

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060306.D
 Acq On : 20 Sep 2018 19:21
 Operator : VA/AP
 Sample : J5023-01
 Misc : 5.63/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-PIT-1

Quant Time: Sep 21 05:51:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

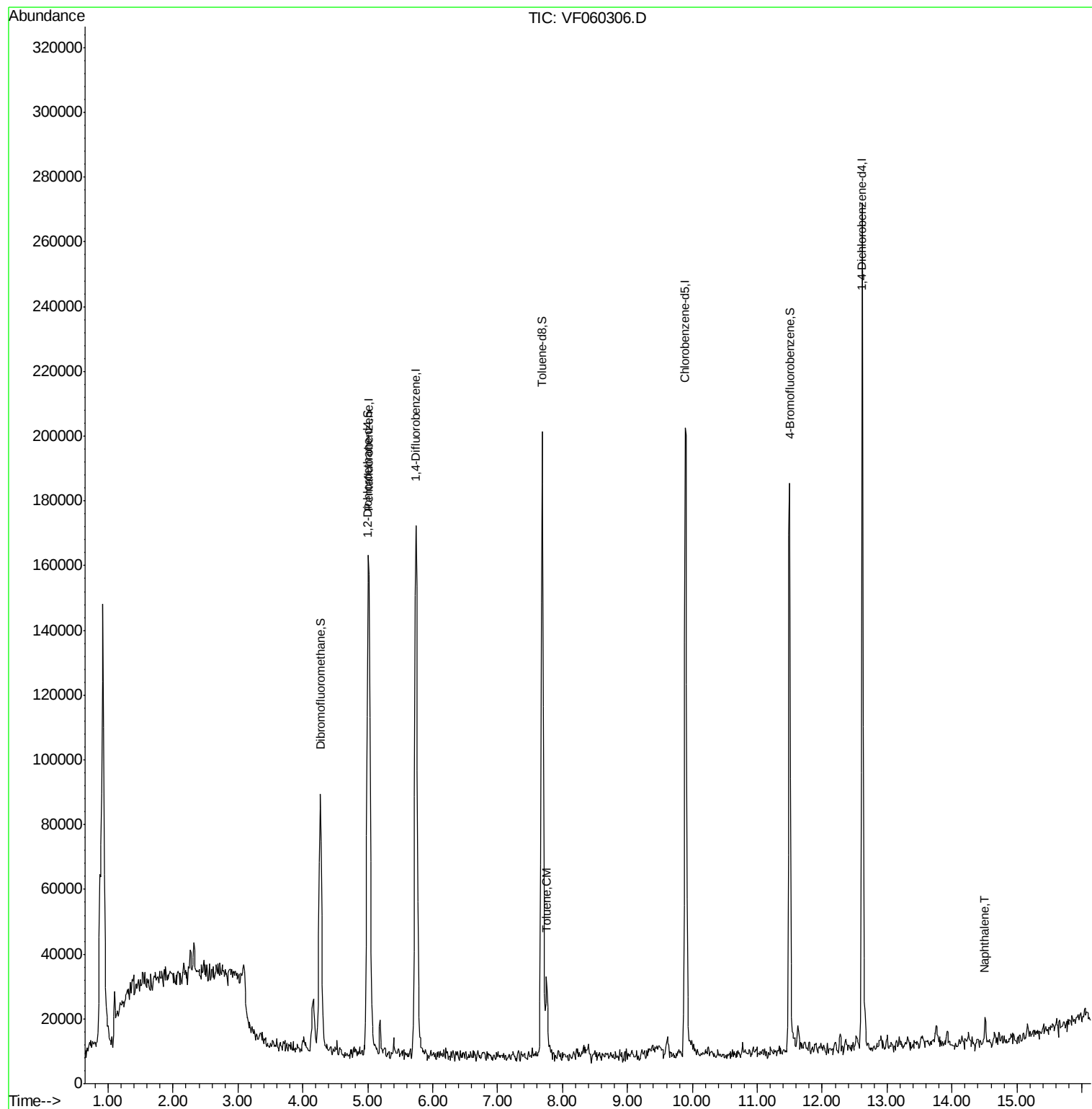
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	114731	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	186586	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	148570	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	71873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	64231	41.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	4.27	113	76287	45.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	7.68	98	171293	39.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.10%	
62) 4-Bromofluorobenzene	11.50	95	70021	37.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.80%	
Target Compounds						
52) Toluene	7.76	92	10730	3.214	ug/l	97
95) Naphthalene	14.50	128	3241	1.026	ug/l #	82

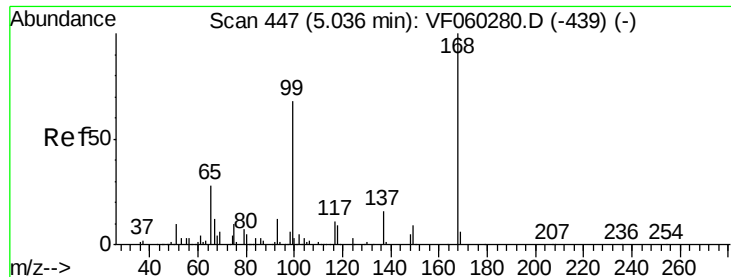
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.01 min

Lab File: VF060306.D

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MSVOA_F

ClientSampleId :

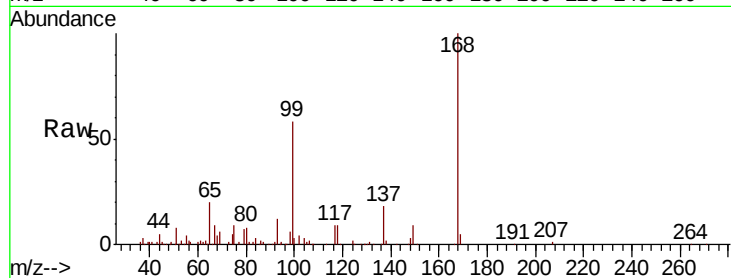
NB-PIT-1

Tot Ion:168 Resp: 114731

Ion Ratio Lower Upper

168 100

99 58.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

40000

30000

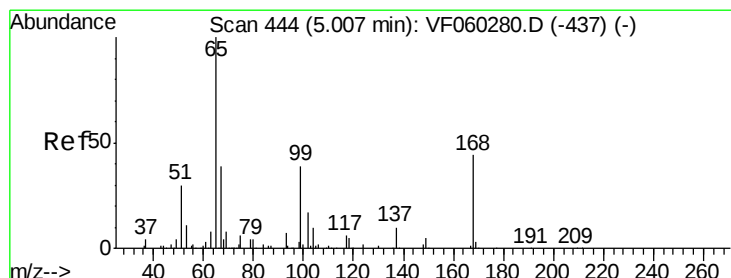
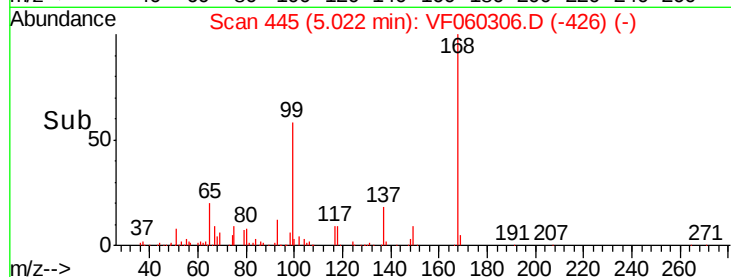
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.576 ug/l

RT: 4.99 min Scan# 442

Delta R.T. -0.01 min

Lab File: VF060306.D

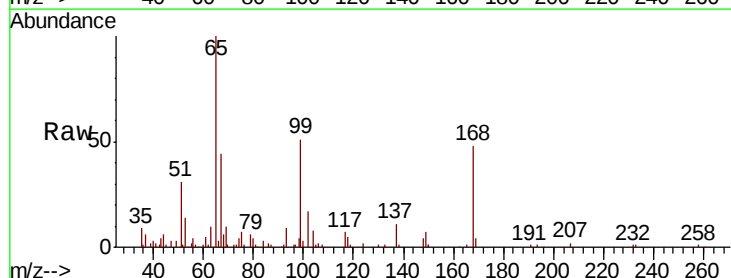
Acq: 20 Sep 2018 19:21

Tgt Ion: 65 Resp: 64231

Ion Ratio Lower Upper

65 100

67 44.0 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

25000

20000

15000

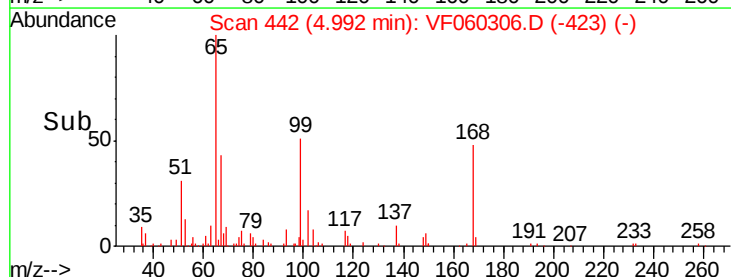
10000

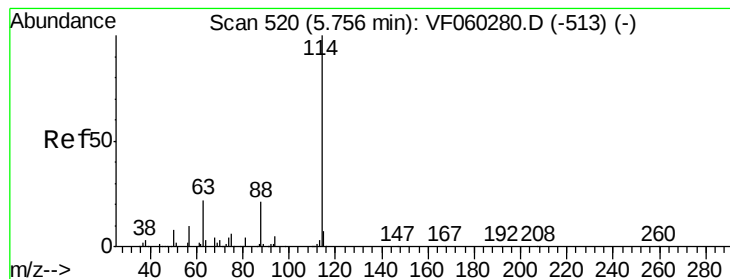
5000

0

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.01 min

Lab File: VF060306.D

Acq: 20 Sep 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-1

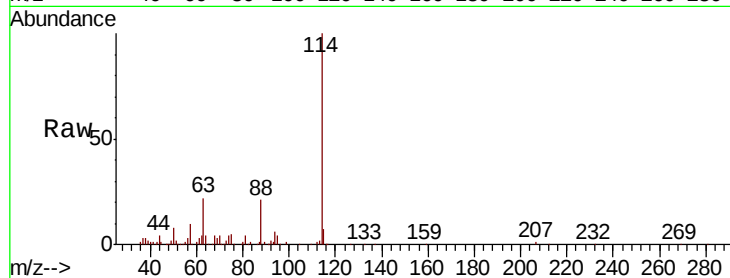
Tot Ion:114 Resp: 186586

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

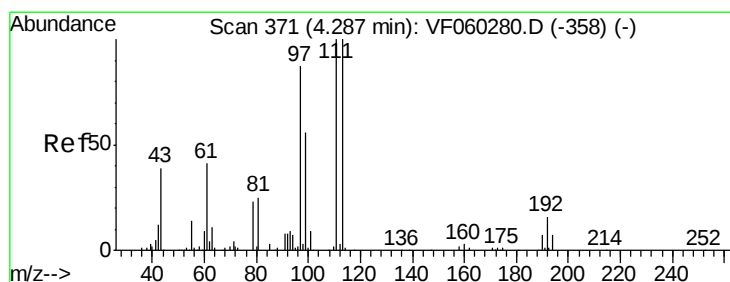
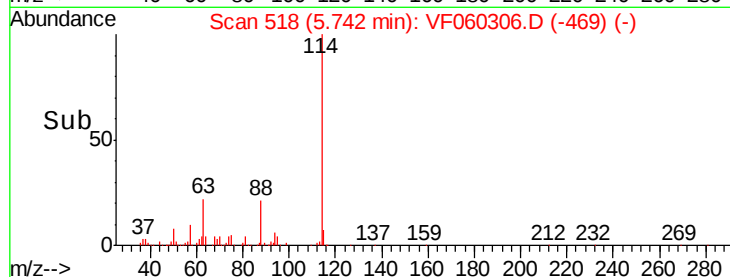
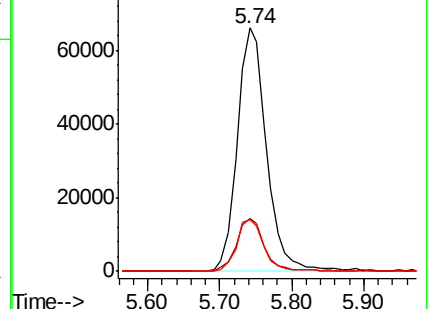
88 21.2 0.0 41.2



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: 45.866 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060306.D

Acq: 20 Sep 2018 19:21

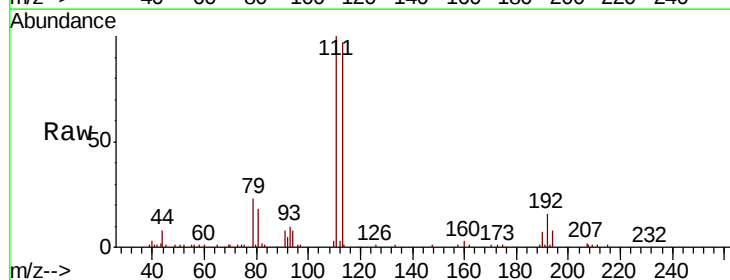
Tgt Ion:113 Resp: 76287

Ion Ratio Lower Upper

113 100

111 103.3 79.6 119.4

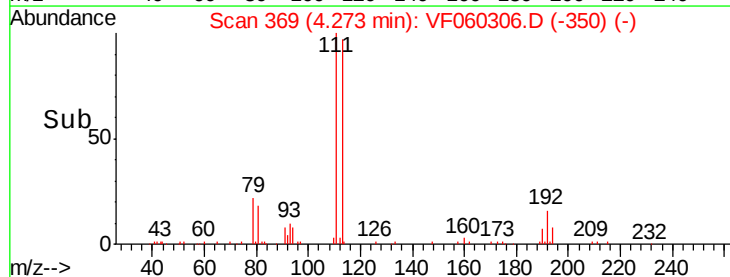
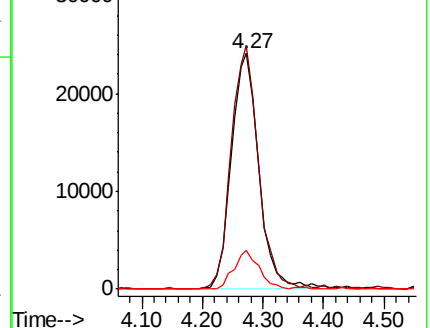
192 16.3 13.0 19.6

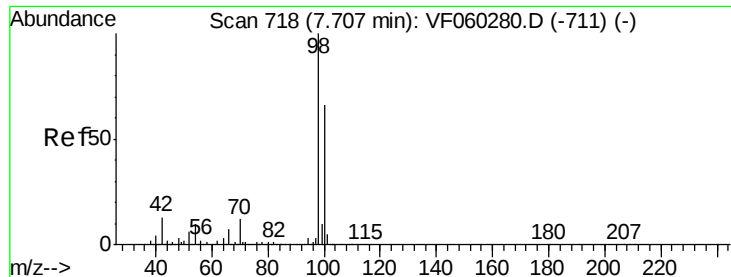


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

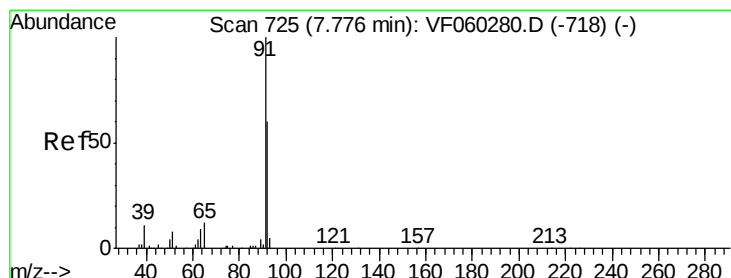
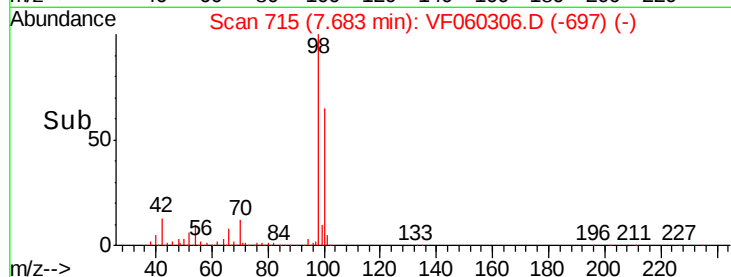
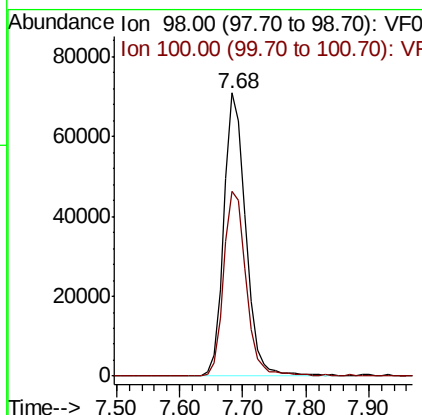
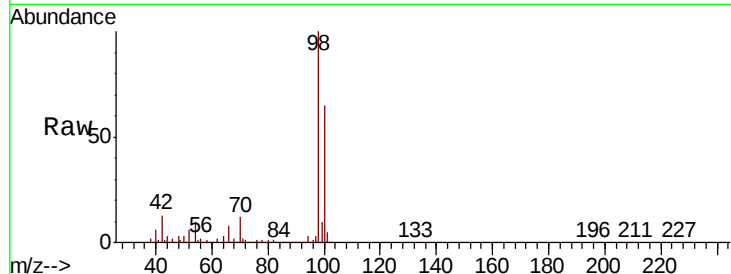




#50
Toluene-d8
Concen: 39.545 ug/l
RT: 7.68 min Scan# 715
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

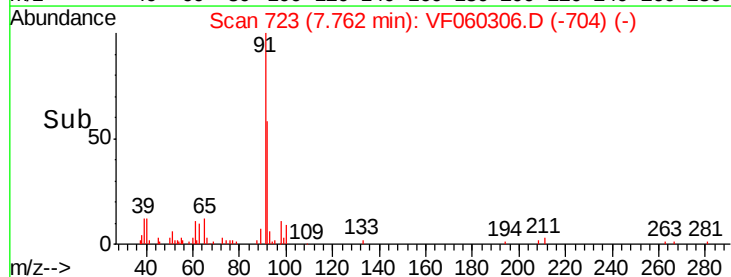
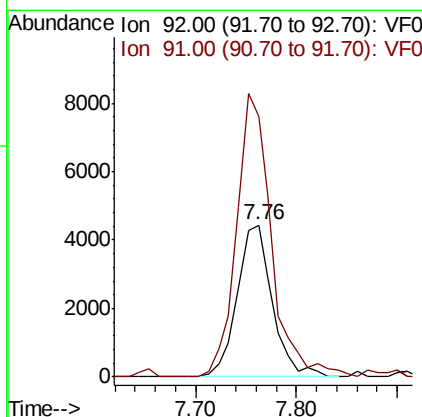
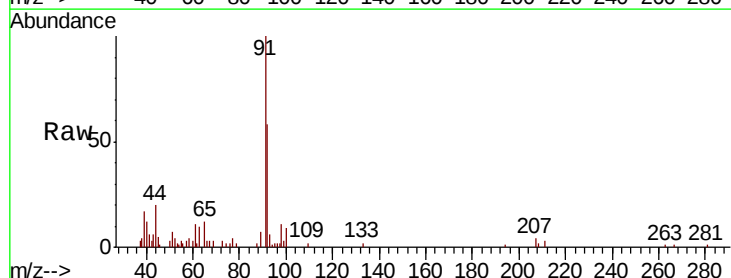
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

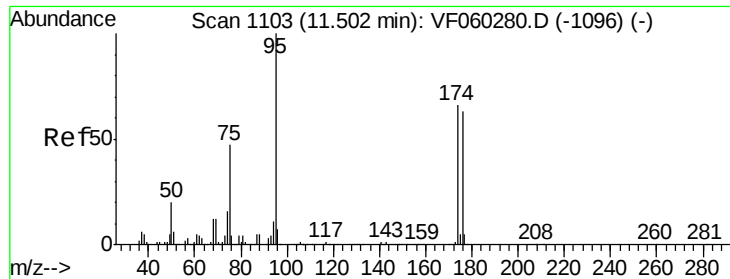
Tot Ion: 98 Resp: 171293
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



#52
Toluene
Concen: 3.214 ug/l
RT: 7.76 min Scan# 723
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 92 Resp: 10730
Ion Ratio Lower Upper
92 100
91 171.3 133.3 199.9





#62

4-Bromofluorobenzene

Concen: 37.397 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060306.D

Acq: 20 Sep 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-1

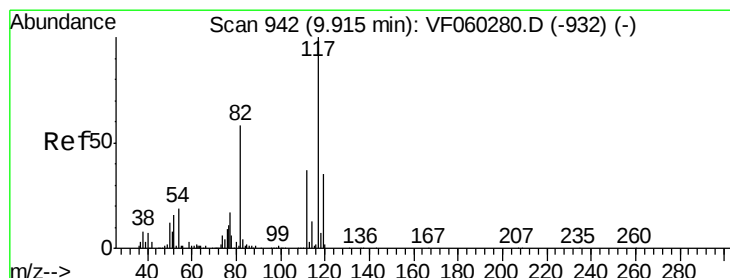
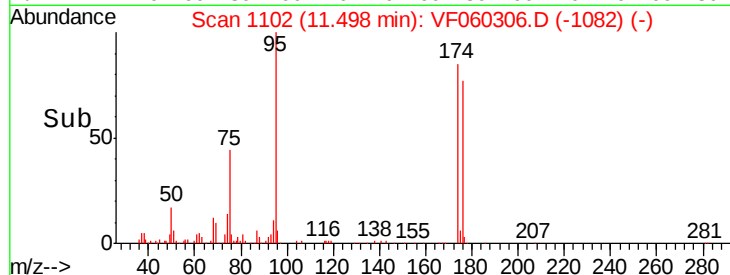
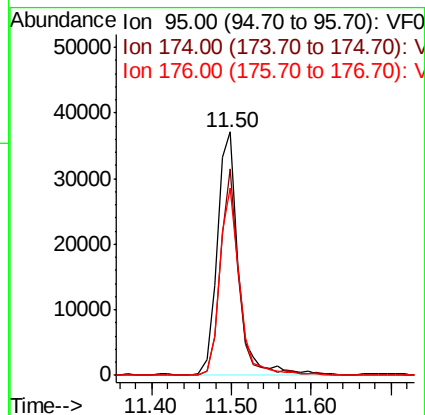
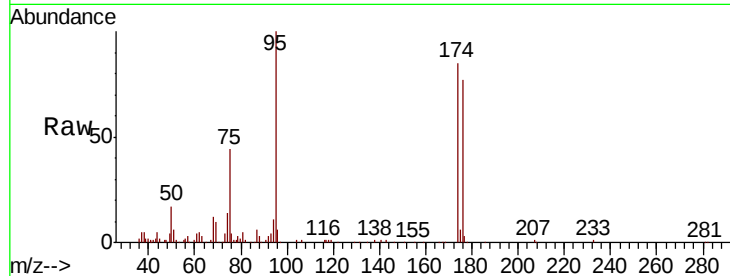
Tot Ion: 95 Resp: 70021

Ion Ratio Lower Upper

95 100

174 84.7 0.0 131.2

176 76.8 0.0 126.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 940

Delta R.T. -0.01 min

Lab File: VF060306.D

Acq: 20 Sep 2018 19:21

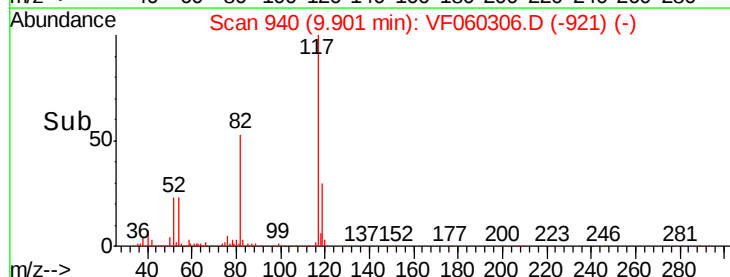
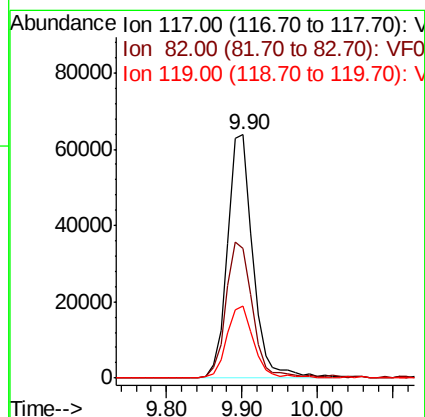
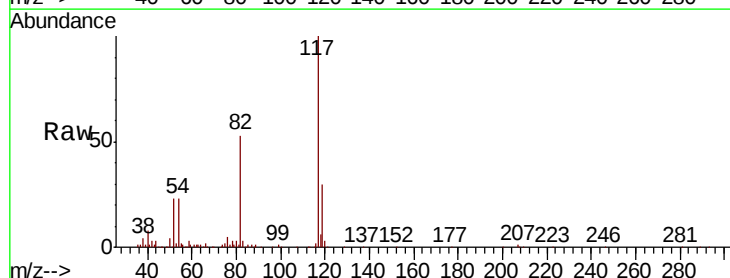
Tgt Ion: 117 Resp: 148570

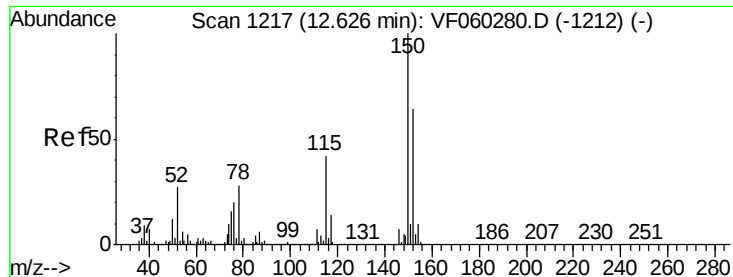
Ion Ratio Lower Upper

117 100

82 53.1 46.2 69.2

119 29.8 27.8 41.6



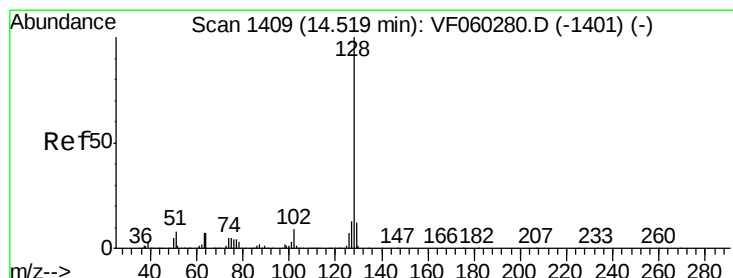
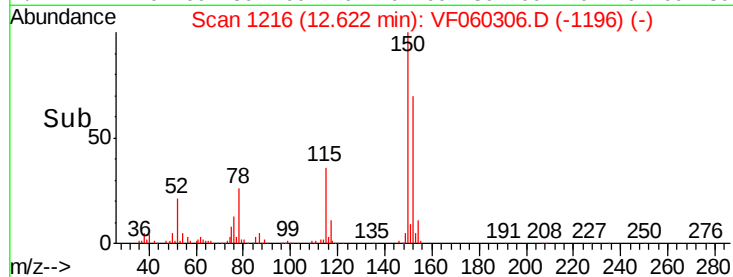
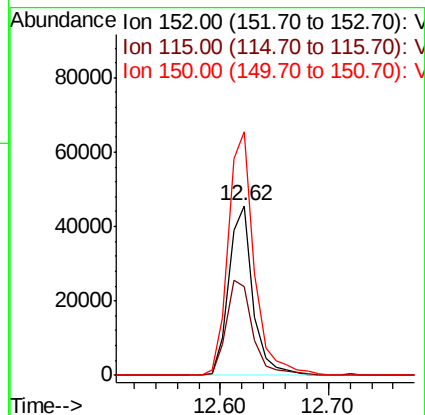
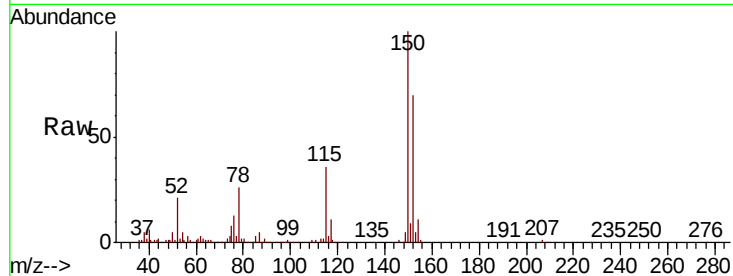


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampled :
NB-PIT-1

Tot Ion:152 Resp: 71873
Ion Ratio Lower Upper
152 100
115 52.0 32.6 97.8
150 143.3 0.0 314.2



#95

Naphthalene
Concen: 1.026 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion:128 Resp: 3241
Ion Ratio Lower Upper
128 100
127 7.7 10.1 15.1#
129 21.8 9.8 14.8#

