

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059735.D
 Acq On : 1 Aug 2018 5:03
 Operator : VA/AP
 Sample : J3825-13
 Misc : 5.68g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 01 08:22:11 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	5.05	168	150630	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	231826	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	189107	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	96122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	170563	63.01	ug/l	0.01
Spiked Amount	50.000		Recovery	=	126.02%	
35) Dibromofluoromethane	4.29	113	133895	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
50) Toluene-d8	7.72	98	219344	39.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	78.12%	
62) 4-Bromofluorobenzene	11.51	95	115100	37.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.06%	

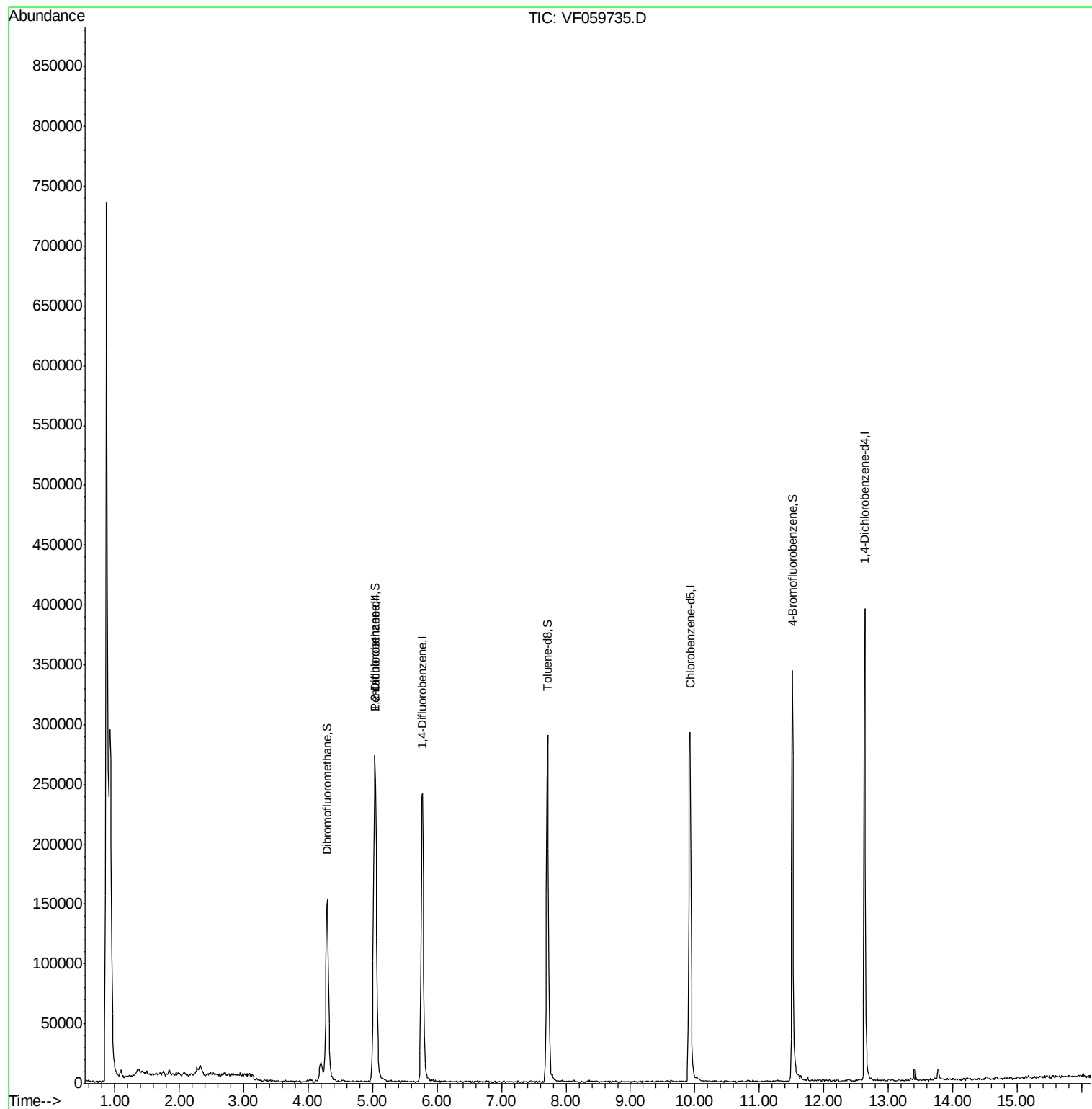
Target Compounds	Qvalue
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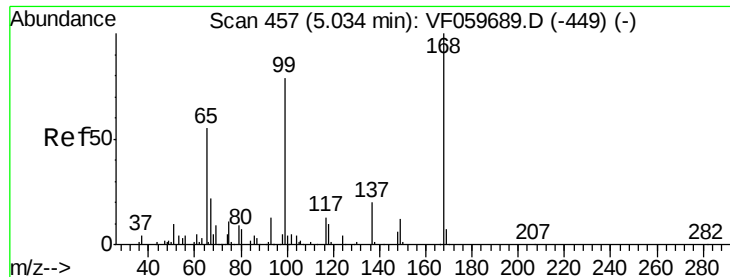
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

Instrument :

MSVOA_F

ClientSampleId :

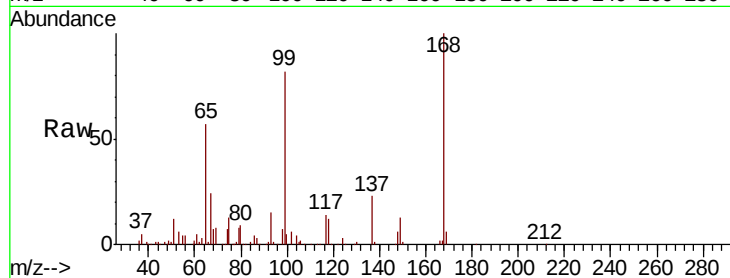
CL-01-073018-B

Tot Ion:168 Resp: 150630

Ion Ratio Lower Upper

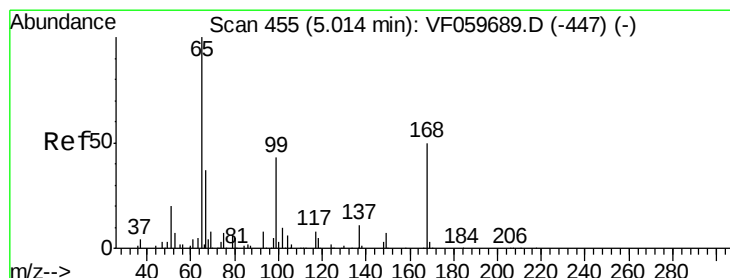
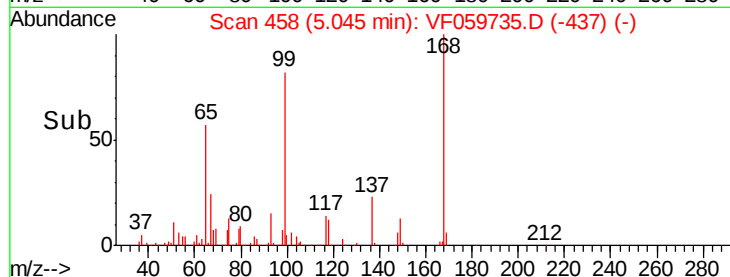
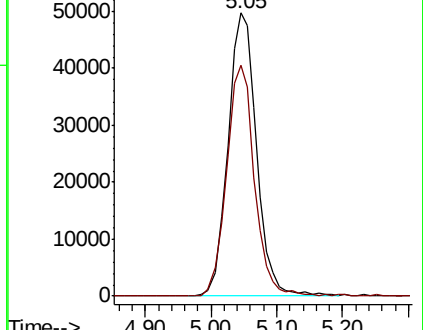
168 100

99 81.5 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: 63.006 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059735.D

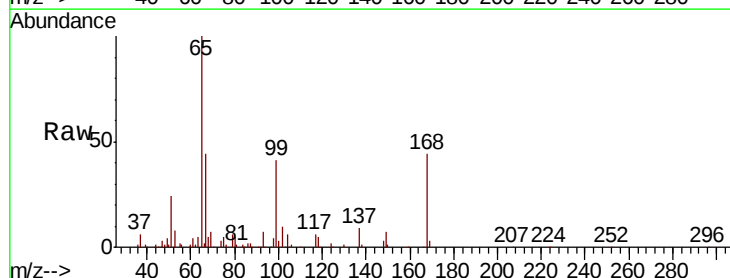
Acq: 1 Aug 2018 5:03

Tgt Ion: 65 Resp: 170563

Ion Ratio Lower Upper

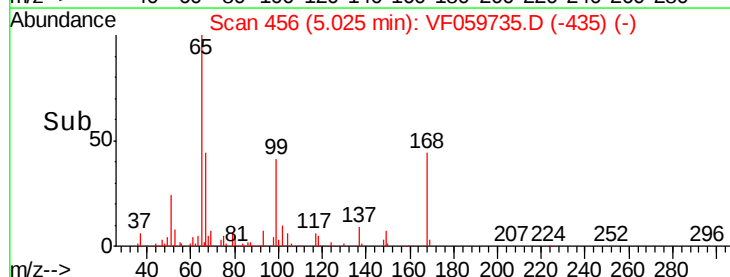
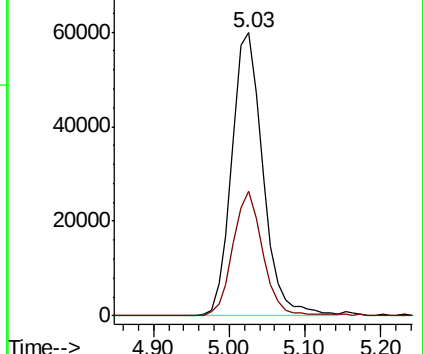
65 100

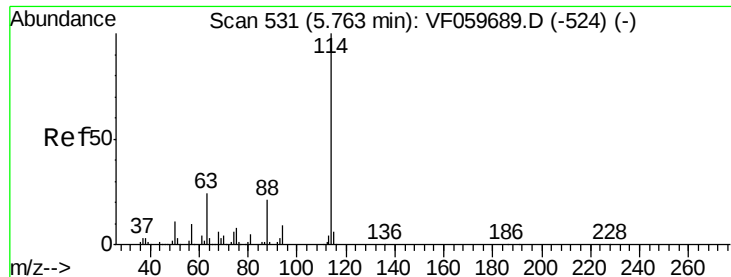
67 44.0 0.0 84.6



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: 5.77 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-B

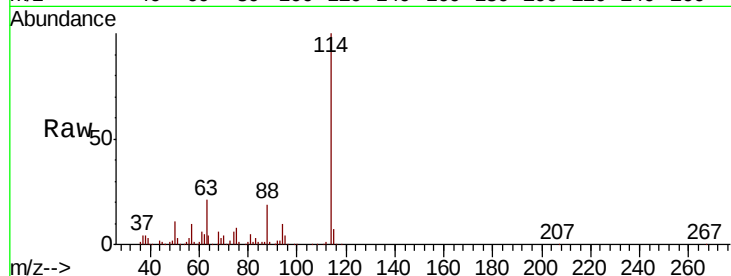
Tot Ion:114 Resp: 231826

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.4

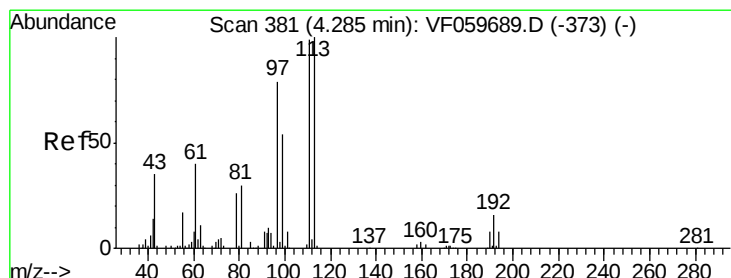
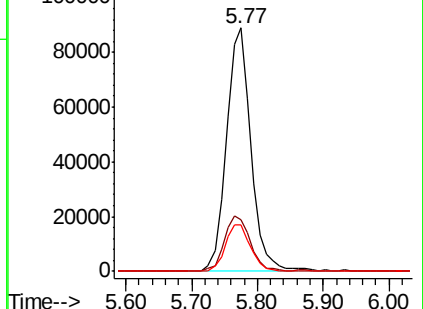
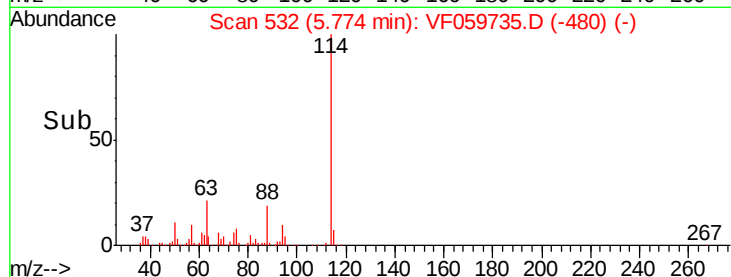
88 19.0 0.0 41.2



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: 55.607 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

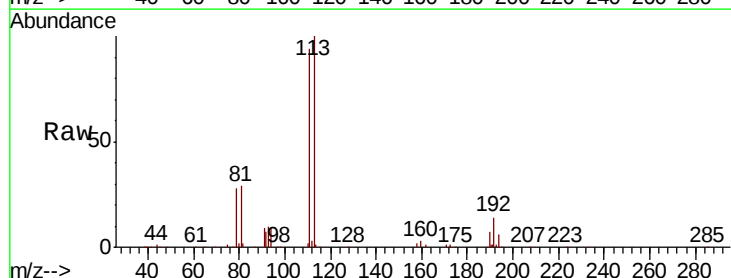
Tgt Ion:113 Resp: 133895

Ion Ratio Lower Upper

113 100

111 93.6 79.0 118.4

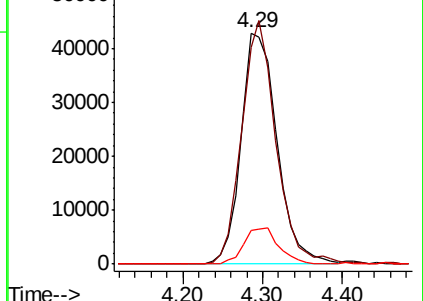
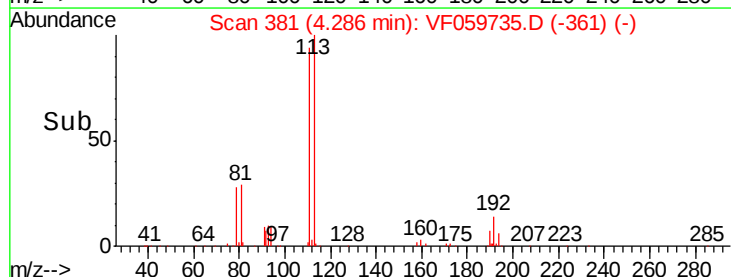
192 14.4 13.2 19.8

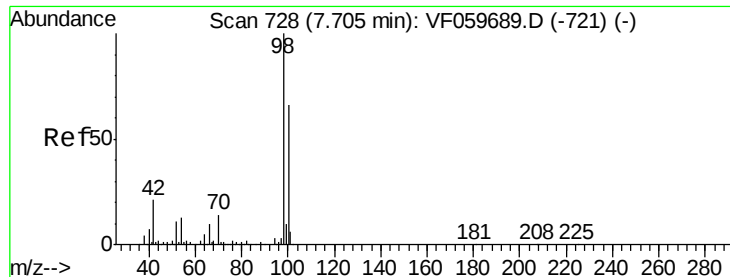


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.064 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

Instrument :

MSVOA_F

ClientSampleId :

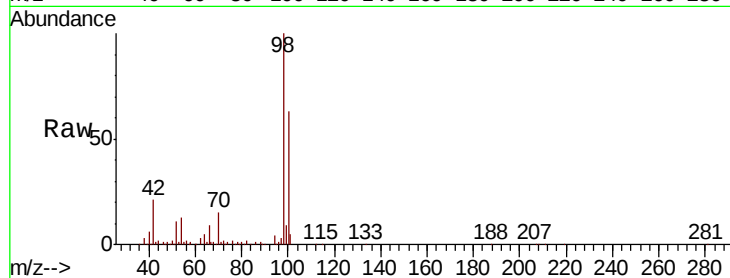
CL-01-073018-B

Tot Ion: 98 Resp: 219344

Ion Ratio Lower Upper

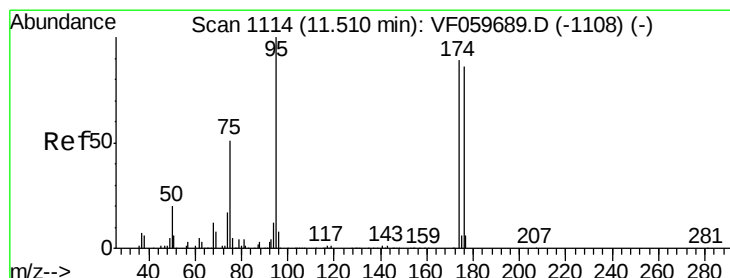
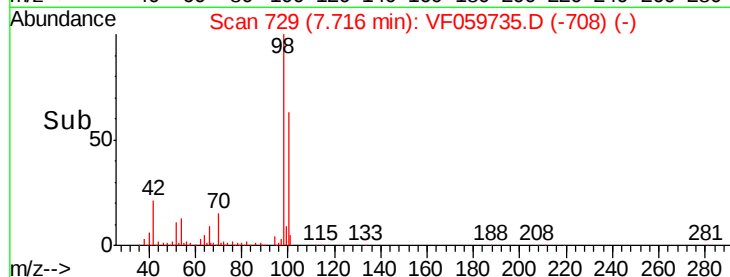
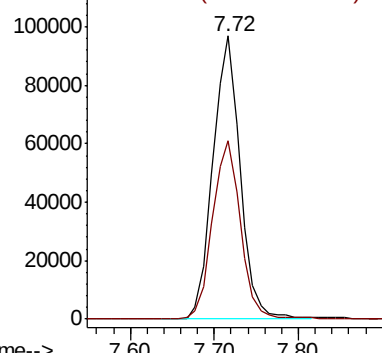
98 100

100 63.0 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: 37.028 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

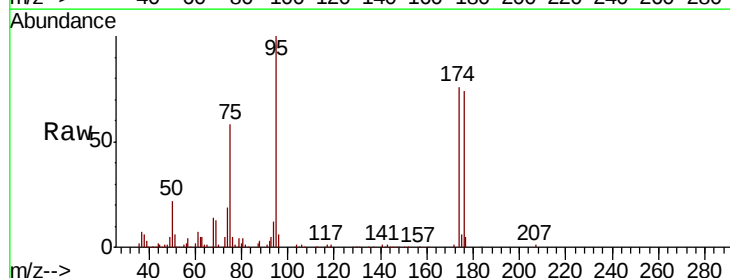
Tgt Ion: 95 Resp: 115100

Ion Ratio Lower Upper

95 100

174 75.7 0.0 178.4

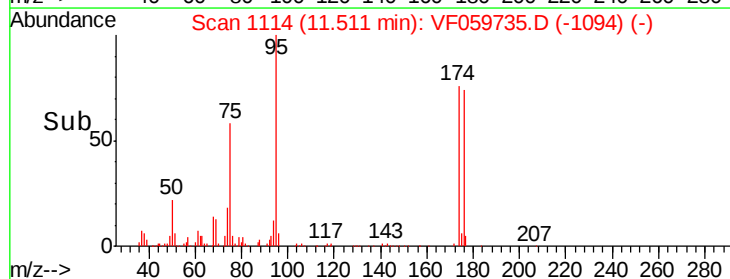
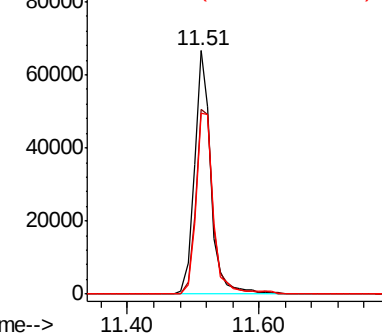
176 74.2 0.0 173.0

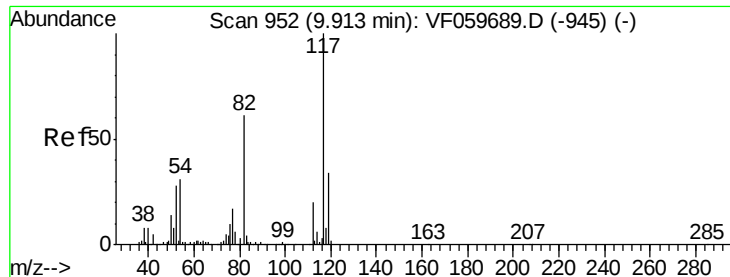


Abundance Ion 95.00 (94.70 to 95.70): VF0

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: VF059735.D

Acq: 1 Aug 2018 5:03

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-B

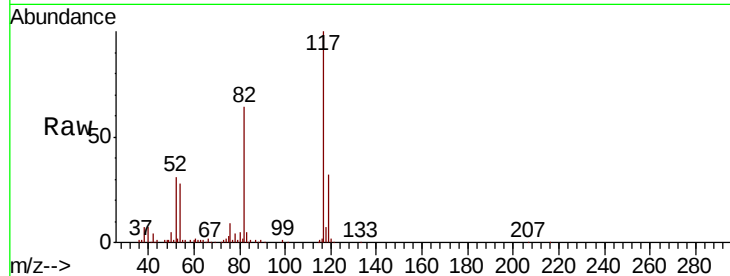
Tot Ion:117 Resp: 189107

Ion Ratio Lower Upper

117 100

82 63.5 49.0 73.4

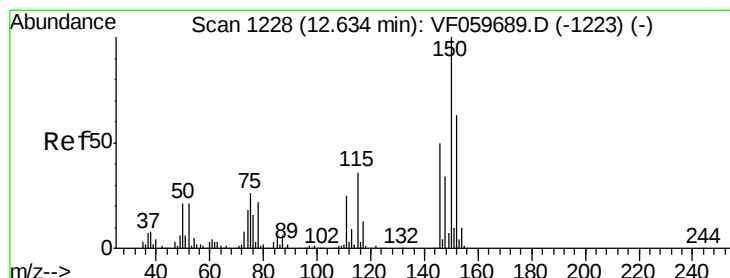
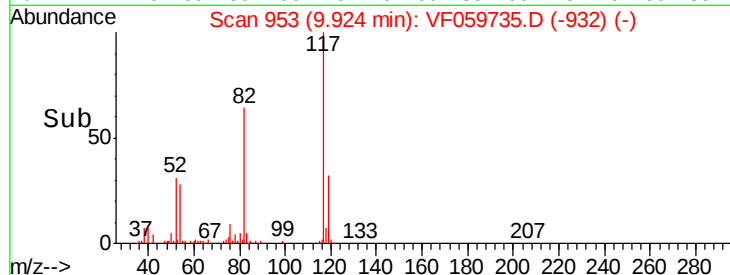
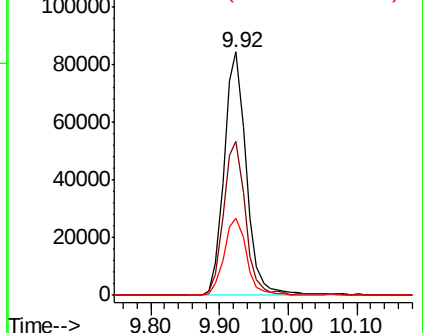
119 31.7 27.3 40.9



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: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059735.D

Acq: 1 Aug 2018 5:03

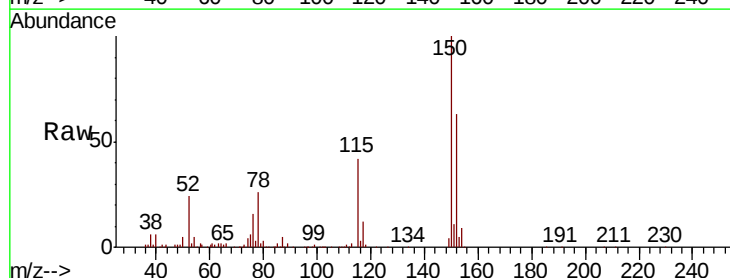
Tgt Ion:152 Resp: 96122

Ion Ratio Lower Upper

152 100

115 67.0 28.2 84.6

150 159.9 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

