

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060207.D
 Acq On : 7 Sep 2018 12:54
 Operator : VA/AP
 Sample : VF0907SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0907SBL01

Quant Time: Sep 07 14:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

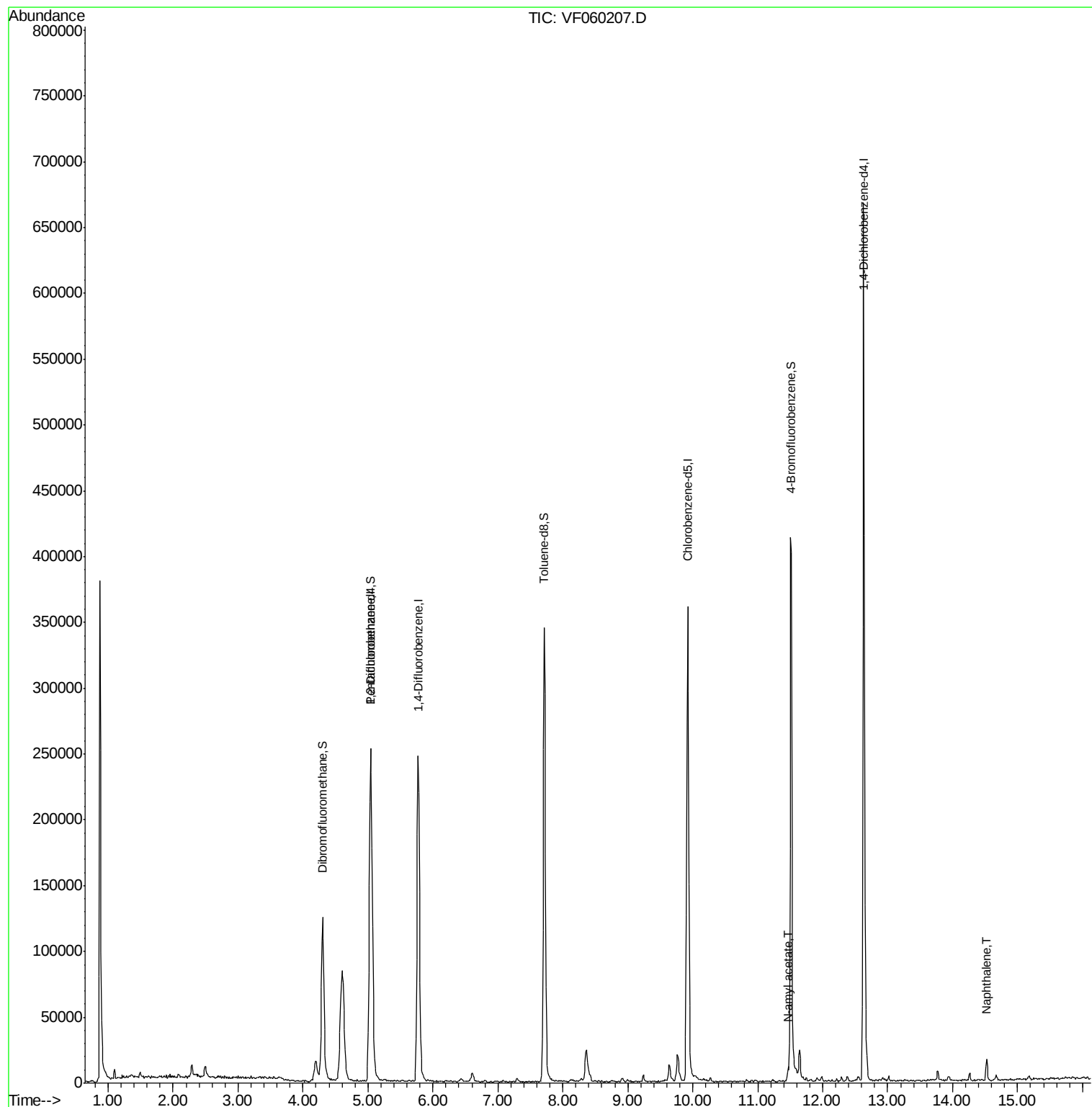
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	155359	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	238079	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	242827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	160144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	131233	48.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	4.30	113	110711	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	7.71	98	270717	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	11.51	95	153493	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
74) N-amyl acetate	11.47	43	6782	7.58	ug/l #	88
95) Naphthalene	14.52	128	10817	4.30	ug/l #	90

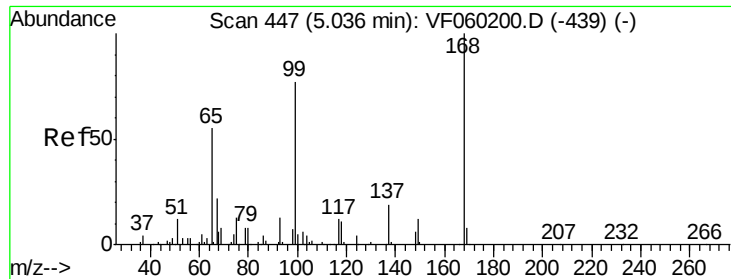
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.02 min

Lab File: VF060207.D

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Instrument :

MSVOA_F

ClientSampleId :

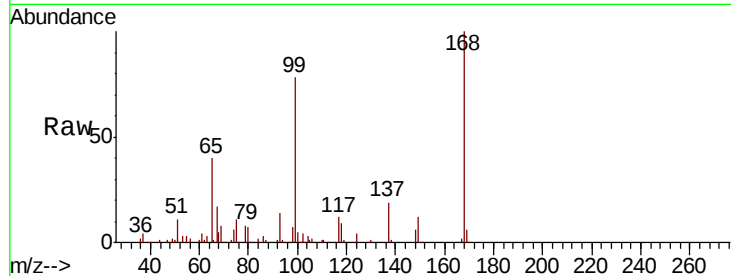
VF0907SBL01

Tot Ion:168 Resp: 155359

Ion Ratio Lower Upper

168 100

99 77.6 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

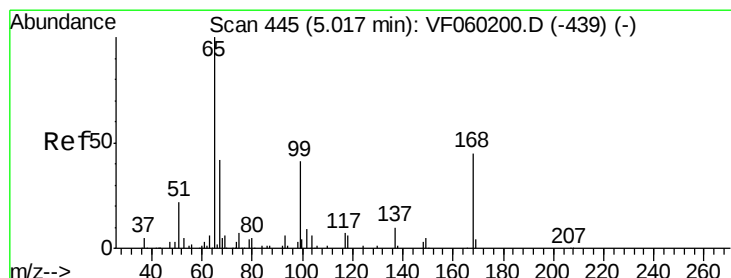
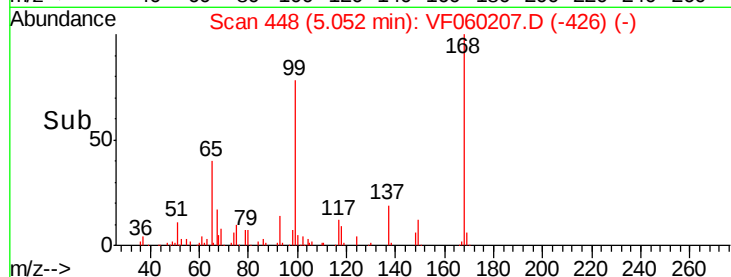
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060207.D

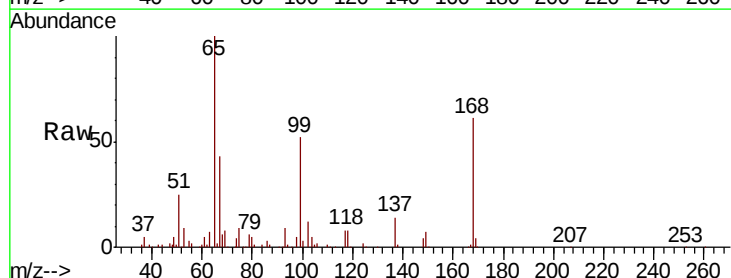
Acq: 7 Sep 2018 12:54

Tgt Ion: 65 Resp: 131233

Ion Ratio Lower Upper

65 100

67 42.8 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

50000

40000

30000

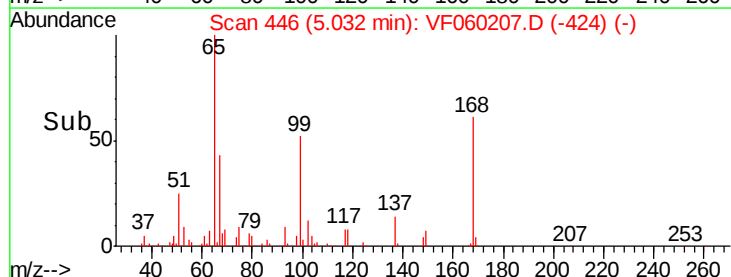
20000

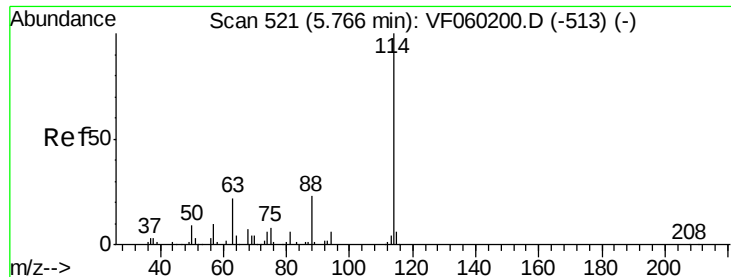
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.01 min

Lab File: VF060207.D

Acq: 7 Sep 2018 12:54

Instrument :

MSVOA_F

ClientSampleId :

VF0907SBL01

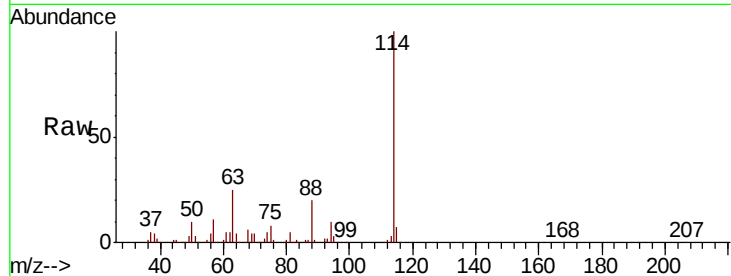
Tot Ion:114 Resp: 238079

Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.6

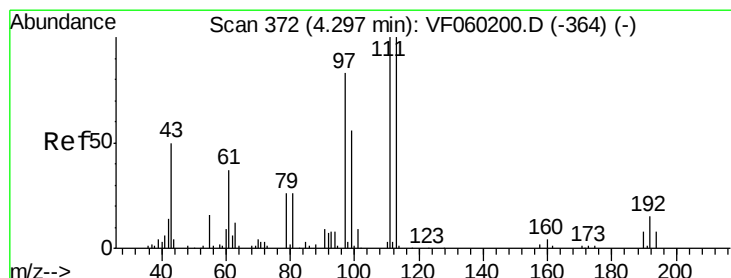
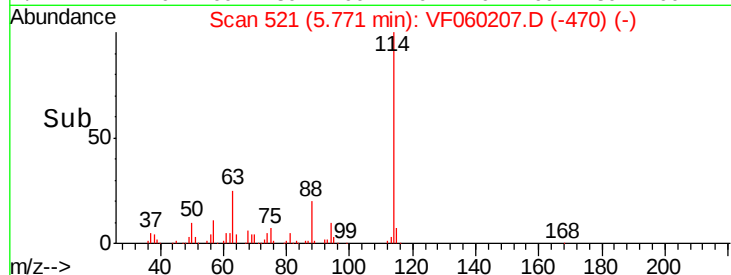
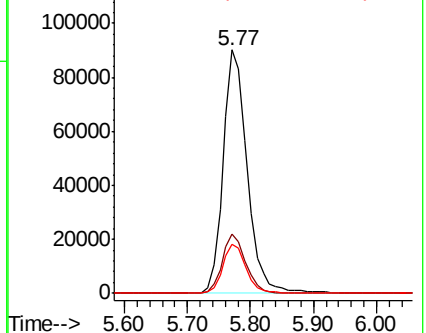
88 20.1 0.0 46.4



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: 47.46 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.01 min

Lab File: VF060207.D

Acq: 7 Sep 2018 12:54

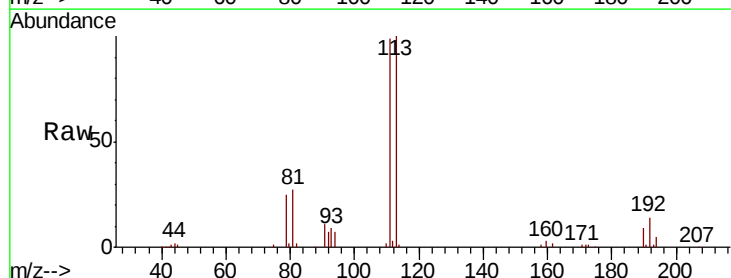
Tgt Ion:113 Resp: 110711

Ion Ratio Lower Upper

113 100

111 98.7 80.2 120.2

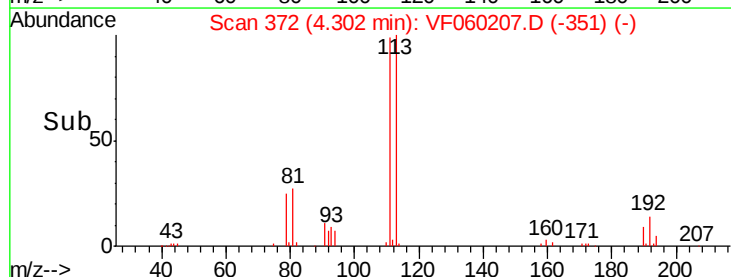
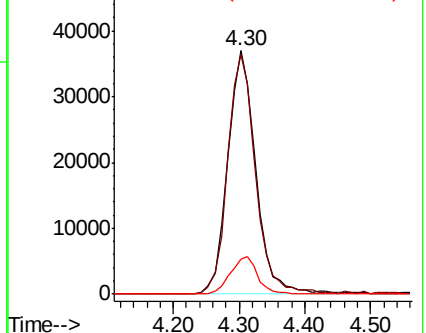
192 14.2 11.8 17.8

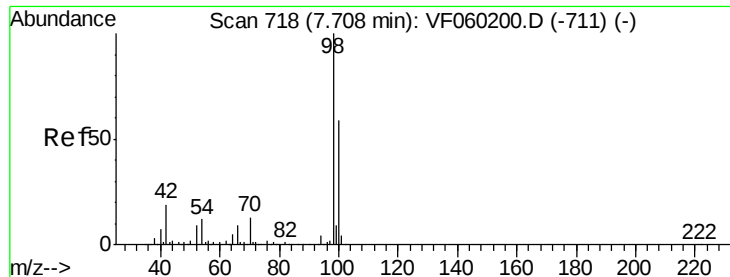


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

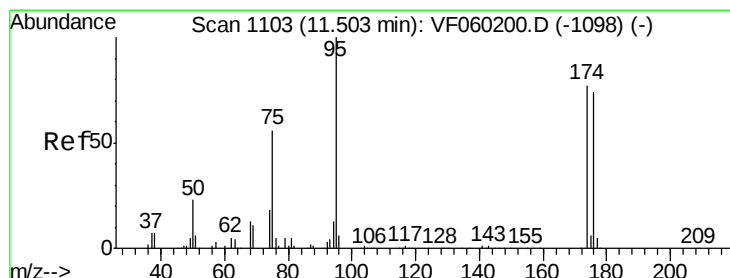
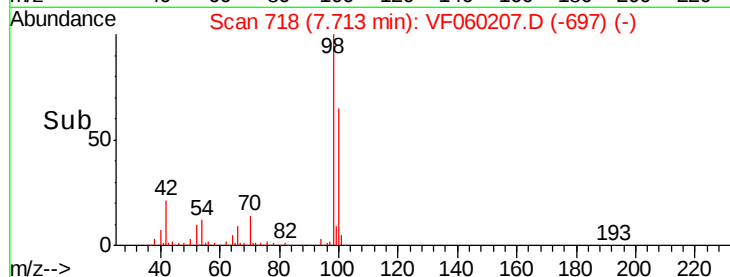
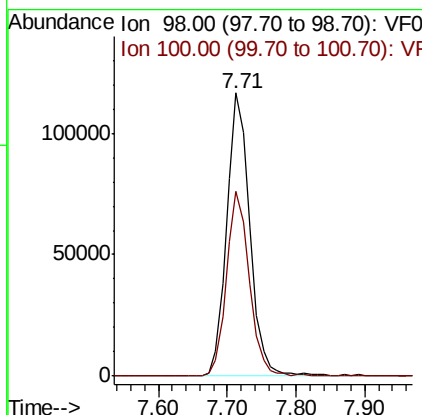
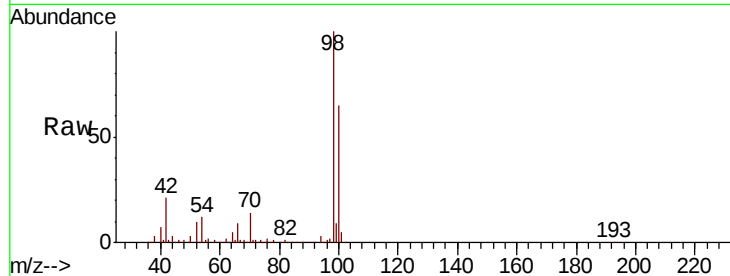




#50
Toluene-d8
Concen: 46.51 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.01 min
Lab File: VF060207.D
Acq: 7 Sep 2018 12:54

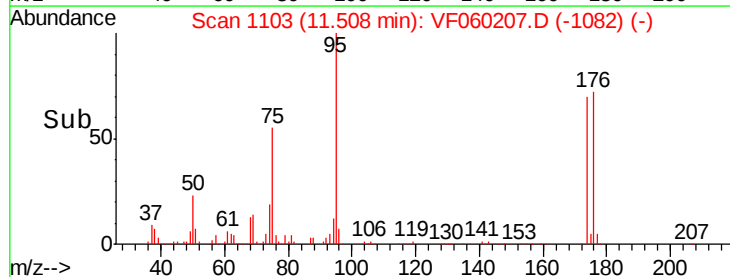
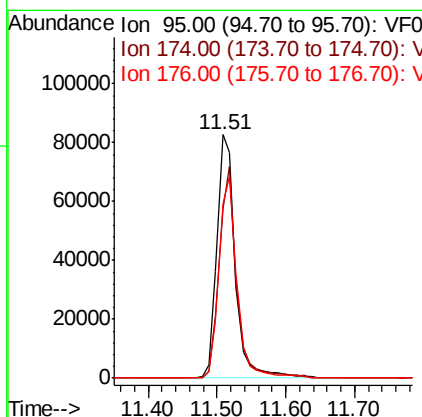
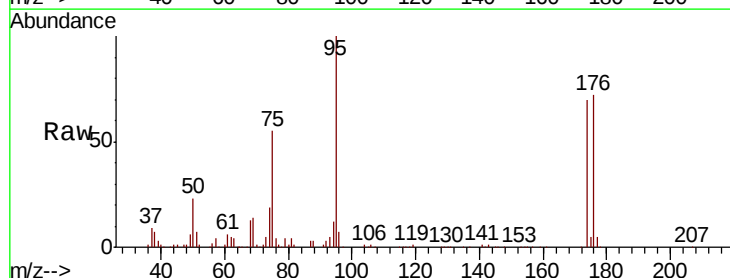
Instrument :
MSVOA_F
ClientSampleId :
VF0907SBL01

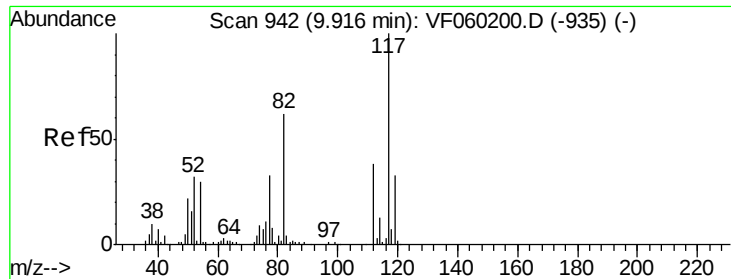
Tot Ion: 98 Resp: 270717
Ion Ratio Lower Upper
98 100
100 65.4 47.4 71.0



#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060207.D
Acq: 7 Sep 2018 12:54

Tgt Ion: 95 Resp: 153493
Ion Ratio Lower Upper
95 100
174 69.6 0.0 153.2
176 71.8 0.0 147.2

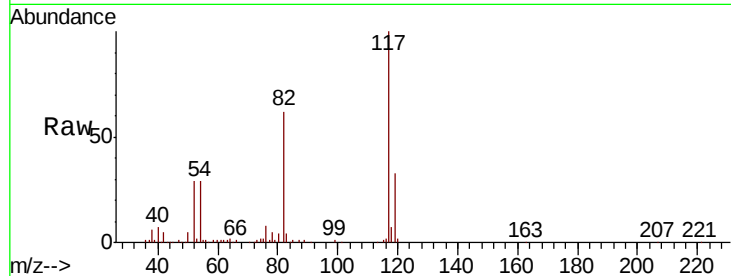




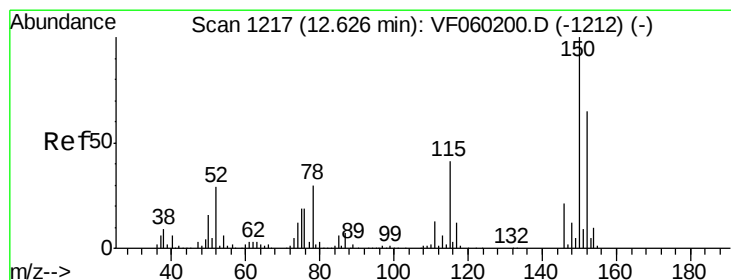
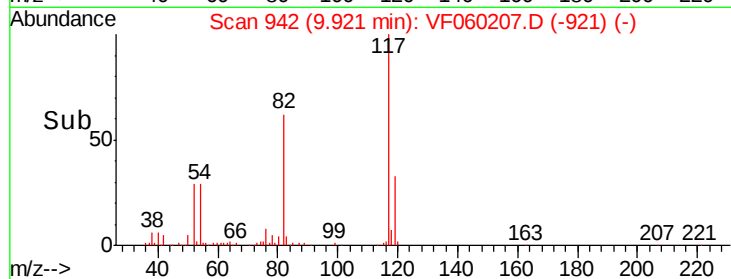
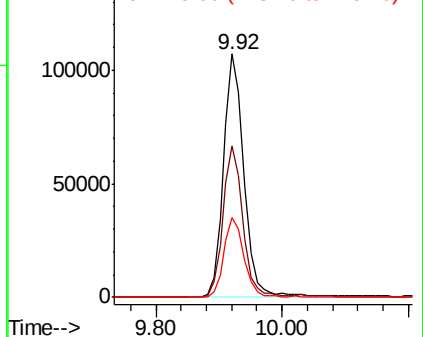
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.01 min
Lab File: VF060207.D
Acq: 7 Sep 2018 12:54

Instrument :
MSVOA_F
ClientSampleId :
VF0907SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.3	73.9
119	32.9	26.5	39.7

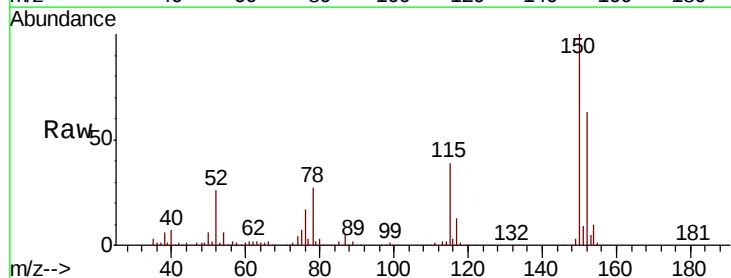


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

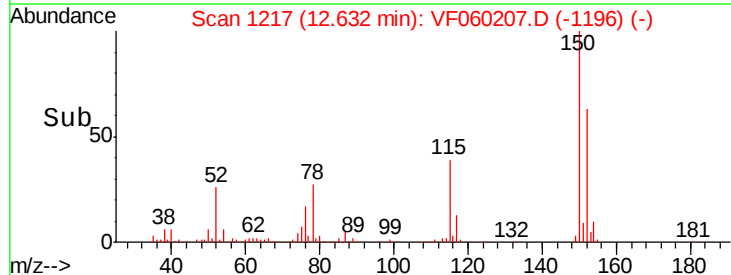
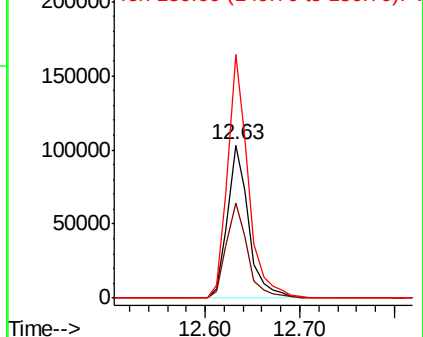


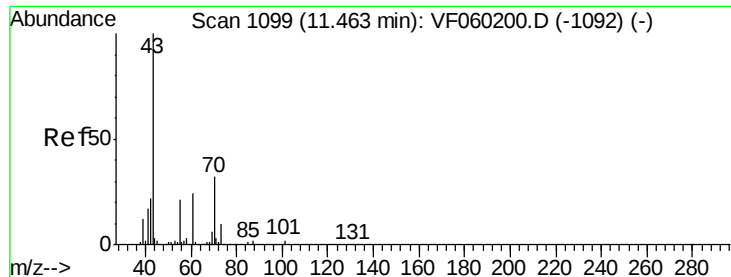
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060207.D
Acq: 7 Sep 2018 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.5	94.5
150	159.4	0.0	310.4



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





#74

N-amyl acetate

Concen: 7.58 ug/l

RT: 11.47 min Scan# 1099

Delta R.T. 0.01 min

Lab File: VF060207.D

Acq: 7 Sep 2018 12:54

Instrument :

MSVOA_F

ClientSampleId :

VF0907SBL01

Tot Ion: 43 Resp: 6782

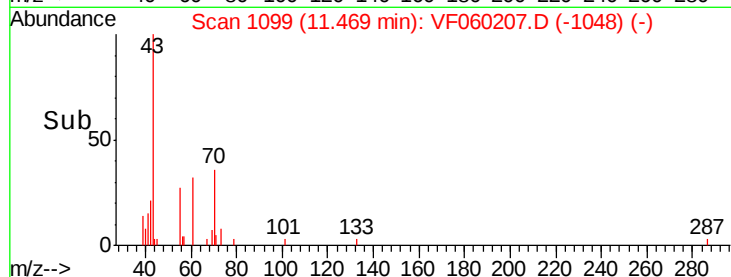
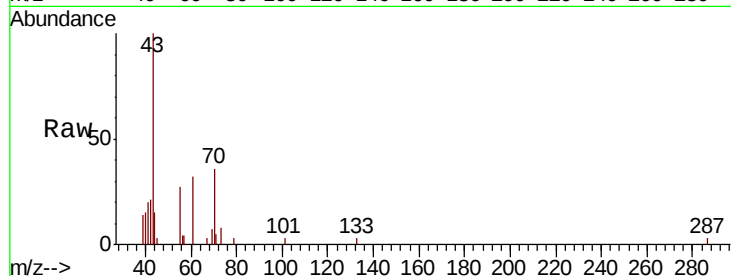
Ion Ratio Lower Upper

43 100

70 36.4 25.8 38.6

55 27.5 16.8 25.2#

61 32.4 18.9 28.3#

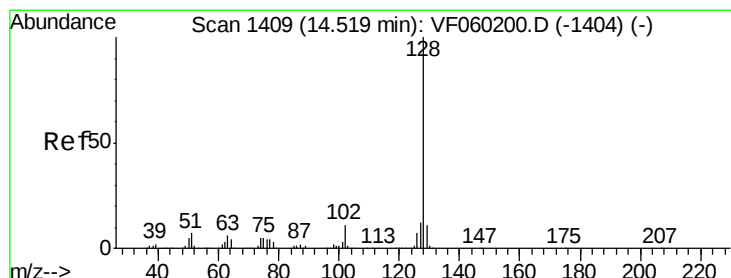
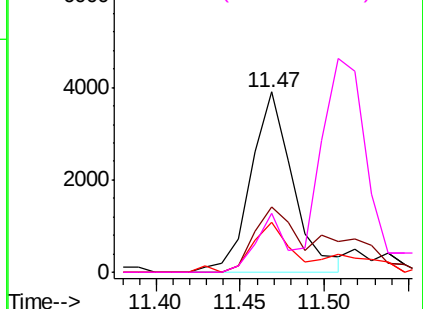


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#95

Naphthalene

Concen: 4.30 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.01 min

Lab File: VF060207.D

Acq: 7 Sep 2018 12:54

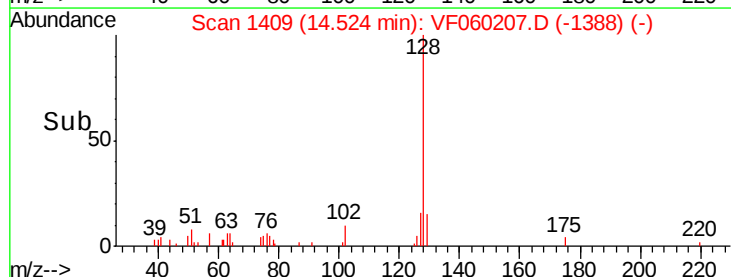
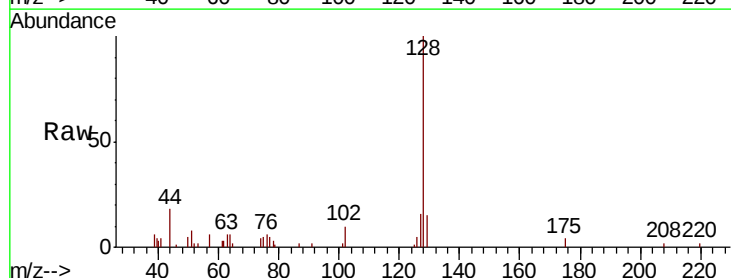
Tgt Ion: 128 Resp: 10817

Ion Ratio Lower Upper

128 100

127 16.1 9.9 14.9#

129 14.9 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

