

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060521.D
 Acq On : 26 Oct 2018 17:29
 Operator : VA/AP
 Sample : J5515-05
 Misc : 5.91/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AOC1-07A

Quant Time: Oct 27 03:27:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

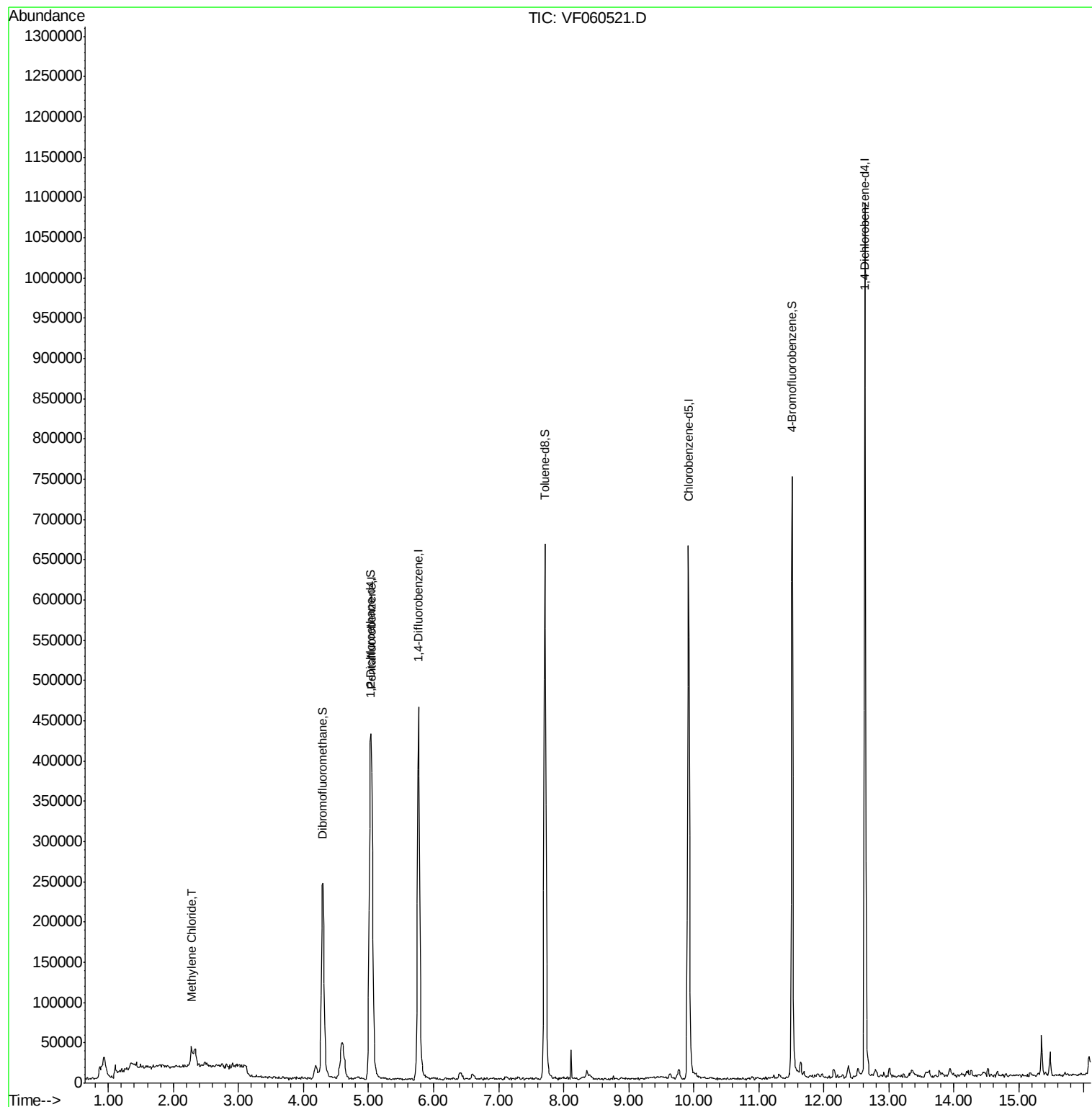
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	283607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	477445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	447371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	261779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	229503	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
35) Dibromofluoromethane	4.30	113	228673	39.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.92%	
50) Toluene-d8	7.71	98	555443	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.51	95	264872	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
Target Compounds						
20) Methylene Chloride	2.28	84	21136	2.490	ug/l #	78

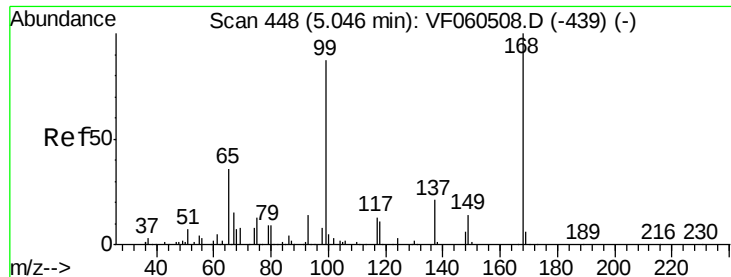
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060521.D
Acq On : 26 Oct 2018 17:29
Operator : VA/AP
Sample : J5515-05
Misc : 5.91/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC1-07A

Quant Time: Oct 27 03:27:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.00 min

Lab File: VF060521.D

Acq: 26 Oct 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

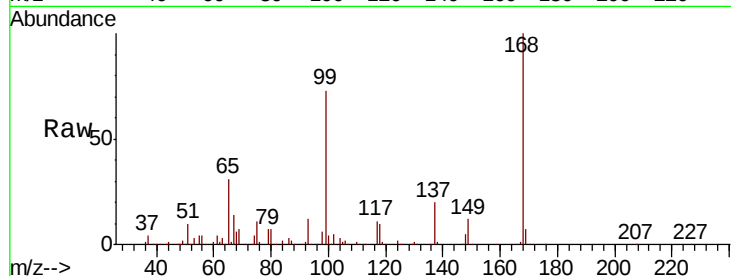
AOC1-07A

Tot Ion:168 Resp: 283607

Ion Ratio Lower Upper

168 100

99 72.9 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

100000

80000

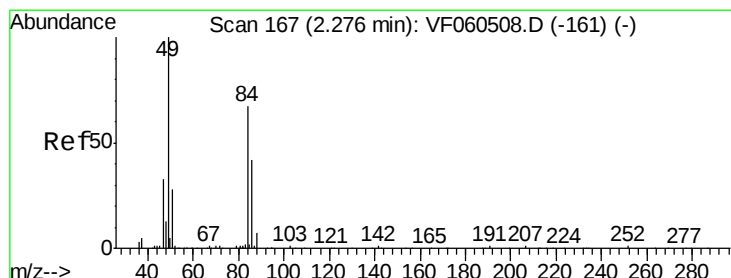
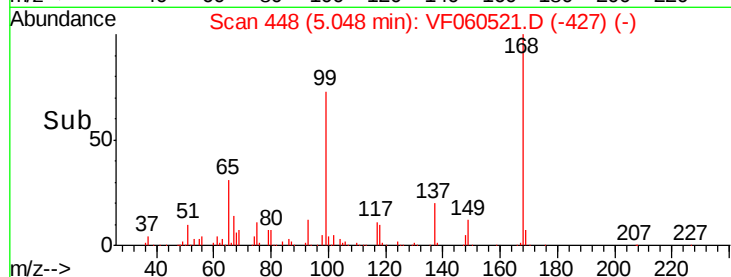
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.490 ug/l

RT: 2.28 min Scan# 167

Delta R.T. 0.00 min

Lab File: VF060521.D

Acq: 26 Oct 2018 17:29

Tgt Ion: 84 Resp: 21136

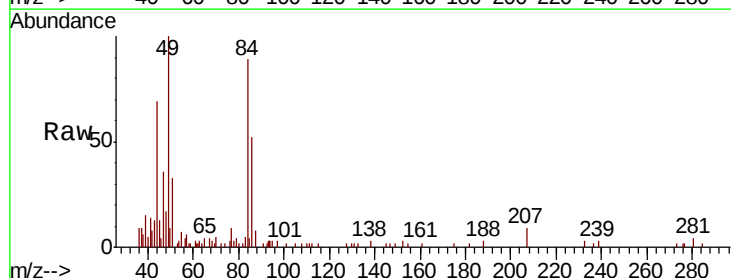
Ion Ratio Lower Upper

84 100

49 112.6 123.1 184.7#

51 37.3 35.3 52.9

86 58.7 49.9 74.9



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

10000

8000

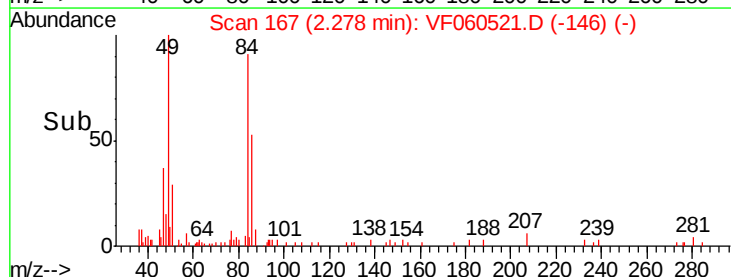
6000

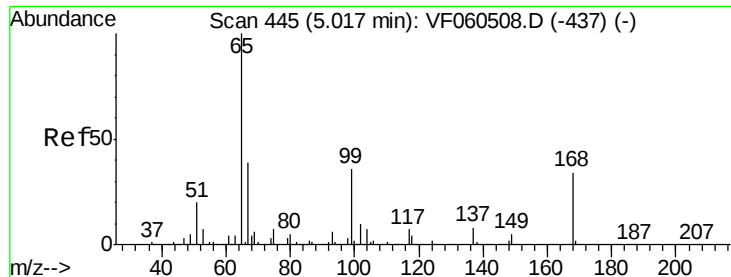
4000

2000

0

Time-->

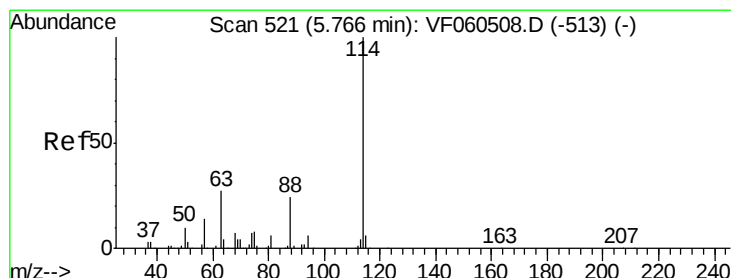
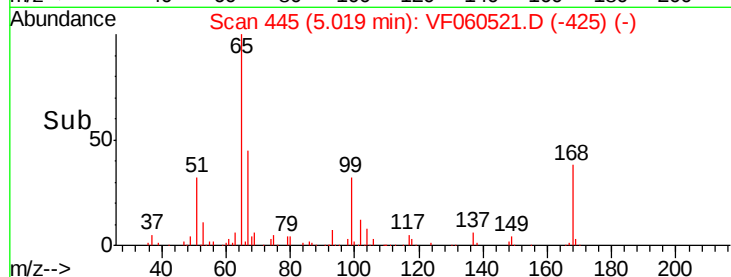
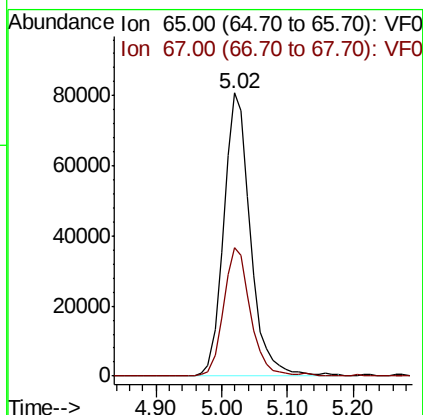
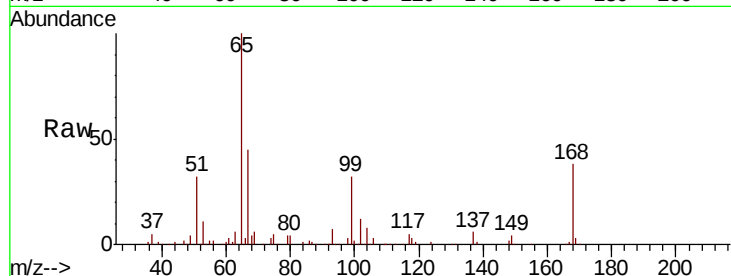




#33
 1,2-Dichloroethane-d4
 Concen: 40.715 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: VF060521.D
 Acq: 26 Oct 2018 17:29

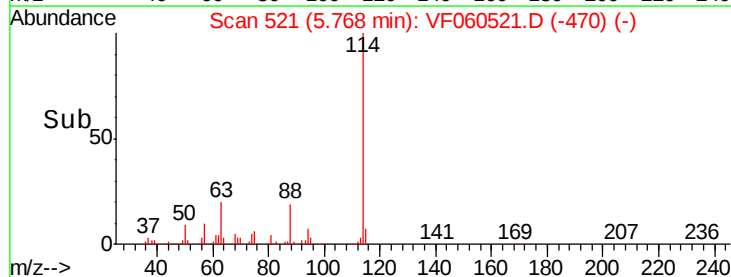
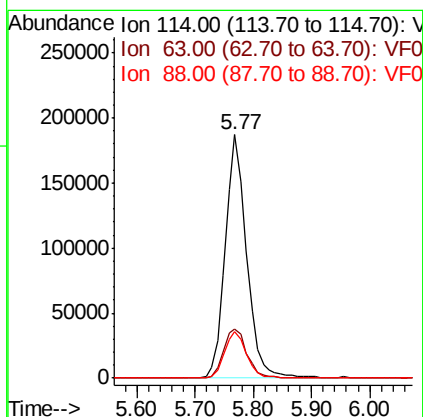
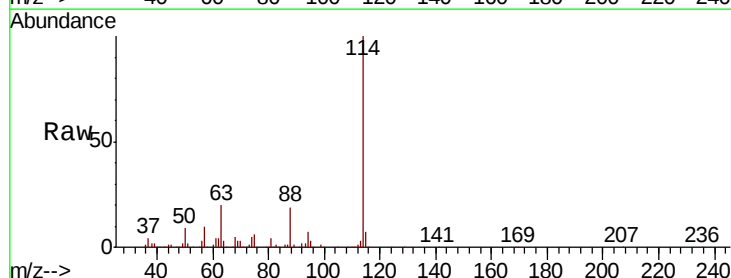
Instrument :
 MSVOA_F
 ClientSampleId :
 AOC1-07A

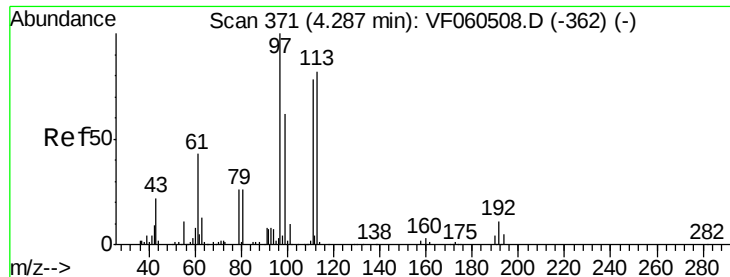
Tot Ion: 65 Resp: 229503
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060521.D
 Acq: 26 Oct 2018 17:29

Tgt Ion: 114 Resp: 477445
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 54.4
 88 19.1 0.0 47.2





#35

Dibromofluoromethane

Concen: 39.957 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.01 min

Lab File: VF060521.D

Acq: 26 Oct 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

AOC1-07A

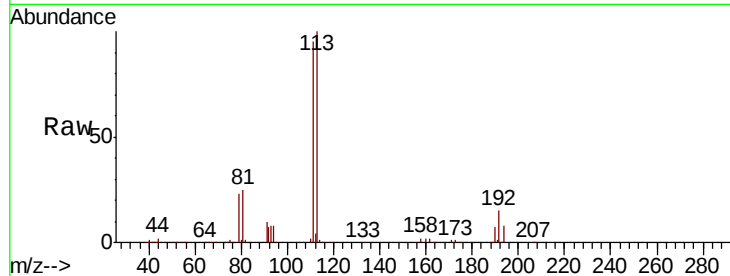
Tot Ion:113 Resp: 228673

Ion Ratio Lower Upper

113 100

111 94.7 75.9 113.9

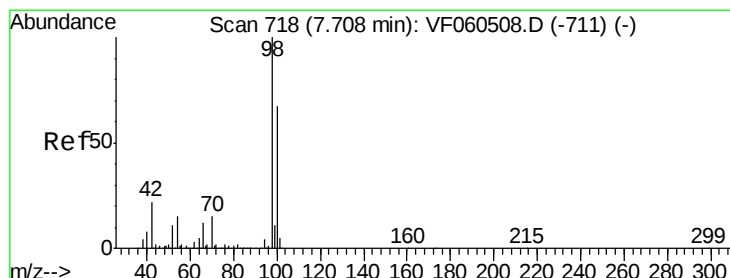
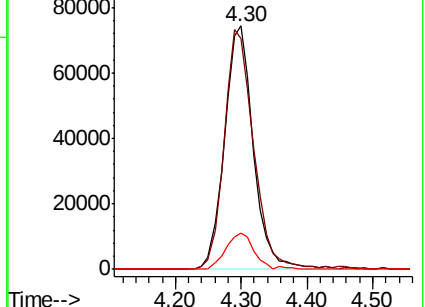
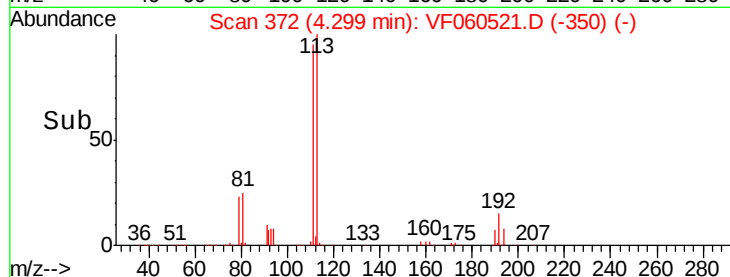
192 14.7 10.6 15.8



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: 48.362 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.00 min

Lab File: VF060521.D

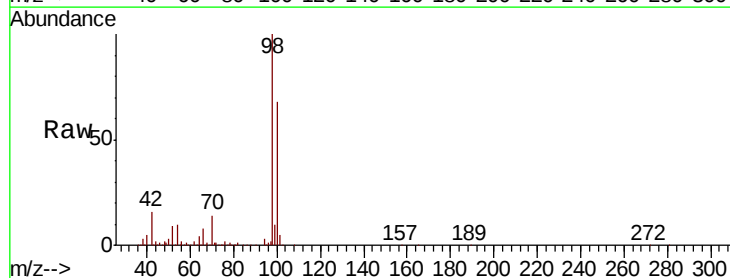
Acq: 26 Oct 2018 17:29

Tgt Ion: 98 Resp: 555443

Ion Ratio Lower Upper

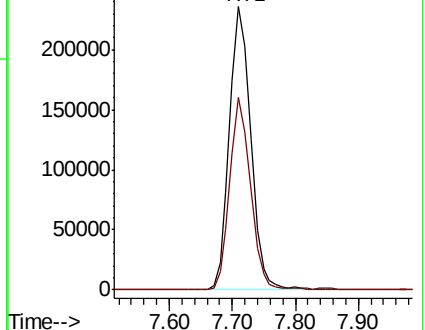
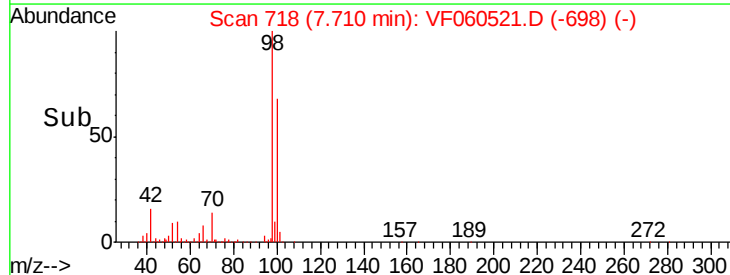
98 100

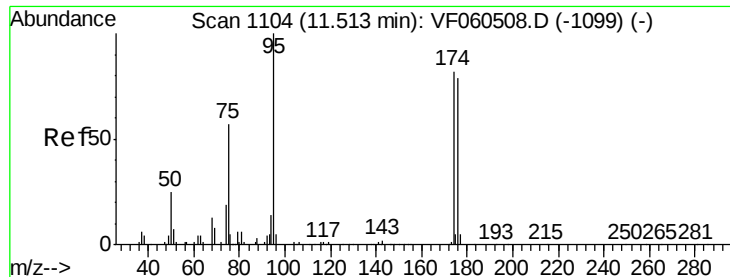
100 68.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 41.407 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VF060521.D

Acq: 26 Oct 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

AOC1-07A

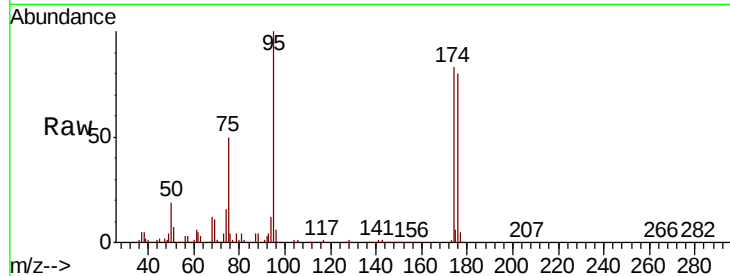
Tot Ion: 95 Resp: 264872

Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.2

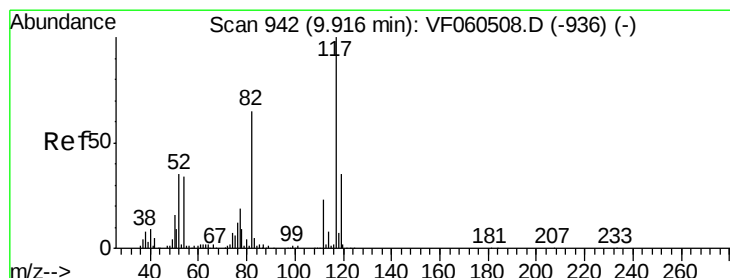
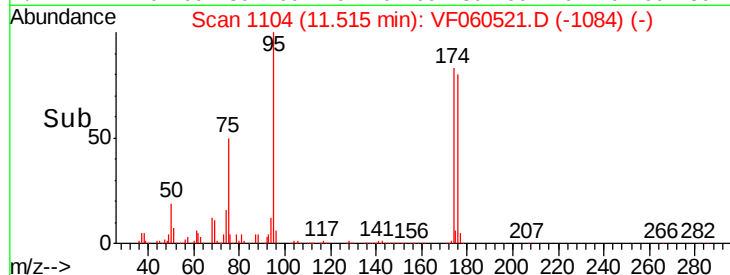
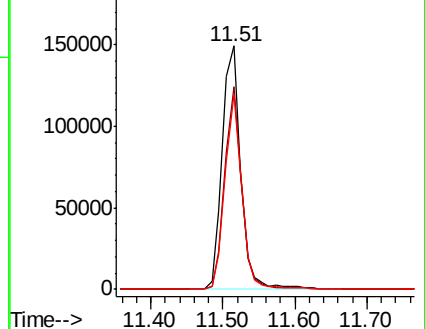
176 80.3 0.0 158.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 942

Delta R.T. 0.00 min

Lab File: VF060521.D

Acq: 26 Oct 2018 17:29

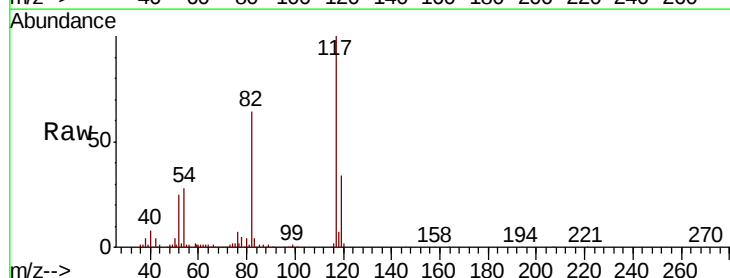
Tgt Ion: 117 Resp: 447371

Ion Ratio Lower Upper

117 100

82 64.3 51.7 77.5

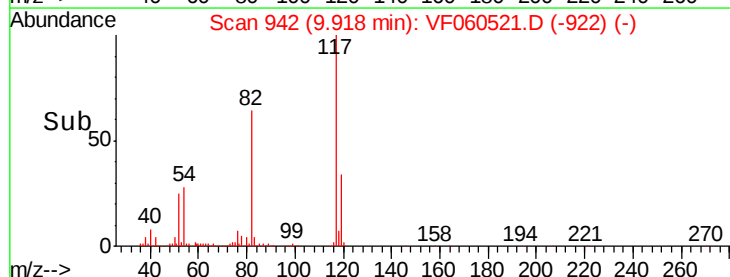
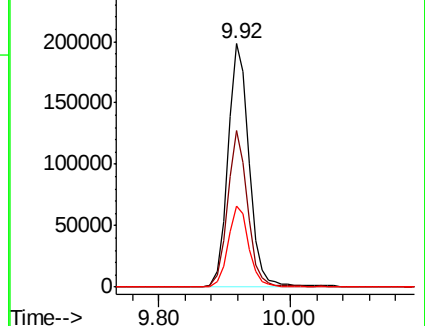
119 33.5 28.3 42.5

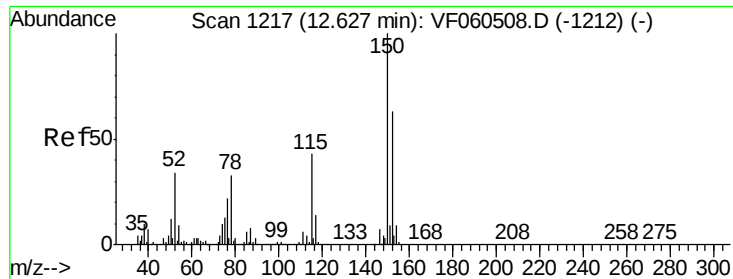


Abundance Ion 117.00 (116.70 to 117.70): V

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: VF060521.D

Acq: 26 Oct 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

AOC1-07A

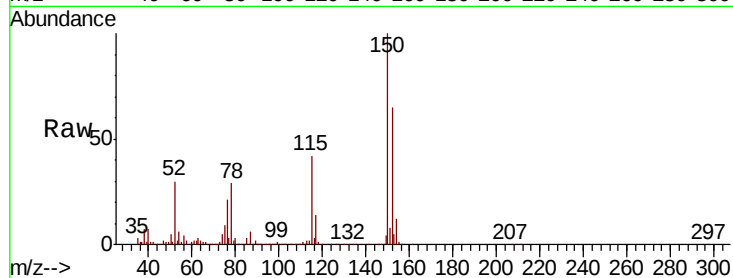
Tot Ion:152 Resp: 261779

Ion Ratio Lower Upper

152 100

115 65.4 34.6 103.9

150 154.8 0.0 319.8



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

