

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059417.D
 Acq On : 3 Jul 2018 17:35
 Operator : VA/AP
 Sample : J3245-21RE
 Misc : 6.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-062918-C

Quant Time: Jul 04 01:41:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

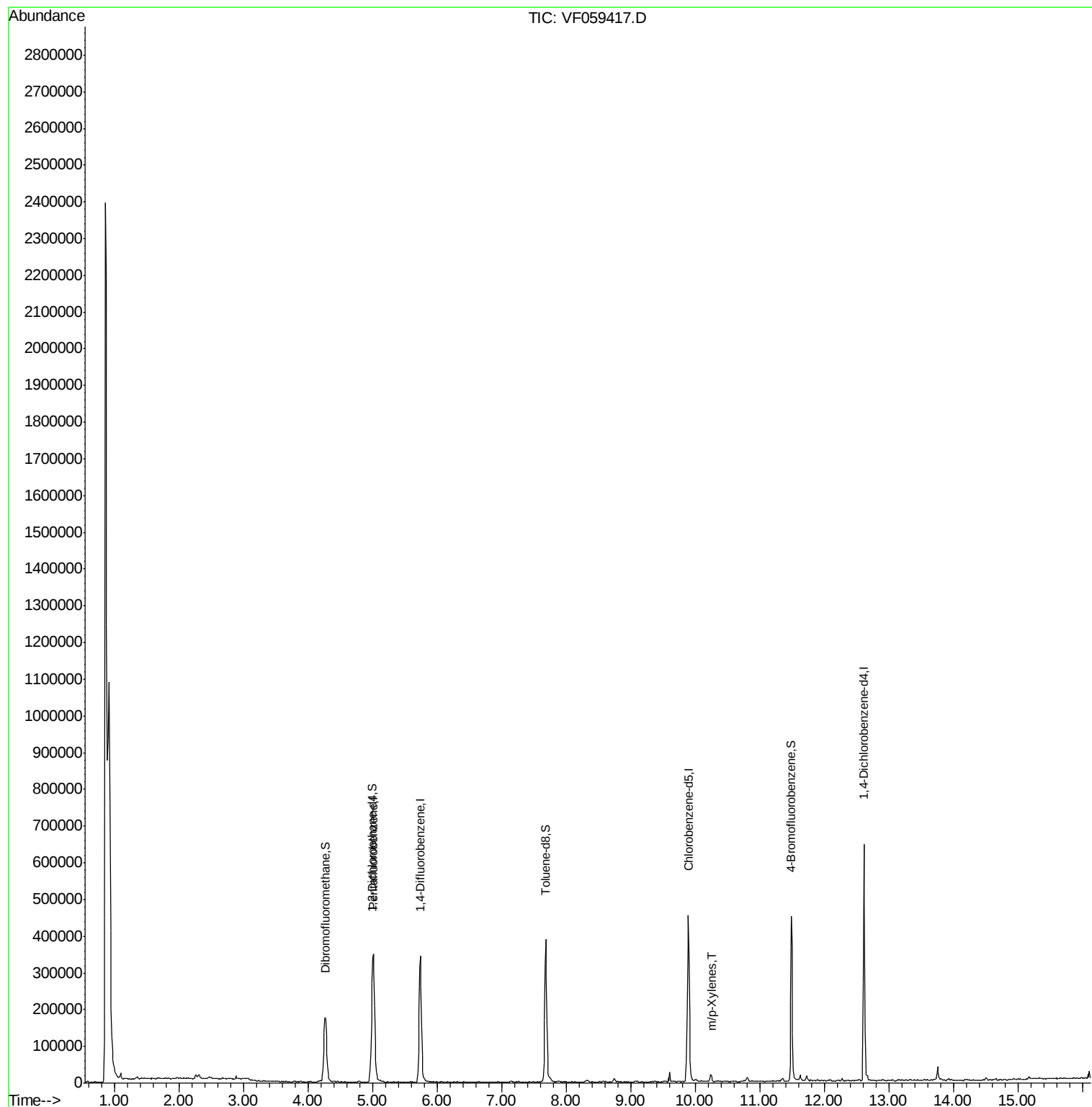
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	234510	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	346277	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	316688	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	157895	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	173010	57.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.20%	
35) Dibromofluoromethane	4.26	113	156161	61.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.44%	
50) Toluene-d8	7.68	98	307873	49.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.49	95	150962	42.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.44%	
Target Compounds						
68) m/p-Xylenes	10.24	106	5651	1.595	ug/l	Qvalue 86

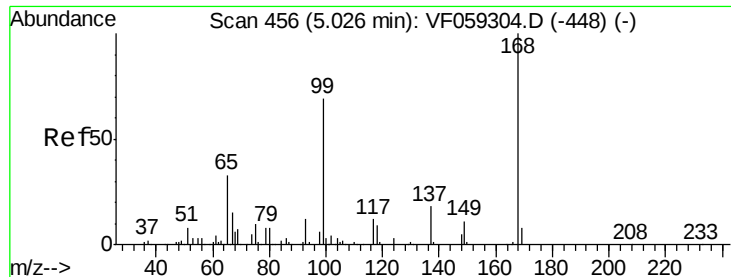
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070318\
Data File : VF059417.D
Acq On : 3 Jul 2018 17:35
Operator : VA/AP
Sample : J3245-21RE
Misc : 6.34g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Quant Time: Jul 04 01:41:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

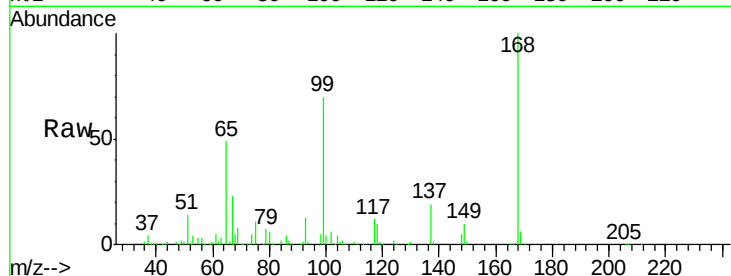
CL-01-062918-C

Tot Ion:168 Resp: 234510

Ion Ratio Lower Upper

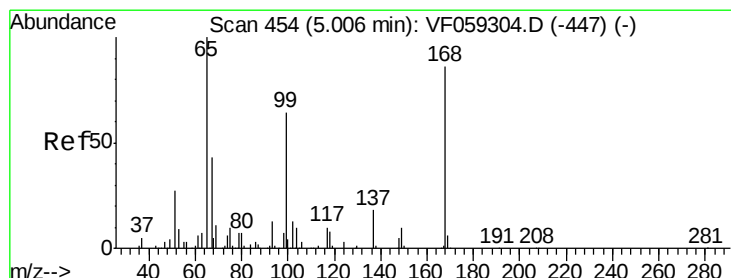
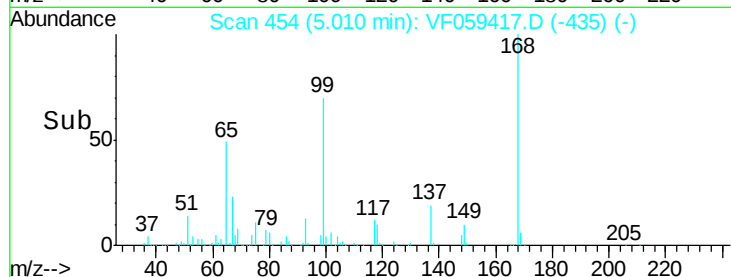
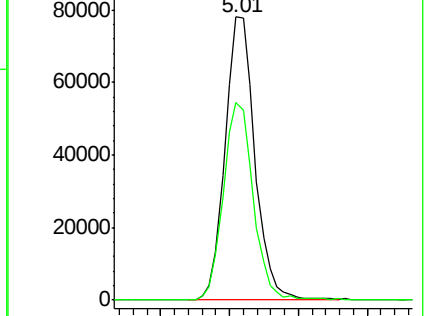
168 100

99 69.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 57.102 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059417.D

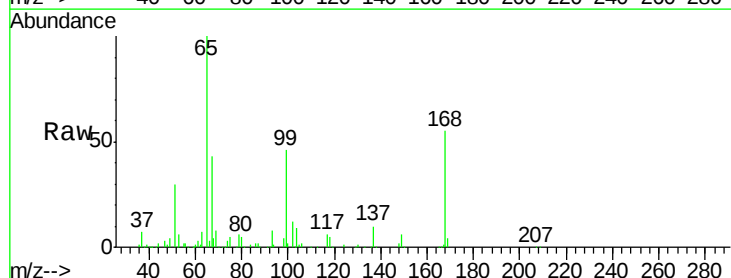
Acq: 3 Jul 2018 17:35

Tgt Ion: 65 Resp: 173010

Ion Ratio Lower Upper

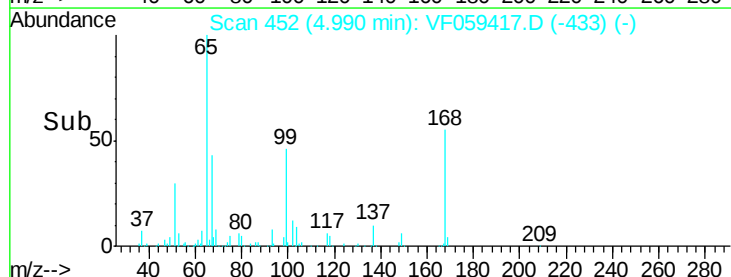
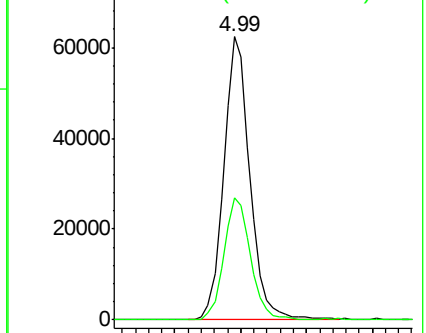
65 100

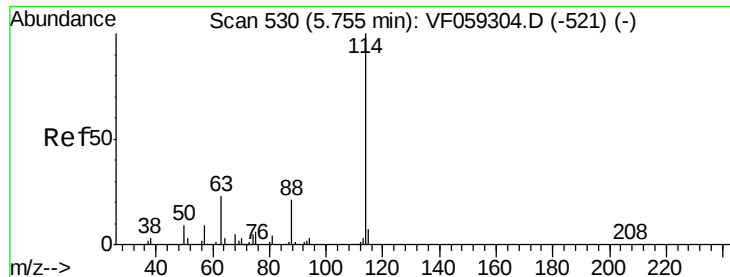
67 43.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

CL-01-062918-C

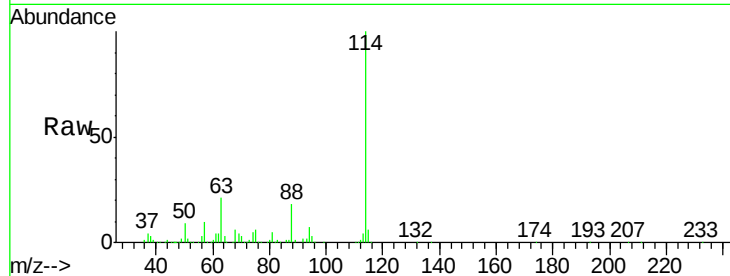
Tot Ion:114 Resp: 346277

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.8

88 18.1 0.0 41.2



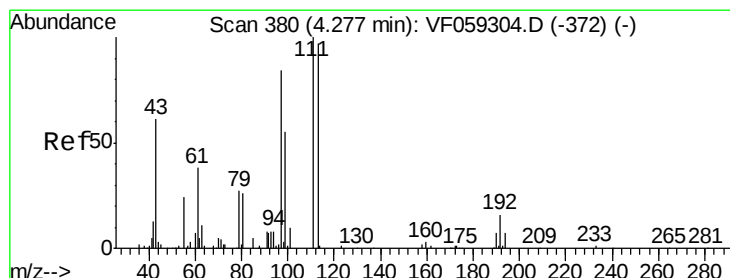
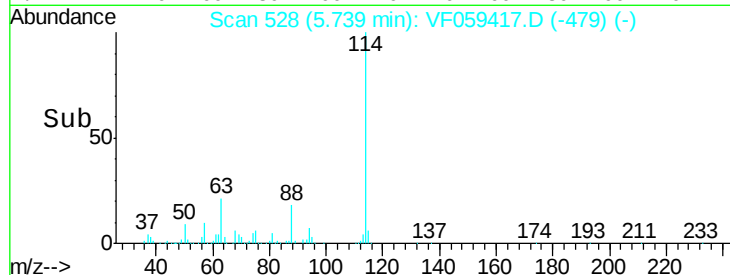
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.74

Time-->



#35

Dibromofluoromethane

Concen: 61.720 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

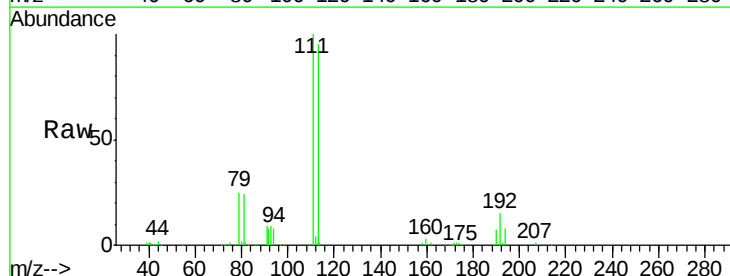
Tgt Ion:113 Resp: 156161

Ion Ratio Lower Upper

113 100

111 105.5 82.1 123.1

192 16.3 13.0 19.6



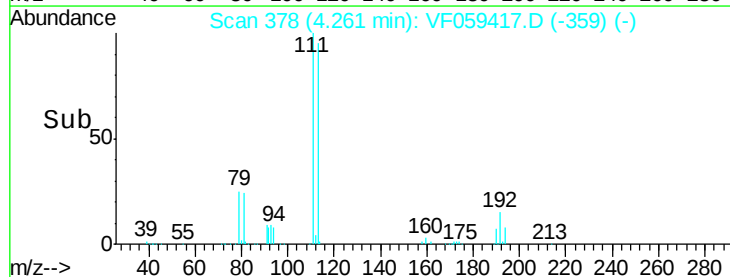
Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.26

Time-->





#50

Toluene-d8

Concen: 49.147 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

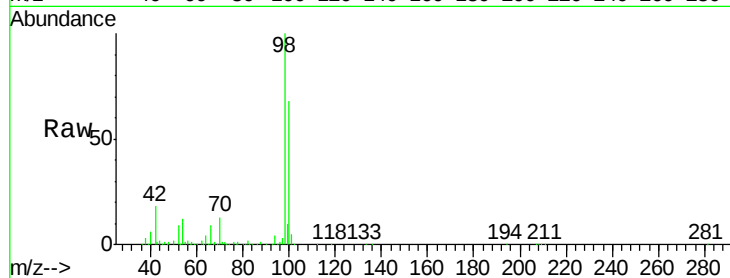
CL-01-062918-C

Tot Ion: 98 Resp: 307873

Ion Ratio Lower Upper

98 100

100 68.1 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.68

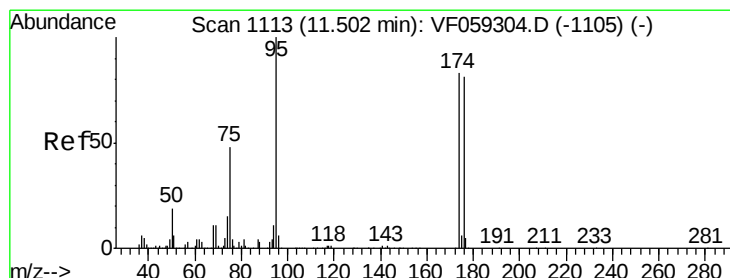
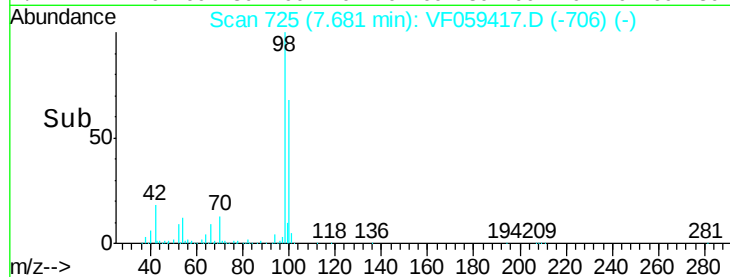
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.721 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

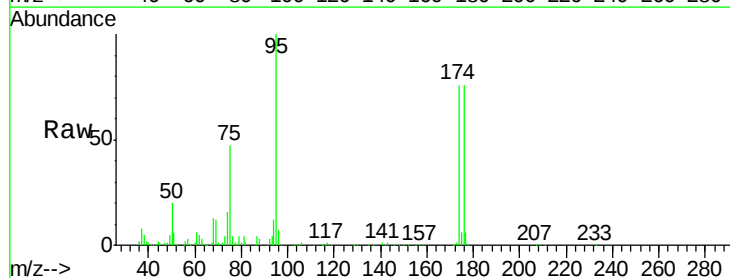
Tgt Ion: 95 Resp: 150962

Ion Ratio Lower Upper

95 100

174 76.2 0.0 165.2

176 75.7 0.0 161.0



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

11.49

120000

100000

80000

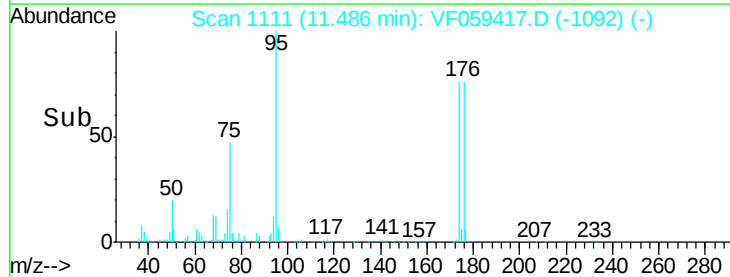
60000

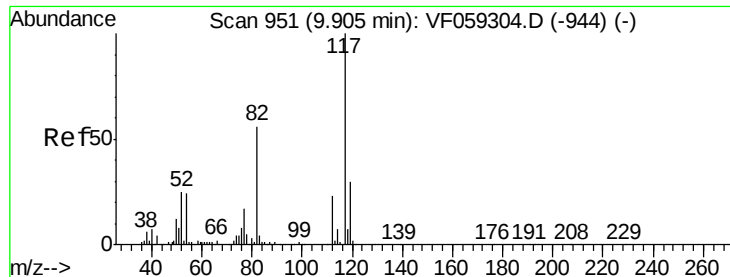
40000

20000

0

Time-->

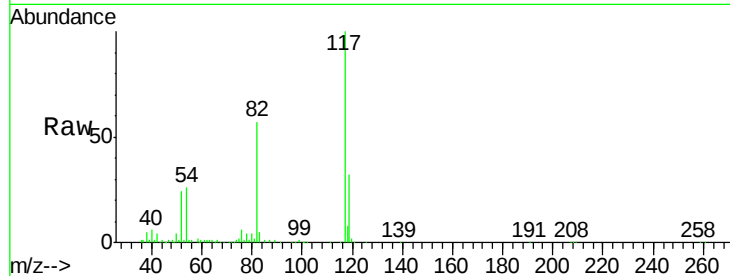




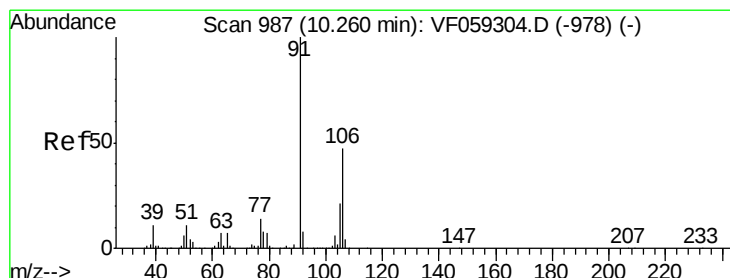
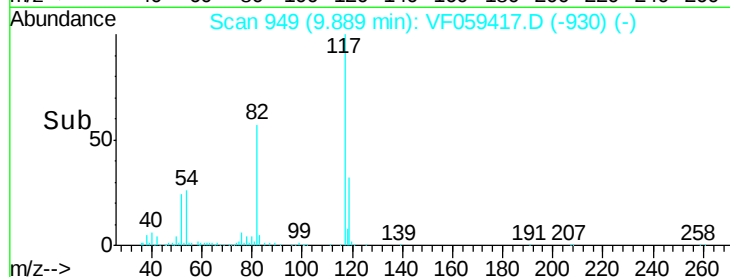
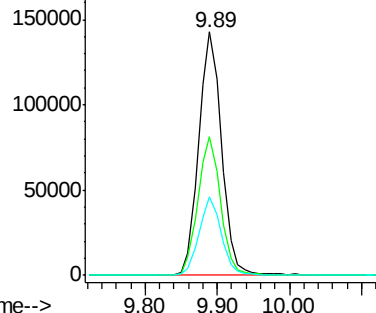
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Tot Ion:117 Resp: 316688
Ion Ratio Lower Upper
117 100
82 56.9 44.6 66.8
119 32.4 24.1 36.1

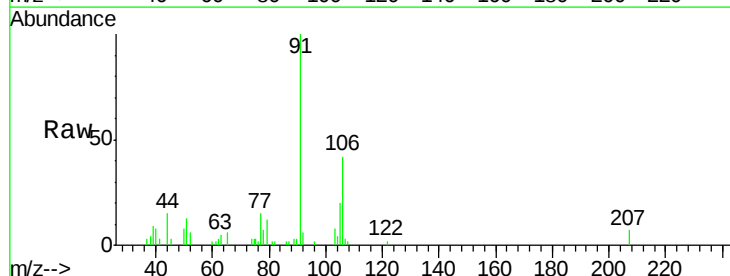


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

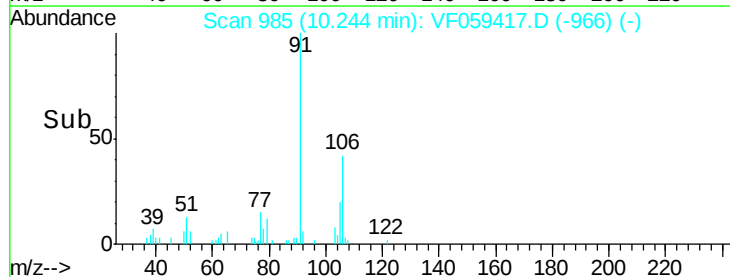
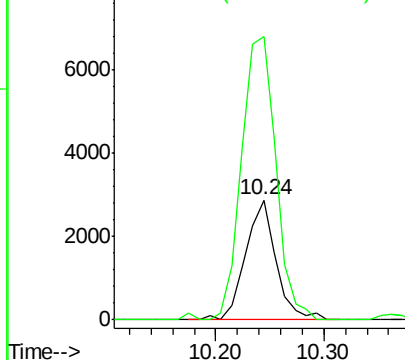


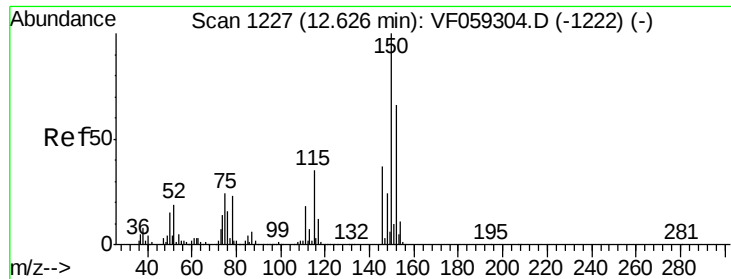
#68
m/p-Xylenes
Concen: 1.595 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion:106 Resp: 5651
Ion Ratio Lower Upper
106 100
91 235.9 170.8 256.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059417.D

Acq: 3 Jul 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

CL-01-062918-C

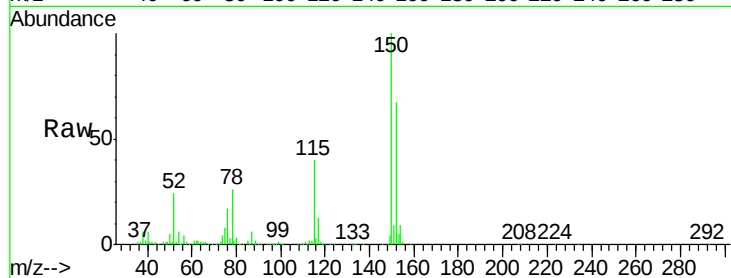
Tot Ion:152 Resp: 157895

Ion Ratio Lower Upper

152 100

115 60.6 27.1 81.3

150 150.2 0.0 305.2



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

