

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059833.D
 Acq On : 3 Aug 2018 11:57
 Operator : VA/AP
 Sample : J4267-14RE
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-BRE

Quant Time: Aug 03 13:47:56 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

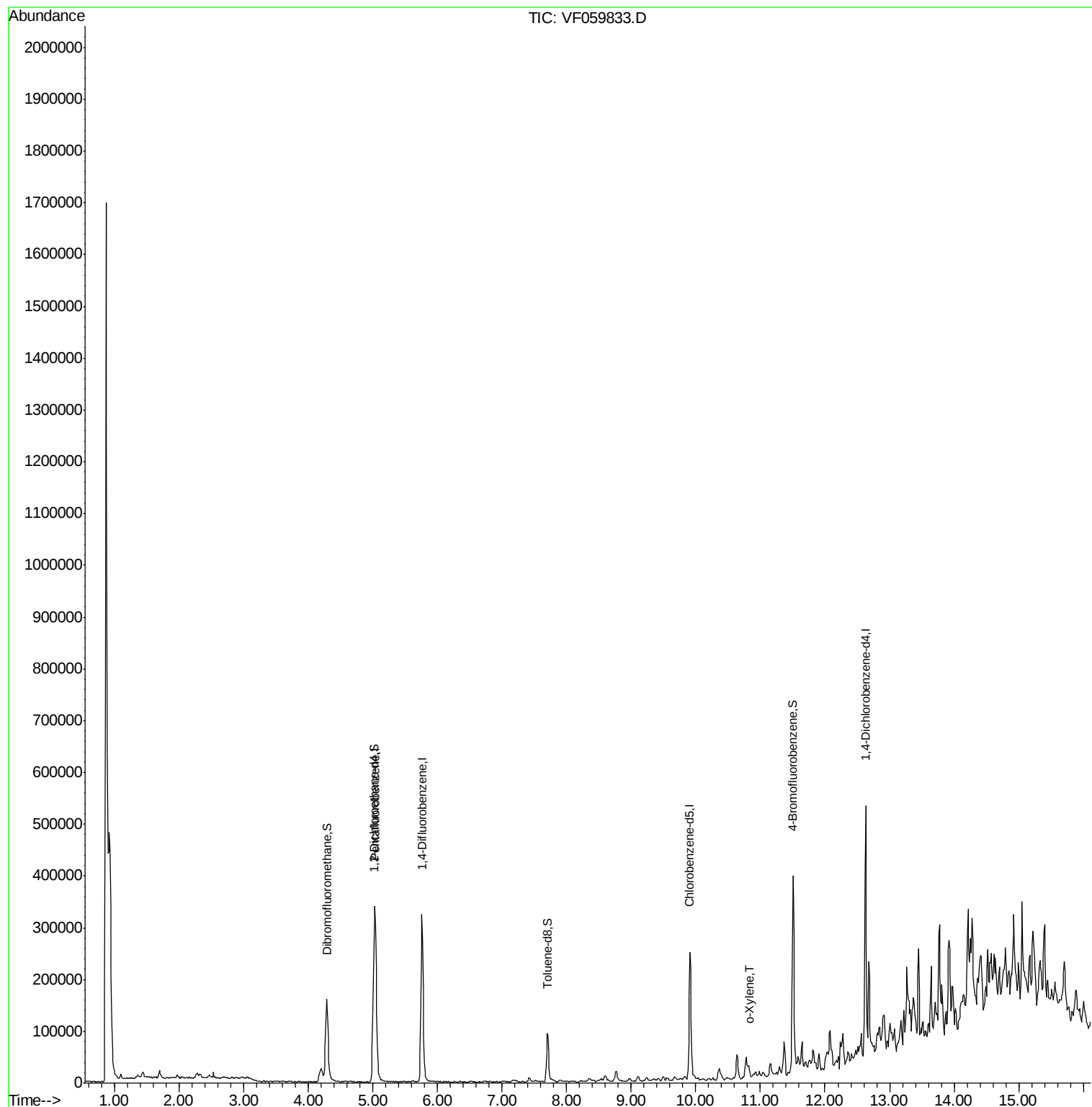
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	224083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	313211	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	154493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	121141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	170202	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
35) Dibromofluoromethane	4.29	113	143889	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
50) Toluene-d8	7.70	98	71790	9.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.92%	
62) 4-Bromofluorobenzene	11.51	95	124583	29.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.32%	
Target Compounds						
69) o-Xylene	10.84	106	2690	1.37	ug/l	Qvalue 89

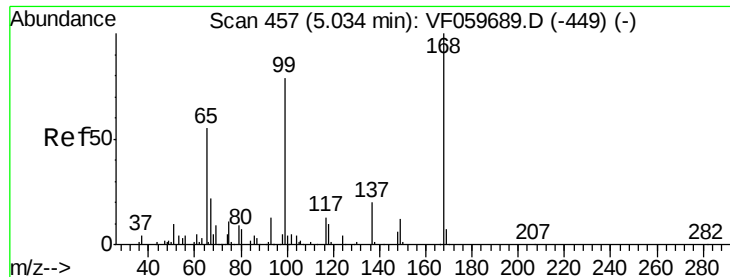
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059833.D

Acq: 3 Aug 2018 11:57

Instrument :

MSVOA_F

ClientSampleId :

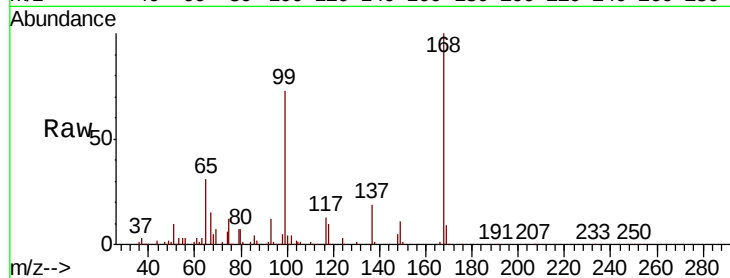
UST-BRE

Tot Ion:168 Resp: 224083

Ion Ratio Lower Upper

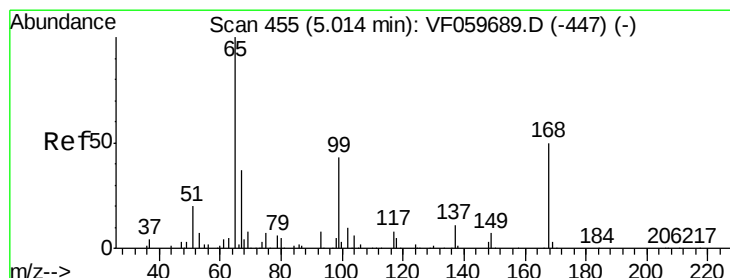
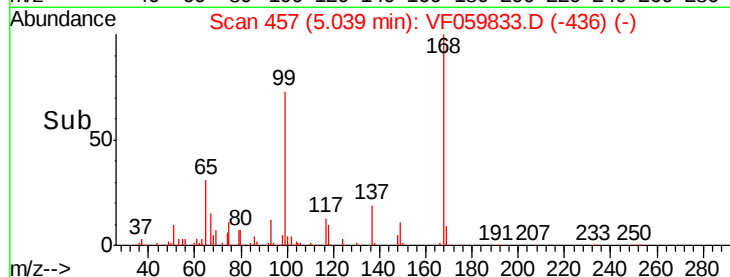
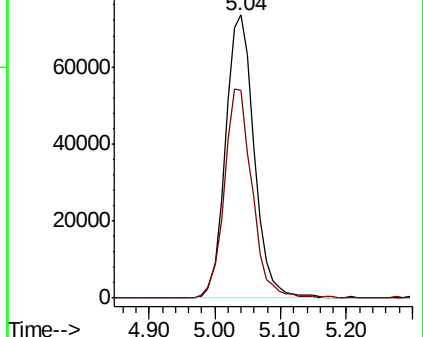
168 100

99 73.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.26 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059833.D

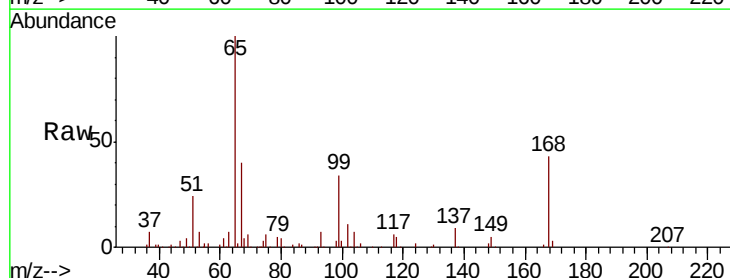
Acq: 3 Aug 2018 11:57

Tgt Ion: 65 Resp: 170202

Ion Ratio Lower Upper

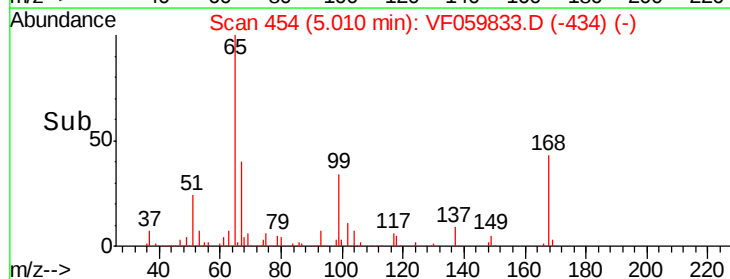
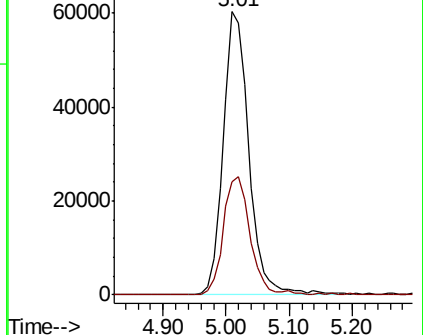
65 100

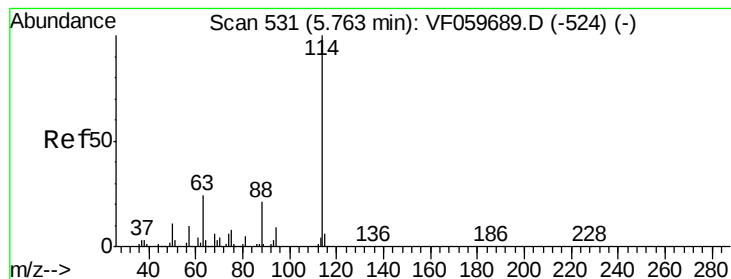
67 39.8 0.0 84.6



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. -0.00 min

Lab File: VF059833.D

Acq: 3 Aug 2018 11:57

Instrument :

MSVOA_F

ClientSampleId :

UST-BRE

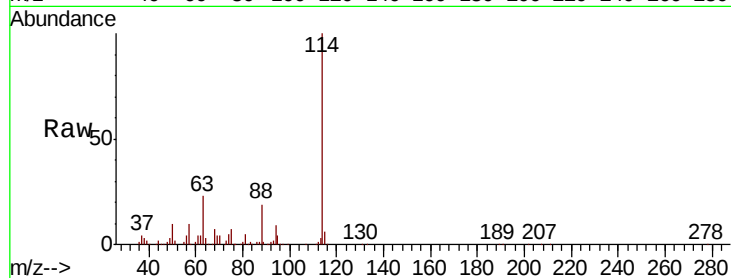
Tot Ion:114 Resp: 313211

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

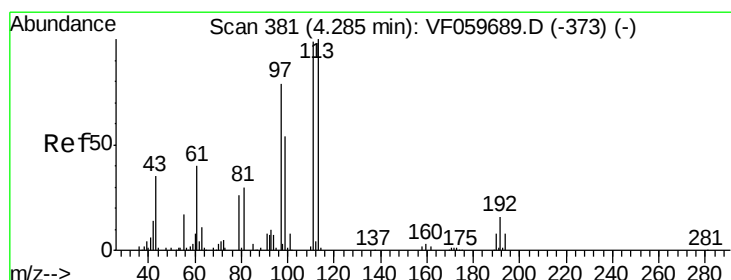
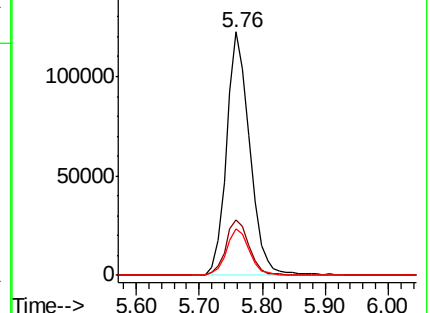
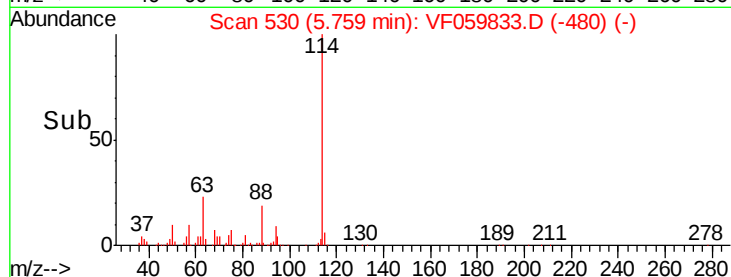
88 19.2 0.0 41.2



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: 44.23 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059833.D

Acq: 3 Aug 2018 11:57

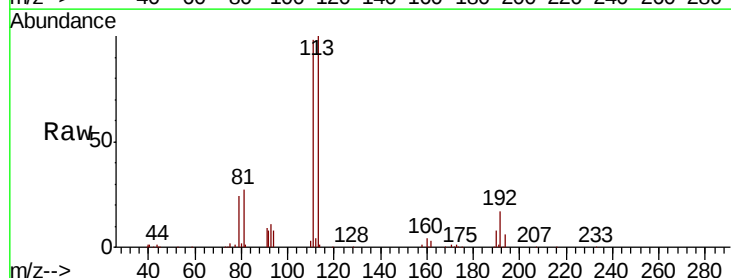
Tgt Ion:113 Resp: 143889

Ion Ratio Lower Upper

113 100

111 98.2 79.0 118.4

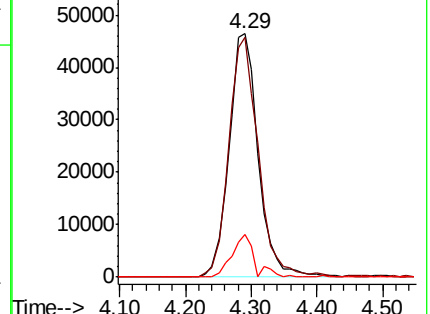
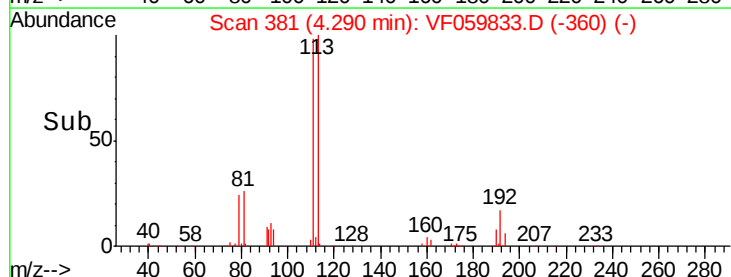
192 17.4 13.2 19.8

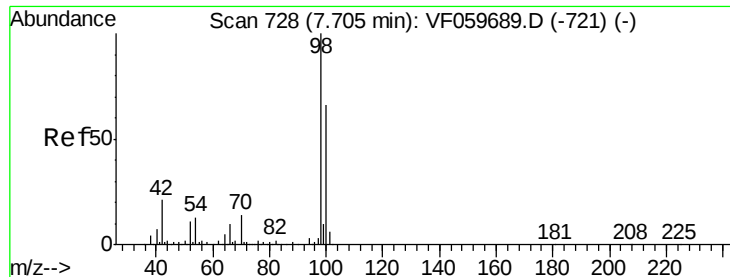


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 9.46 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059833.D

Acq: 3 Aug 2018 11:57

Instrument :

MSVOA_F

ClientSampleId :

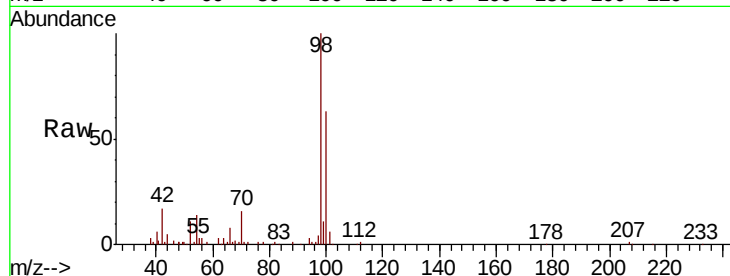
UST-BRE

Tot Ion: 98 Resp: 71790

Ion Ratio Lower Upper

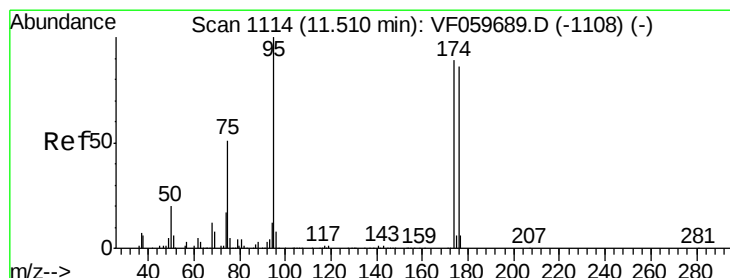
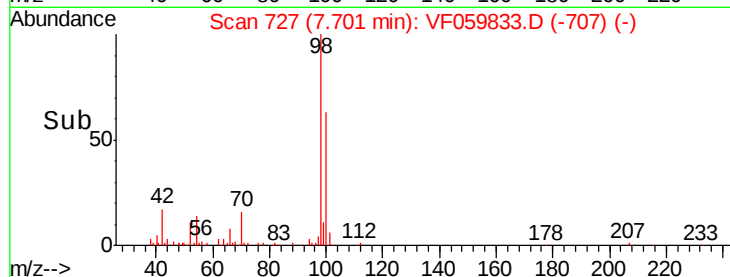
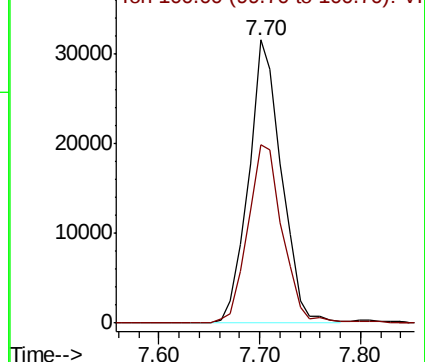
98 100

100 63.1 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: 29.66 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059833.D

Acq: 3 Aug 2018 11:57

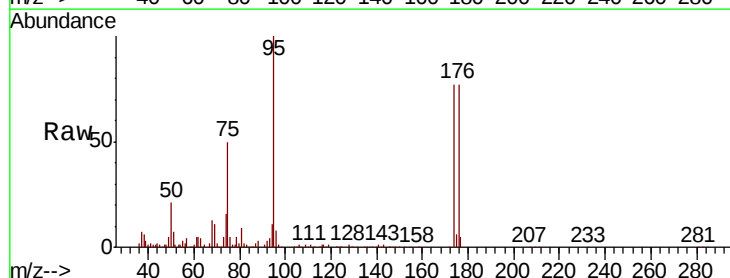
Tgt Ion: 95 Resp: 124583

Ion Ratio Lower Upper

95 100

174 77.4 0.0 178.4

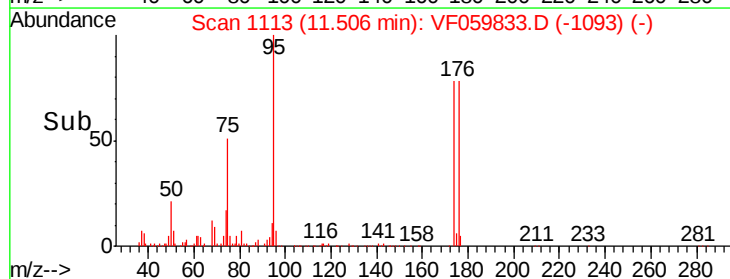
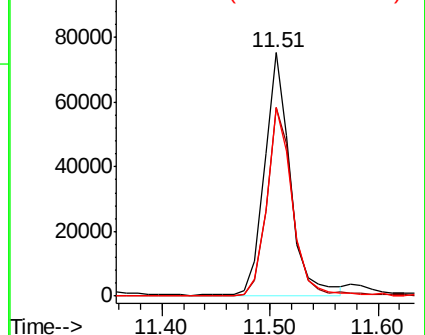
176 77.4 0.0 173.0

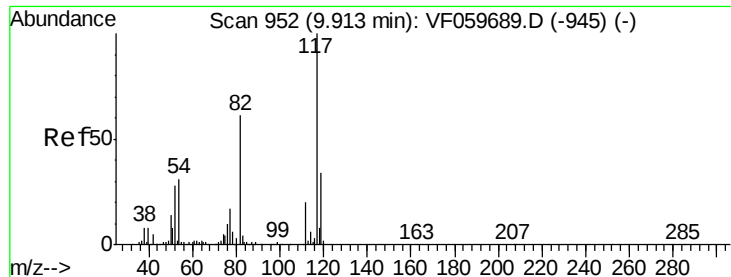


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

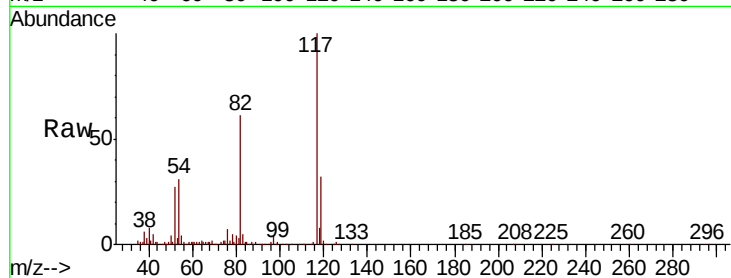




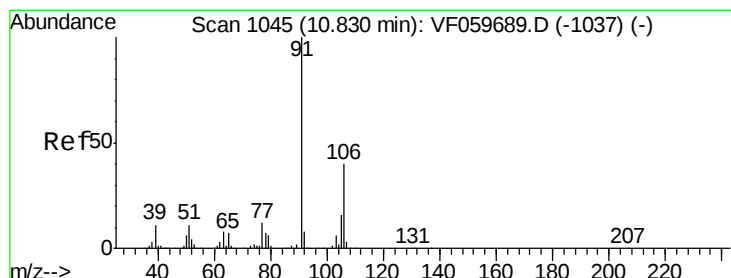
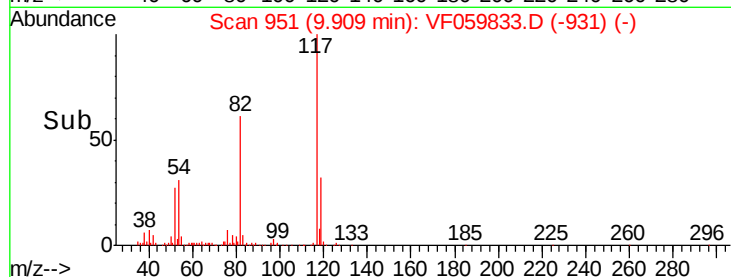
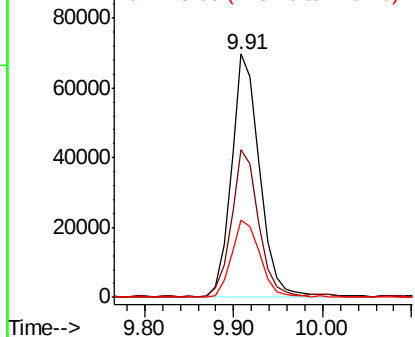
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059833.D
Acq: 3 Aug 2018 11:57

Instrument :
MSVOA_F
ClientSampleId :
UST-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.0	73.4
119	31.6	27.3	40.9

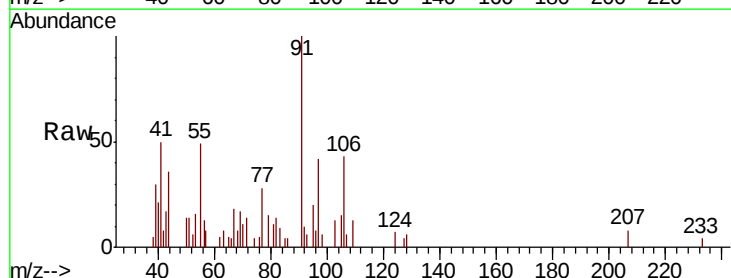


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

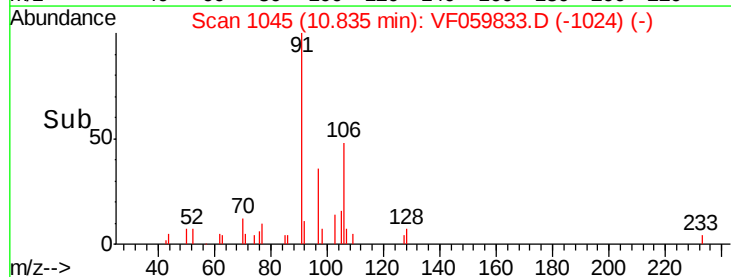
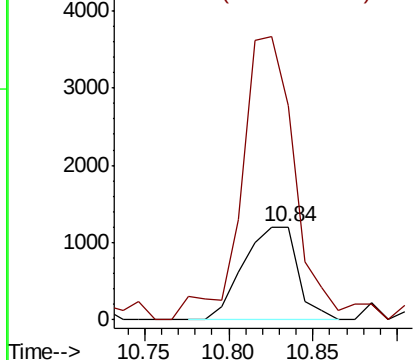


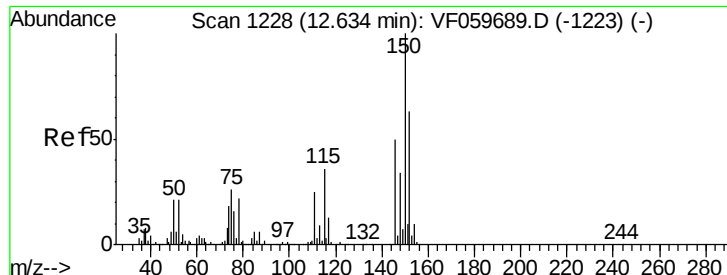
#69
o-Xylene
Concen: 1.37 ug/l
RT: 10.84 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VF059833.D
Acq: 3 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	229.9	124.6	373.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): 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: VF059833.D
Acq: 3 Aug 2018 11:57

Instrument :
MSVOA_F
ClientSampleId :
UST-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.2	84.6
150	157.4	0.0	316.2

