

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060937.D
 Acq On : 7 Dec 2018 19:05
 Operator : VA/AP
 Sample : J6214-19
 Misc : 4.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(0-2)

Quant Time: Dec 08 03:47:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	214289	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	355910	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.76	117	304769	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	153551	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	109650	43.44	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	4.09	113	122538	43.40	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	86.80%	
50) Toluene-d8	7.54	98	304449	36.60	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	73.20%	
62) 4-Bromofluorobenzene	11.40	95	143014	37.83	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	75.66%	

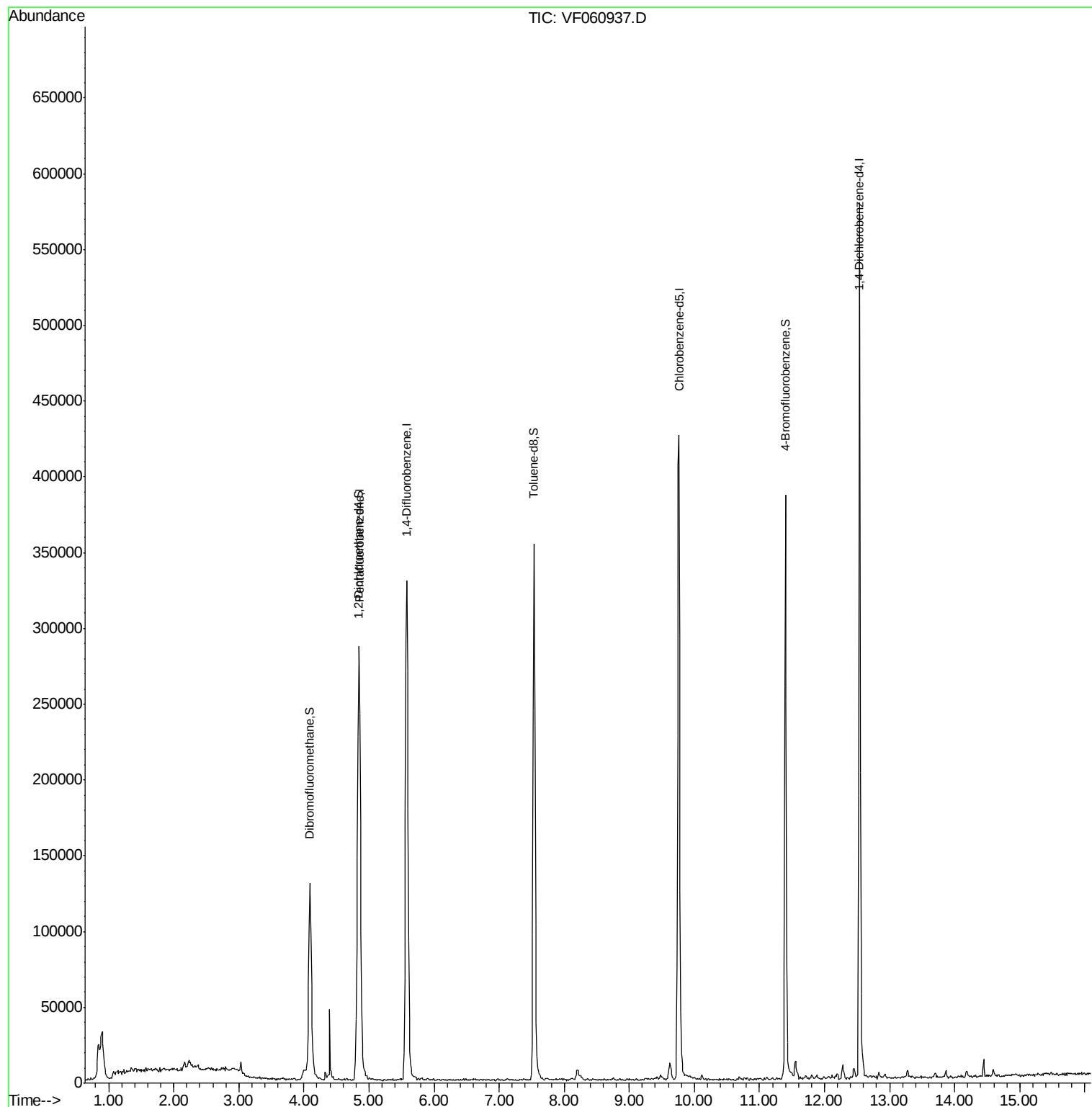
Target Compounds	Qvalue
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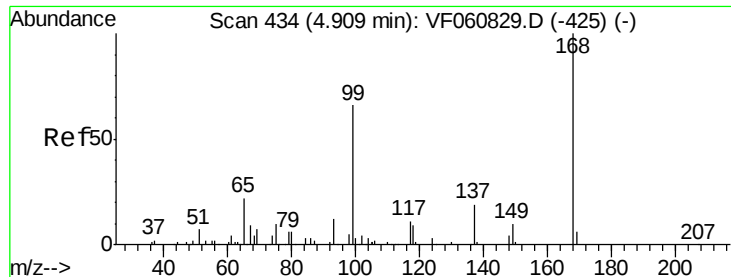
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060937.D

Acq: 7 Dec 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

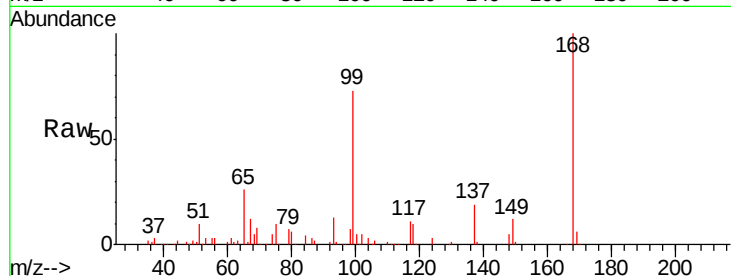
SB-9(0-2)

Tgt Ion:168 Resp: 214289

Ion Ratio Lower Upper

168 100

99 72.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

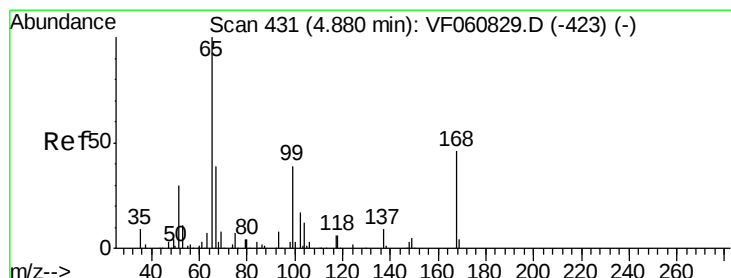
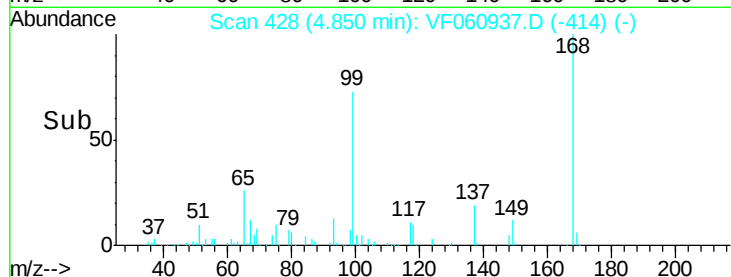
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 43.436 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF060937.D

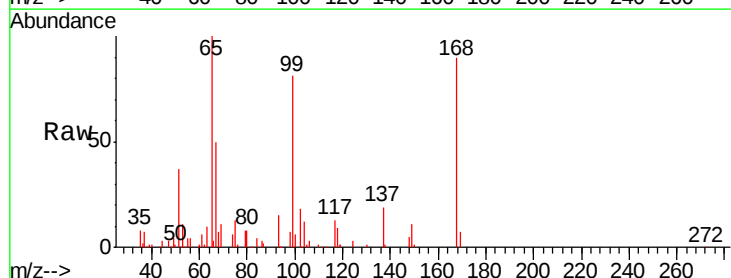
Acq: 7 Dec 2018 19:05

Tgt Ion: 65 Resp: 109650

Ion Ratio Lower Upper

65 100

67 50.2 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

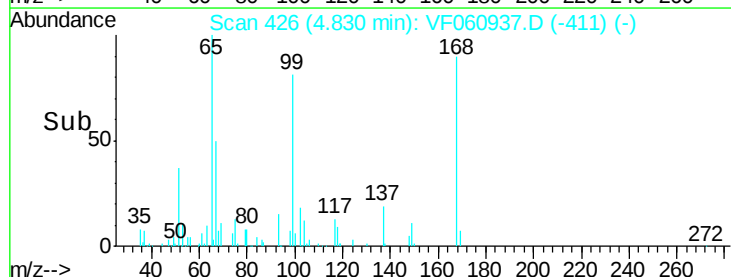
20000

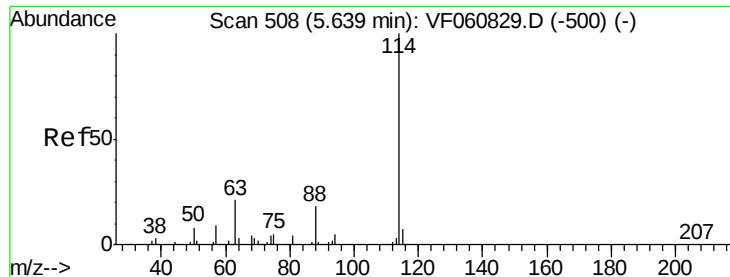
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF060937.D

Acq: 7 Dec 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

SB-9(0-2)

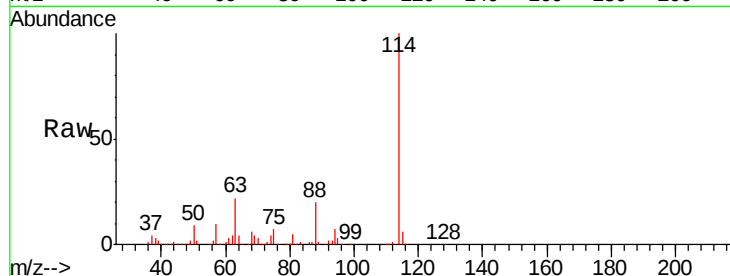
Tgt Ion:114 Resp: 355910

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

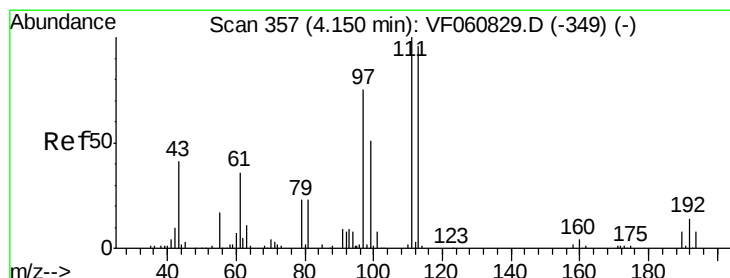
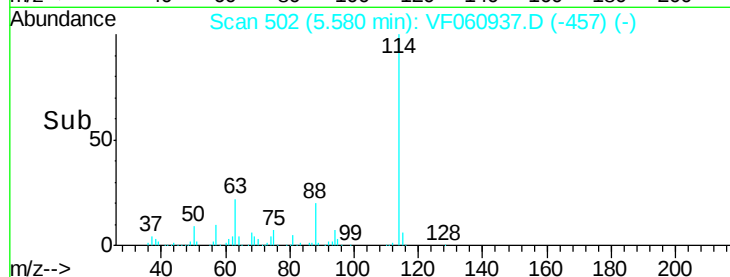
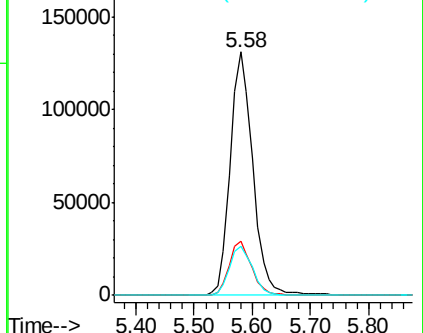
88 20.1 0.0 36.6



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: 43.399 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.06 min

Lab File: VF060937.D

Acq: 7 Dec 2018 19:05

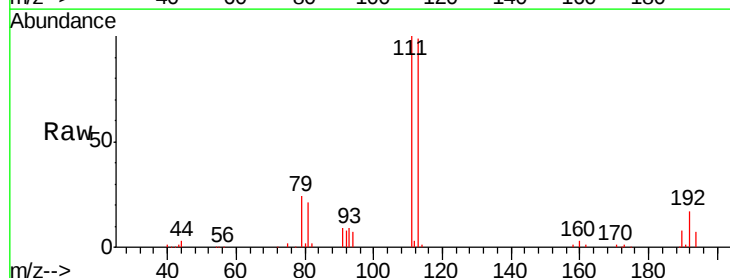
Tgt Ion:113 Resp: 122538

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

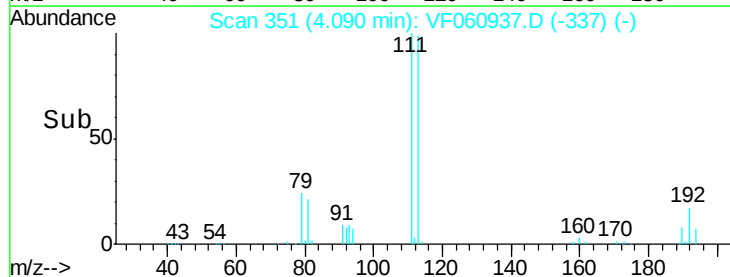
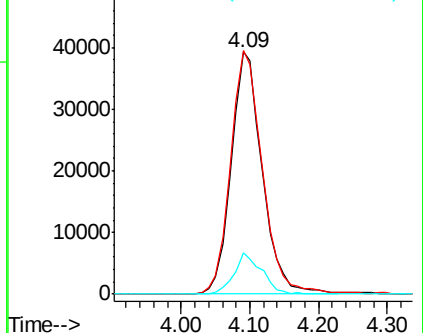
192 17.0 12.3 18.5

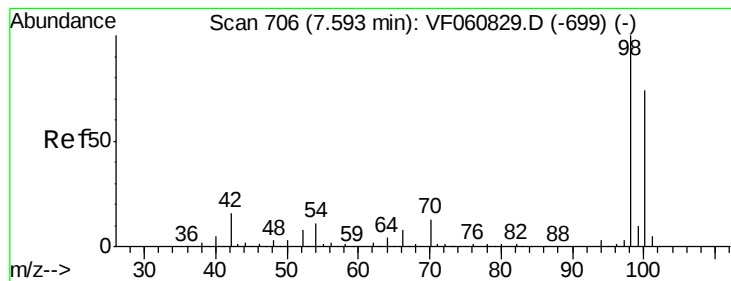


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 36.604 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF060937.D

Acq: 7 Dec 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

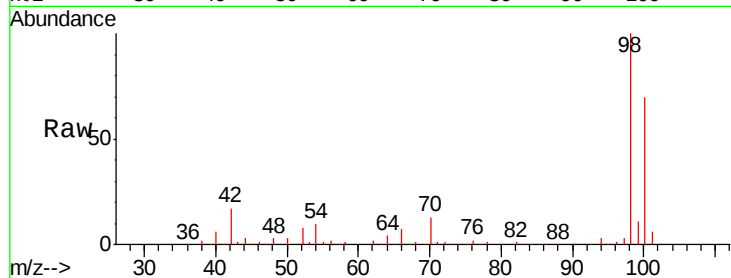
SB-9(0-2)

Tgt Ion: 98 Resp: 304449

Ion Ratio Lower Upper

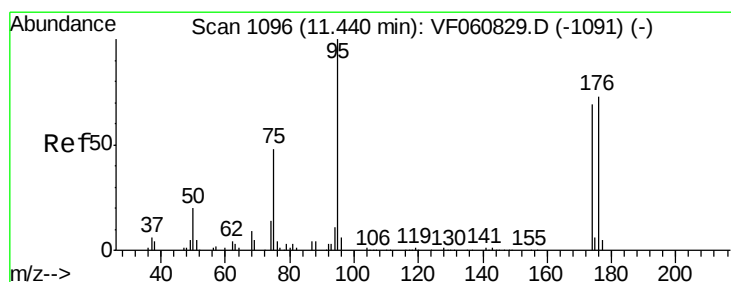
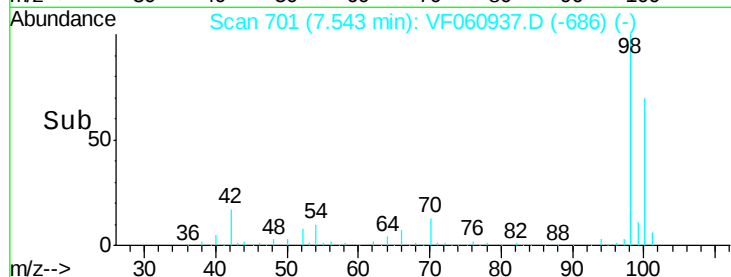
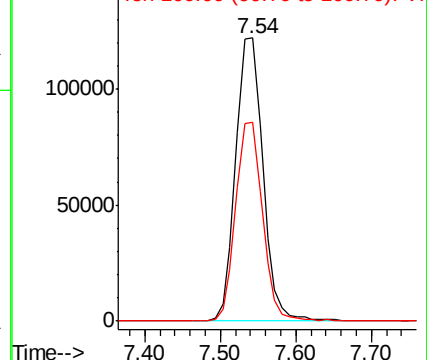
98 100

100 70.4 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 37.834 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF060937.D

Acq: 7 Dec 2018 19:05

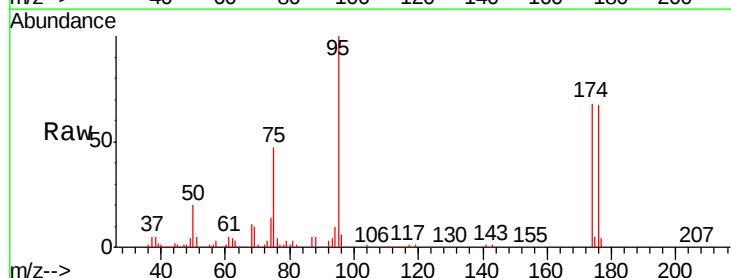
Tgt Ion: 95 Resp: 143014

Ion Ratio Lower Upper

95 100

174 67.8 0.0 138.2

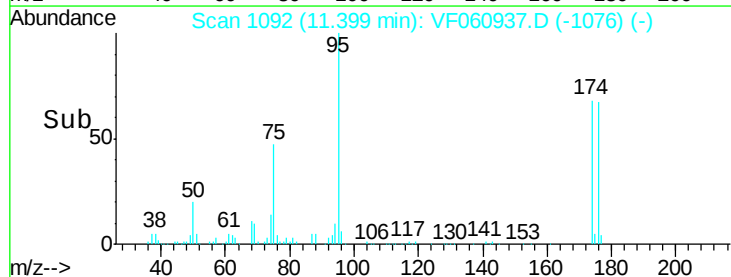
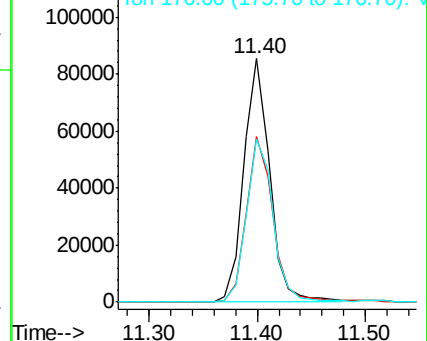
176 67.1 0.0 146.2

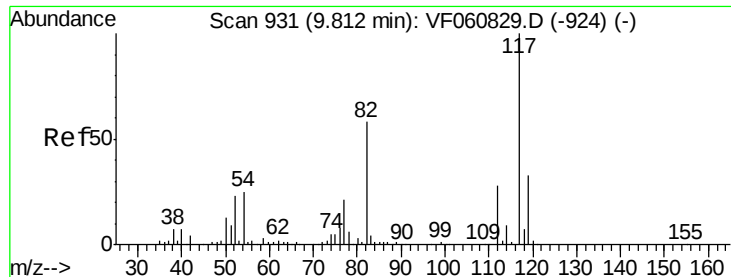


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

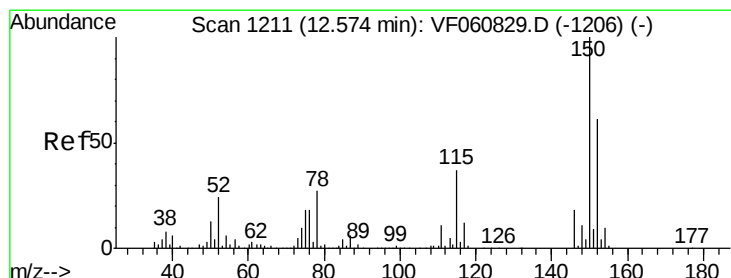
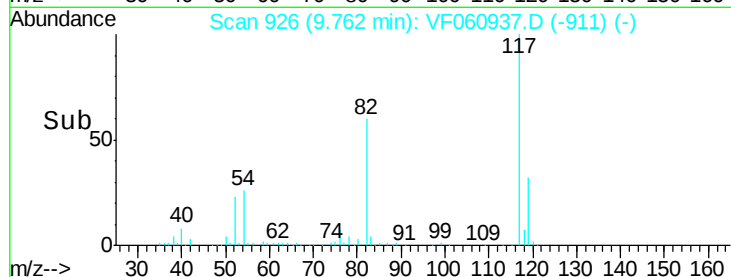
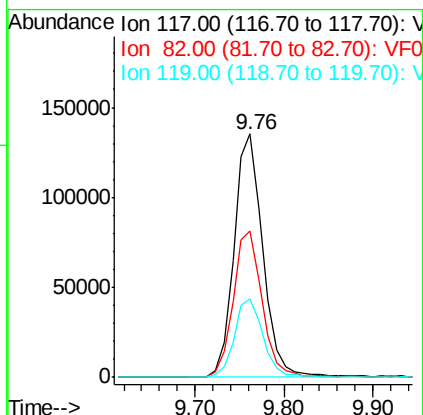
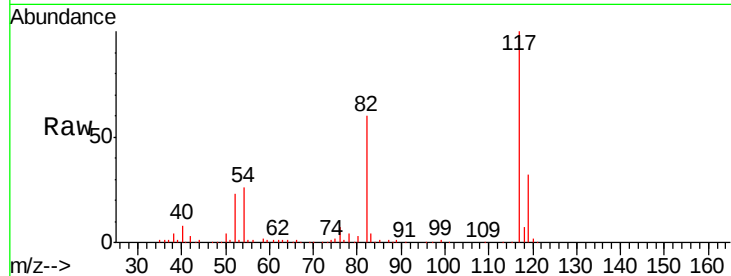




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF060937.D
Acq: 7 Dec 2018 19:05

Instrument :
MSVOA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:117 Resp: 304769
Ion Ratio Lower Upper
117 100
82 60.4 46.6 69.8
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060937.D
Acq: 7 Dec 2018 19:05

Tgt Ion:152 Resp: 153551
Ion Ratio Lower Upper
152 100
115 58.2 30.1 90.5
150 152.6 0.0 327.6

