

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060221.D
 Acq On : 7 Sep 2018 20:13
 Operator : VA/AP
 Sample : J4803-04
 Misc : 4.70u/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-F5

Quant Time: Sep 10 13:19:18 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

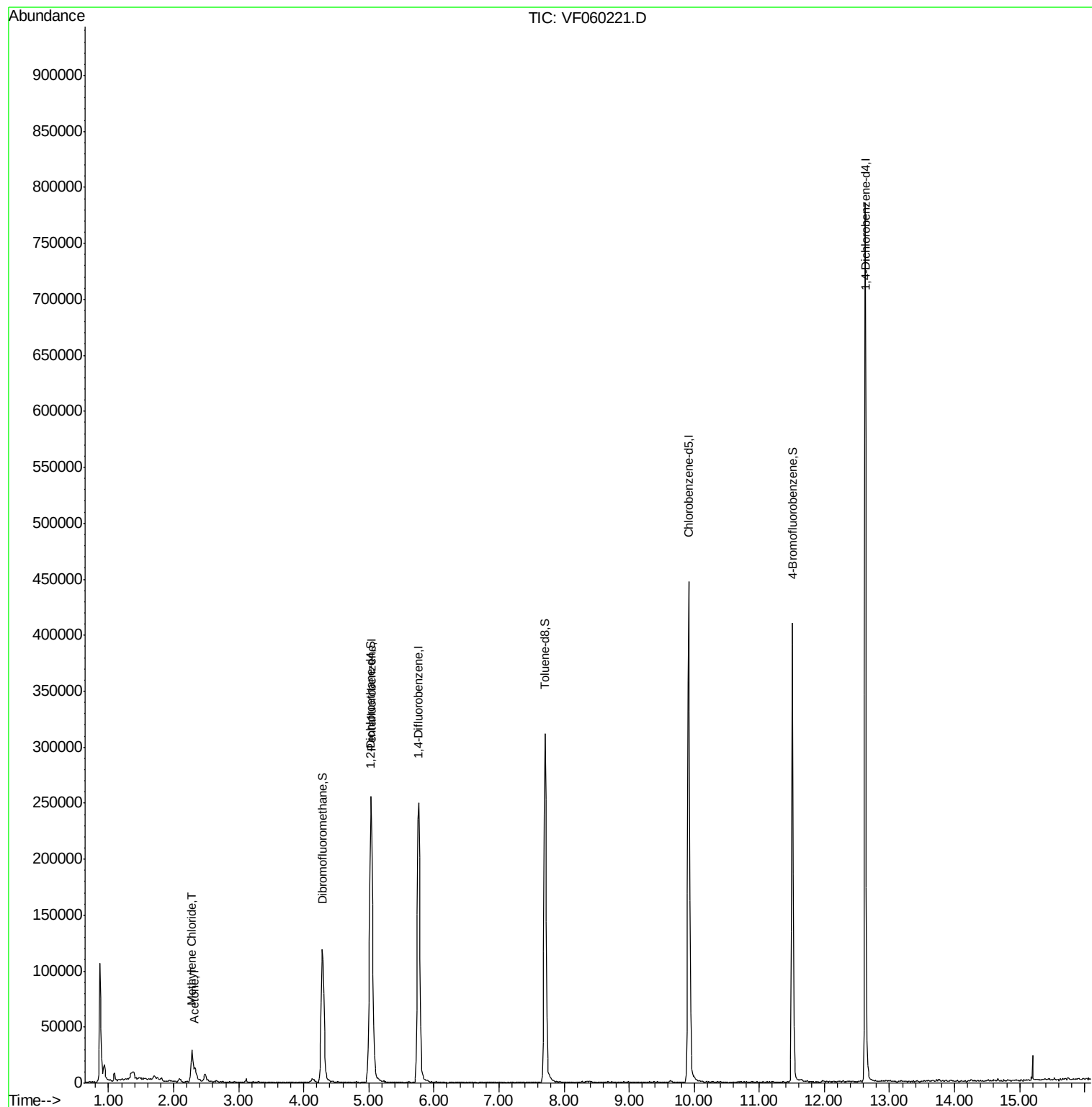
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	168871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	244058	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	283330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	181276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	130214	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
35) Dibromofluoromethane	4.29	113	105572	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
50) Toluene-d8	7.71	98	240120	40.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.48%	
62) 4-Bromofluorobenzene	11.51	95	137597	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
16) Acetone	2.34	43	11699	25.24	ug/l	98
20) Methylene Chloride	2.28	84	17638	4.06	ug/l	94

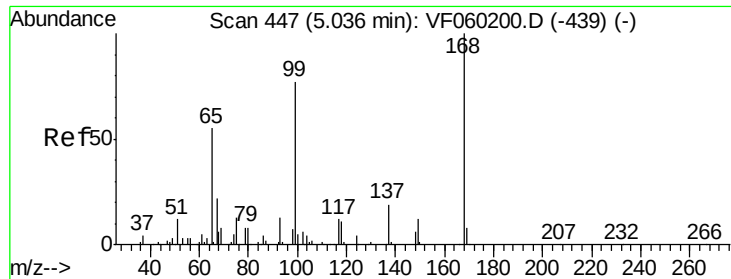
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060221.D

Acq: 7 Sep 2018 20:13

Instrument :

MSVOA_F

ClientSampleId :

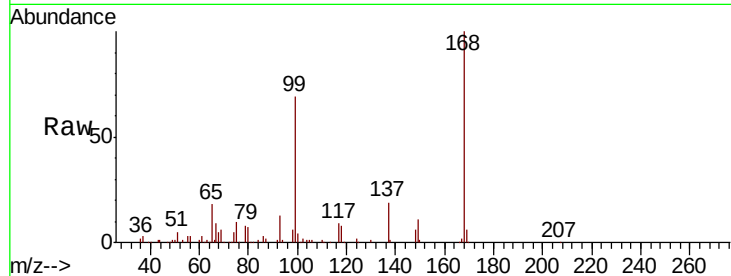
EP1-Q2-F5

Tot Ion:168 Resp: 168871

Ion Ratio Lower Upper

168 100

99 69.3 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

60000

40000

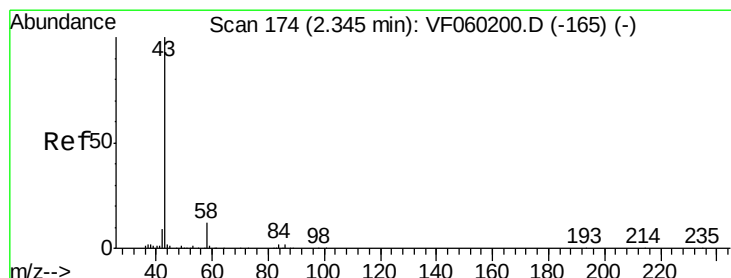
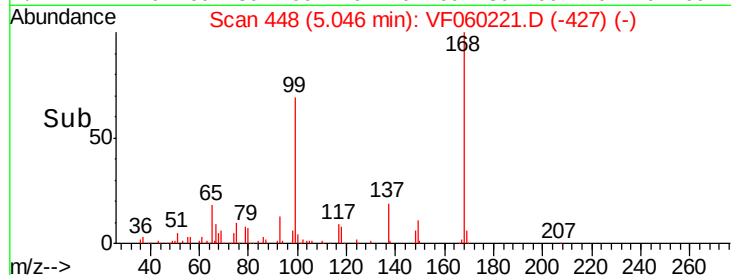
20000

0

Time-->

4.90 5.00 5.10

5.05



#16

Acetone

Concen: 25.24 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060221.D

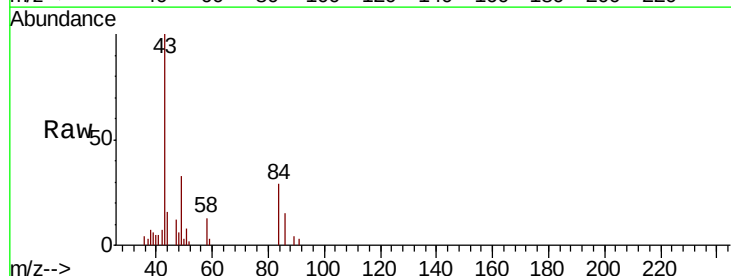
Acq: 7 Sep 2018 20:13

Tgt Ion: 43 Resp: 11699

Ion Ratio Lower Upper

43 100

58 12.7 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

5000

4000

3000

2000

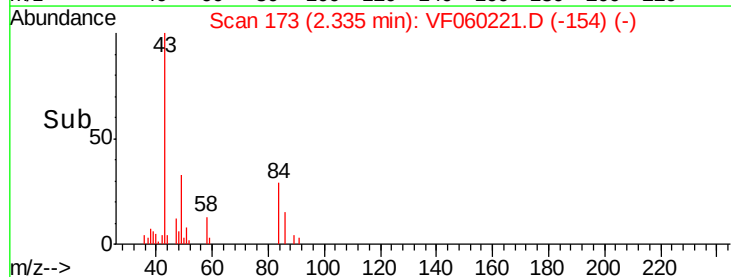
1000

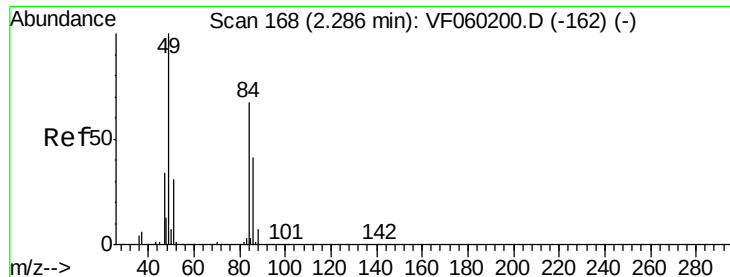
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Time-->

2.25 2.30 2.35 2.40

2.34

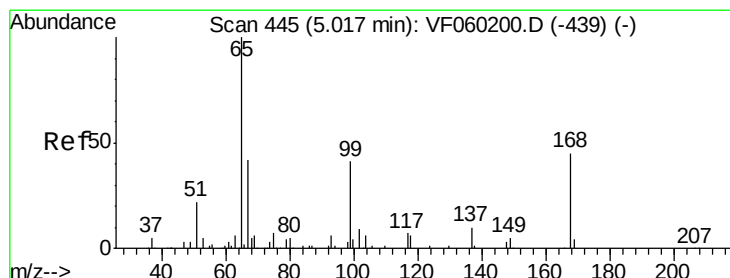
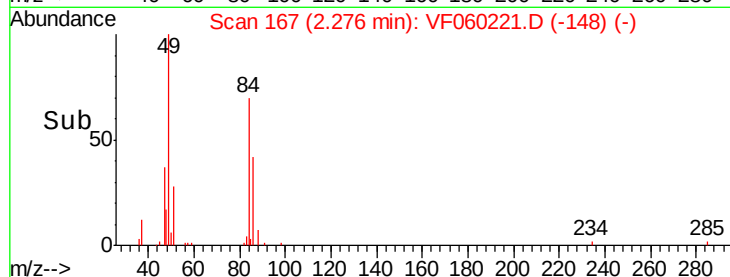
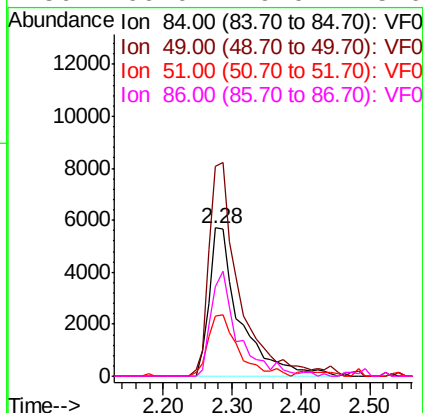
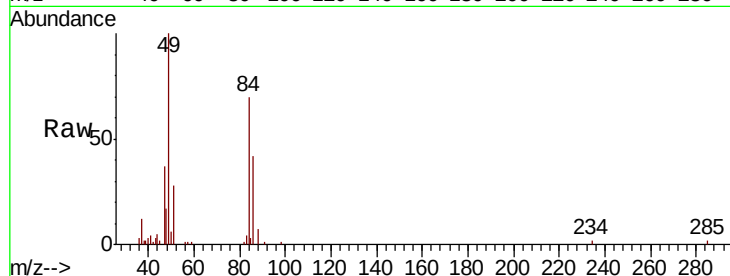




#20
Methylene Chloride
Concen: 4.06 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

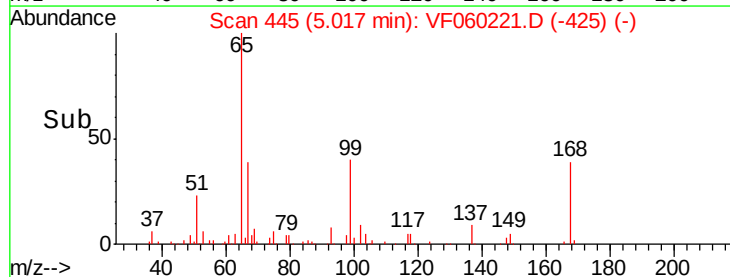
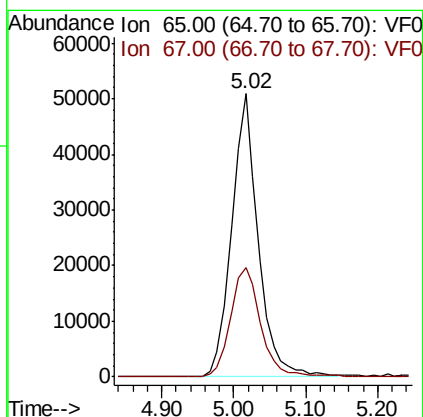
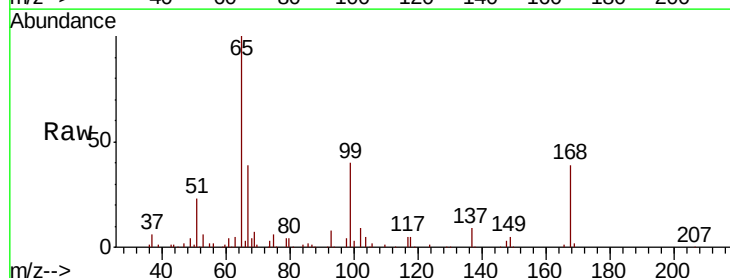
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F5

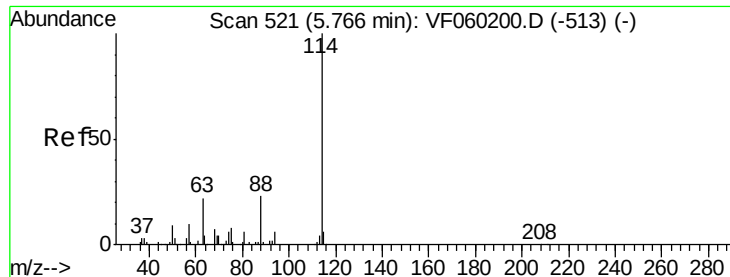
Tot Ion:	84	Resp:	17638
Ion	Ratio	Lower	Upper
84	100		
49	141.9	120.1	180.1
51	40.3	37.0	55.6
86	60.0	49.0	73.6



#33
1,2-Dichloroethane-d4
Concen: 44.14 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

Tgt Ion:	65	Resp:	130214
Ion	Ratio	Lower	Upper
65	100		
67	38.6	0.0	87.2

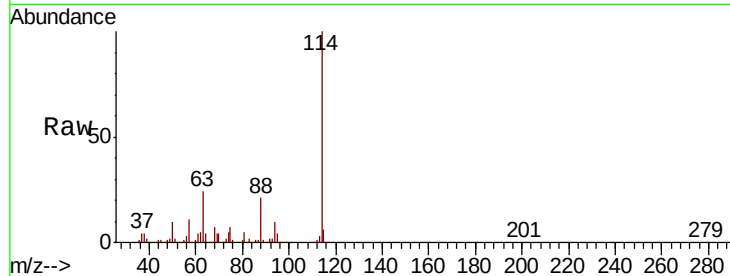




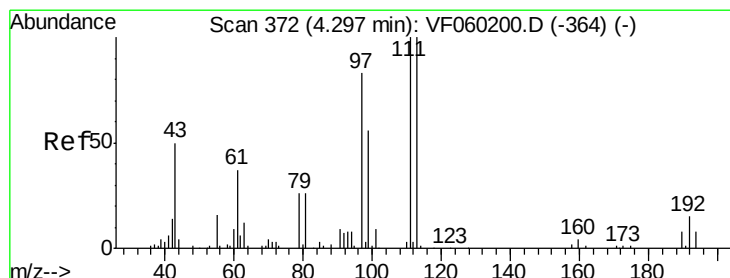
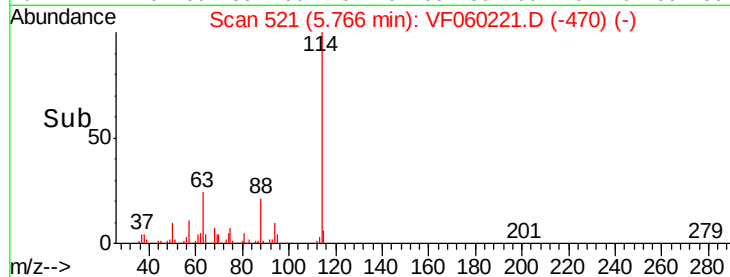
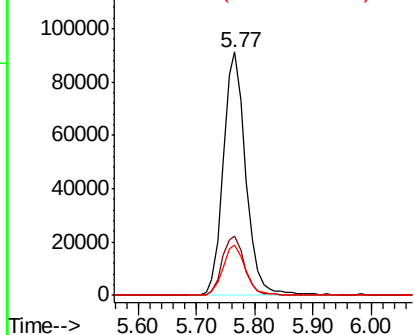
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060221.D
 Acq: 7 Sep 2018 20:13

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-F5

Tot Ion:114 Resp: 244058
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.6
 88 20.6 0.0 46.4

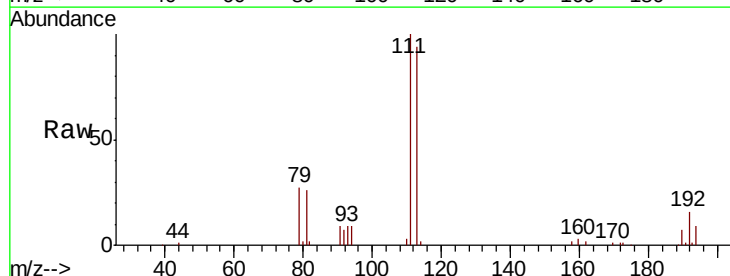


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

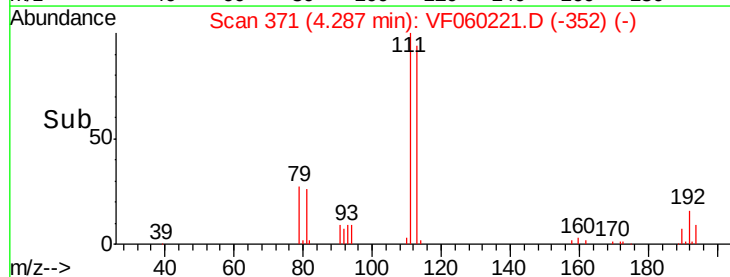
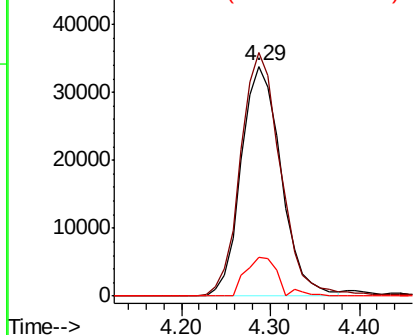


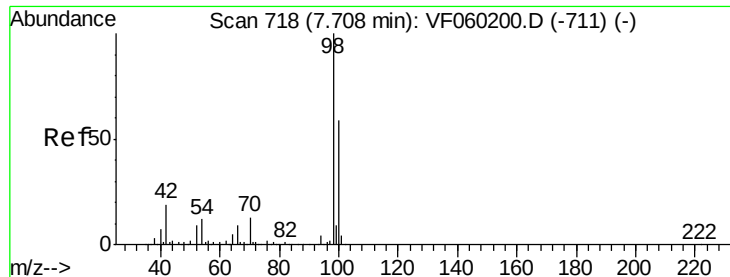
#35
 Dibromofluoromethane
 Concen: 44.15 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060221.D
 Acq: 7 Sep 2018 20:13

Tgt Ion:113 Resp: 105572
 Ion Ratio Lower Upper
 113 100
 111 106.1 80.2 120.2
 192 17.0 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

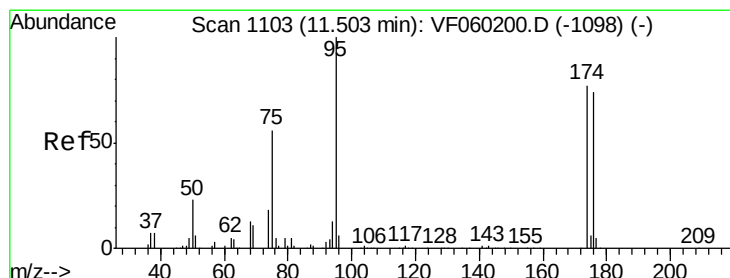
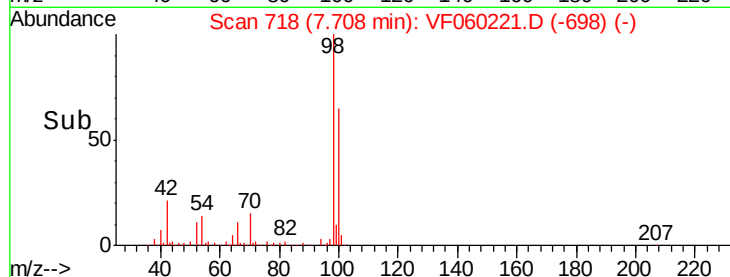
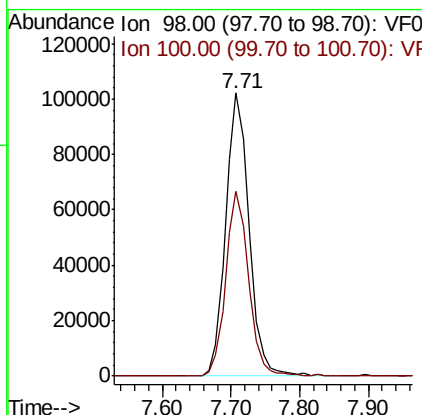
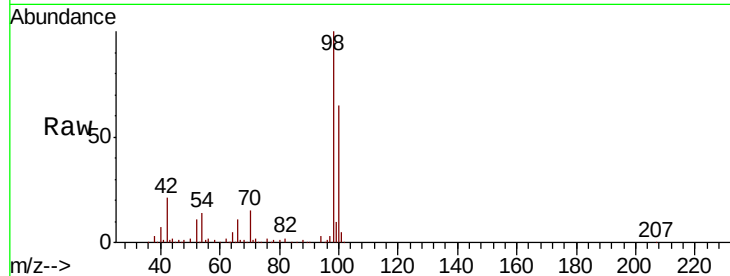




#50
Toluene-d8
Concen: 40.24 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

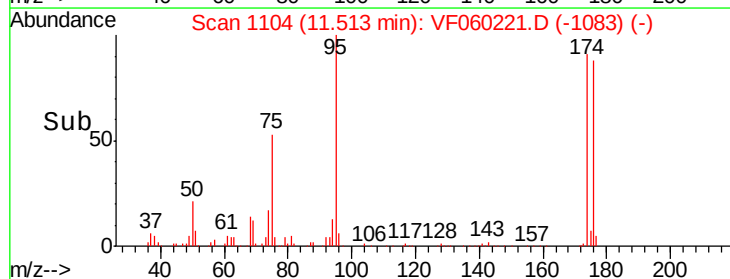
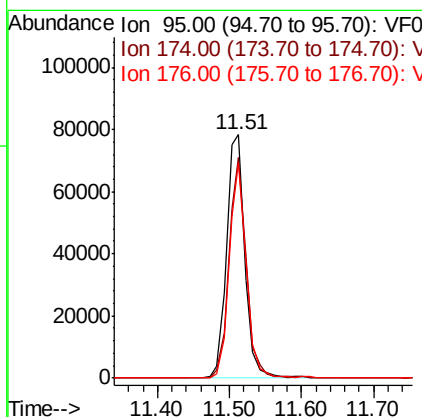
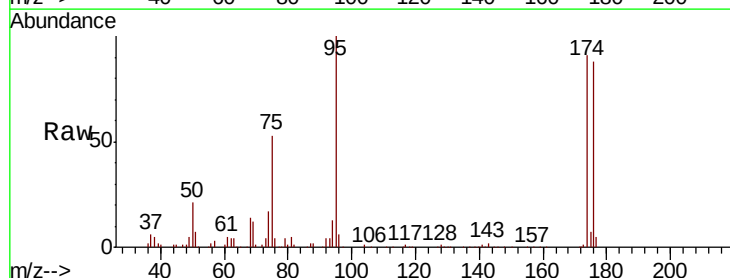
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F5

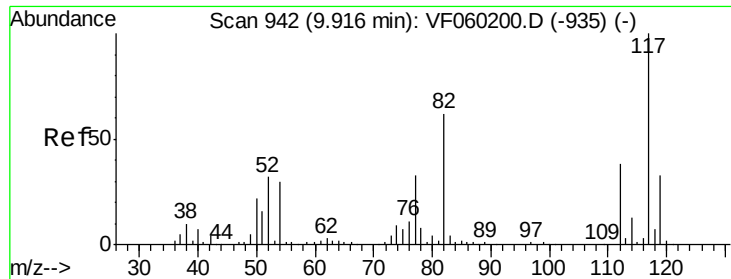
Tot Ion: 98 Resp: 240120
Ion Ratio Lower Upper
98 100
100 65.4 47.4 71.0



#62
4-Bromofluorobenzene
Concen: 40.87 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

Tgt Ion: 95 Resp: 137597
Ion Ratio Lower Upper
95 100
174 90.7 0.0 153.2
176 88.3 0.0 147.2

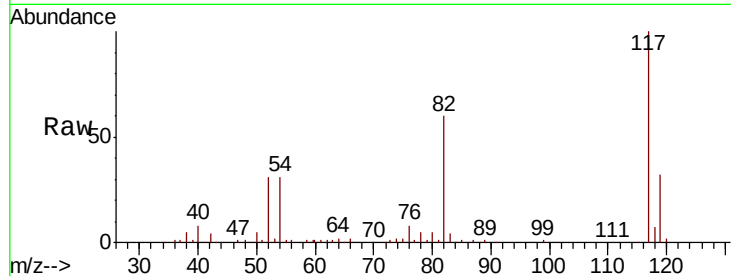




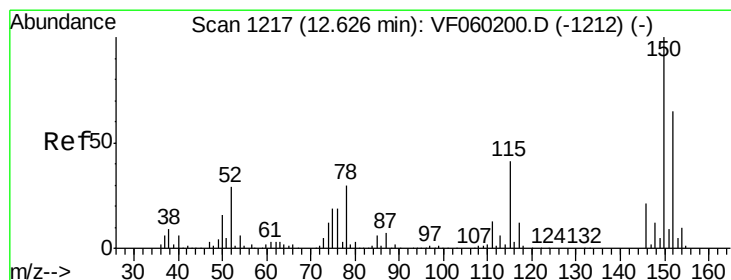
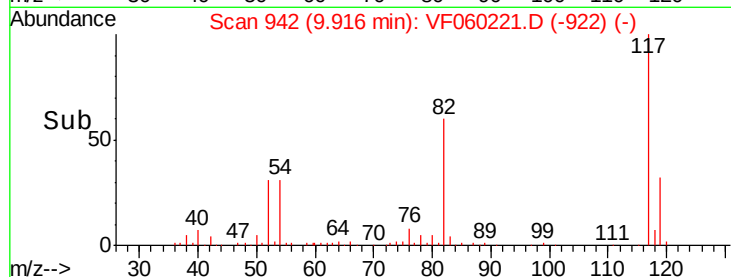
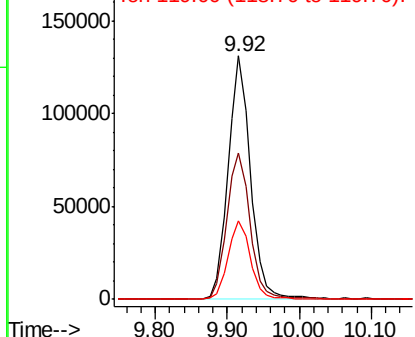
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-F5

Tot Ion:117 Resp: 283330
Ion Ratio Lower Upper
117 100
82 60.3 49.3 73.9
119 32.3 26.5 39.7

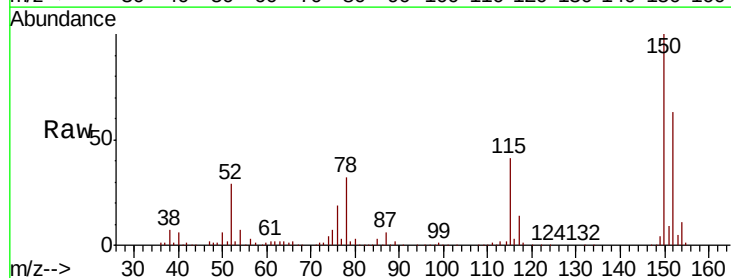


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060221.D
Acq: 7 Sep 2018 20:13

Tgt Ion:152 Resp: 181276
Ion Ratio Lower Upper
152 100
115 65.1 31.5 94.5
150 158.4 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

