

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059848.D
 Acq On : 3 Aug 2018 19:35
 Operator : VA/AP
 Sample : J4285-01RE
 Misc : 4.90g/5mL/MSVOA F/SOIL
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1RE

Quant Time: Aug 04 03:49:34 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

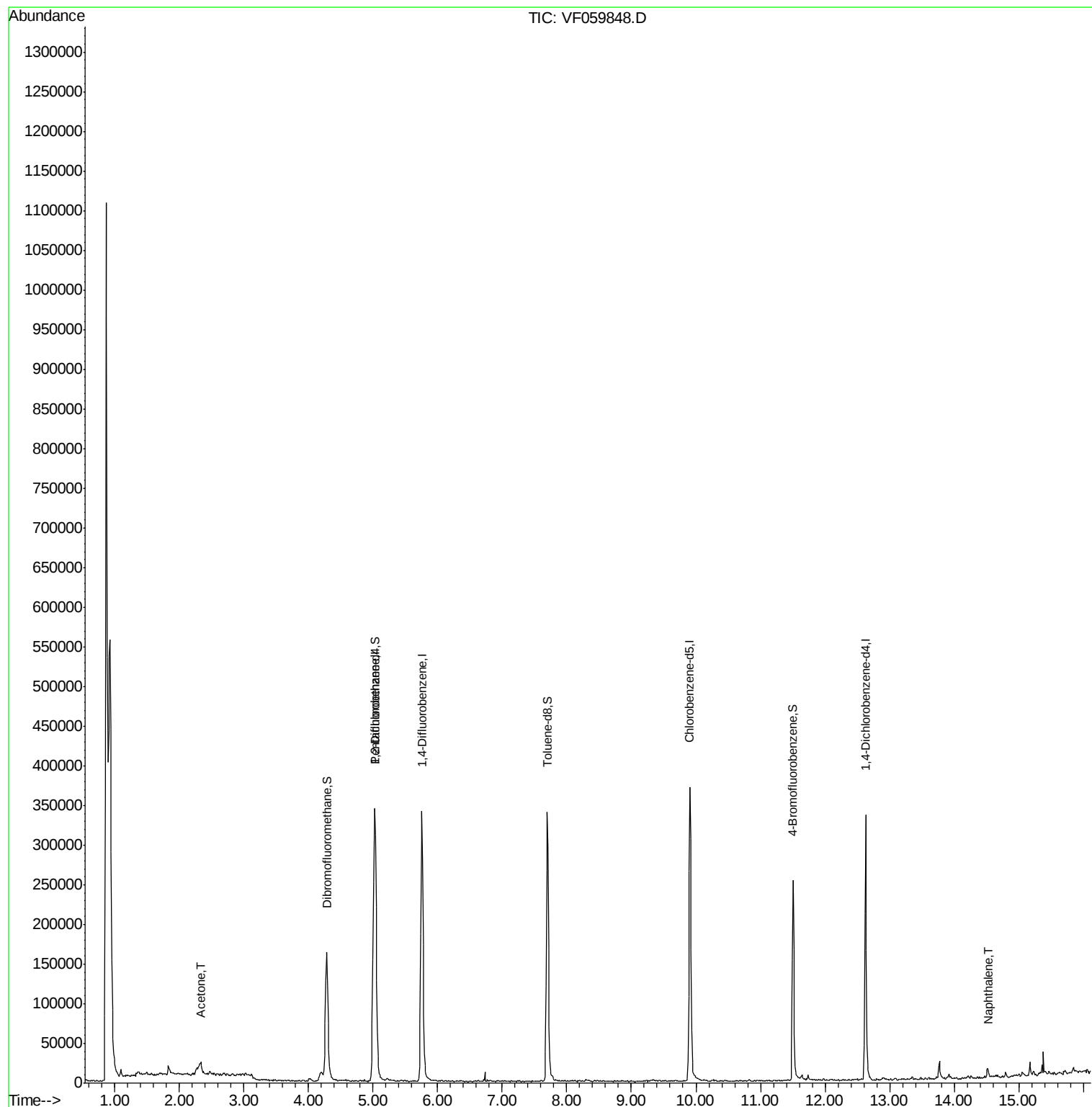
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	244931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	348065	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	251861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	79980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	162466	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.82%	
35) Dibromofluoromethane	4.29	113	150328	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
50) Toluene-d8	7.70	98	280697	33.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.60%	
62) 4-Bromofluorobenzene	11.50	95	85743	18.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.74%	
Target Compounds						
16) Acetone	2.34	43	17643	22.28	ug/l #	93
95) Naphthalene	14.51	128	4429	1.28	ug/l #	87

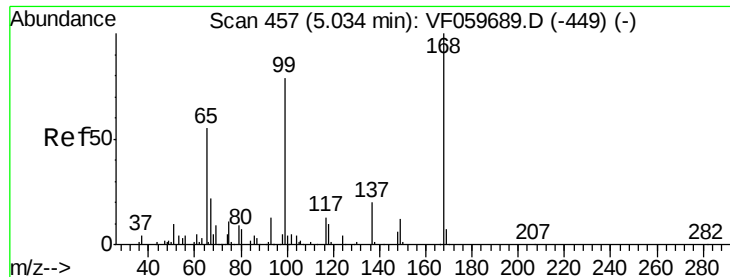
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

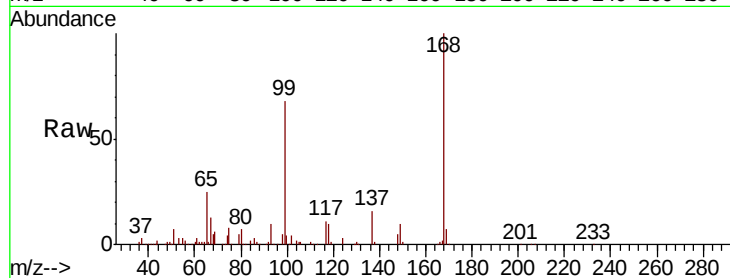
KG-PIT-1RE

Tot Ion:168 Resp: 244931

Ion Ratio Lower Upper

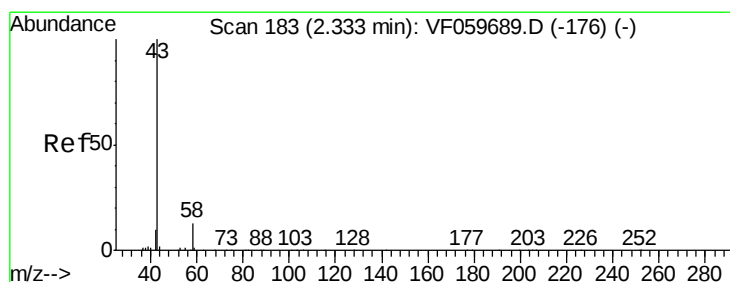
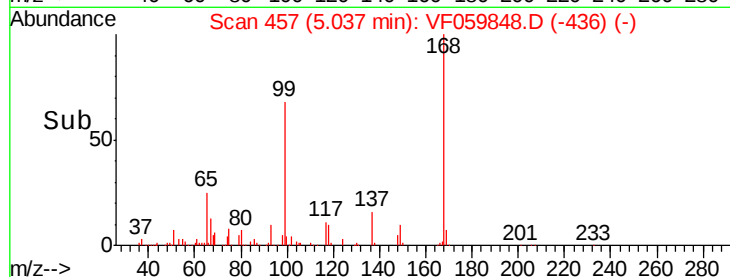
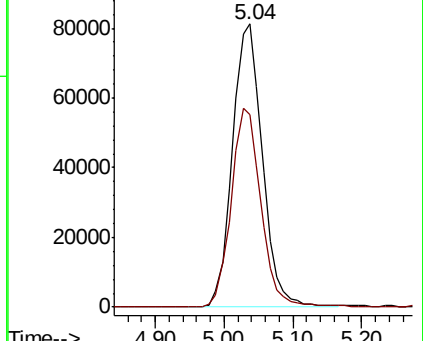
168 100

99 67.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 22.28 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059848.D

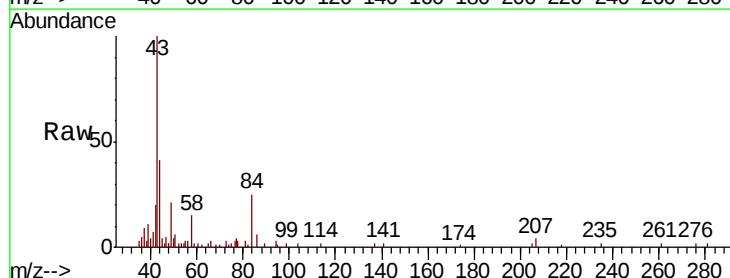
Acq: 3 Aug 2018 19:35

Tgt Ion: 43 Resp: 17643

Ion Ratio Lower Upper

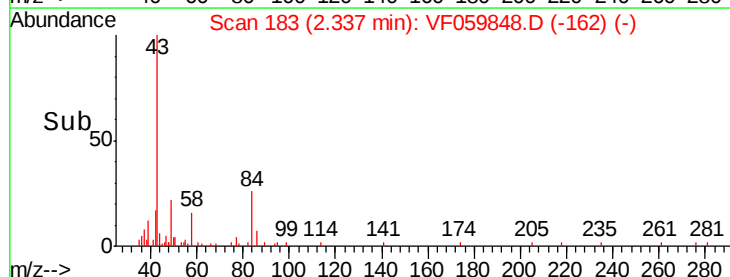
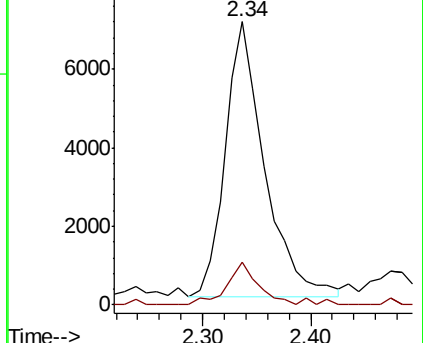
43 100

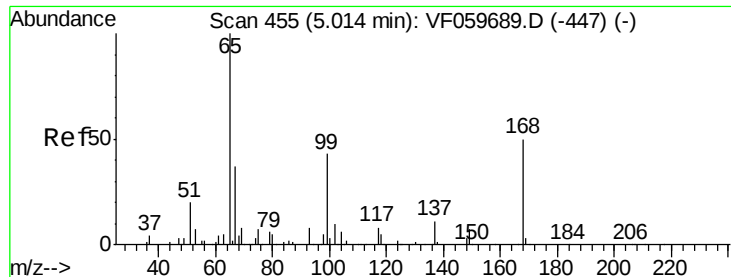
58 15.2 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 36.91 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

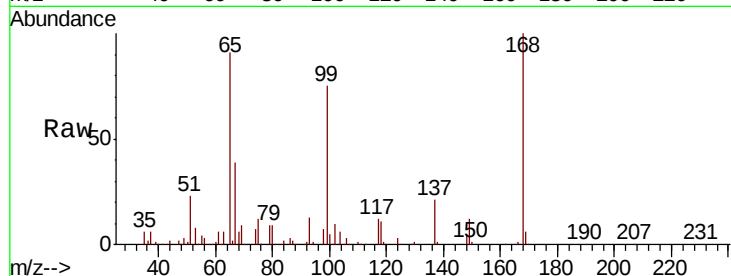
KG-PIT-1RE

Tot Ion: 65 Resp: 162466

Ion Ratio Lower Upper

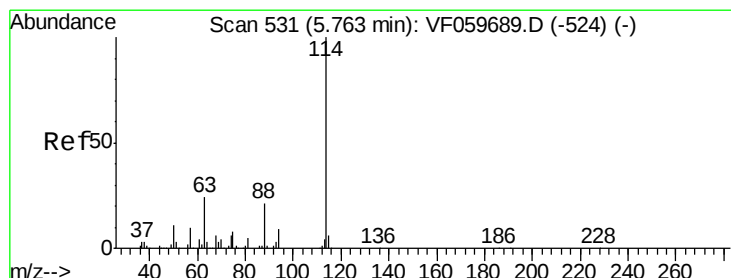
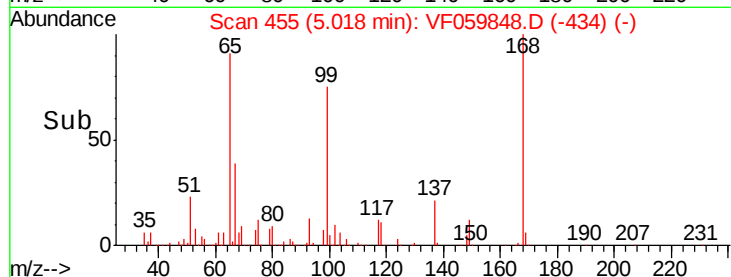
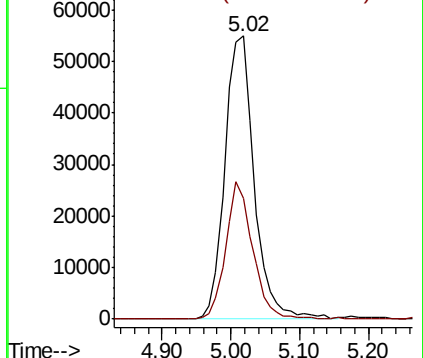
65 100

67 42.7 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: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

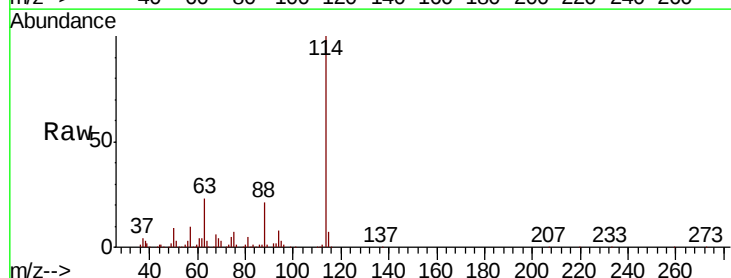
Tgt Ion: 114 Resp: 348065

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

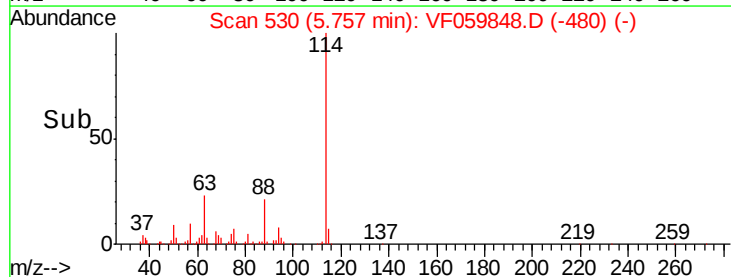
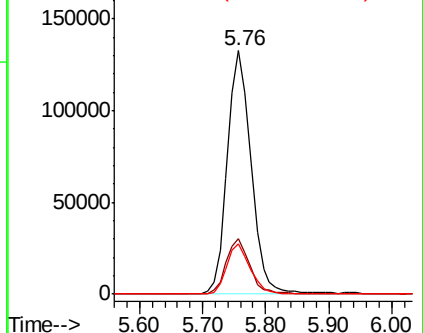
88 20.7 0.0 41.2

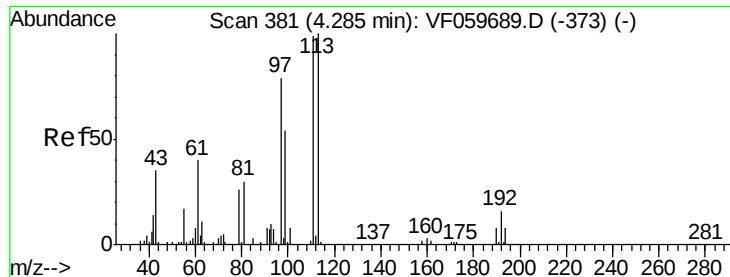


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 41.58 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

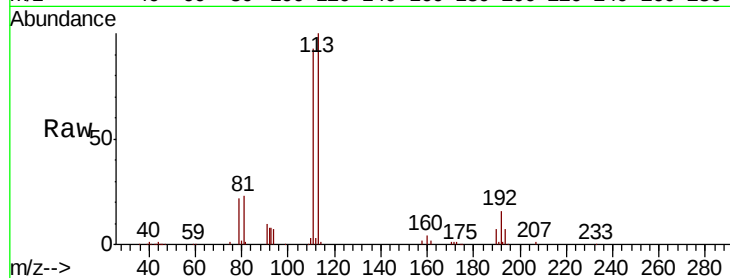
Tot Ion:113 Resp: 150328

Ion Ratio Lower Upper

113 100

111 93.3 79.0 118.4

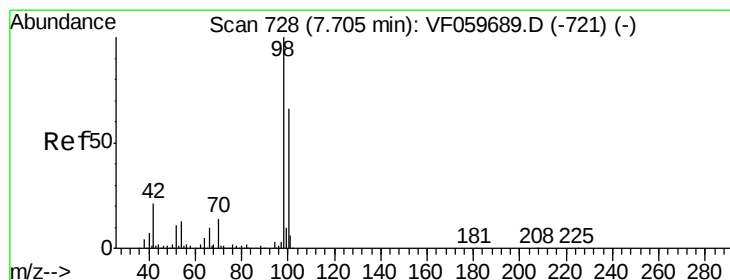
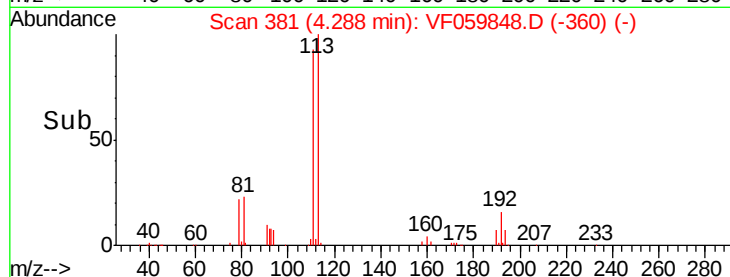
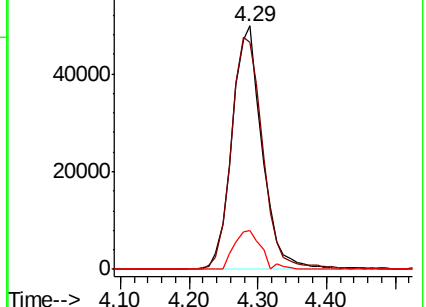
192 16.0 13.2 19.8



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: 33.30 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059848.D

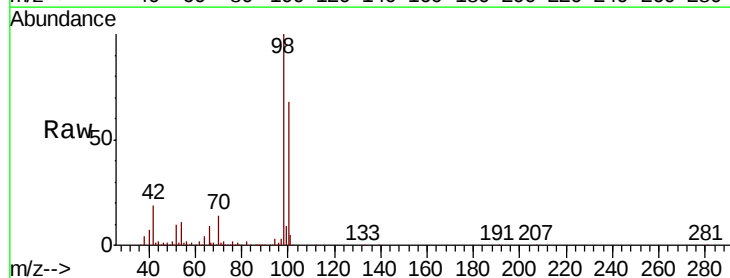
Acq: 3 Aug 2018 19:35

Tgt Ion: 98 Resp: 280697

Ion Ratio Lower Upper

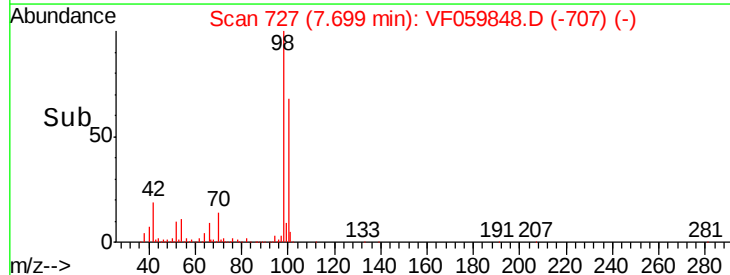
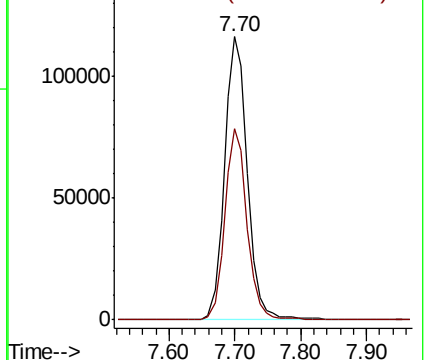
98 100

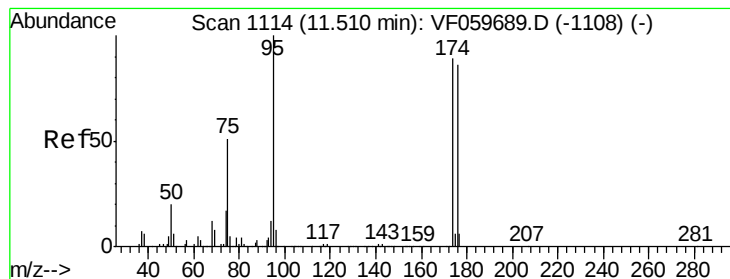
100 67.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 18.37 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

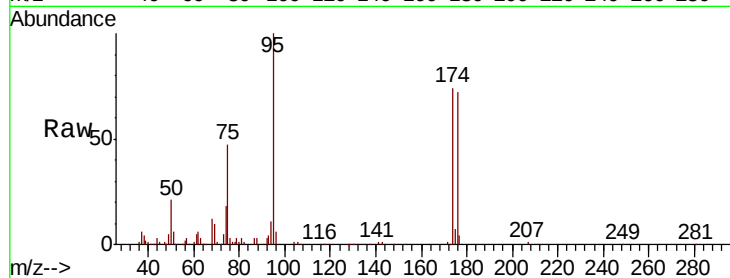
Tot Ion: 95 Resp: 85743

Ion Ratio Lower Upper

95 100

174 73.9 0.0 178.4

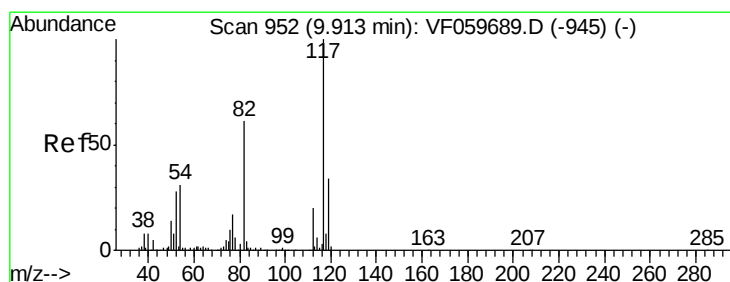
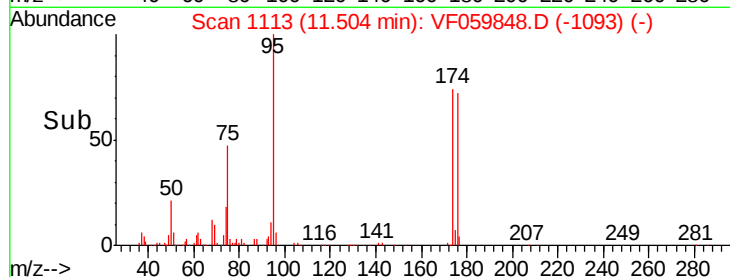
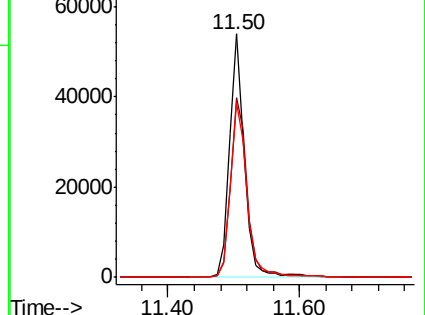
176 71.8 0.0 173.0



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# 951

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

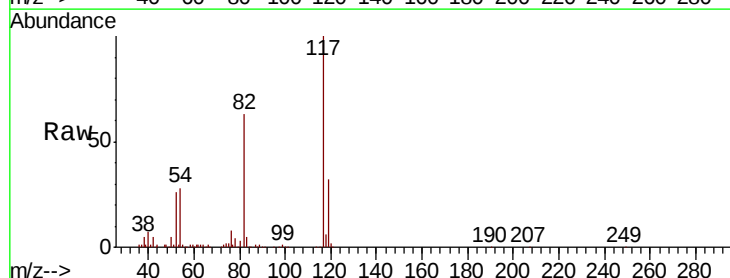
Tgt Ion: 117 Resp: 251861

Ion Ratio Lower Upper

117 100

82 62.7 49.0 73.4

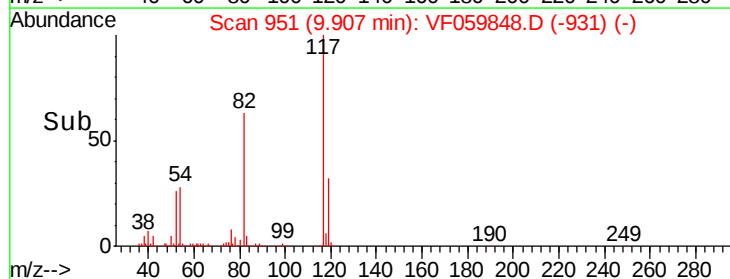
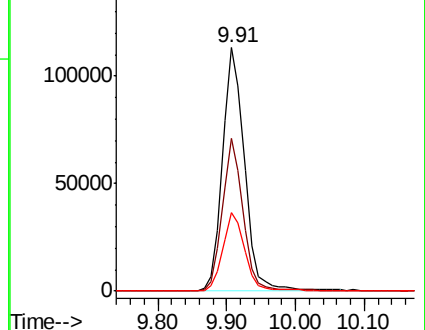
119 32.4 27.3 40.9

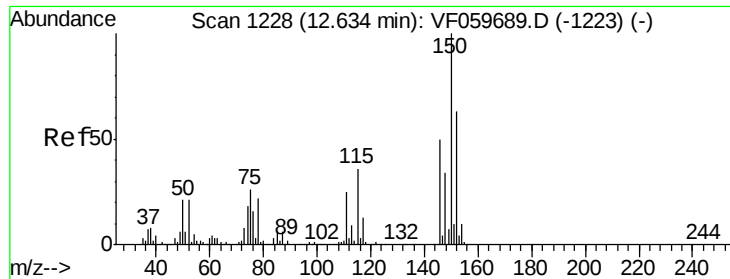


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



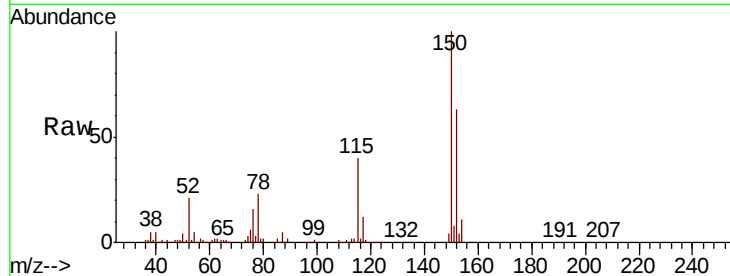


#72

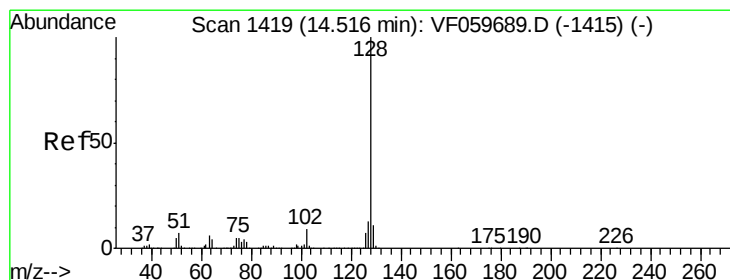
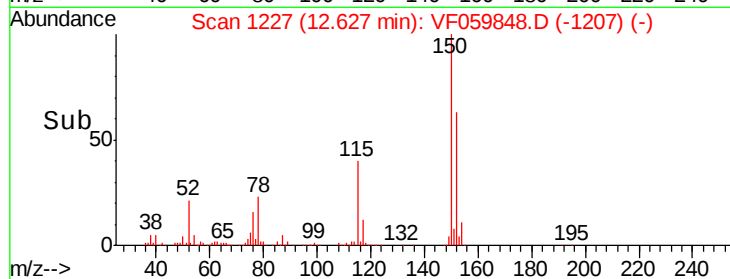
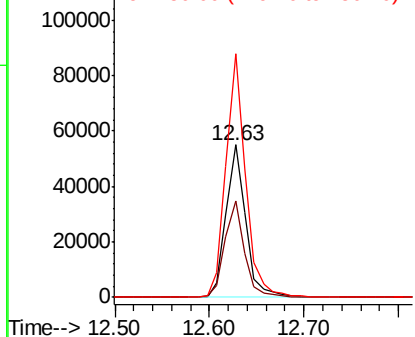
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

Tot Ion:152 Resp: 79980
Ion Ratio Lower Upper
152 100
115 63.5 28.2 84.6
150 159.6 0.0 316.2



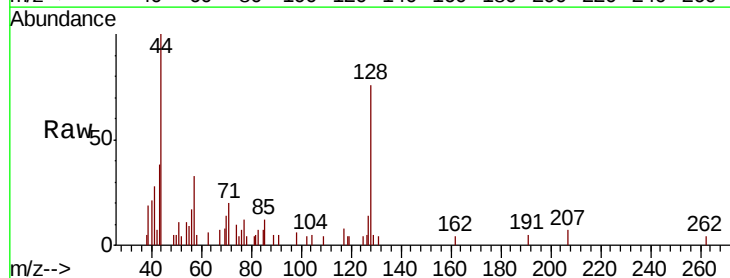
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 1.28 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion:128 Resp: 4429
Ion Ratio Lower Upper
128 100
127 17.9 10.0 15.0#
129 6.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

