

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060483.D
 Acq On : 8 Oct 2018 14:36
 Operator : VA/AP
 Sample : J5084-10RE
 Misc : 6.04/5mL/MSVOA_F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-12(7-7.5)RE

Quant Time: Oct 09 01:57:09 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	5.00	168	258922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.72	114	415106	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	350401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	210307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.97	65	154742	38.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	76.38%	
35) Dibromofluoromethane	4.24	113	174806	44.83	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	7.67	98	323600	33.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.38%	
62) 4-Bromofluorobenzene	11.48	95	165060	37.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.28%	

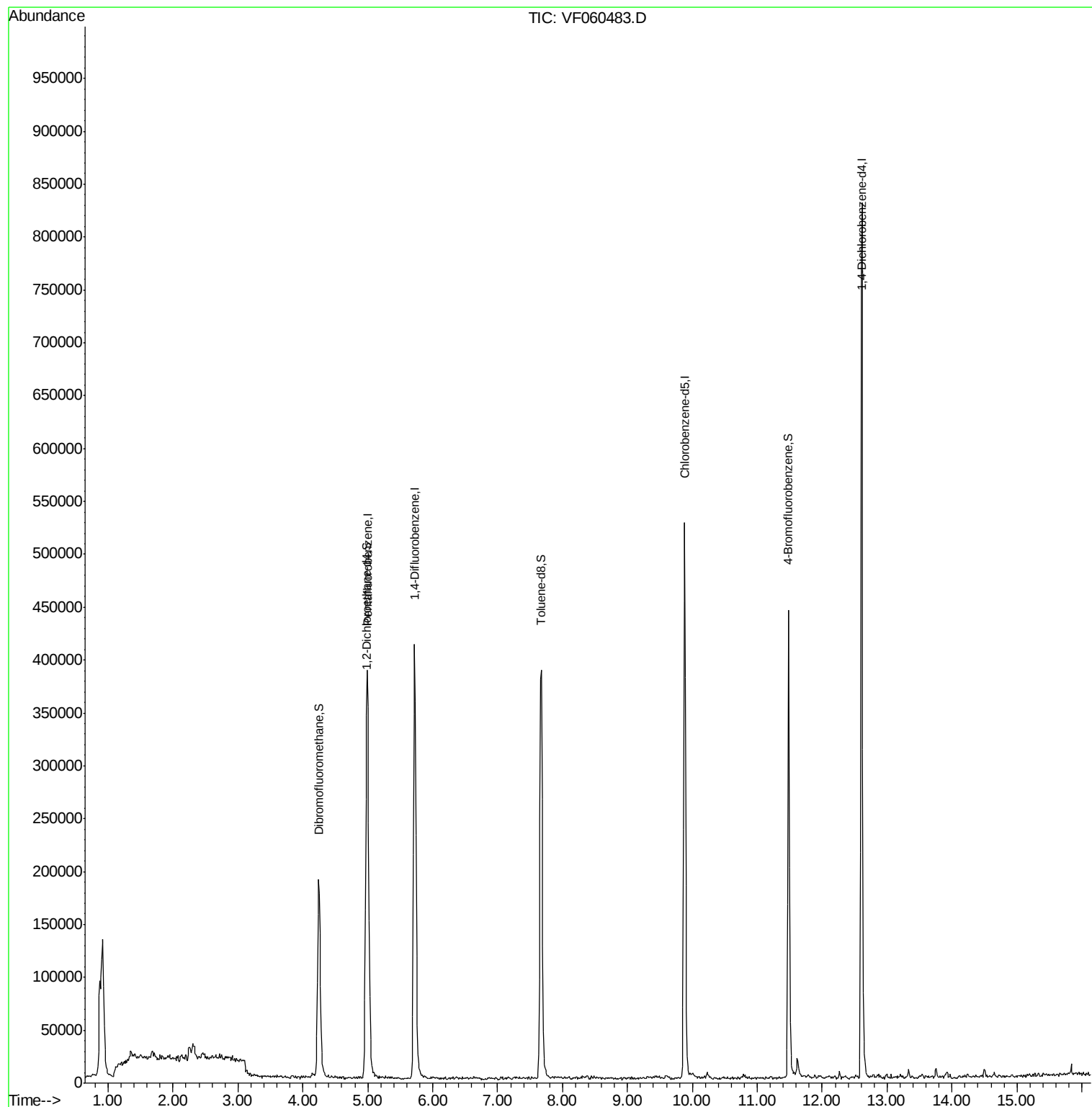
Target Compounds	Qvalue

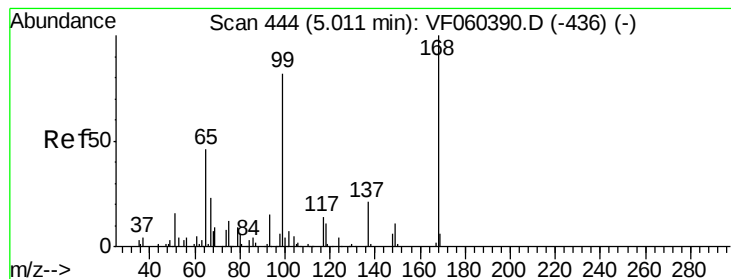
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

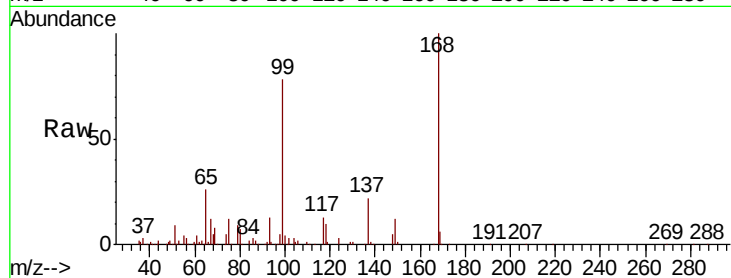
B-12(7-7.5)RE

Tgt Ion:168 Resp: 258922

Ion Ratio Lower Upper

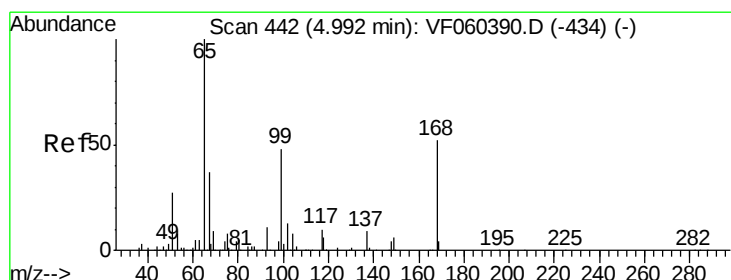
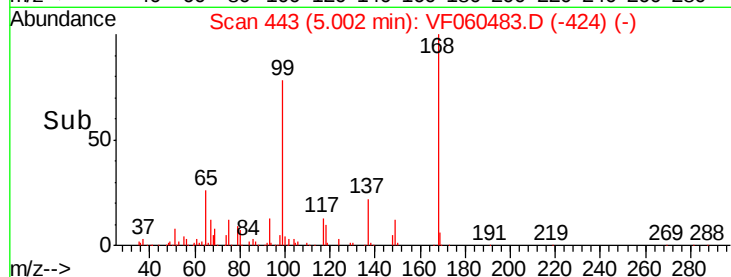
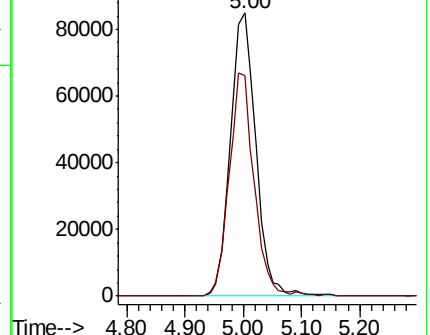
168 100

99 78.1 65.3 97.9



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: 38.193 ug/l

RT: 4.97 min Scan# 440

Delta R.T. -0.02 min

Lab File: VF060483.D

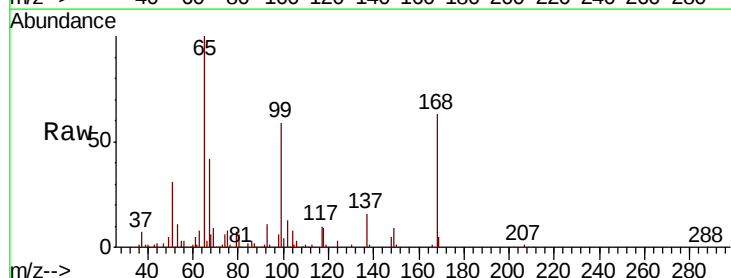
Acq: 8 Oct 2018 14:36

Tgt Ion: 65 Resp: 154742

Ion Ratio Lower Upper

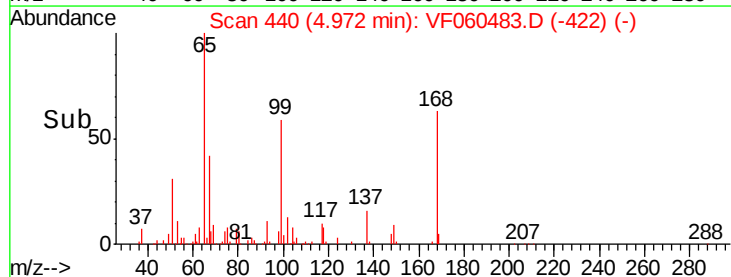
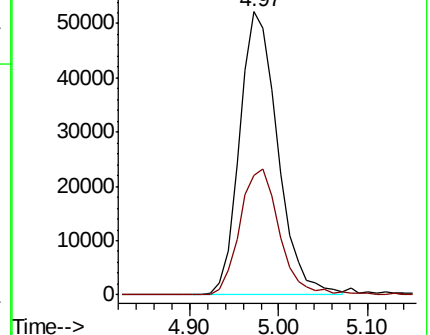
65 100

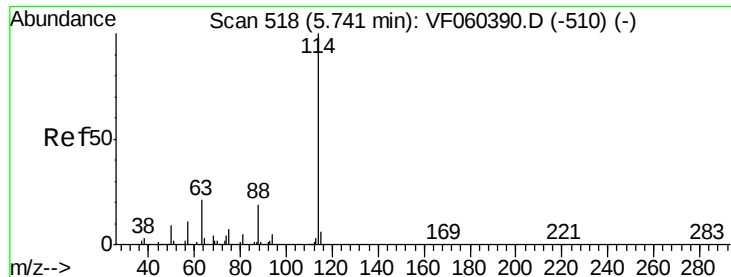
67 42.3 0.0 89.4



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: 5.72 min Scan# 516

Delta R.T. -0.02 min

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Acq: 8 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

B-12(7-7.5)RE

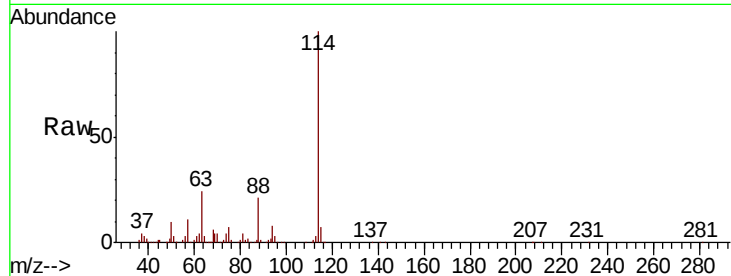
Tgt Ion:114 Resp: 415106

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

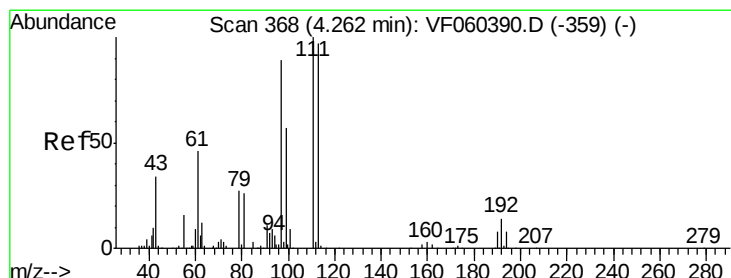
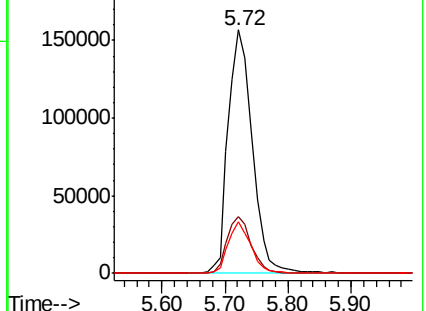
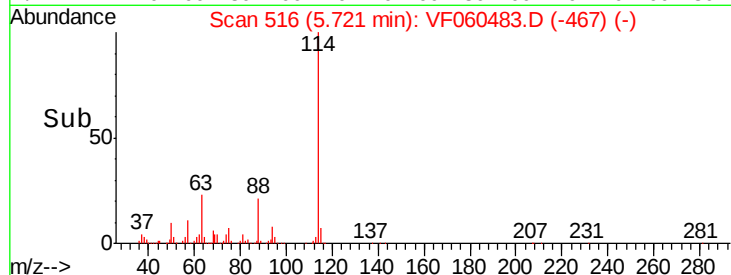
88 21.2 0.0 38.8



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: 44.826 ug/l

RT: 4.24 min Scan# 366

Delta R.T. -0.02 min

Lab File: VF060483.D

Acq: 8 Oct 2018 14:36

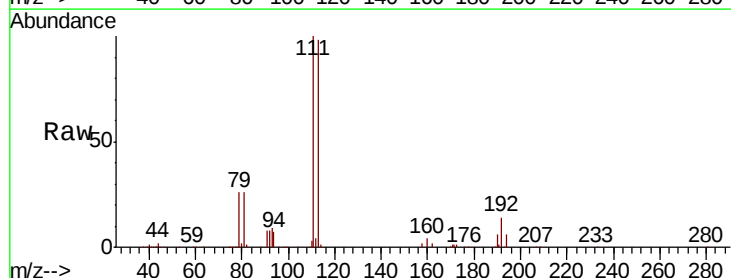
Tgt Ion:113 Resp: 174806

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

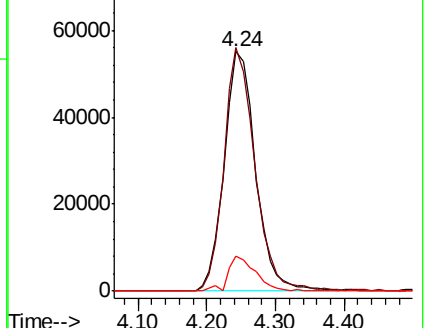
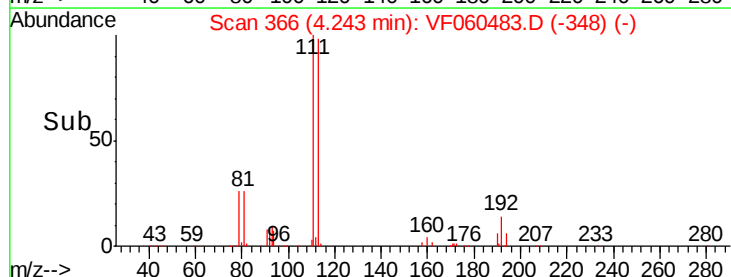
192 14.4 11.8 17.6

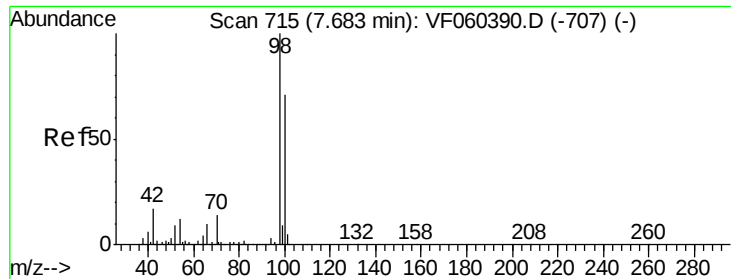


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

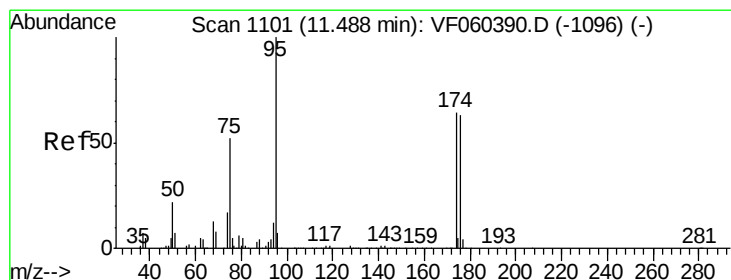
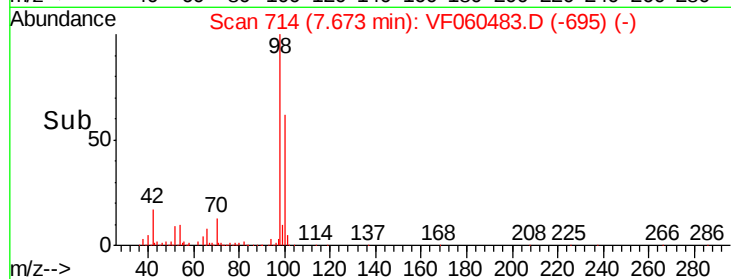
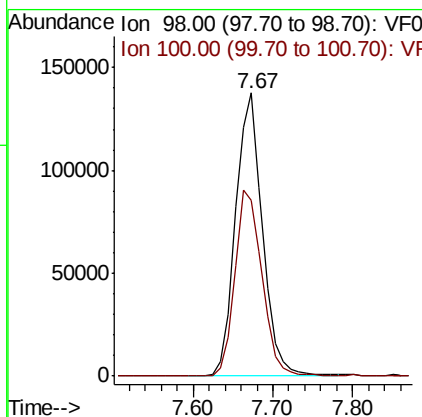
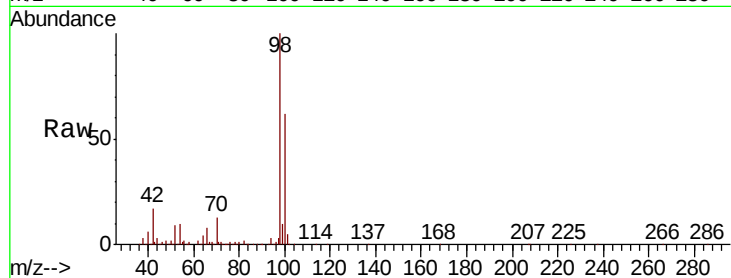




#50
Toluene-d8
Concen: 33.694 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060483.D
Acq: 8 Oct 2018 14:36

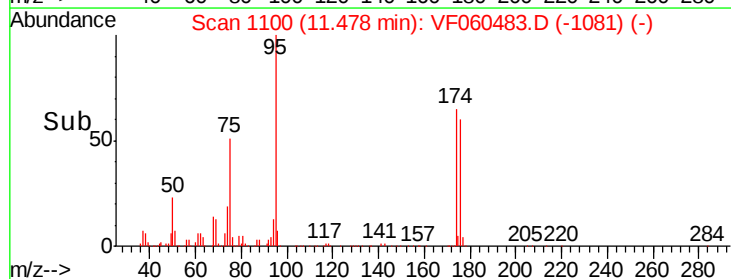
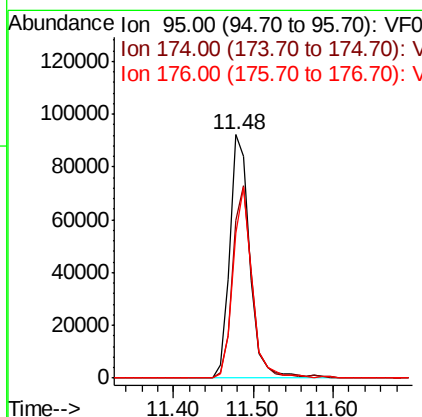
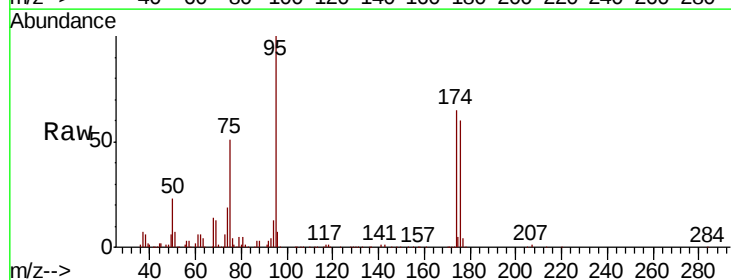
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B-12(7-7.5)RE

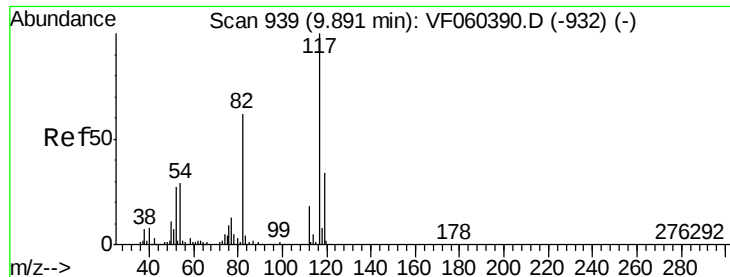
Tgt Ion: 98 Resp: 323600
Ion Ratio Lower Upper
98 100
100 62.1 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 37.640 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. -0.01 min
Lab File: VF060483.D
Acq: 8 Oct 2018 14:36

Tgt Ion: 95 Resp: 165060
Ion Ratio Lower Upper
95 100
174 64.7 0.0 129.0
176 59.8 0.0 125.6

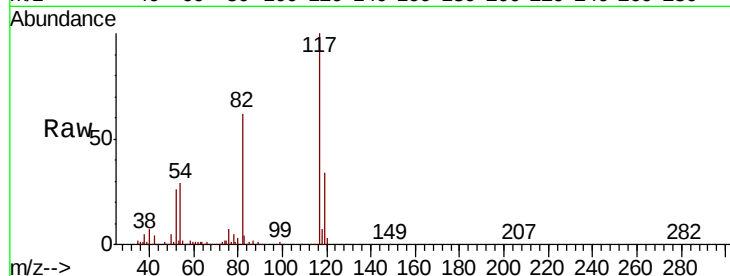




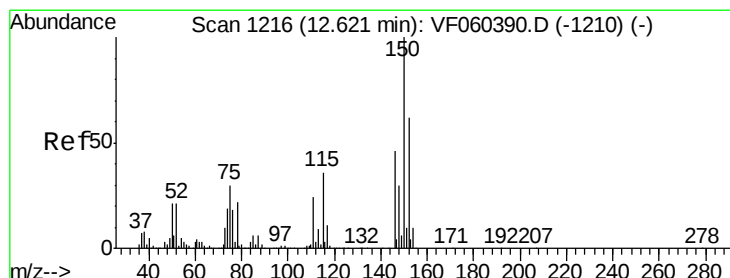
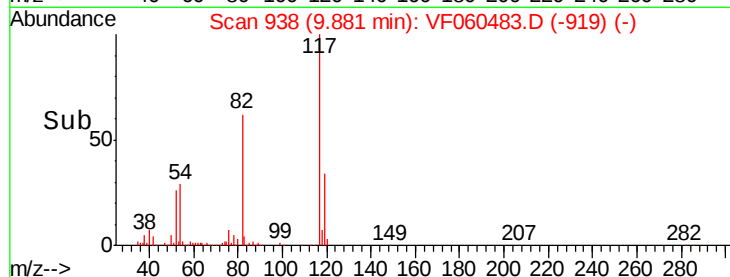
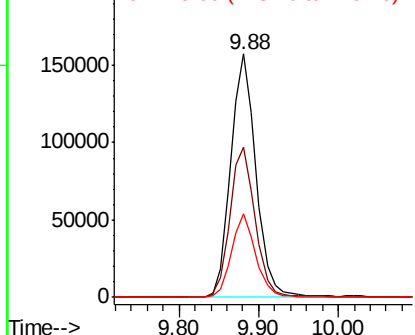
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: VF060483.D
Acq: 8 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
B-12(7-7.5)RE

Tgt Ion:117 Resp: 350401
Ion Ratio Lower Upper
117 100
82 61.6 49.5 74.3
119 34.2 27.0 40.6

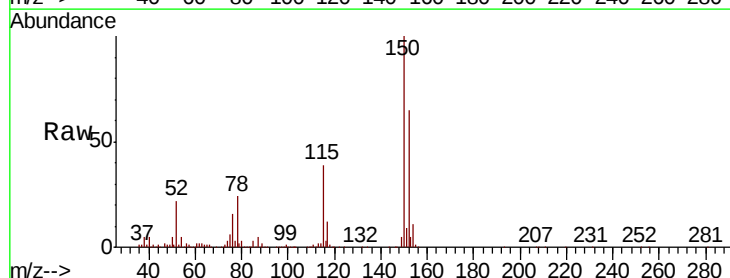


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060483.D
Acq: 8 Oct 2018 14:36

Tgt Ion:152 Resp: 210307
Ion Ratio Lower Upper
152 100
115 59.3 28.6 85.8
150 153.9 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

