

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060438.D
 Acq On : 4 Oct 2018 16:12
 Operator : VA/AP
 Sample : VF1004SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1004SBL01

Quant Time: Oct 04 17:32:19 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	5.04	168	304820	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	530135	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	474474	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	272296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	230202	48.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	4.28	113	225575	45.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	7.70	98	568916	46.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.50	95	266555	47.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.20%	

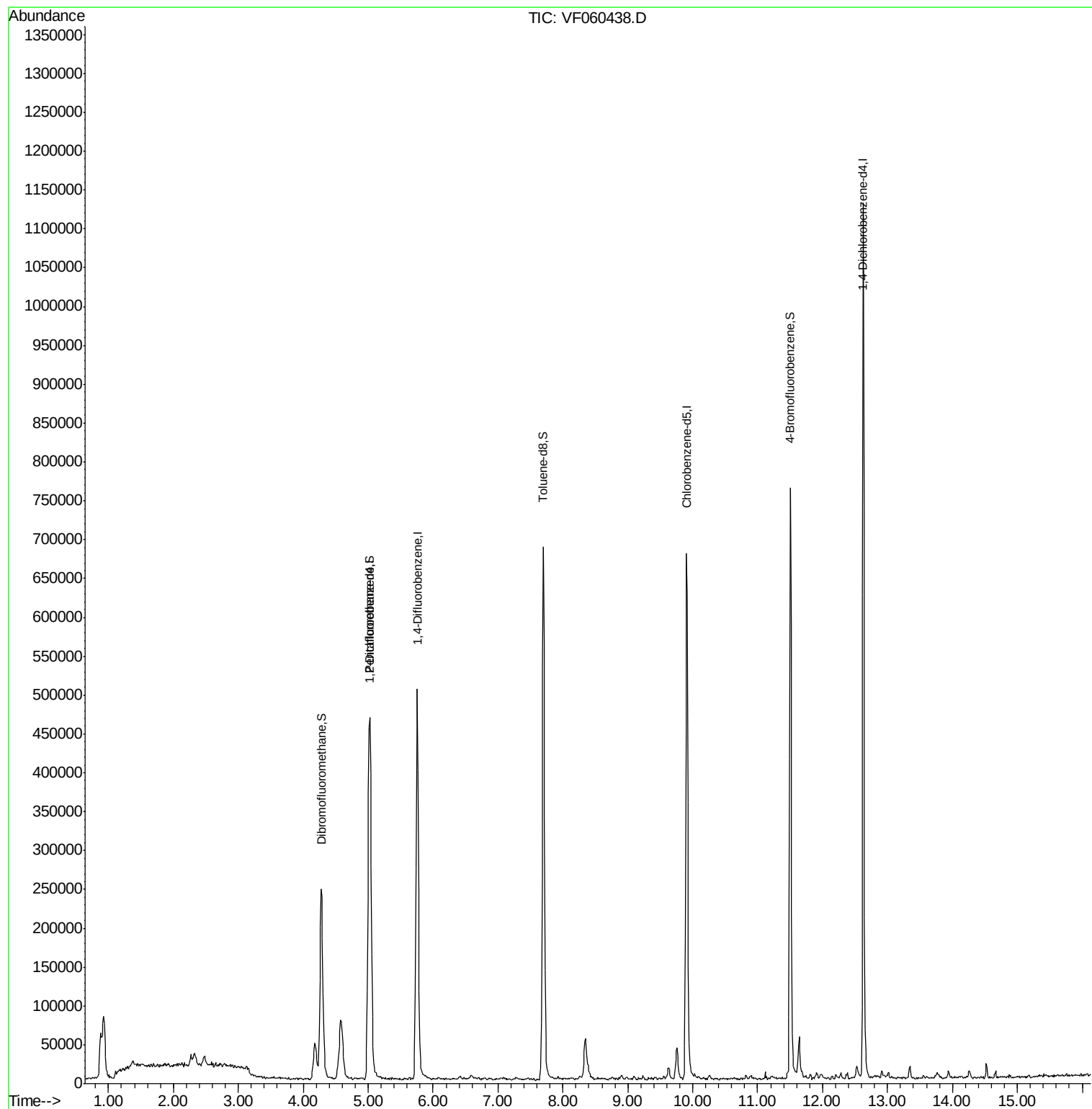
Target Compounds Qvalue

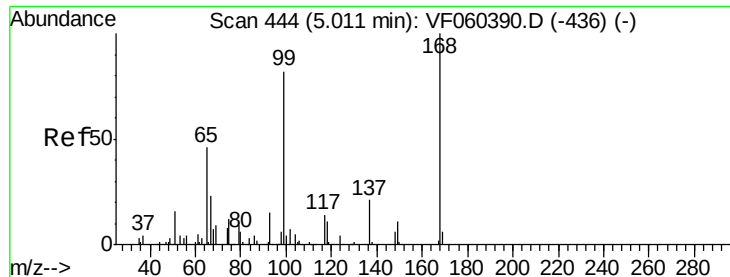
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 447

Delta R.T. 0.02 min

Lab File: VF060438.D

Acq: 4 Oct 2018 16:12

Instrument :

MSVOA_F

ClientSampleId :

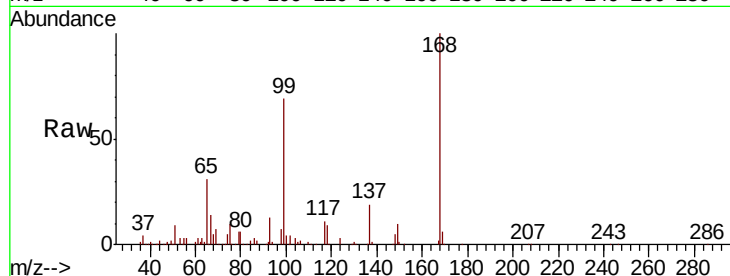
VF1004SBL01

Tot Ion:168 Resp: 304820

Ion Ratio Lower Upper

168 100

99 69.2 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

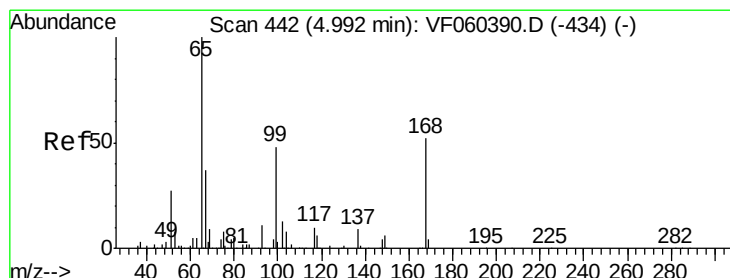
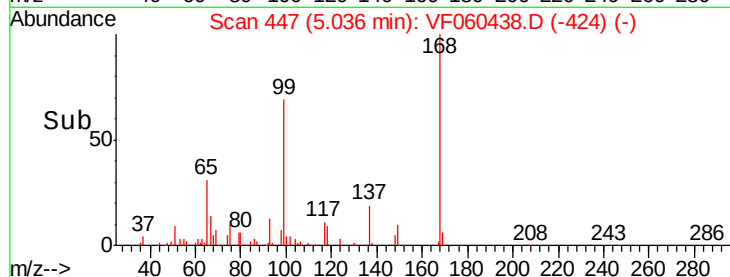
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.263 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.01 min

Lab File: VF060438.D

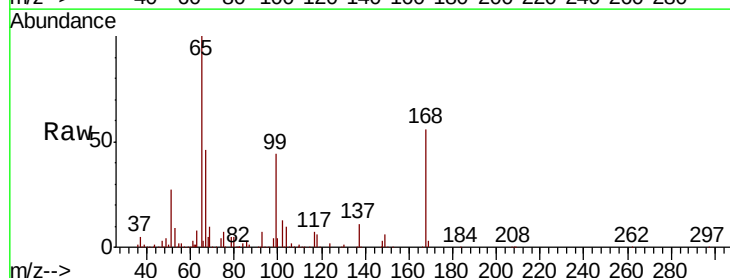
Acq: 4 Oct 2018 16:12

Tgt Ion: 65 Resp: 230202

Ion Ratio Lower Upper

65 100

67 46.2 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

100000

80000

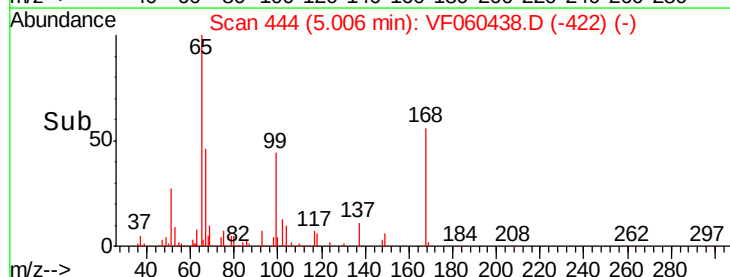
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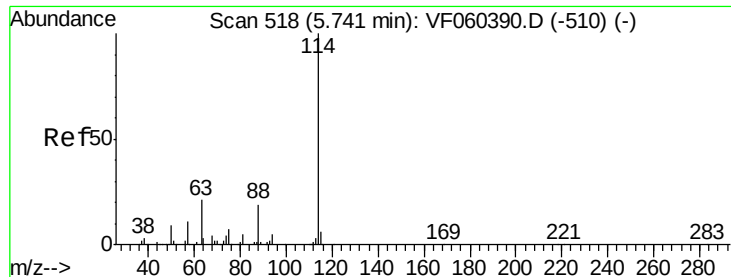
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20000

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Time-->

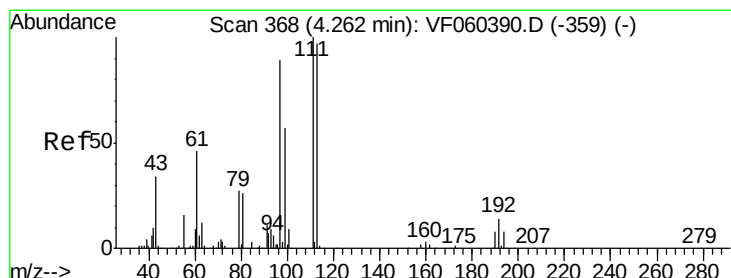
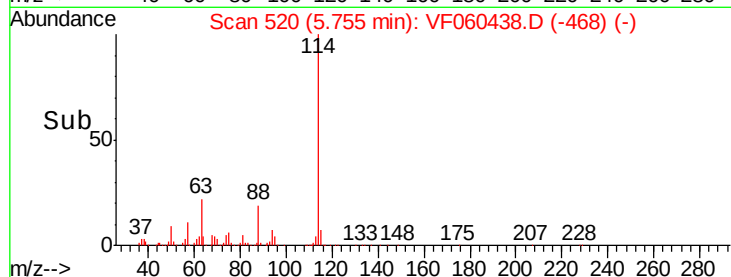
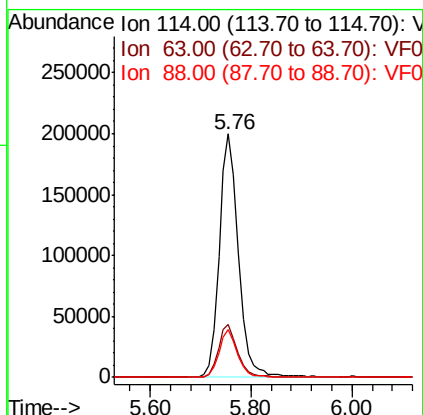
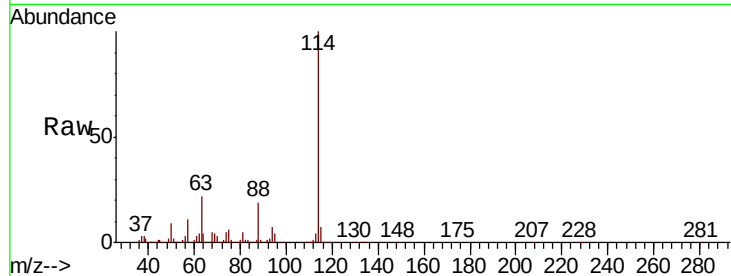




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. 0.01 min
 Lab File: VF060438.D
 Acq: 4 Oct 2018 16:12

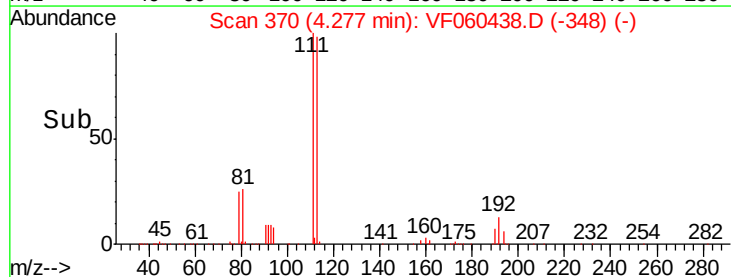
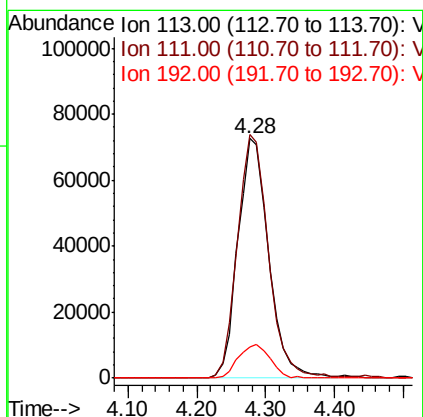
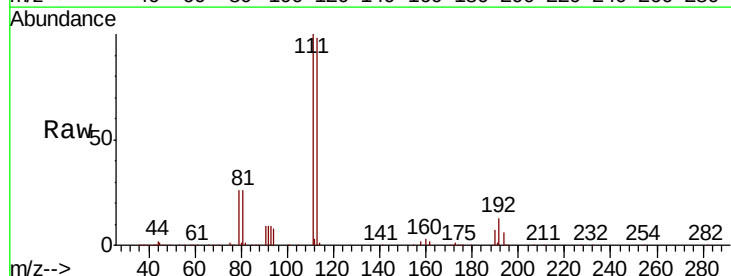
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1004SBL01

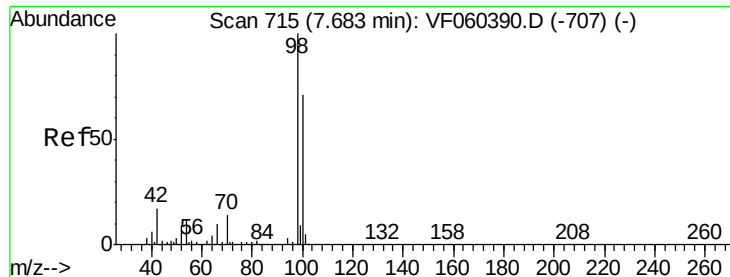
Tot Ion:114 Resp: 530135
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 19.4 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 45.294 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VF060438.D
 Acq: 4 Oct 2018 16:12

Tgt Ion:113 Resp: 225575
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.3 123.5
 192 13.0 11.8 17.6

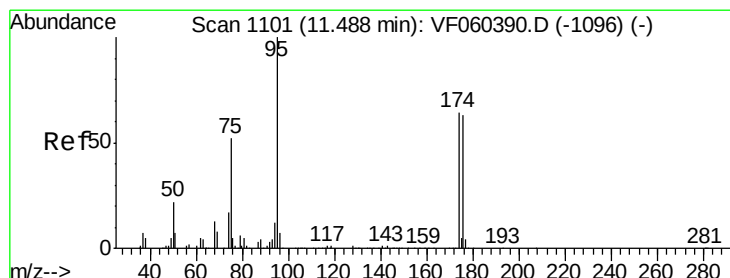
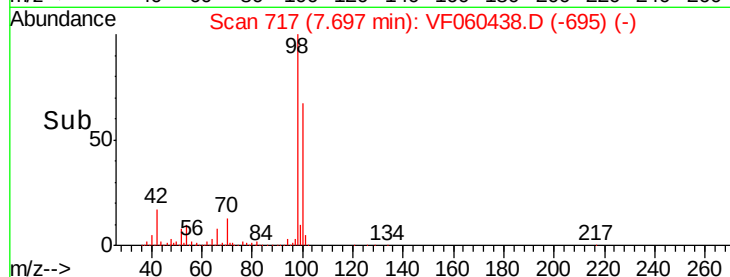
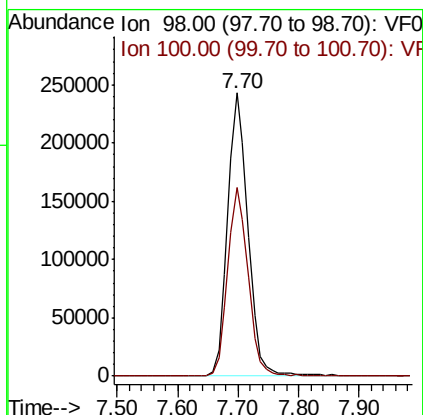
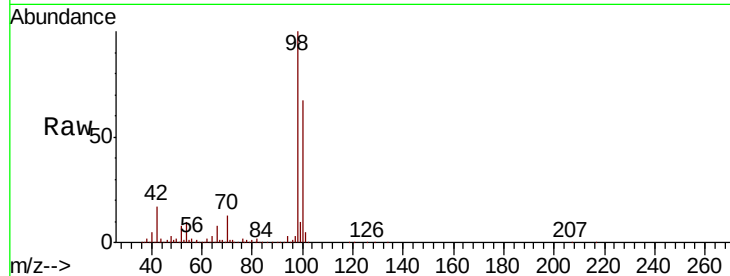




#50
Toluene-d8
Concen: 46.384 ug/l
RT: 7.70 min Scan# 717
Delta R.T. 0.01 min
Lab File: VF060438.D
Acq: 4 Oct 2018 16:12

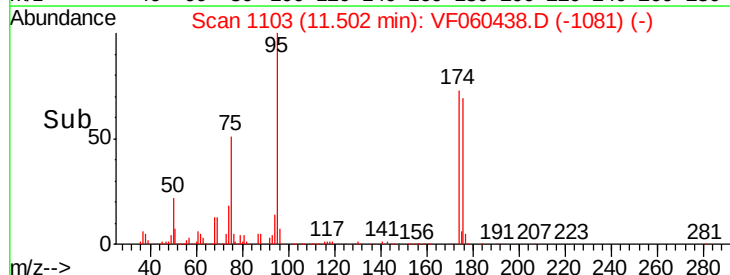
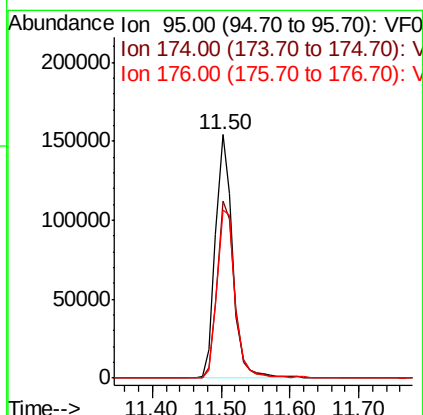
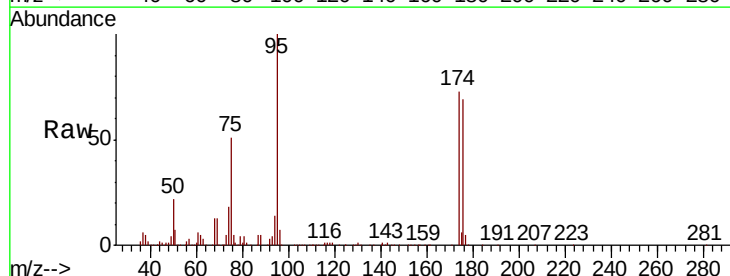
Instrument :
MSVOA_F
ClientSampleId :
VF1004SBL01

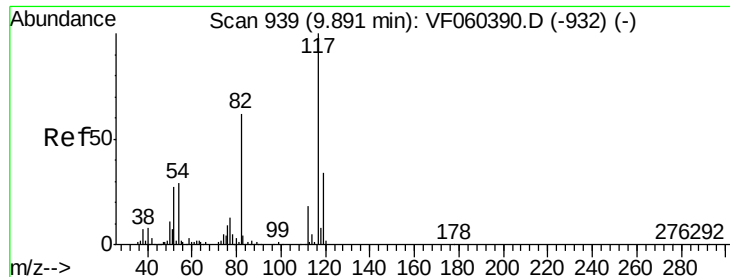
Tot Ion: 98 Resp: 568916
Ion Ratio Lower Upper
98 100
100 66.6 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 47.596 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060438.D
Acq: 4 Oct 2018 16:12

Tgt Ion: 95 Resp: 266555
Ion Ratio Lower Upper
95 100
174 72.9 0.0 129.0
176 69.1 0.0 125.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF060438.D

Acq: 4 Oct 2018 16:12

Instrument :

MSVOA_F

ClientSampleId :

VF1004SBL01

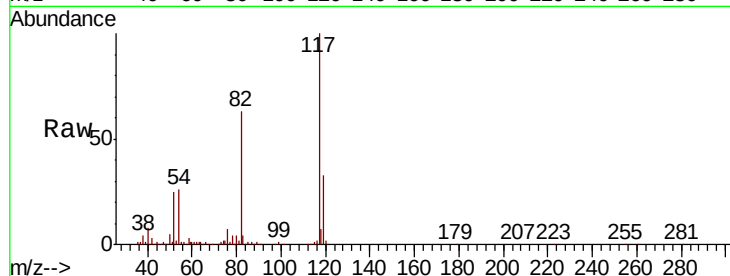
Tot Ion:117 Resp: 474474

Ion Ratio Lower Upper

117 100

82 62.5 49.5 74.3

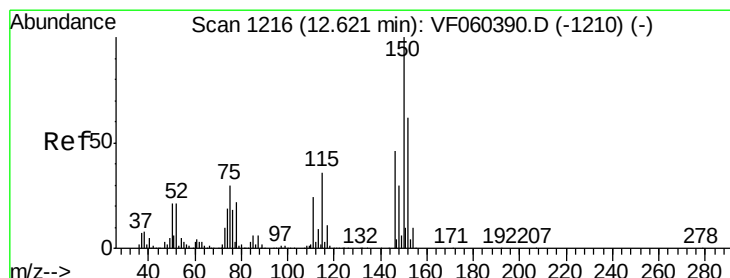
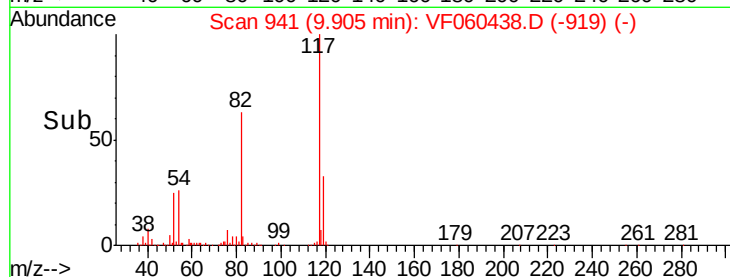
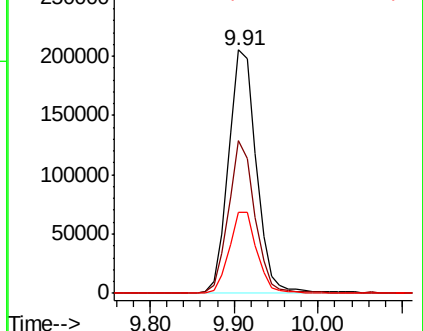
119 33.2 27.0 40.6



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. 0.00 min

Lab File: VF060438.D

Acq: 4 Oct 2018 16:12

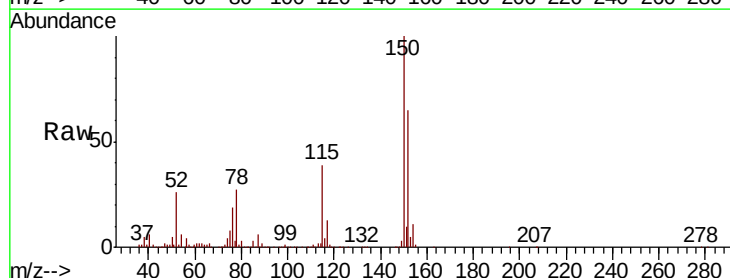
Tgt Ion:152 Resp: 272296

Ion Ratio Lower Upper

152 100

115 60.8 28.6 85.8

150 154.4 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

