

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059918.D
 Acq On : 7 Aug 2018 13:02
 Operator : VA/AP
 Sample : J4283-01RE
 Misc : 6.35g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-080318RE

Quant Time: Aug 07 14:17:20 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	77761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	102846	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	91311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	51327	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	43924	31.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	62.66%		
35) Dibromofluoromethane	4.30	113	40271	39.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.72%		
50) Toluene-d8	7.72	98	85990	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	79.00%		
62) 4-Bromofluorobenzene	11.51	95	37369	30.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	61.08%		

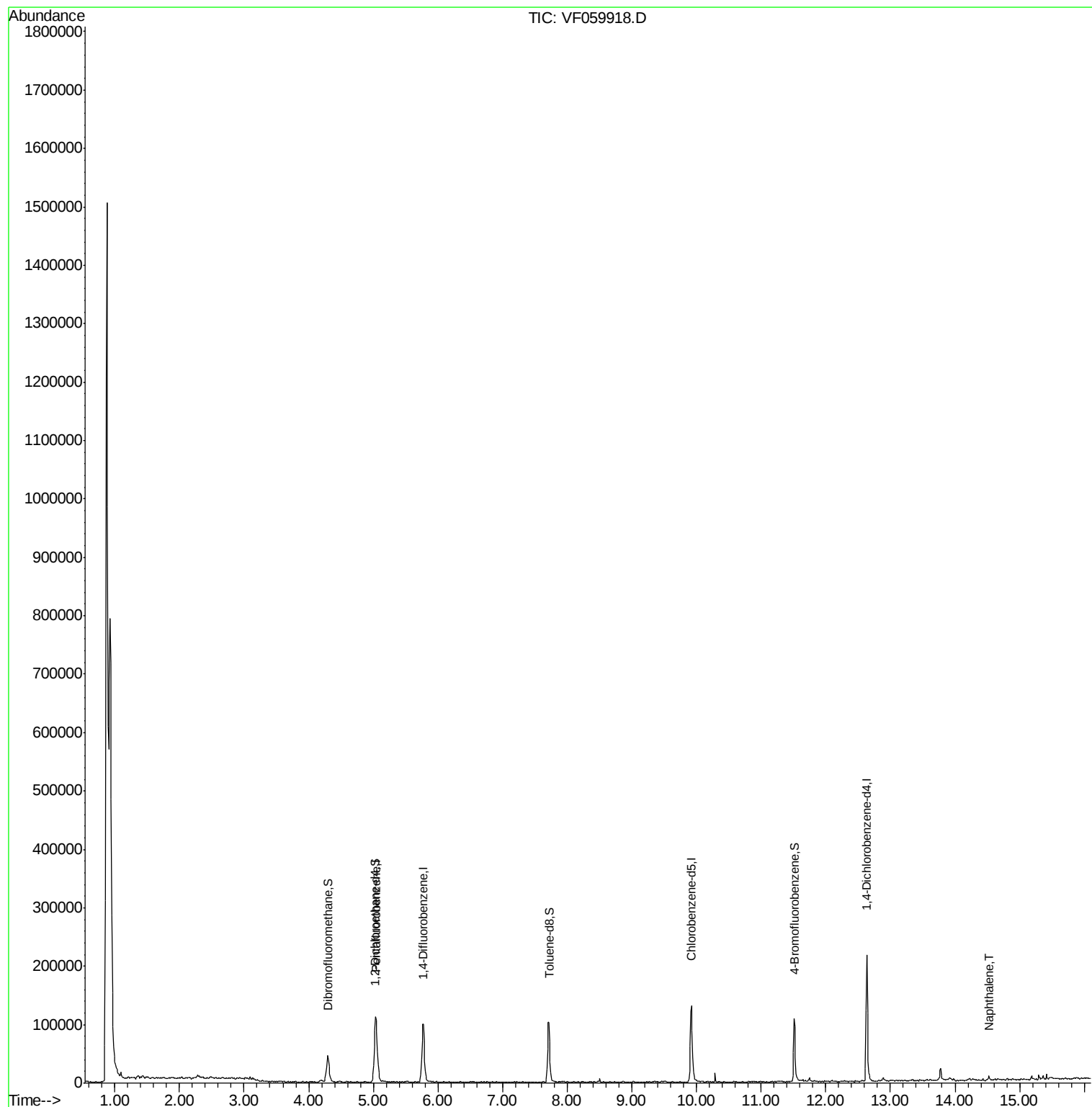
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.53	128	2238	1.07	ug/l	# 82

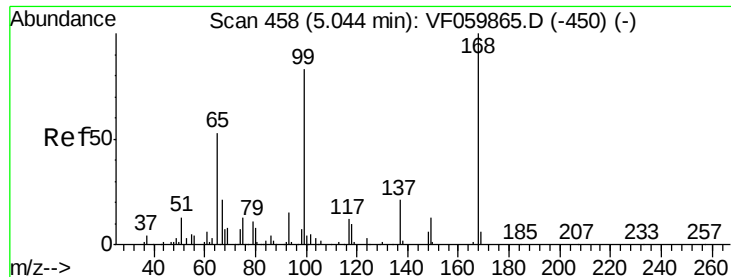
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 458

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

Instrument :

MSVOA_F

ClientSampleId :

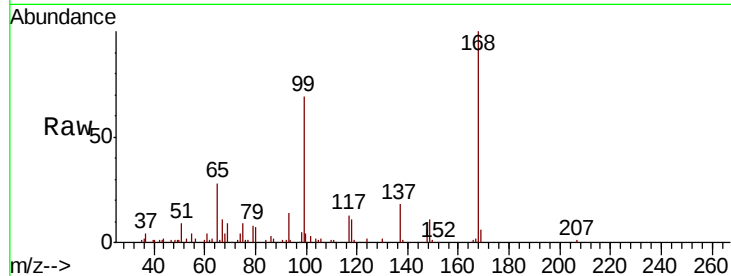
TR-04-080318RE

Tot Ion:168 Resp: 77761

Ion Ratio Lower Upper

168 100

99 69.3 66.3 99.5

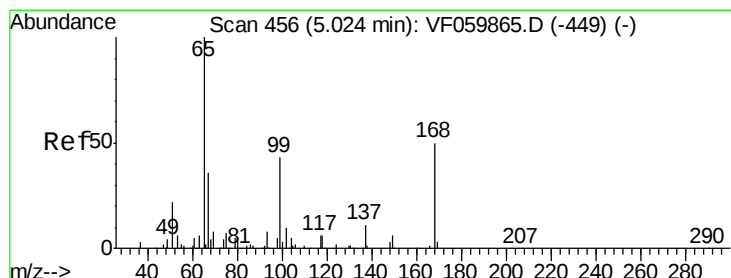
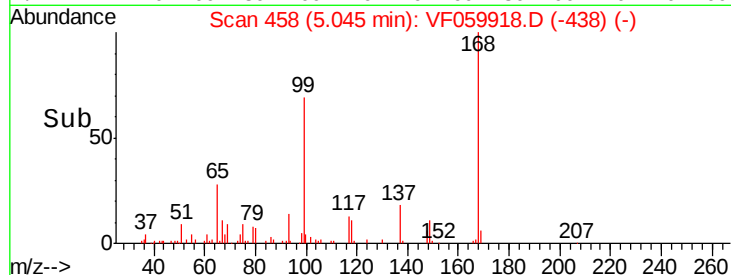


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

Time-->



#33

1,2-Dichloroethane-d4

Concen: 31.33 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059918.D

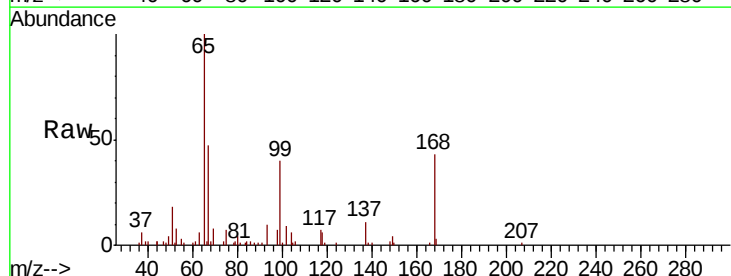
Acq: 7 Aug 2018 13:02

Tgt Ion: 65 Resp: 43924

Ion Ratio Lower Upper

65 100

67 46.6 0.0 77.2

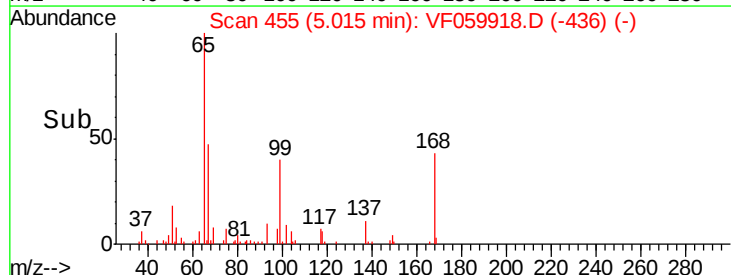


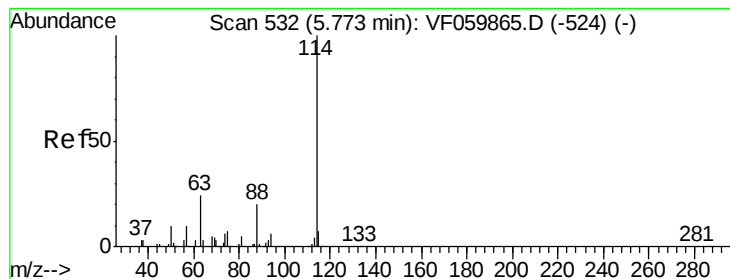
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

Instrument :

MSVOA_F

ClientSampleId :

TR-04-080318RE

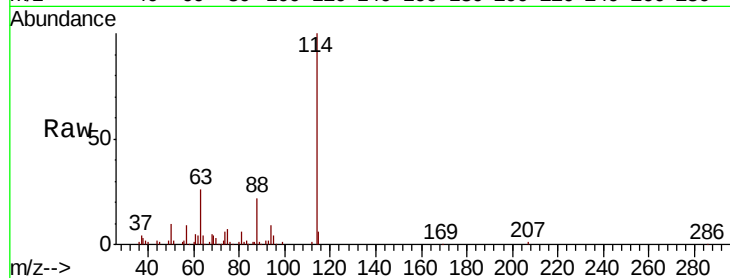
Tot Ion:114 Resp: 102846

Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

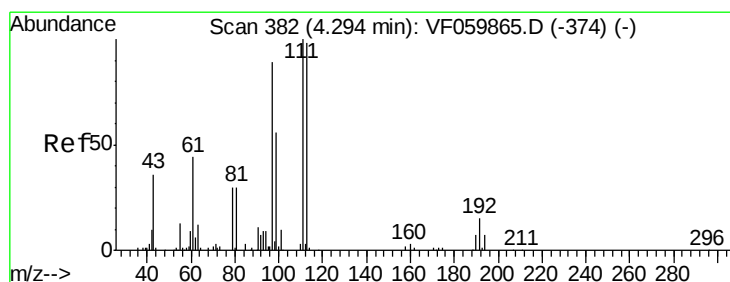
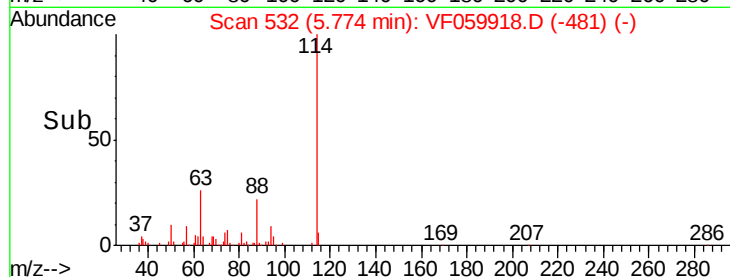
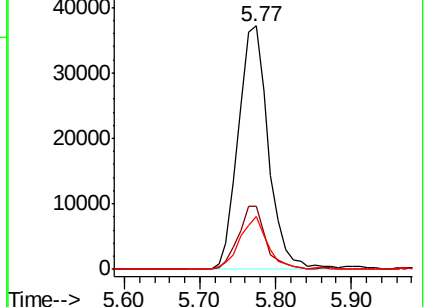
88 21.8 0.0 39.4



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: 39.36 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

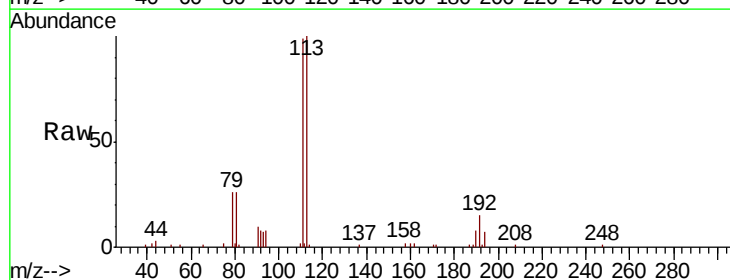
Tgt Ion:113 Resp: 40271

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

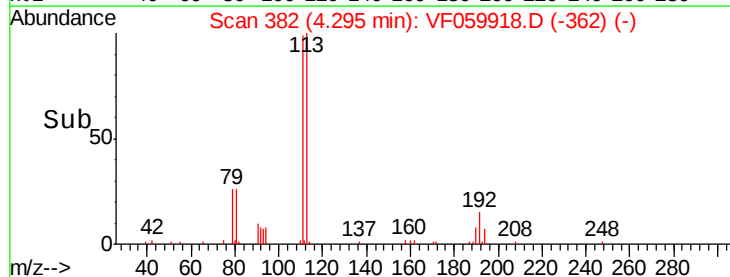
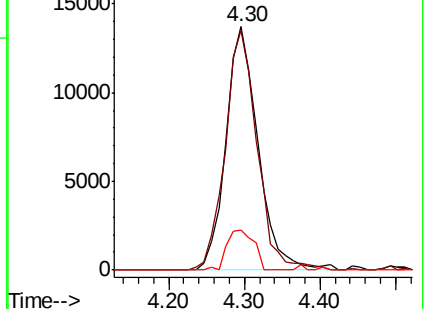
192 16.4 12.4 18.6

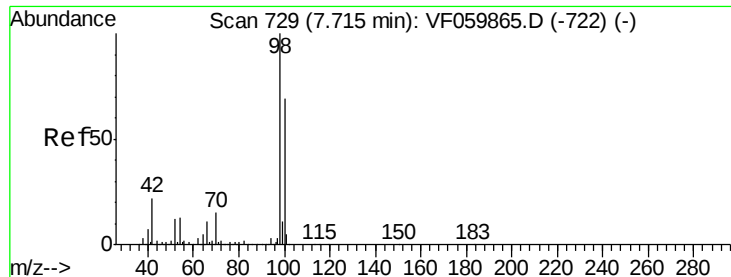


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.50 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

Instrument :

MSVOA_F

ClientSampleId :

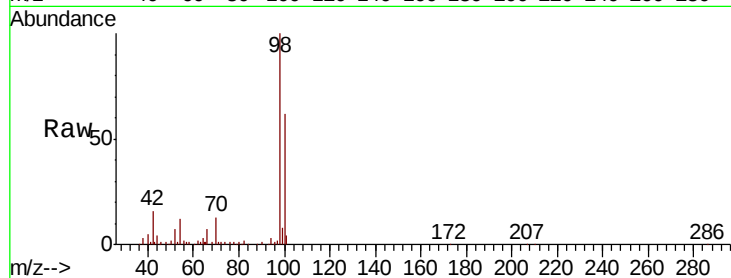
TR-04-080318RE

Tot Ion: 98 Resp: 85990

Ion Ratio Lower Upper

98 100

100 61.5 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

40000

30000

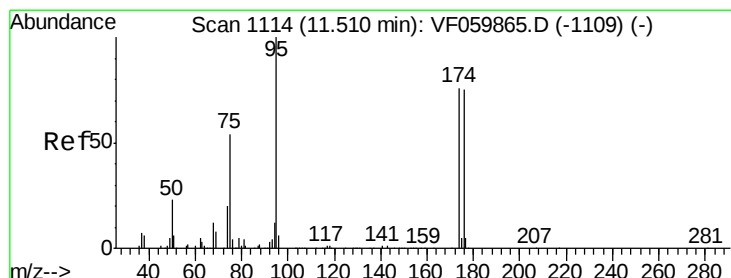
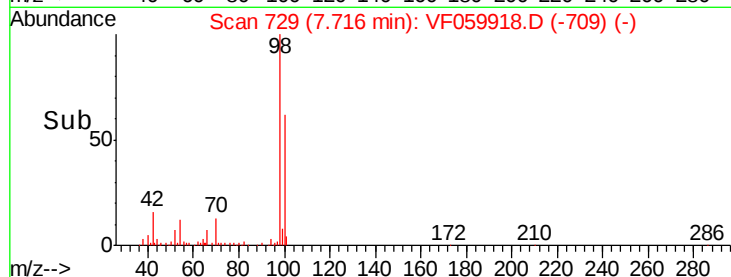
20000

10000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 30.54 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

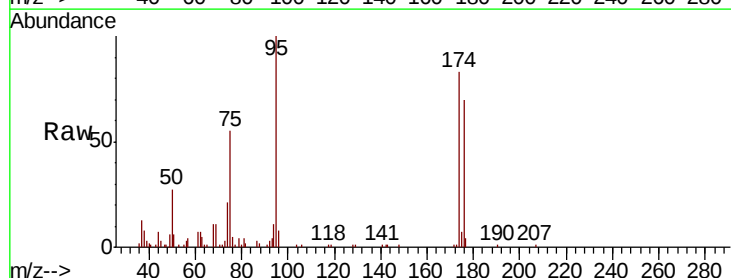
Tgt Ion: 95 Resp: 37369

Ion Ratio Lower Upper

95 100

174 83.2 0.0 151.6

176 70.2 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

25000

20000

15000

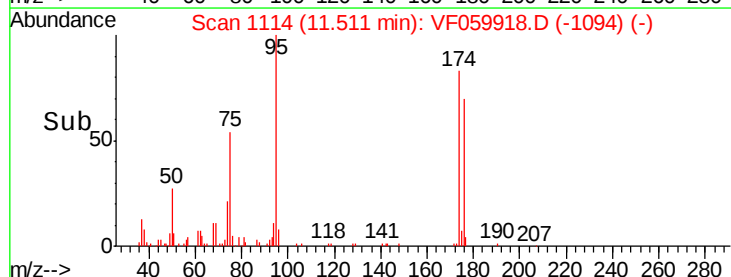
10000

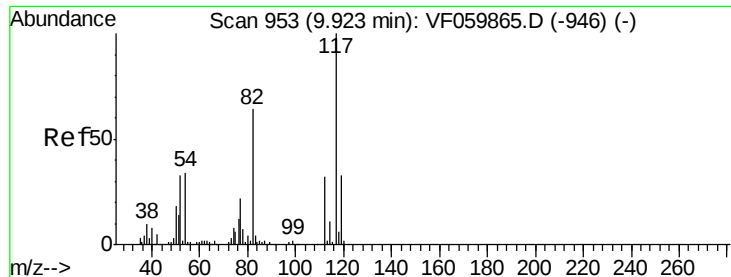
5000

0

Time-->

11.40 11.50 11.60 11.70

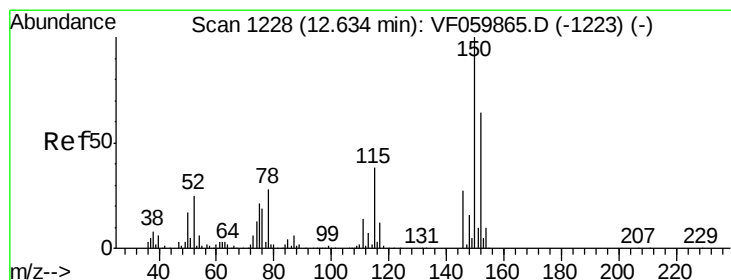
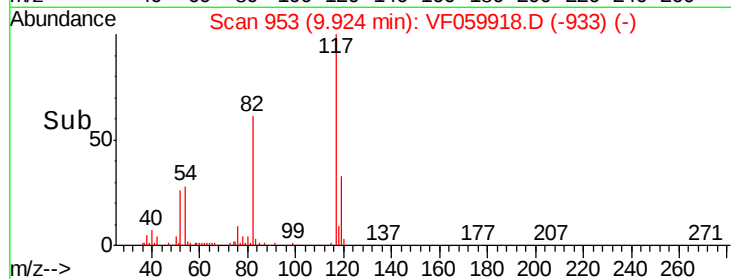
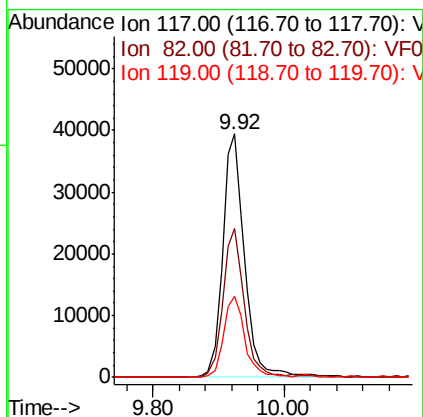
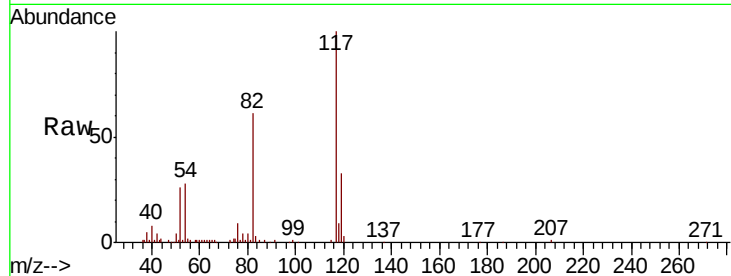




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059918.D
Acq: 7 Aug 2018 13:02

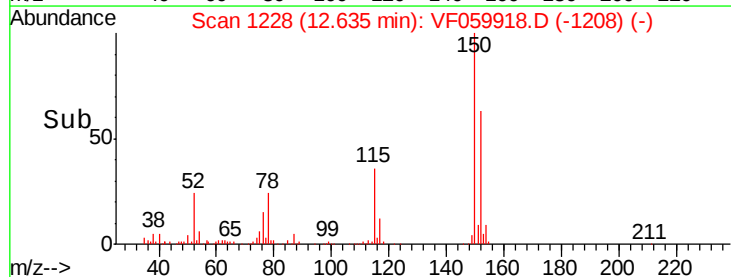
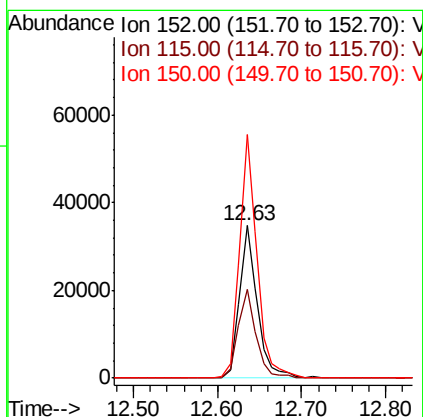
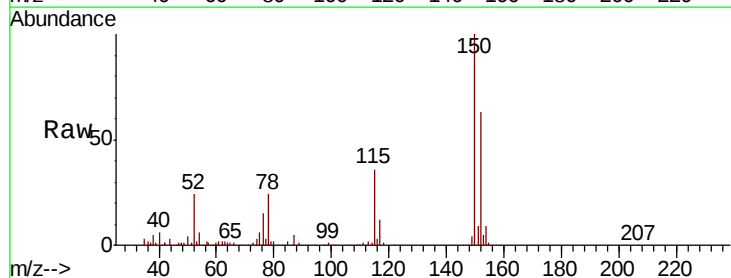
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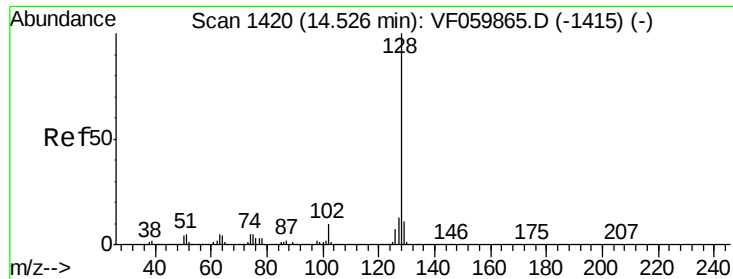
Tot Ion:117 Resp: 91311
Ion Ratio Lower Upper
117 100
82 61.1 51.3 76.9
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059918.D
Acq: 7 Aug 2018 13:02

Tgt Ion:152 Resp: 51327
Ion Ratio Lower Upper
152 100
115 58.1 29.8 89.4
150 159.6 0.0 315.6





#95

Naphthalene

Concen: 1.07 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059918.D

Acq: 7 Aug 2018 13:02

Instrument :

MSVOA_F

ClientSampleId :

TR-04-080318RE

Tot Ion:128 Resp: 2238

Ion Ratio Lower Upper

128 100

127 24.1 10.4 15.6#

129 13.7 9.0 13.6#

