

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060577.D
 Acq On : 5 Nov 2018 17:20
 Operator : VA/AP
 Sample : J5724-03
 Misc : 5.04/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Quant Time: Nov 05 17:21:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

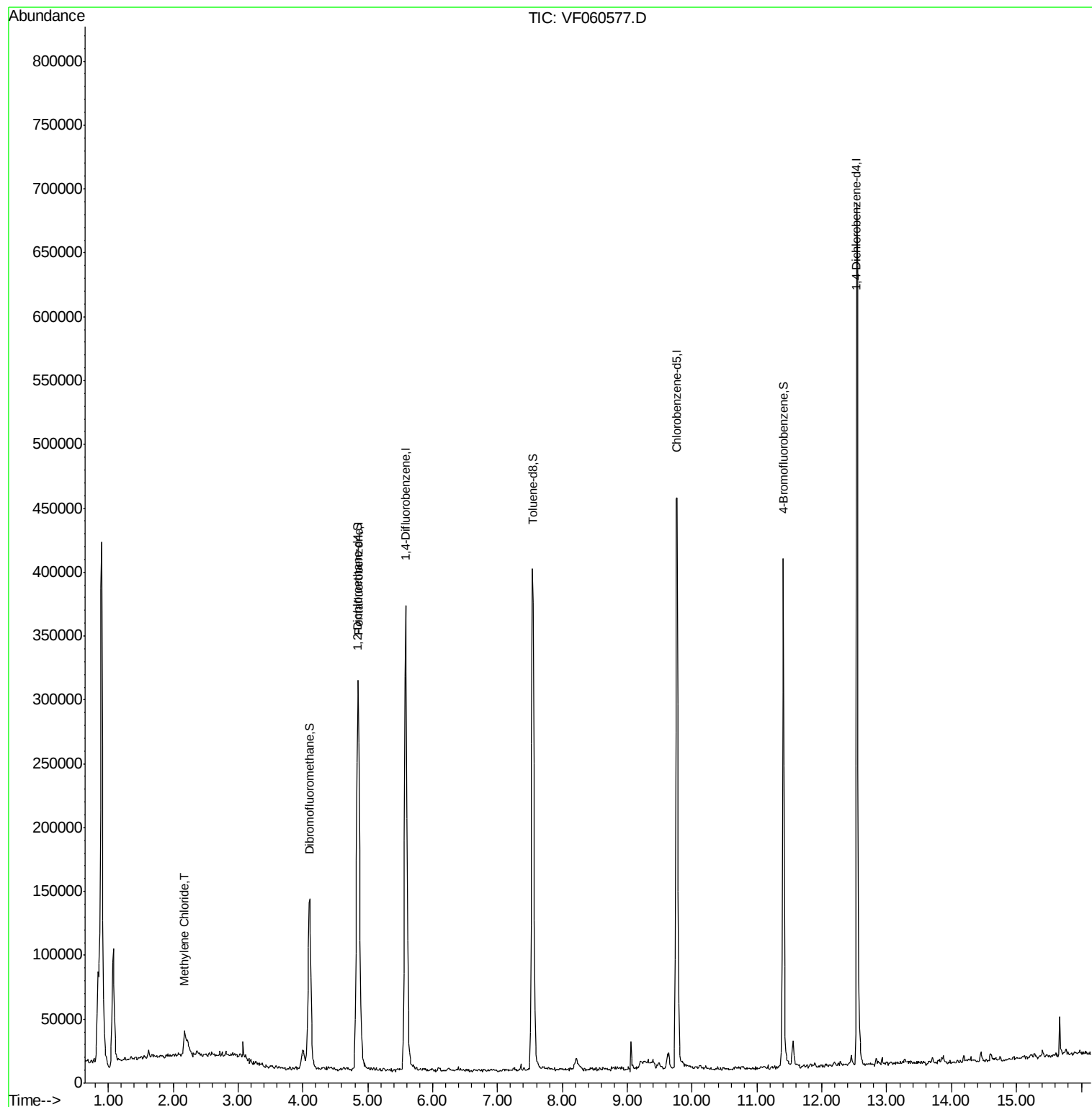
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	247764	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	432287	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	350103	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	180577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	106682	42.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.24%	
35) Dibromofluoromethane	4.09	113	132511	39.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.36%	
50) Toluene-d8	7.54	98	340972	34.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.92%	
62) 4-Bromofluorobenzene	11.40	95	158261	36.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
20) Methylene Chloride	2.18	84	15317	3.697	ug/l #	95

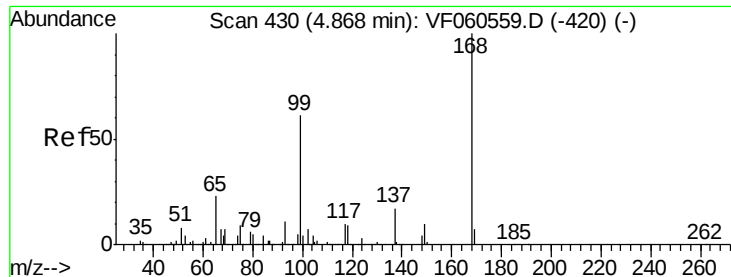
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

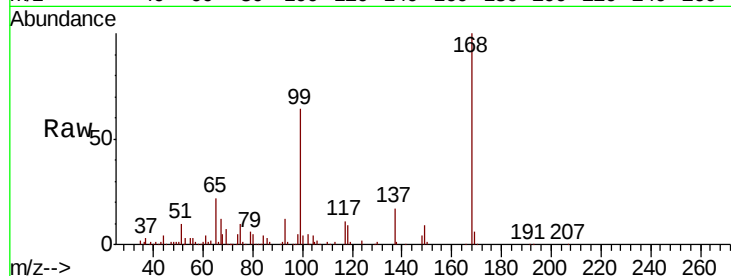
FIBER-MATERIAL(NEAR-BERM)

Tot Ion:168 Resp: 247764

Ion Ratio Lower Upper

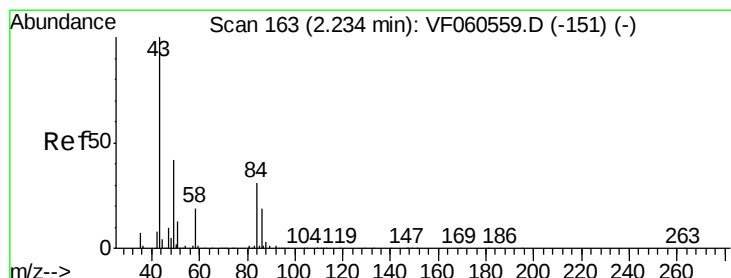
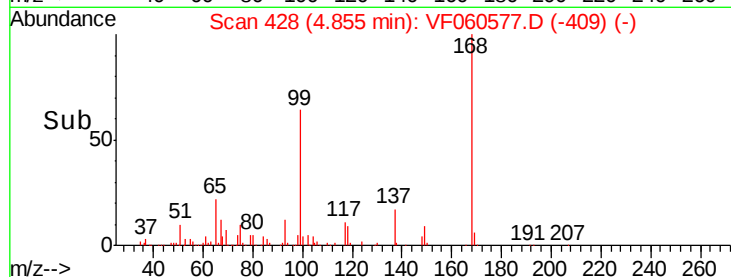
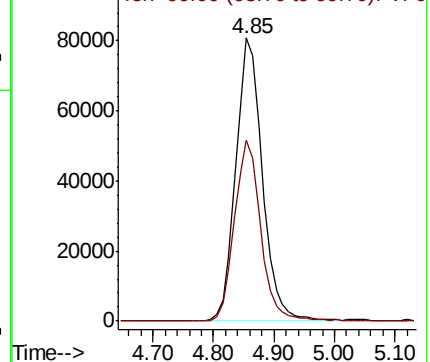
168 100

99 63.7 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 3.697 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.05 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Tgt Ion: 84 Resp: 15317

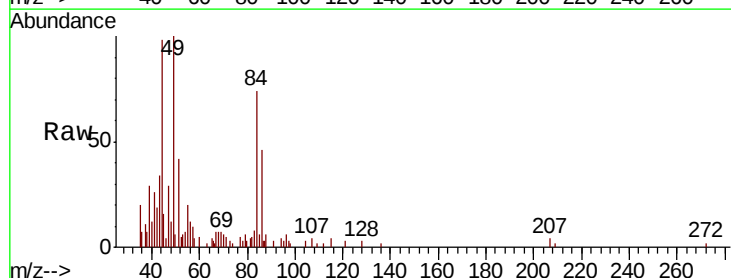
Ion Ratio Lower Upper

84 100

49 135.1 109.9 164.9

51 56.3 35.8 53.8#

86 61.7 48.3 72.5

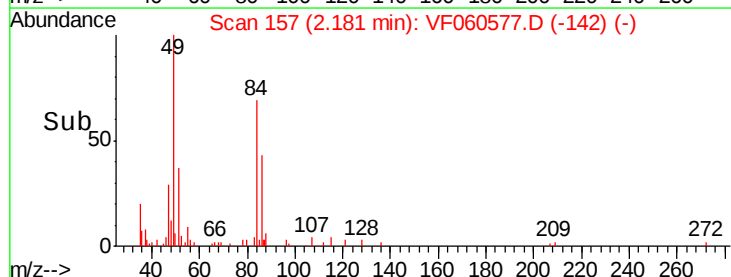
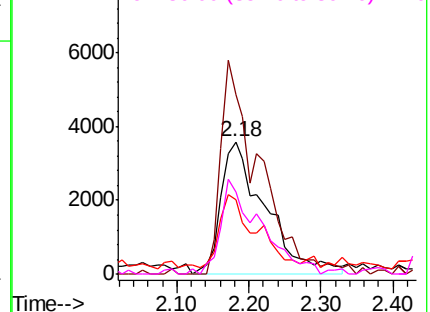


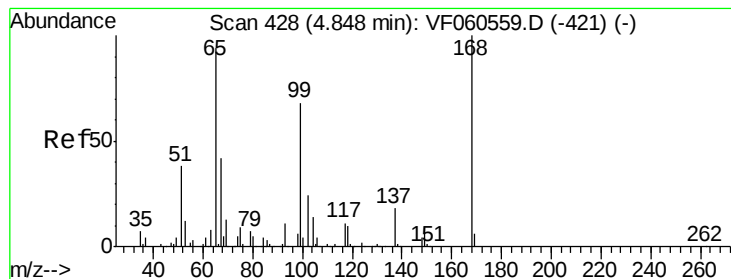
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 42.616 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

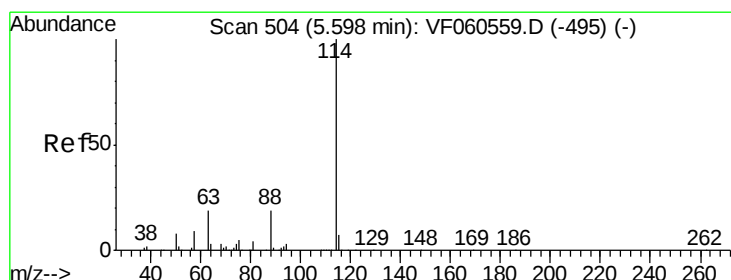
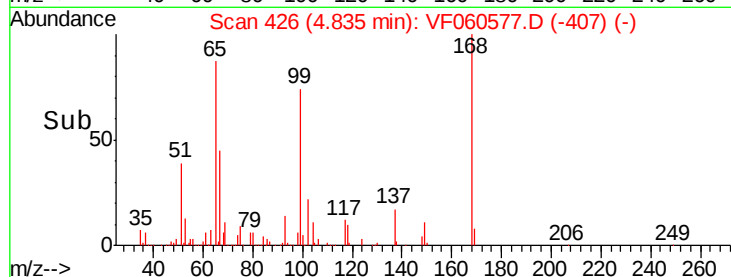
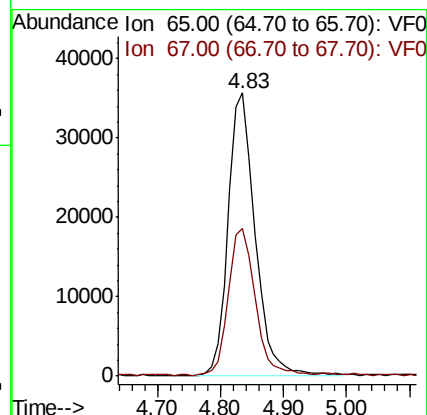
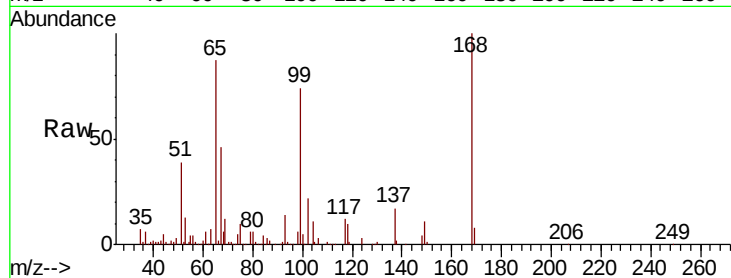
FIBER-MATERIAL(NEAR-BERM)

Tot Ion: 65 Resp: 106682

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

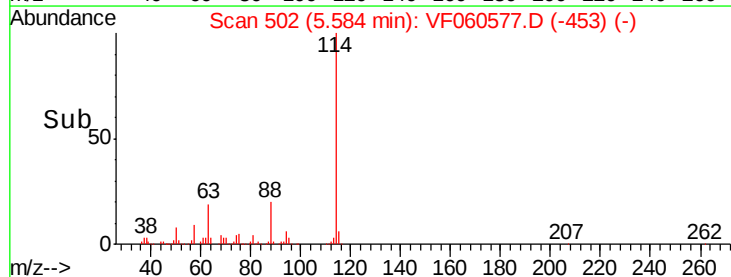
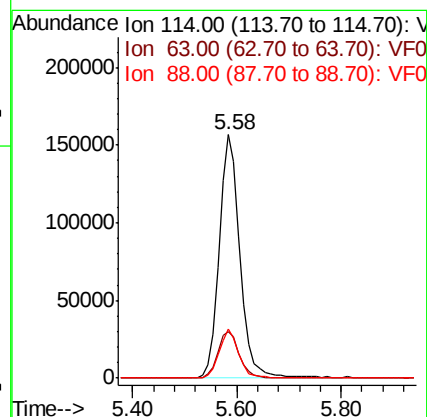
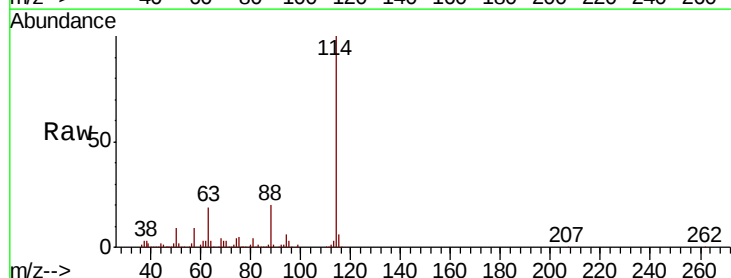
Tgt Ion: 114 Resp: 432287

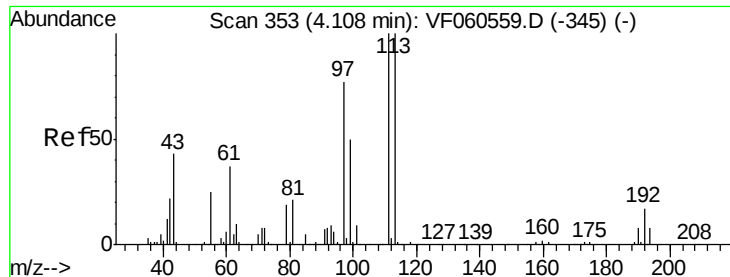
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

88 20.1 0.0 38.2





#35

Dibromofluoromethane

Concen: 39.676 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

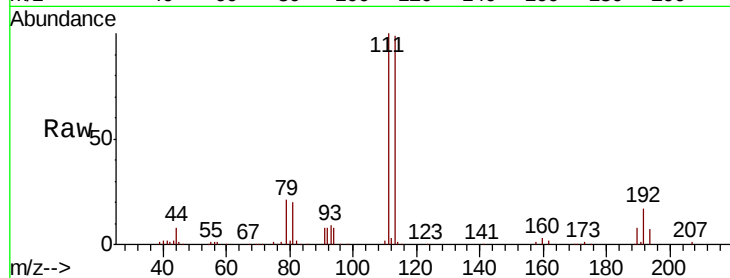
Tot Ion:113 Resp: 132511

Ion Ratio Lower Upper

113 100

111 101.3 79.9 119.9

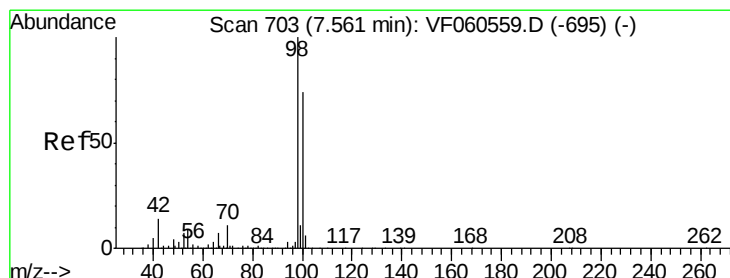
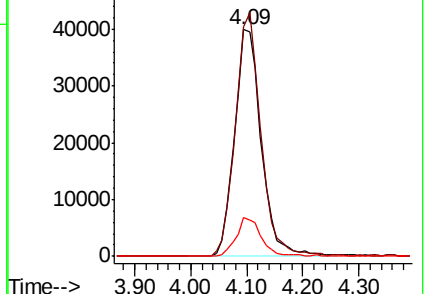
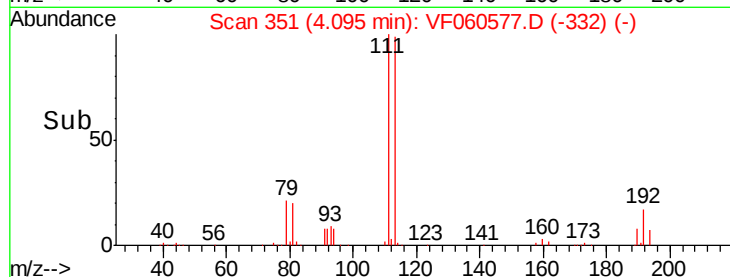
192 17.2 13.3 19.9



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: 34.464 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF060577.D

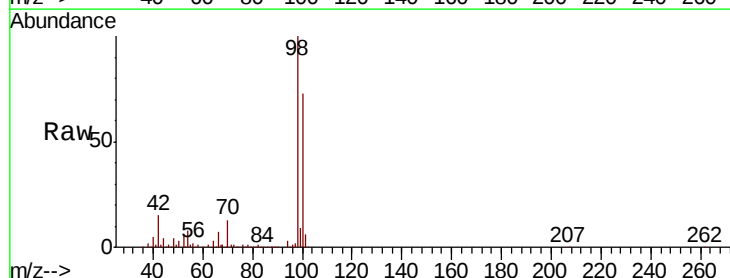
Acq: 5 Nov 2018 17:20

Tgt Ion: 98 Resp: 340972

Ion Ratio Lower Upper

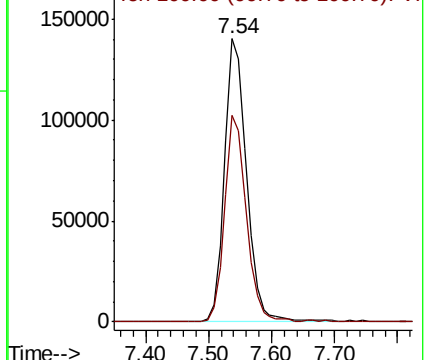
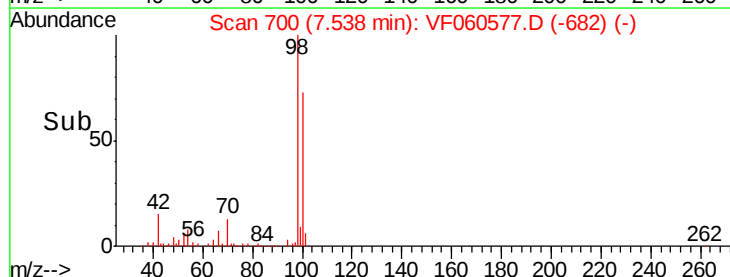
98 100

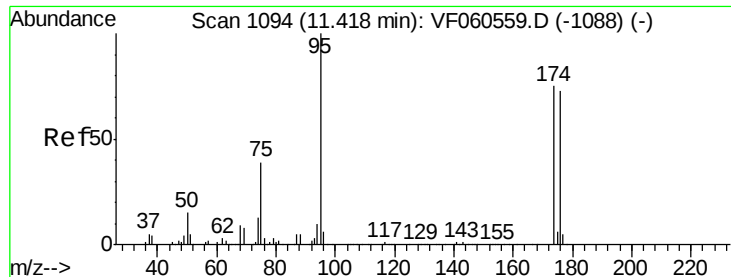
100 73.1 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 36.570 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

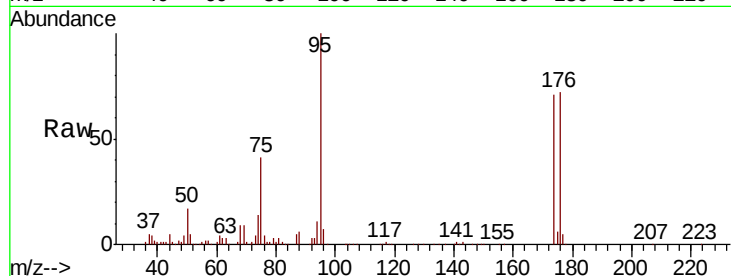
Tot Ion: 95 Resp: 158261

Ion Ratio Lower Upper

95 100

174 70.7 0.0 149.0

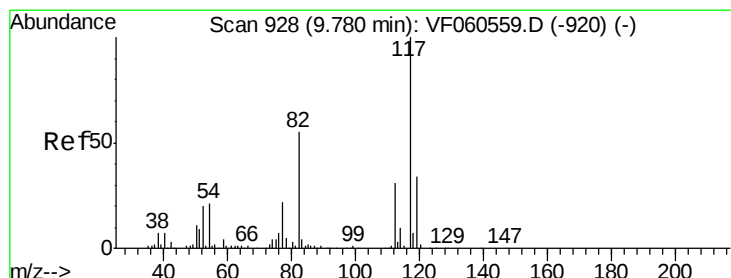
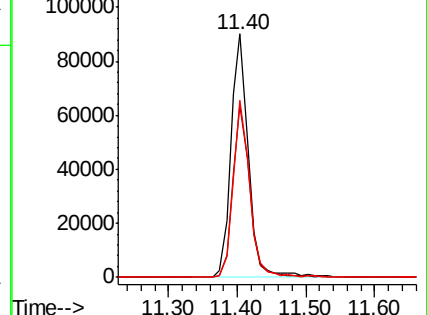
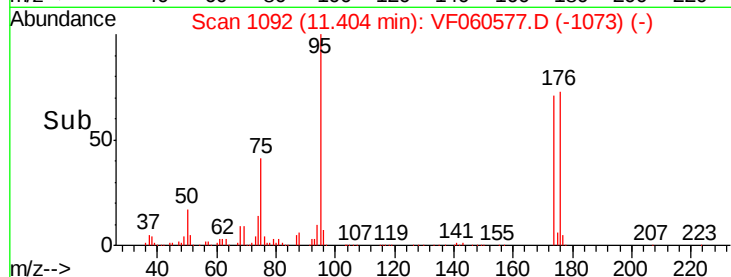
176 72.5 0.0 145.6



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: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

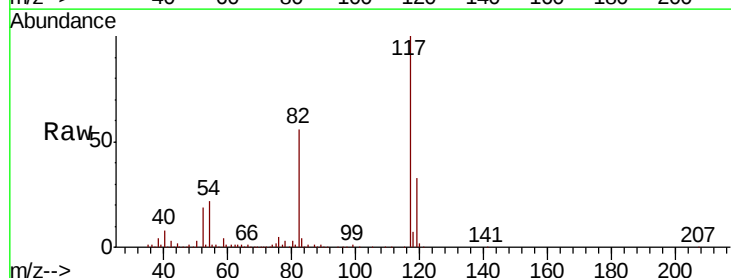
Tgt Ion: 117 Resp: 350103

Ion Ratio Lower Upper

117 100

82 56.1 43.9 65.9

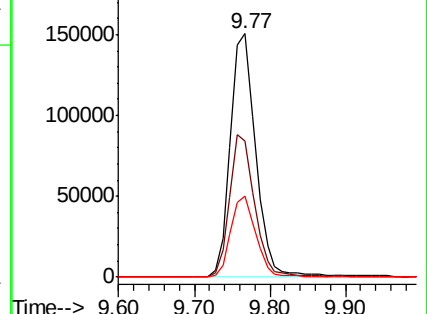
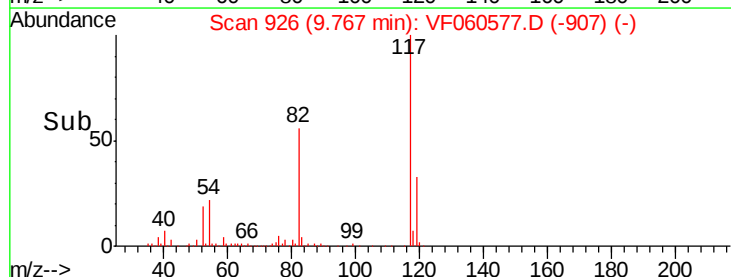
119 33.3 27.4 41.0

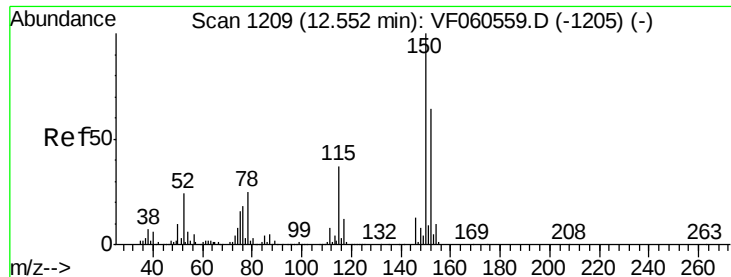


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF060577.D

Acq: 5 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

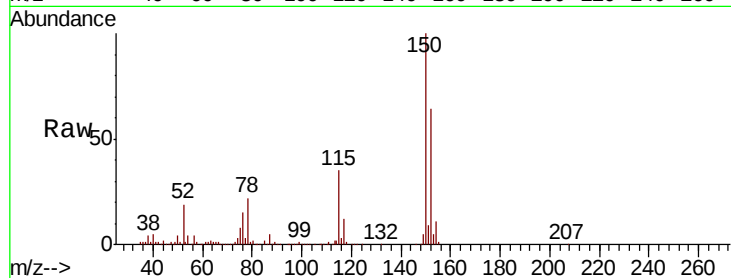
Tot Ion:152 Resp: 180577

Ion Ratio Lower Upper

152 100

115 54.7 29.6 88.8

150 156.3 0.0 315.6



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

