

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060223.D
 Acq On : 7 Sep 2018 21:09
 Operator : VA/AP
 Sample : J4803-06
 Misc : 4.94g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-F7

Quant Time: Sep 08 00:35:02 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

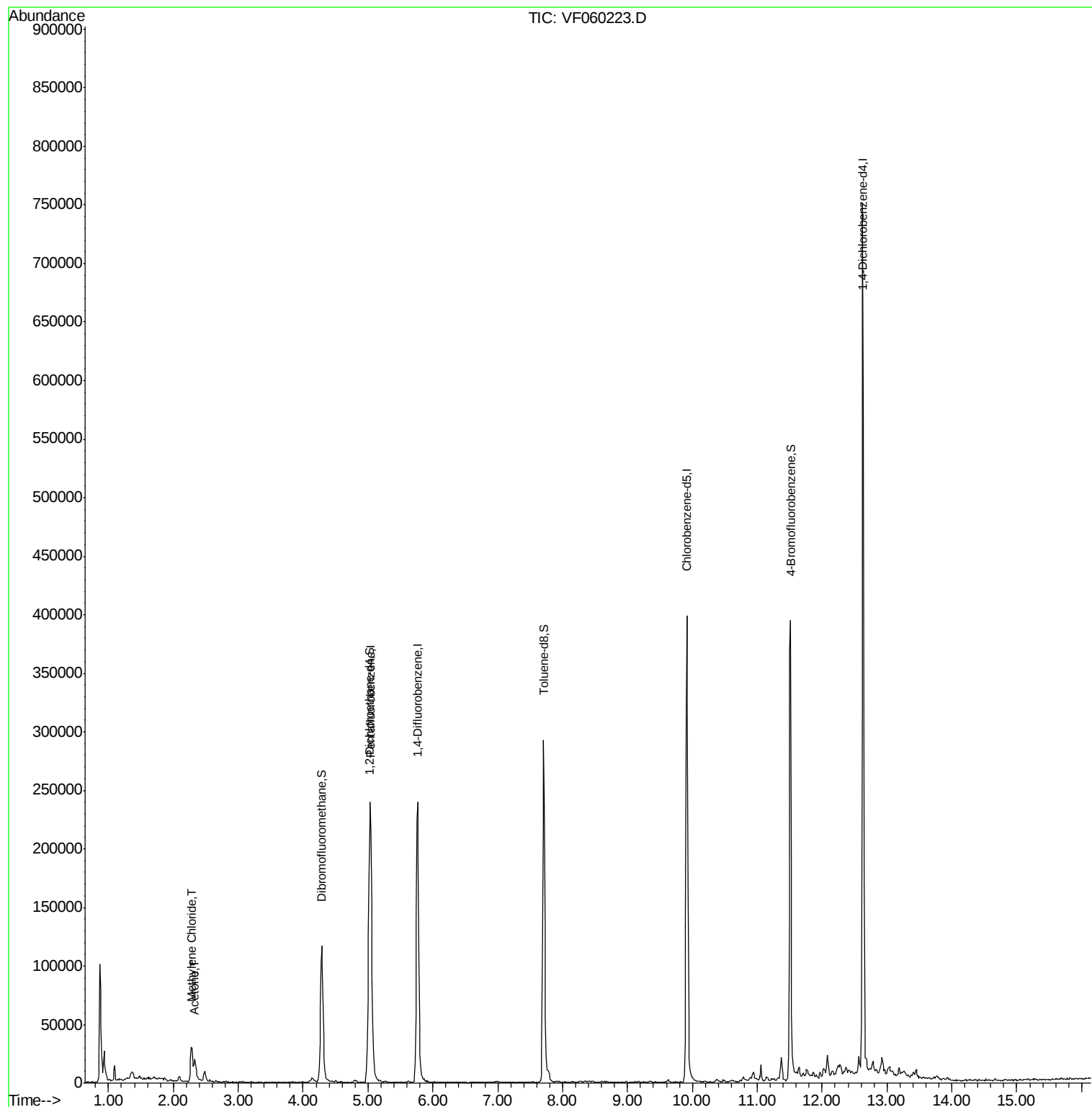
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	164566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	233612	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	257840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	175111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	123185	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
35) Dibromofluoromethane	4.29	113	102933	44.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.94%	
50) Toluene-d8	7.71	98	223289	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.20%	
62) 4-Bromofluorobenzene	11.50	95	134859	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
Target Compounds						
16) Acetone	2.33	43	23450	38.85	ug/l	# 93
20) Methylene Chloride	2.28	84	15988	3.02	ug/l	89

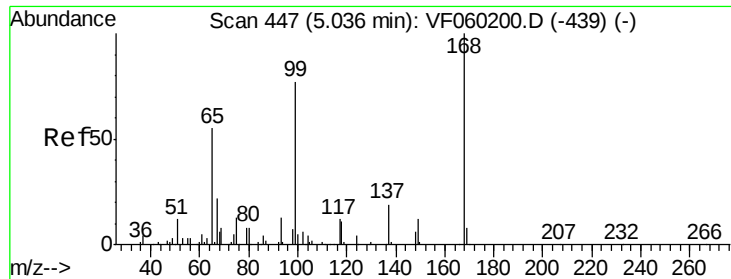
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060223.D

Acq: 7 Sep 2018 21:09

Instrument :

MSVOA_F

ClientSampleId :

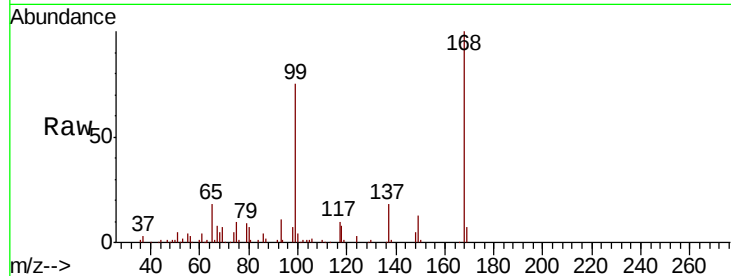
EP1-Q2-F7

Tot Ion:168 Resp: 164566

Ion Ratio Lower Upper

168 100

99 74.8 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

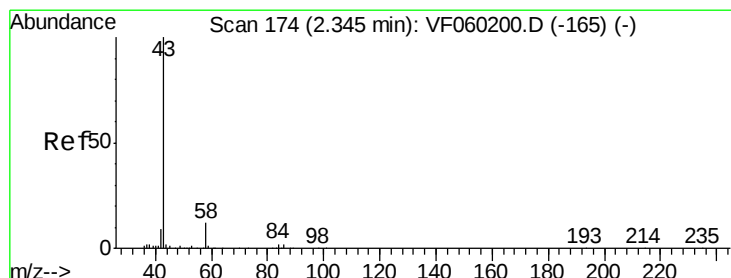
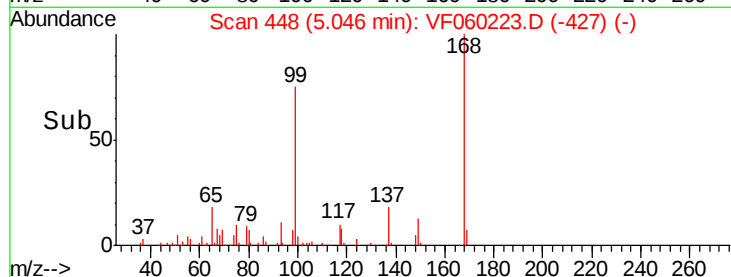
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 38.85 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060223.D

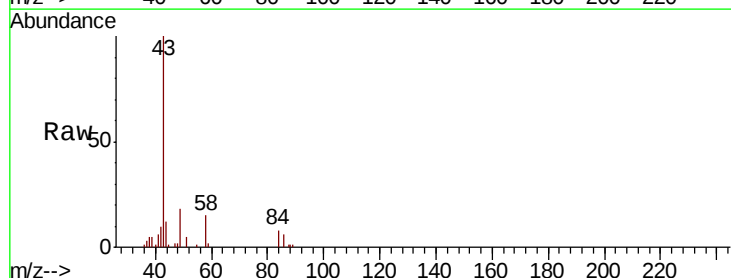
Acq: 7 Sep 2018 21:09

Tgt Ion: 43 Resp: 23450

Ion Ratio Lower Upper

43 100

58 14.7 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

10000

8000

6000

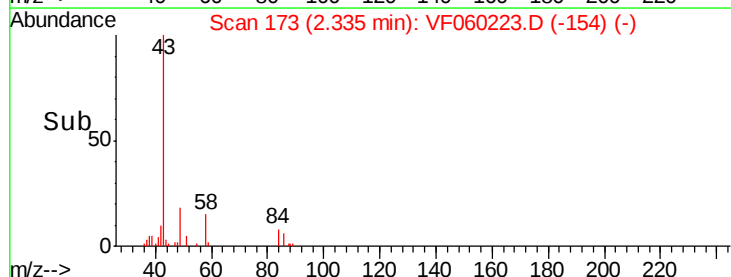
4000

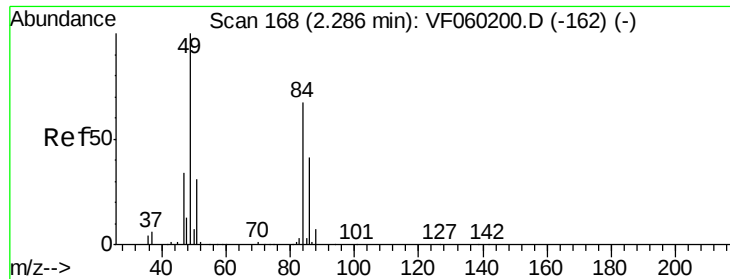
2000

0

Time-->

2.20 2.30 2.40 2.50

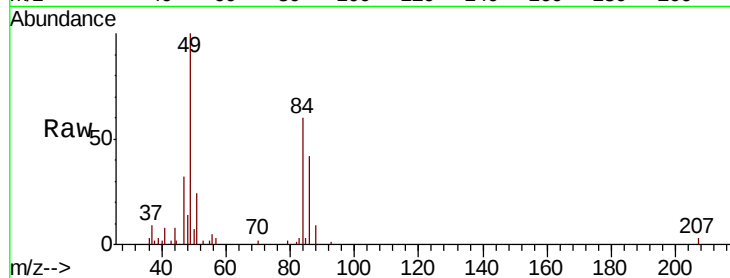




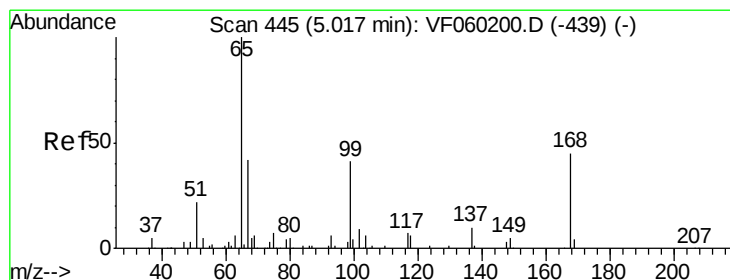
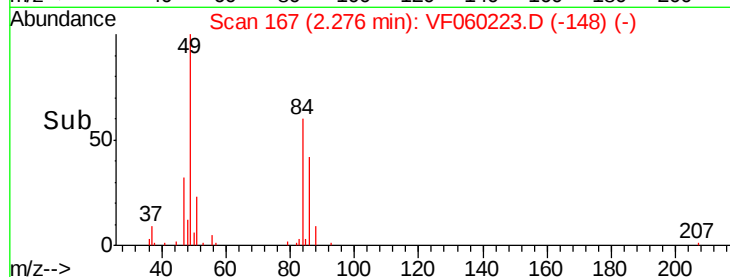
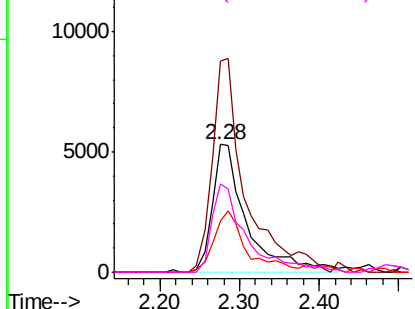
#20
Methvlene Chloride
Concen: 3.02 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F7

Tot Ion: 84 Resp: 15988
Ion Ratio Lower Upper
84 100
49 165.4 120.1 180.1
51 40.2 37.0 55.6
86 69.2 49.0 73.6

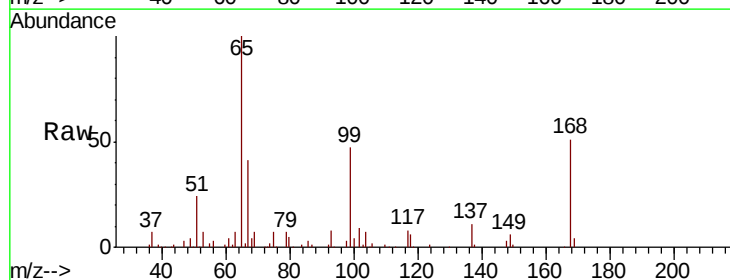


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

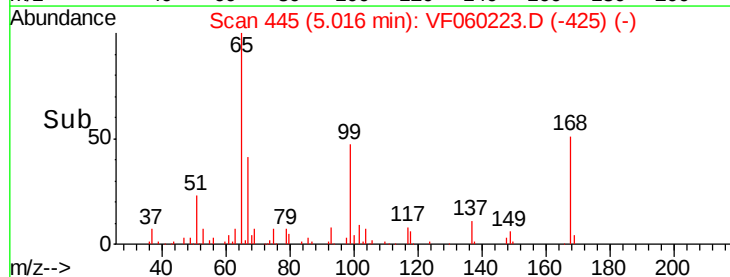
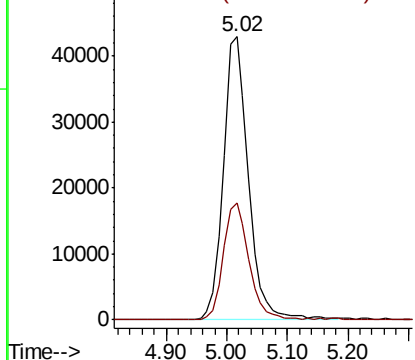


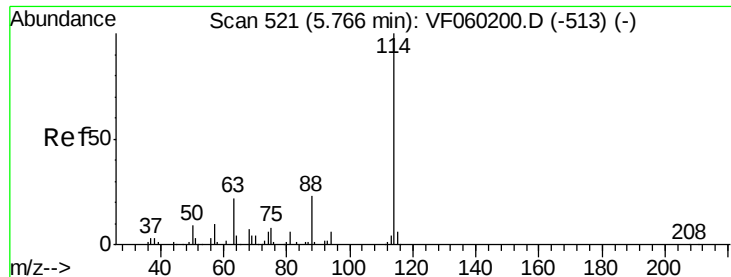
#33
1,2-Dichloroethane-d4
Concen: 42.85 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.00 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

Tgt Ion: 65 Resp: 123185
Ion Ratio Lower Upper
65 100
67 41.1 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: VF060223.D

Acq: 7 Sep 2018 21:09

Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-F7

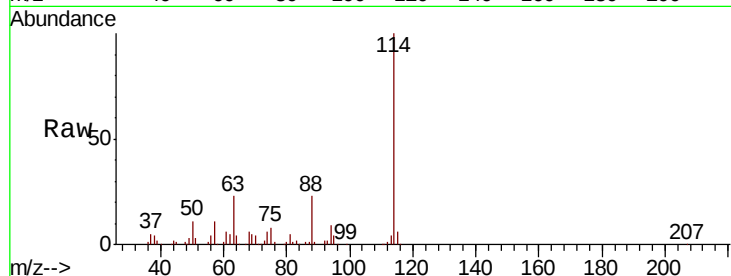
Tot Ion:114 Resp: 233612

Ion Ratio Lower Upper

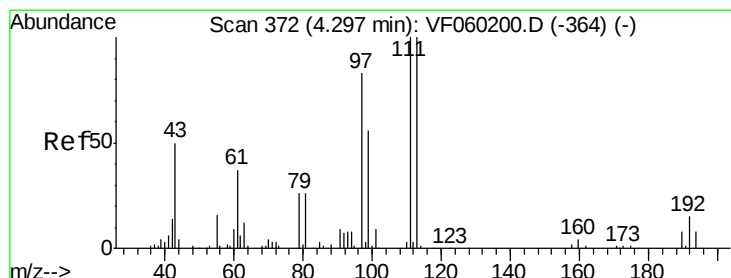
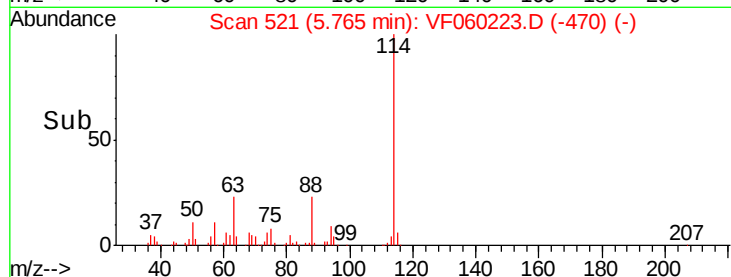
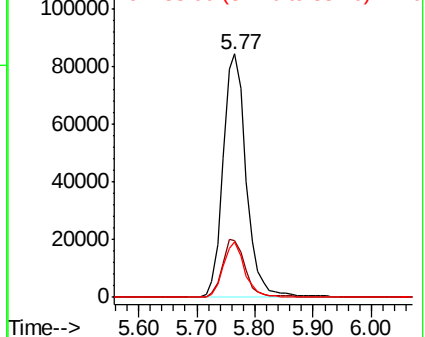
114 100

63 23.2 0.0 45.6

88 22.5 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: 44.97 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060223.D

Acq: 7 Sep 2018 21:09

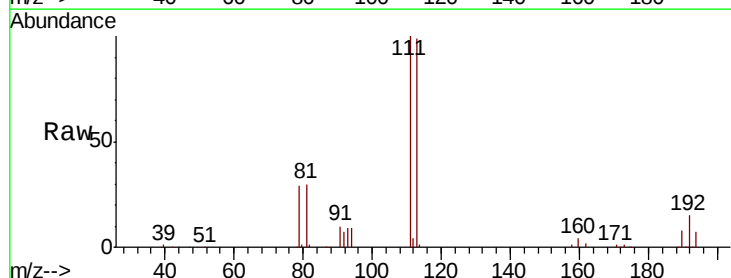
Tgt Ion:113 Resp: 102933

Ion Ratio Lower Upper

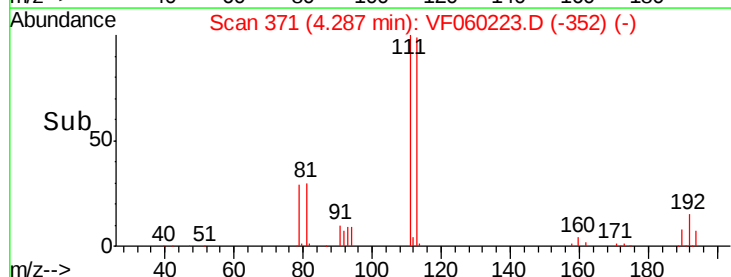
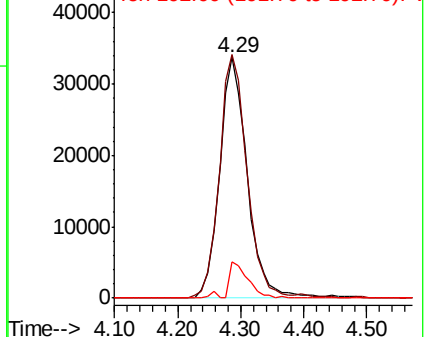
113 100

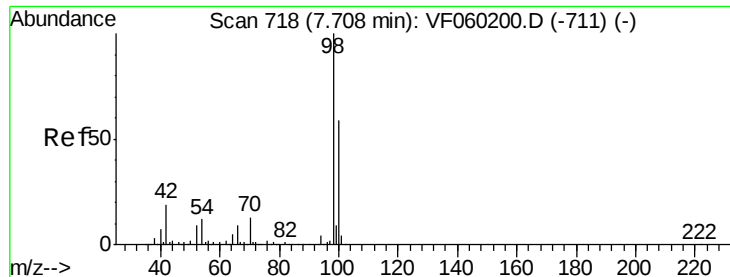
111 101.2 80.2 120.2

192 15.0 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

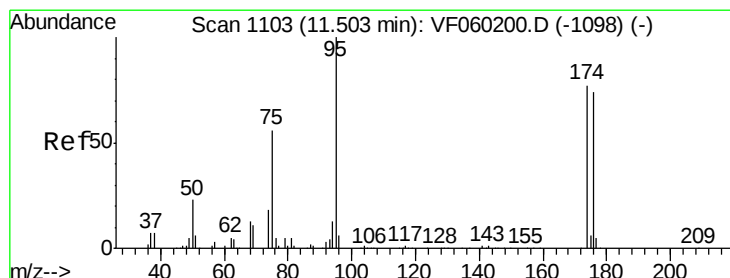
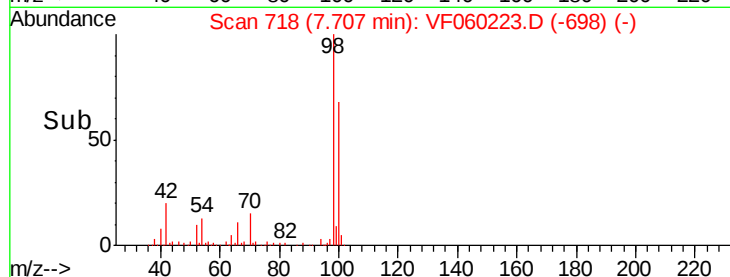
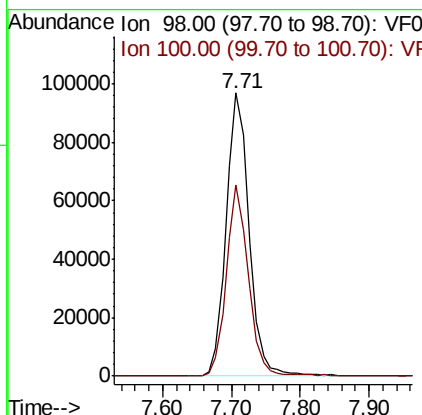
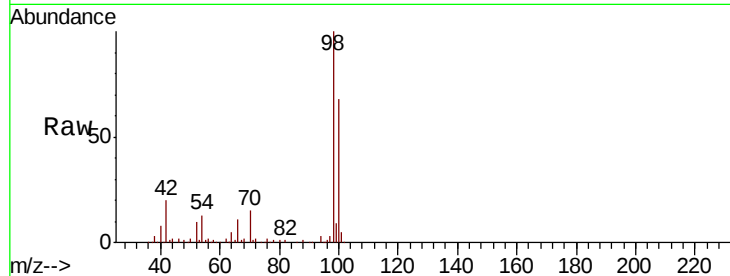




#50
Toluene-d8
Concen: 39.10 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

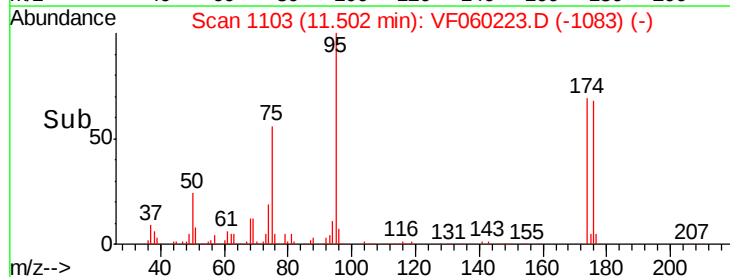
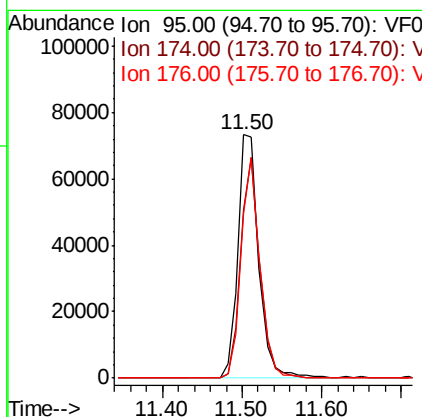
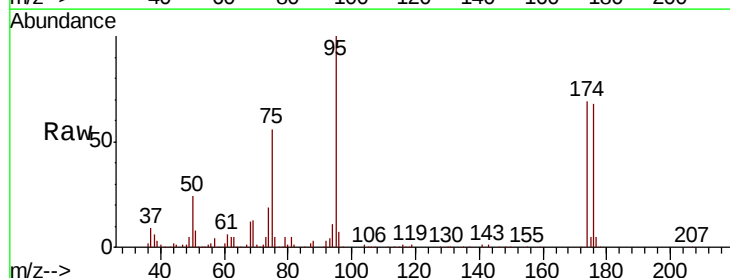
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F7

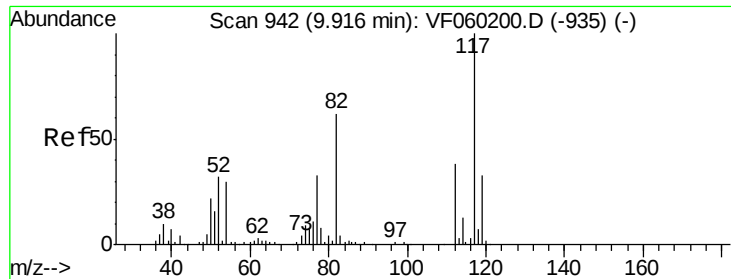
Tot Ion: 98 Resp: 223289
Ion Ratio Lower Upper
98 100
100 67.5 47.4 71.0



#62
4-Bromofluorobenzene
Concen: 41.85 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

Tgt Ion: 95 Resp: 134859
Ion Ratio Lower Upper
95 100
174 69.2 0.0 153.2
176 67.6 0.0 147.2

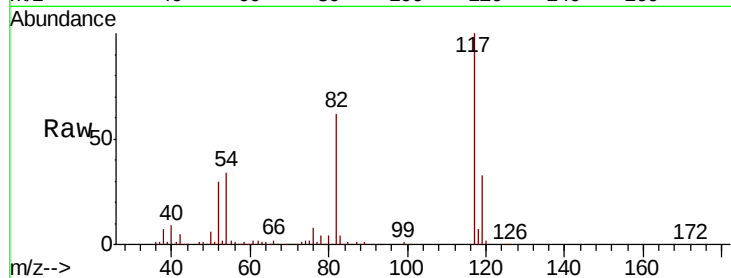




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F7

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	49.3	73.9
119	32.9	26.5	39.7

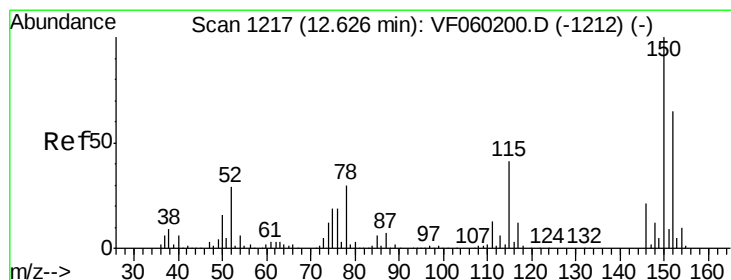
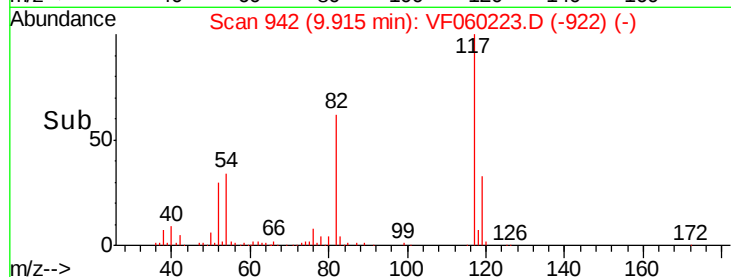
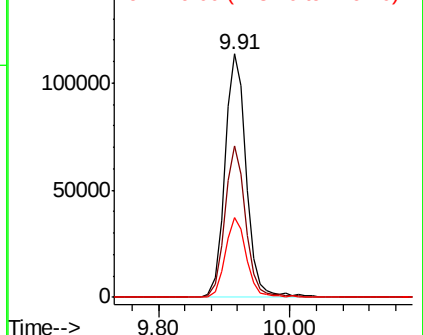


Abundance

Ion 117.00 (116.70 to 117.70): V

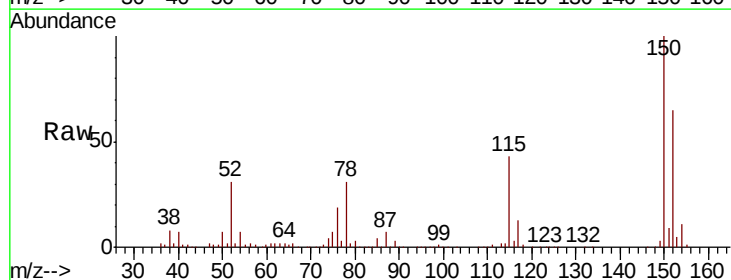
Ion 82.00 (81.70 to 82.70): V

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. -0.00 min
Lab File: VF060223.D
Acq: 7 Sep 2018 21:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	31.5	94.5
150	153.2	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

