

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059459.D
 Acq On : 6 Jul 2018 19:40
 Operator : VA/AP
 Sample : J3868-07
 Misc : 5.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7-D

Quant Time: Jul 07 03:56:43 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	212776	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	335934	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	328487	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	224317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	162348	59.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	118.12%	
35) Dibromofluoromethane	4.26	113	140838	57.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	114.76%	
50) Toluene-d8	7.68	98	276702	45.53	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.06%	
62) 4-Bromofluorobenzene	11.50	95	182939	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

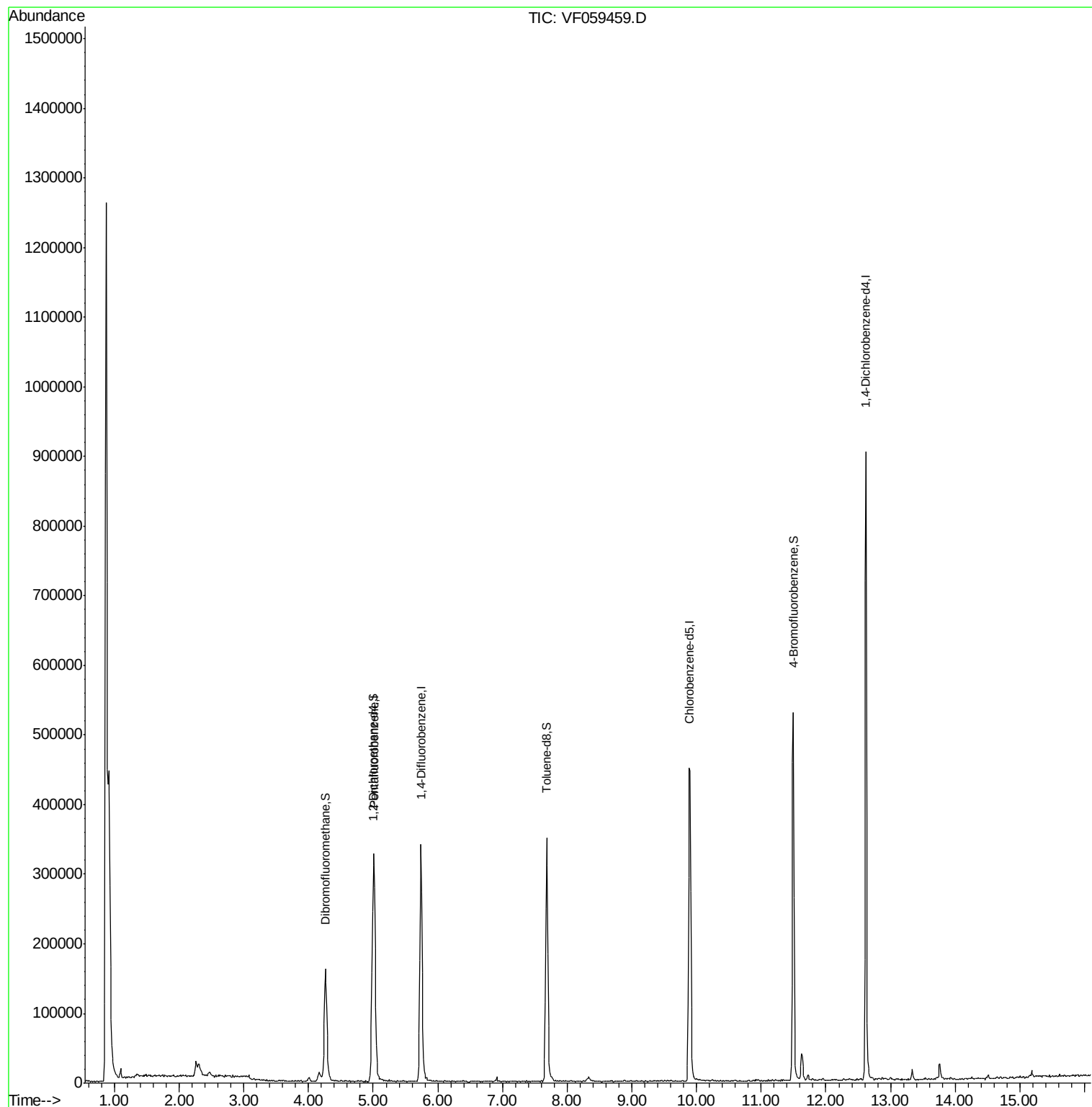
Target Compounds	Qvalue

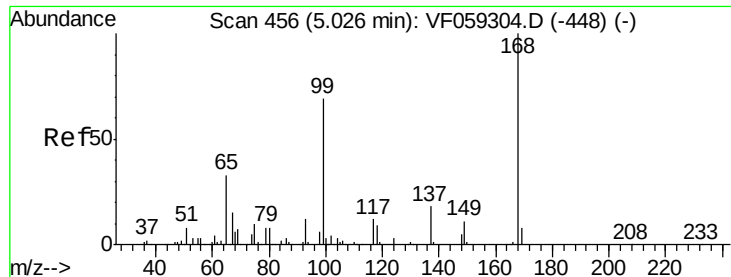
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059459.D

Acq: 6 Jul 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

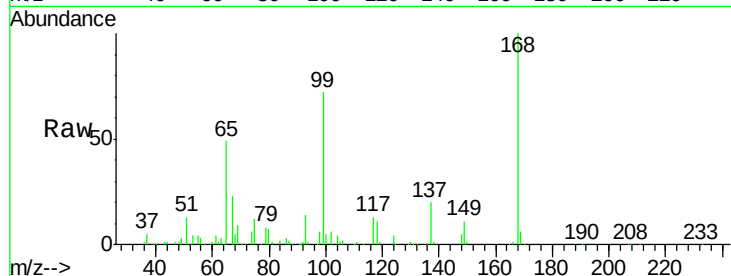
TP-7-D

Tot Ion:168 Resp: 212776

Ion Ratio Lower Upper

168 100

99 71.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

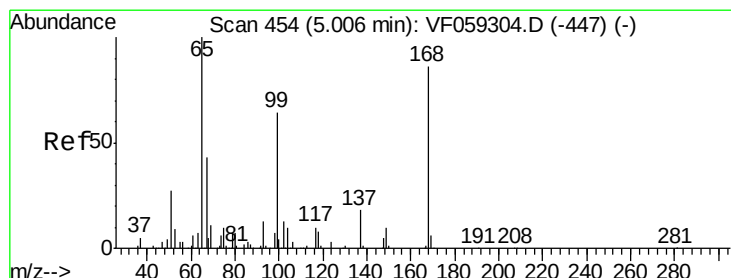
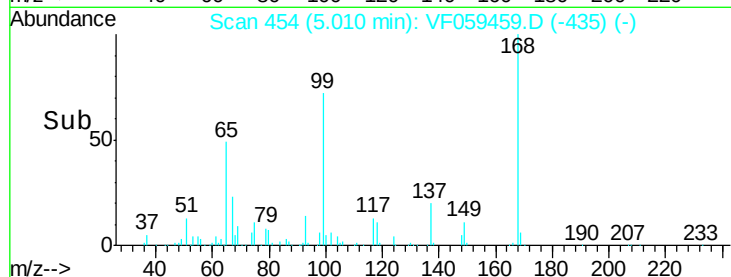
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.06 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059459.D

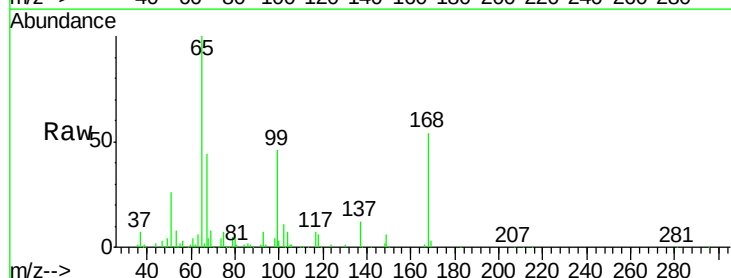
Acq: 6 Jul 2018 19:40

Tgt Ion: 65 Resp: 162348

Ion Ratio Lower Upper

65 100

67 43.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

60000

50000

40000

30000

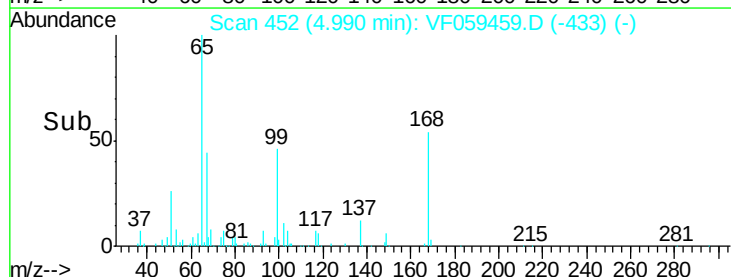
20000

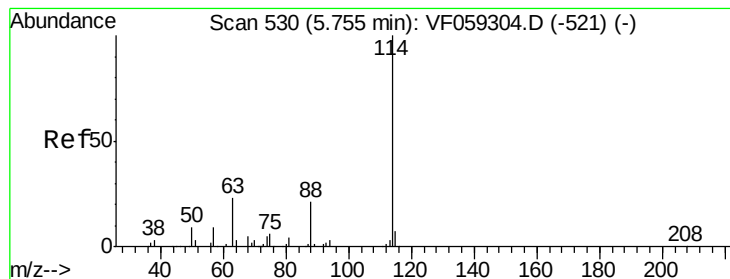
10000

0

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059459.D

Acq: 6 Jul 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

TP-7-D

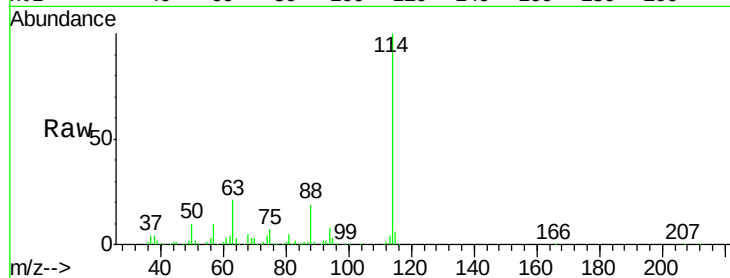
Tot Ion:114 Resp: 335934

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.8

88 18.7 0.0 41.2

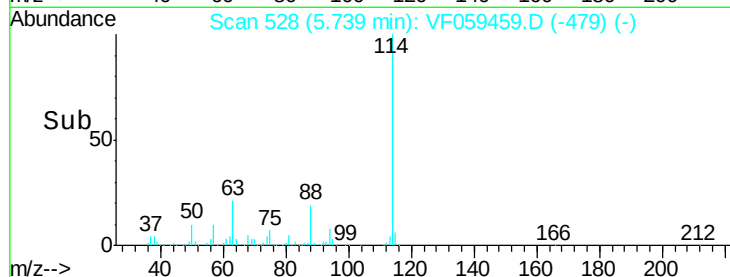


Abundance Ion 114.00 (113.70 to 114.70): V

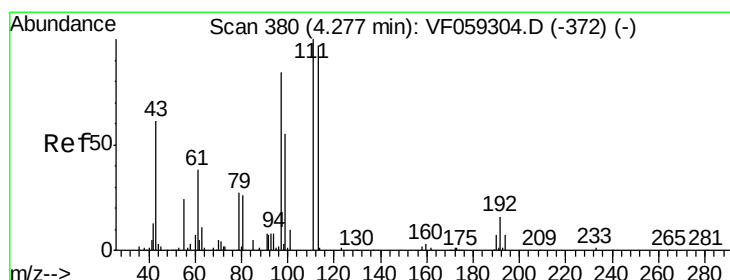
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.74



Time-->



#35

Dibromofluoromethane

Concen: 57.38 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059459.D

Acq: 6 Jul 2018 19:40

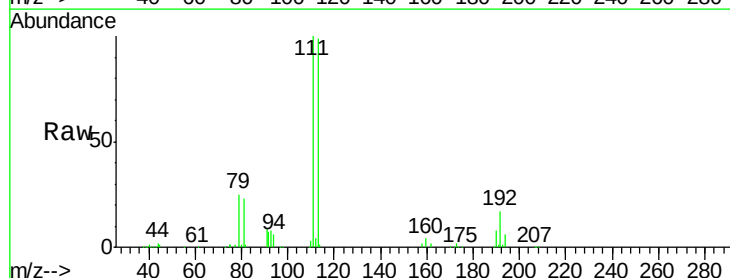
Tgt Ion:113 Resp: 140838

Ion Ratio Lower Upper

113 100

111 101.0 82.1 123.1

192 17.4 13.0 19.6

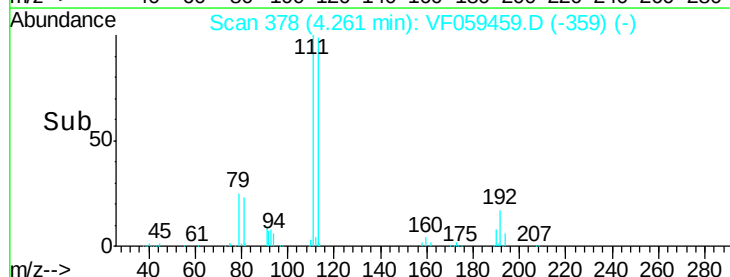


Abundance Ion 113.00 (112.70 to 113.70): V

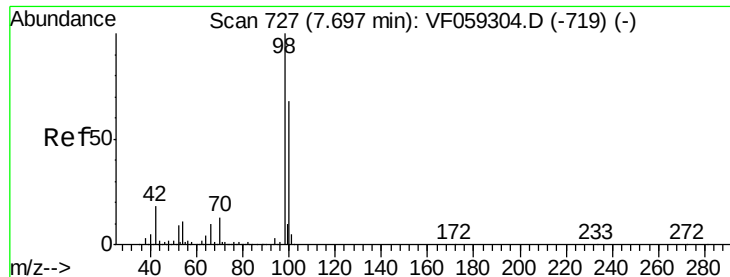
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.26



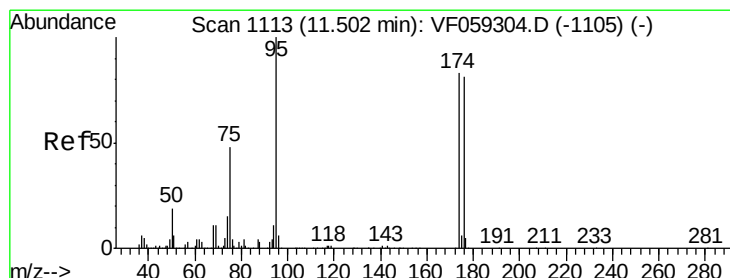
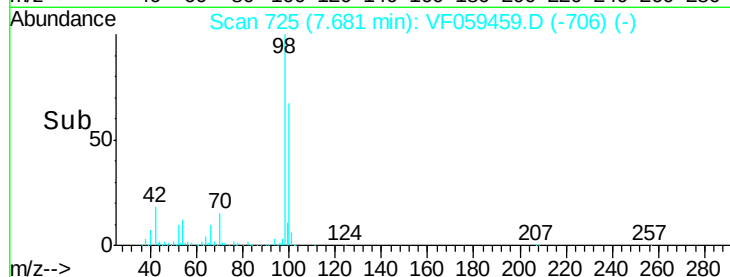
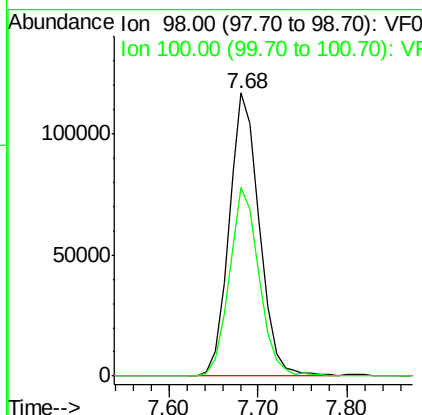
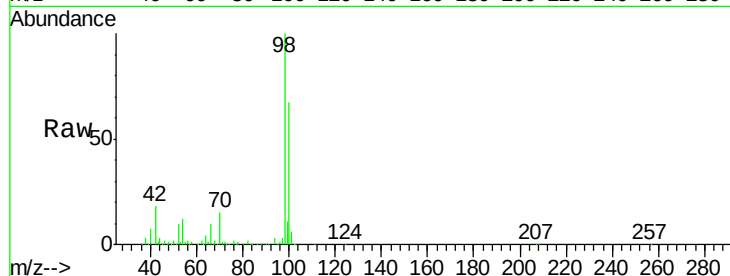
Time-->



#50
Toluene-d8
Concen: 45.53 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

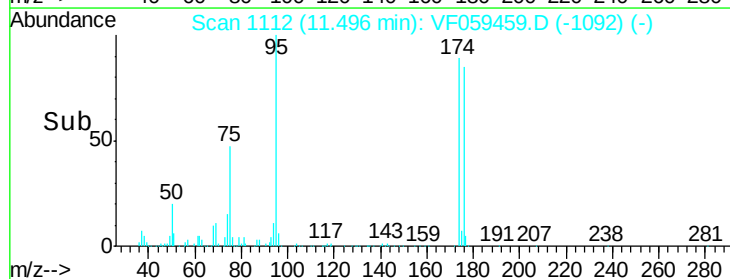
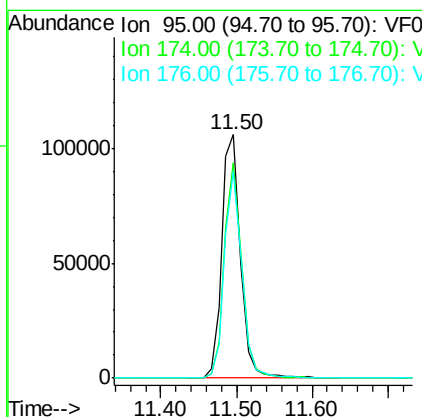
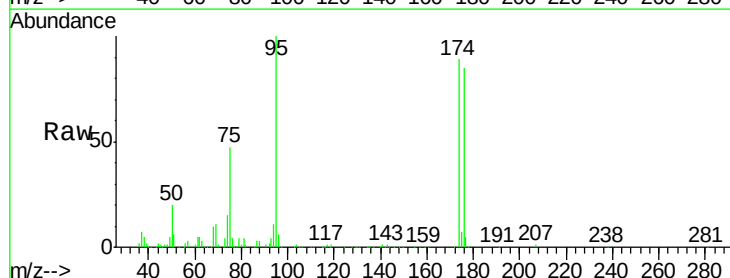
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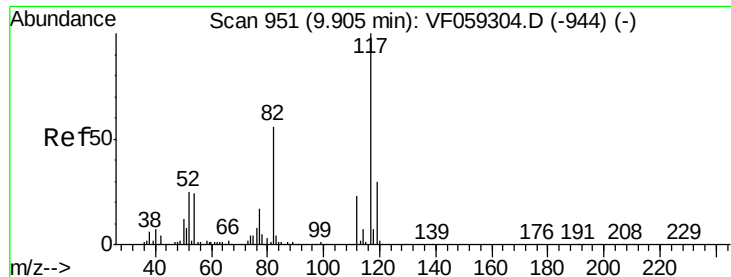
Tot Ion: 98 Resp: 276702
Ion Ratio Lower Upper
98 100
100 66.8 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 53.36 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 95 Resp: 182939
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.2
176 84.6 0.0 161.0

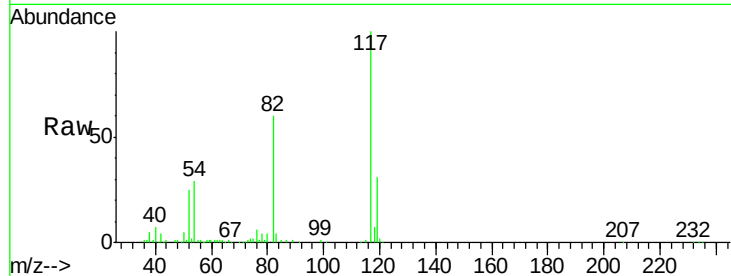




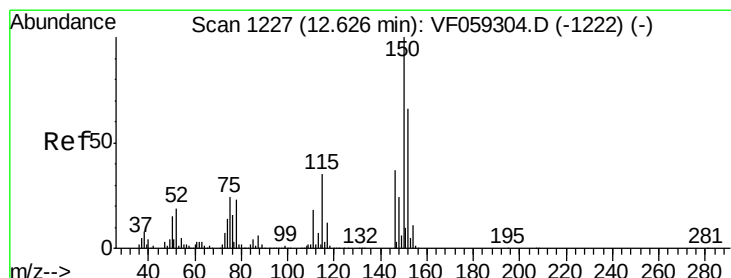
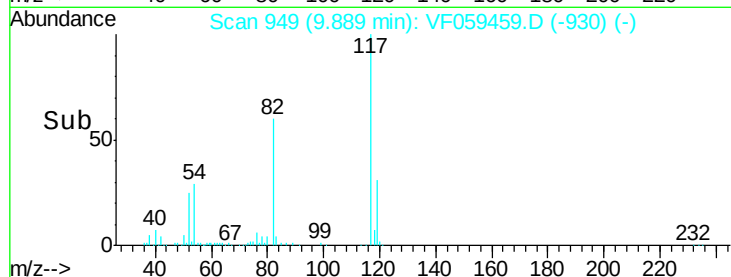
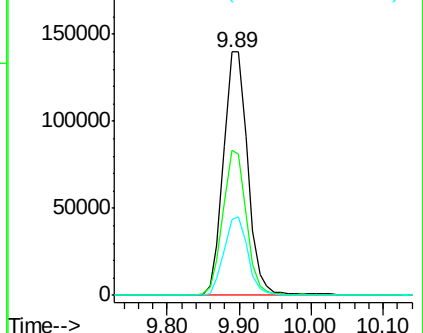
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	44.6	66.8
119	31.2	24.1	36.1

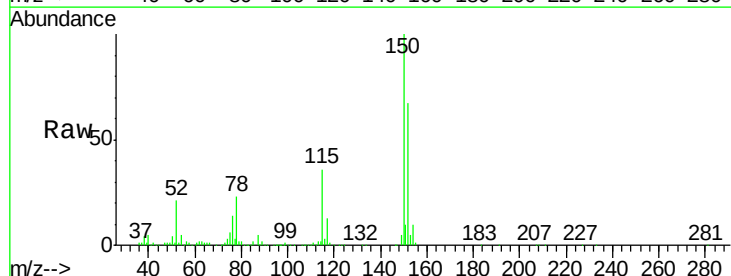


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.3
150	149.9	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

