

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060454.D
 Acq On : 4 Oct 2018 23:39
 Operator : VA/AP
 Sample : J5179-01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T2-GRAVEL

Quant Time: Oct 05 01:59:28 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	312376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	510759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	433441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	242238	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	171754	35.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.28%	
35) Dibromofluoromethane	4.27	113	180998	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
50) Toluene-d8	7.69	98	395025	33.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.86%	
62) 4-Bromofluorobenzene	11.49	95	181415	33.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.24%	

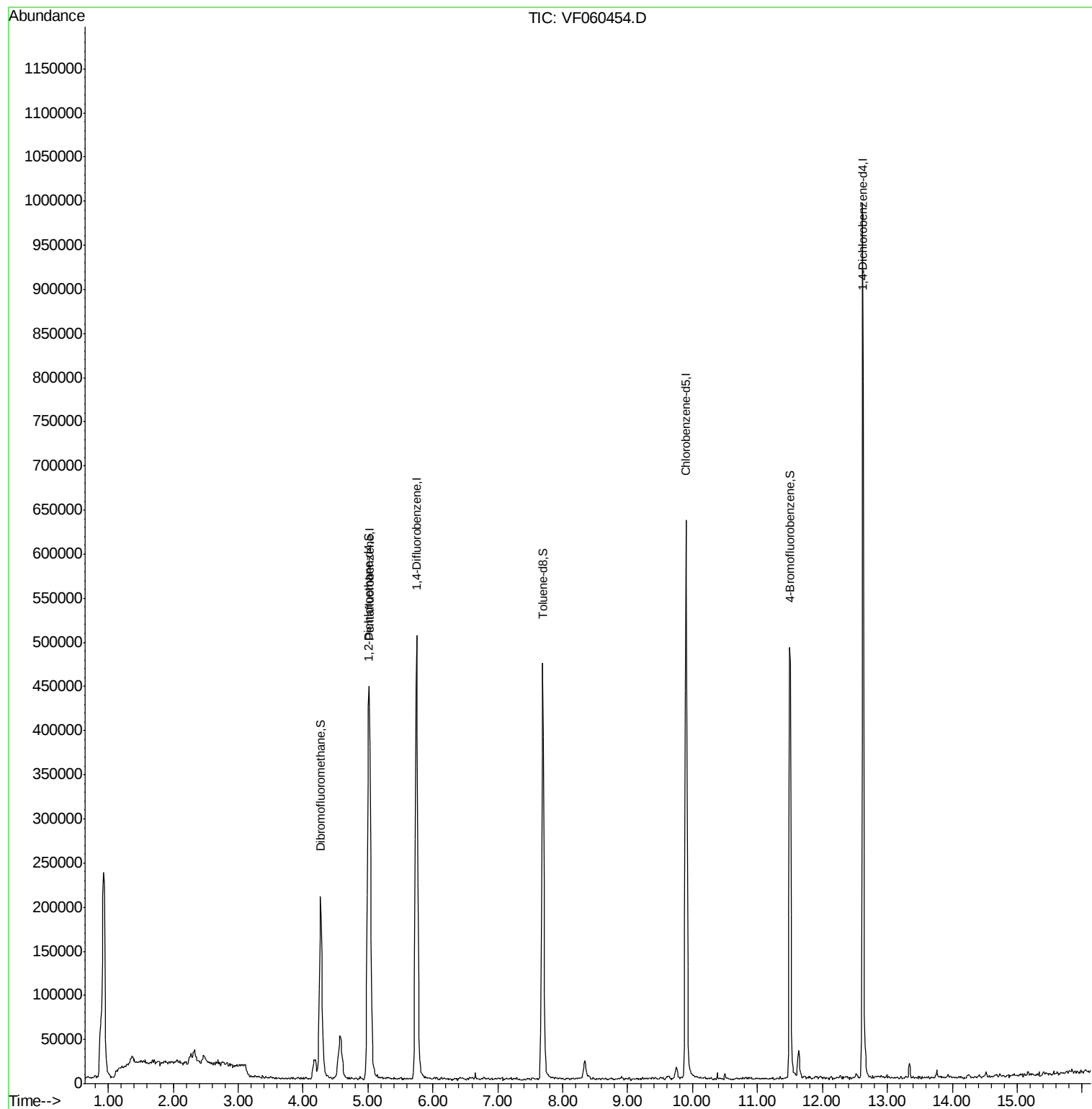
Target Compounds	Qvalue

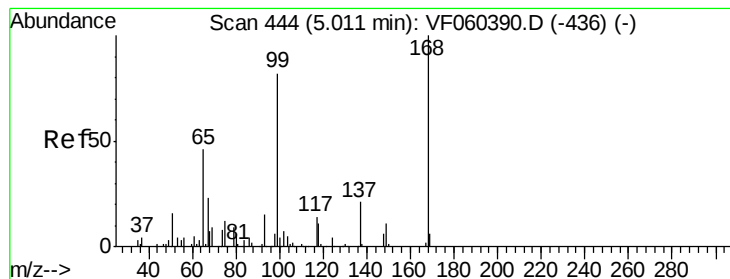
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VF060454.D

Acq: 4 Oct 2018 23:39

Instrument :

MSVOA_F

ClientSampleId :

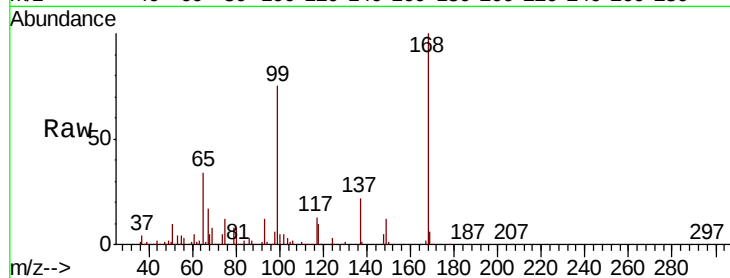
T2-GRAVEL

Tot Ion:168 Resp: 312376

Ion Ratio Lower Upper

168 100

99 75.2 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

120000

100000

80000

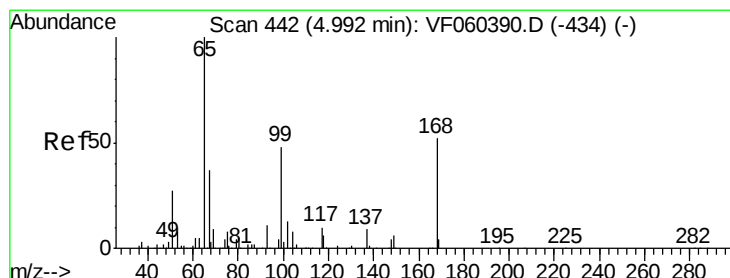
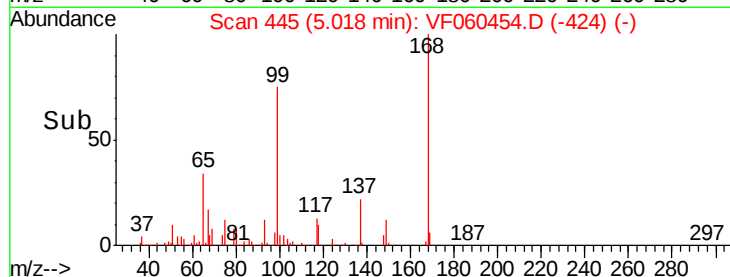
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 35.138 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060454.D

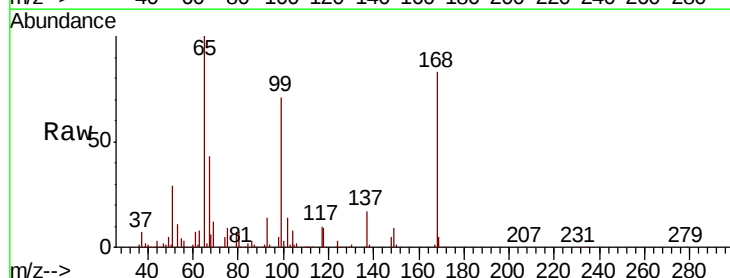
Acq: 4 Oct 2018 23:39

Tgt Ion: 65 Resp: 171754

Ion Ratio Lower Upper

65 100

67 43.0 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

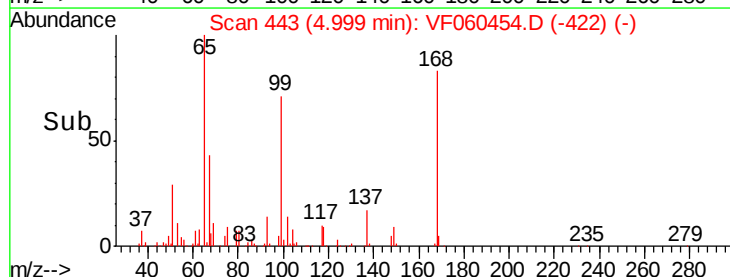
60000

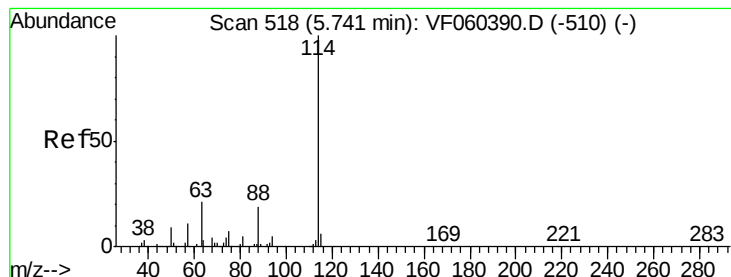
40000

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: VF060454.D

Acq: 4 Oct 2018 23:39

Instrument :

MSVOA_F

ClientSampleId :

T2-GRAVEL

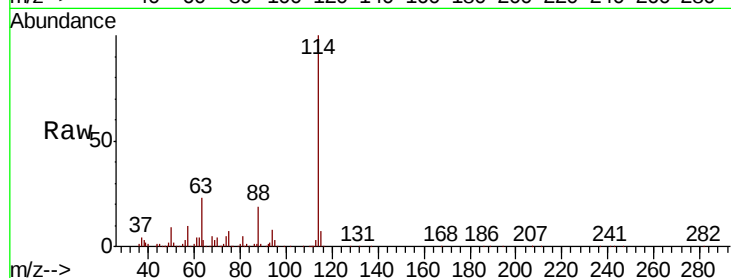
Tot Ion:114 Resp: 510759

Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

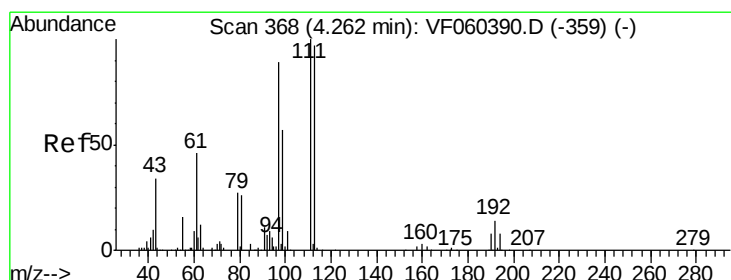
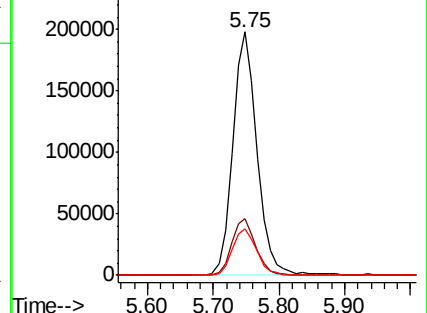
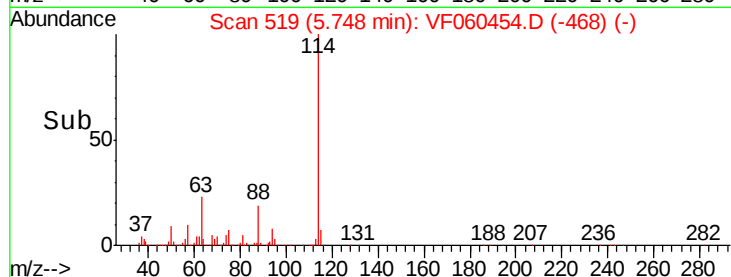
88 19.0 0.0 38.8



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: 37.722 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060454.D

Acq: 4 Oct 2018 23:39

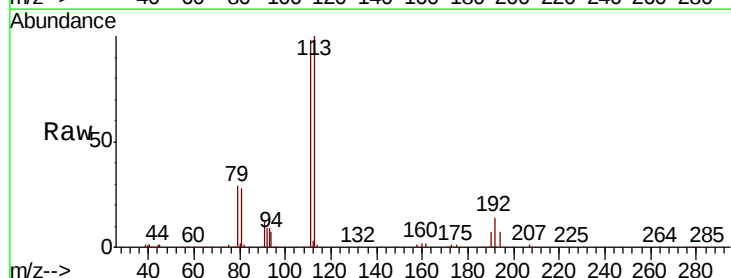
Tgt Ion:113 Resp: 180998

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

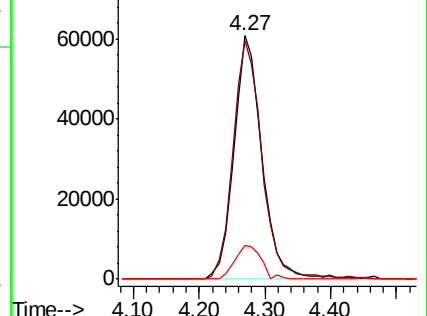
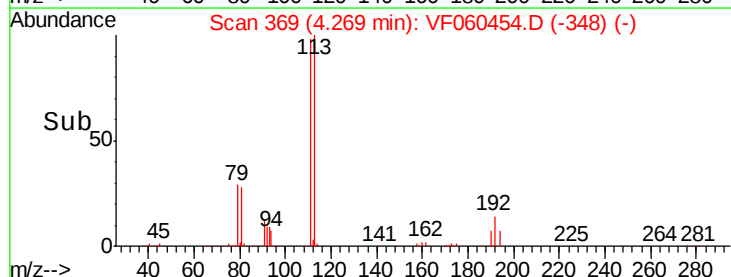
192 14.0 11.8 17.6

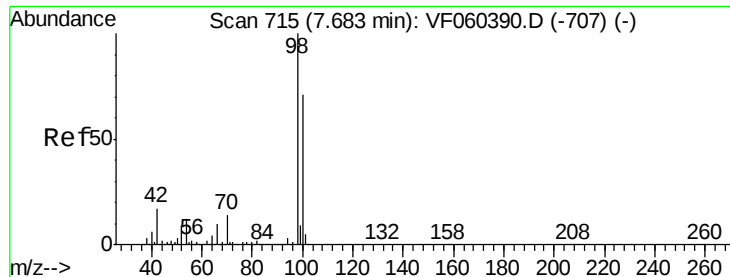


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.428 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060454.D

Acq: 4 Oct 2018 23:39

Instrument :

MSVOA_F

ClientSampleId :

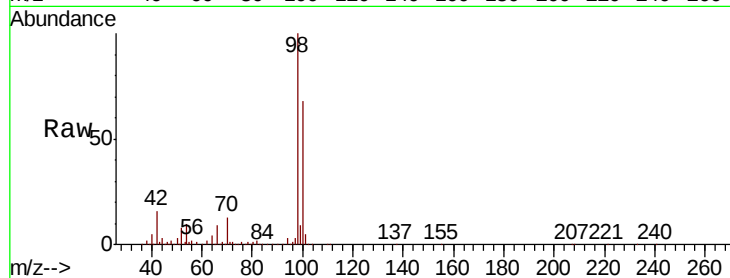
T2-GRAVEL

Tot Ion: 98 Resp: 395025

Ion Ratio Lower Upper

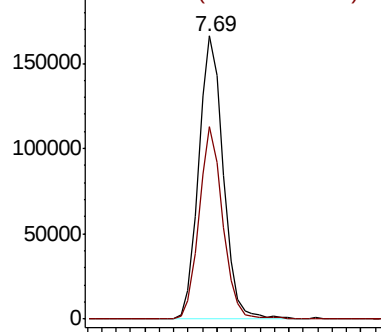
98 100

100 67.9 56.5 84.7

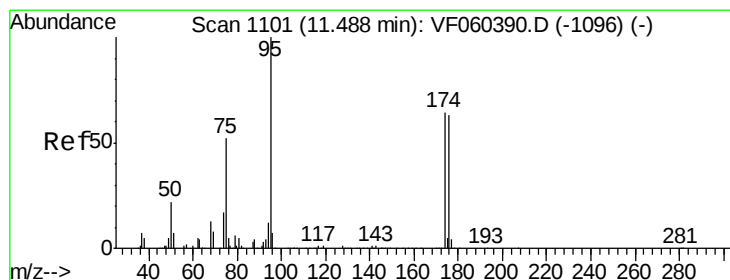
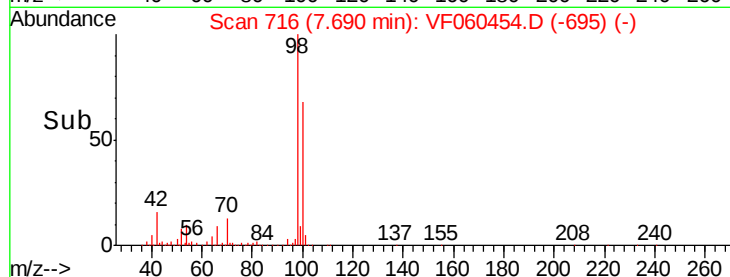


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



Time-->



#62

4-Bromofluorobenzene

Concen: 33.622 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060454.D

Acq: 4 Oct 2018 23:39

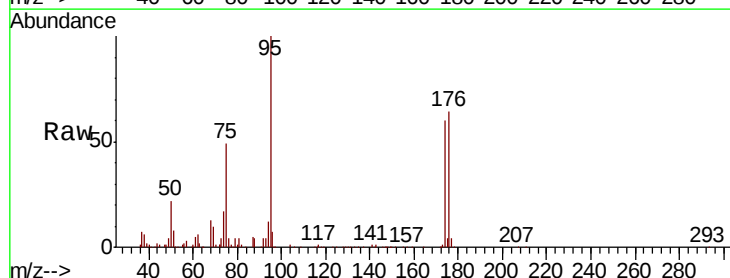
Tgt Ion: 95 Resp: 181415

Ion Ratio Lower Upper

95 100

174 59.7 0.0 129.0

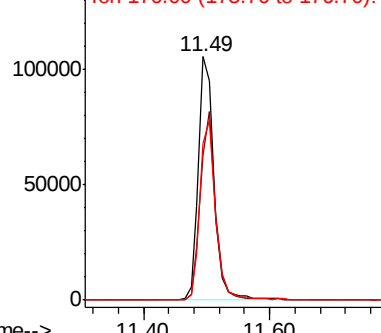
176 64.3 0.0 125.6



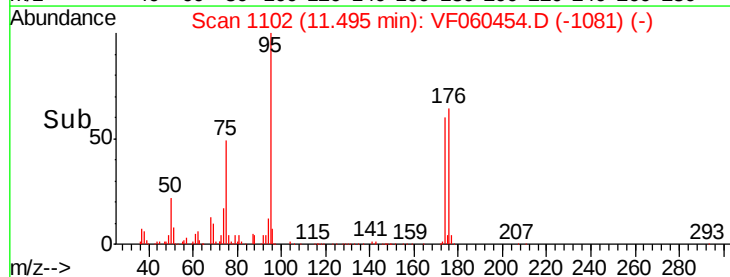
Abundance Ion 95.00 (94.70 to 95.70): VF0

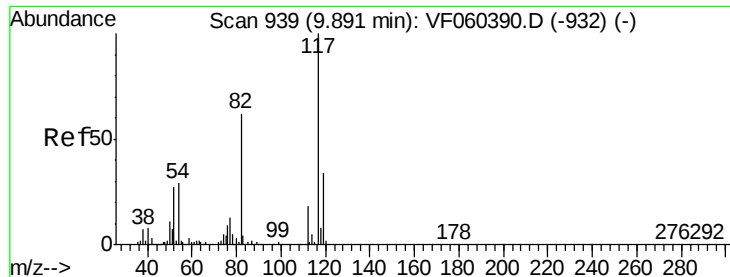
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

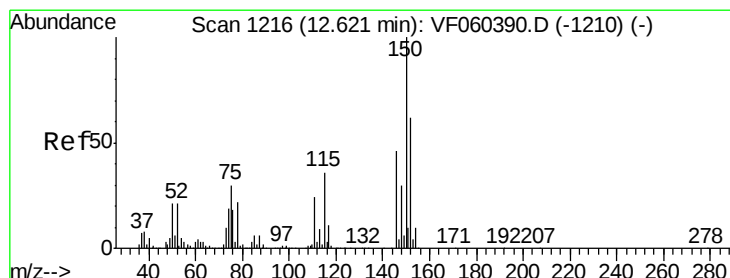
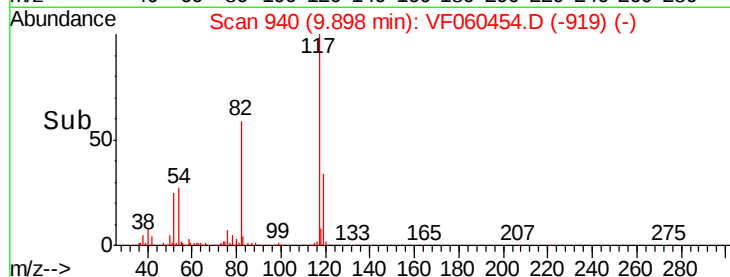
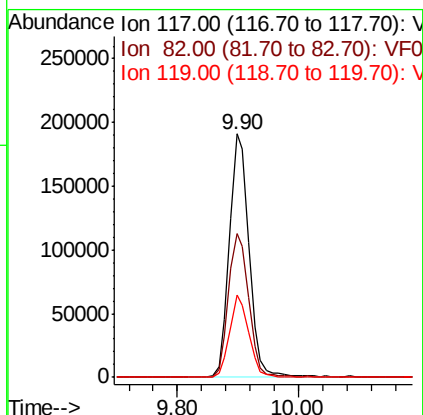
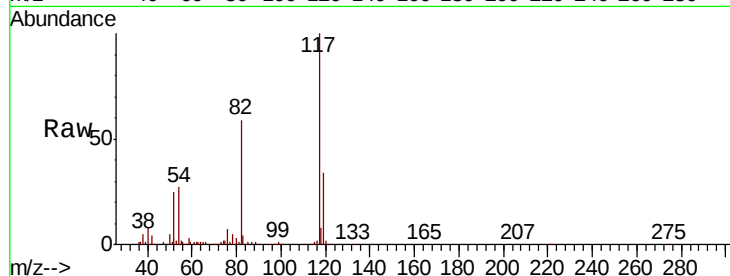




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060454.D
Acq: 4 Oct 2018 23:39

Instrument :
MSVOA_F
ClientSampleId :
T2-GRAVEL

Tot Ion:117 Resp: 433441
Ion Ratio Lower Upper
117 100
82 59.3 49.5 74.3
119 33.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060454.D
Acq: 4 Oct 2018 23:39

Tgt Ion:152 Resp: 242238
Ion Ratio Lower Upper
152 100
115 63.2 28.6 85.8
150 150.8 0.0 324.6

