

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060447.D
 Acq On : 4 Oct 2018 20:28
 Operator : VA/AP
 Sample : J5218-03
 Misc : 4.53/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 229-211-RBR250129

Quant Time: Oct 05 14:32:39 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	5.02	168	96222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	113518	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	15726	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	15802	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	124450	82.66	ug/l	0.02
Spiked Amount						
			Recovery	=	165.32%	
35) Dibromofluoromethane	4.27	113	141545	132.73	ug/l	0.00
Spiked Amount						
			Recovery	=	265.46%	
50) Toluene-d8	7.70	98	11504	4.38	ug/l	0.02
Spiked Amount						
			Recovery	=	8.76%	
62) 4-Bromofluorobenzene	11.50	95	43226	36.05	ug/l	0.02
Spiked Amount						
			Recovery	=	72.10%	

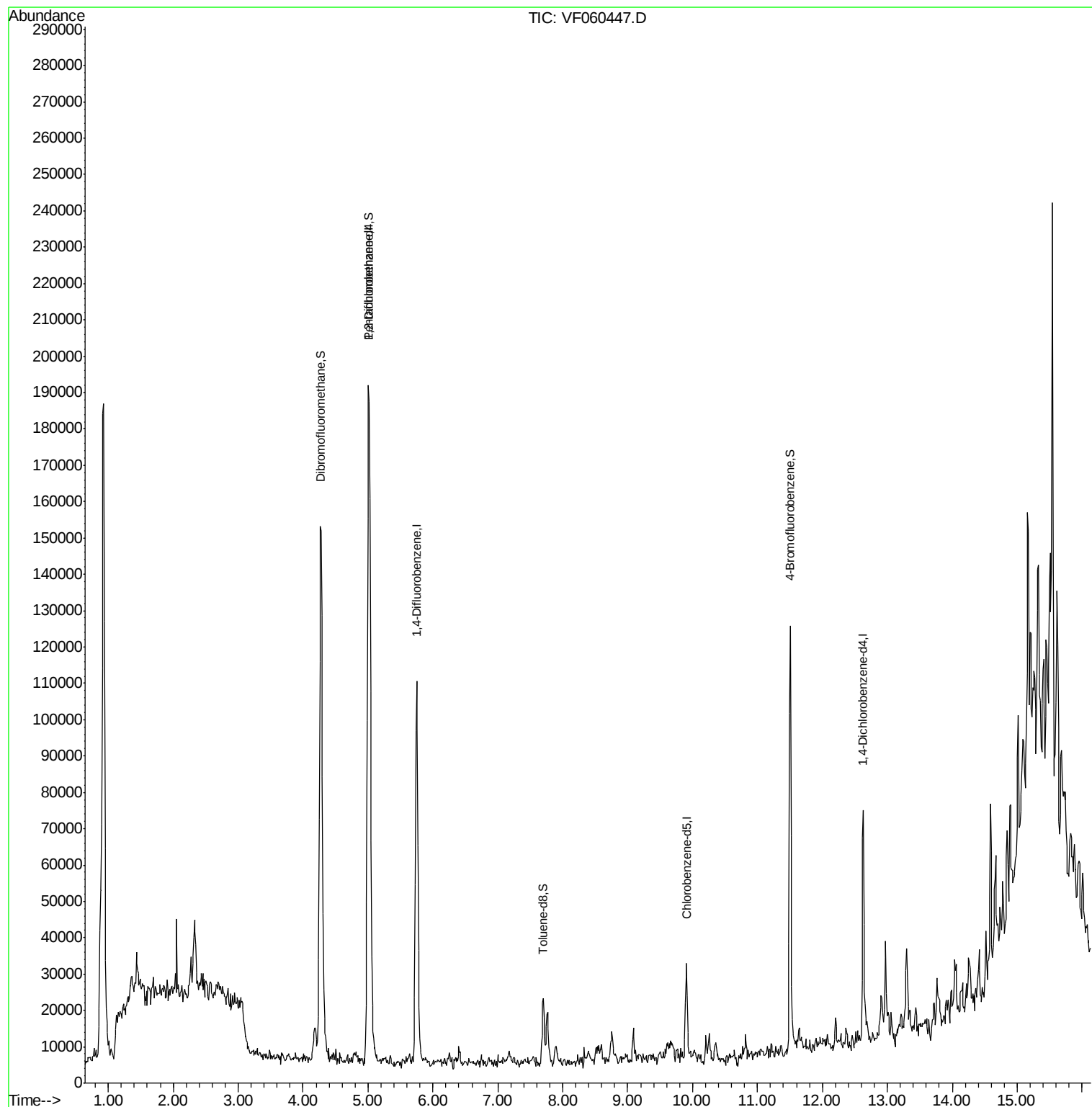
Target Compounds	Qvalue
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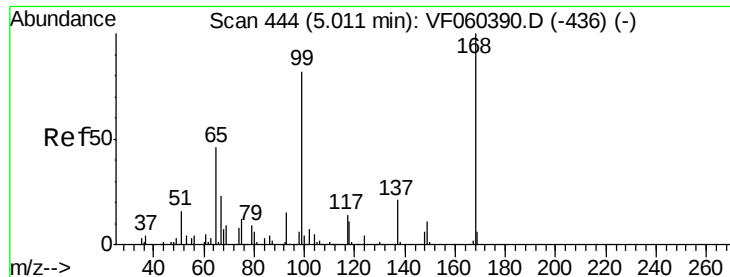
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060447.D

Acq: 4 Oct 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

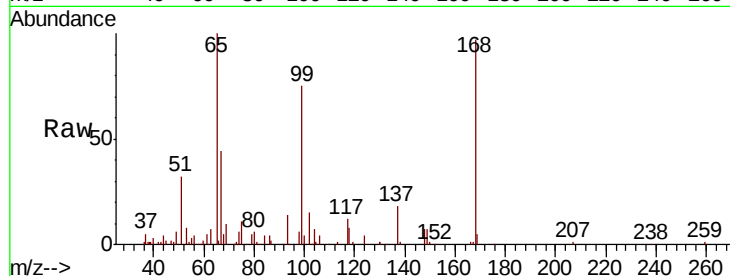
229-211-RBR250129

Tot Ion:168 Resp: 96222

Ion Ratio Lower Upper

168 100

99 76.6 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

30000

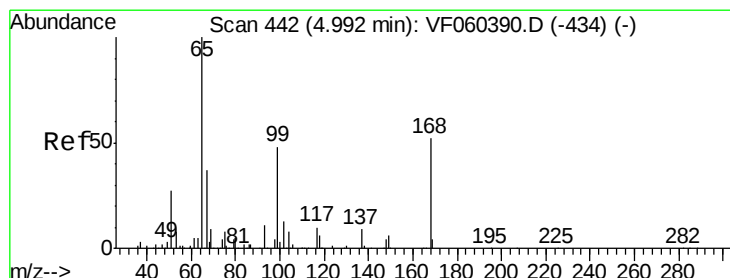
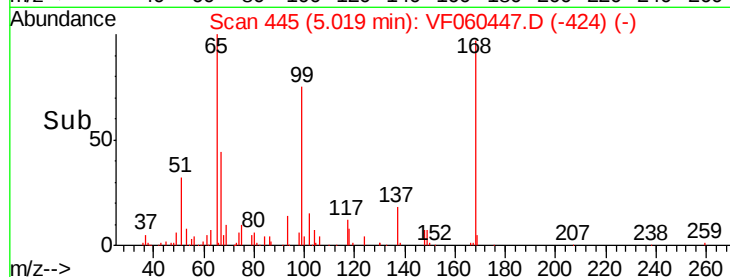
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 82.655 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.02 min

Lab File: VF060447.D

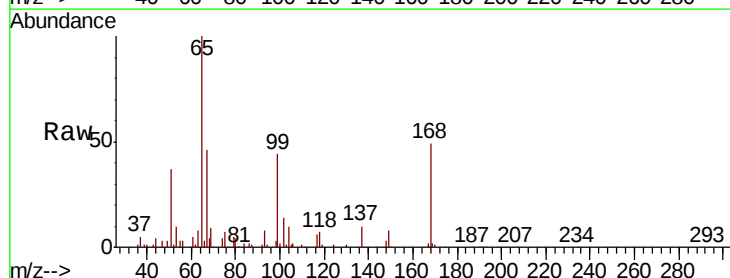
Acq: 4 Oct 2018 20:28

Tgt Ion: 65 Resp: 124450

Ion Ratio Lower Upper

65 100

67 45.6 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

50000

40000

30000

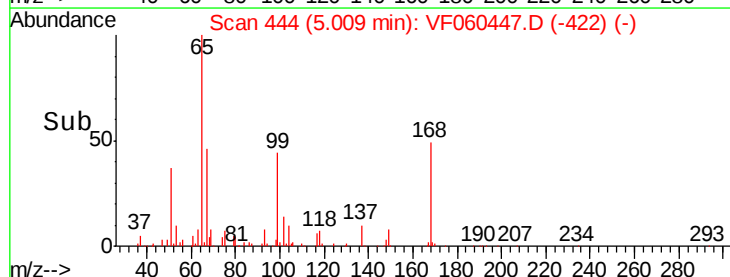
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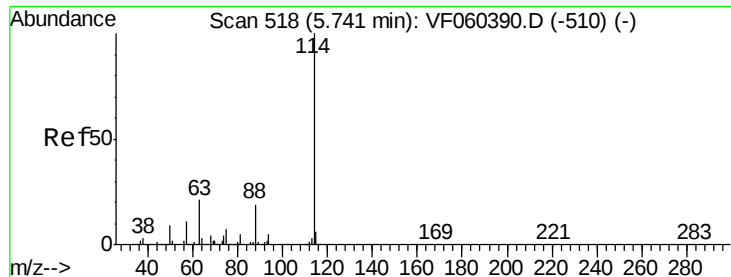
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060447.D

Acq: 4 Oct 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

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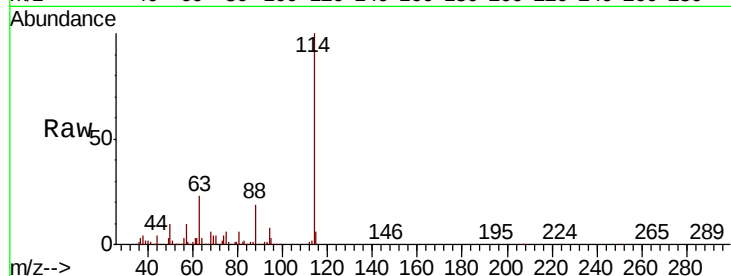
Tot Ion:114 Resp: 113518

Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

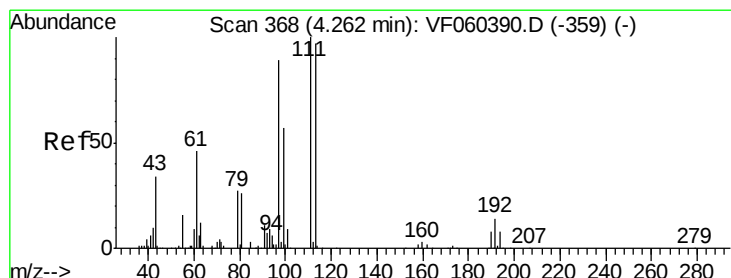
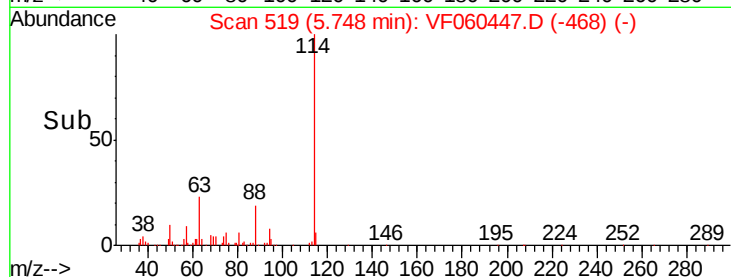
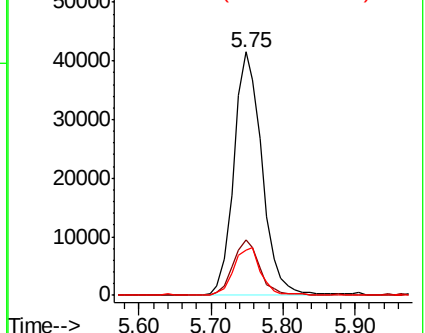
88 18.8 0.0 38.8



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: 132.728 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060447.D

Acq: 4 Oct 2018 20:28

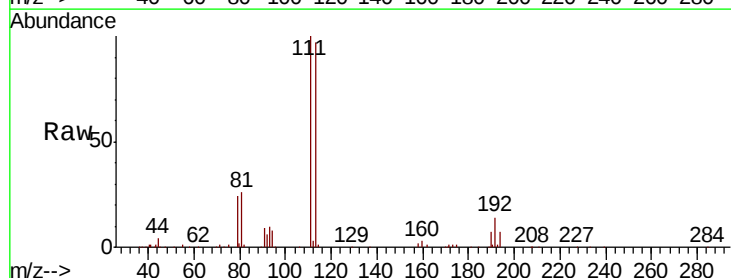
Tgt Ion:113 Resp: 141545

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

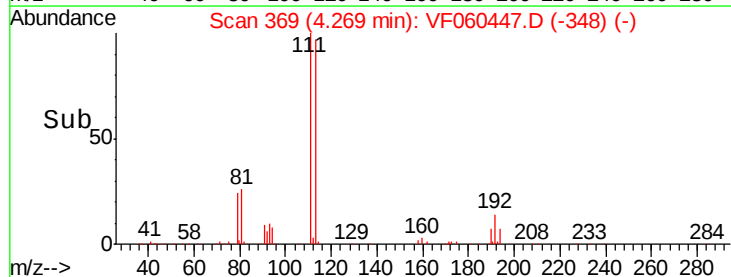
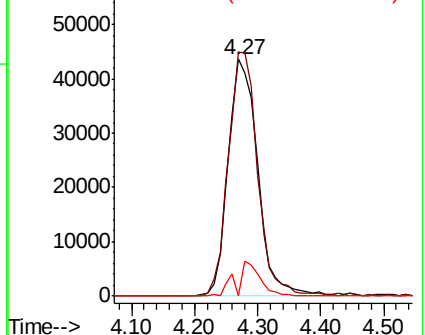
192 0.0 11.8 17.6#

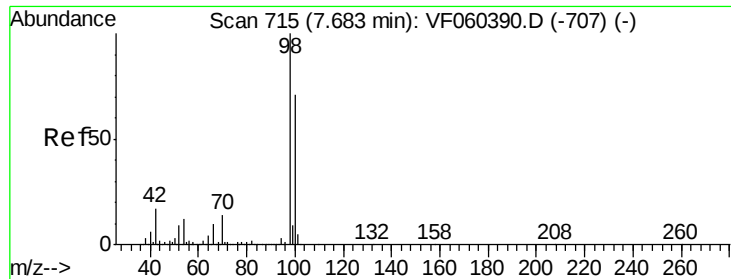


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

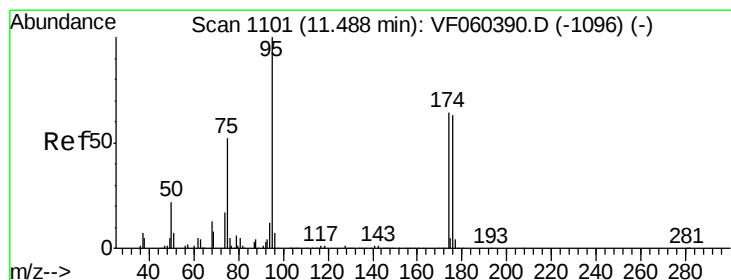
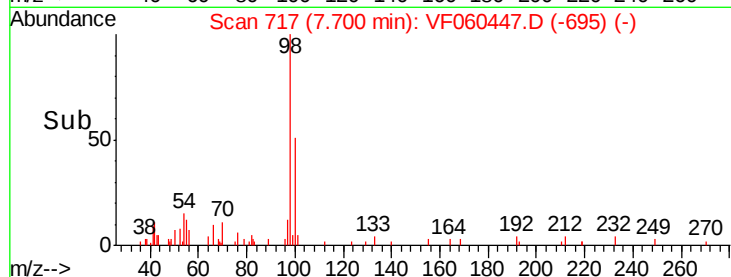
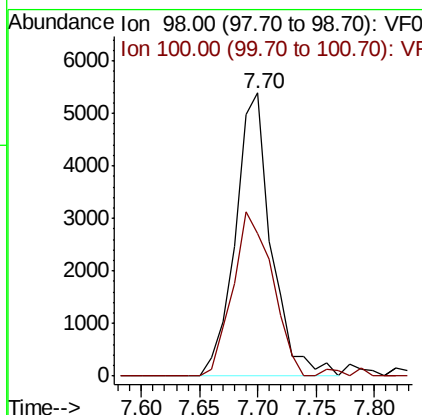
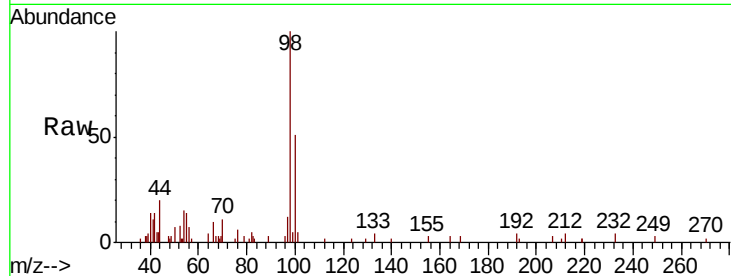




#50
Toluene-d8
Concen: 4.380 ug/l
RT: 7.70 min Scan# 717
Delta R.T. 0.02 min
Lab File: VF060447.D
Acq: 4 Oct 2018 20:28

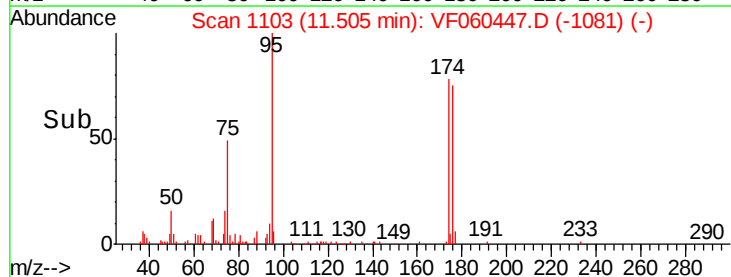
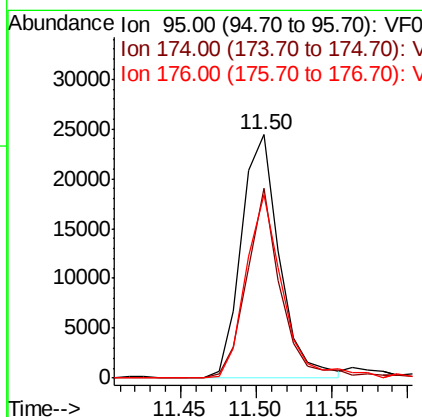
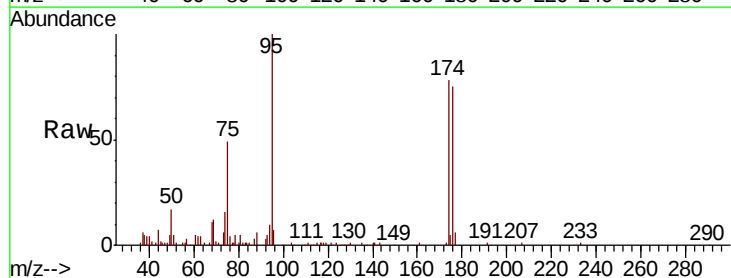
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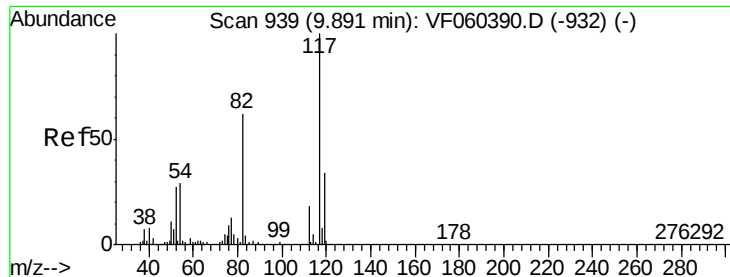
Tot Ion: 98 Resp: 11504
Ion Ratio Lower Upper
98 100
100 50.6 56.5 84.7#



#62
4-Bromofluorobenzene
Concen: 36.046 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.02 min
Lab File: VF060447.D
Acq: 4 Oct 2018 20:28

Tgt Ion: 95 Resp: 43226
Ion Ratio Lower Upper
95 100
174 77.9 0.0 129.0
176 75.5 0.0 125.6

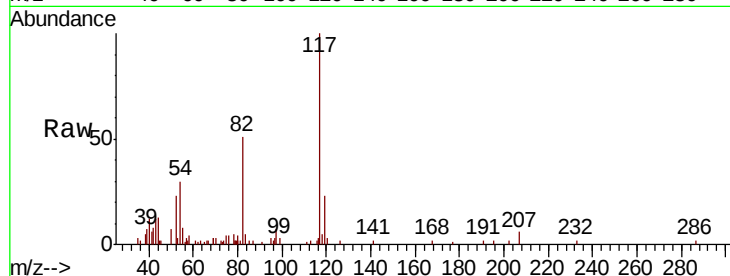




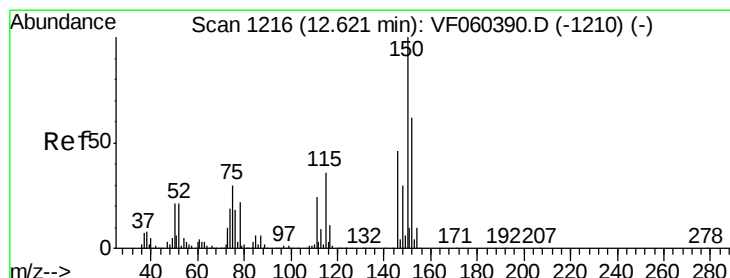
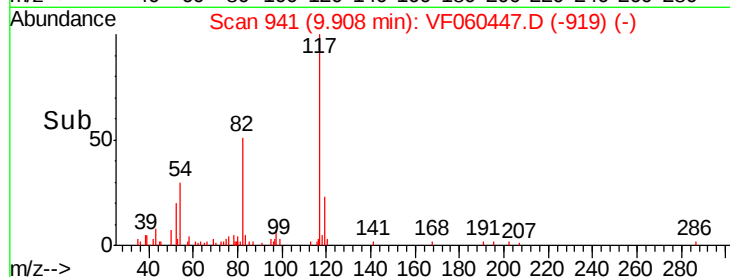
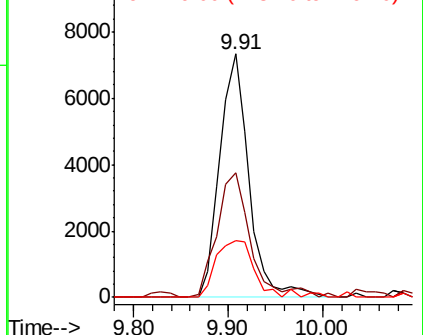
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF060447.D
Acq: 4 Oct 2018 20:28

Instrument :
MSVOA_F
ClientSampleId :
229-211-RBR250129

Tot Ion:117 Resp: 15726
Ion Ratio Lower Upper
117 100
82 51.3 49.5 74.3
119 23.4 27.0 40.6#

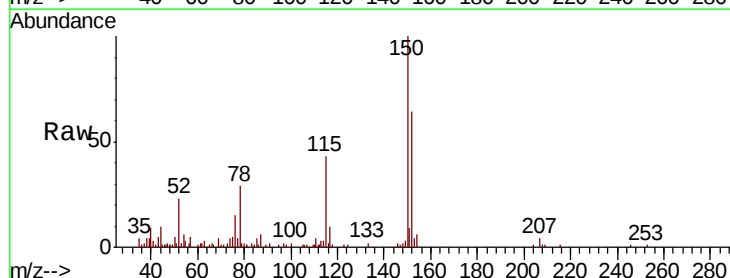


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060447.D
Acq: 4 Oct 2018 20:28

Tgt Ion:152 Resp: 15802
Ion Ratio Lower Upper
152 100
115 66.9 28.6 85.8
150 156.8 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

