

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060973.D
 Acq On : 11 Dec 2018 13:32
 Operator : VA/AP
 Sample : VF1211SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1211SBL01

Quant Time: Dec 12 06:39:05 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	4.87	168	208707	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	350898	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	307346	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	177092	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121743	49.52	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	4.11	113	143325	51.49	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	7.56	98	373359	45.53	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	91.06%	
62) 4-Bromofluorobenzene	11.41	95	177917	47.74	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.48%	

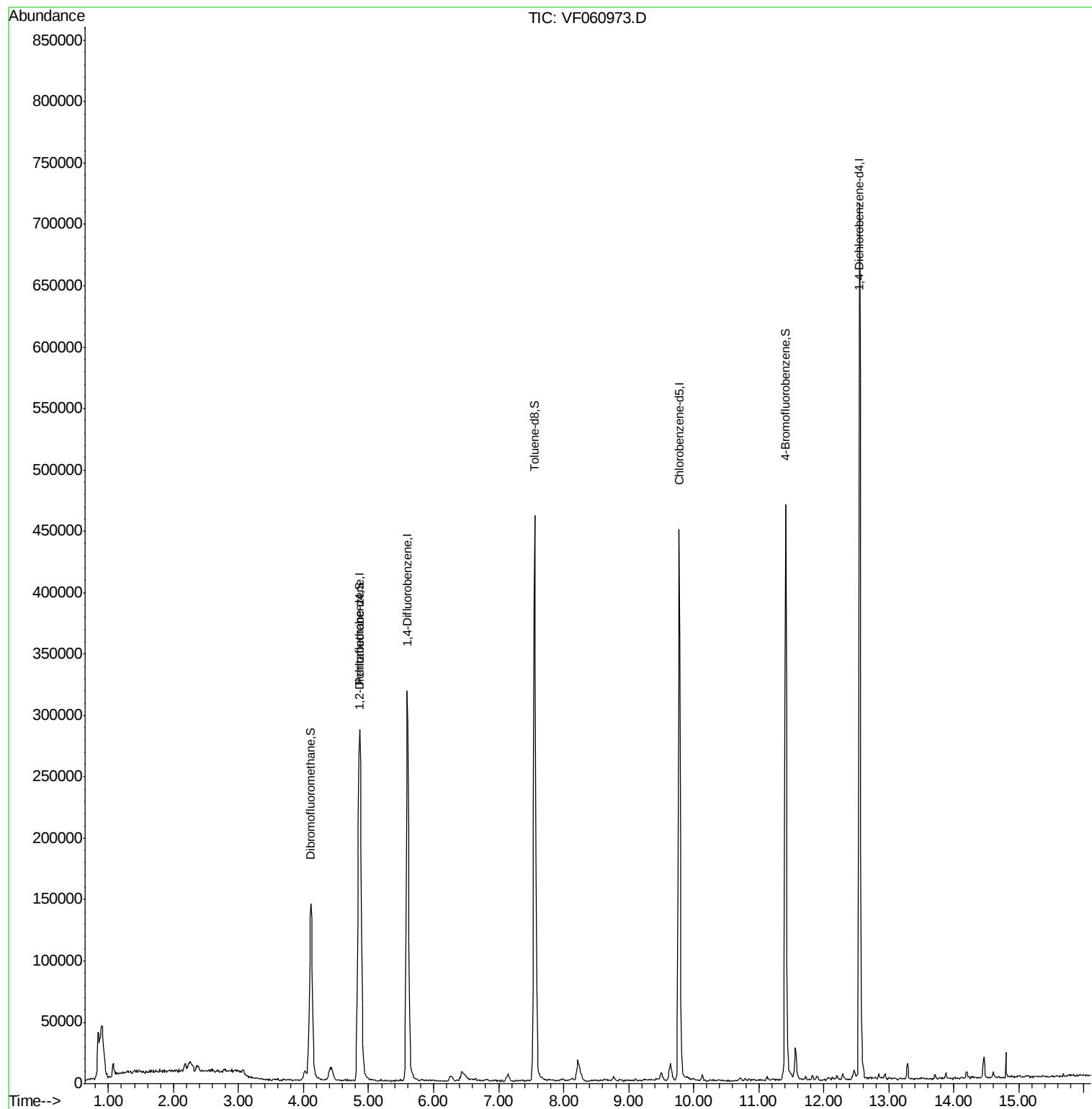
Target Compounds	Qvalue

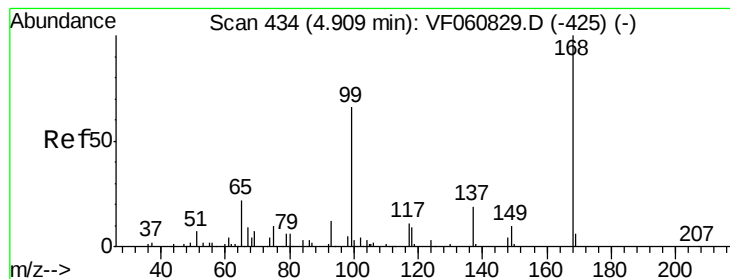
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060973.D
Acq On : 11 Dec 2018 13:32
Operator : VA/AP
Sample : VF1211SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1211SBL01

Quant Time: Dec 12 06:39:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060973.D

Acq: 11 Dec 2018 13:32

Instrument :

MSVOA_F

ClientSampleId :

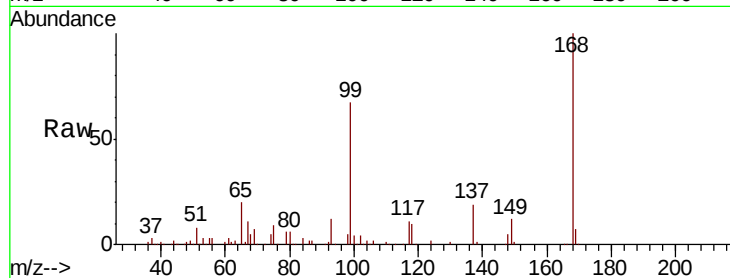
VF1211SBL01

Tot Ion:168 Resp: 208707

Ion Ratio Lower Upper

168 100

99 67.4 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

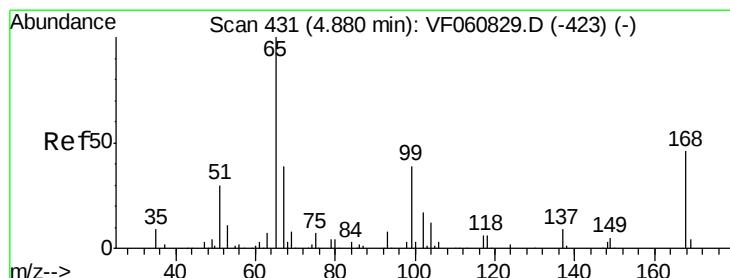
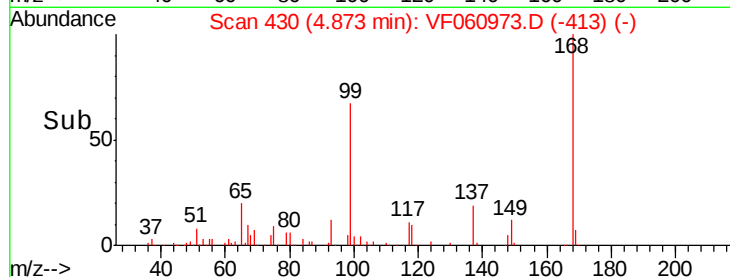
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.516 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060973.D

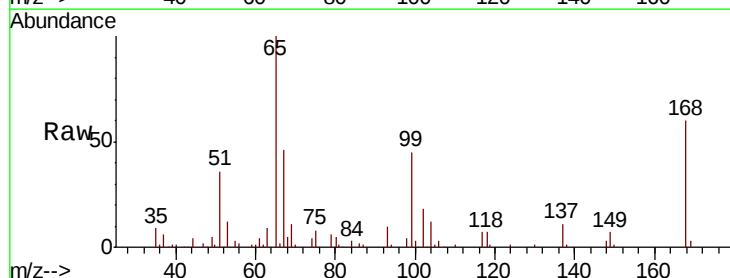
Acq: 11 Dec 2018 13:32

Tgt Ion: 65 Resp: 121743

Ion Ratio Lower Upper

65 100

67 46.5 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

30000

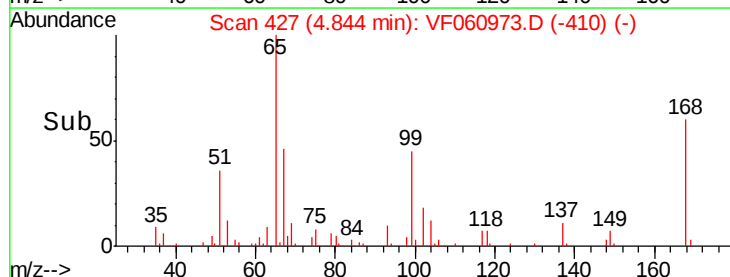
20000

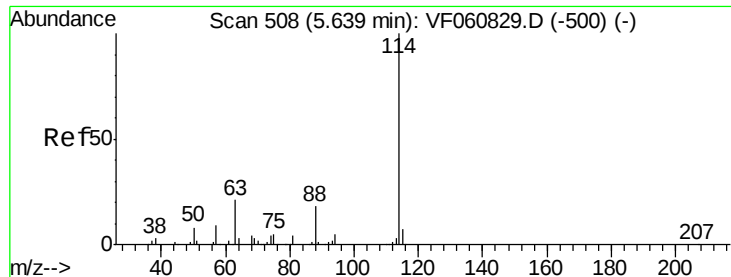
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060973.D

Acq: 11 Dec 2018 13:32

Instrument :

MSVOA_F

ClientSampleId :

VF1211SBL01

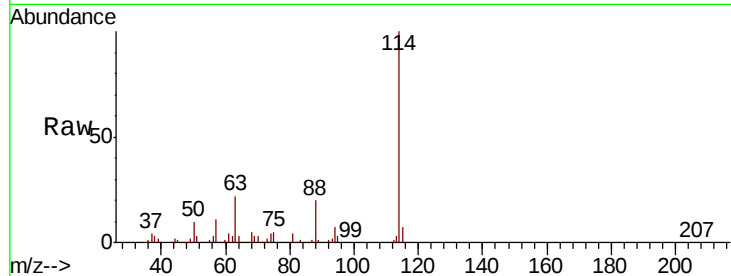
Tot Ion:114 Resp: 350898

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

88 20.3 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

150000

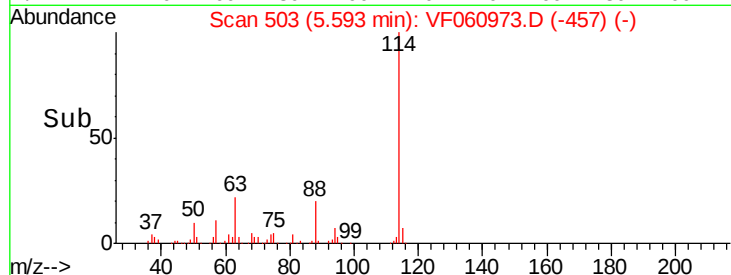
100000

50000

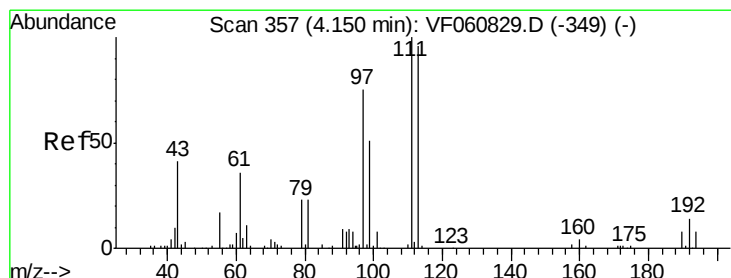
0

5.59

5.40 5.50 5.60 5.70 5.80



Time-->



#35

Dibromofluoromethane

Concen: 51.486 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060973.D

Acq: 11 Dec 2018 13:32

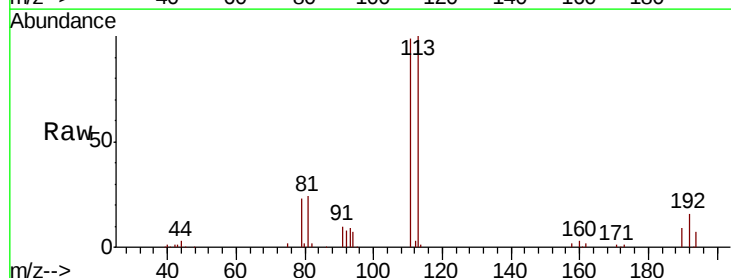
Tgt Ion:113 Resp: 143325

Ion Ratio Lower Upper

113 100

111 98.9 83.0 124.6

192 15.8 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

60000

50000

40000

30000

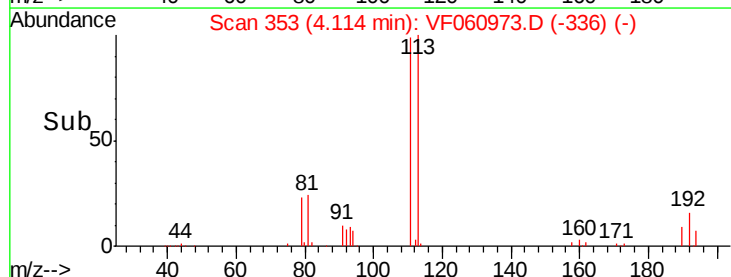
20000

10000

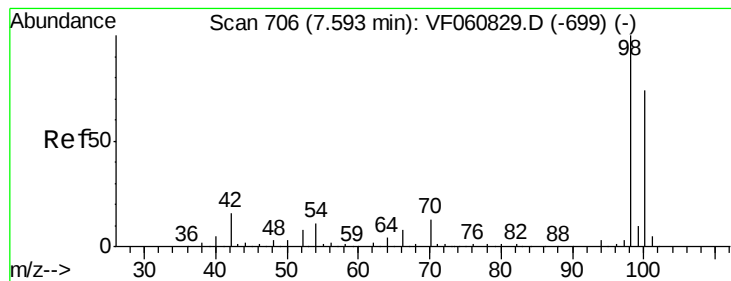
0

4.11

4.00 4.10 4.20 4.30



Time-->



#50

Toluene-d8

Concen: 45.531 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF060973.D

Acq: 11 Dec 2018 13:32

Instrument :

MSVOA_F

ClientSampleId :

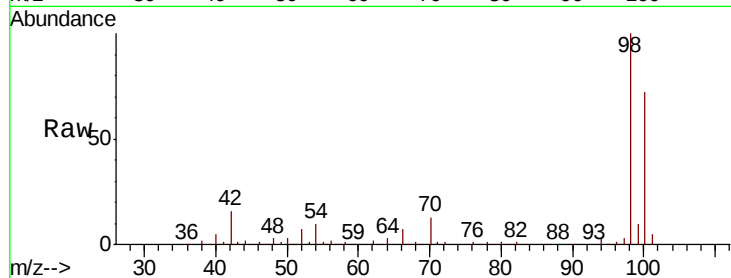
VF1211SBL01

Tot Ion: 98 Resp: 373359

Ion Ratio Lower Upper

98 100

100 71.9 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.56

150000

100000

50000

0

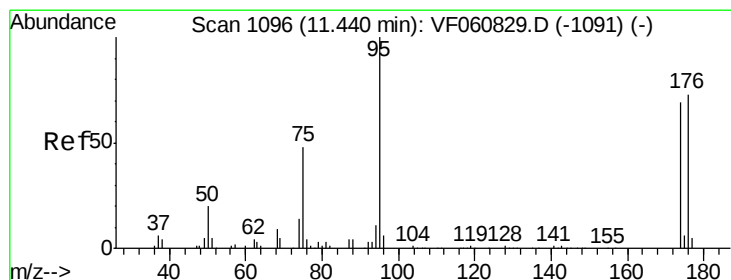
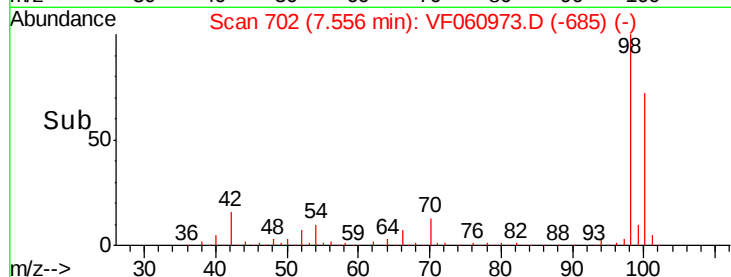
Time-->

7.40

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 47.739 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060973.D

Acq: 11 Dec 2018 13:32

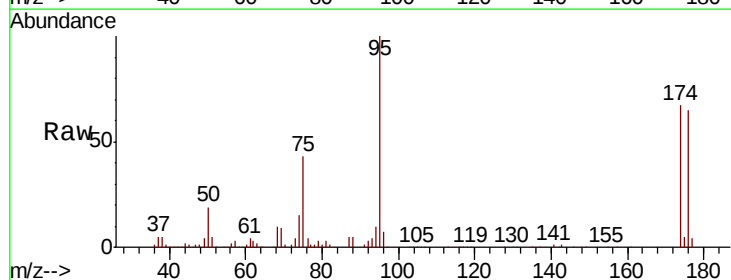
Tgt Ion: 95 Resp: 177917

Ion Ratio Lower Upper

95 100

174 67.3 0.0 138.2

176 64.6 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

11.41

100000

50000

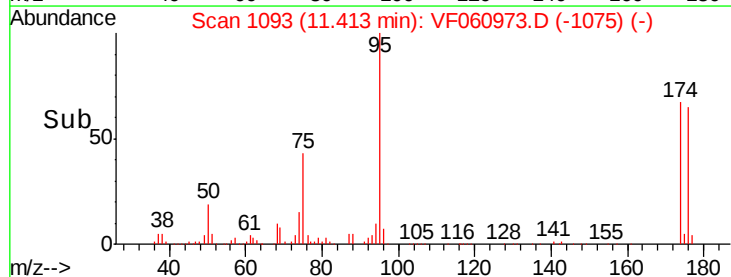
0

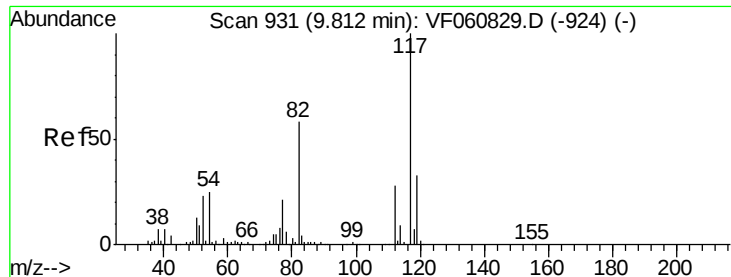
Time-->

11.30

11.40

11.50

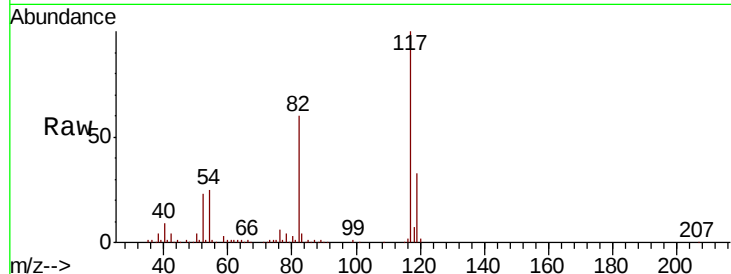




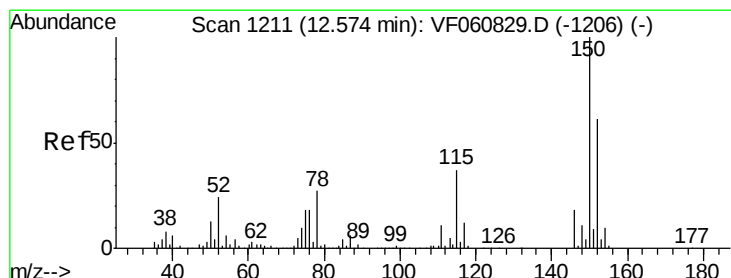
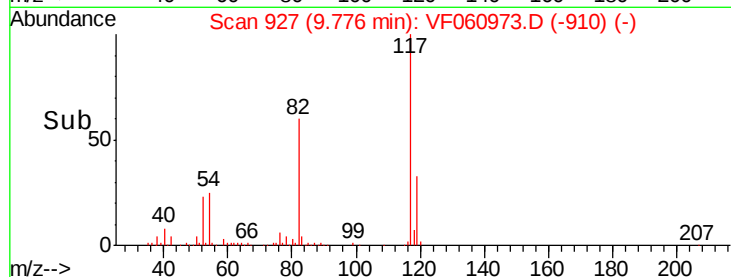
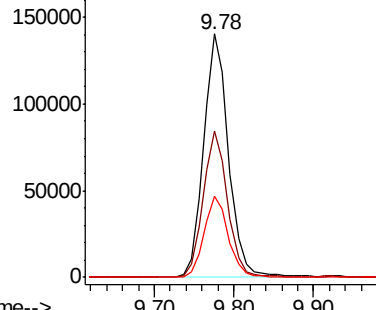
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060973.D
Acq: 11 Dec 2018 13:32

Instrument :
MSVOA_F
ClientSampleId :
VF1211SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.6	69.8
119	33.1	26.4	39.6

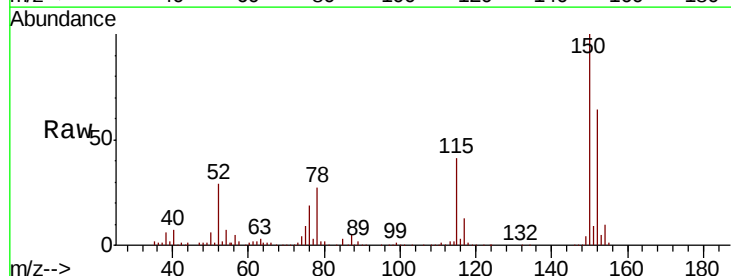


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060973.D
Acq: 11 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.1	90.5
150	155.4	0.0	327.6



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

