

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059326.D
 Acq On : 26 Jun 2018 19:33
 Operator : VA/AP
 Sample : J3629-04
 Misc : 4.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C2-04

Quant Time: Jun 27 18:00:08 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	301935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	469294	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	366497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	145957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	136702	35.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.08%	
35) Dibromofluoromethane	4.27	113	140692	41.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.06%	
50) Toluene-d8	7.69	98	302048	35.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.16%	
62) 4-Bromofluorobenzene	11.50	95	133541	27.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.76%	

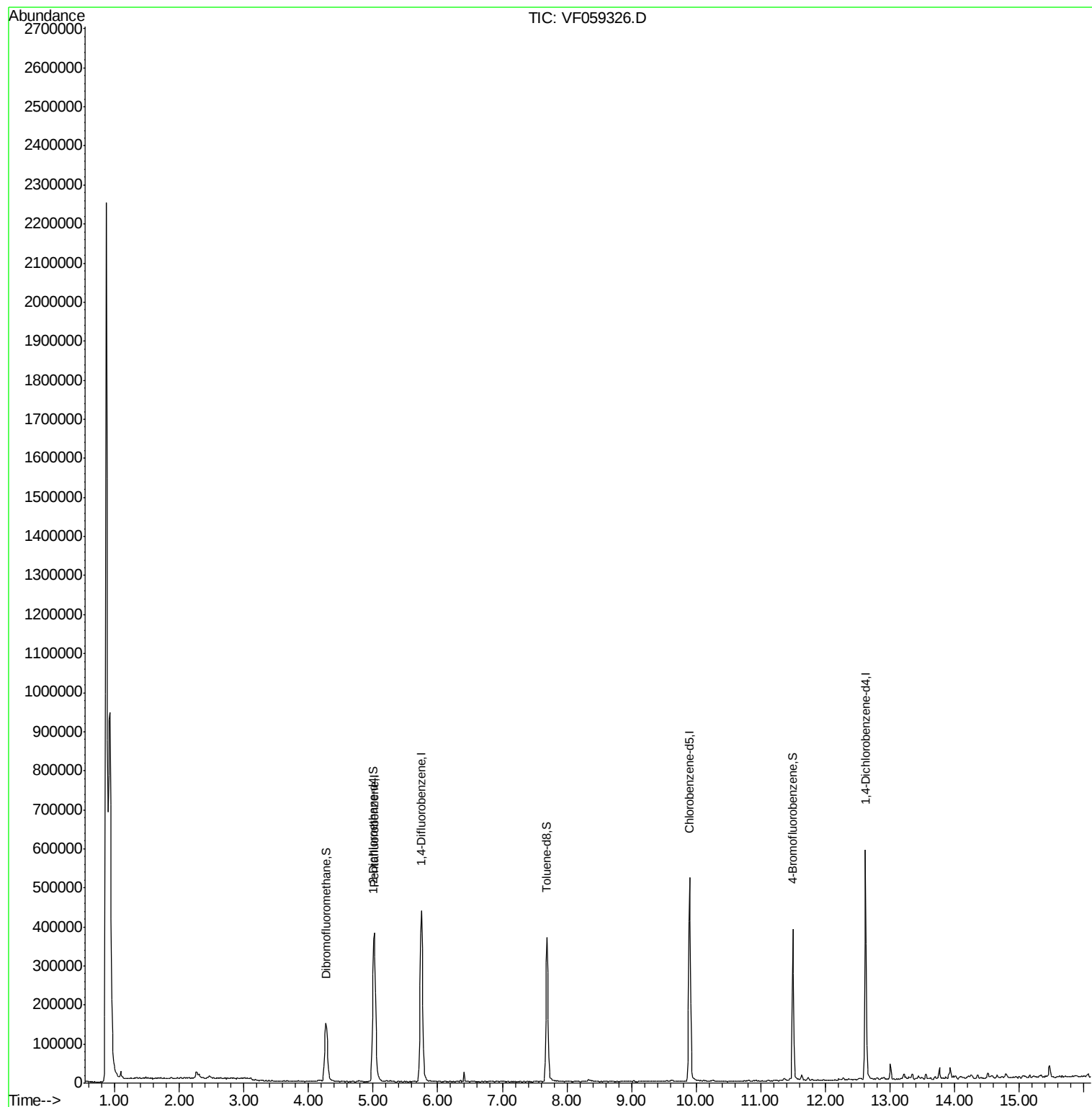
Target Compounds	Qvalue

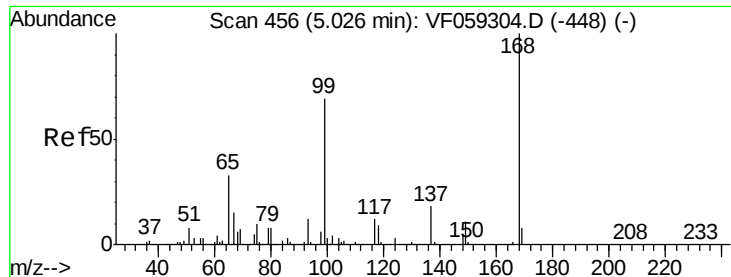
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059326.D

Acq: 26 Jun 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

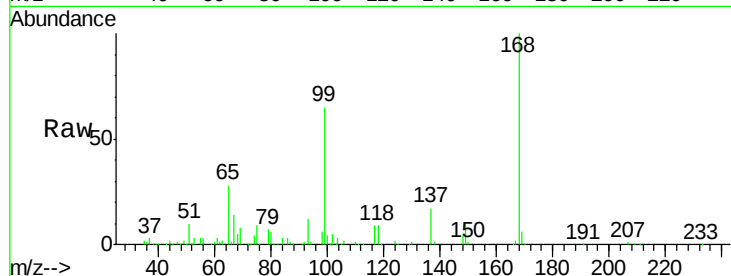
A0C2-04

Tot Ion:168 Resp: 301935

Ion Ratio Lower Upper

168 100

99 64.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

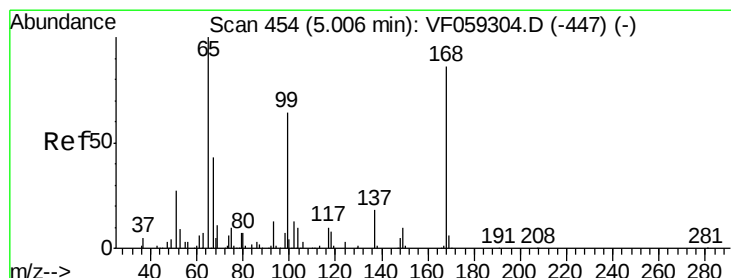
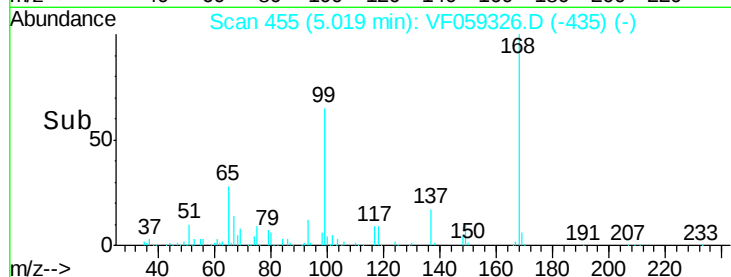
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 35.04 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059326.D

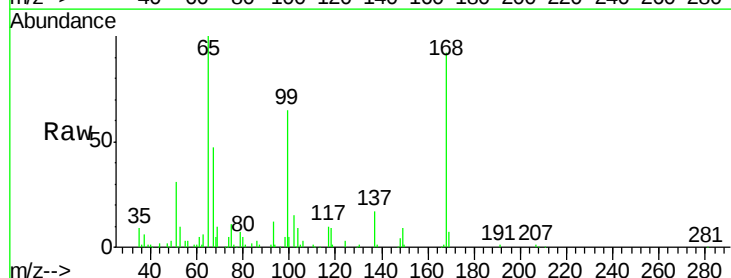
Acq: 26 Jun 2018 19:33

Tgt Ion: 65 Resp: 136702

Ion Ratio Lower Upper

65 100

67 46.9 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

50000

40000

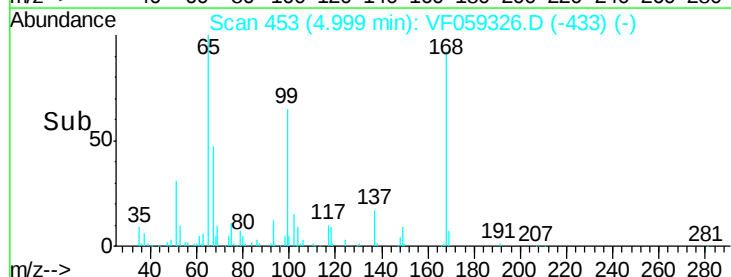
30000

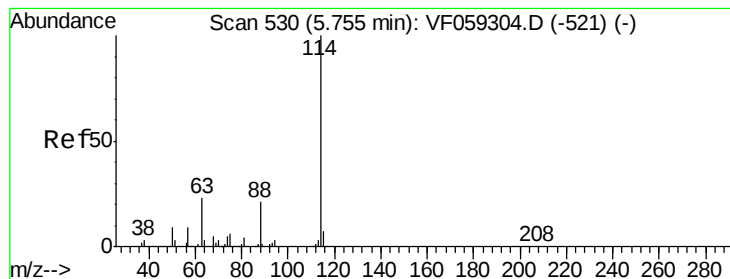
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059326.D

Acq: 26 Jun 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

A0C2-04

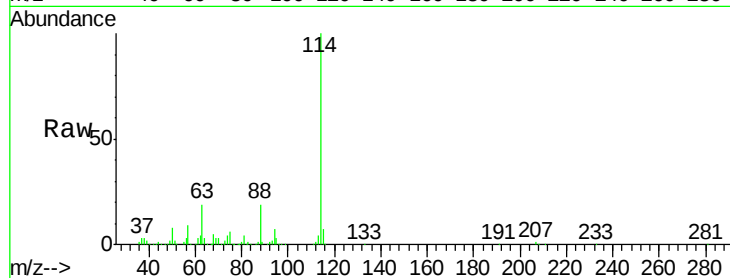
Tot Ion:114 Resp: 469294

Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.8

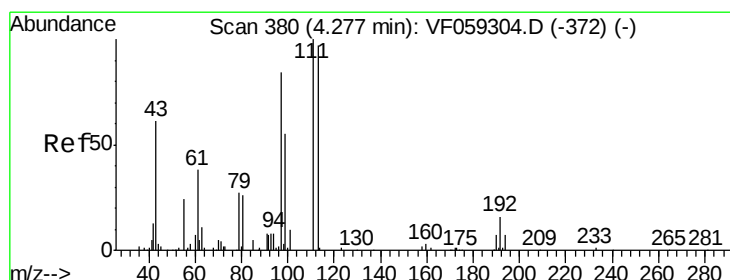
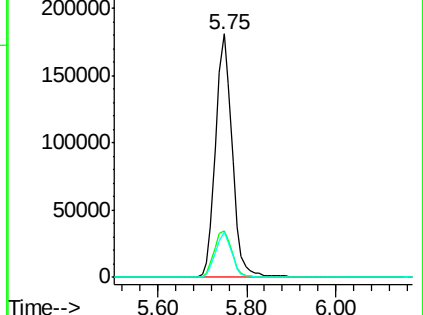
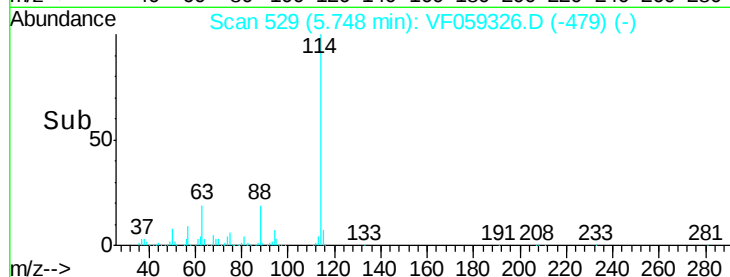
88 18.7 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 41.03 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059326.D

Acq: 26 Jun 2018 19:33

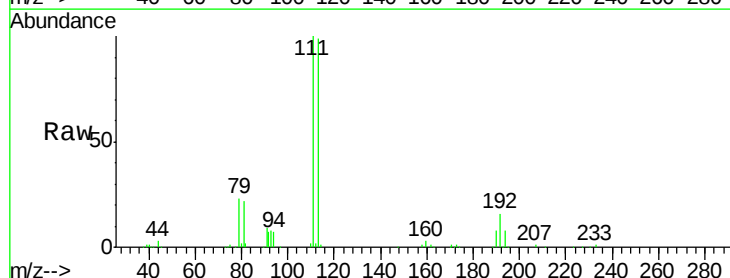
Tgt Ion:113 Resp: 140692

Ion Ratio Lower Upper

113 100

111 100.7 82.1 123.1

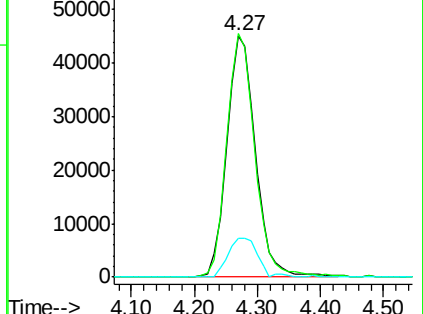
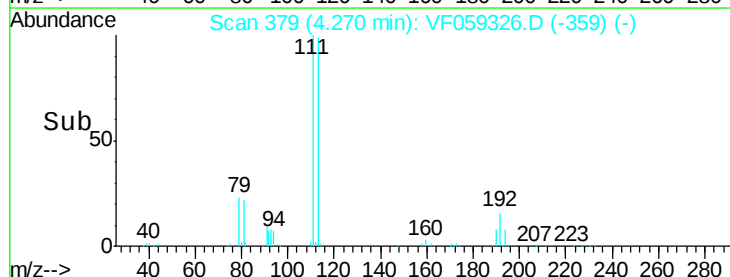
192 16.0 13.0 19.6

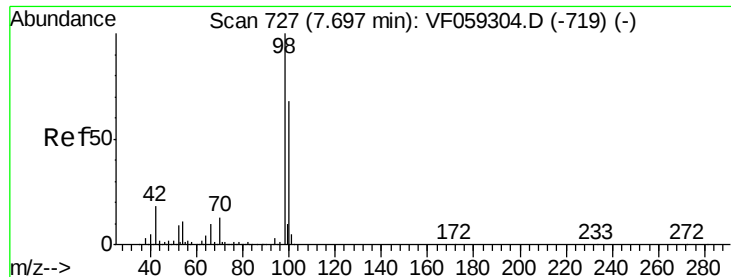


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

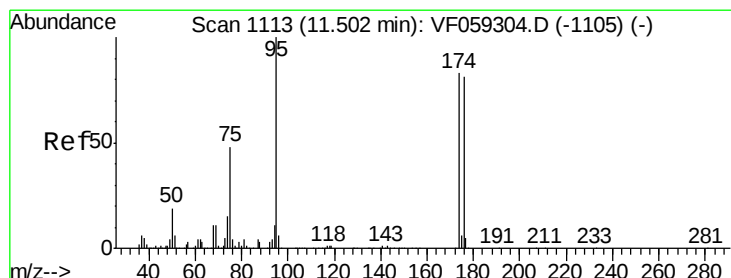
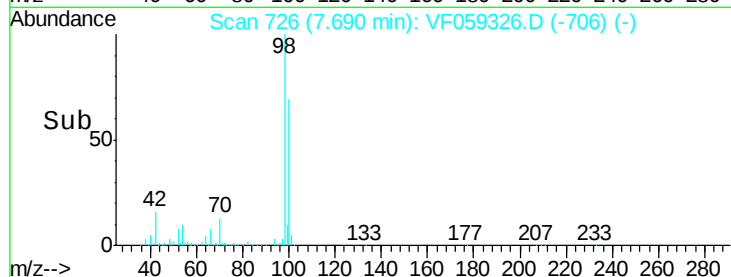
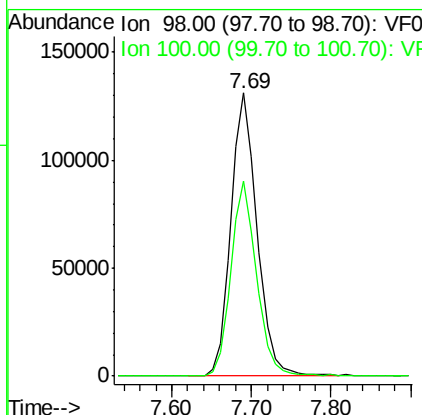
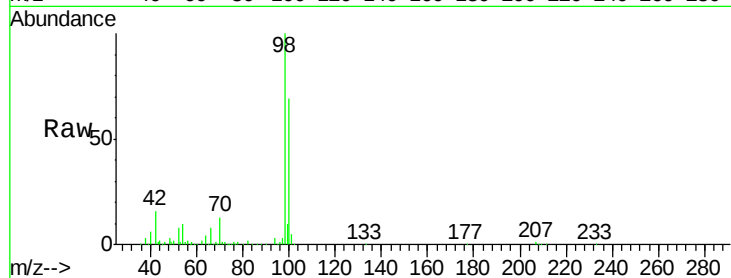




#50
Toluene-d8
Concen: 35.58 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059326.D
Acq: 26 Jun 2018 19:33

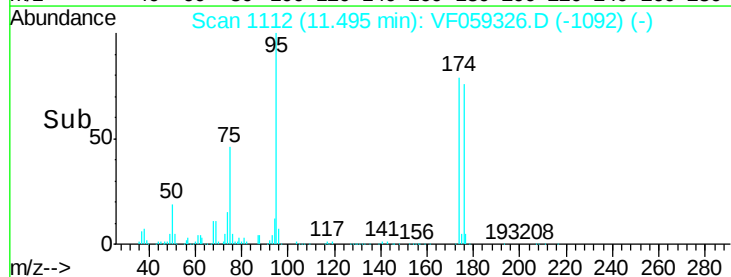
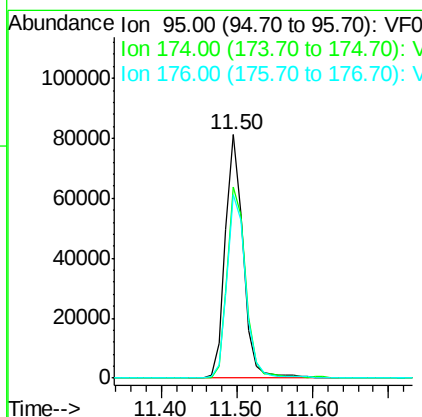
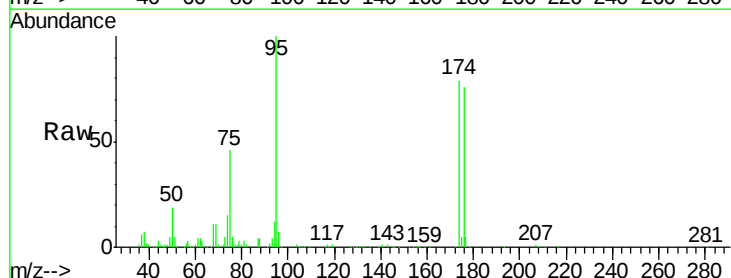
Instrument :
MSVOA_F
ClientSampled :
A0C2-04

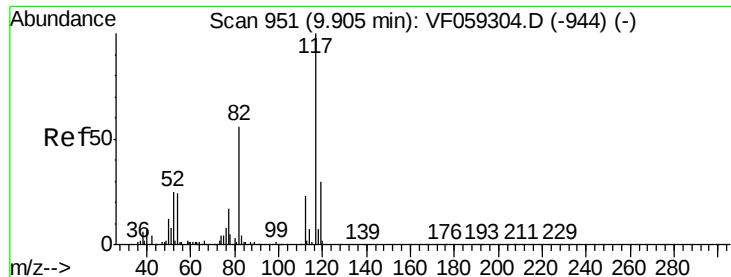
Tot Ion: 98 Resp: 302048
Ion Ratio Lower Upper
98 100
100 68.9 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 27.88 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059326.D
Acq: 26 Jun 2018 19:33

Tgt Ion: 95 Resp: 133541
Ion Ratio Lower Upper
95 100
174 78.7 0.0 165.2
176 75.6 0.0 161.0

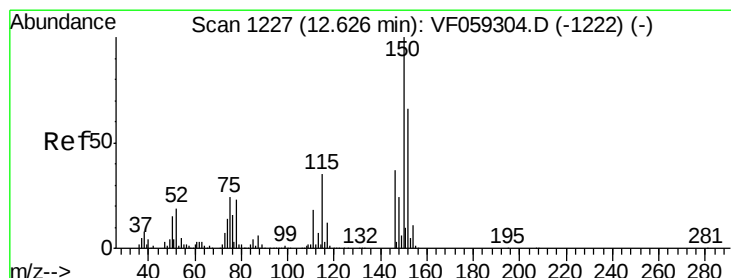
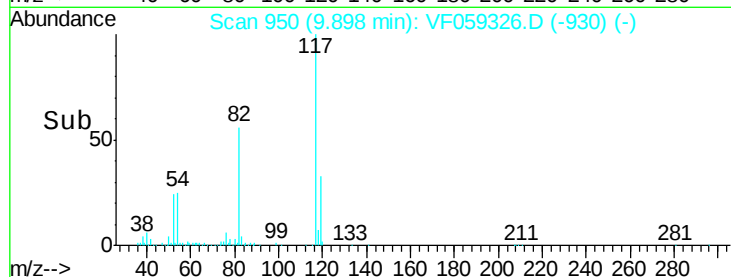
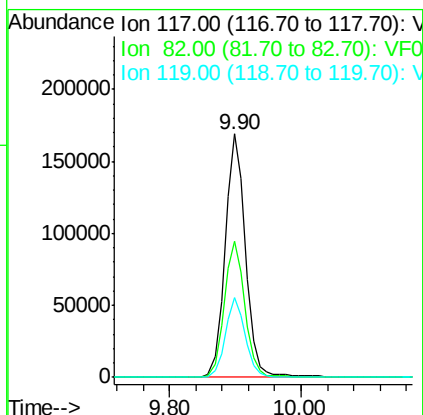
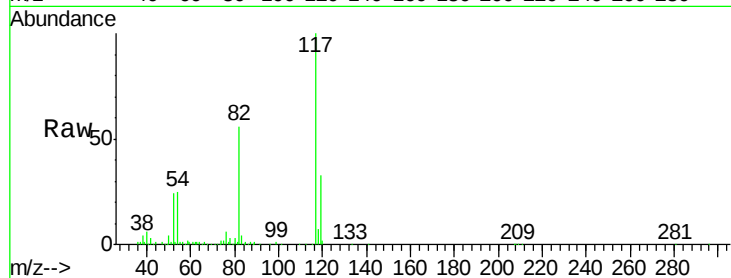




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059326.D
Acq: 26 Jun 2018 19:33

Instrument :
MSVOA_F
ClientSampleId :
A0C2-04

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.6	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059326.D
Acq: 26 Jun 2018 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.1	81.3
150	158.1	0.0	305.2

