

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059527.D
 Acq On : 18 Jul 2018 22:11
 Operator : VA/AP
 Sample : J4013-05
 Misc : 5.49g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-ID

Quant Time: Jul 19 05:28:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

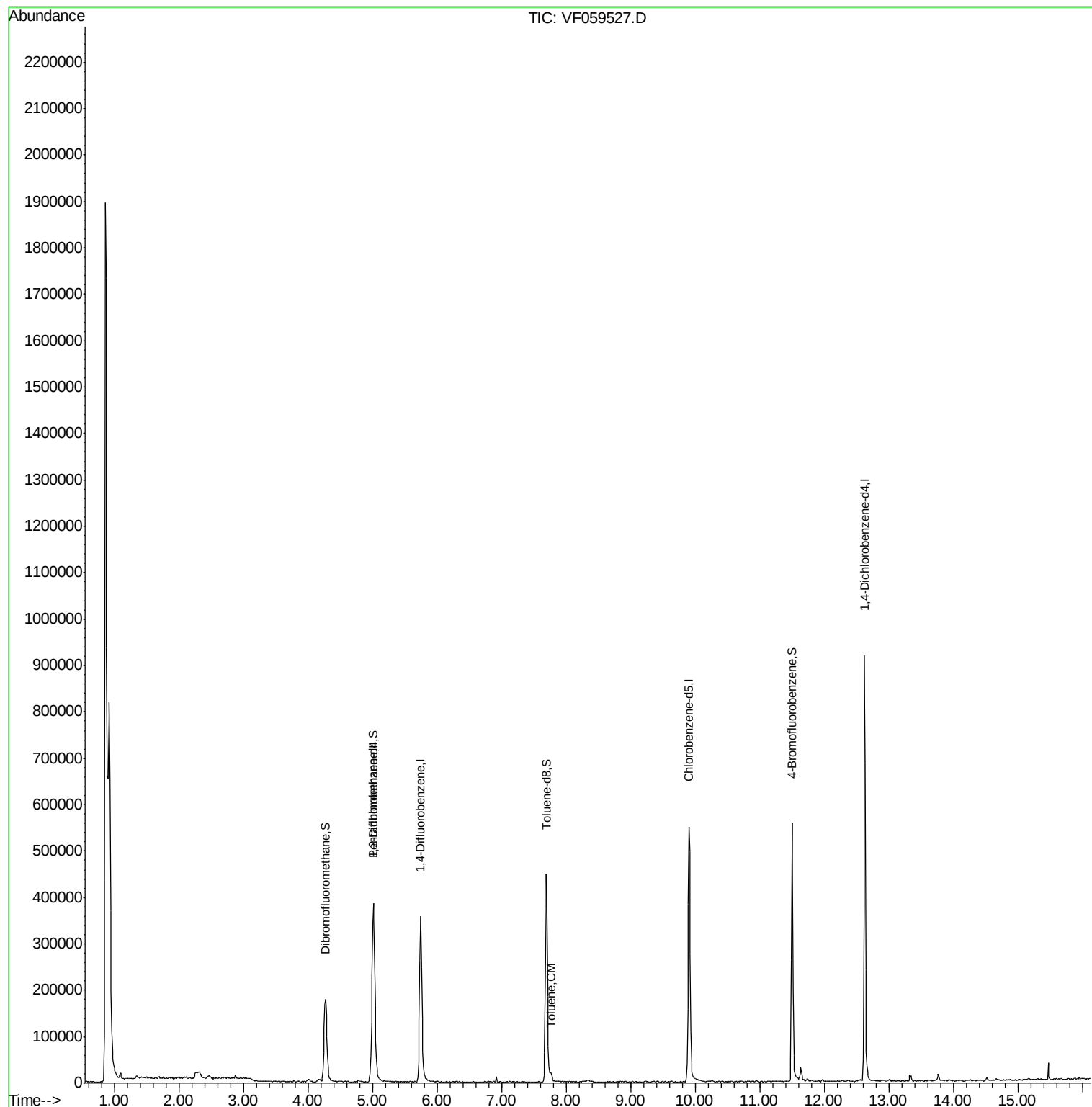
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	245589	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.75	114	377864	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.90	117	382970	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.62	152	231378	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	186568	48.85	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	4.27	113	160690	49.10	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	7.69	98	365006	44.28	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	88.56%	
62) 4-Bromofluorobenzene	11.50	95	192770	44.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
52) Toluene	7.76	92	6572	1.23	ug/l	Qvalue 87

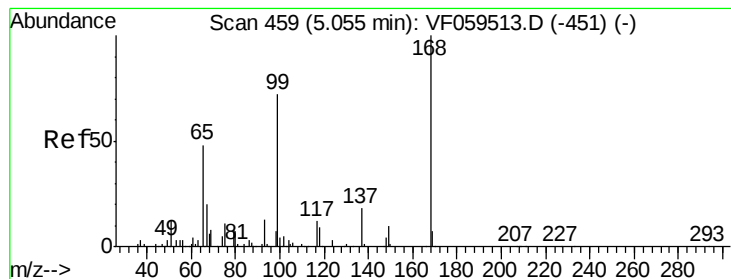
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.04 min

Lab File: VF059527.D

Acq: 18 Jul 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

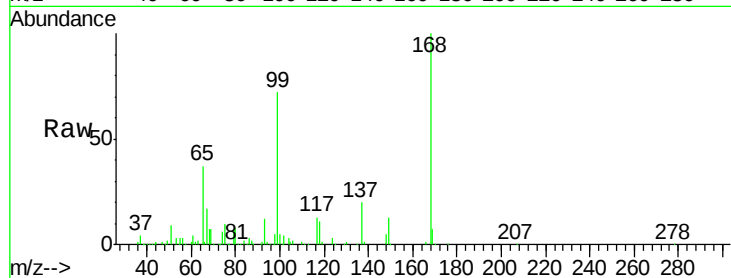
TP-ID

Tot Ion:168 Resp: 245589

Ion Ratio Lower Upper

168 100

99 71.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

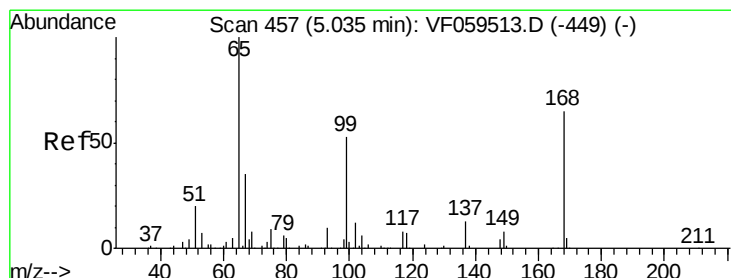
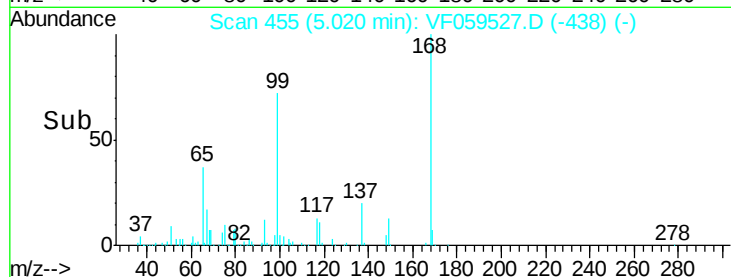
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 48.85 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.04 min

Lab File: VF059527.D

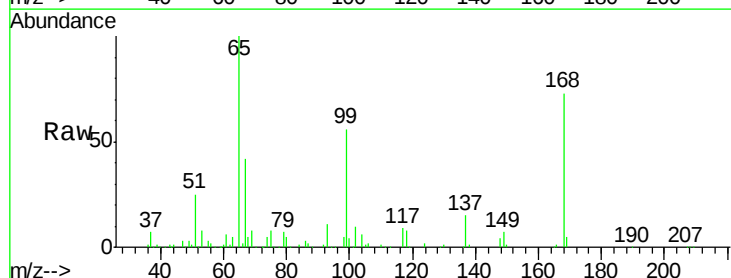
Acq: 18 Jul 2018 22:11

Tgt Ion: 65 Resp: 186568

Ion Ratio Lower Upper

65 100

67 41.7 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

80000

60000

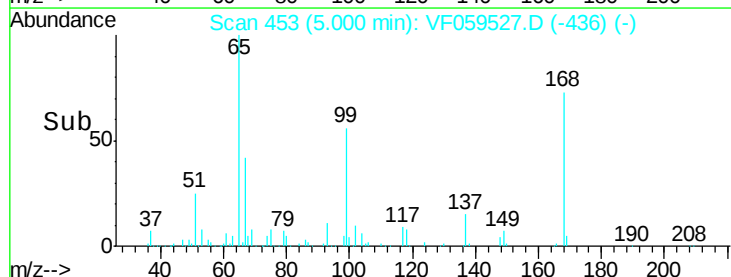
40000

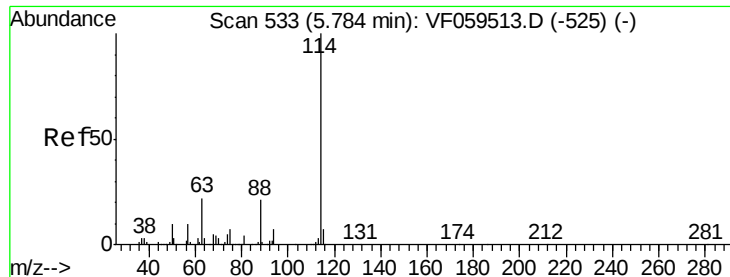
20000

0

Time-->

4.90 5.00 5.10 5.20

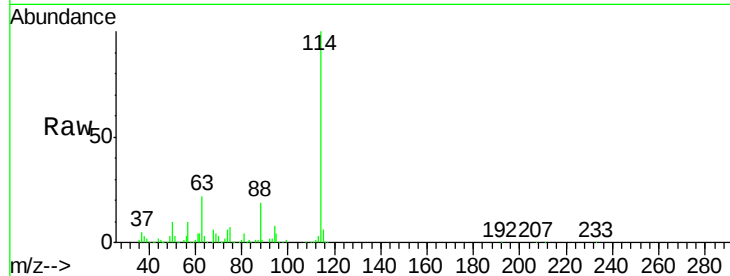




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VF059527.D
 Acq: 18 Jul 2018 22:11

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-ID

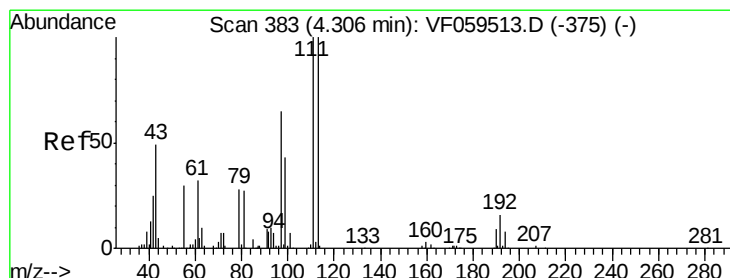
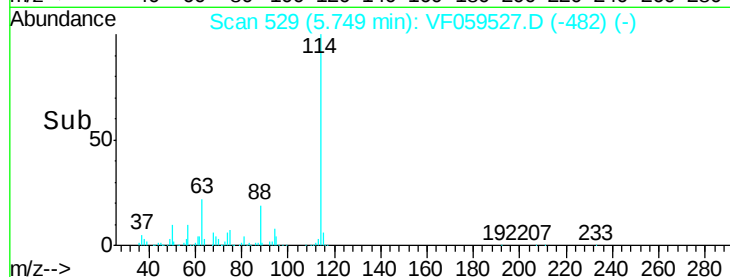
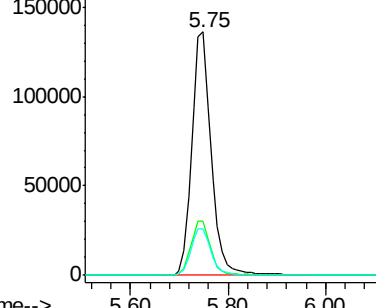
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.8
88	19.3	0.0	42.6



Abundance Ion 114.00 (113.70 to 114.70): V

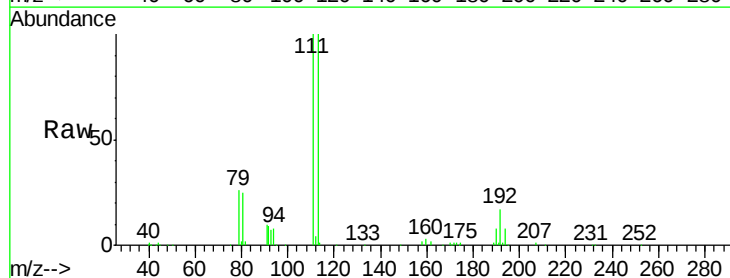
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.04 min
 Lab File: VF059527.D
 Acq: 18 Jul 2018 22:11

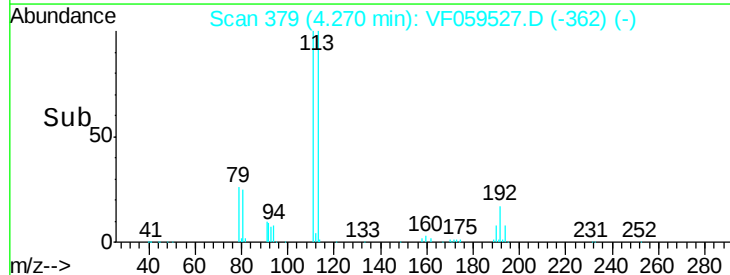
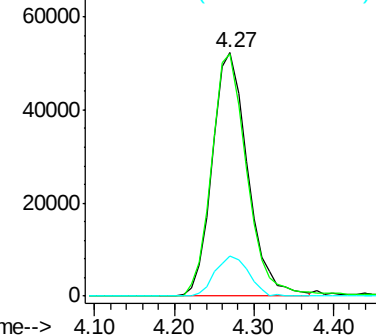
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	80.3	120.5
192	16.5	13.1	19.7

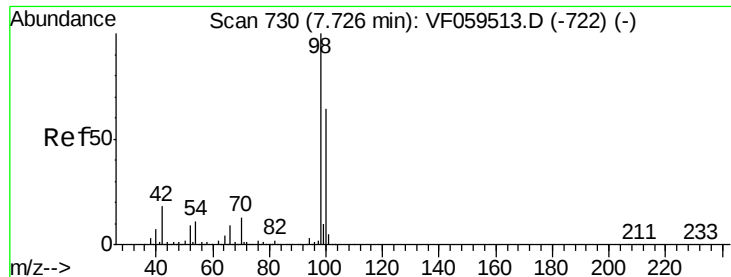


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

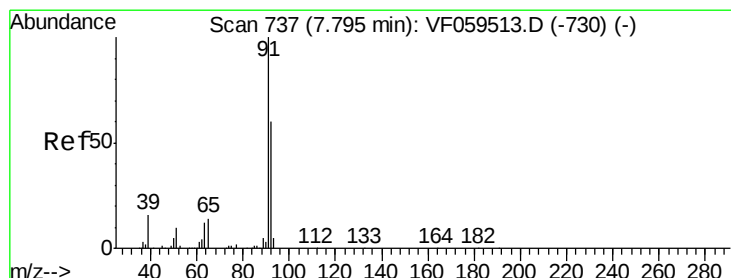
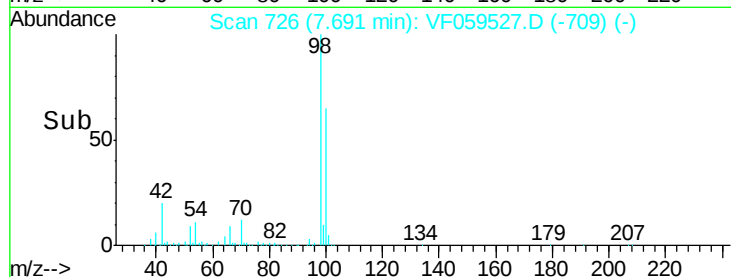
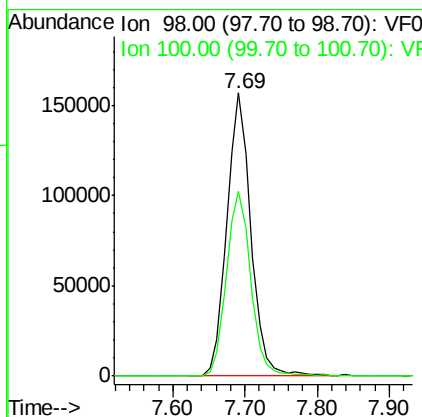
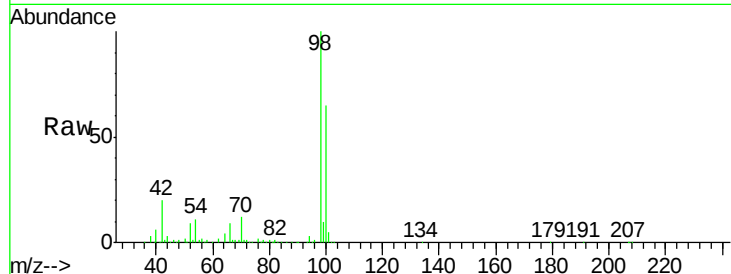




#50
Toluene-d8
Concen: 44.28 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.04 min
Lab File: VF059527.D
Acq: 18 Jul 2018 22:11

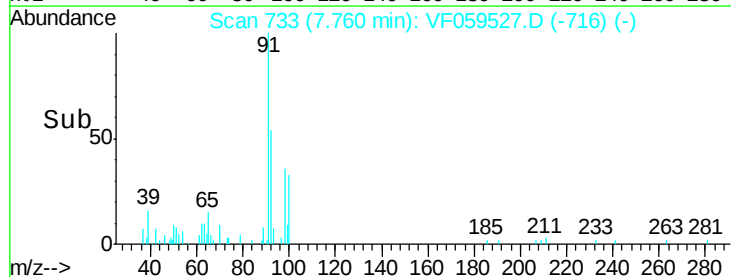
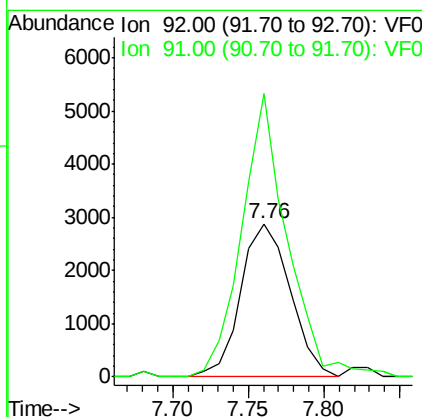
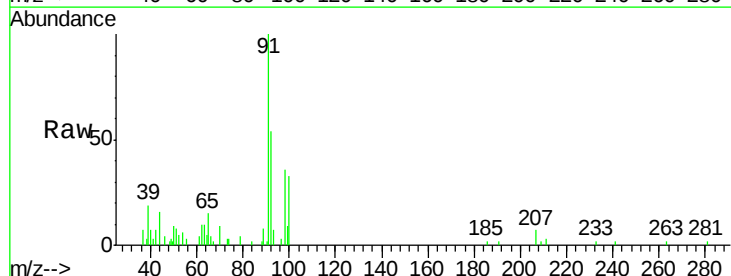
Instrument :
MSVOA_F
ClientSampleId :
TP-I-D

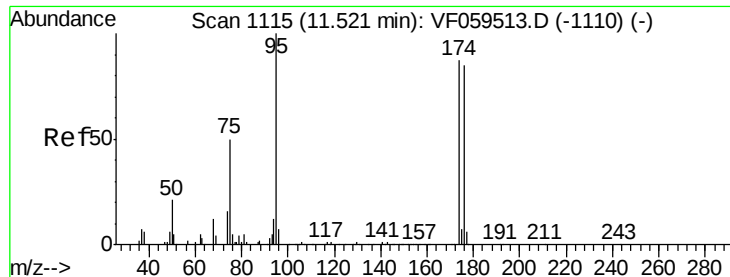
Tot Ion: 98 Resp: 365006
Ion Ratio Lower Upper
98 100
100 65.4 50.9 76.3



#52
Toluene
Concen: 1.23 ug/l
RT: 7.76 min Scan# 733
Delta R.T. -0.04 min
Lab File: VF059527.D
Acq: 18 Jul 2018 22:11

Tgt Ion: 92 Resp: 6572
Ion Ratio Lower Upper
92 100
91 184.8 134.2 201.4





#62

4-Bromofluorobenzene

Concen: 44.58 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VF059527.D

Acq: 18 Jul 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

TP-ID

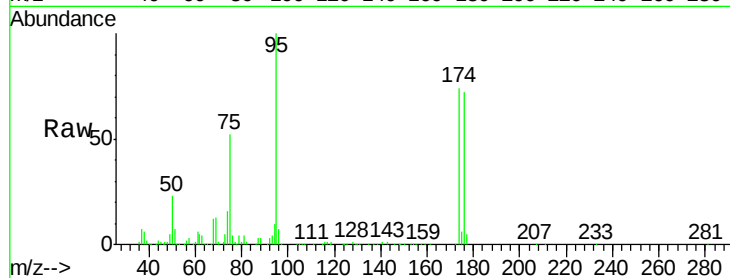
Tot Ion: 95 Resp: 192770

Ion Ratio Lower Upper

95 100

174 74.4 0.0 174.4

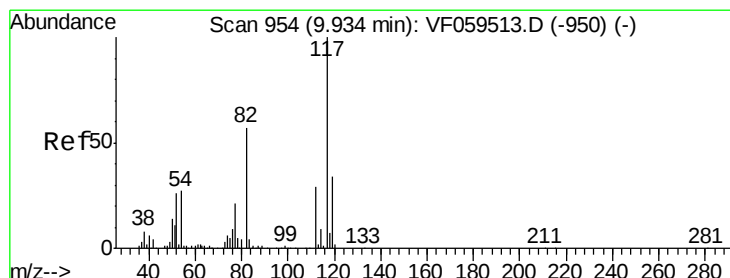
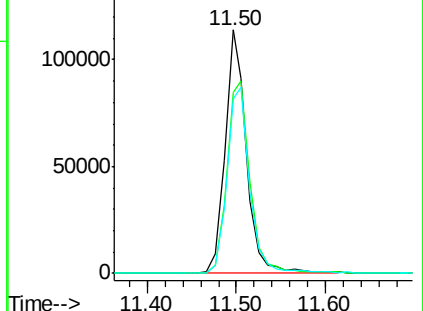
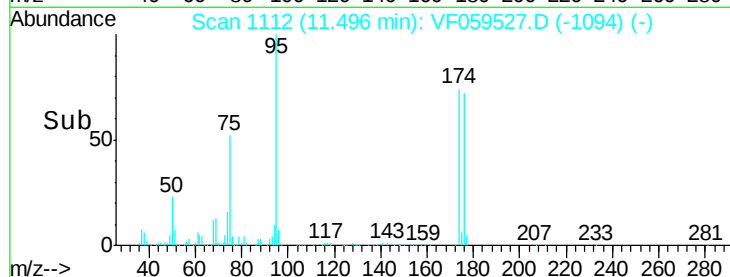
176 71.8 0.0 169.4



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.04 min

Lab File: VF059527.D

Acq: 18 Jul 2018 22:11

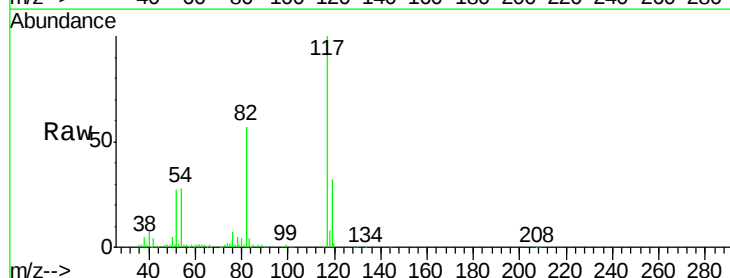
Tgt Ion: 117 Resp: 382970

Ion Ratio Lower Upper

117 100

82 57.2 46.1 69.1

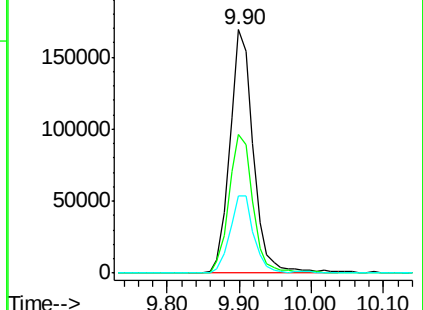
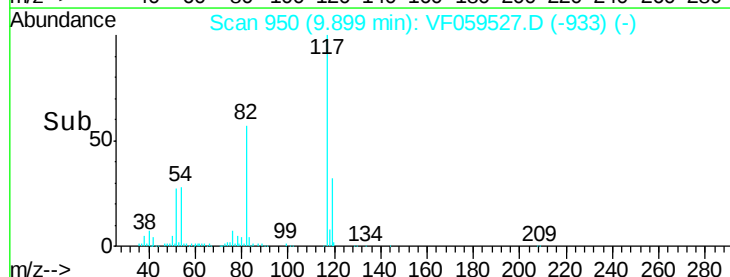
119 31.9 27.2 40.8

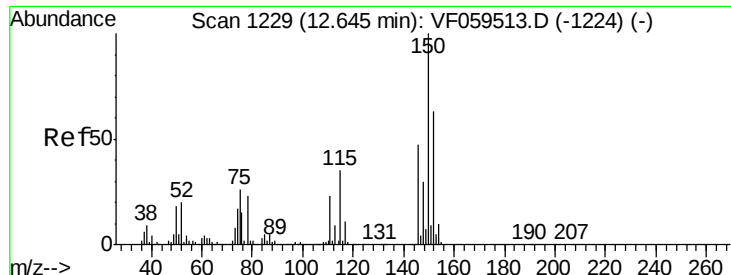


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

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. -0.03 min

Lab File: VF059527.D

Acq: 18 Jul 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

TP-I-D

Tot Ion:152 Resp: 231378

Ion Ratio Lower Upper

152 100

115 58.7 27.8 83.3

150 151.1 0.0 318.4

