

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059245.D
 Acq On : 21 Jun 2018 00:14
 Operator : VA/AP
 Sample : J3584-23RE
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-DRE

Quant Time: Jun 21 07:45:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	214486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	328877	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	348643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	214114	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	165877	63.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.54%	
35) Dibromofluoromethane	4.29	113	147159	63.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.54%	
50) Toluene-d8	7.71	98	345771	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.51	95	204541	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	

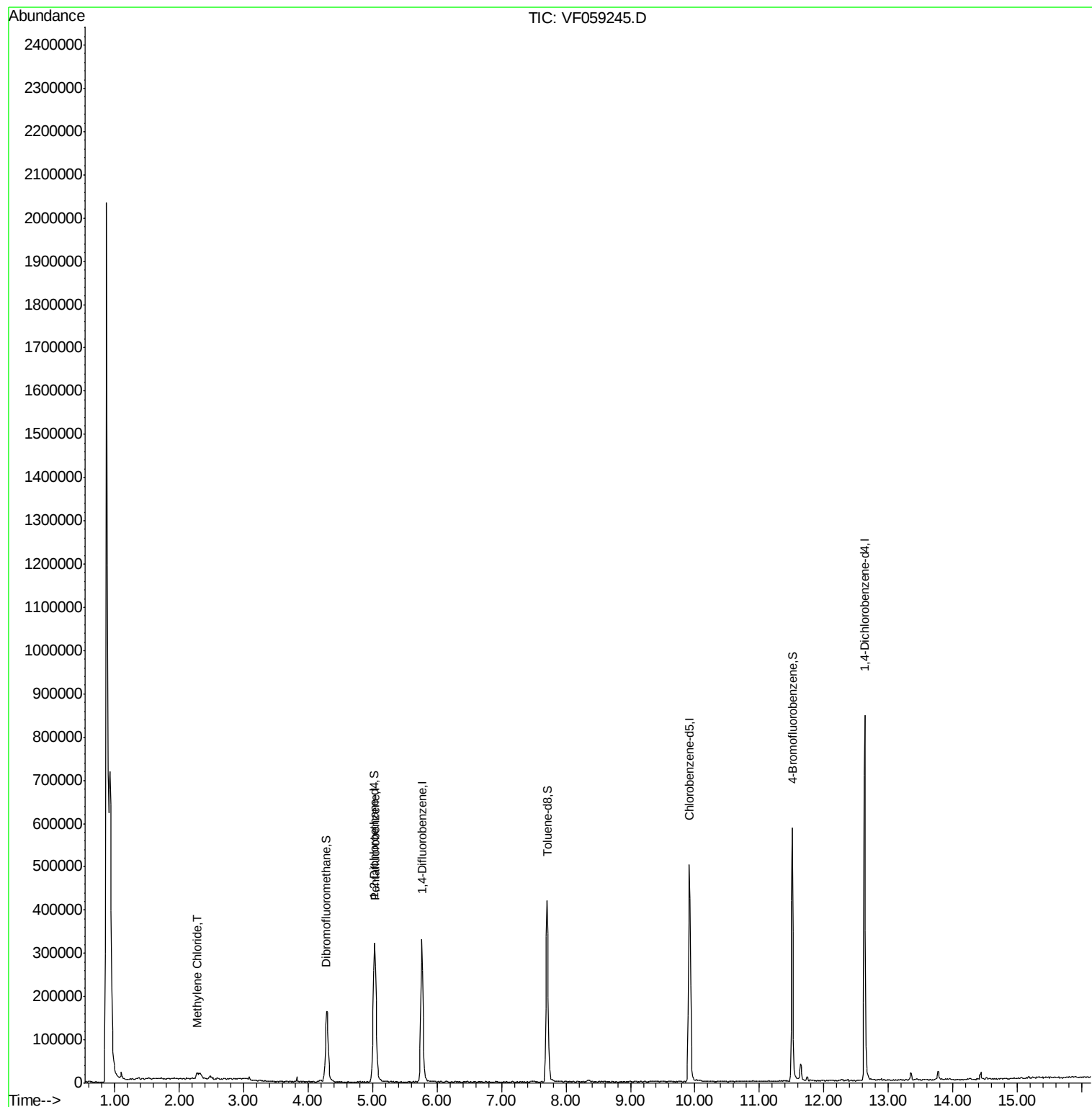
Target Compounds						Qvalue
20) Methylene Chloride	2.27	84	13569	9.12	ug/l	91

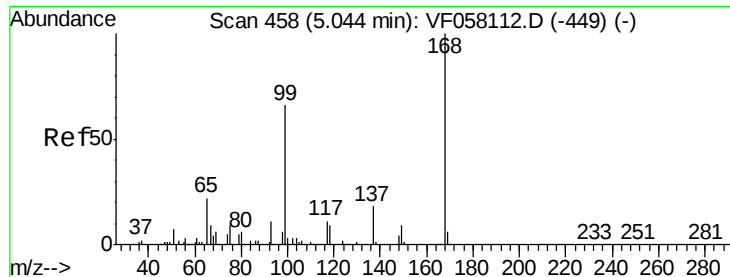
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

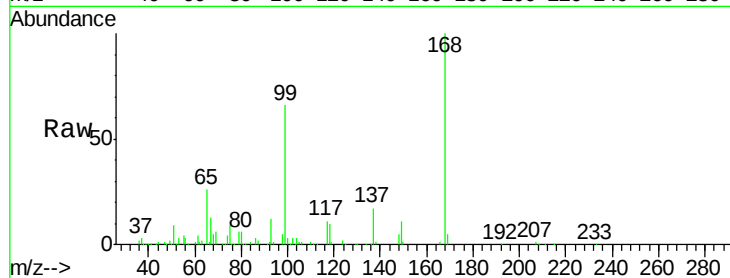
TP-1-DRE

Tot Ion:168 Resp: 214486

Ion Ratio Lower Upper

168 100

99 66.3 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

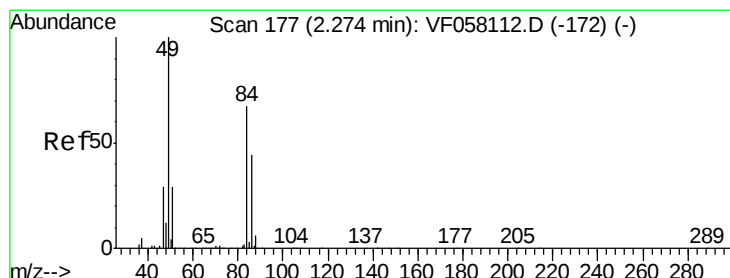
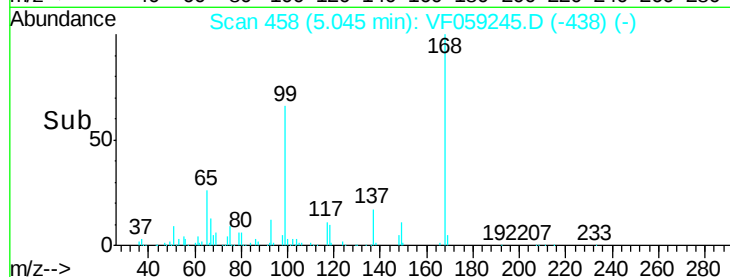
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 9.12 ug/l

RT: 2.27 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Tgt Ion: 84 Resp: 13569

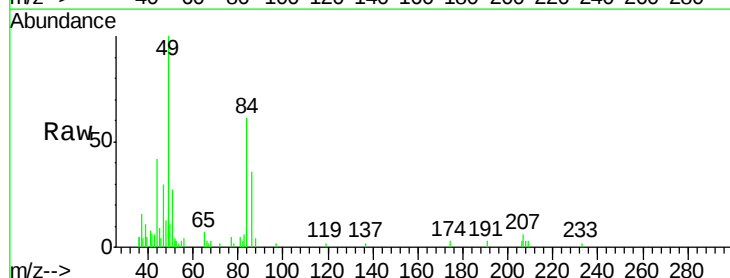
Ion Ratio Lower Upper

84 100

49 165.0 121.0 181.4

51 44.4 35.8 53.6

86 58.7 53.2 79.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

8000

6000

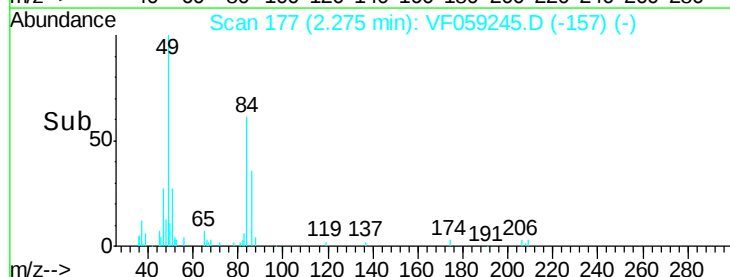
4000

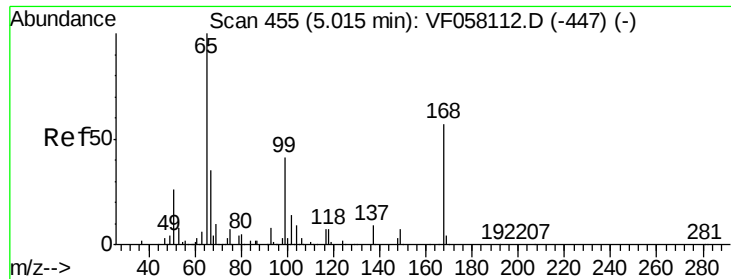
2000

0

Time-->

2.10 2.20 2.30 2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 63.77 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

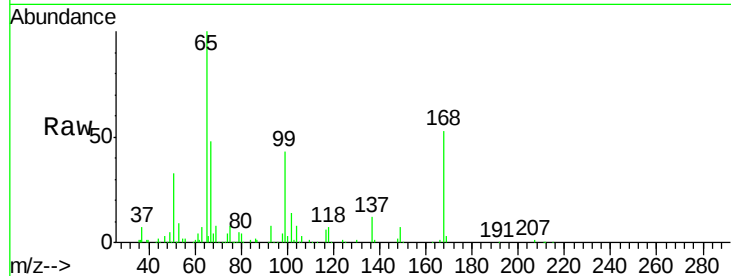
TP-1-DRE

Tot Ion: 65 Resp: 165877

Ion Ratio Lower Upper

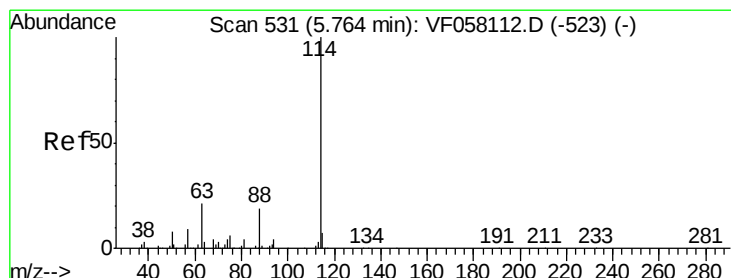
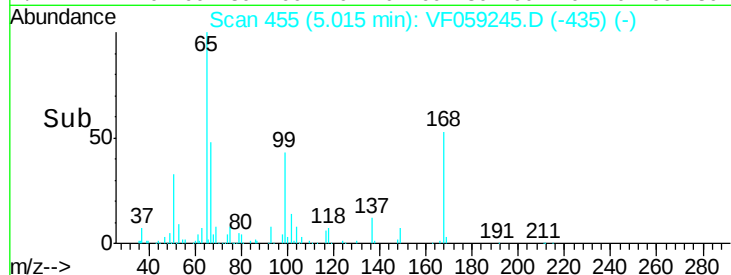
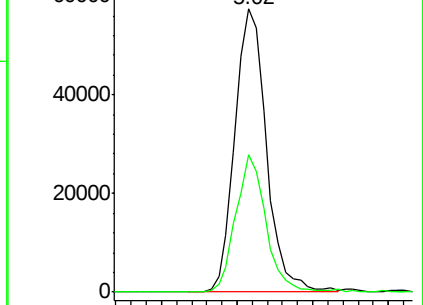
65 100

67 48.4 0.0 97.0



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# 531

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

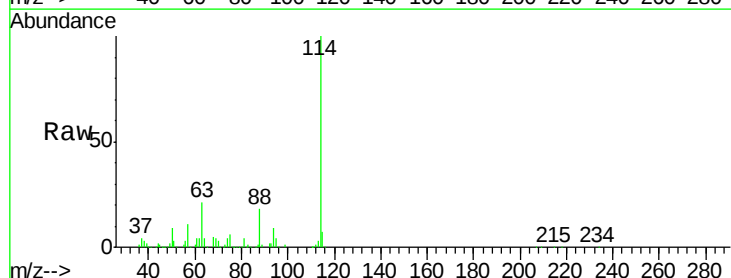
Tgt Ion: 114 Resp: 328877

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

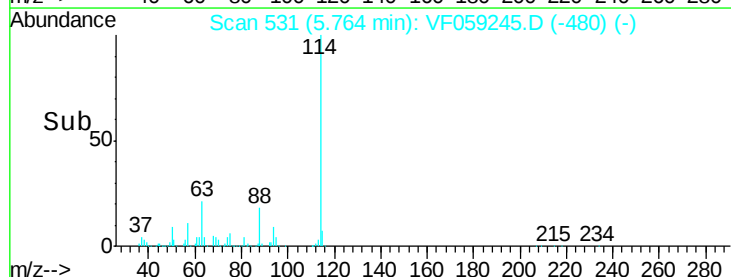
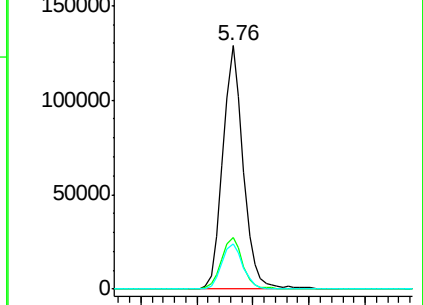
88 18.5 0.0 38.8

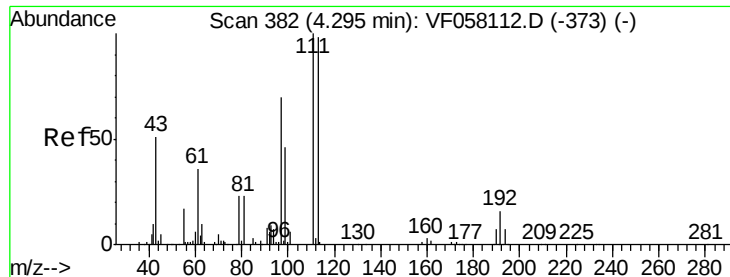


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 63.77 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
TP-1-DRE

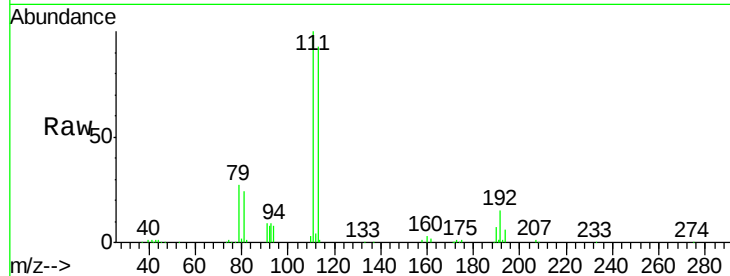
Tot Ion:113 Resp: 147159

Ion	Ratio	Lower	Upper
113	100		
111	107.2	81.3	121.9
192	16.2	12.7	19.1

113 100

111 107.2 81.3 121.9

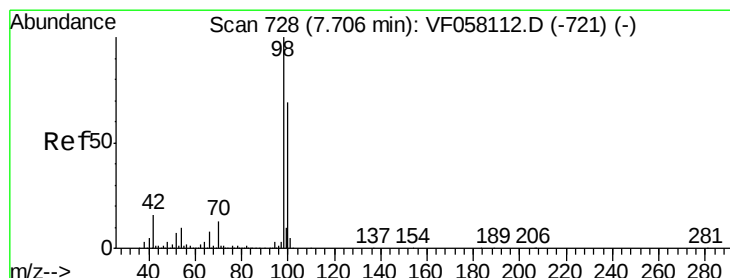
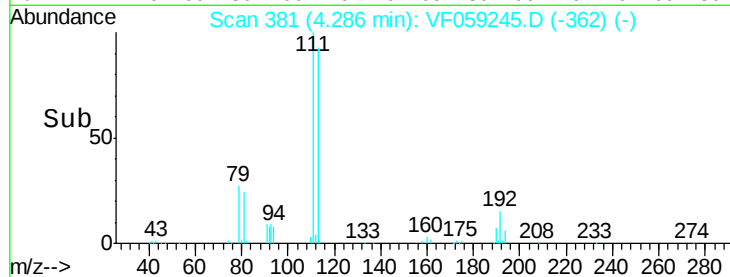
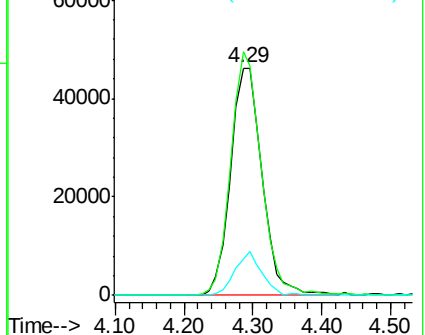
192 16.2 12.7 19.1



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: 51.00 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059245.D

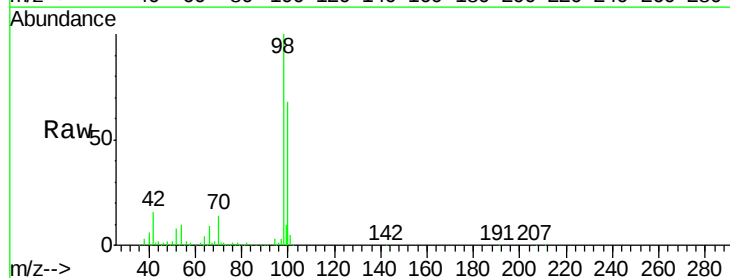
Acq: 21 Jun 2018 00:14

Tgt Ion: 98 Resp: 345771

Ion	Ratio	Lower	Upper
98	100		
100	67.6	55.6	83.4

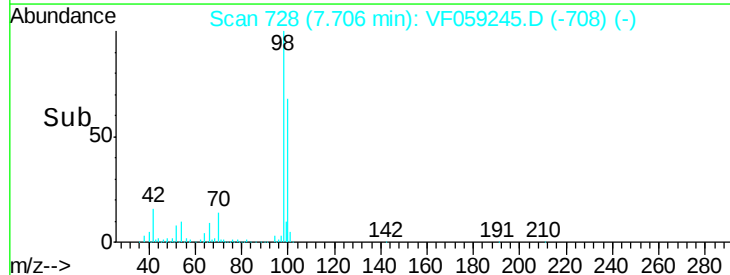
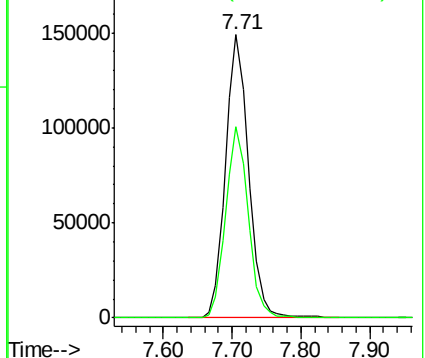
98 100

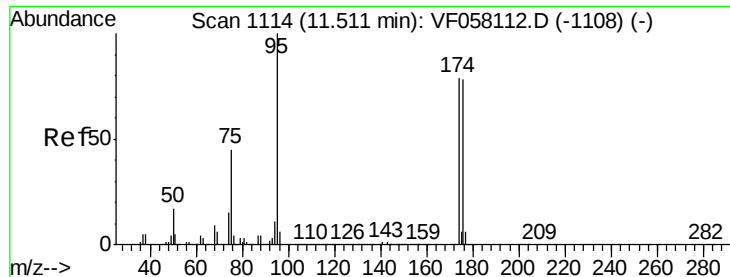
100 67.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 58.82 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

TP-1-DRE

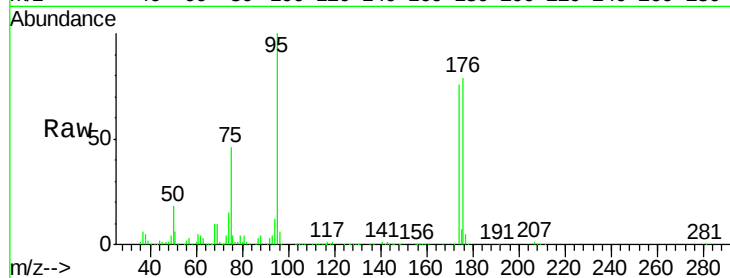
Tot Ion: 95 Resp: 204541

Ion Ratio Lower Upper

95 100

174 76.5 0.0 157.8

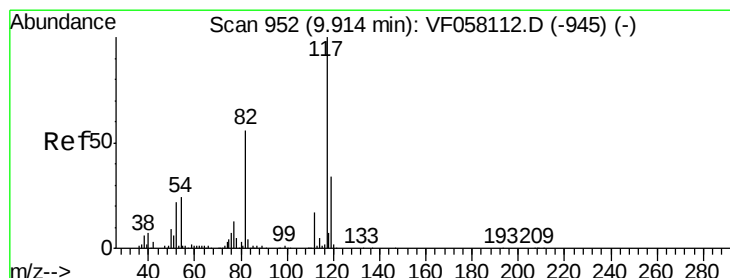
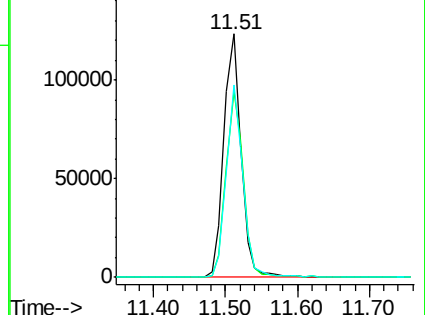
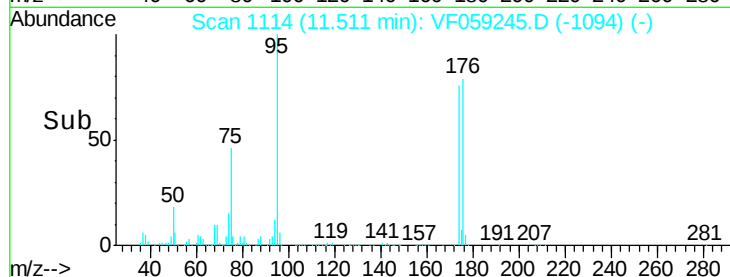
176 78.9 0.0 155.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

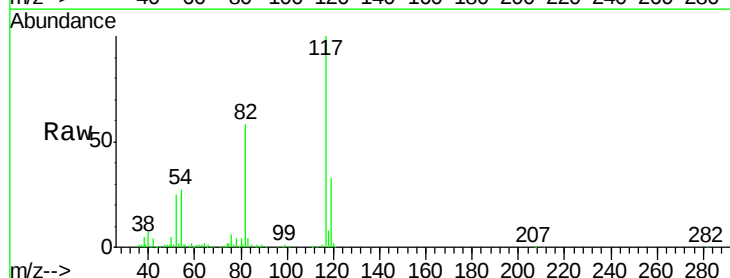
Tgt Ion: 117 Resp: 348643

Ion Ratio Lower Upper

117 100

82 58.4 45.2 67.8

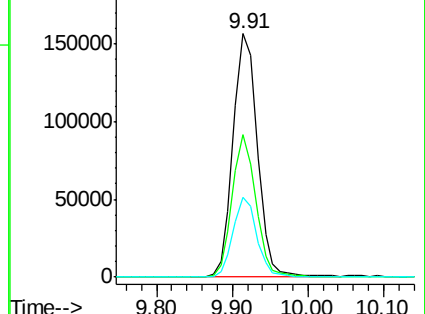
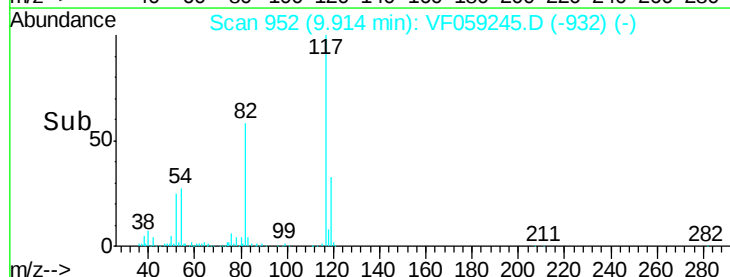
119 32.8 27.5 41.3

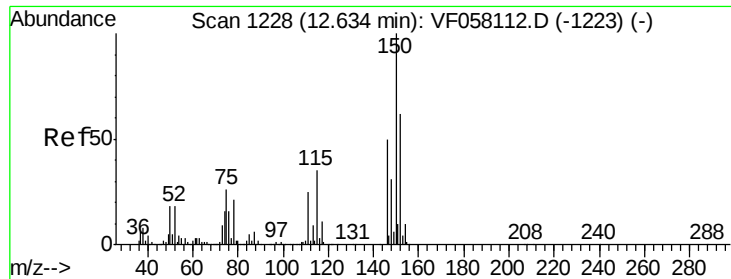


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059245.D

Acq: 21 Jun 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

TP-1-DRE

Tot Ion:152 Resp: 214114

Ion Ratio Lower Upper

152 100

115 54.6 28.5 85.5

150 152.4 0.0 323.8

