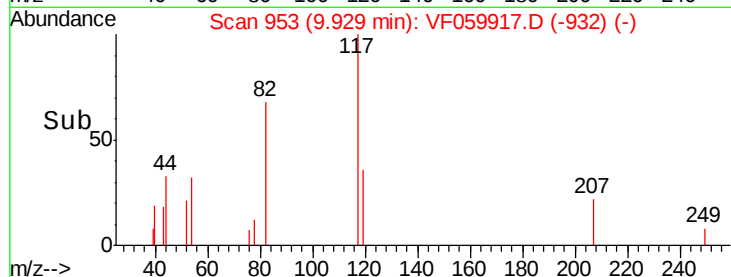
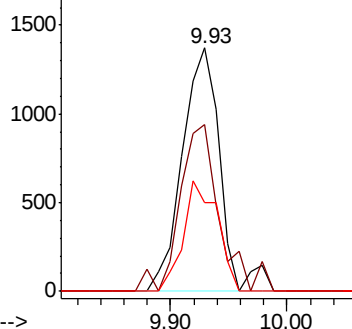
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059917.D
Acq: 7 Aug 2018 12:34

Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-BRE

Tot Ion:117 Resp: 3093
Ion Ratio Lower Upper
117 100
82 68.4 51.3 76.9
119 36.2 26.4 39.6

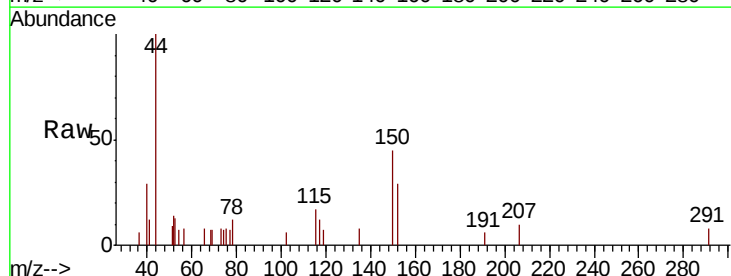


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059917.D
Acq: 7 Aug 2018 12:34

Tgt Ion:152 Resp: 946
Ion Ratio Lower Upper
152 100
115 57.7 29.8 89.4
150 153.6 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

