

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059341.D
 Acq On : 27 Jun 2018 16:14
 Operator : VA/AP
 Sample : J3677-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 93-95-B1(0-2.5)

Quant Time: Jun 28 02:00:53 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	5.02	168	222030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	340353	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	348836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	212602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	113108	39.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.86%	
35) Dibromofluoromethane	4.27	113	107697	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
50) Toluene-d8	7.70	98	241864	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	11.50	95	141371	40.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.40%	

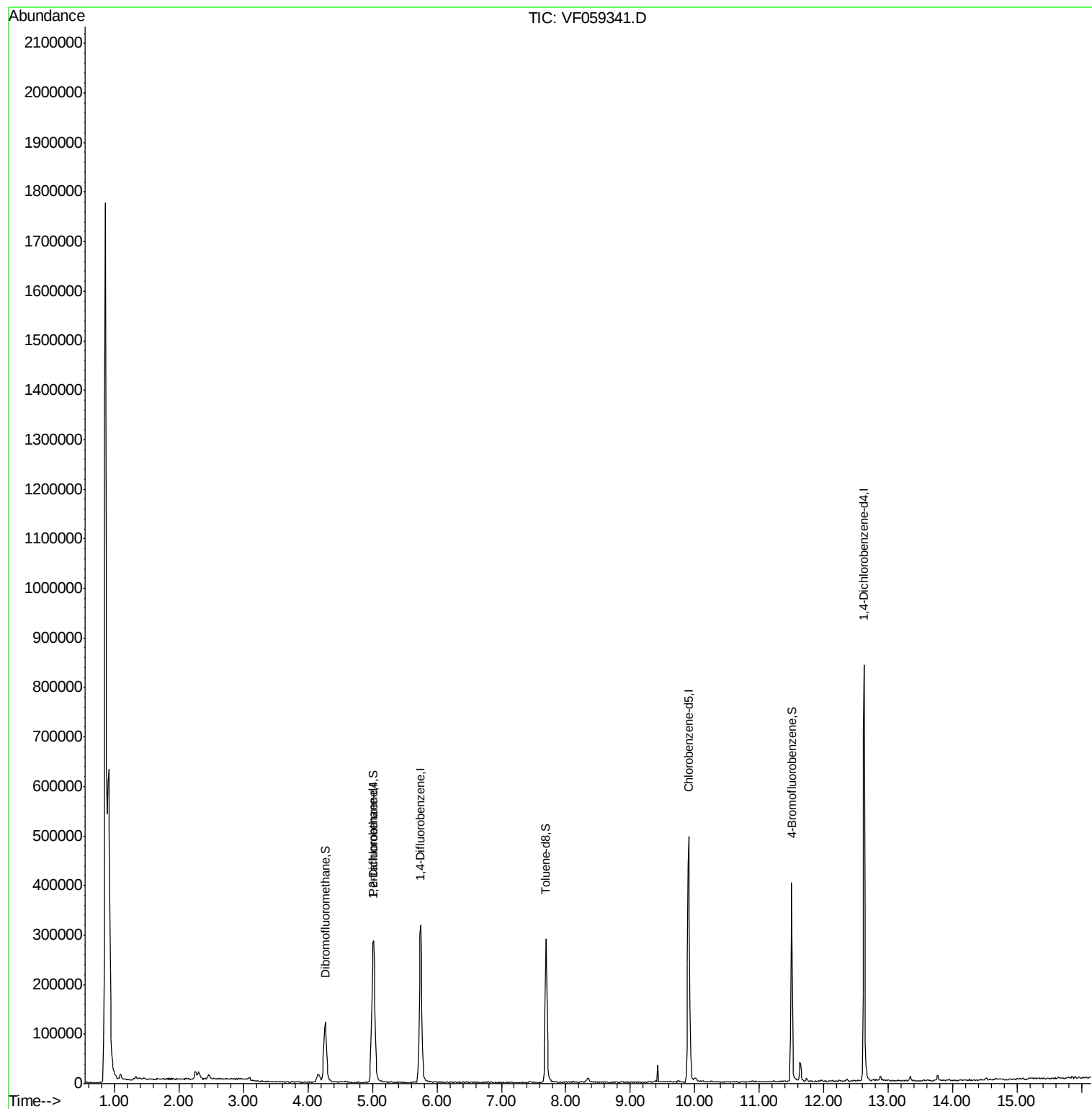
Target Compounds Qvalue

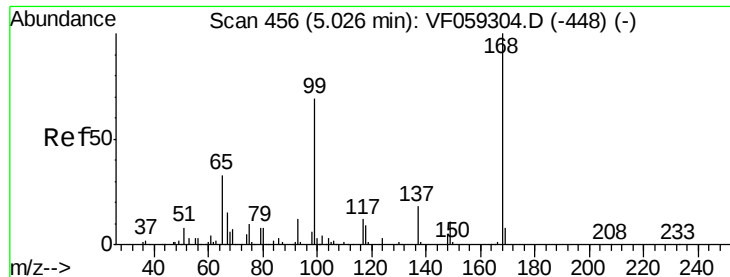
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059341.D

Acq: 27 Jun 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

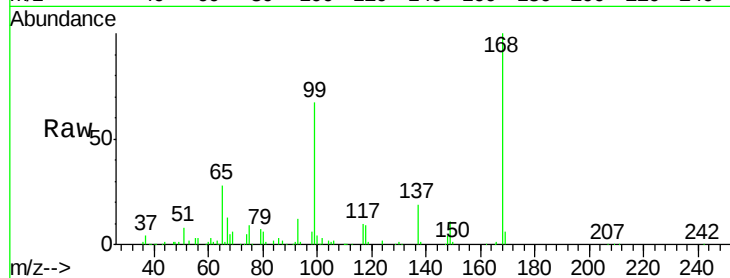
93-95-B1(0-2.5)

Tot Ion:168 Resp: 222030

Ion Ratio Lower Upper

168 100

99 66.6 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

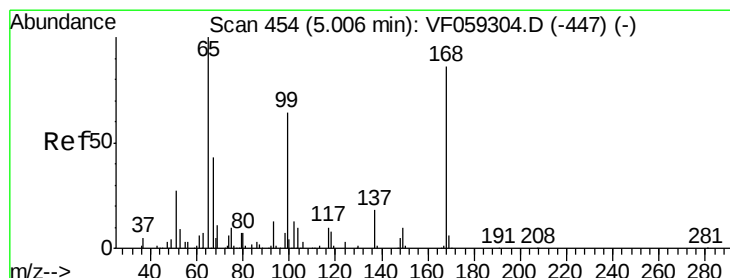
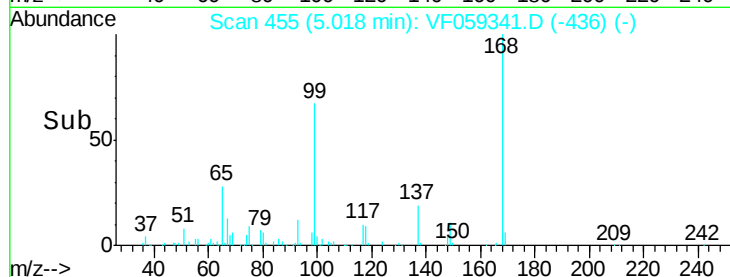
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 39.43 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059341.D

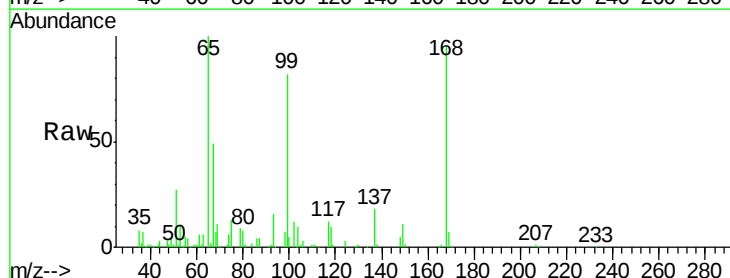
Acq: 27 Jun 2018 16:14

Tgt Ion: 65 Resp: 113108

Ion Ratio Lower Upper

65 100

67 48.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

40000

30000

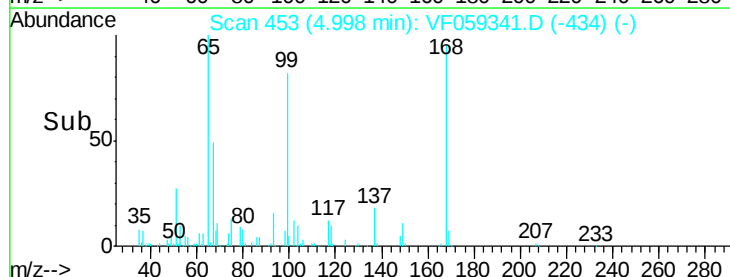
20000

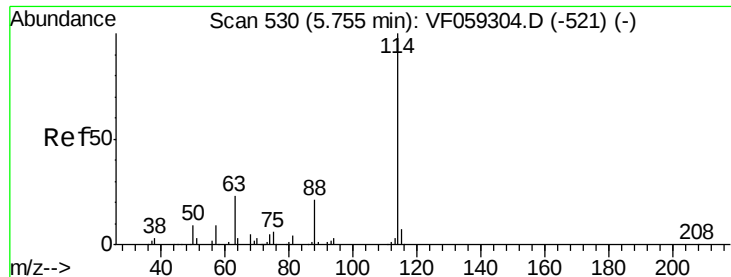
10000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059341.D

Acq: 27 Jun 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

93-95-B1(0-2.5)

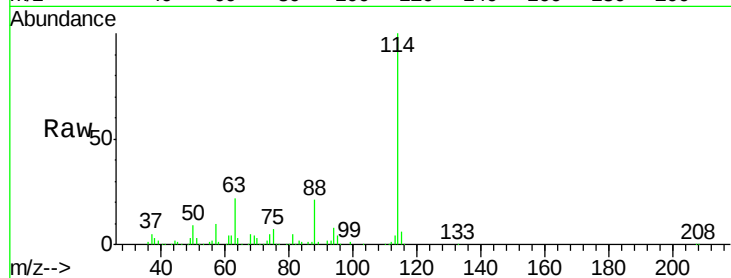
Tot Ion:114 Resp: 340353

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.8

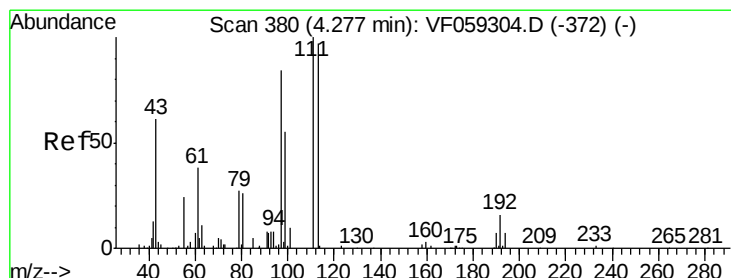
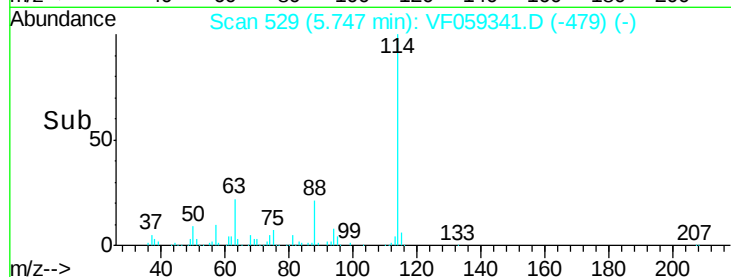
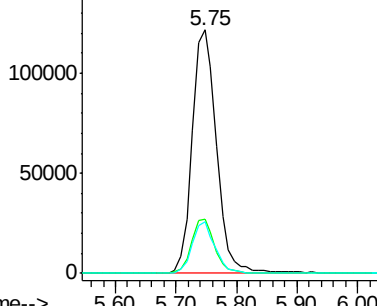
88 21.0 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 43.31 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059341.D

Acq: 27 Jun 2018 16:14

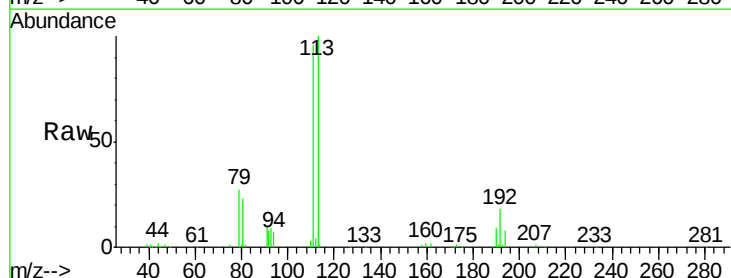
Tgt Ion:113 Resp: 107697

Ion Ratio Lower Upper

113 100

111 96.0 82.1 123.1

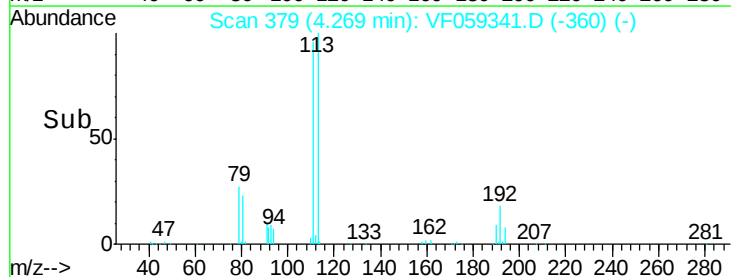
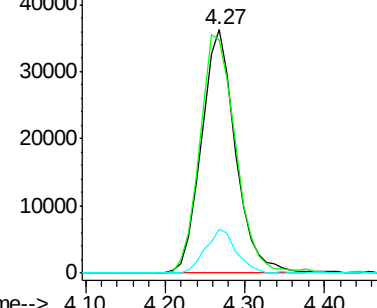
192 18.0 13.0 19.6



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





#50

Toluene-d8

Concen: 39.28 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF059341.D

Acq: 27 Jun 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

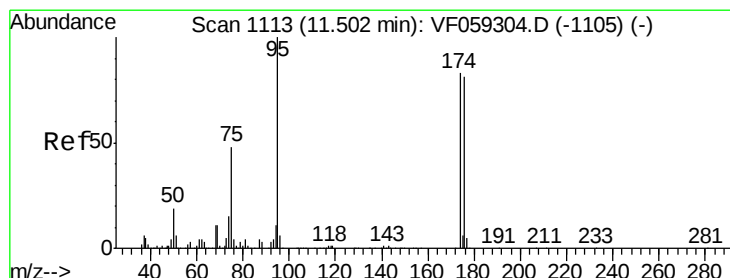
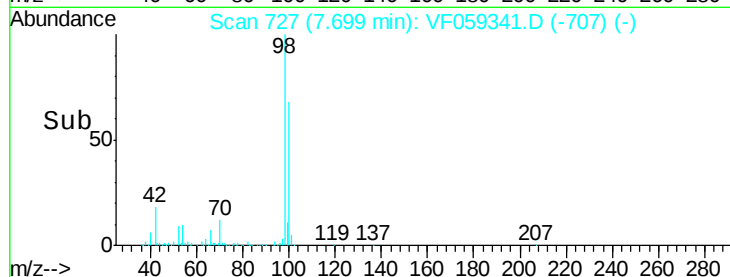
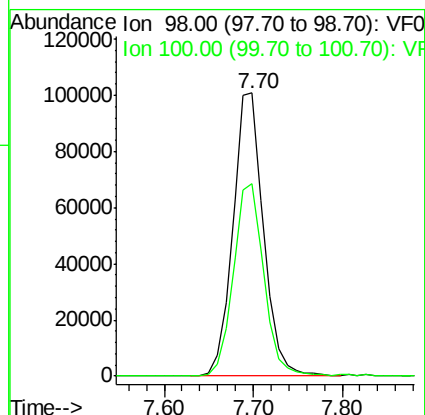
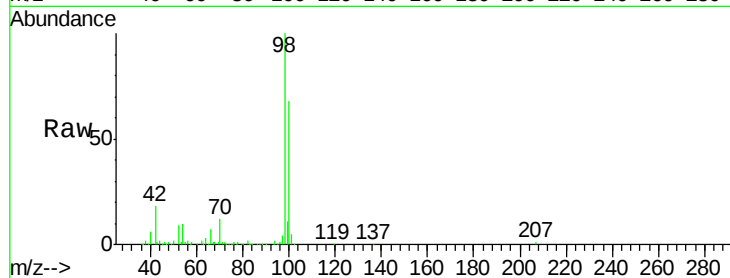
93-95-B1(0-2.5)

Tot Ion: 98 Resp: 241864

Ion Ratio Lower Upper

98 100

100 67.8 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 40.70 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059341.D

Acq: 27 Jun 2018 16:14

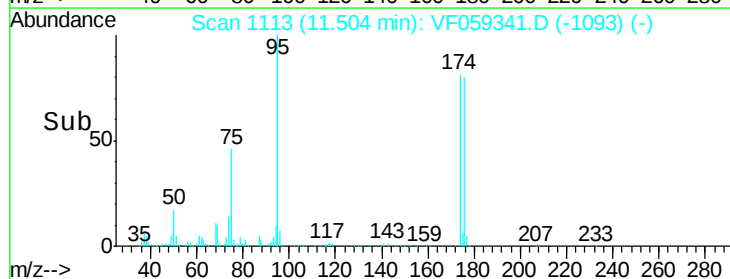
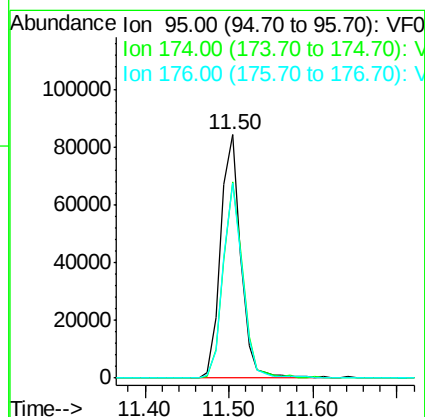
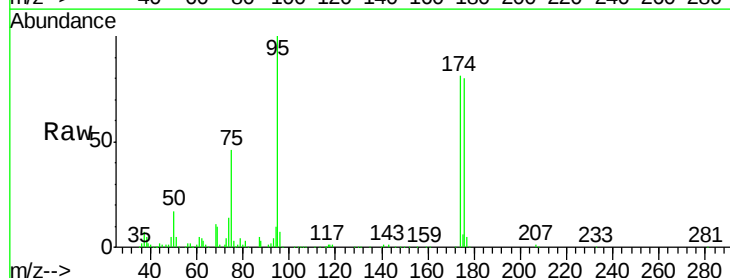
Tgt Ion: 95 Resp: 141371

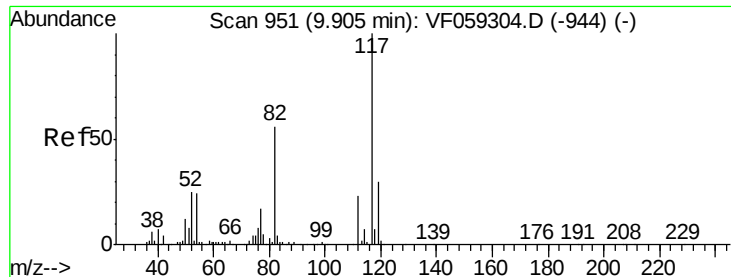
Ion Ratio Lower Upper

95 100

174 80.5 0.0 165.2

176 80.1 0.0 161.0

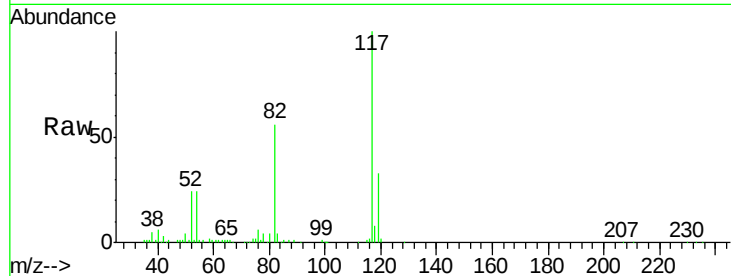




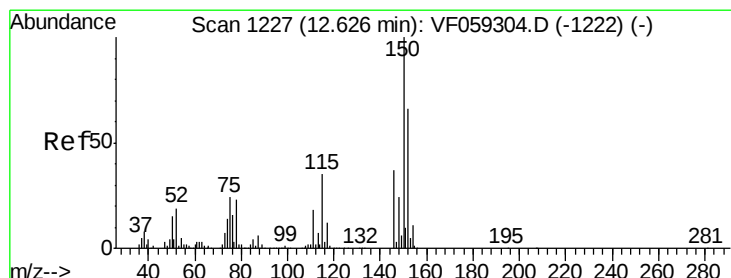
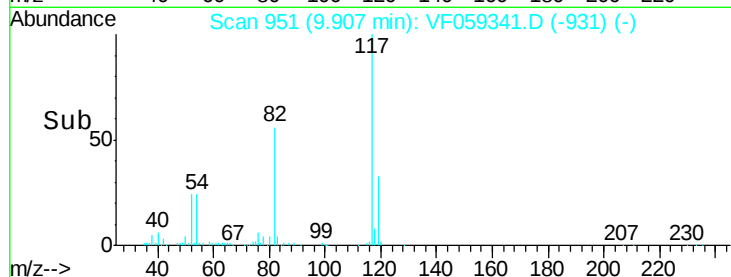
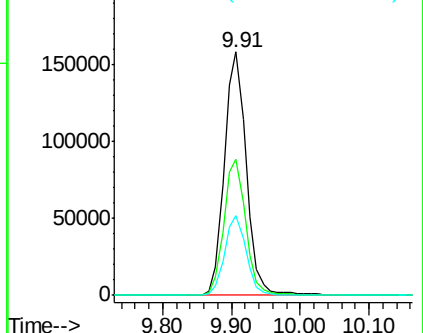
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF059341.D
Acq: 27 Jun 2018 16:14

Instrument :
MSVOA_F
ClientSampleId :
93-95-B1(0-2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	66.8
119	32.5	24.1	36.1

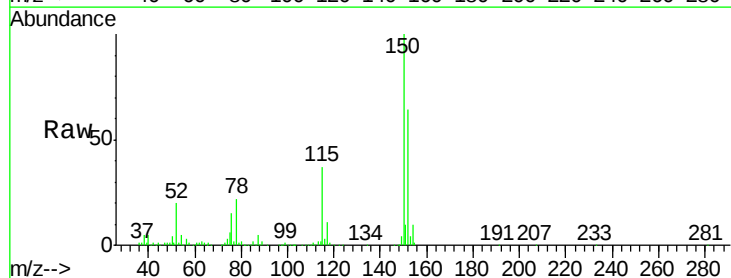


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059341.D
Acq: 27 Jun 2018 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.1	81.3
150	157.0	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

