

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059346.D
 Acq On : 27 Jun 2018 18:32
 Operator : VA/AP
 Sample : J3677-06
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 93-95-B3(10-15)

Quant Time: Jun 28 02:20:16 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	5.04	168	199090	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	295442	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	301587	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	179883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	108511	42.19	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.38%	
35) Dibromofluoromethane	4.29	113	96494	44.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	7.70	98	209046	39.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.22%	
62) 4-Bromofluorobenzene	11.50	95	113987	37.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.62%	

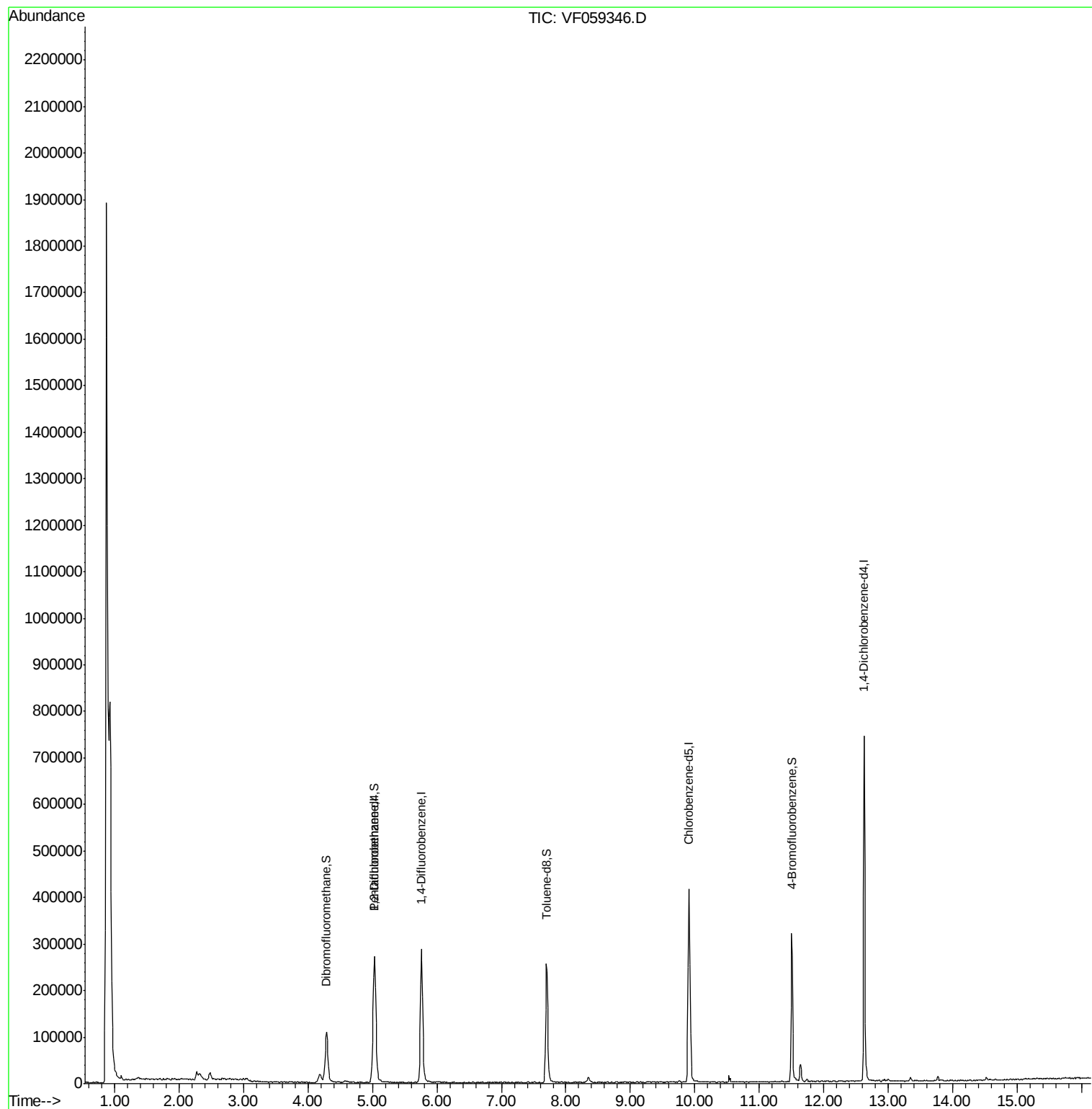
Target Compounds	Qvalue

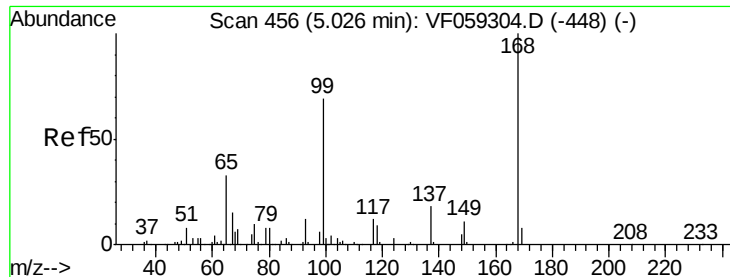
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059346.D

Acq: 27 Jun 2018 18:32

Instrument :

MSVOA_F

ClientSampleId :

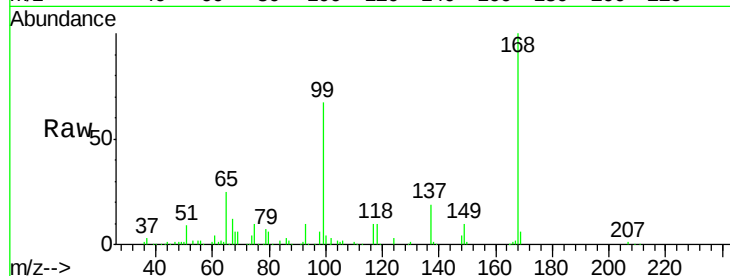
93-95-B3(10-15)

Tot Ion:168 Resp: 199090

Ion Ratio Lower Upper

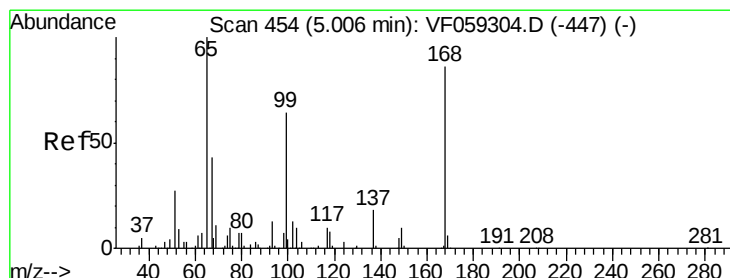
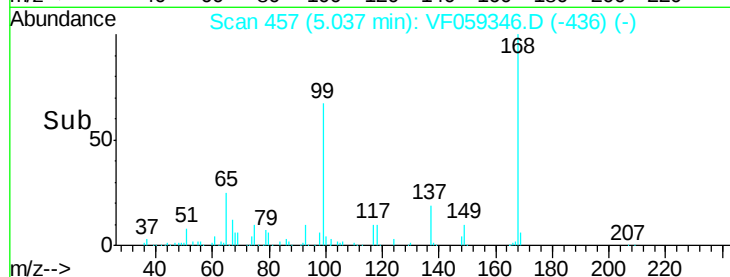
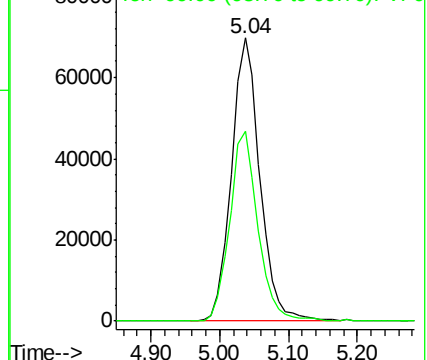
168 100

99 66.9 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: 42.19 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059346.D

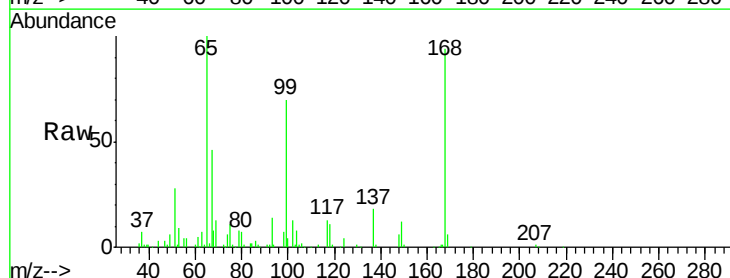
Acq: 27 Jun 2018 18:32

Tgt Ion: 65 Resp: 108511

Ion Ratio Lower Upper

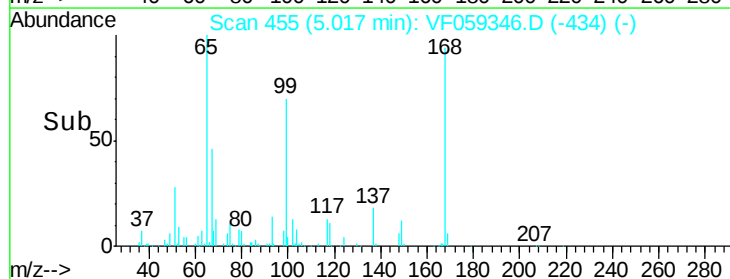
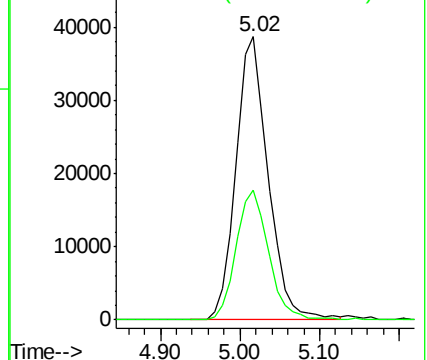
65 100

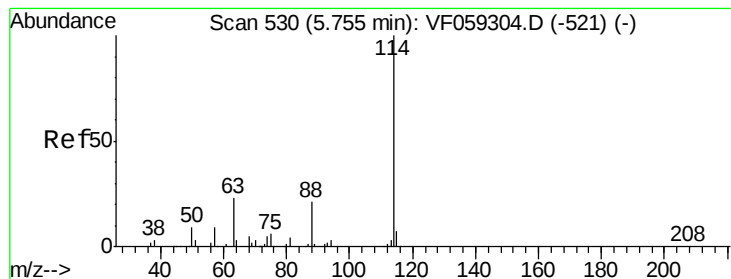
67 45.7 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059346.D

Acq: 27 Jun 2018 18:32

Instrument :

MSVOA_F

ClientSampleId :

93-95-B3(10-15)

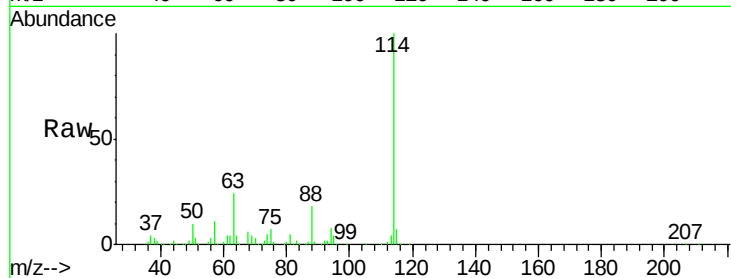
Tot Ion:114 Resp: 295442

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.8

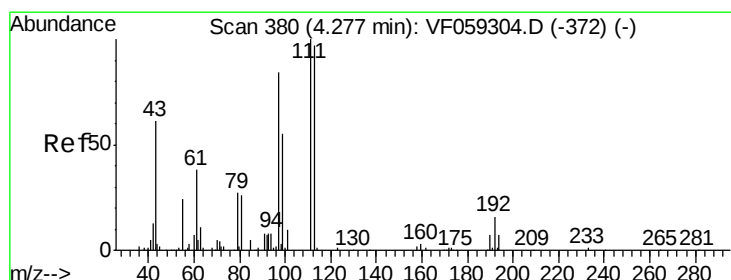
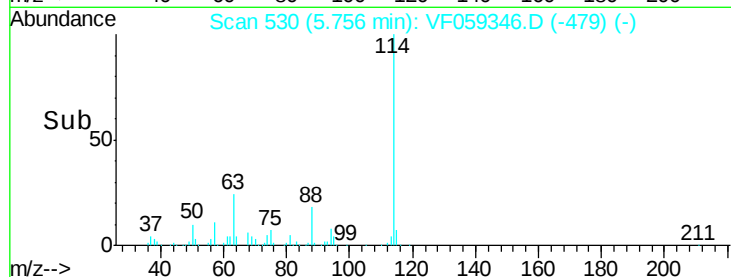
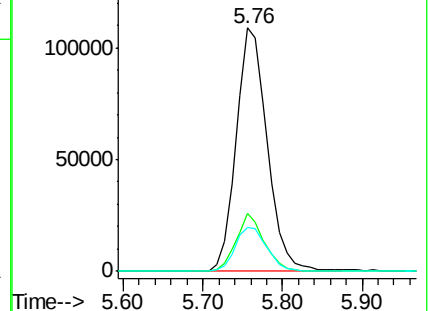
88 18.3 0.0 41.2



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: 44.70 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059346.D

Acq: 27 Jun 2018 18:32

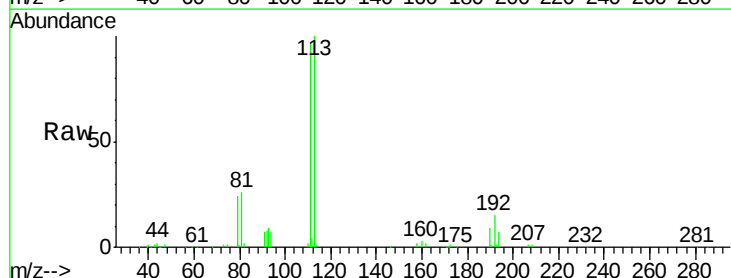
Tgt Ion:113 Resp: 96494

Ion Ratio Lower Upper

113 100

111 96.8 82.1 123.1

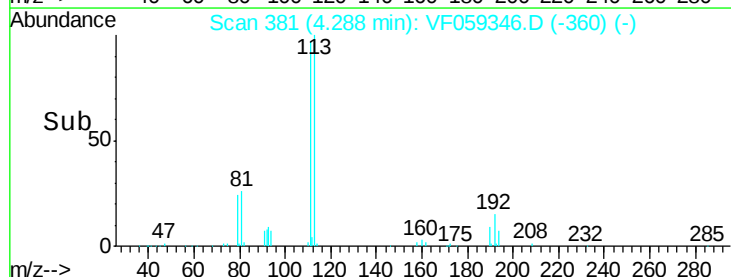
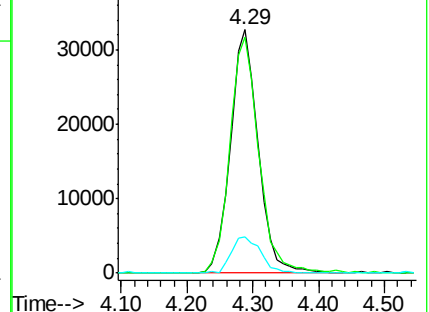
192 15.0 13.0 19.6



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: 39.11 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF059346.D

Acq: 27 Jun 2018 18:32

Instrument :

MSVOA_F

ClientSampleId :

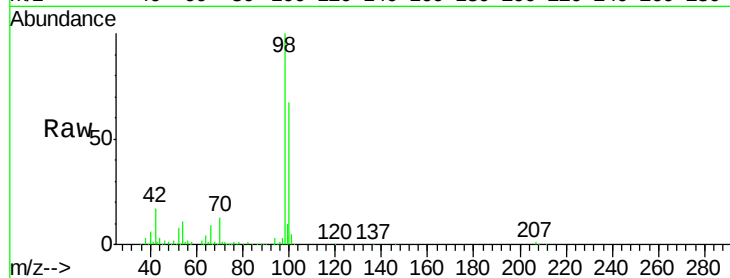
93-95-B3(10-15)

Tot Ion: 98 Resp: 209046

Ion Ratio Lower Upper

98 100

100 67.3 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

100000

80000

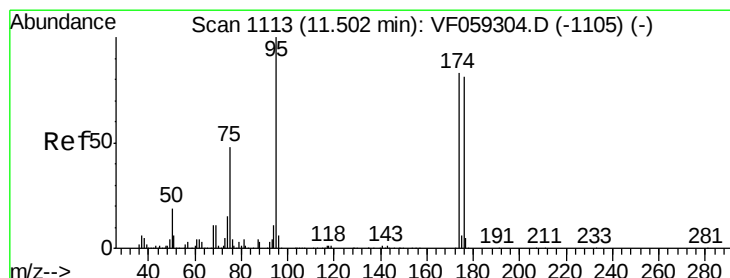
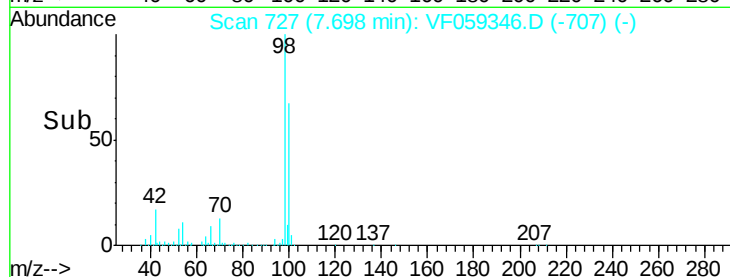
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.81 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059346.D

Acq: 27 Jun 2018 18:32

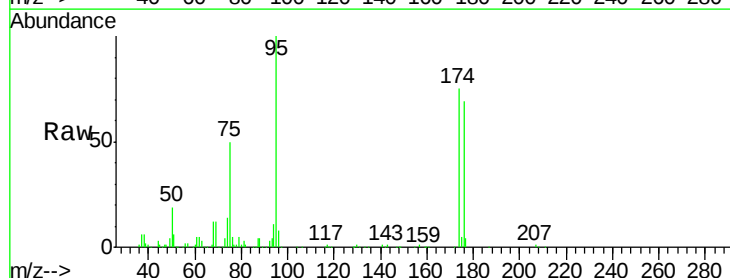
Tgt Ion: 95 Resp: 113987

Ion Ratio Lower Upper

95 100

174 75.0 0.0 165.2

176 69.4 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

11.50

80000

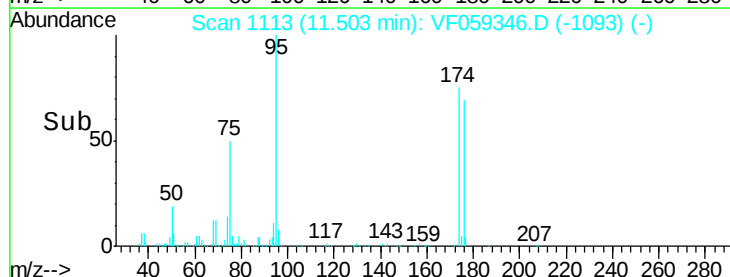
60000

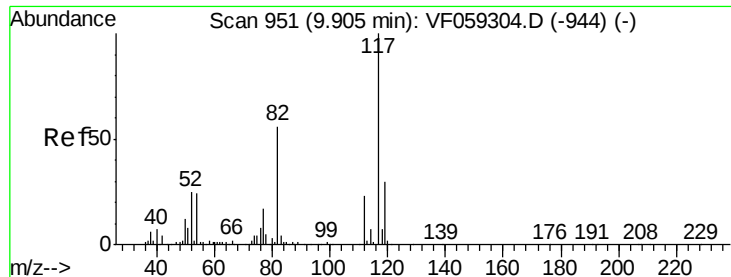
40000

20000

0

Time-->

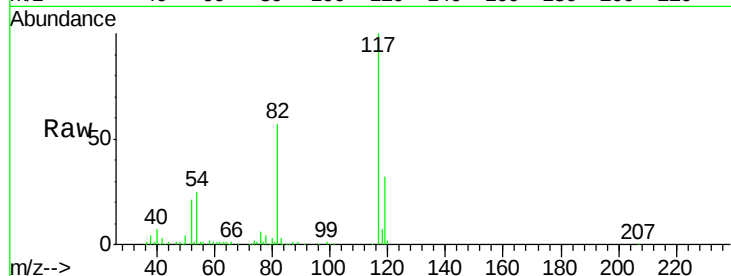




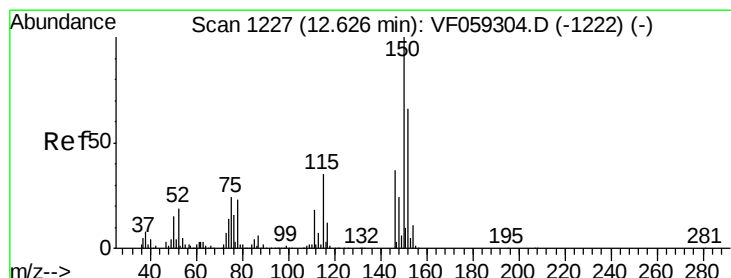
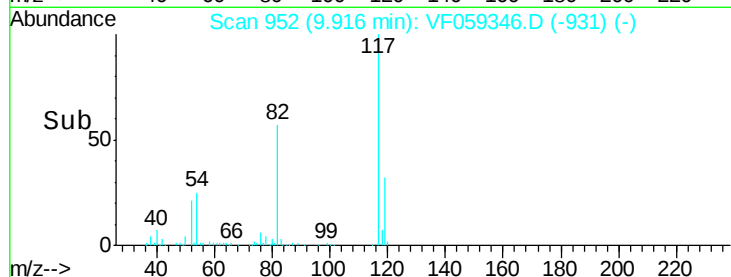
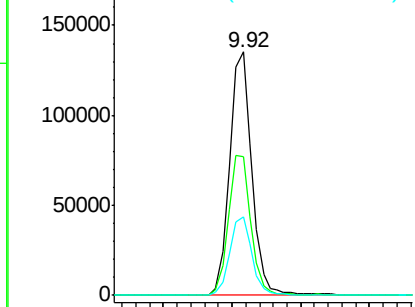
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059346.D
Acq: 27 Jun 2018 18:32

Instrument :
MSVOA_F
ClientSampleId :
93-95-B3(10-15)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	66.8
119	32.0	24.1	36.1

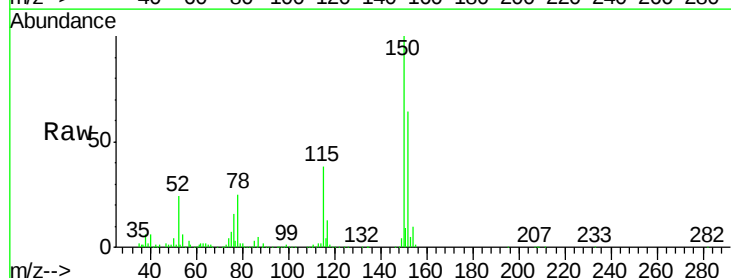


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059346.D
Acq: 27 Jun 2018 18:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	27.1	81.3
150	156.1	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

