

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060183.D
 Acq On : 29 Aug 2018 8:44
 Operator : VA/AP
 Sample : J4277-09
 Misc : 6.48g/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-082718-A

Quant Time: Aug 29 10:58:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	55111	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	64149	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	26616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	8400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	15985	46.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.88%	
35) Dibromofluoromethane	4.28	113	20055	48.60	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	97.20%	
50) Toluene-d8	7.71	98	28445	20.15	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	40.30%	
62) 4-Bromofluorobenzene	11.50	95	12145	23.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.66%	

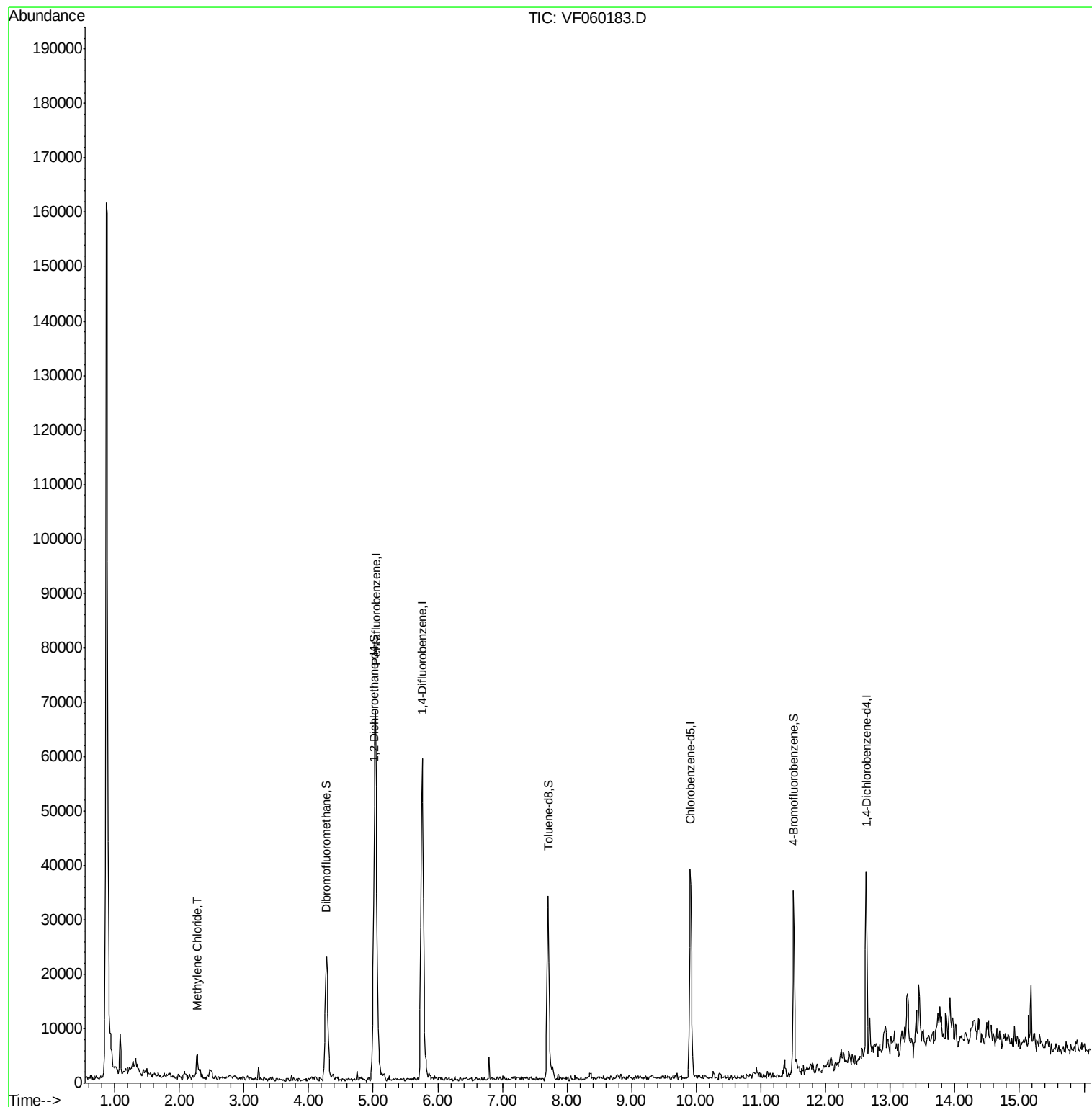
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.29	84	1921	3.58	ug/l	# 56

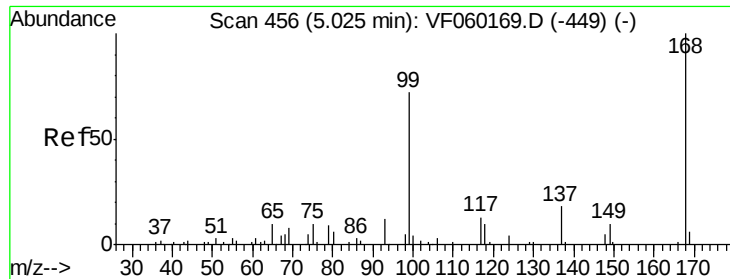
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

Instrument :

MSVOA_F

ClientSampleId :

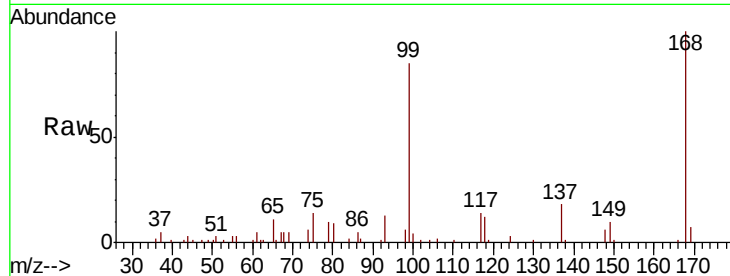
OR-01-082718-A

Tot Ion:168 Resp: 55111

Ion Ratio Lower Upper

168 100

99 85.3 57.9 86.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

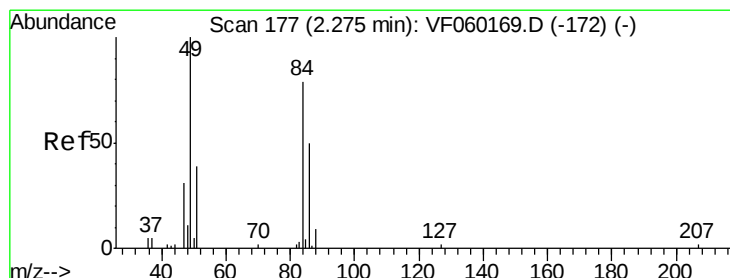
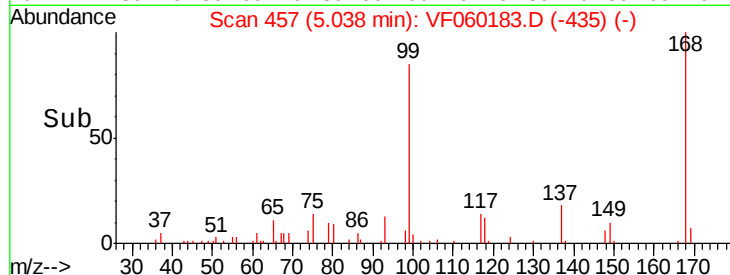
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 3.58 ug/l

RT: 2.29 min Scan# 178

Delta R.T. 0.01 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

Tgt Ion: 84 Resp: 1921

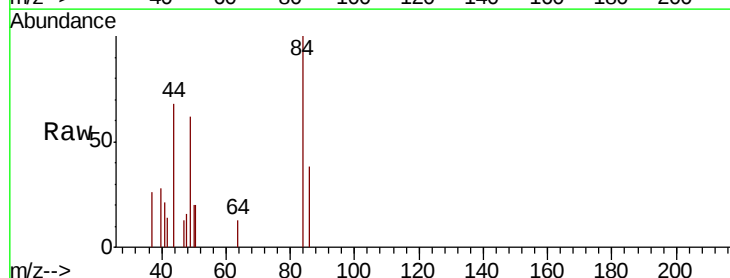
Ion Ratio Lower Upper

84 100

49 62.5 97.0 145.4#

51 20.4 38.2 57.2#

86 38.3 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

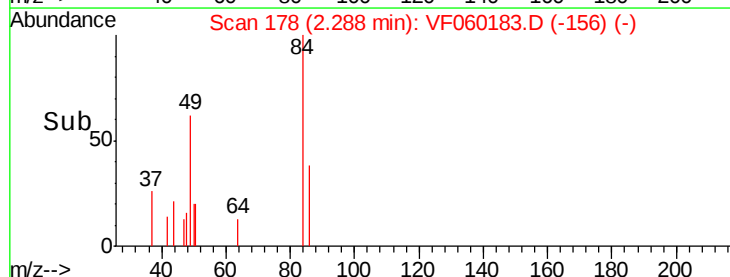
1500

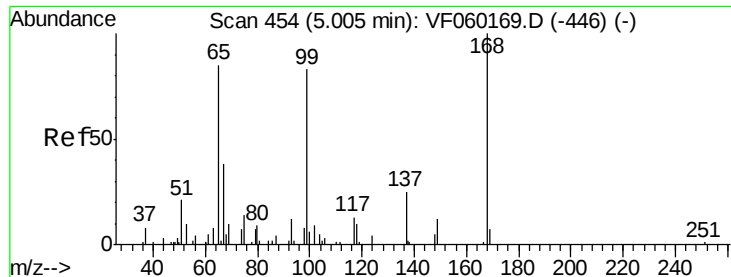
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.44 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.00 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

Instrument :

MSVOA_F

ClientSampleId :

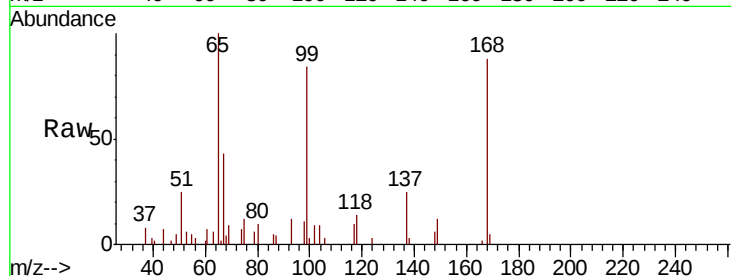
OR-01-082718-A

Tot Ion: 65 Resp: 15985

Ion Ratio Lower Upper

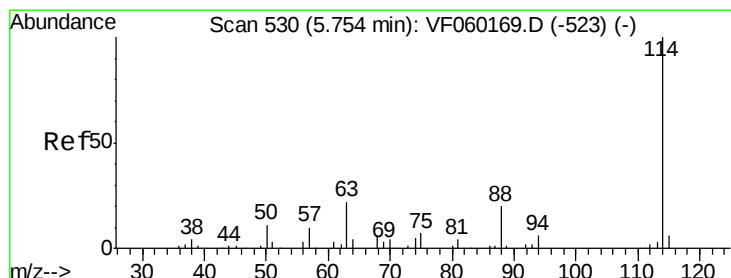
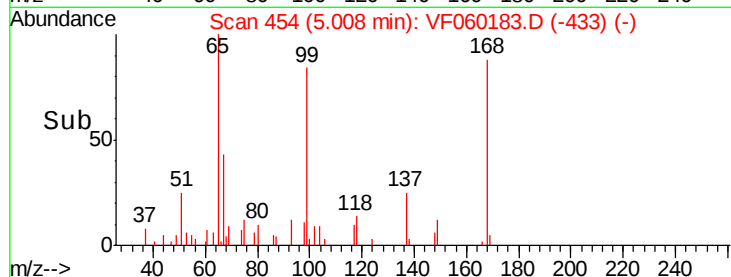
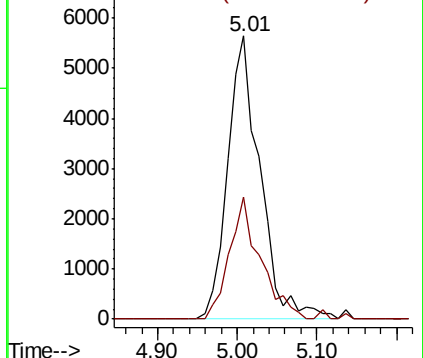
65 100

67 43.1 0.0 92.6



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: 5.76 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

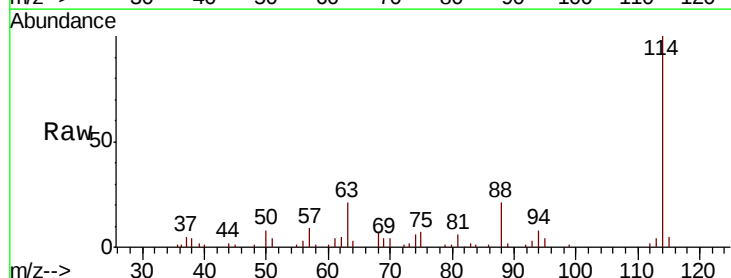
Tgt Ion: 114 Resp: 64149

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.8

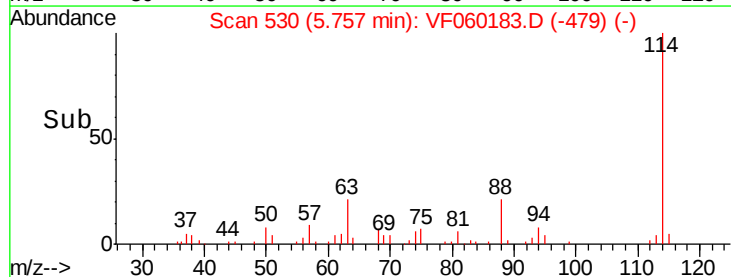
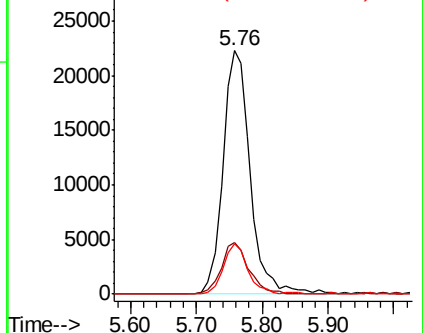
88 20.9 0.0 40.2

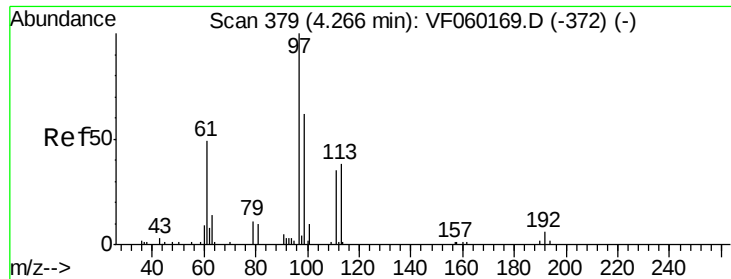


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

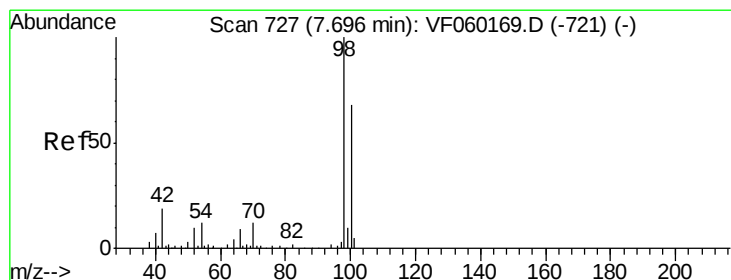
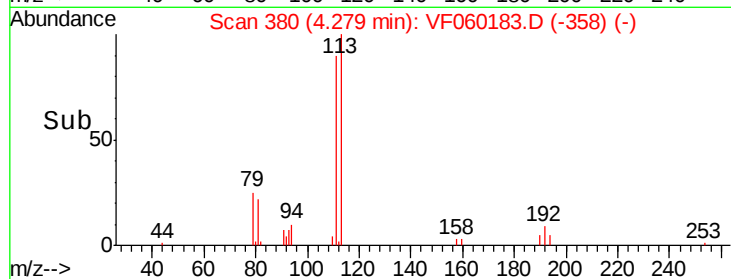
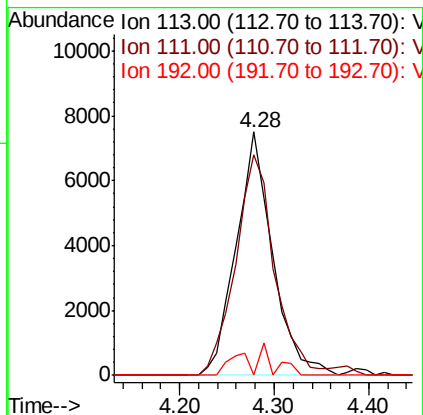
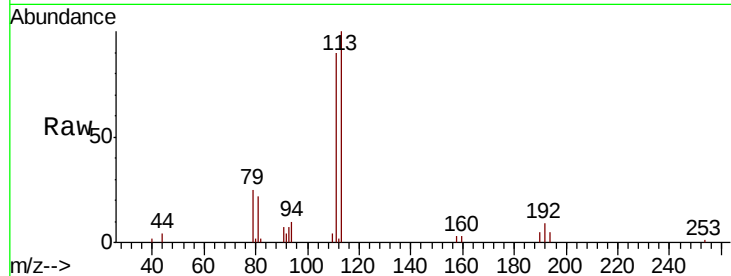




#35
 Dibromofluoromethane
 Concen: 48.60 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VF060183.D
 Acq: 29 Aug 2018 8:44

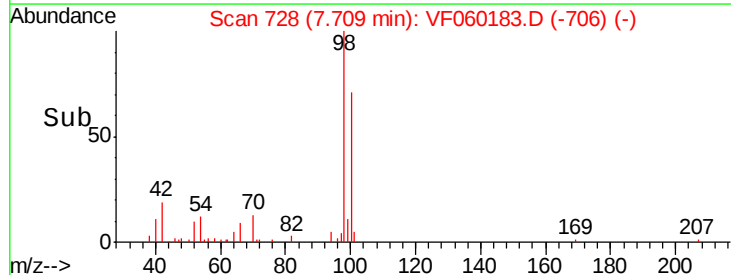
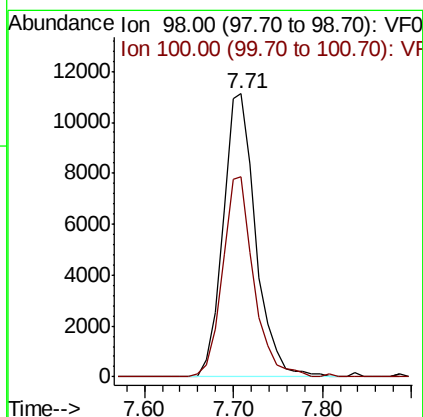
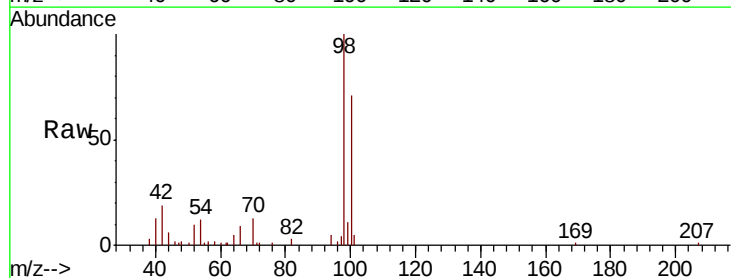
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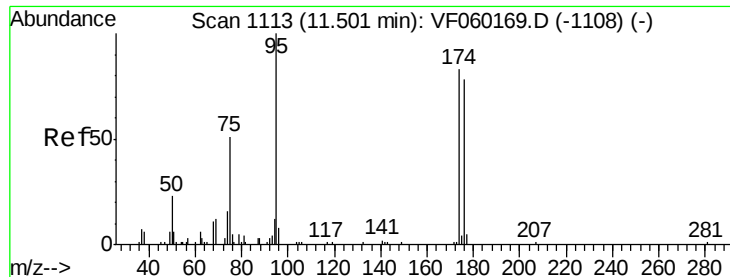
Tot Ion:113 Resp: 20055
 Ion Ratio Lower Upper
 113 100
 111 90.4 75.5 113.3
 192 0.0 12.5 18.7#



#50
 Toluene-d8
 Concen: 20.15 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF060183.D
 Acq: 29 Aug 2018 8:44

Tgt Ion: 98 Resp: 28445
 Ion Ratio Lower Upper
 98 100
 100 70.8 54.5 81.7





#62

4-Bromofluorobenzene

Concen: 23.33 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

Instrument :

MSVOA_F

ClientSampleId :

OR-01-082718-A

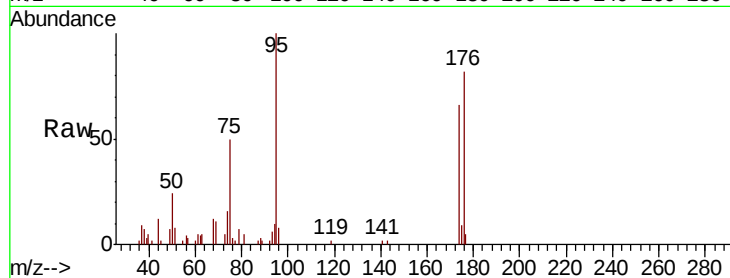
Tot Ion: 95 Resp: 12145

Ion Ratio Lower Upper

95 100

174 66.2 0.0 165.2

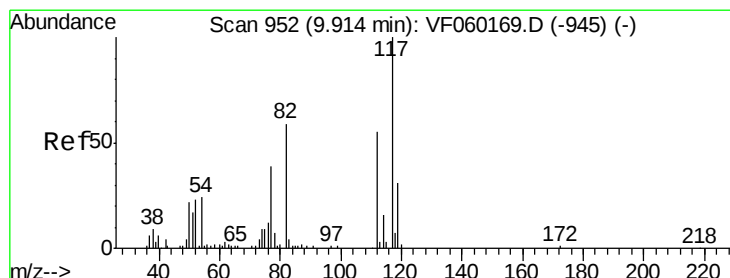
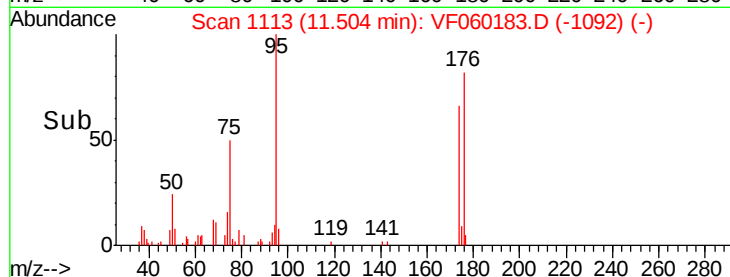
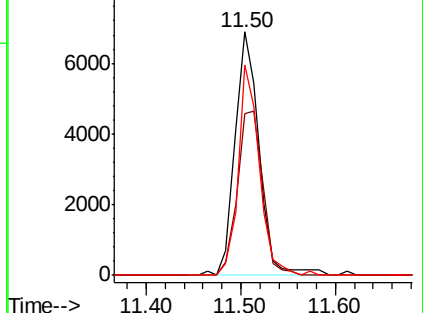
176 86.4 0.0 156.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

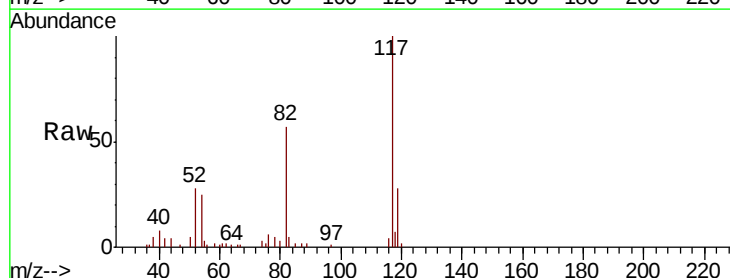
Tgt Ion: 117 Resp: 26616

Ion Ratio Lower Upper

117 100

82 57.0 47.2 70.8

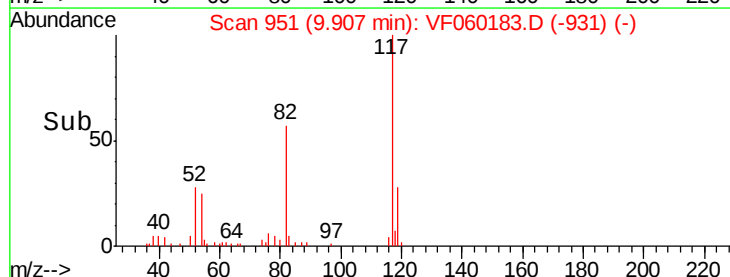
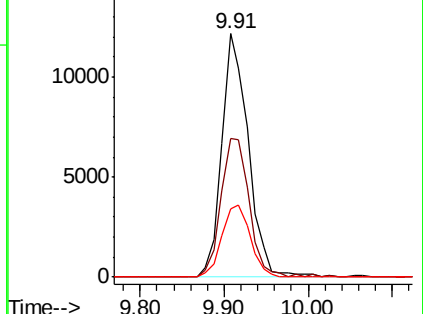
119 27.8 25.0 37.4

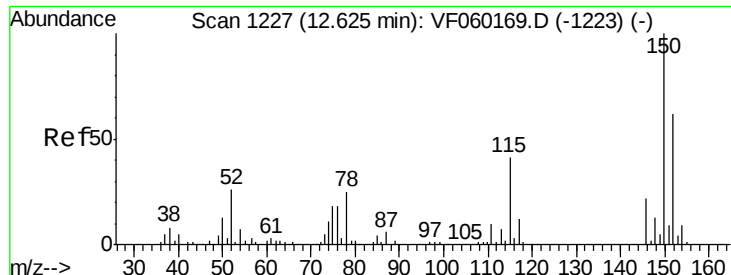


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF060183.D

Acq: 29 Aug 2018 8:44

Instrument :

MSVOA_F

ClientSampleId :

OR-01-082718-A

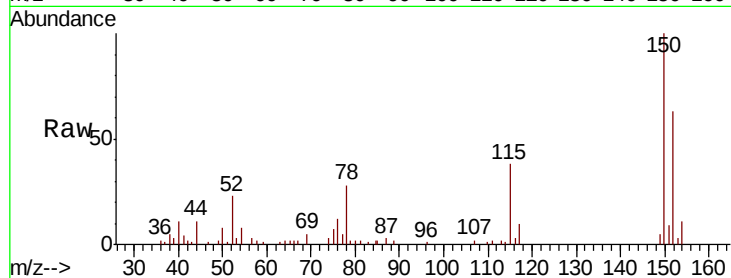
Tot Ion:152 Resp: 8400

Ion Ratio Lower Upper

152 100

115 60.2 33.2 99.6

150 158.8 0.0 325.6



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

