

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059900.D
 Acq On : 7 Aug 2018 2:35
 Operator : VA/AP
 Sample : J4277-03
 Misc : 6.34g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 07 04:41:58 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

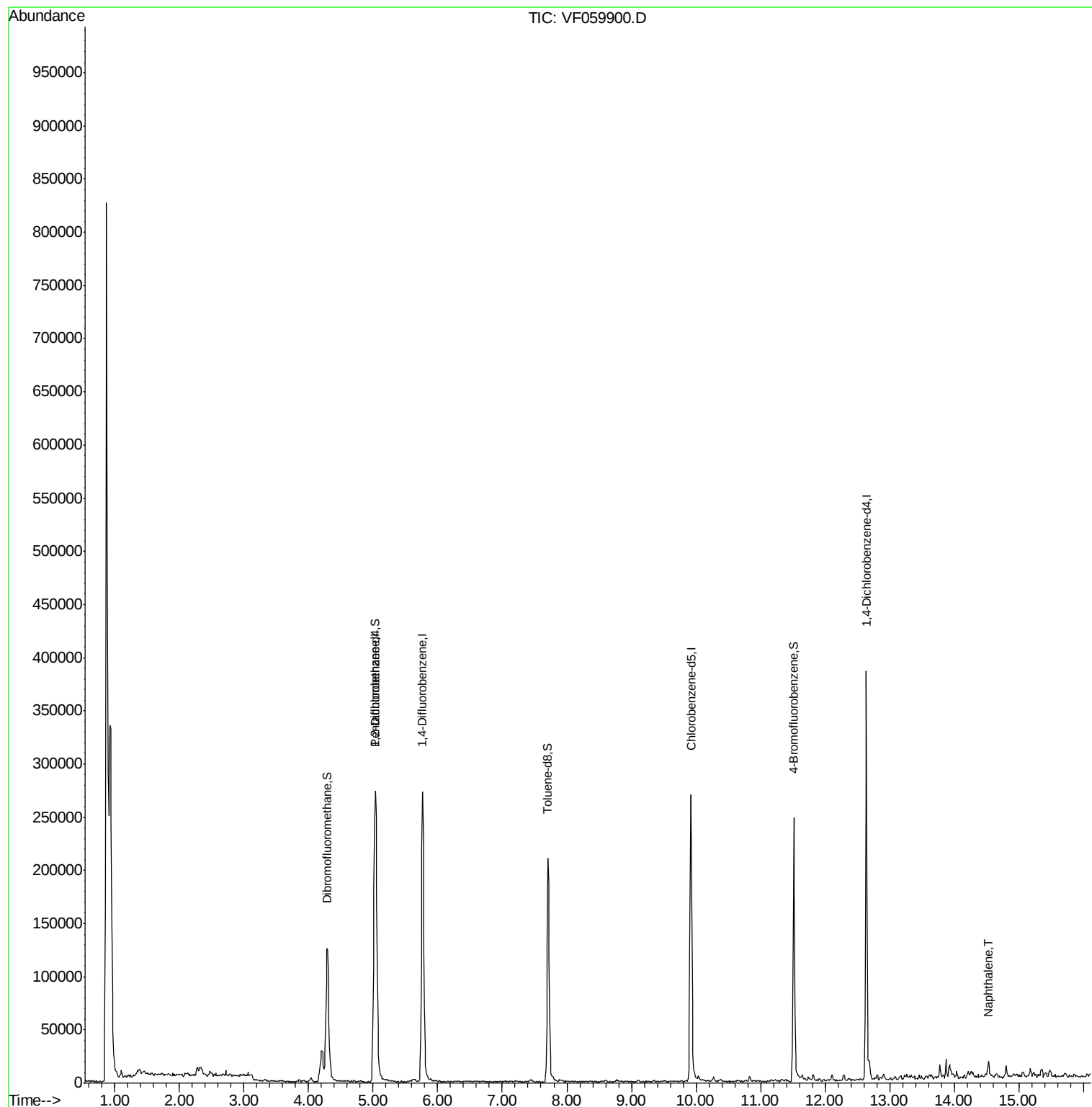
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	155739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	233950	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	171392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	86483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	138328	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	4.30	113	107006	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	7.71	98	149230	30.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.26%	
62) 4-Bromofluorobenzene	11.51	95	76866	27.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.24%	
Target Compounds						
95) Naphthalene	14.53	128	6786	1.93	ug/l #	Qvalue 94

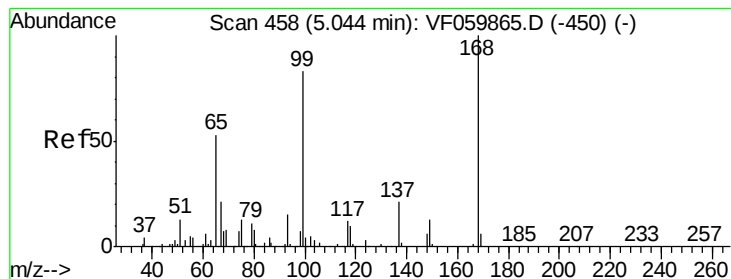
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059900.D

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Instrument :

MSVOA_F

ClientSampleId :

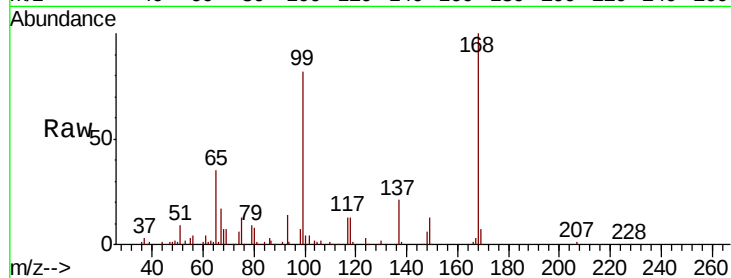
OR-02-080318-B

Tot Ion:168 Resp: 155739

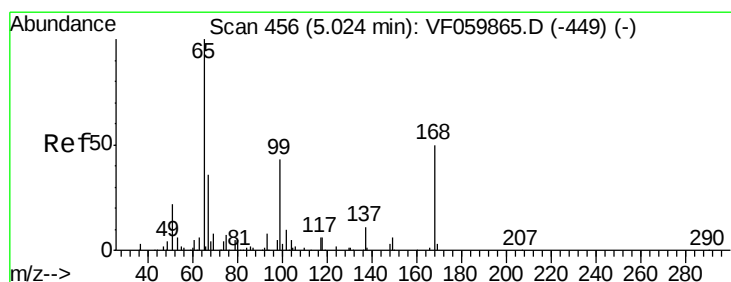
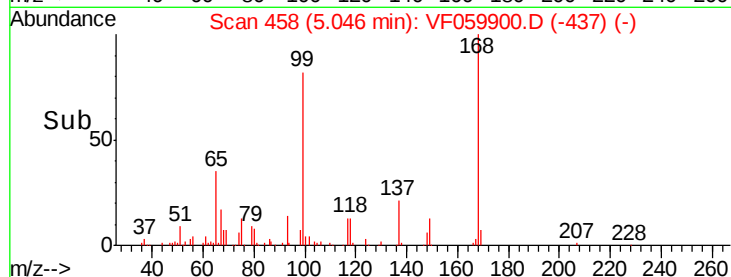
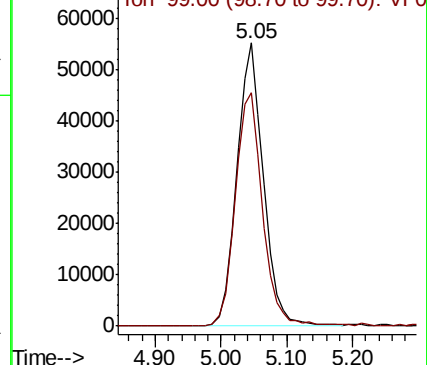
Ion Ratio Lower Upper

168 100

99 82.5 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 49.27 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059900.D

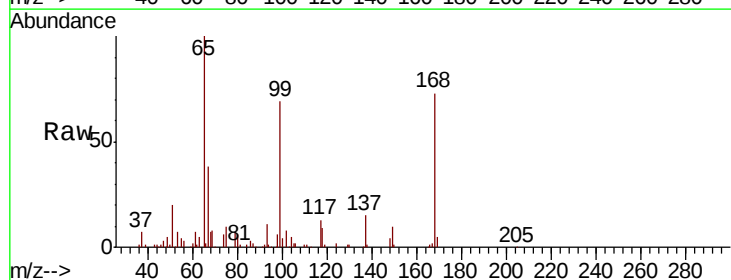
Acq: 7 Aug 2018 2:35

Tgt Ion: 65 Resp: 138328

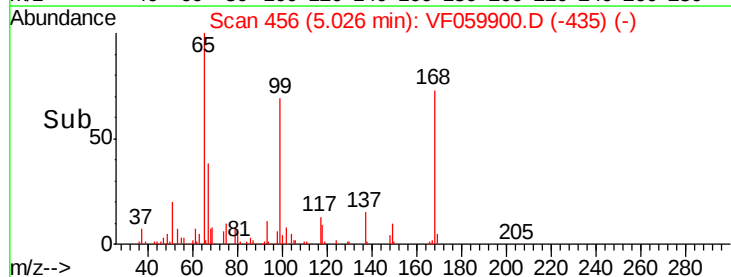
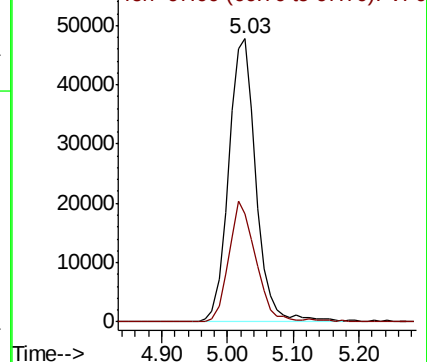
Ion Ratio Lower Upper

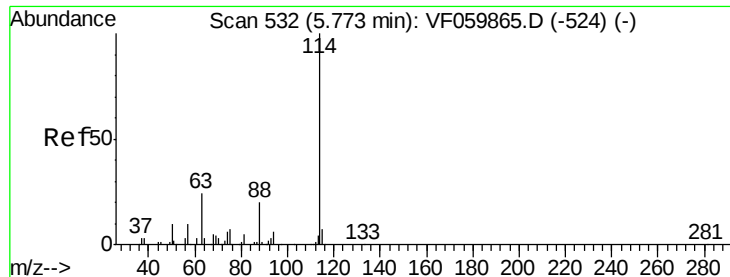
65 100

67 38.1 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# 531

Delta R.T. -0.01 min

Lab File: VF059900.D

Acq: 7 Aug 2018 2:35

Instrument :

MSVOA_F

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OR-02-080318-B

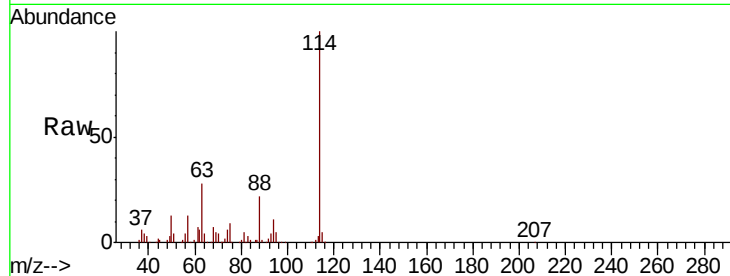
Tot Ion:114 Resp: 233950

Ion Ratio Lower Upper

114 100

63 28.4 0.0 48.0

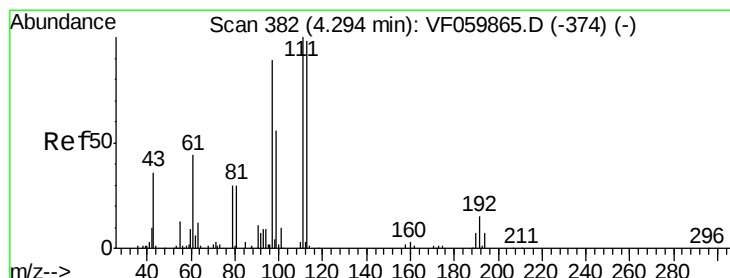
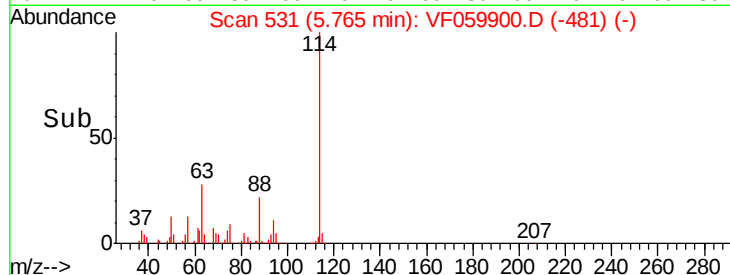
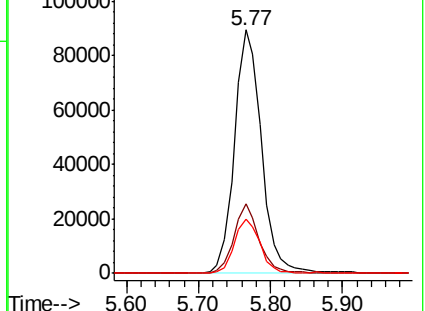
88 22.5 0.0 39.4



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: 45.97 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059900.D

Acq: 7 Aug 2018 2:35

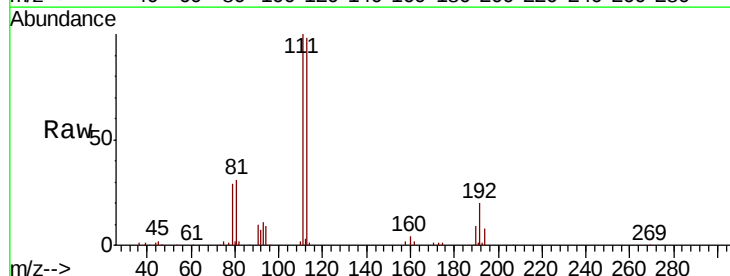
Tgt Ion:113 Resp: 107006

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

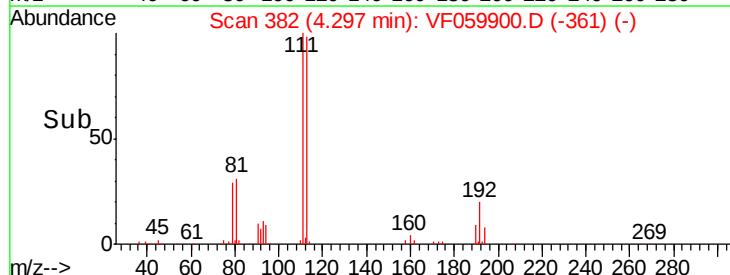
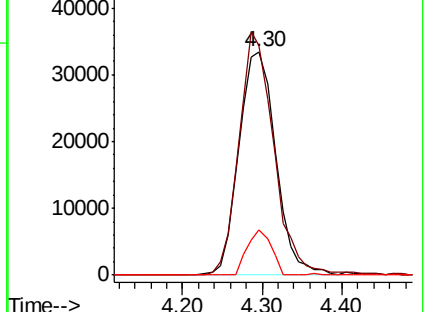
192 20.2 12.4 18.6#

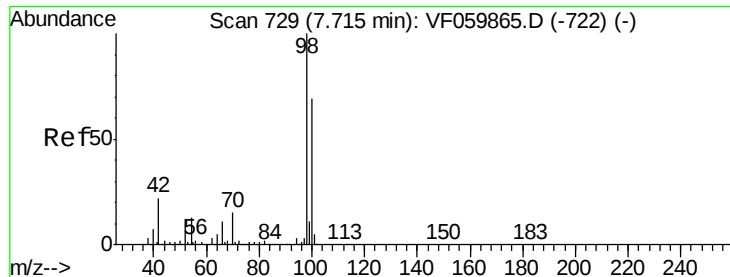


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 30.13 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059900.D

Acq: 7 Aug 2018 2:35

Instrument :

MSVOA_F

ClientSampleId :

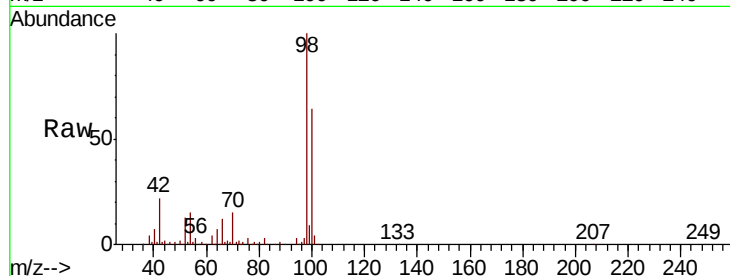
OR-02-080318-B

Tot Ion: 98 Resp: 149230

Ion Ratio Lower Upper

98 100

100 64.2 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

60000

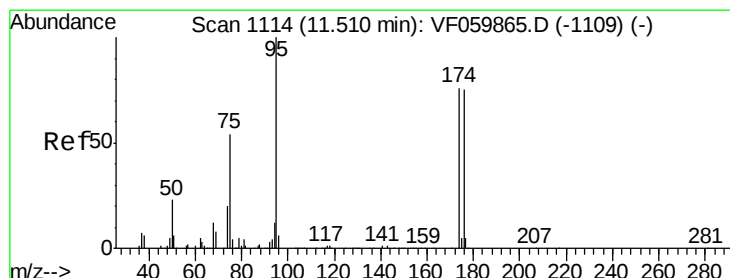
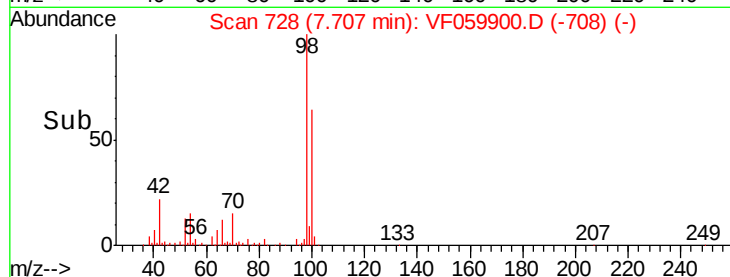
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 27.62 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059900.D

Acq: 7 Aug 2018 2:35

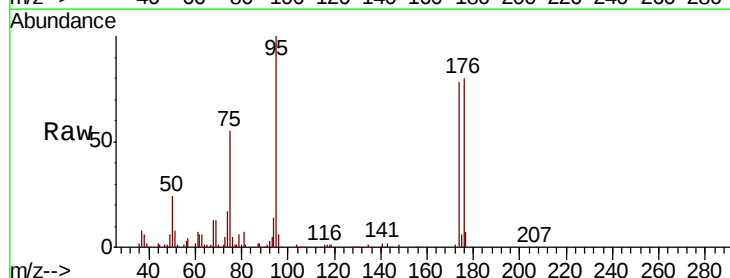
Tgt Ion: 95 Resp: 76866

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.6

176 80.2 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

60000

50000

40000

30000

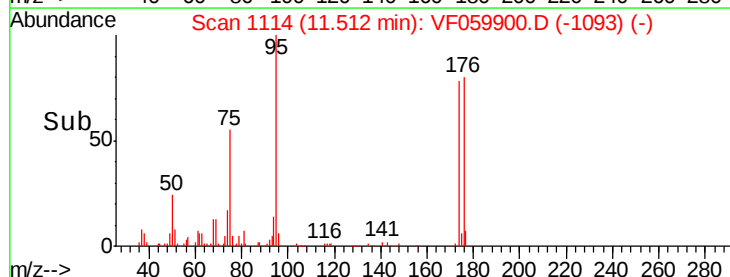
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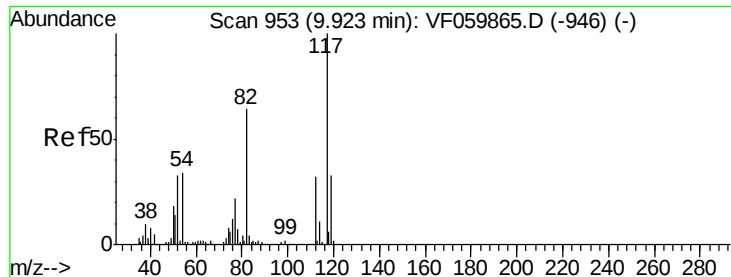
10000

0

11.40 11.50 11.60 11.70

Time-->

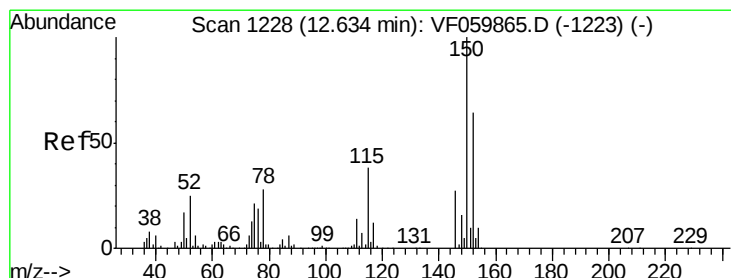
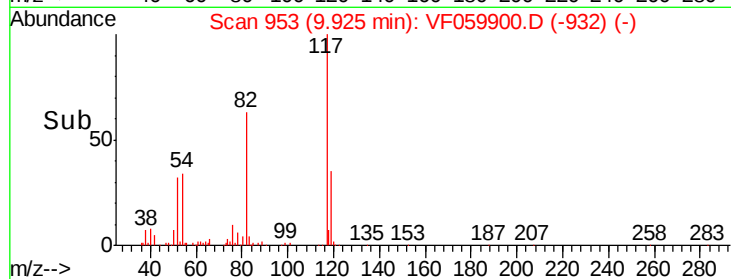
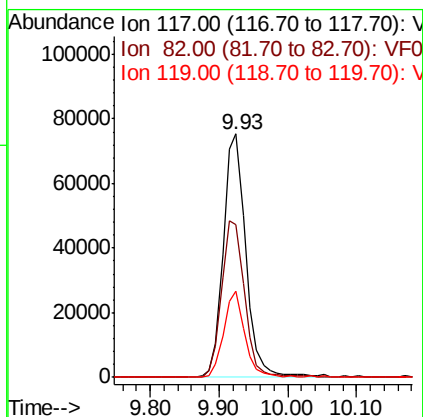
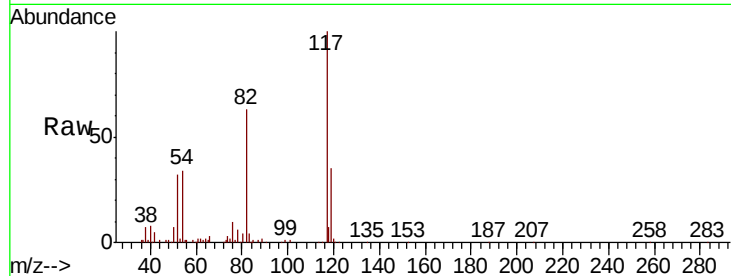




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059900.D
Acq: 7 Aug 2018 2:35

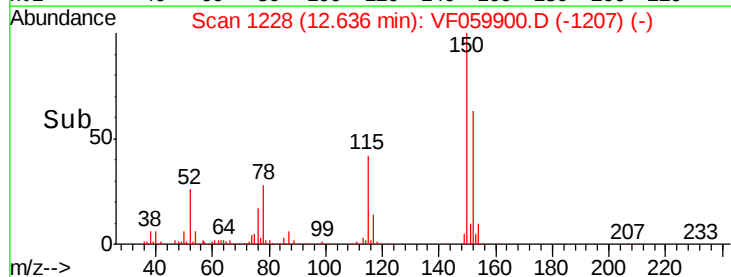
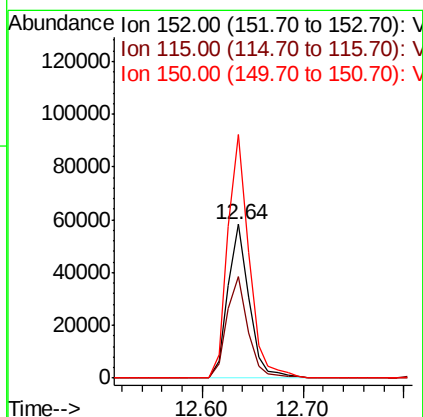
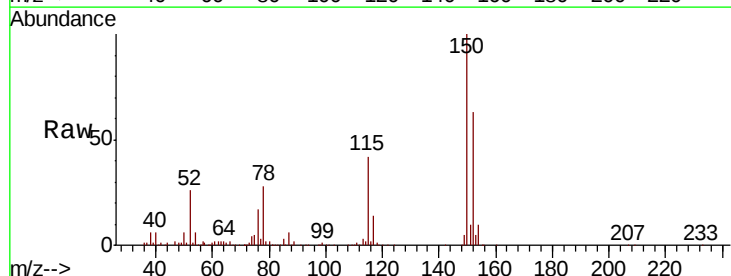
Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-B

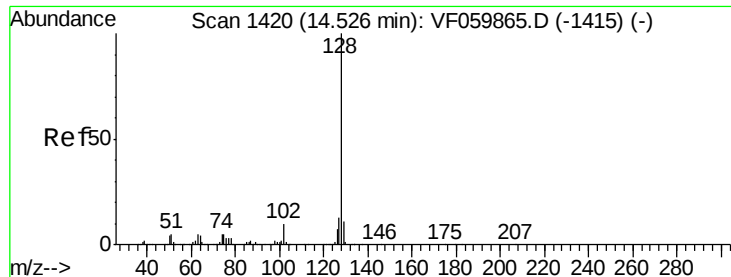
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	51.3	76.9
119	35.2	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059900.D
Acq: 7 Aug 2018 2:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	29.8	89.4
150	158.3	0.0	315.6





#95

Naphthalene

Concen: 1.93 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059900.D

Acq: 7 Aug 2018 2:35

Instrument :

MSVOA_F

ClientSampleId :

OR-02-080318-B

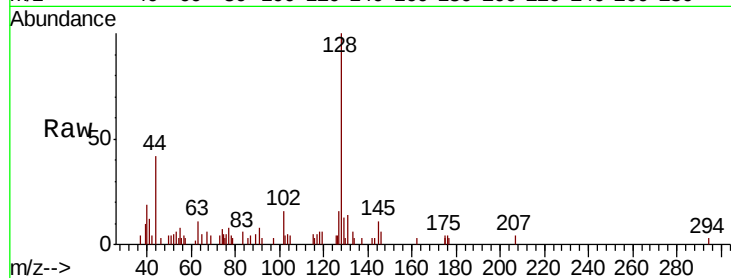
Tot Ion:128 Resp: 6786

Ion Ratio Lower Upper

128 100

127 15.6 10.4 15.6#

129 13.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

