

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060452.D
 Acq On : 4 Oct 2018 22:45
 Operator : VA/AP
 Sample : J5204-03
 Misc : 6.13/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-100318-B

Quant Time: Oct 05 01:53:58 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	272291	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	471087	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	373992	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	190590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	161477	37.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.80%	
35) Dibromofluoromethane	4.28	113	159744	36.10	ug/l	0.01
Spiked Amount	50.000		Recovery	=	72.20%	
50) Toluene-d8	7.69	98	286351	26.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.54%	
62) 4-Bromofluorobenzene	11.50	95	150701	30.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	60.56%	

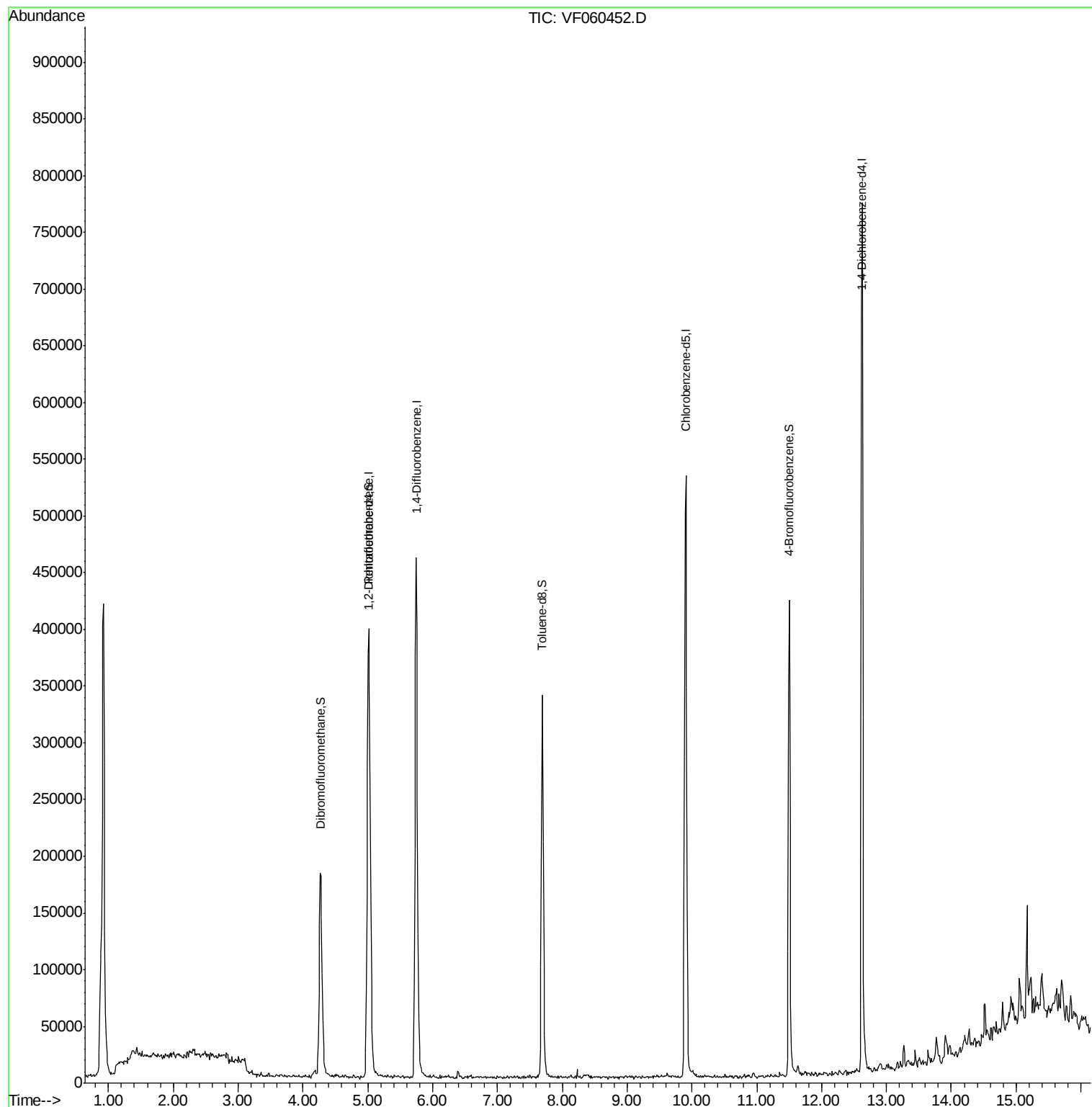
Target Compounds	Qvalue
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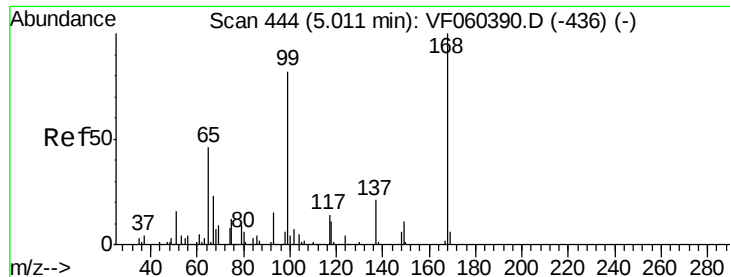
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VF060452.D

Acq: 4 Oct 2018 22:45

Instrument :

MSVOA_F

ClientSampleId :

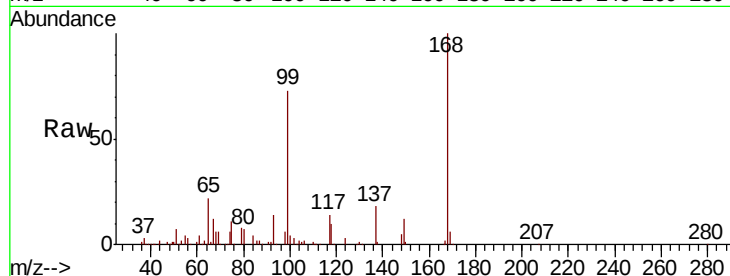
SU-04-100318-B

Tot Ion:168 Resp: 272291

Ion Ratio Lower Upper

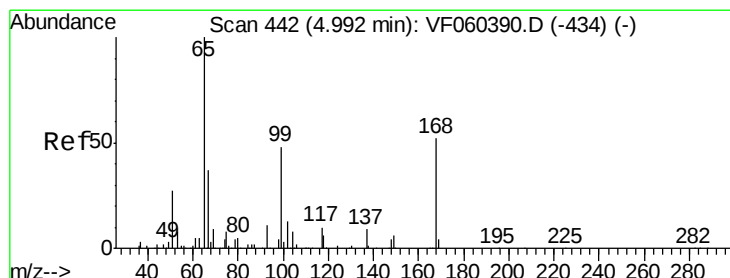
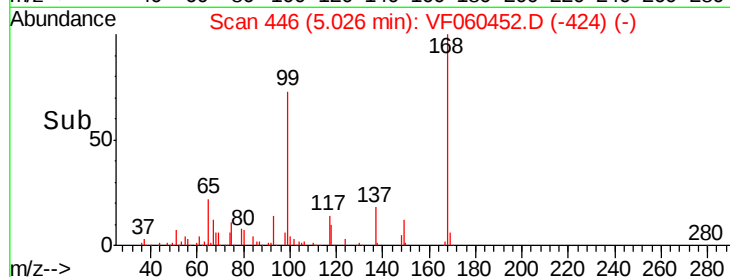
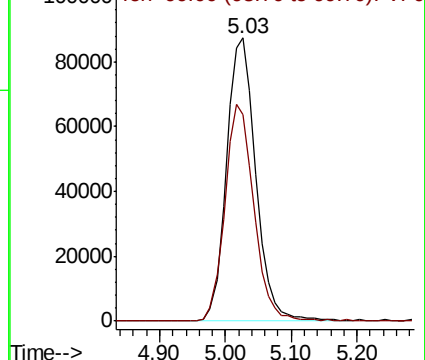
168 100

99 73.1 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: 37.899 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF060452.D

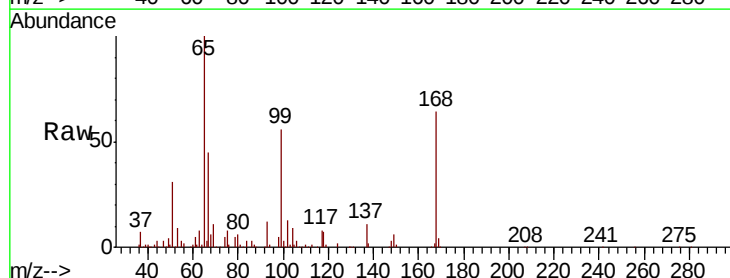
Acq: 4 Oct 2018 22:45

Tgt Ion: 65 Resp: 161477

Ion Ratio Lower Upper

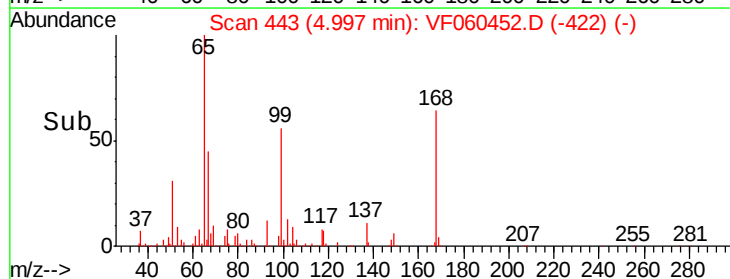
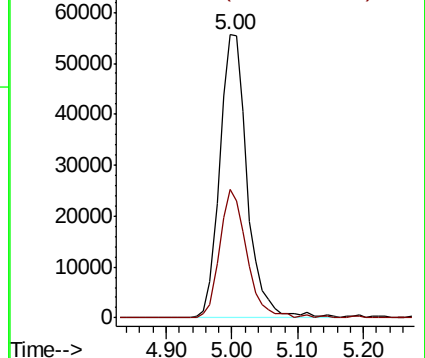
65 100

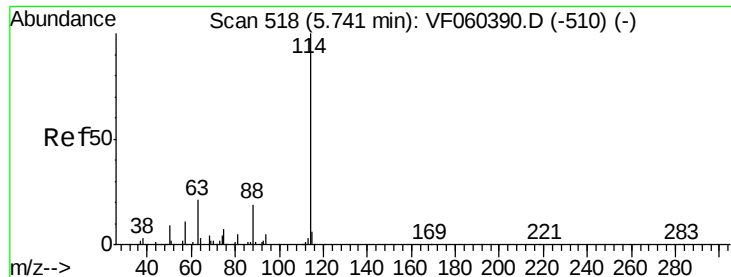
67 45.4 0.0 89.4



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: 5.75 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060452.D

Acq: 4 Oct 2018 22:45

Instrument :

MSVOA_F

ClientSampleId :

SU-04-100318-B

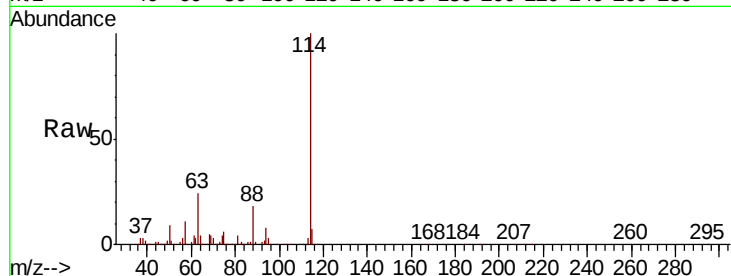
Tot Ion:114 Resp: 471087

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

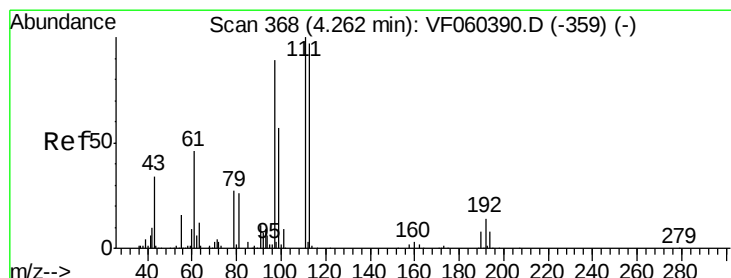
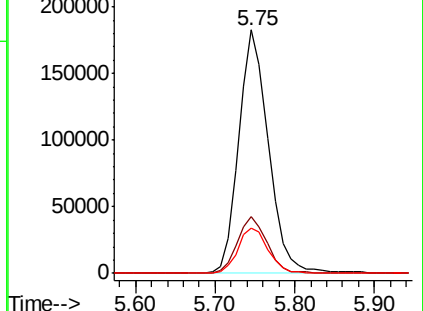
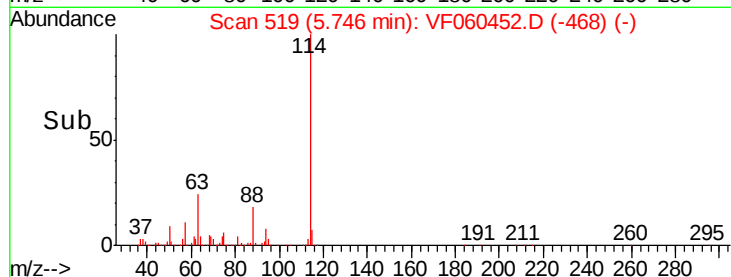
88 18.4 0.0 38.8



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: 36.096 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060452.D

Acq: 4 Oct 2018 22:45

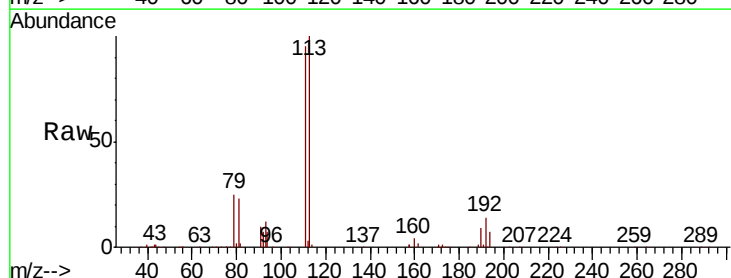
Tgt Ion:113 Resp: 159744

Ion Ratio Lower Upper

113 100

111 94.9 82.3 123.5

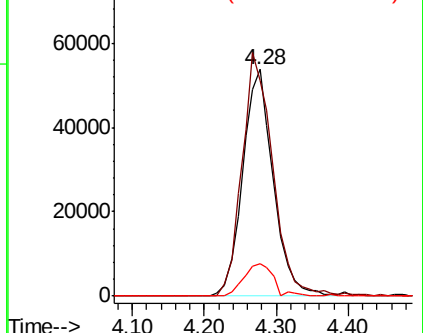
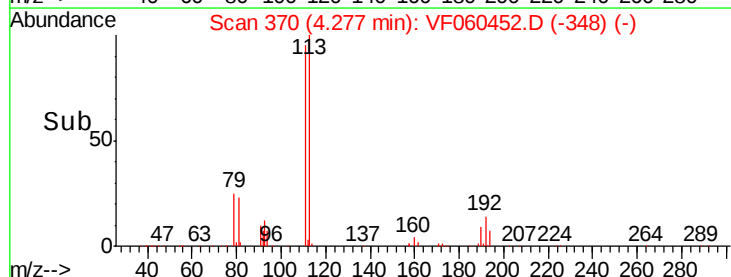
192 14.6 11.8 17.6

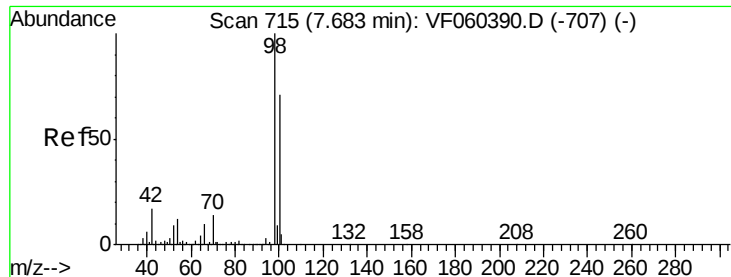


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

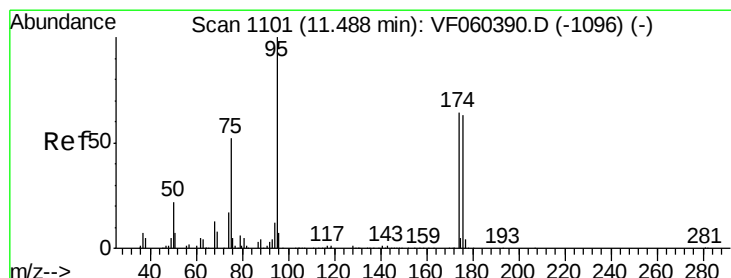
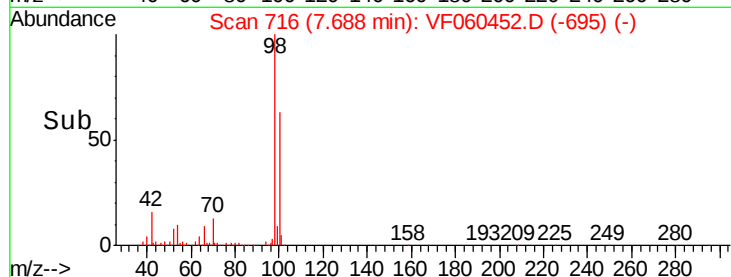
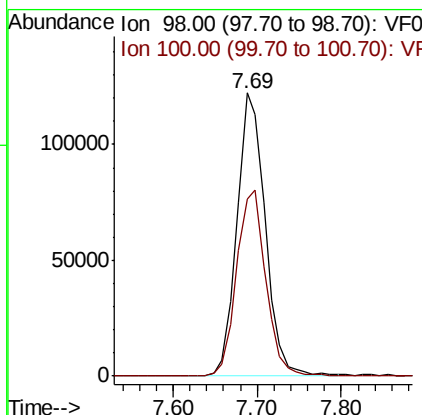
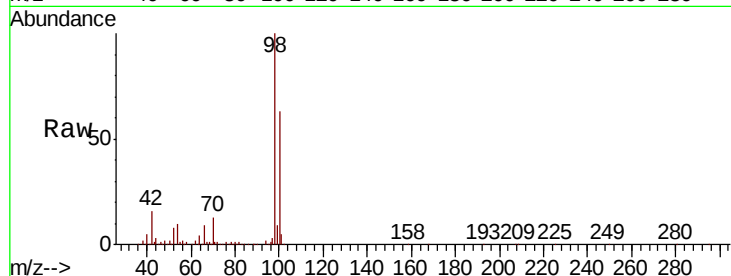




#50
Toluene-d8
Concen: 26.272 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060452.D
Acq: 4 Oct 2018 22:45

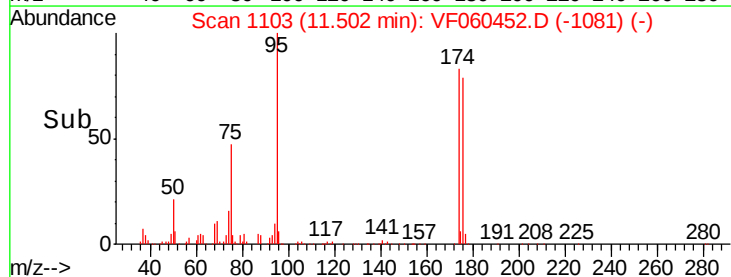
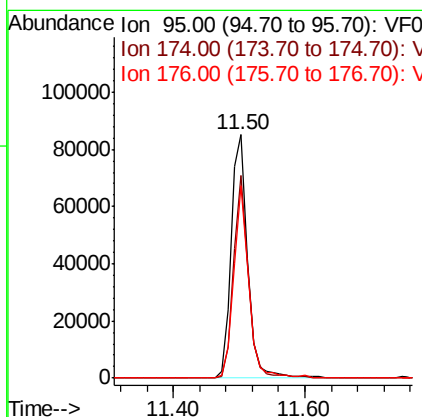
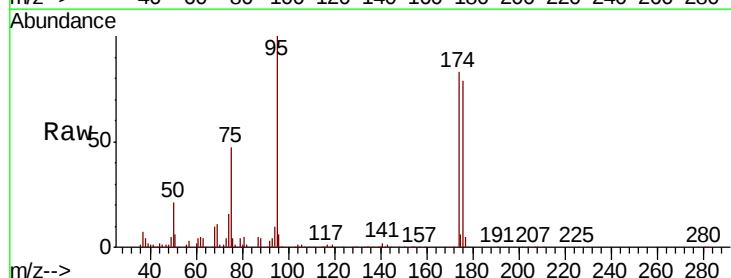
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SU-04-100318-B

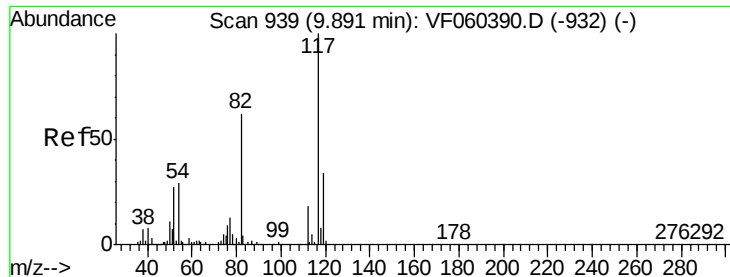
Tot Ion: 98 Resp: 286351
Ion Ratio Lower Upper
98 100
100 62.7 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 30.282 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060452.D
Acq: 4 Oct 2018 22:45

Tgt Ion: 95 Resp: 150701
Ion Ratio Lower Upper
95 100
174 83.3 0.0 129.0
176 79.1 0.0 125.6

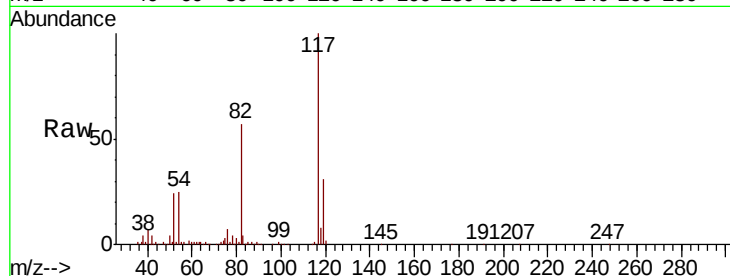




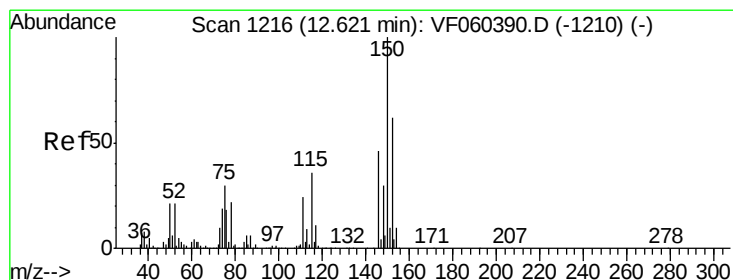
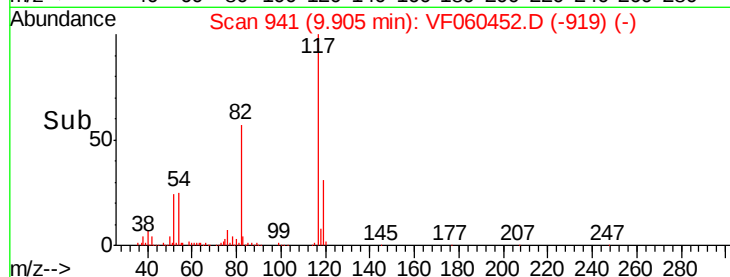
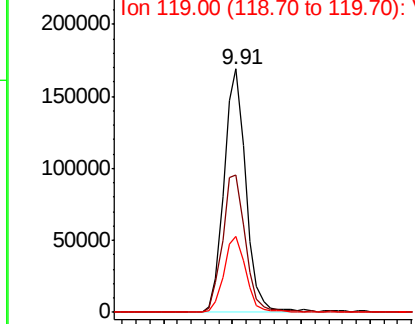
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060452.D
Acq: 4 Oct 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
SU-04-100318-B

Tot Ion:117 Resp: 373992
Ion Ratio Lower Upper
117 100
82 56.6 49.5 74.3
119 31.0 27.0 40.6

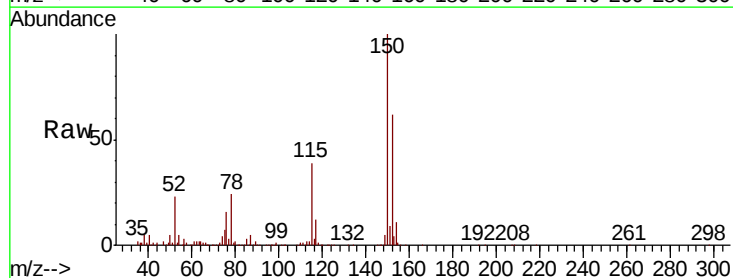


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060452.D
Acq: 4 Oct 2018 22:45

Tgt Ion:152 Resp: 190590
Ion Ratio Lower Upper
152 100
115 62.1 28.6 85.8
150 160.8 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

