

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059846.D
 Acq On : 3 Aug 2018 18:40
 Operator : VA/AP
 Sample : J4278-03RE
 Misc : 6.67g/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-BRE

Quant Time: Aug 04 03:44:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	101852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	148507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	121617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	52648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	62054	33.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.80%	
35) Dibromofluoromethane	4.29	113	54557	35.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.74%	
50) Toluene-d8	7.71	98	115476	32.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.20%	
62) 4-Bromofluorobenzene	11.51	95	47431	23.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.64%	

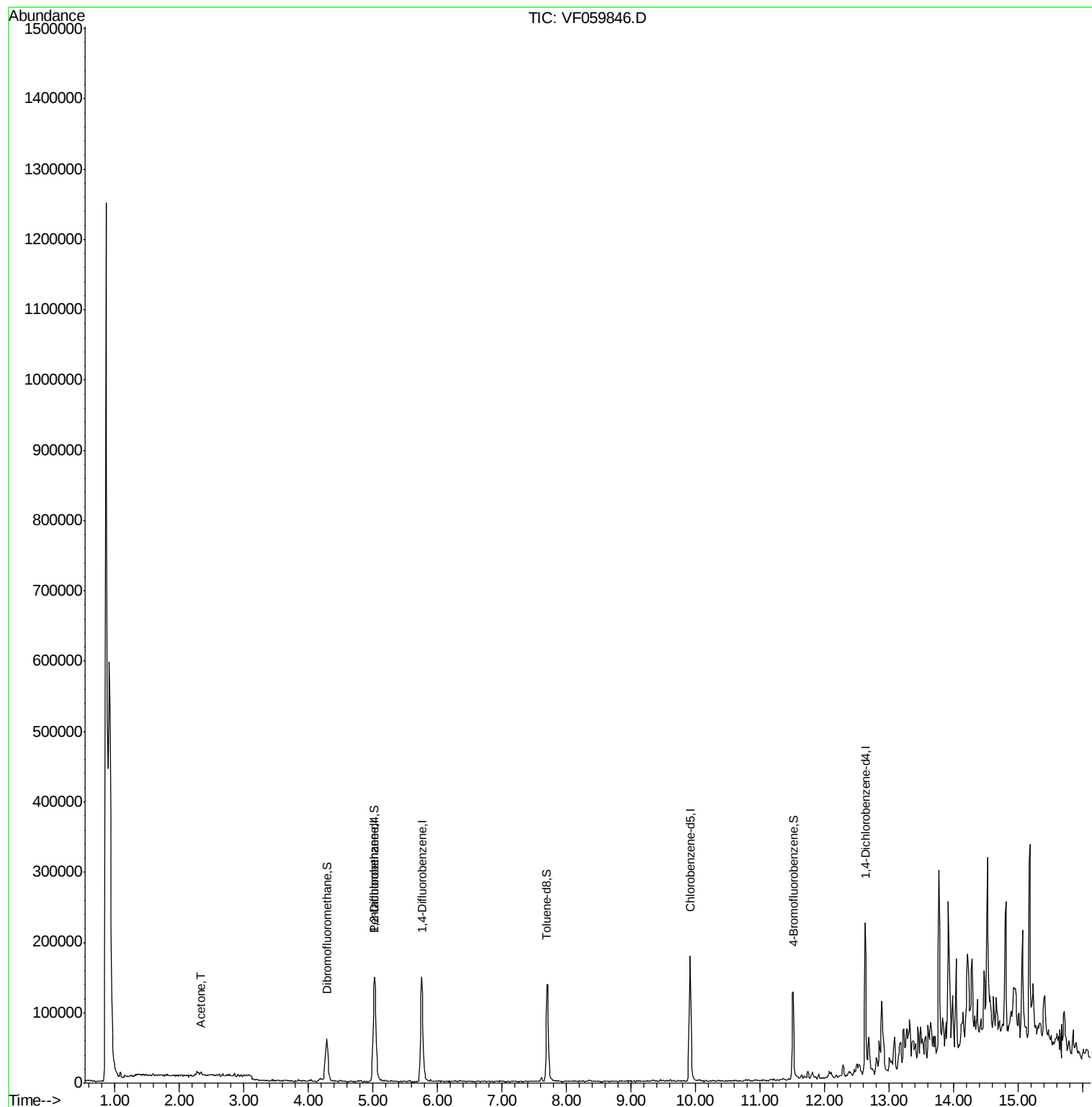
Target Compounds						Qvalue
16) Acetone	2.33	43	7177	21.80	ug/l	# 86

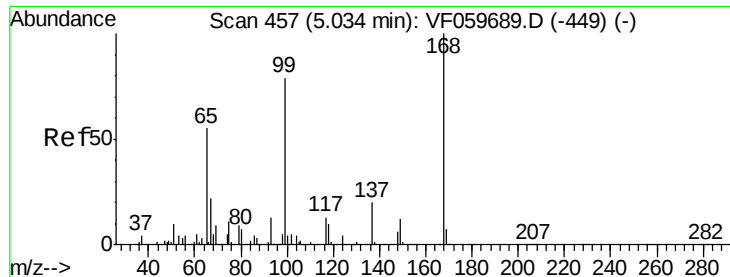
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

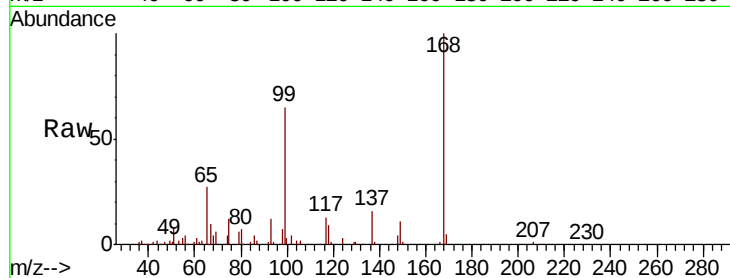
Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-BRE

Tot Ion:168 Resp: 101852

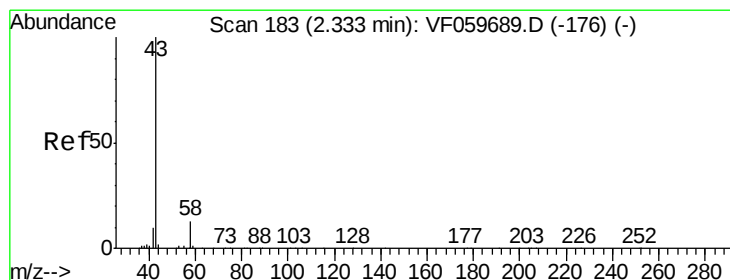
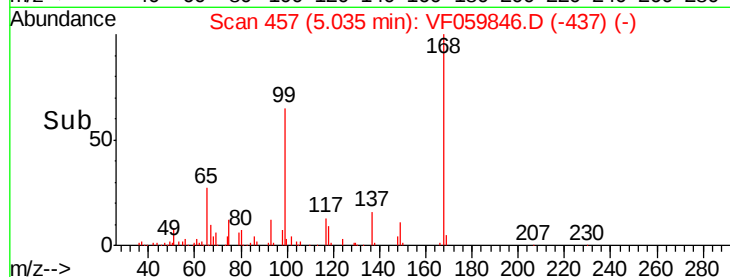
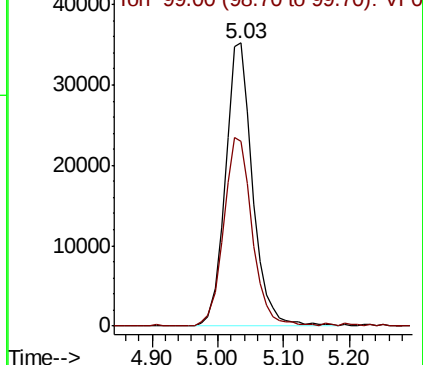
Ion Ratio Lower Upper

168 100

99 65.2 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 21.80 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059846.D

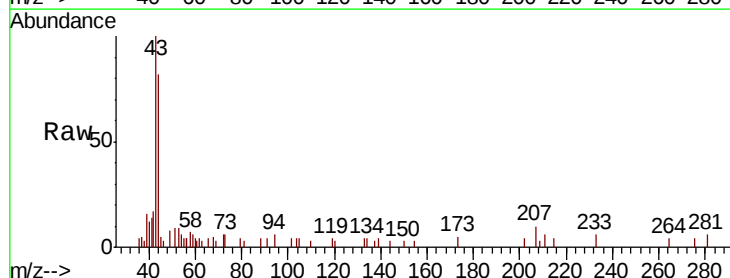
Acq: 3 Aug 2018 18:40

Tgt Ion: 43 Resp: 7177

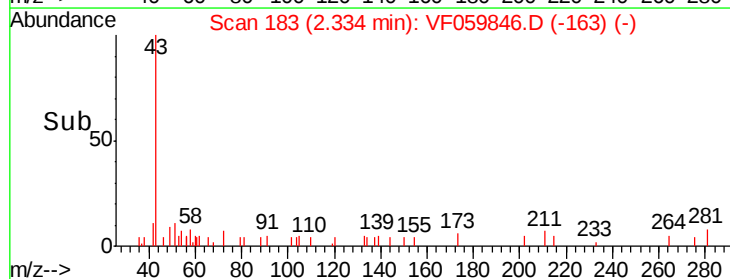
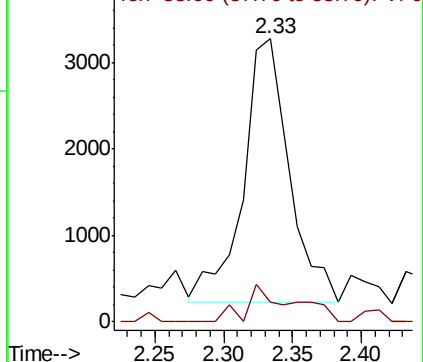
Ion Ratio Lower Upper

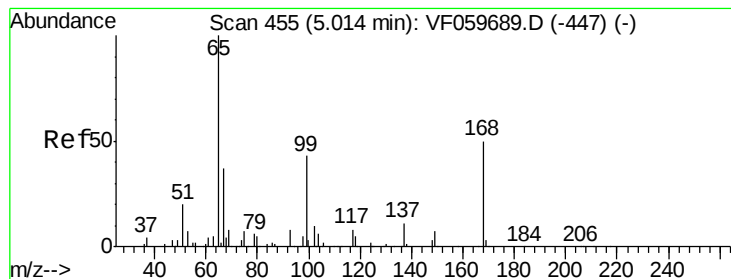
43 100

58 7.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 33.90 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

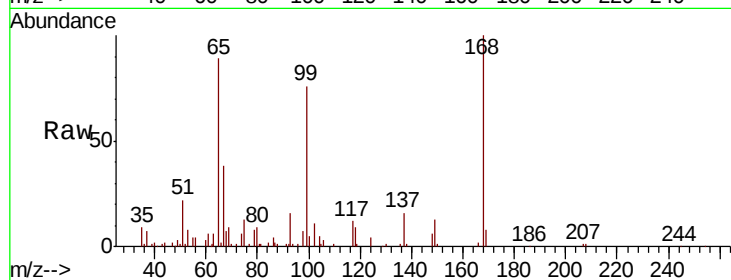
EO-03-080118-BRE

Tot Ion: 65 Resp: 62054

Ion Ratio Lower Upper

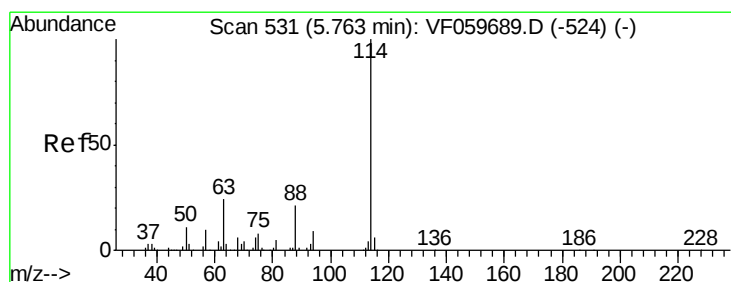
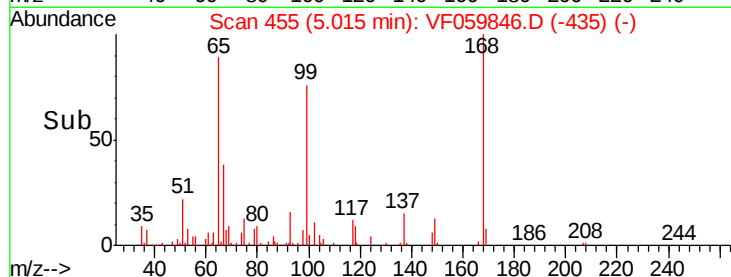
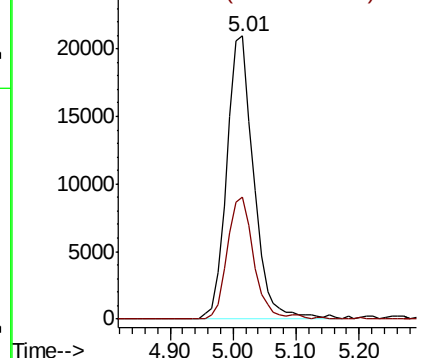
65 100

67 42.9 0.0 84.6



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: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

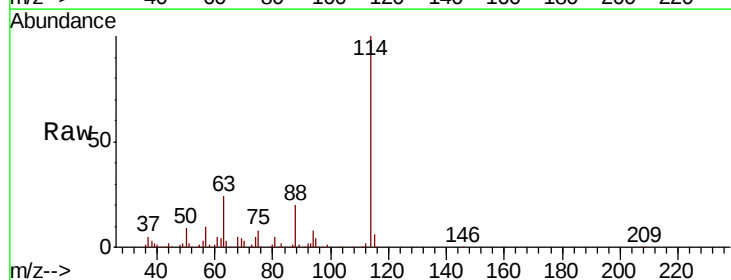
Tgt Ion: 114 Resp: 148507

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.4

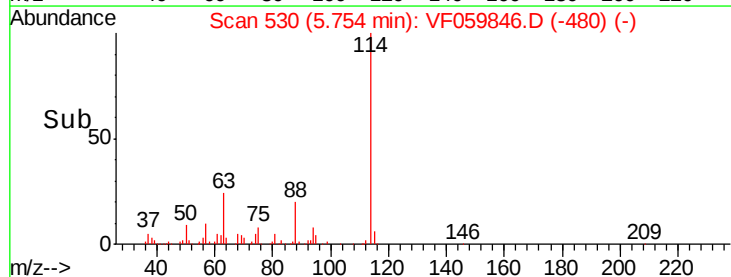
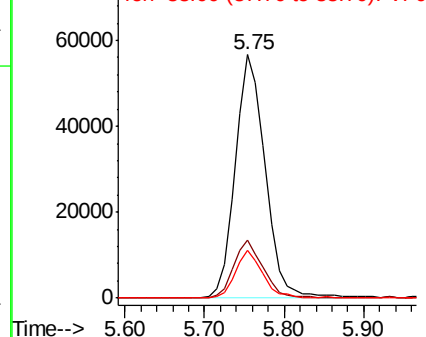
88 19.6 0.0 41.2

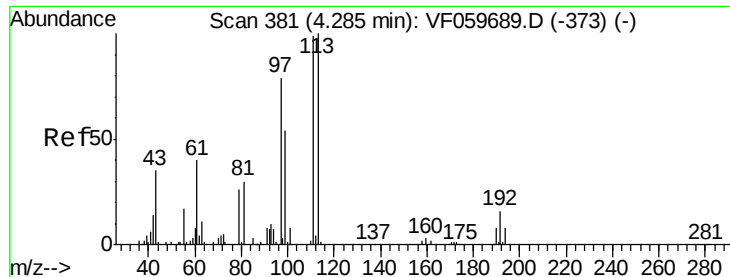


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

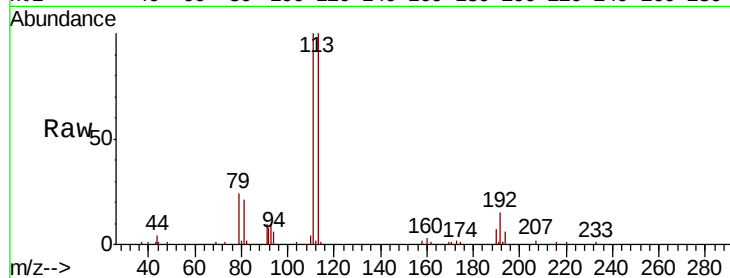




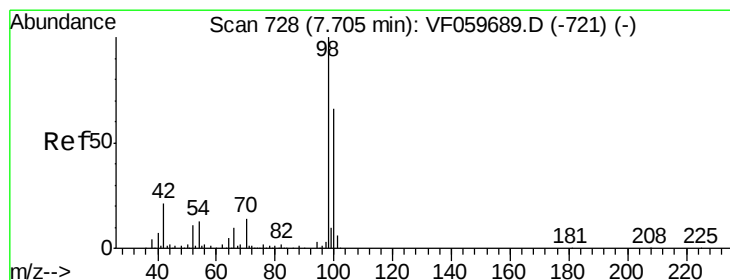
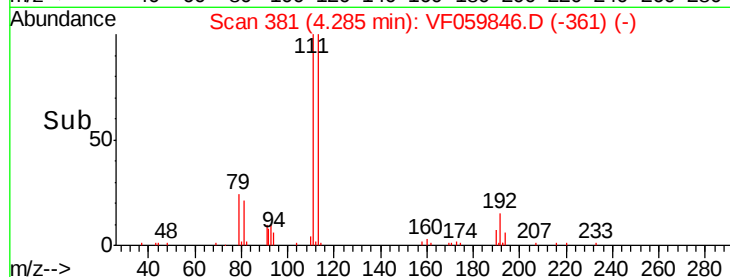
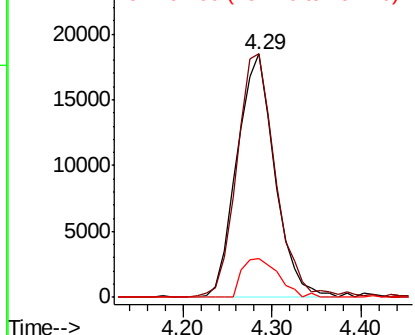
#35
Dibromofluoromethane
Concen: 35.37 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.00 min
Lab File: VF059846.D
Acq: 3 Aug 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-BRE

Tot Ion:113 Resp: 54557
Ion Ratio Lower Upper
113 100
111 100.0 79.0 118.4
192 15.9 13.2 19.8

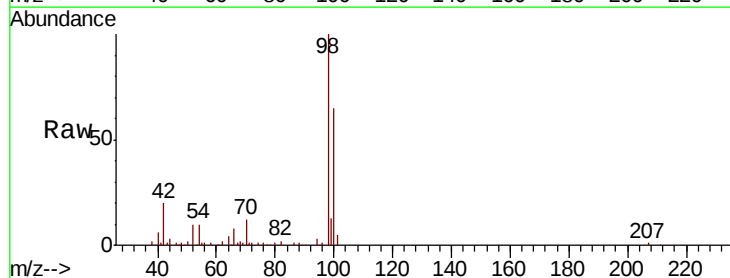


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

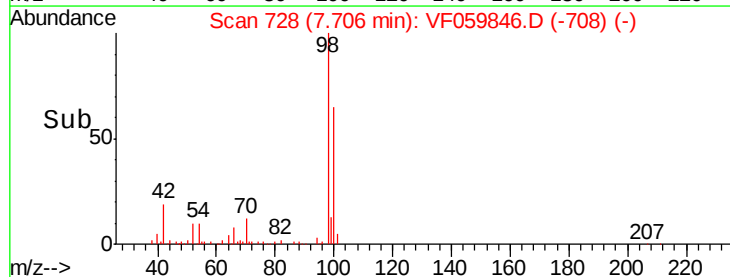
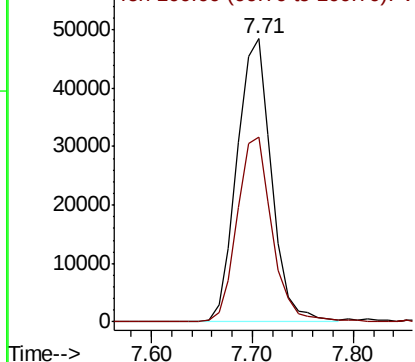


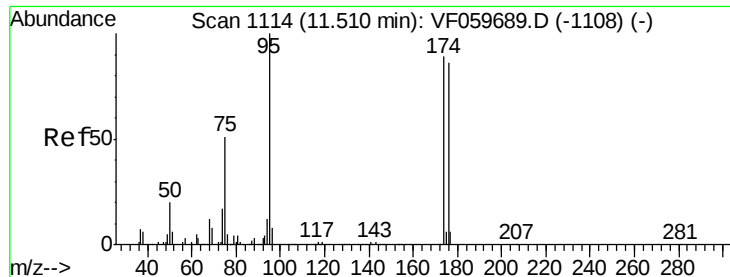
#50
Toluene-d8
Concen: 32.10 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059846.D
Acq: 3 Aug 2018 18:40

Tgt Ion: 98 Resp: 115476
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 23.82 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-BRE

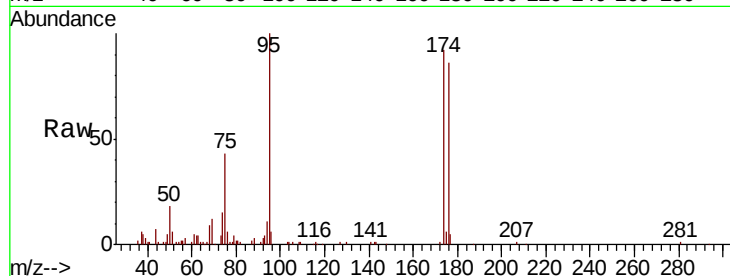
Tot Ion: 95 Resp: 47431

Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.4

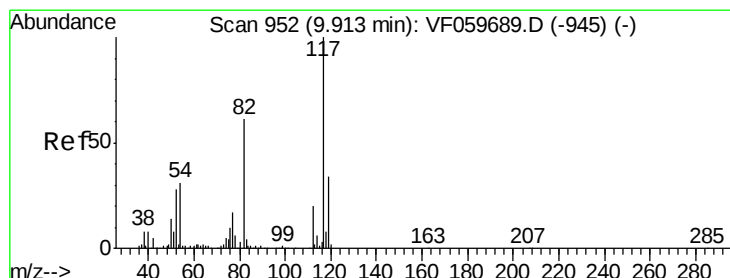
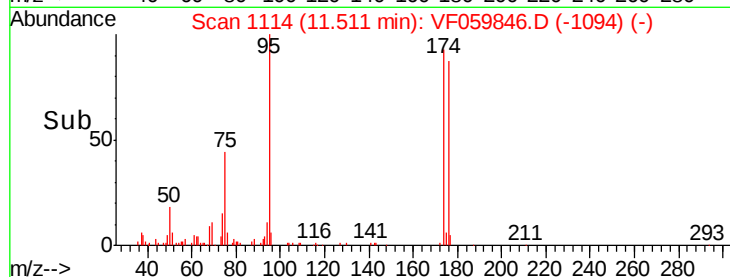
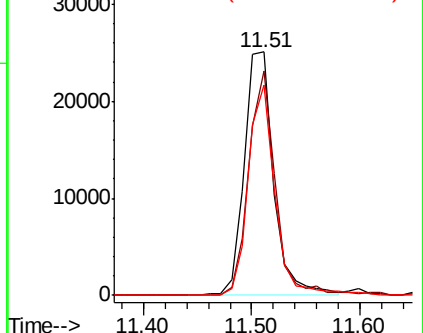
176 86.5 0.0 173.0



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: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

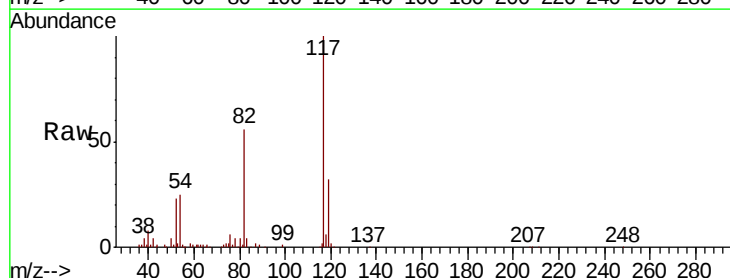
Tgt Ion: 117 Resp: 121617

Ion Ratio Lower Upper

117 100

82 56.0 49.0 73.4

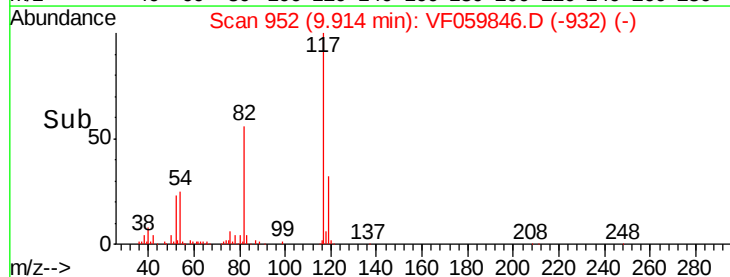
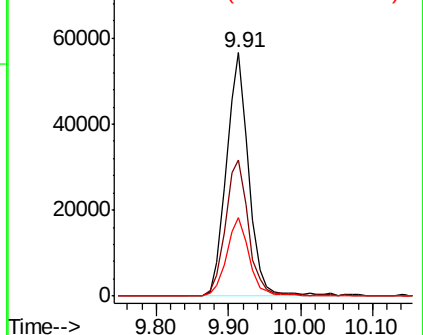
119 32.3 27.3 40.9

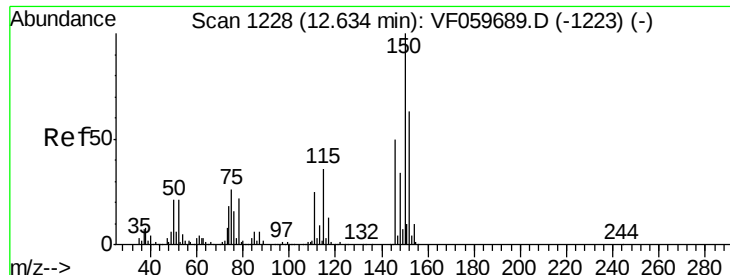


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1227

Delta R.T. -0.01 min

Lab File: VF059846.D

Acq: 3 Aug 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-BRE

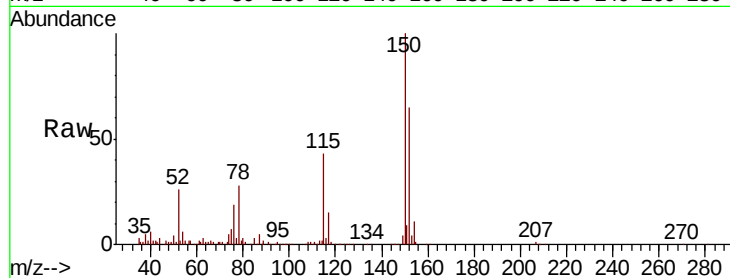
Tot Ion:152 Resp: 52648

Ion Ratio Lower Upper

152 100

115 65.4 28.2 84.6

150 153.4 0.0 316.2



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

