

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059586.D
 Acq On : 20 Jul 2018 5:36
 Operator : VA/AP
 Sample : J4001-02
 Misc : 10.92g/5mL/MSVOA F/SOIL
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-09-0-2

Quant Time: Jul 20 07:38:38 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

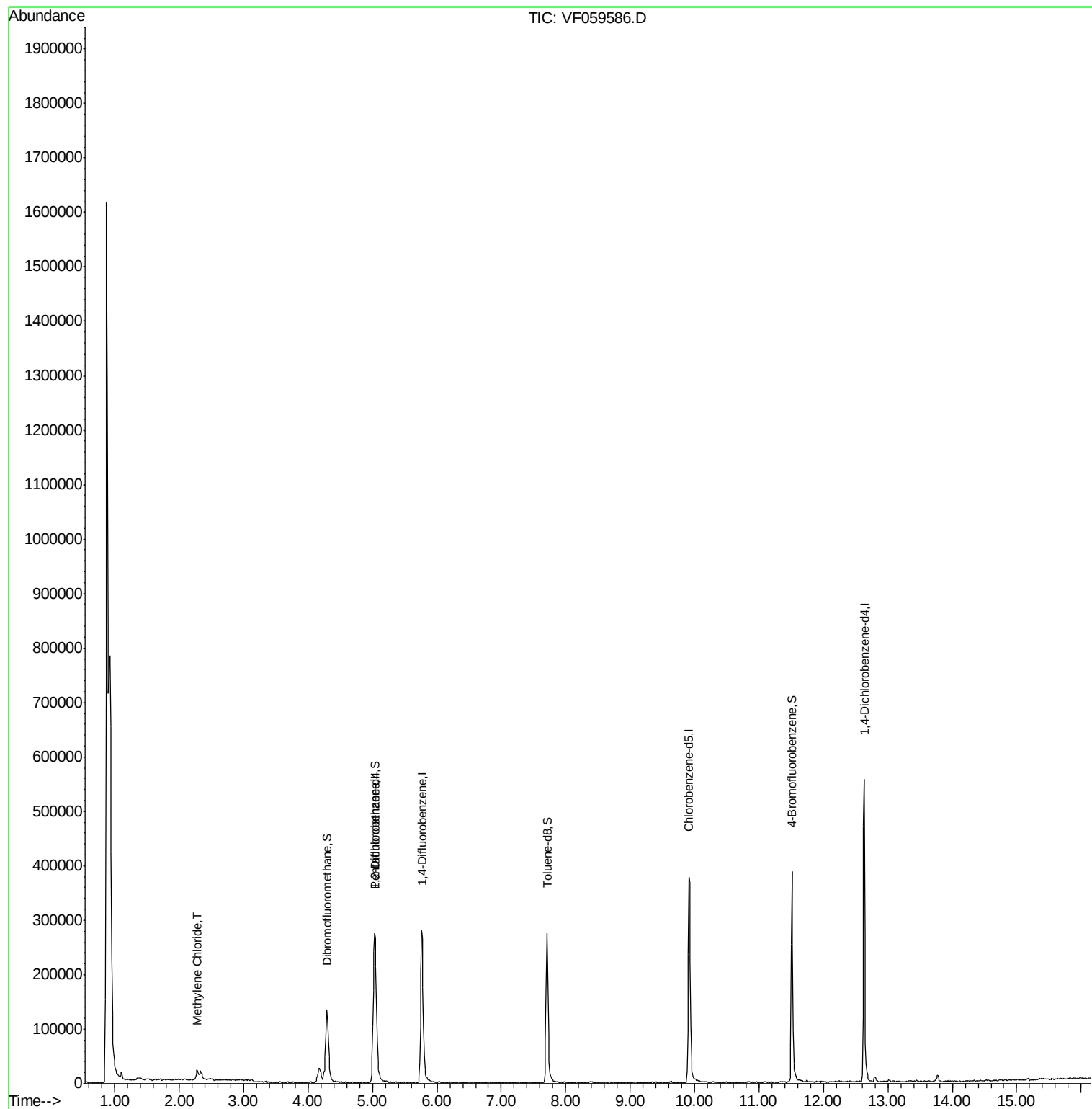
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	190806	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	280806	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	276919	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	151260	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	150939	50.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	4.29	113	122377	50.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	7.72	98	236687	38.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.28%	
62) 4-Bromofluorobenzene	11.51	95	132495	41.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.46%	
Target Compounds						
20) Methylene Chloride	2.27	84	9554	2.81	ug/l	# 80

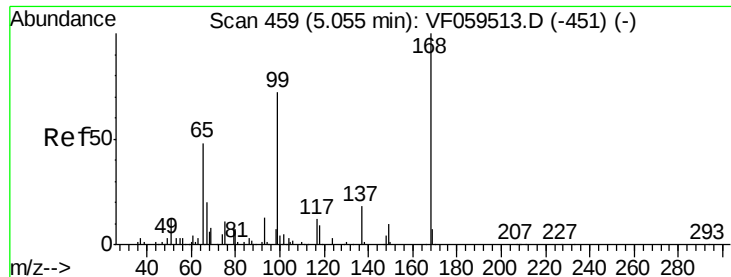
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

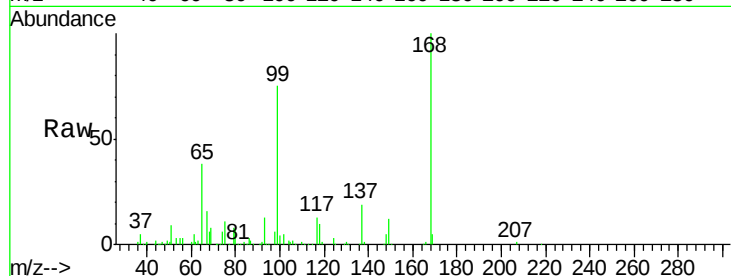
CON-SB-09-0-2

Tot Ion:168 Resp: 190806

Ion Ratio Lower Upper

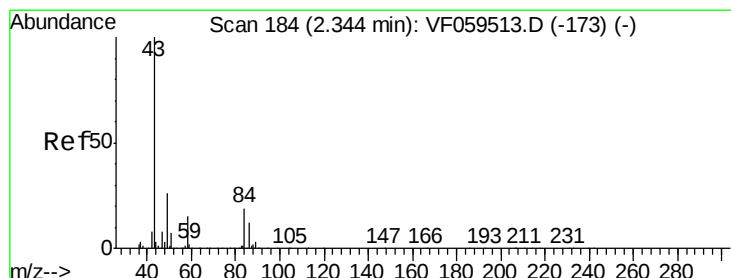
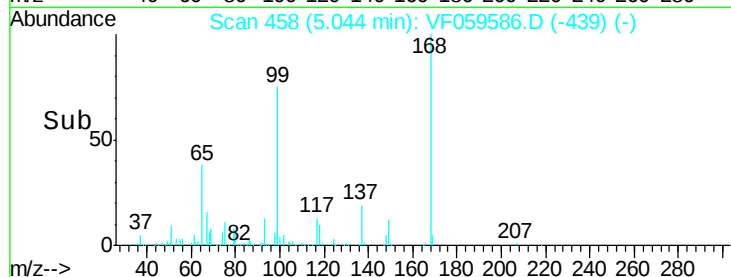
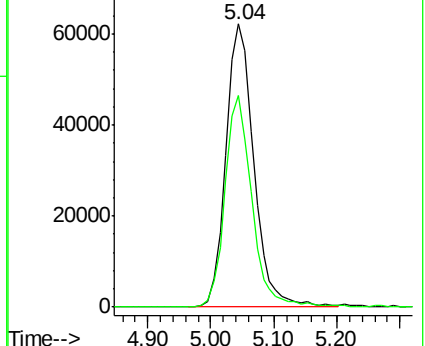
168 100

99 74.7 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.81 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.07 min

Lab File: VF059586.D

Acq: 20 Jul 2018 5:36

Tgt Ion: 84 Resp: 9554

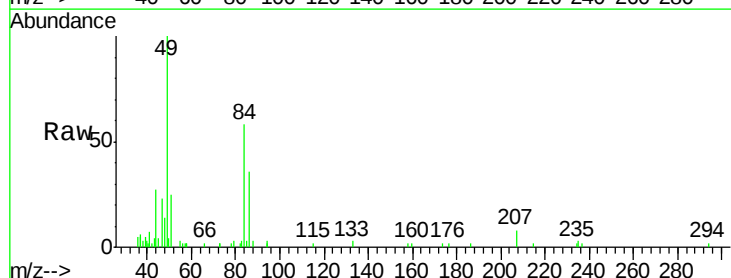
Ion Ratio Lower Upper

84 100

49 173.0 109.4 164.2#

51 43.0 30.5 45.7

86 62.1 47.6 71.4

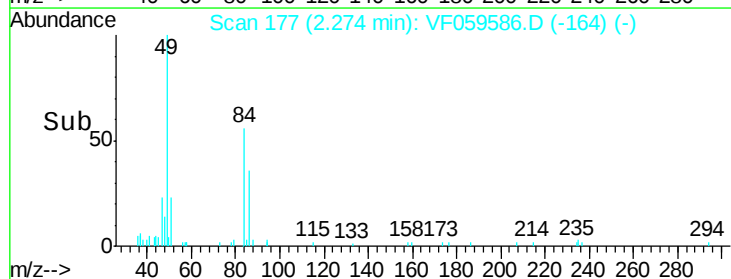
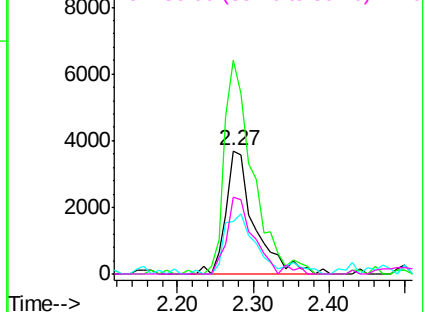


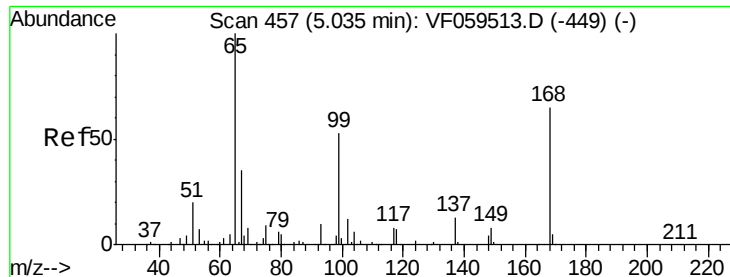
Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 50.86 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059586.D

Acq: 20 Jul 2018 5:36

Instrument :

MSVOA_F

ClientSampleId :

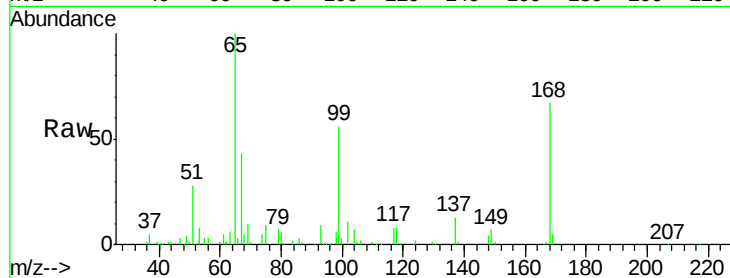
CON-SB-09-0-2

Tot Ion: 65 Resp: 150939

Ion Ratio Lower Upper

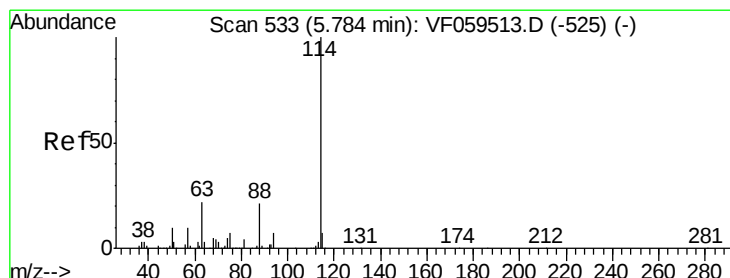
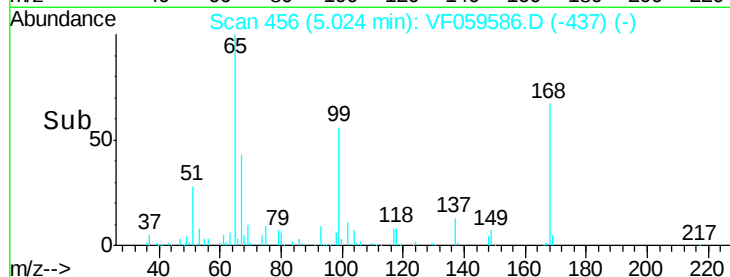
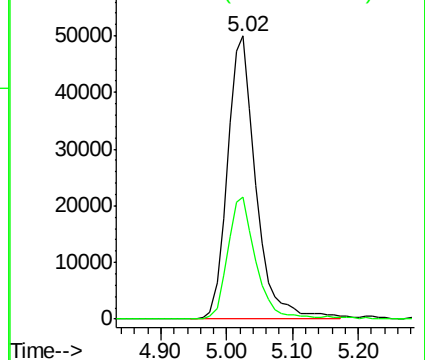
65 100

67 43.0 0.0 91.2



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# 531

Delta R.T. -0.02 min

Lab File: VF059586.D

Acq: 20 Jul 2018 5:36

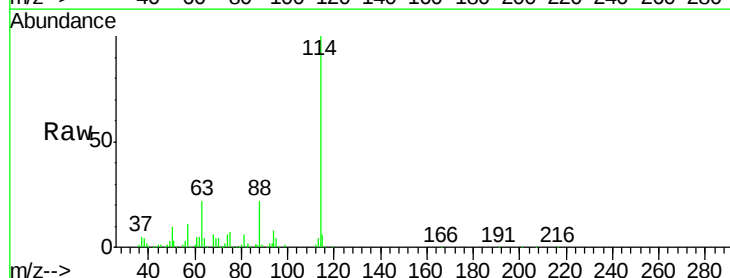
Tgt Ion: 114 Resp: 280806

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.8

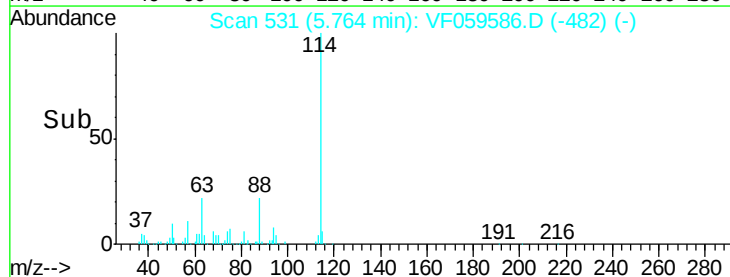
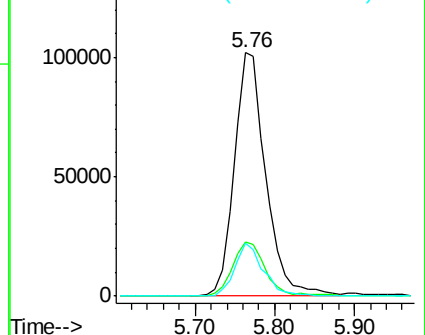
88 21.6 0.0 42.6

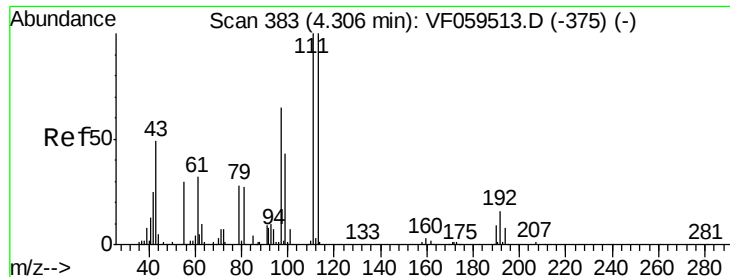


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 50.32 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF059586.D

Acq: 20 Jul 2018 5:36

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-09-0-2

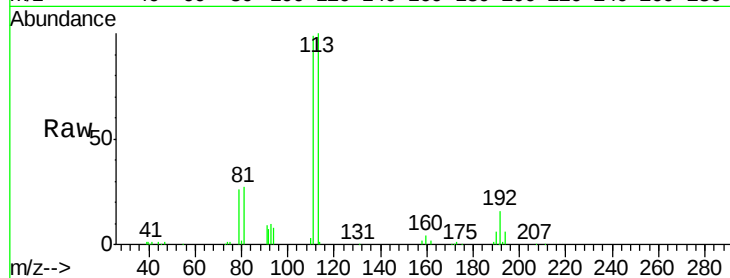
Tot Ion:113 Resp: 122377

Ion	Ratio	Lower	Upper
113	100		
111	97.9	80.3	120.5
192	16.1	13.1	19.7

113 100

111 97.9 80.3 120.5

192 16.1 13.1 19.7



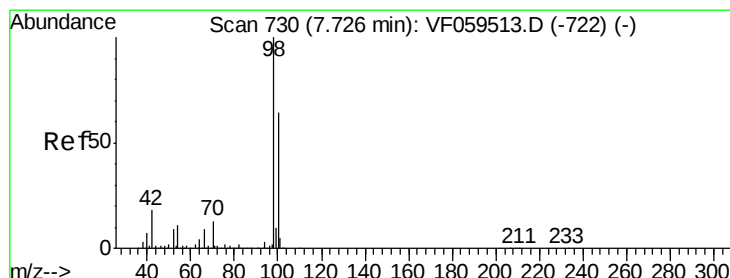
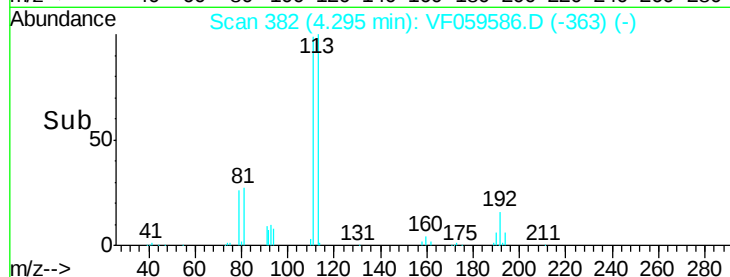
Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.29

Time-->



#50

Toluene-d8

Concen: 38.64 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.01 min

Lab File: VF059586.D

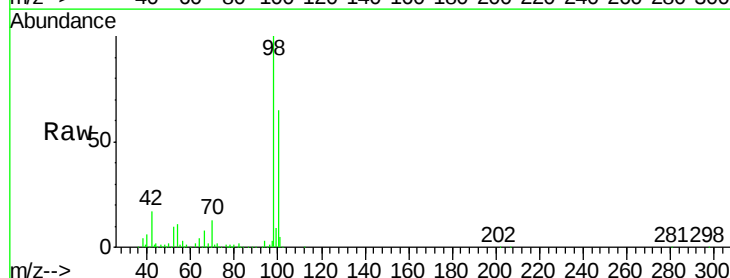
Acq: 20 Jul 2018 5:36

Tgt Ion: 98 Resp: 236687

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.9	76.3

98 100

100 65.1 50.9 76.3

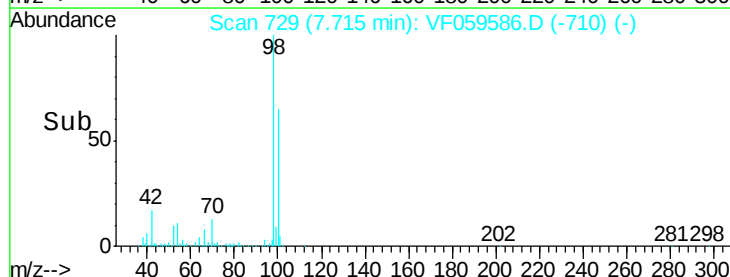


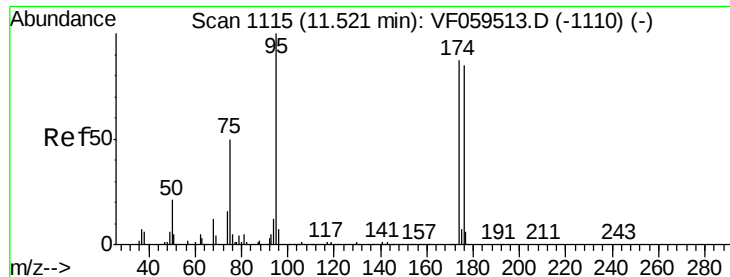
Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.72

Time-->

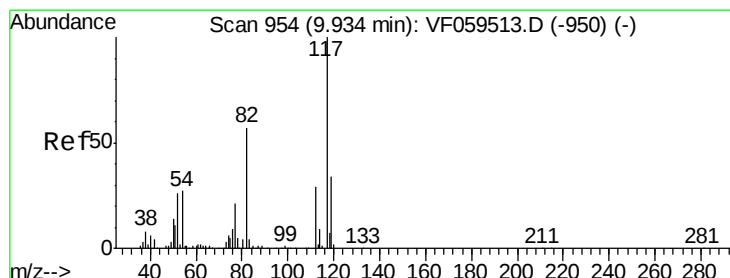
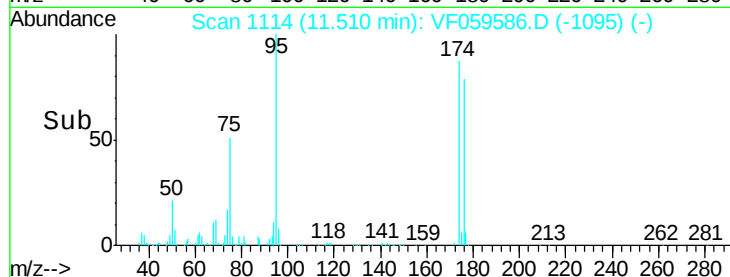
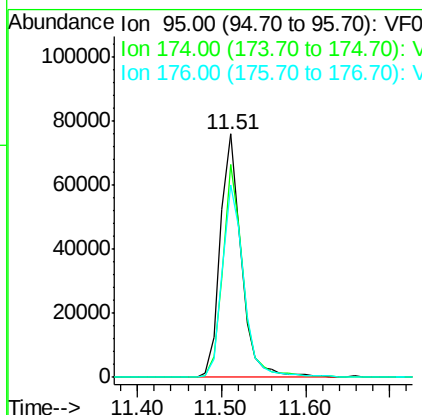
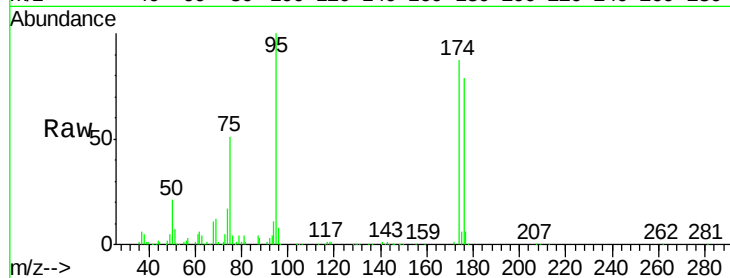




#62
4-Bromofluorobenzene
Concen: 41.23 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059586.D
Acq: 20 Jul 2018 5:36

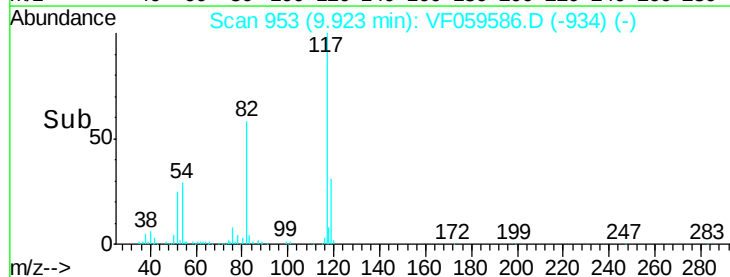
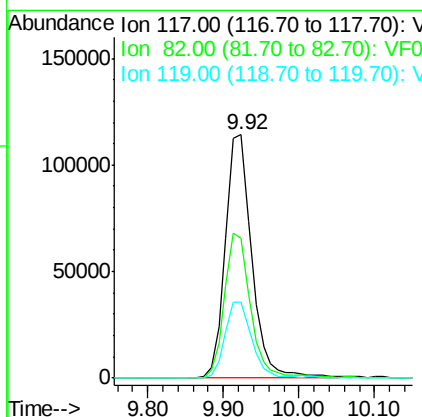
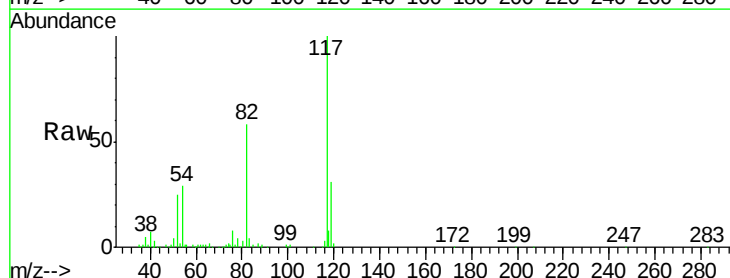
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-09-0-2

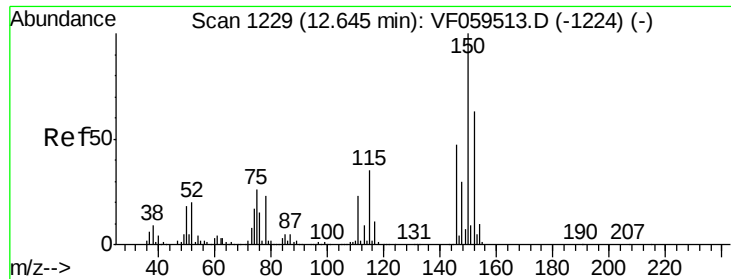
Tot Ion: 95 Resp: 132495
Ion Ratio Lower Upper
95 100
174 87.3 0.0 174.4
176 79.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059586.D
Acq: 20 Jul 2018 5:36

Tgt Ion: 117 Resp: 276919
Ion Ratio Lower Upper
117 100
82 57.6 46.1 69.1
119 31.2 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059586.D

Acq: 20 Jul 2018 5:36

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-09-0-2

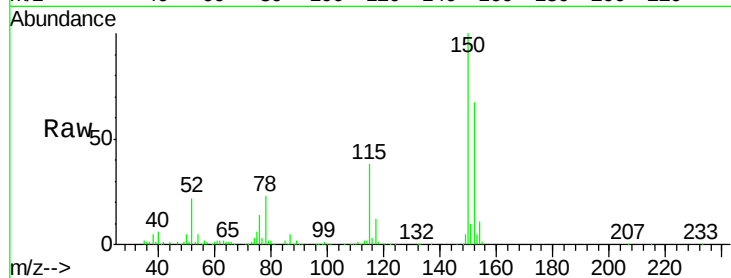
Tot Ion:152 Resp: 151260

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.3

150 149.2 0.0 318.4



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

