

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060443.D
 Acq On : 4 Oct 2018 18:39
 Operator : VA/AP
 Sample : J5198-09RE
 Misc : 6.00/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-100218-ERE

Quant Time: Oct 05 01:21:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	282605	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	461547	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	399985	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	198020	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	169831	38.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	76.80%	
35) Dibromofluoromethane	4.28	113	164169	37.86	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.72%	
50) Toluene-d8	7.70	98	301423	28.23	ug/l	0.02
Spiked Amount	50.000		Recovery	=	56.46%	
62) 4-Bromofluorobenzene	11.51	95	153464	31.47	ug/l	0.02
Spiked Amount	50.000		Recovery	=	62.94%	

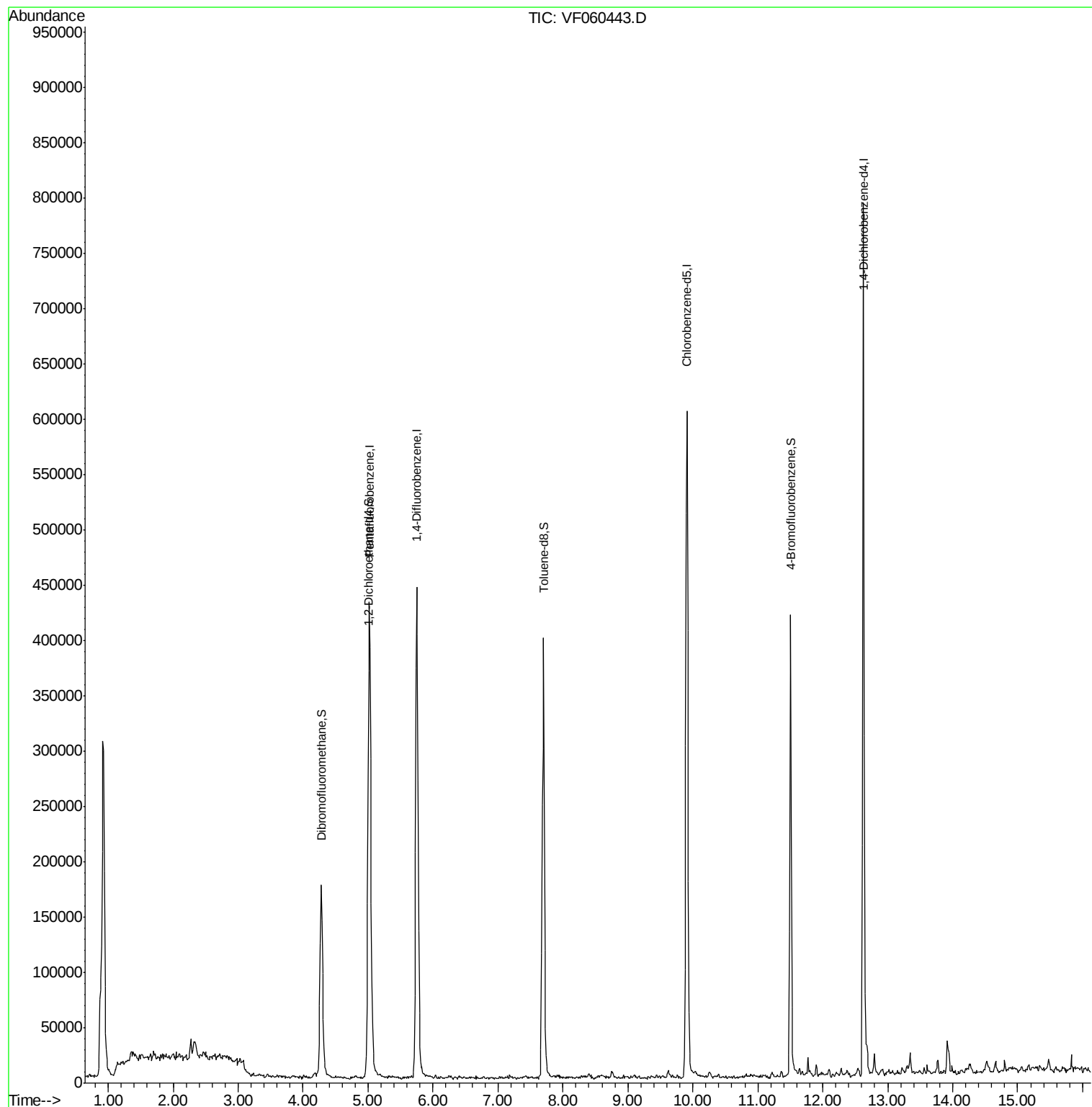
Target Compounds	Qvalue

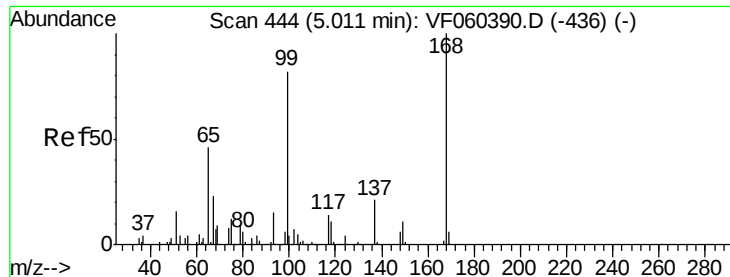
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060443.D

Acq: 4 Oct 2018 18:39

Instrument :

MSVOA_F

ClientSampleId :

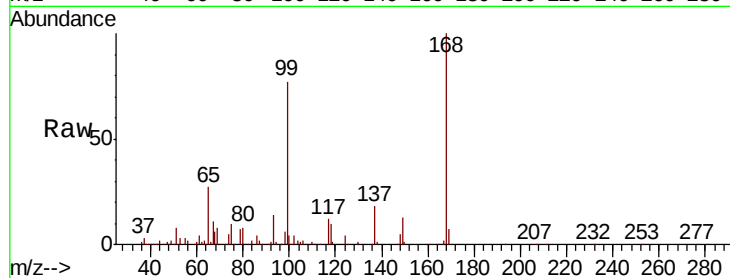
CL-01-100218-ERE

Tot Ion:168 Resp: 282605

Ion Ratio Lower Upper

168 100

99 77.2 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

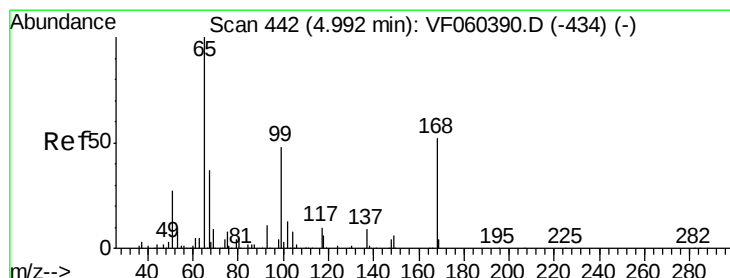
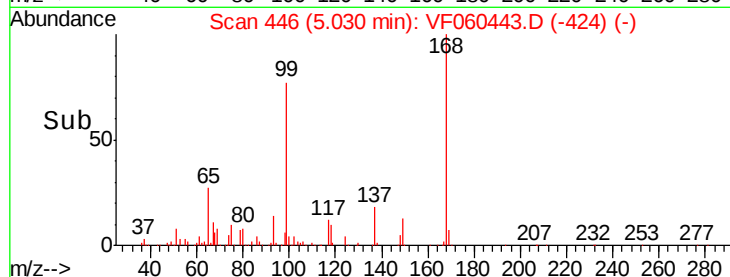
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.405 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060443.D

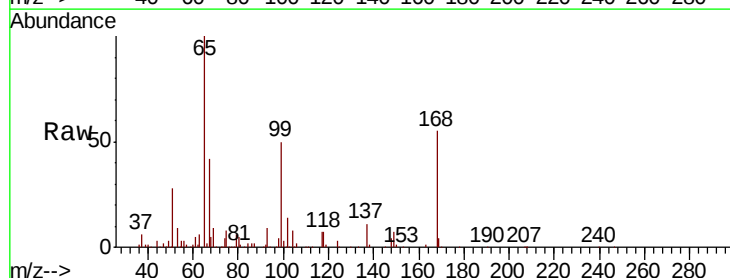
Acq: 4 Oct 2018 18:39

Tgt Ion: 65 Resp: 169831

Ion Ratio Lower Upper

65 100

67 41.5 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

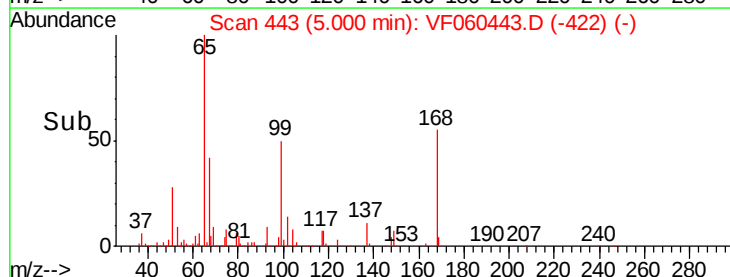
60000

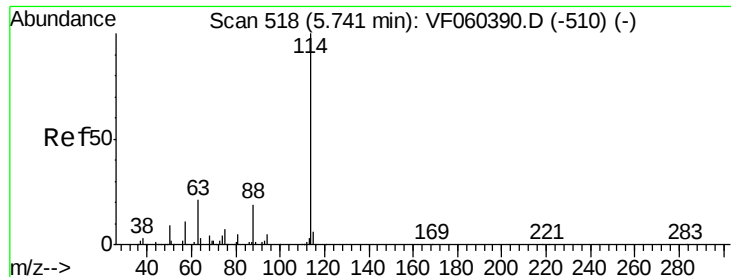
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060443.D

Acq: 4 Oct 2018 18:39

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-ERE

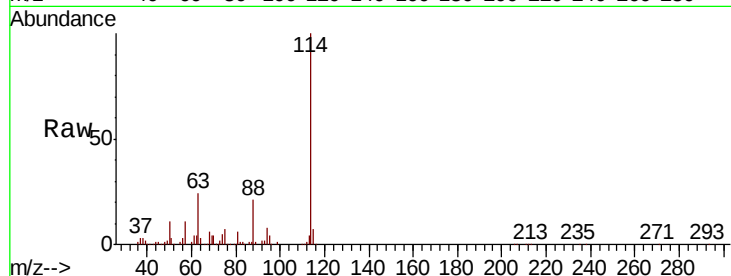
Tot Ion:114 Resp: 461547

Ion Ratio Lower Upper

114 100

63 24.4 0.0 42.2

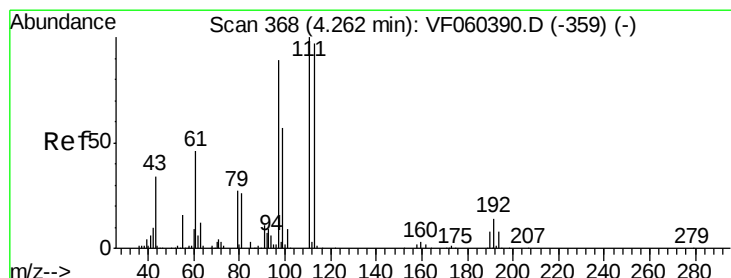
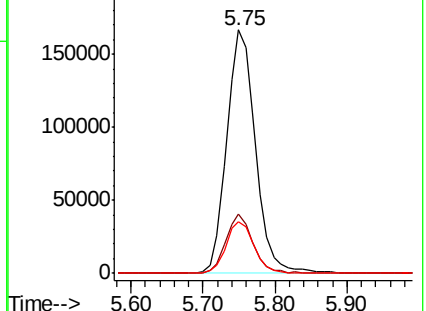
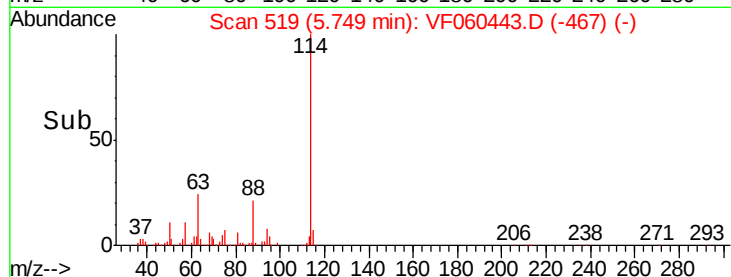
88 21.4 0.0 38.8



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: 37.862 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.02 min

Lab File: VF060443.D

Acq: 4 Oct 2018 18:39

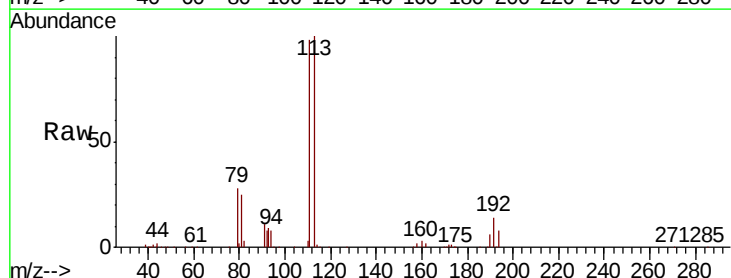
Tgt Ion:113 Resp: 164169

Ion Ratio Lower Upper

113 100

111 98.0 82.3 123.5

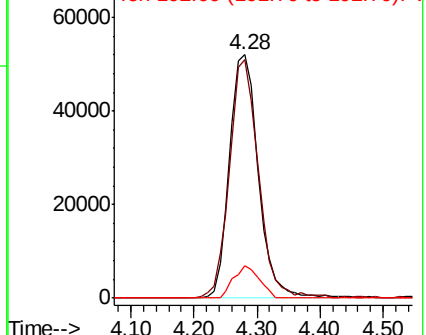
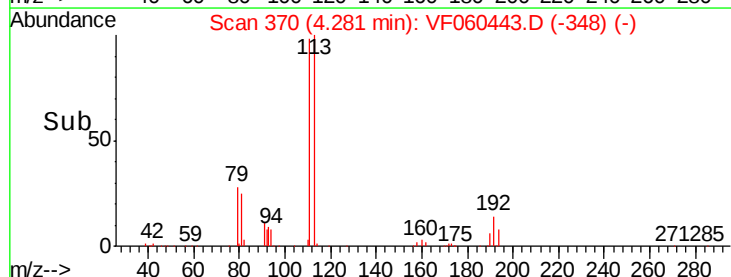
192 13.6 11.8 17.6

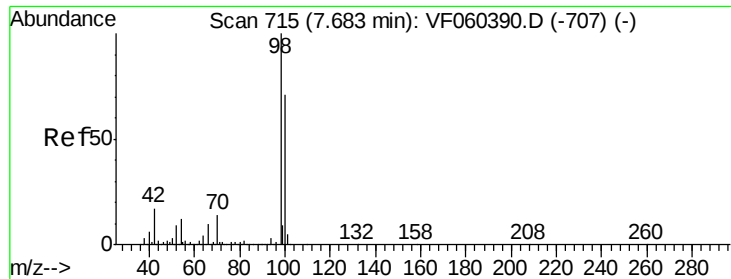


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

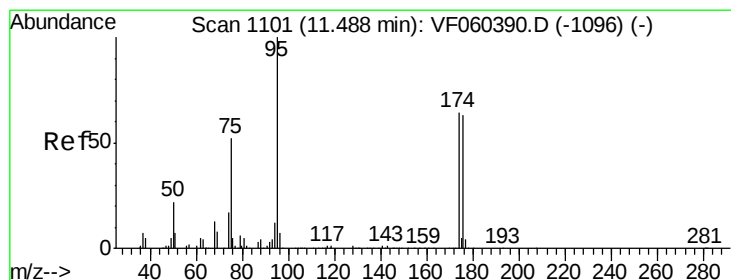
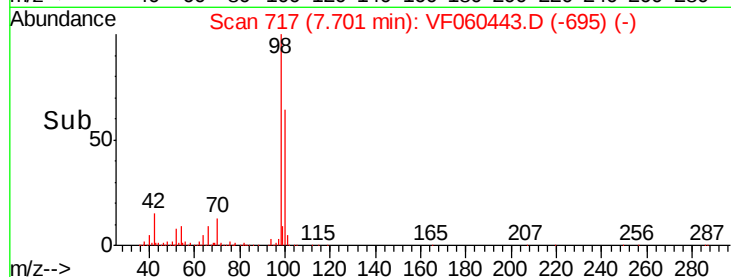
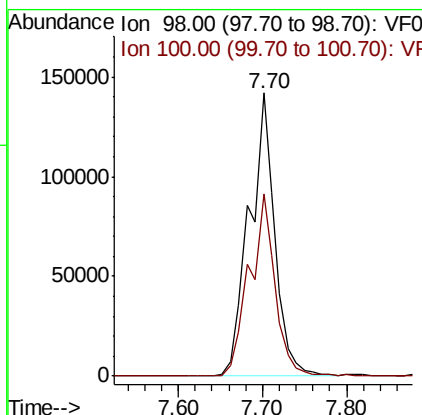
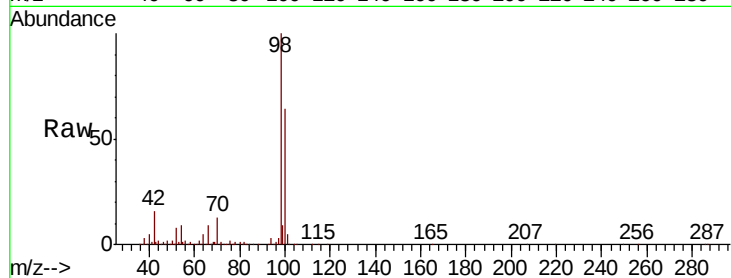




#50
Toluene-d8
Concen: 28.227 ug/l
RT: 7.70 min Scan# 717
Delta R.T. 0.02 min
Lab File: VF060443.D
Acq: 4 Oct 2018 18:39

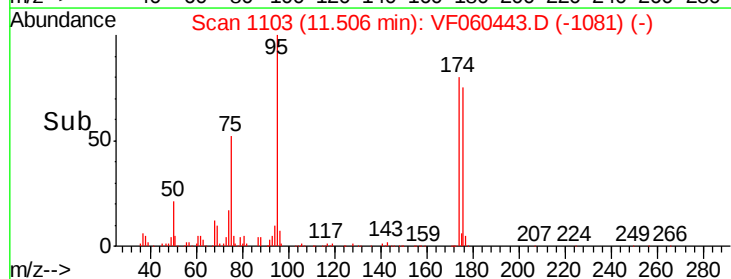
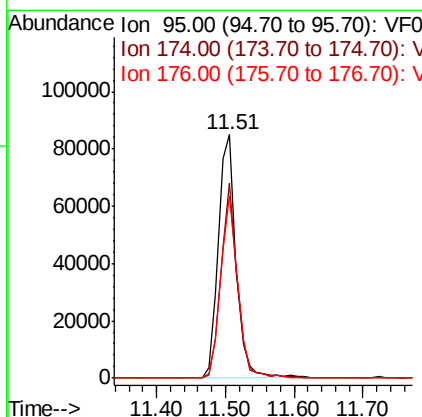
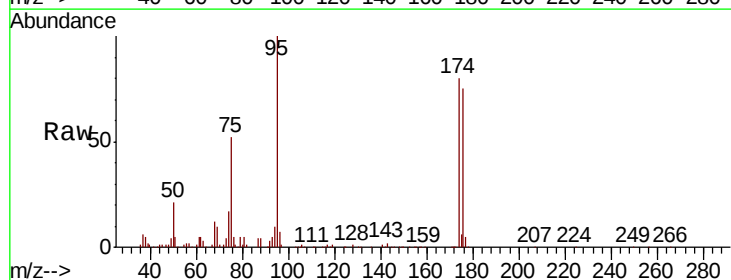
Instrument :
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CL-01-100218-ERE

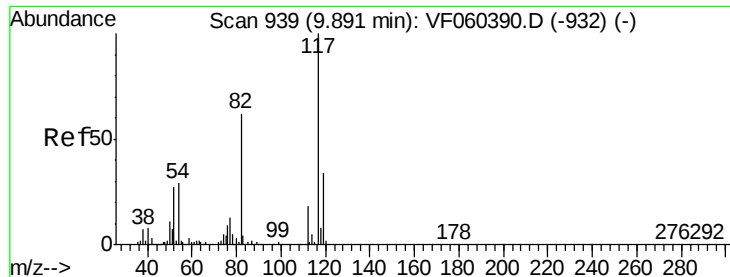
Tot Ion: 98 Resp: 301423
Ion Ratio Lower Upper
98 100
100 64.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 31.475 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.02 min
Lab File: VF060443.D
Acq: 4 Oct 2018 18:39

Tgt Ion: 95 Resp: 153464
Ion Ratio Lower Upper
95 100
174 80.3 0.0 129.0
176 74.9 0.0 125.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.02 min

Lab File: VF060443.D

Acq: 4 Oct 2018 18:39

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-ERE

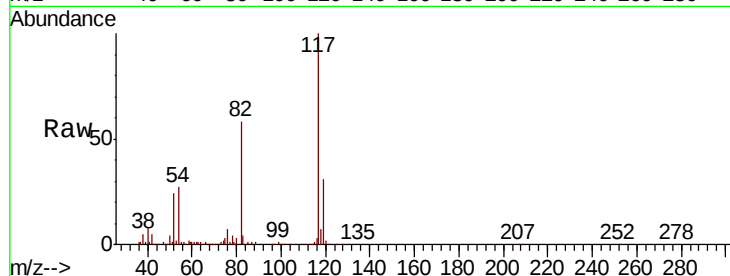
Tot Ion:117 Resp: 399985

Ion Ratio Lower Upper

117 100

82 57.7 49.5 74.3

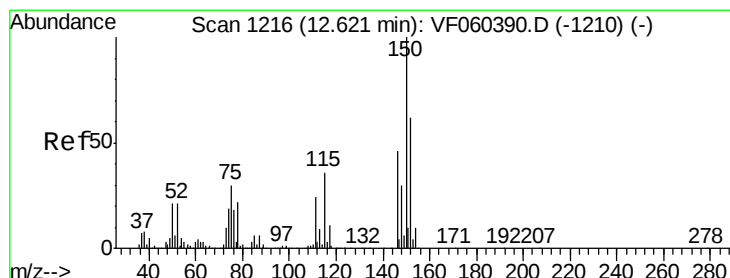
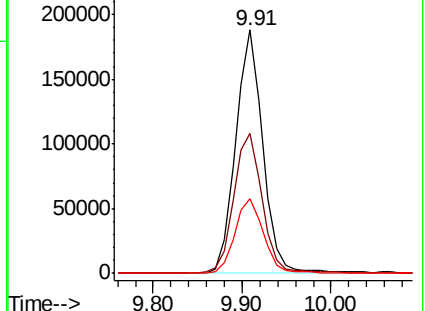
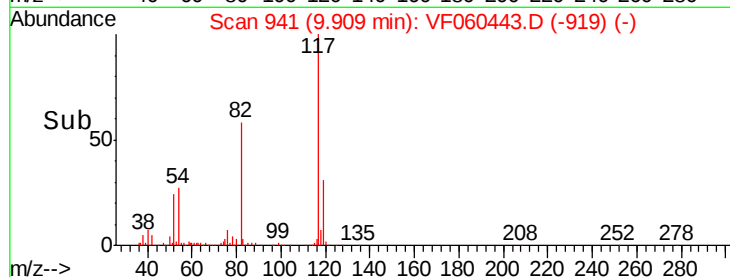
119 30.9 27.0 40.6



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# 1217

Delta R.T. 0.01 min

Lab File: VF060443.D

Acq: 4 Oct 2018 18:39

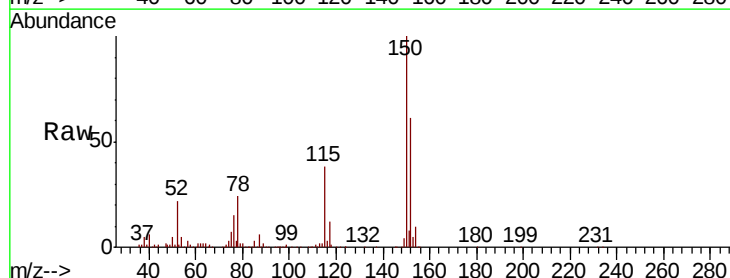
Tgt Ion:152 Resp: 198020

Ion Ratio Lower Upper

152 100

115 61.7 28.6 85.8

150 162.7 0.0 324.6



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

