

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059746.D
 Acq On : 1 Aug 2018 10:10
 Operator : VA/AP
 Sample : J3825-11
 Misc : 5.94g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-A

Quant Time: Aug 01 13:32:29 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

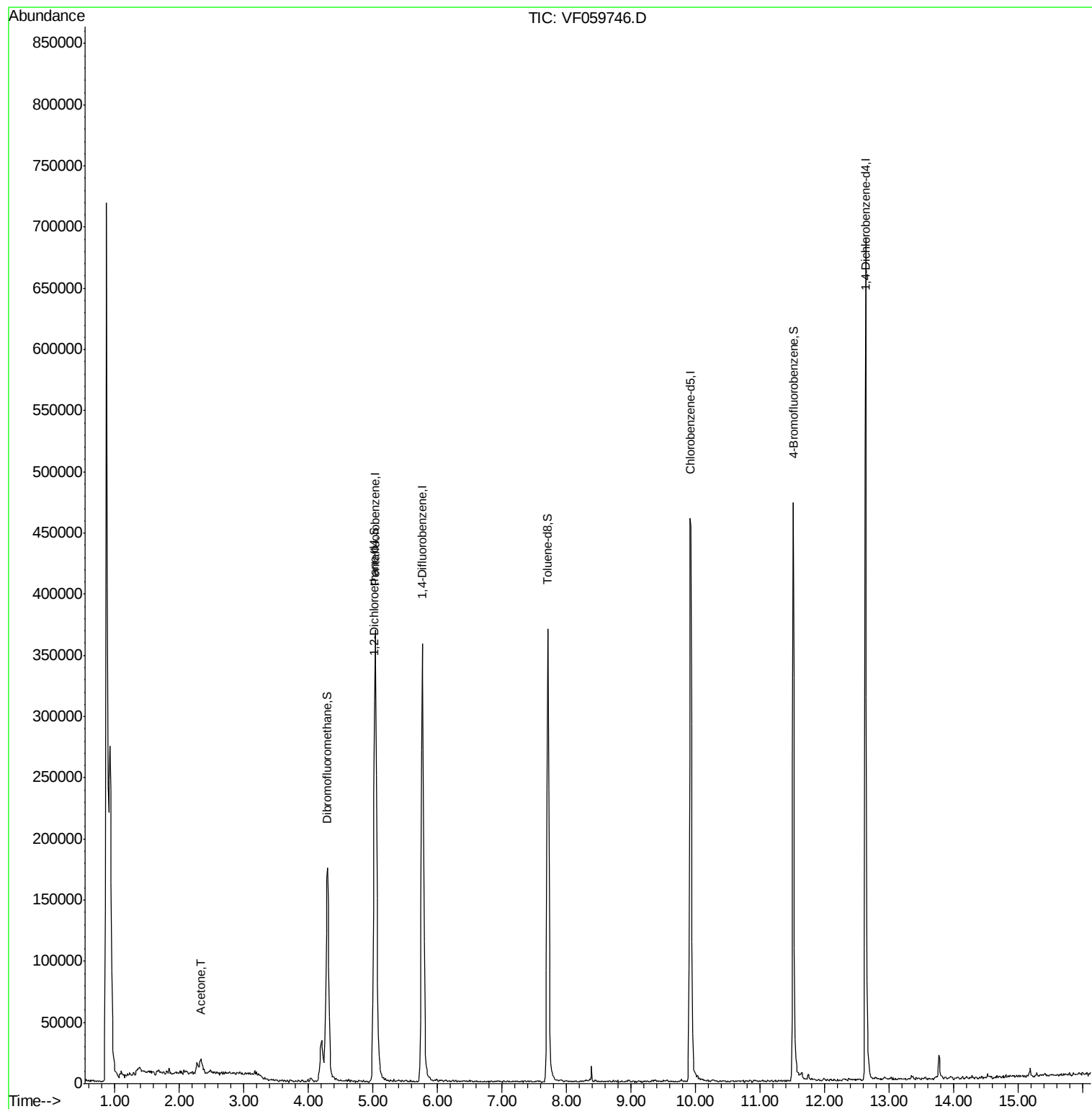
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	227260	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	338370	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	312756	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	168903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	186463	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	4.30	113	149611	42.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.14%	
50) Toluene-d8	7.72	98	299560	36.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.10%	
62) 4-Bromofluorobenzene	11.51	95	151459	33.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.76%	
Target Compounds						
16) Acetone	2.34	43	14235	19.377	ug/l	Qvalue 95

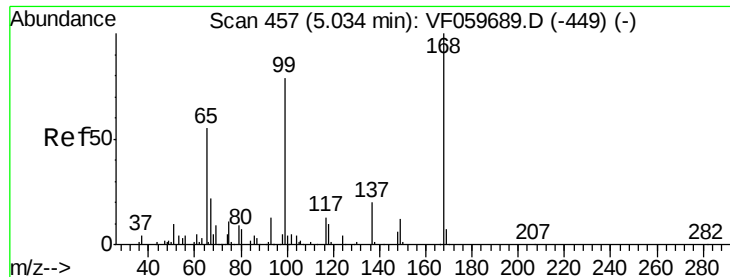
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

Instrument :

MSVOA_F

ClientSampleId :

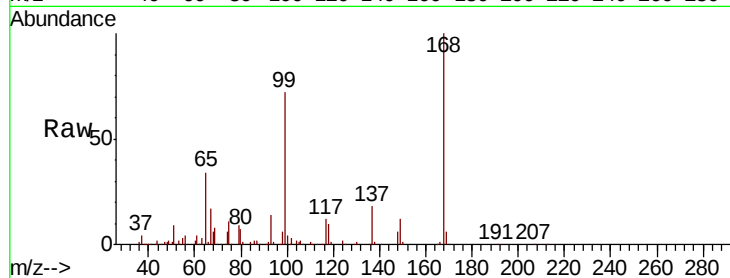
CL-01-073018-A

Tot Ion:168 Resp: 227260

Ion Ratio Lower Upper

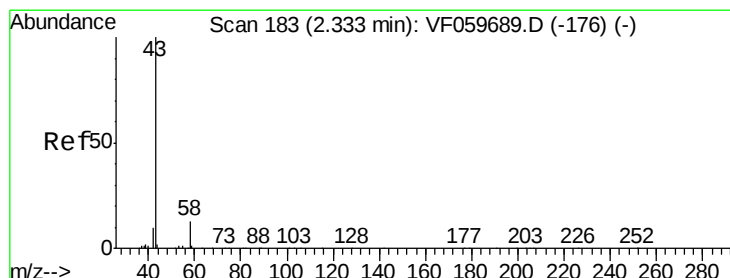
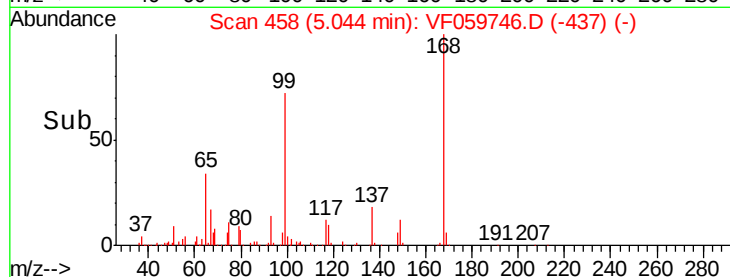
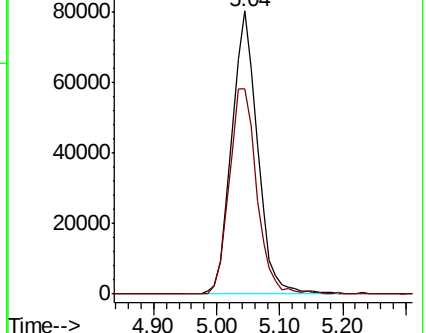
168 100

99 72.4 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: 19.377 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF059746.D

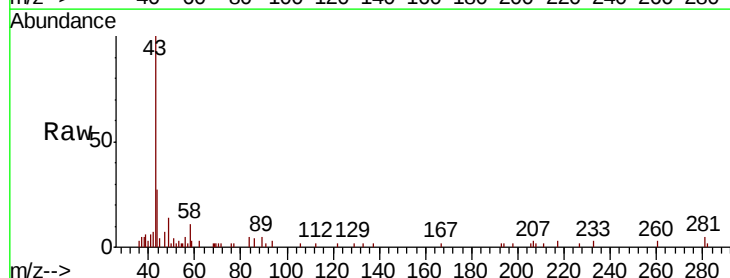
Acq: 1 Aug 2018 10:10

Tgt Ion: 43 Resp: 14235

Ion Ratio Lower Upper

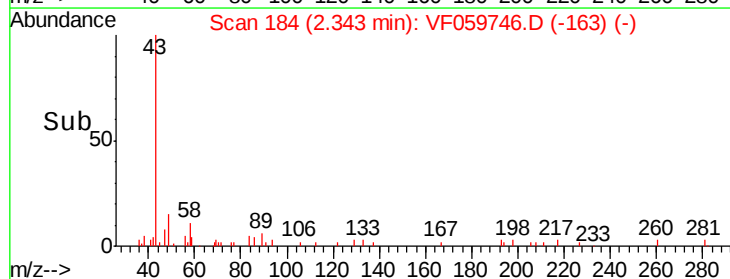
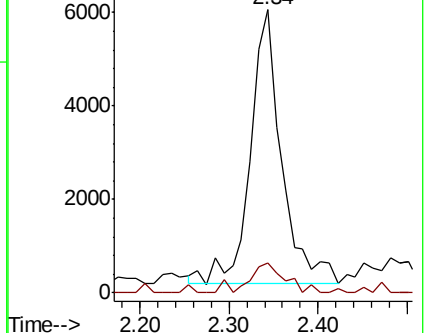
43 100

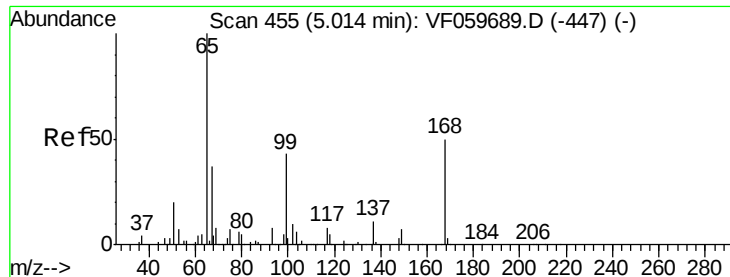
58 10.7 10.1 15.1



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: 45.654 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

Instrument :

MSVOA_F

ClientSampleId :

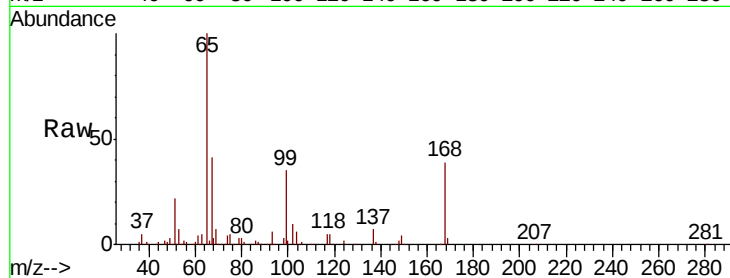
CL-01-073018-A

Tot Ion: 65 Resp: 186463

Ion Ratio Lower Upper

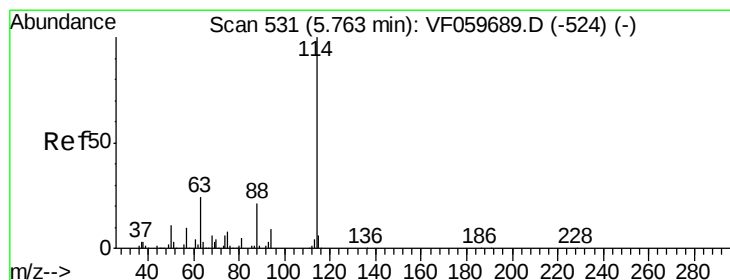
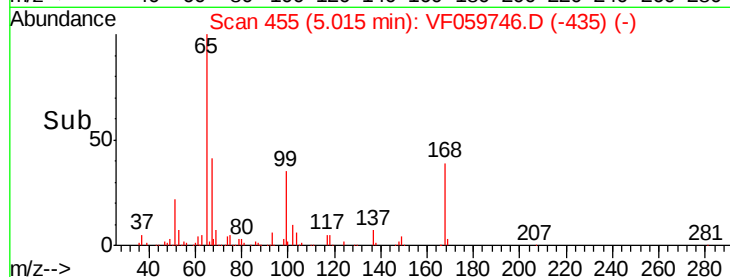
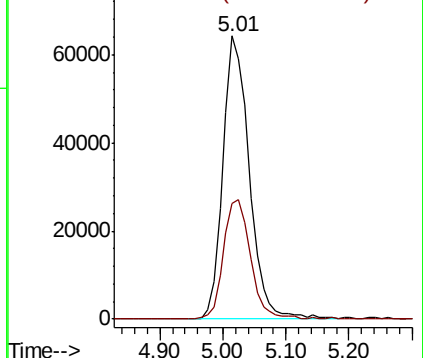
65 100

67 40.8 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: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

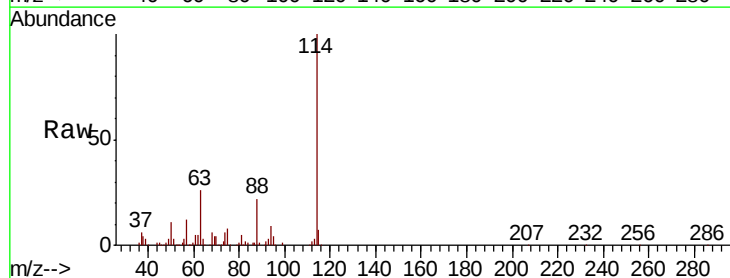
Tgt Ion: 114 Resp: 338370

Ion Ratio Lower Upper

114 100

63 25.9 0.0 47.4

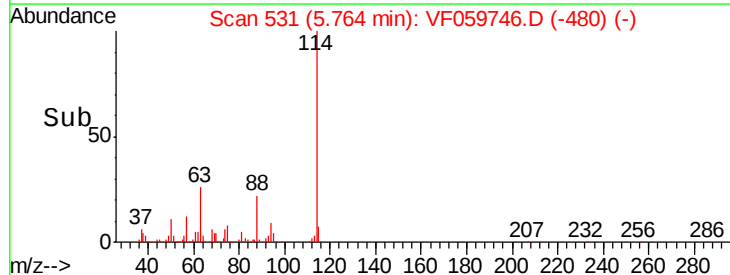
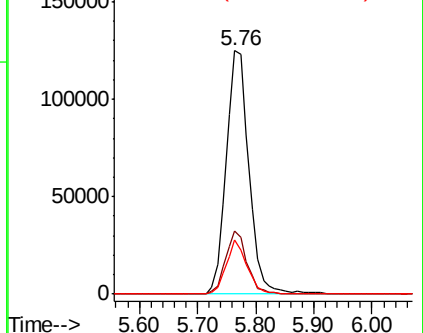
88 22.4 0.0 41.2

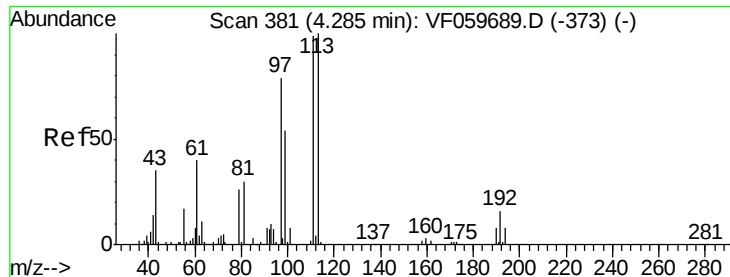


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 42.570 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-A

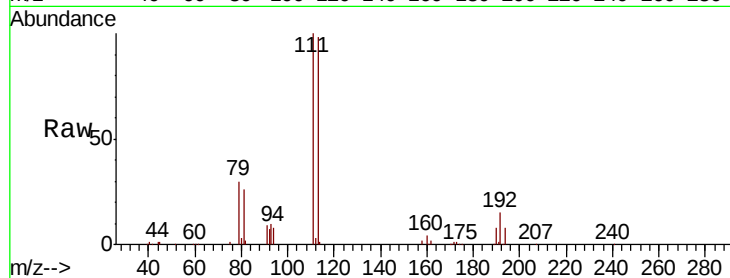
Tot Ion:113 Resp: 149611

Ion Ratio Lower Upper

113 100

111 100.7 79.0 118.4

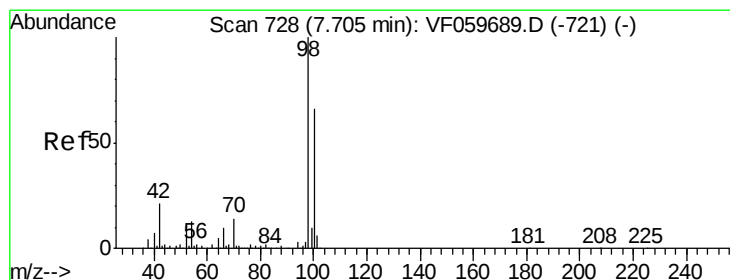
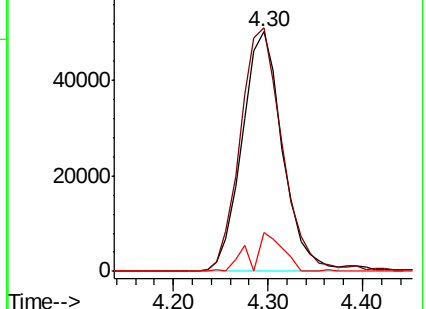
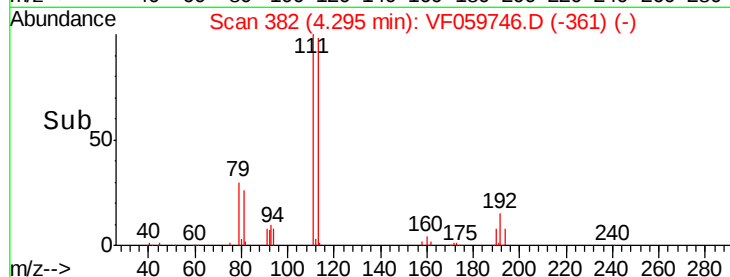
192 15.9 13.2 19.8



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: 36.551 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059746.D

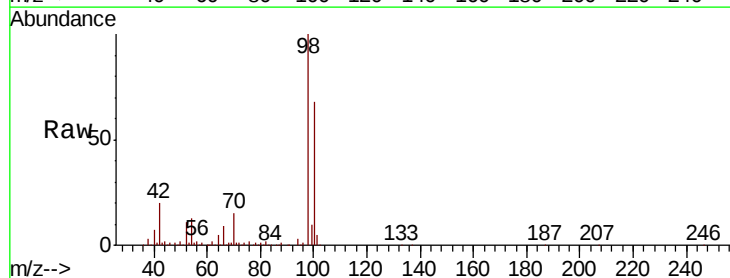
Acq: 1 Aug 2018 10:10

Tgt Ion: 98 Resp: 299560

Ion Ratio Lower Upper

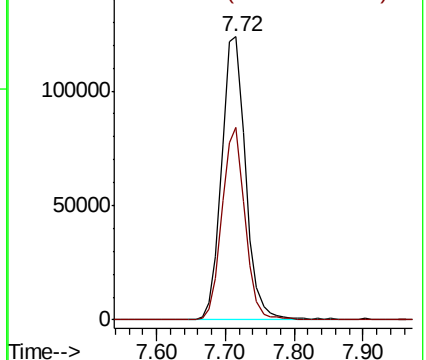
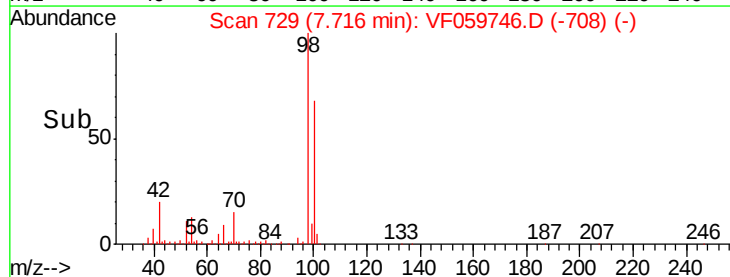
98 100

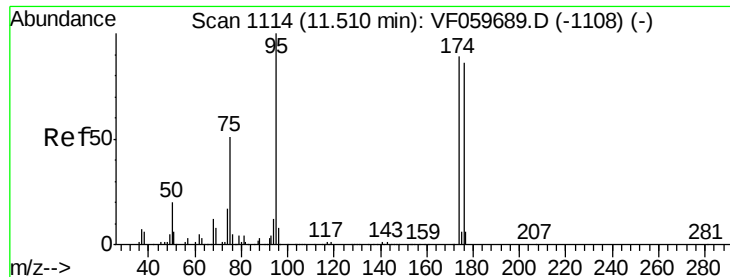
100 68.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 33.382 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-A

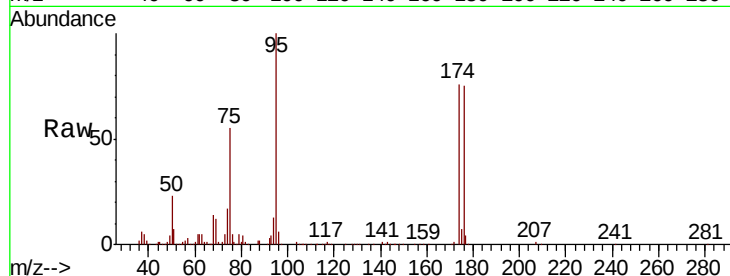
Tot Ion: 95 Resp: 151459

Ion Ratio Lower Upper

95 100

174 75.9 0.0 178.4

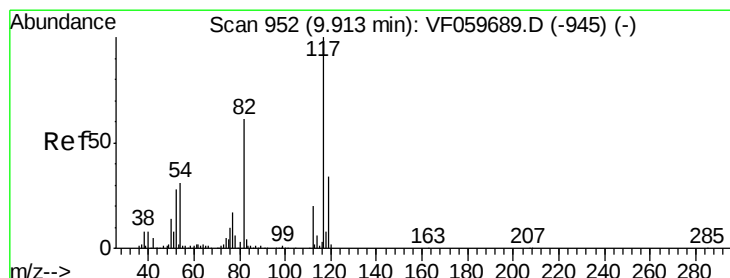
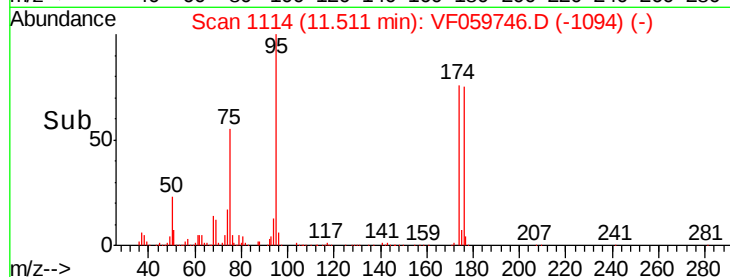
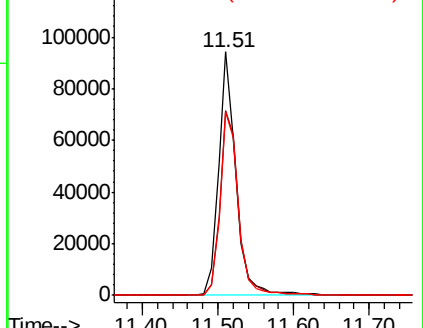
176 75.4 0.0 173.0



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: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

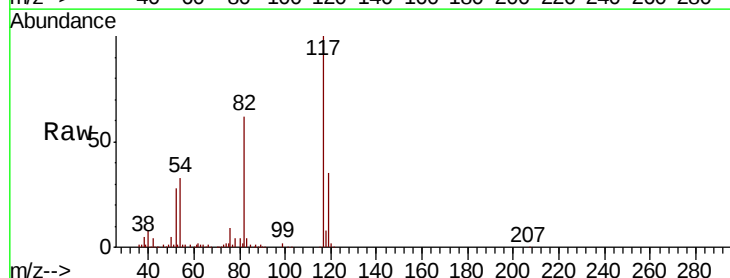
Tgt Ion: 117 Resp: 312756

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.4

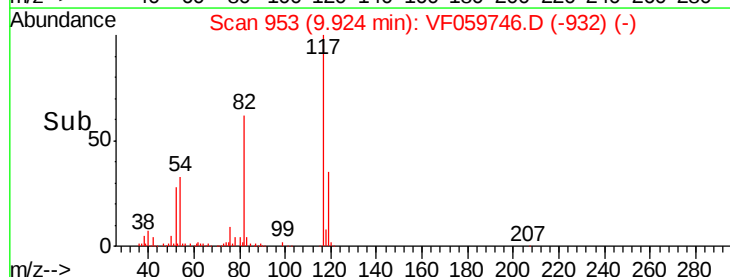
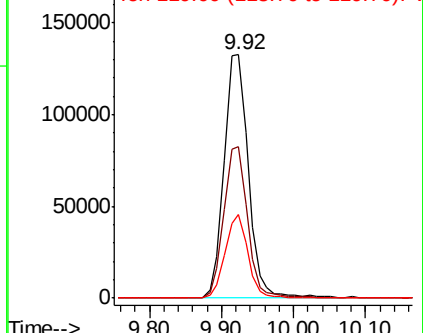
119 34.5 27.3 40.9

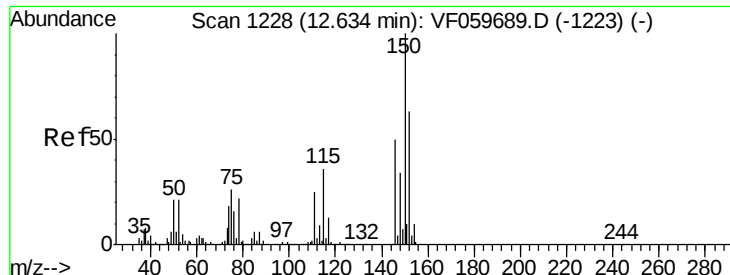


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059746.D

Acq: 1 Aug 2018 10:10

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-A

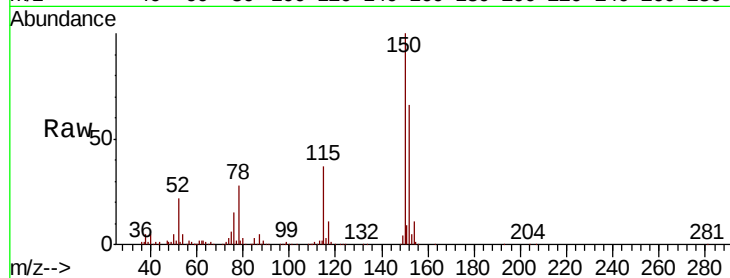
Tot Ion:152 Resp: 168903

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 152.1 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

