

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060227.D
 Acq On : 10 Sep 2018 11:37
 Operator : VA/AP
 Sample : VF0910SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0910SBL01

Quant Time: Sep 10 13:23:41 2018
 Quant Method : Z:\V0ASRV\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	169929	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	240852	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	265576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	172086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	151642	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	4.29	113	131623	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
50) Toluene-d8	7.71	98	307703	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.51	95	181154	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	

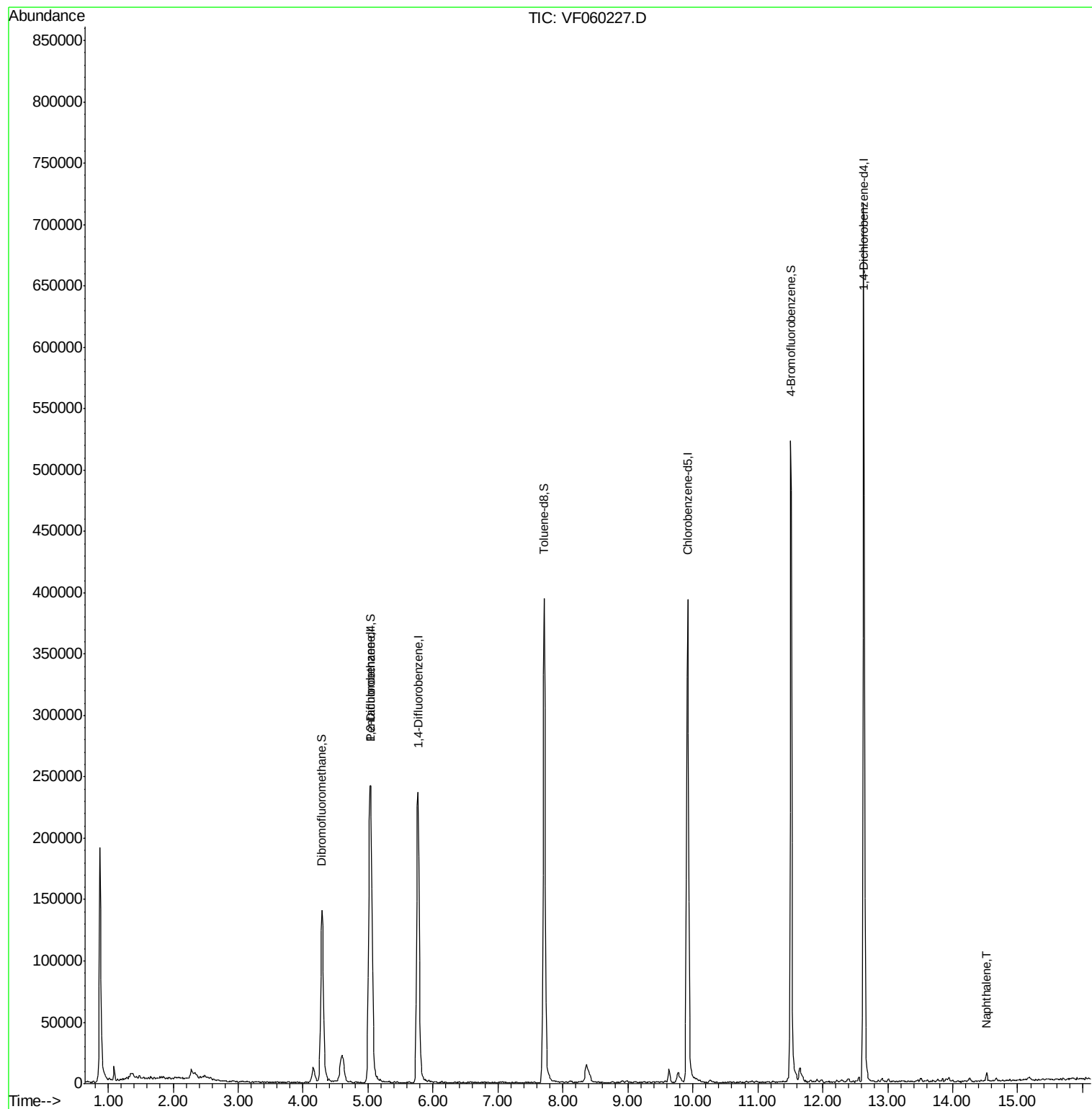
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	4277	3.23	ug/l	# 89

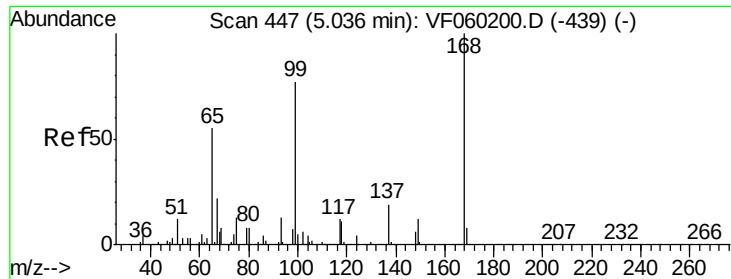
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060227.D

Acq: 10 Sep 2018 11:37

Instrument :

MSVOA_F

ClientSampleId :

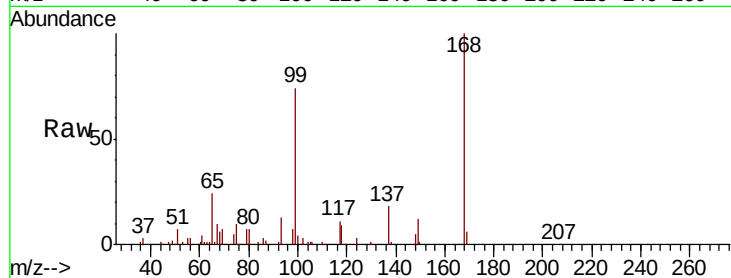
VF0910SBL01

Tot Ion:168 Resp: 169929

Ion Ratio Lower Upper

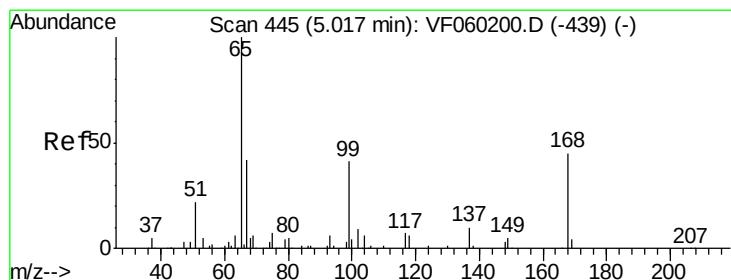
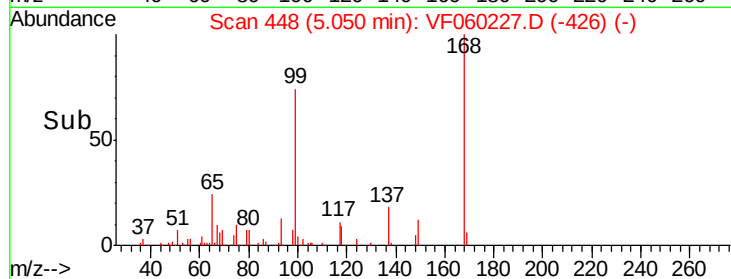
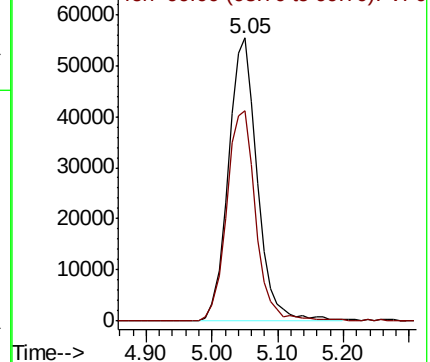
168 100

99 74.2 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 51.08 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060227.D

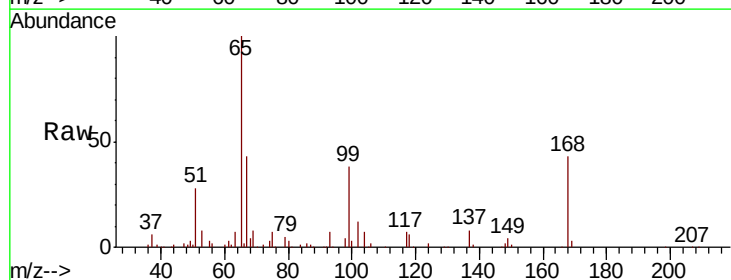
Acq: 10 Sep 2018 11:37

Tgt Ion: 65 Resp: 151642

Ion Ratio Lower Upper

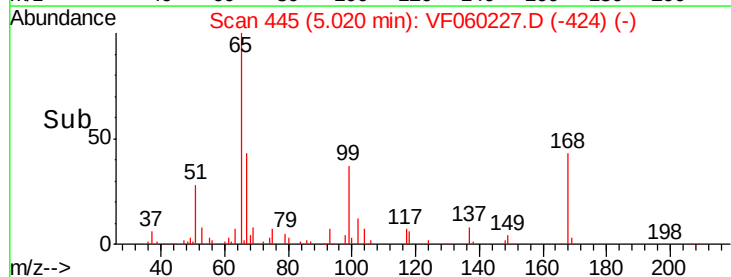
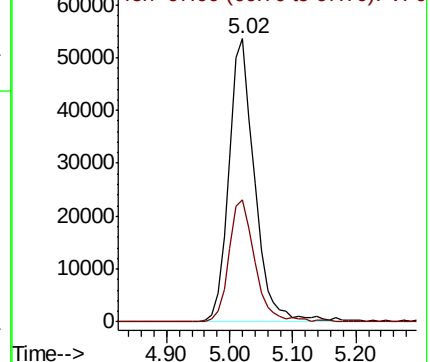
65 100

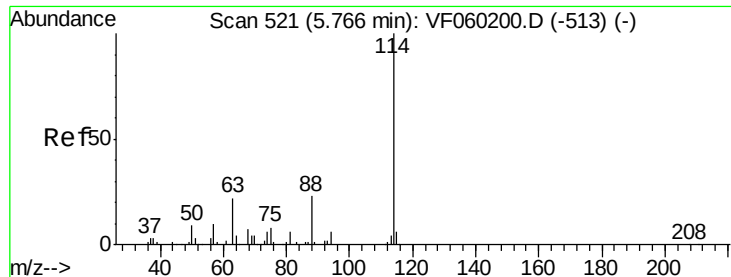
67 43.2 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

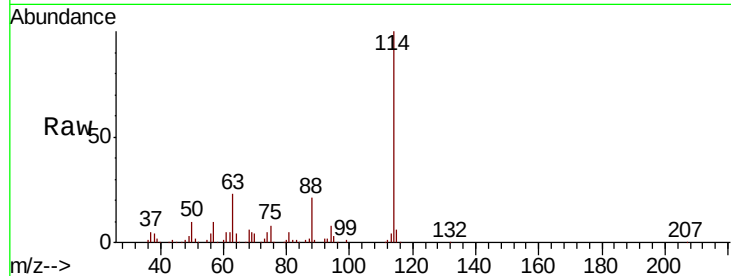




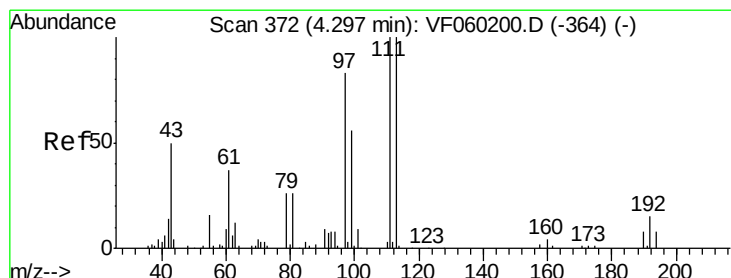
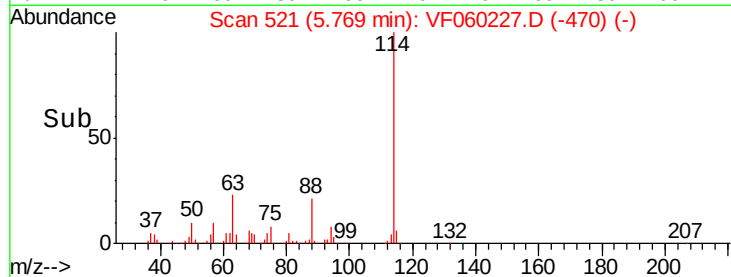
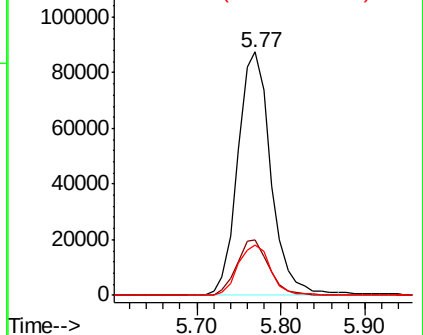
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060227.D
 Acq: 10 Sep 2018 11:37

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0910SBL01

Tot Ion:	114	Resp:	240852
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.6
88	20.8	0.0	46.4

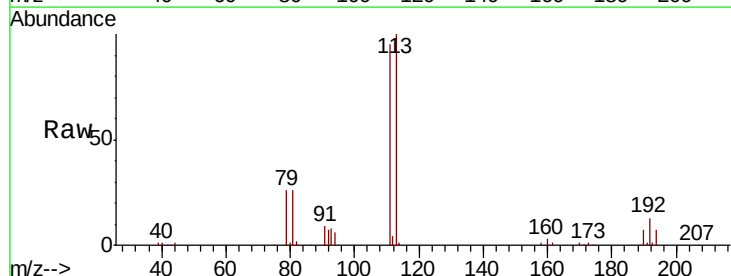


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

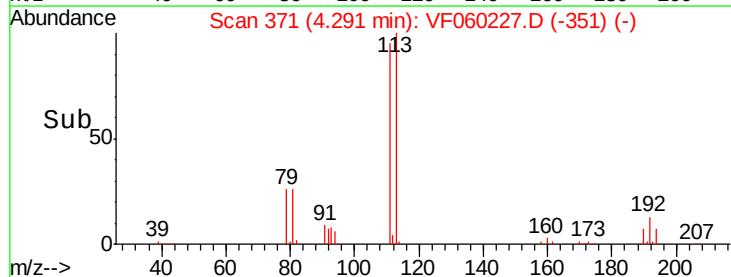
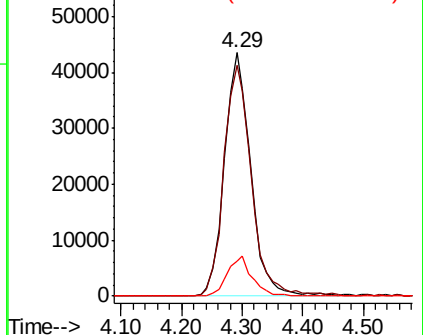


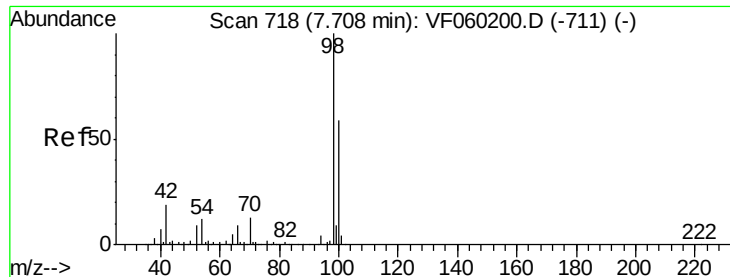
#35
 Dibromofluoromethane
 Concen: 55.78 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060227.D
 Acq: 10 Sep 2018 11:37

Tgt Ion:	113	Resp:	131623
Ion	Ratio	Lower	Upper
113	100		
111	94.8	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: 52.26 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.00 min

Lab File: VF060227.D

Acq: 10 Sep 2018 11:37

Instrument :

MSVOA_F

ClientSampleId :

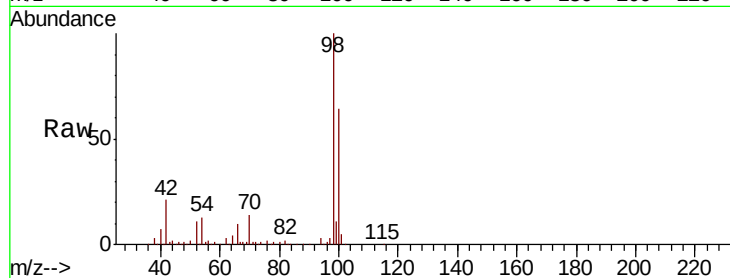
VF0910SBL01

Tot Ion: 98 Resp: 307703

Ion Ratio Lower Upper

98 100

100 63.7 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

150000

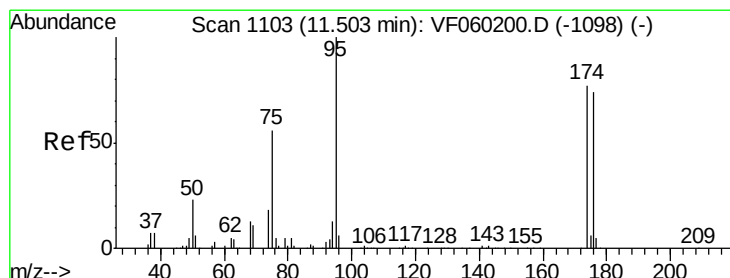
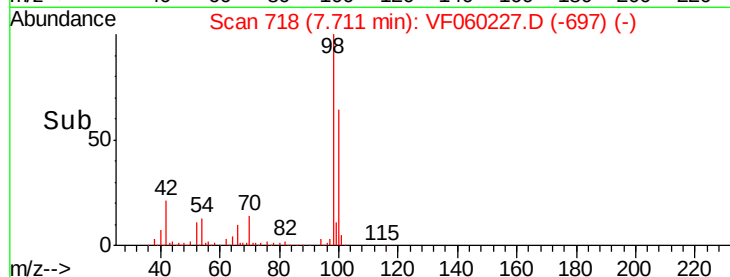
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 54.53 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060227.D

Acq: 10 Sep 2018 11:37

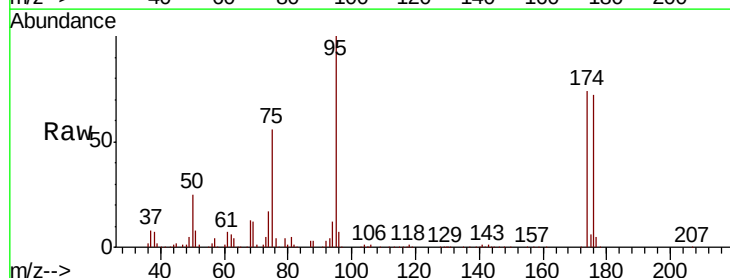
Tgt Ion: 95 Resp: 181154

Ion Ratio Lower Upper

95 100

174 73.7 0.0 153.2

176 71.5 0.0 147.2



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

11.51

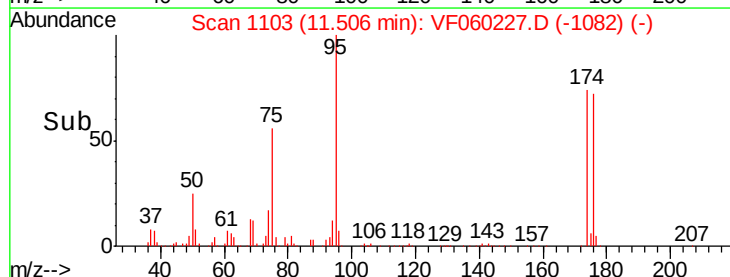
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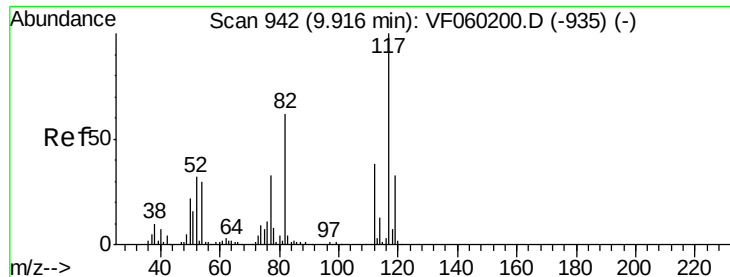
50000

0

Time-->

11.40 11.50 11.60

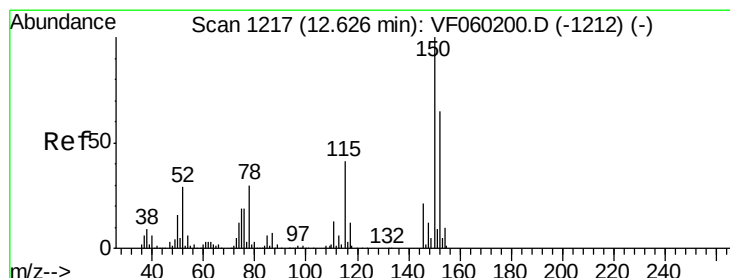
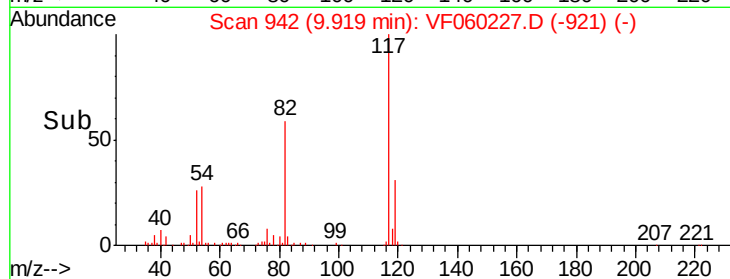
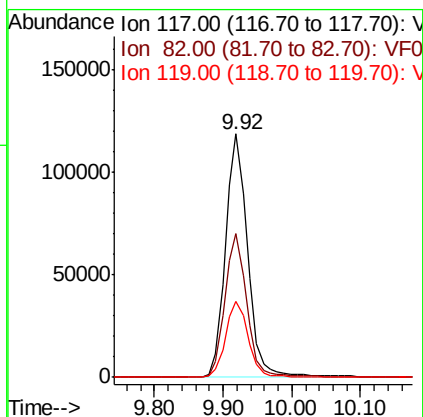
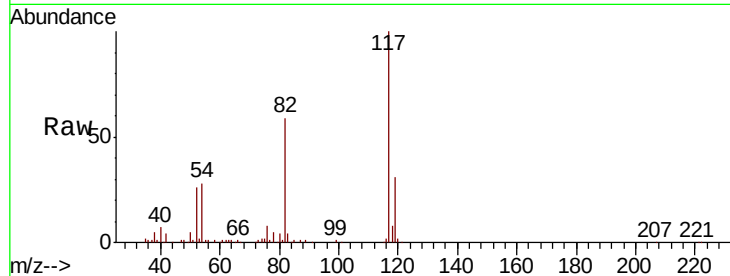




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060227.D
Acq: 10 Sep 2018 11:37

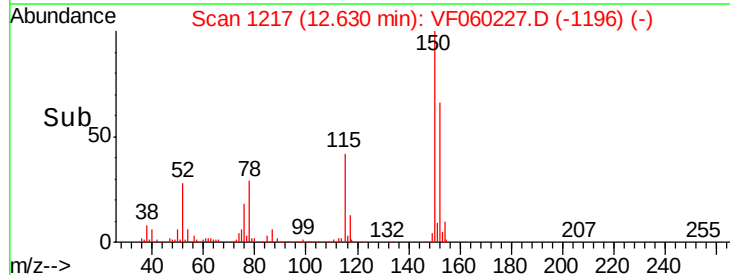
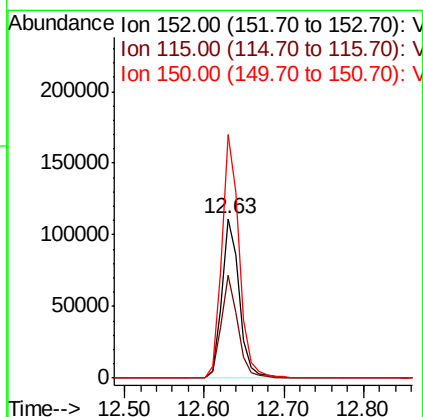
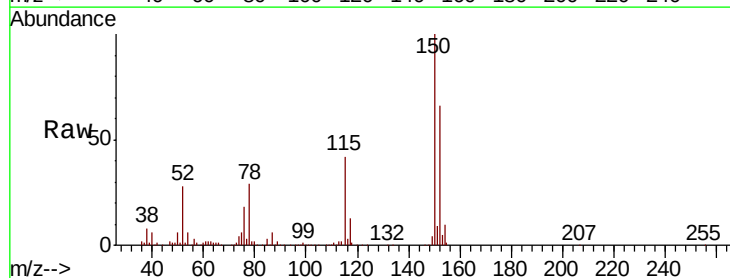
Instrument :
MSVOA_F
ClientSampleId :
VF0910SBL01

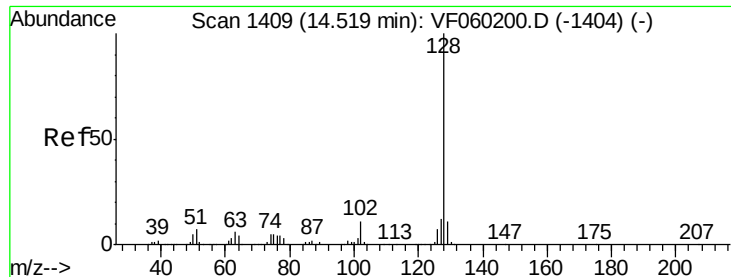
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.3	73.9
119	31.3	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060227.D
Acq: 10 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.5	94.5
150	152.5	0.0	310.4





#95

Naphthalene

Concen: 3.23 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VF060227.D

Acq: 10 Sep 2018 11:37

Instrument :

MSVOA_F

ClientSampleId :

VF0910SBL01

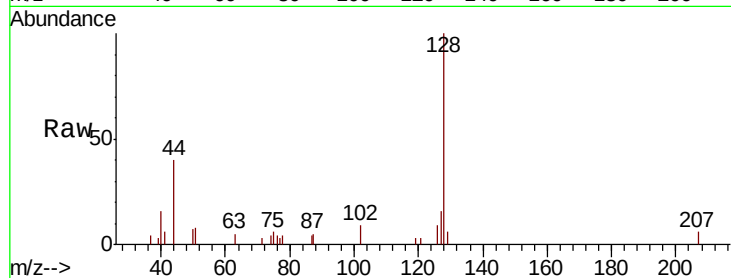
Tot Ion:128 Resp: 4277

Ion Ratio Lower Upper

128 100

127 15.9 9.9 14.9#

129 6.1 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

