

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF062618\
 Data File : VF059325.D
 Acq On : 26 Jun 2018 19:05
 Operator : VA/AP
 Sample : J3629-03
 Misc : 5.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C2-03

Quant Time: Jun 28 14:49:39 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

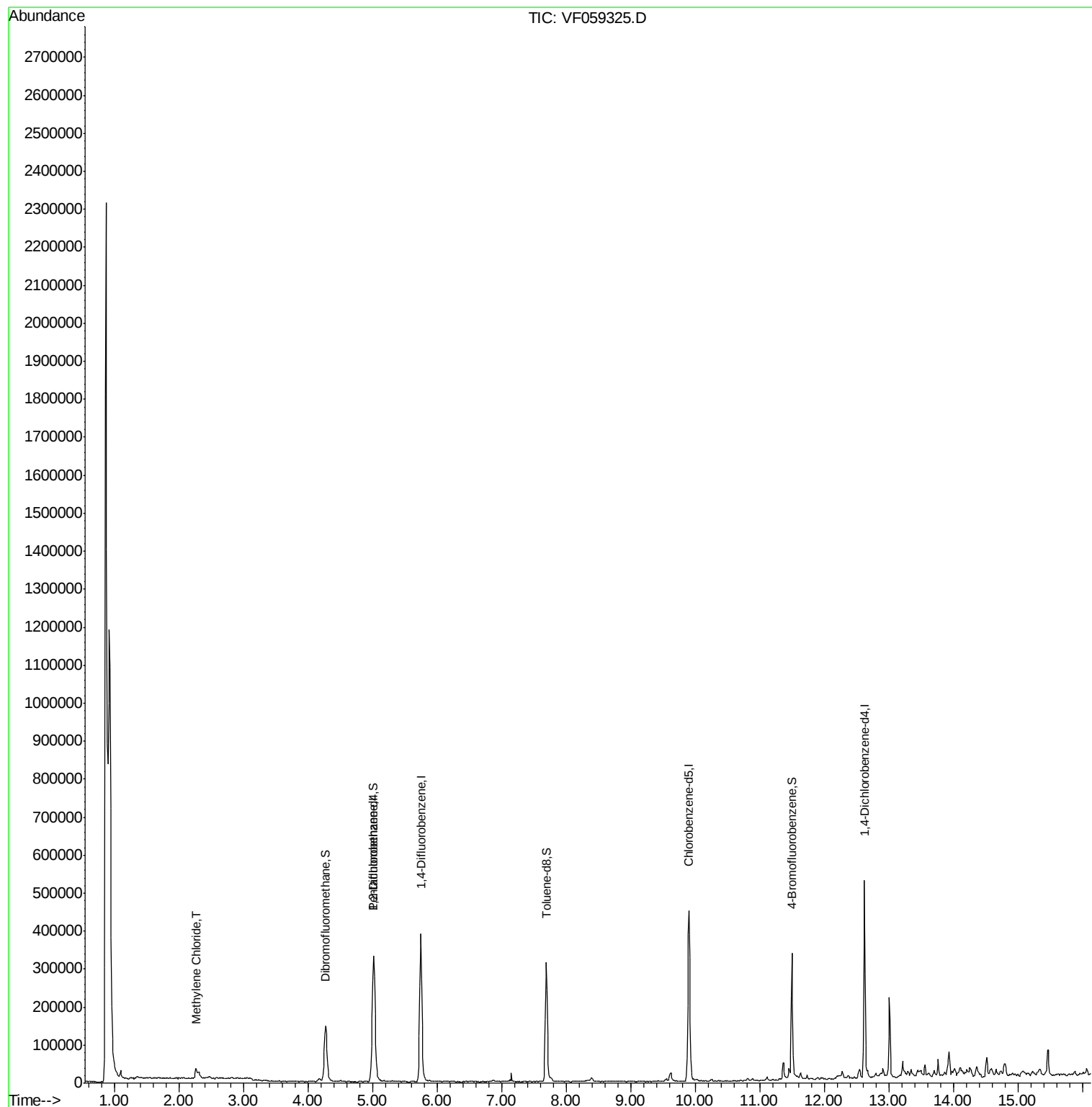
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	261018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	414815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	323627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	123443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	128633	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.28%	
35) Dibromofluoromethane	4.27	113	130060	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
50) Toluene-d8	7.69	98	265664	35.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.80%	
62) 4-Bromofluorobenzene	11.50	95	112077	26.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.96%	
Target Compounds						
20) Methylene Chloride	2.27	84	17022	1.89	ug/l	Qvalue 95

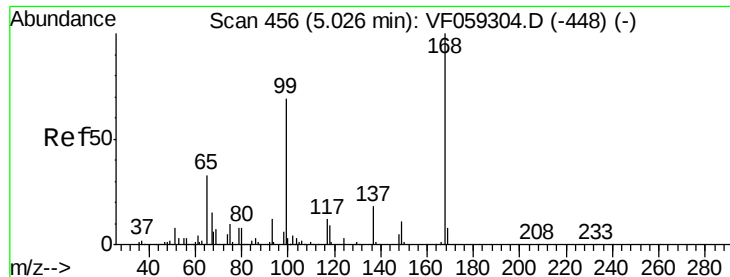
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059325.D

Acq: 26 Jun 2018 19:05

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MSVOA_F

ClientSampleId :

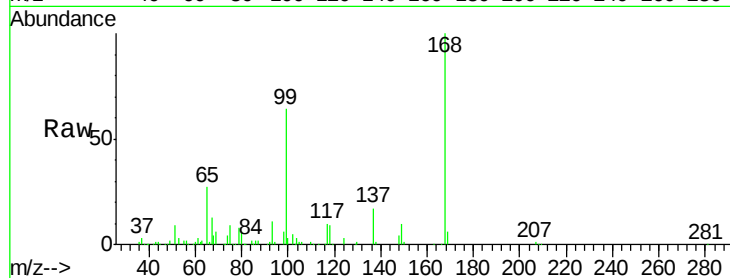
A0C2-03

Tot Ion:168 Resp: 261018

Ion Ratio Lower Upper

168 100

99 63.8 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

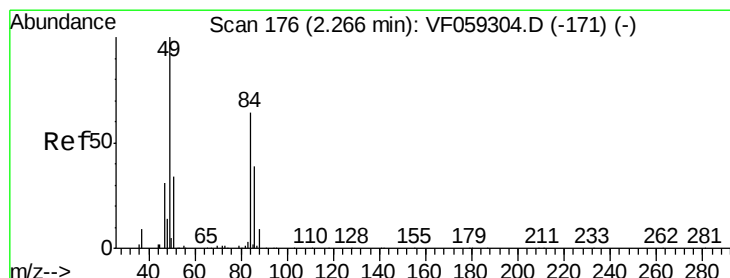
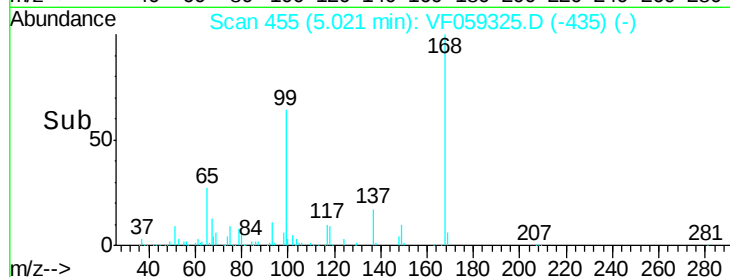
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 1.89 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF059325.D

Acq: 26 Jun 2018 19:05

Tgt Ion: 84 Resp: 17022

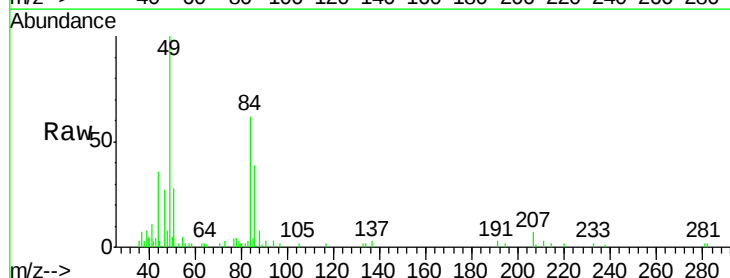
Ion Ratio Lower Upper

84 100

49 162.5 126.5 189.7

51 45.6 42.9 64.3

86 63.9 48.6 73.0



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

12000

10000

8000

6000

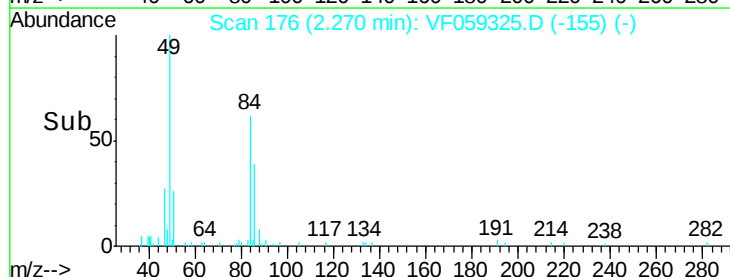
4000

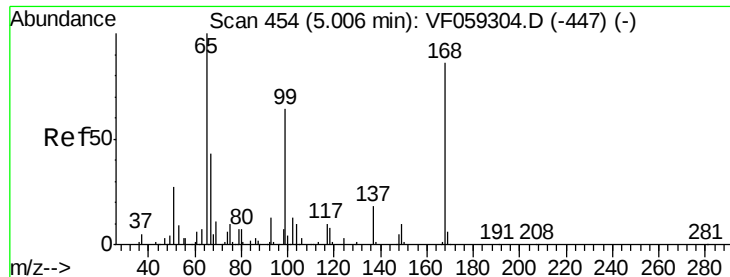
2000

0

2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.14 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059325.D

Acq: 26 Jun 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

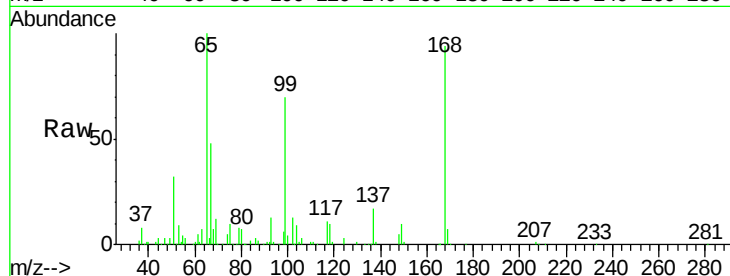
A0C2-03

Tot Ion: 65 Resp: 128633

Ion Ratio Lower Upper

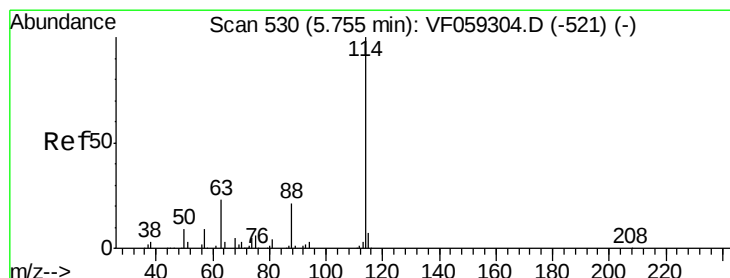
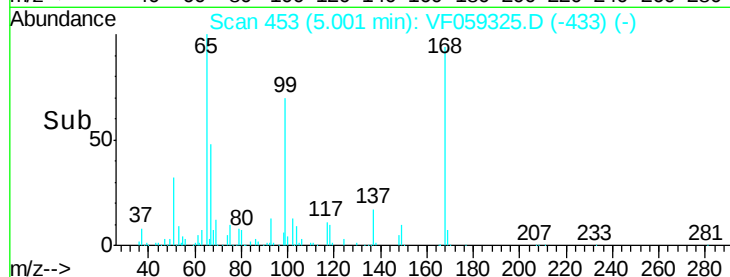
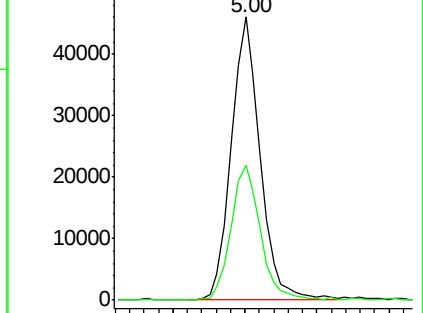
65 100

67 47.8 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: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059325.D

Acq: 26 Jun 2018 19:05

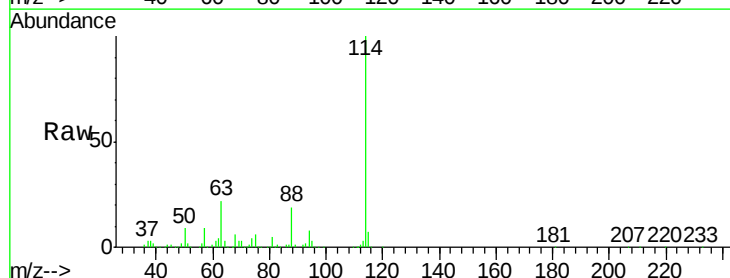
Tgt Ion: 114 Resp: 414815

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.8

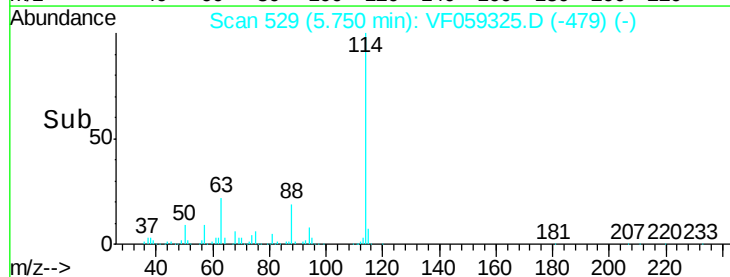
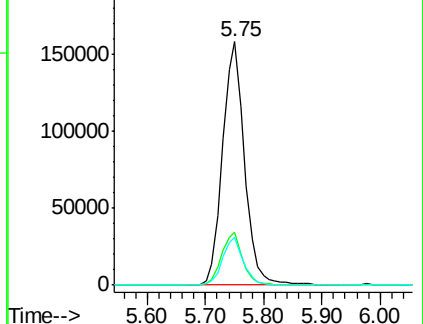
88 19.4 0.0 41.2



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: 42.91 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059325.D

Acq: 26 Jun 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

A0C2-03

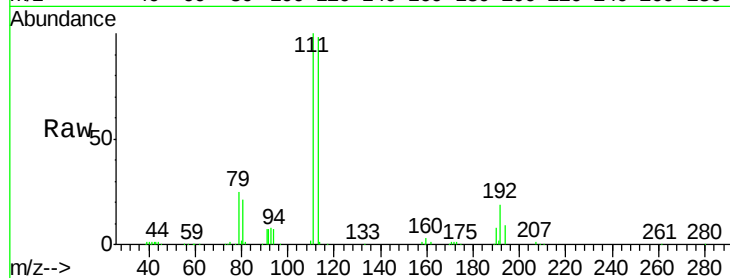
Tot Ion:113 Resp: 130060

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

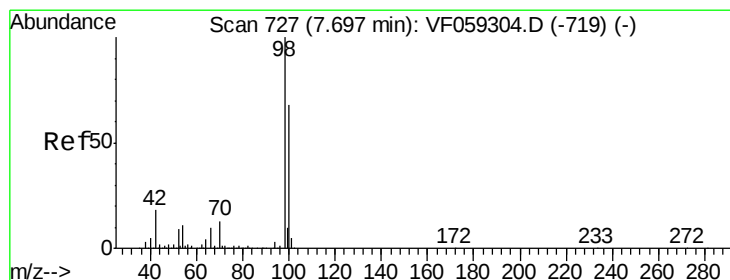
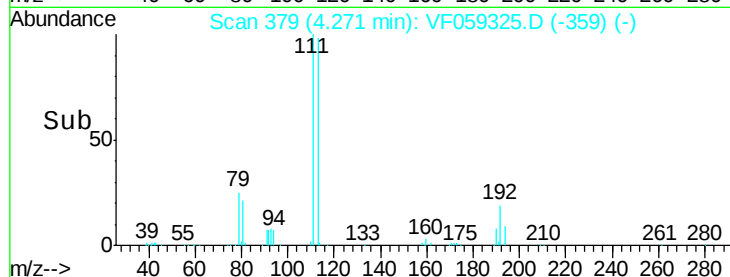
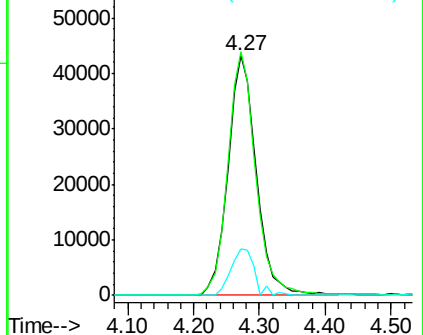
192 19.3 13.0 19.6



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: 35.40 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059325.D

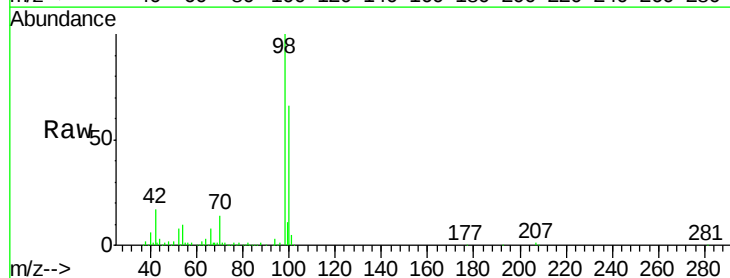
Acq: 26 Jun 2018 19:05

Tgt Ion: 98 Resp: 265664

Ion Ratio Lower Upper

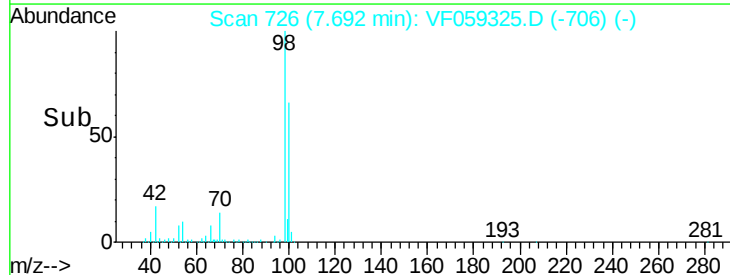
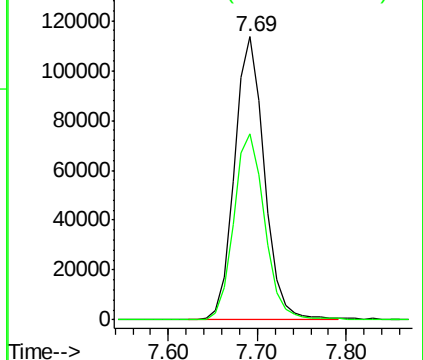
98 100

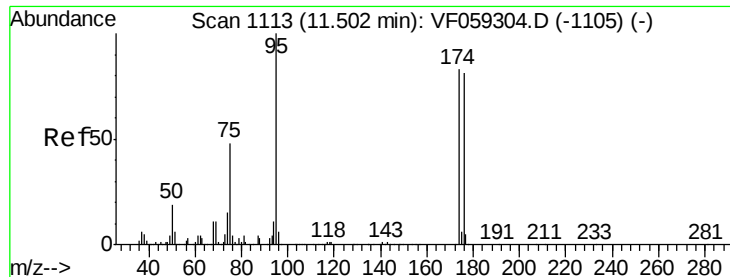
100 65.9 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

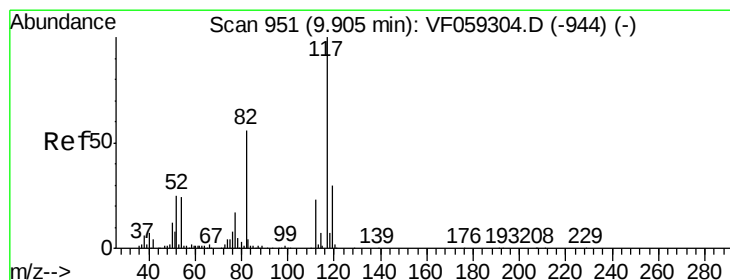
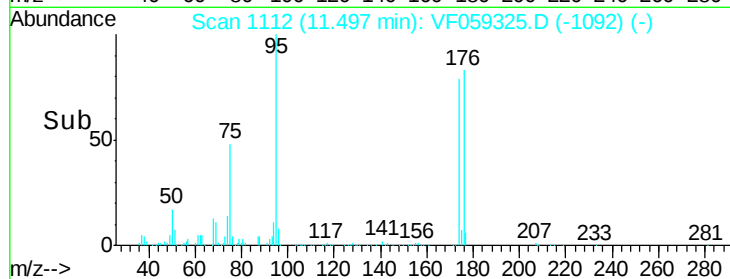
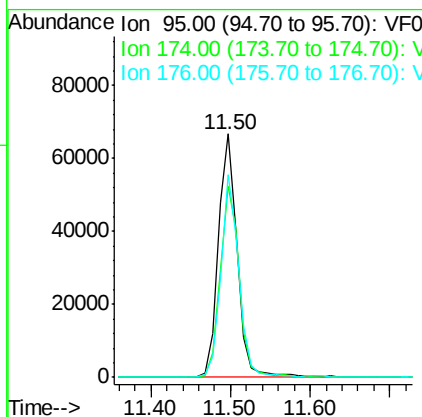
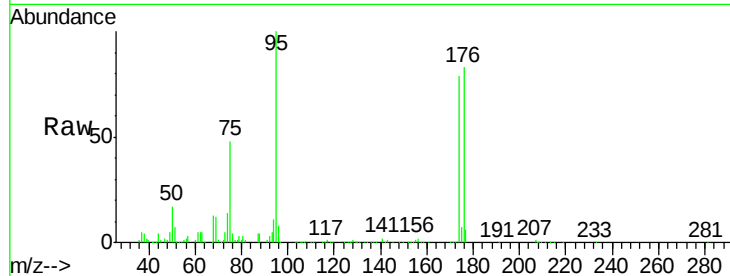




#62
4-Bromofluorobenzene
Concen: 26.48 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059325.D
Acq: 26 Jun 2018 19:05

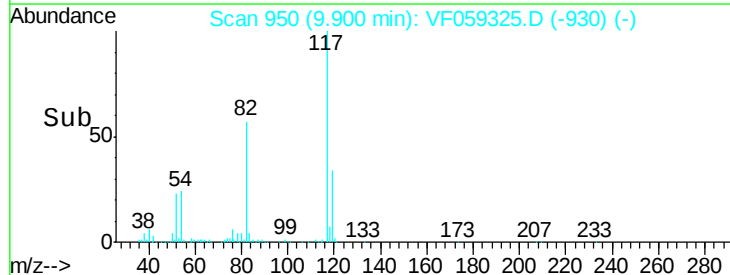
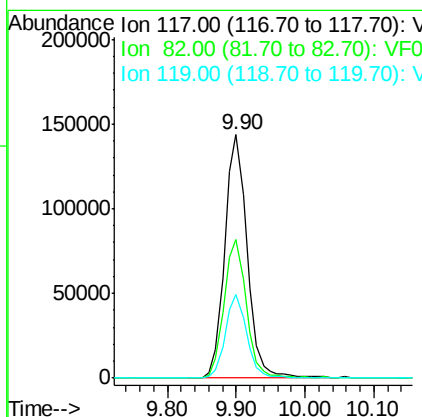
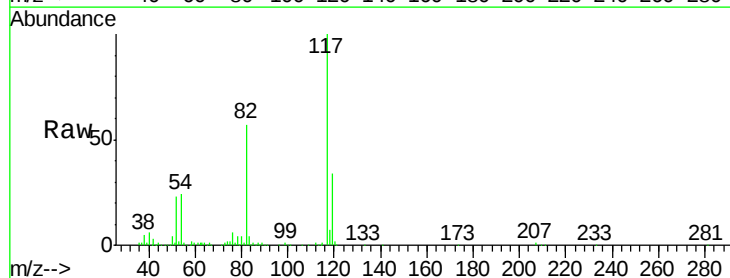
Instrument :
MSVOA_F
ClientSampleId :
A0C2-03

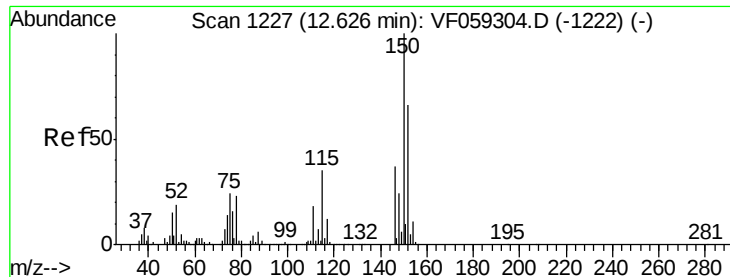
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	165.2
176	83.2	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059325.D
Acq: 26 Jun 2018 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	66.8
119	34.1	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: VF059325.D

Acq: 26 Jun 2018 19:05

Instrument :

MSVOA_F

ClientSampleId :

A0C2-03

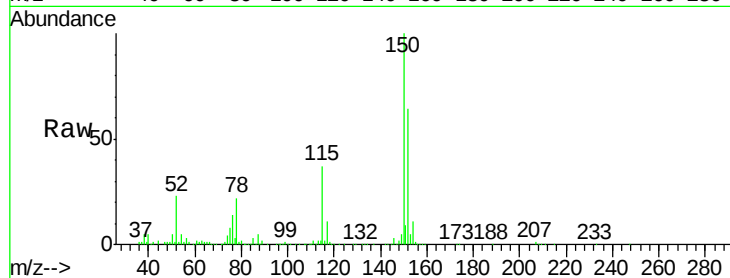
Tot Ion:152 Resp: 123443

Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 155.1 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

