

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059843.D
 Acq On : 3 Aug 2018 17:17
 Operator : VA/AP
 Sample : J4234-01RE
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 04 03:25:36 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

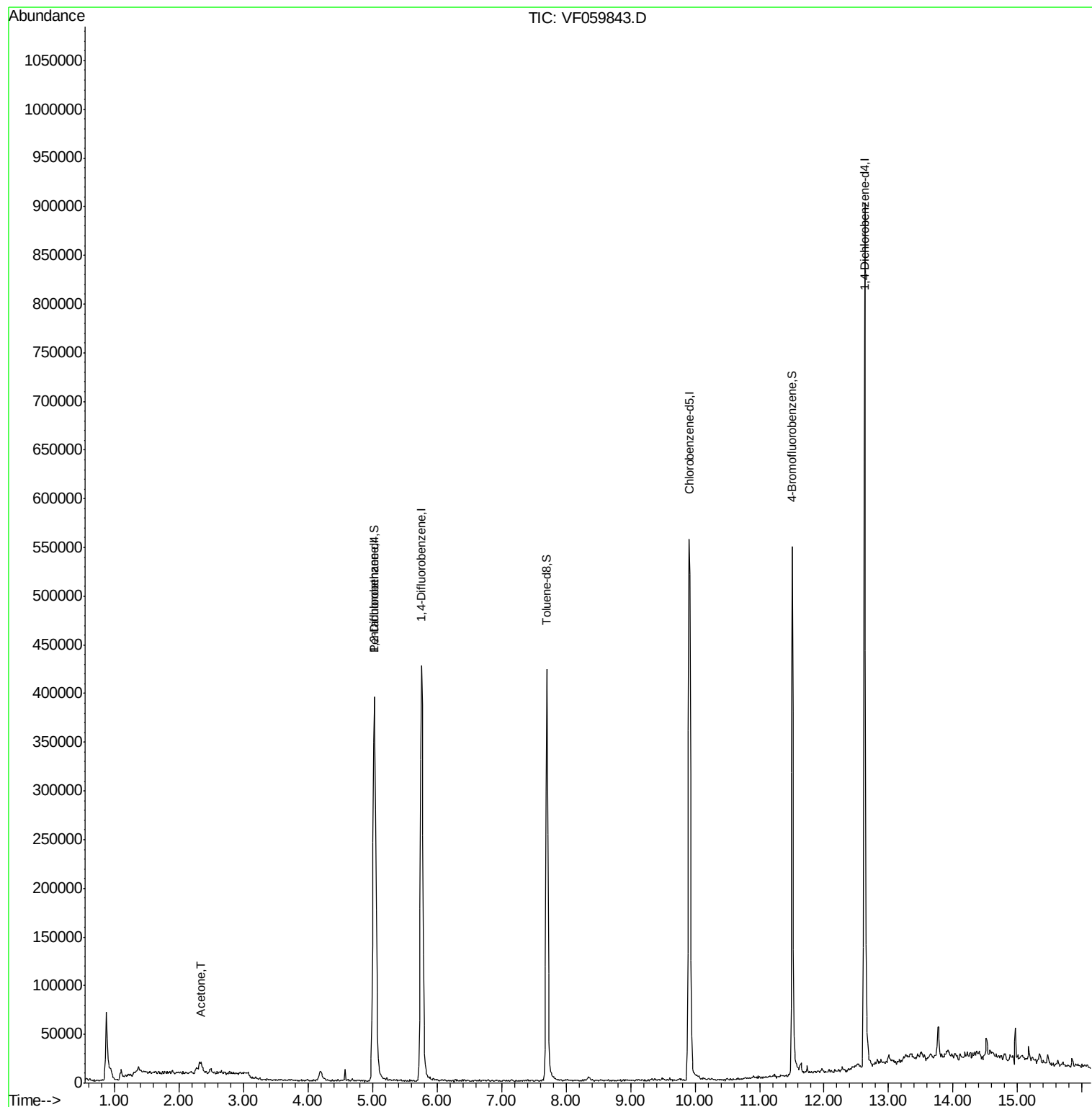
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	274186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	433098	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	388235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	222190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	178361	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	7.70	98	344804	32.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.74%	
62) 4-Bromofluorobenzene	11.51	95	182416	31.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.82%	
Target Compounds						
16) Acetone	2.34	43	13669	15.42	ug/l	Qvalue 98

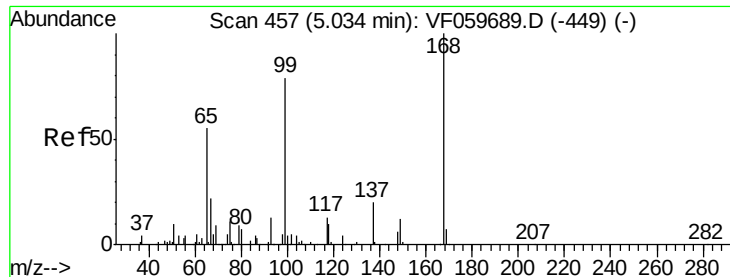
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080318\
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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: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

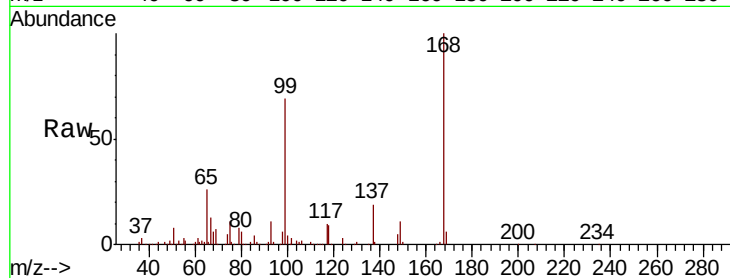
OILY-STONE-CONCRETE

Tot Ion:168 Resp: 274186

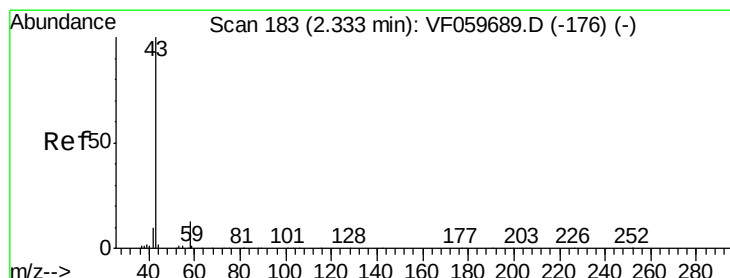
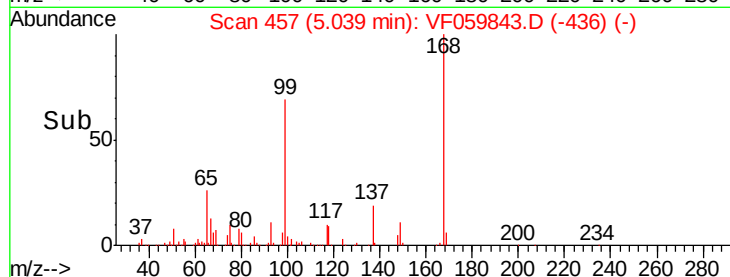
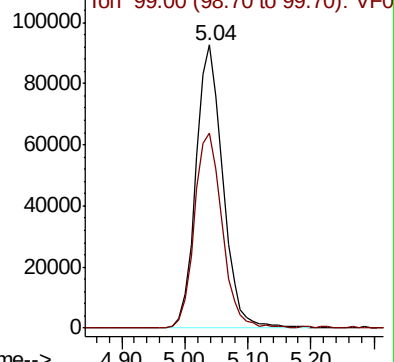
Ion Ratio Lower Upper

168 100

99 69.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 15.42 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059843.D

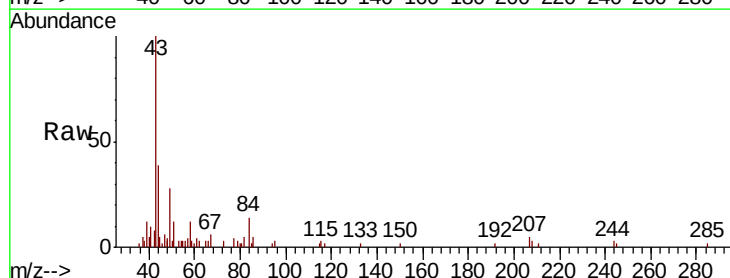
Acq: 3 Aug 2018 17:17

Tgt Ion: 43 Resp: 13669

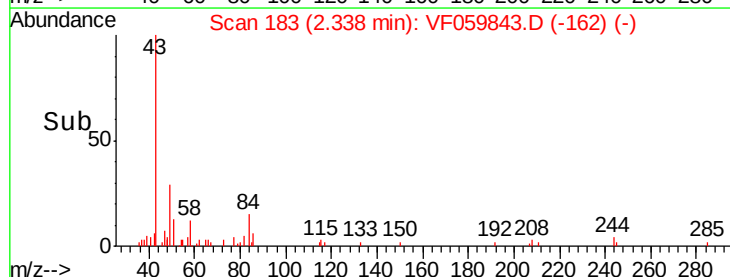
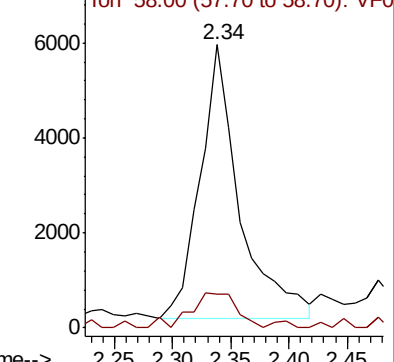
Ion Ratio Lower Upper

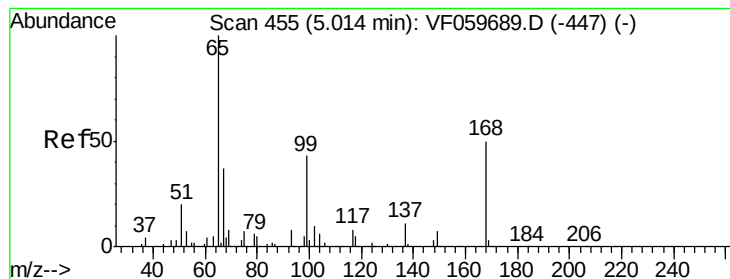
43 100

58 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 36.20 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

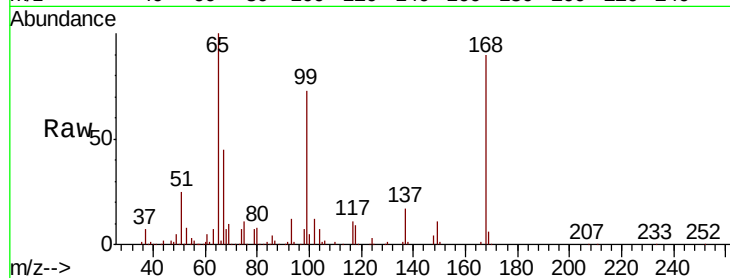
OILY-STONE-CONCRETE

Tot Ion: 65 Resp: 178361

Ion Ratio Lower Upper

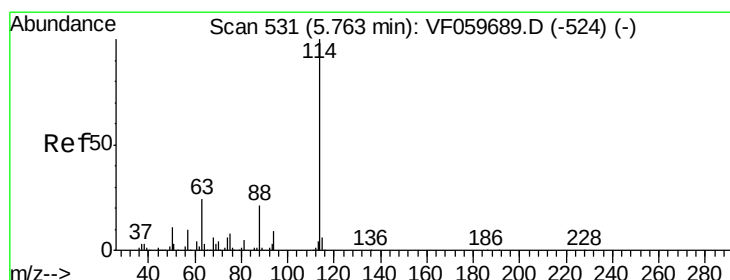
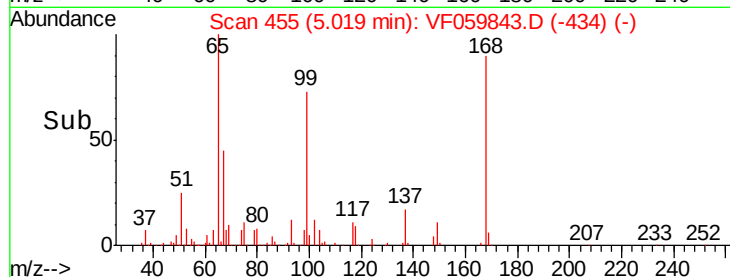
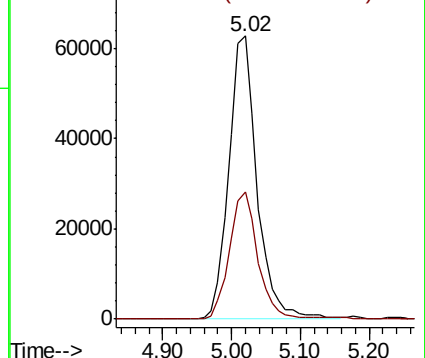
65 100

67 44.9 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: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

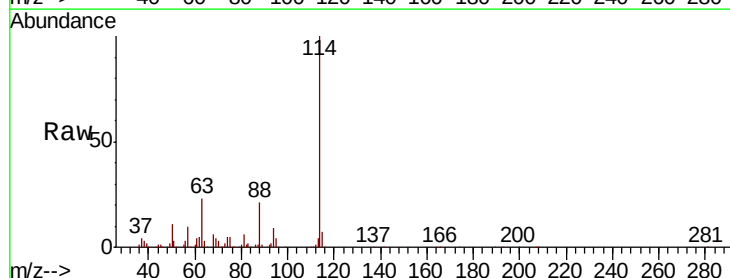
Tgt Ion: 114 Resp: 433098

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

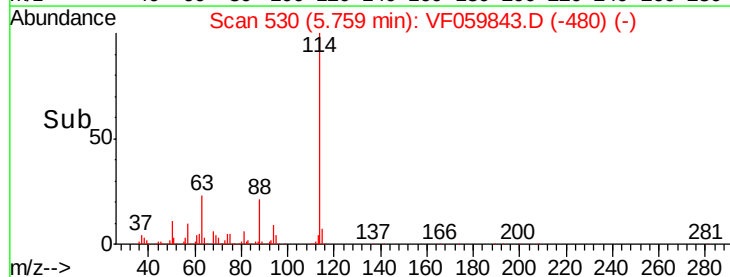
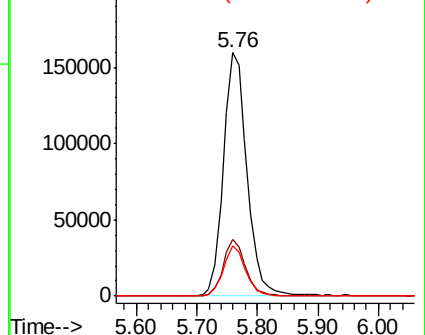
88 20.7 0.0 41.2

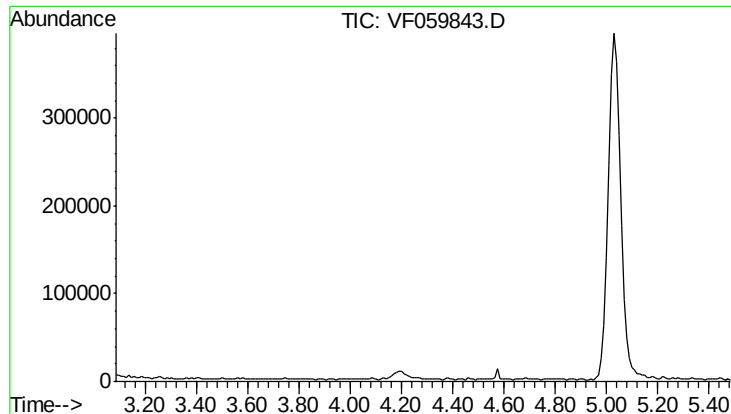


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

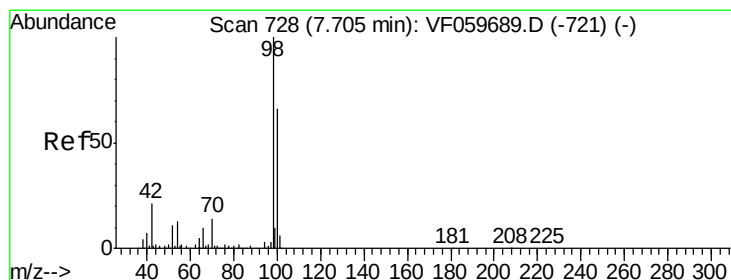
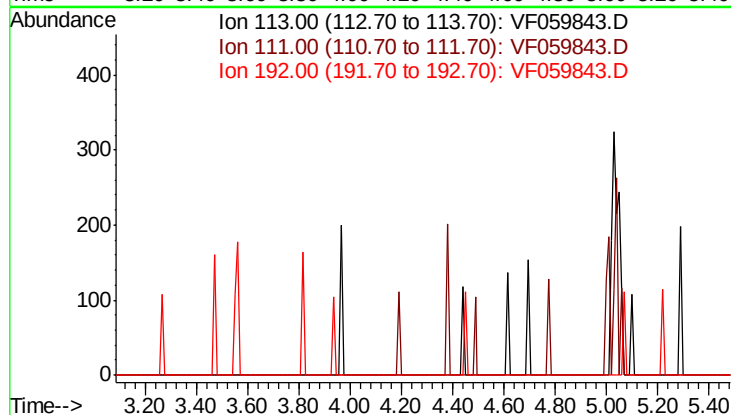




#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 4.28 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

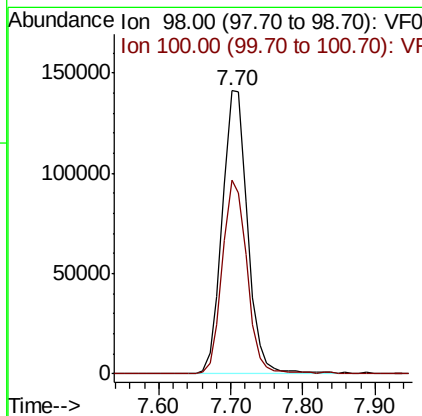
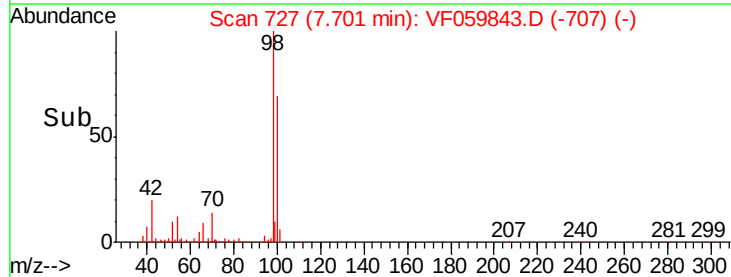
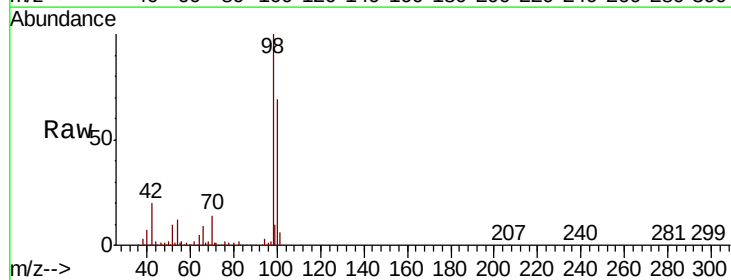
Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

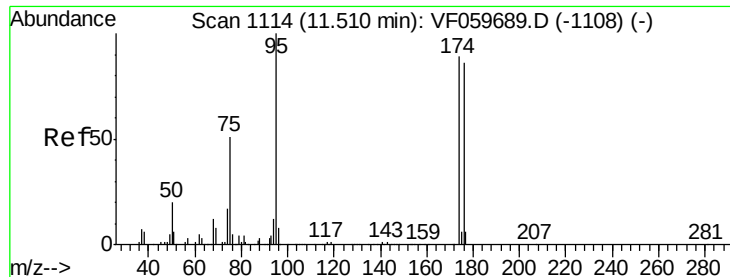
Tot Ion	Exp Ratio
113	100
111	98.7
192	16.5



#50
 Toluene-d8
 Concen: 32.87 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Tgt Ion	Resp	Lower	Upper
98	344804		
100	68.6	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 31.41 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONE-CONCRETE

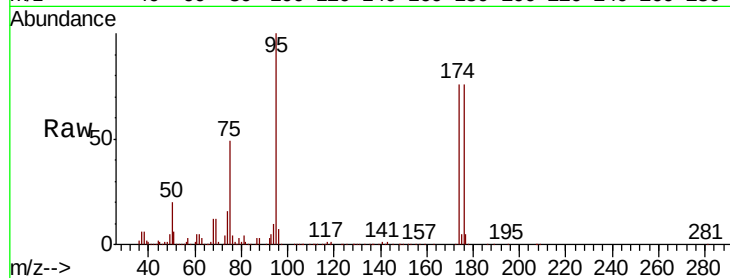
Tot Ion: 95 Resp: 182416

Ion Ratio Lower Upper

95 100

174 76.2 0.0 178.4

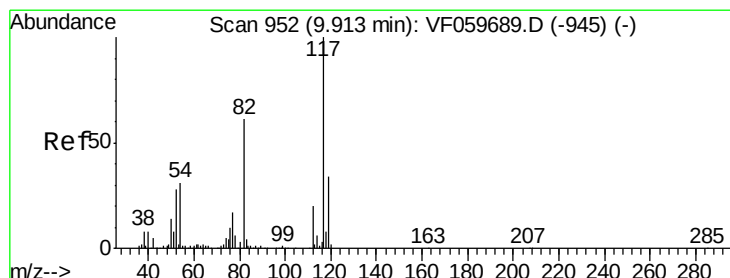
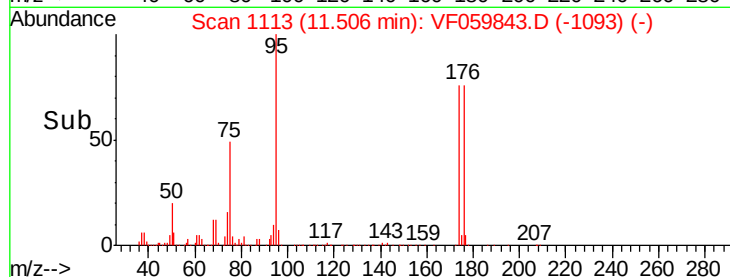
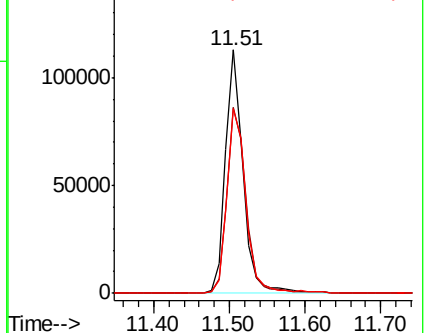
176 75.8 0.0 173.0



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. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

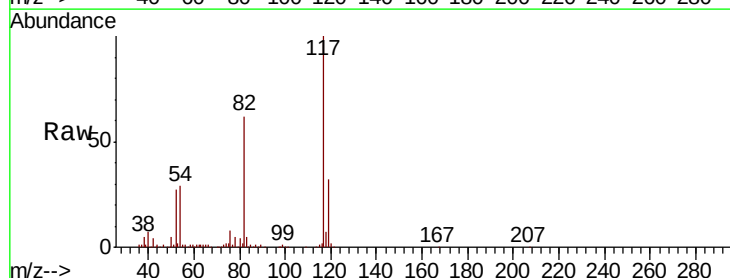
Tgt Ion: 117 Resp: 388235

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.4

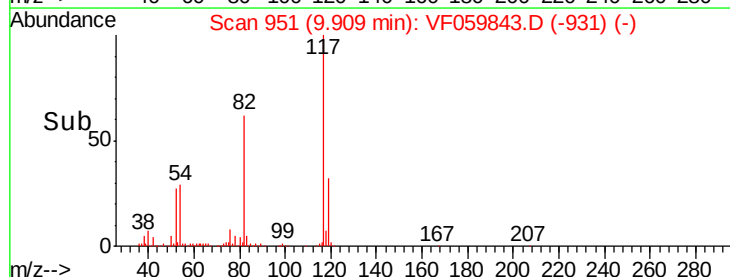
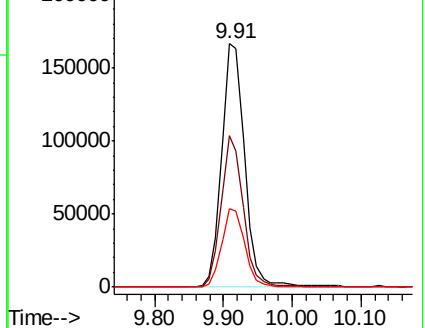
119 32.1 27.3 40.9

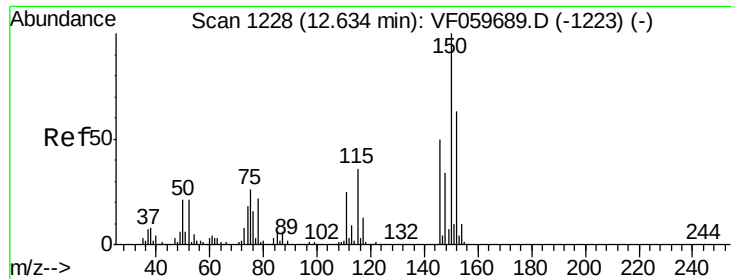


Abundance Ion 117.00 (116.70 to 117.70): V

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. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONE-CONCRETE

Tot Ion:152 Resp: 222190

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.6

150 155.0 0.0 316.2

