

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060230.D
 Acq On : 10 Sep 2018 13:08
 Operator : VA/AP
 Sample : J4803-01
 Misc : 4.92g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-E5

Quant Time: Sep 11 09:34:50 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

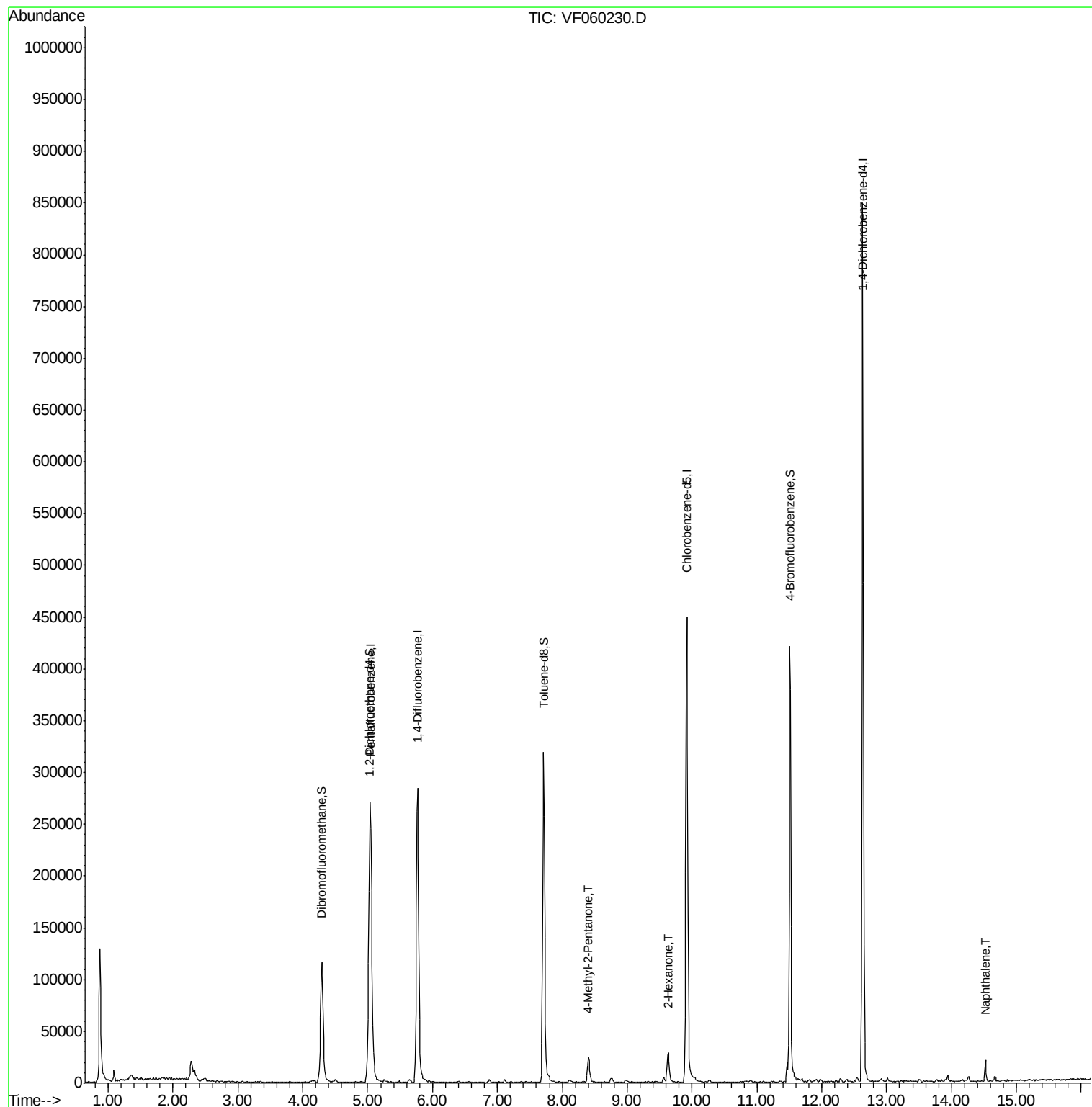
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	197442	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	278456	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	298070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	191968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	111024	32.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.38%	
35) Dibromofluoromethane	4.29	113	101003	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
50) Toluene-d8	7.71	98	246512	36.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.42%	
62) 4-Bromofluorobenzene	11.51	95	145465	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
Target Compounds						
51) 4-Methyl-2-Pentanone	8.40	43	20994	12.40	ug/l	94
59) 2-Hexanone	9.63	43	25435	18.99	ug/l	94
95) Naphthalene	14.52	128	12920	4.30	ug/l	97

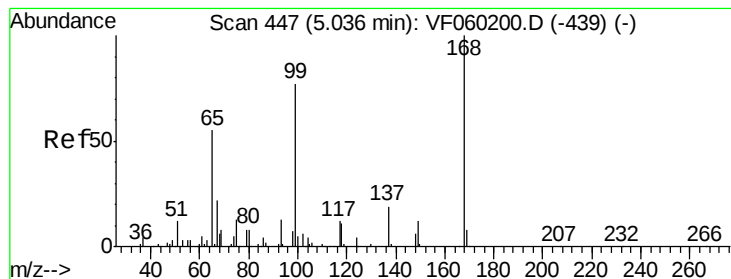
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060230.D

Acq: 10 Sep 2018 13:08

Instrument :

MSVOA_F

ClientSampleId :

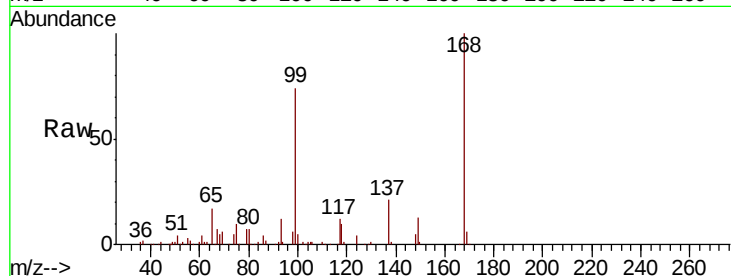
EP1-Q2-E5

Tot Ion:168 Resp: 197442

Ion Ratio Lower Upper

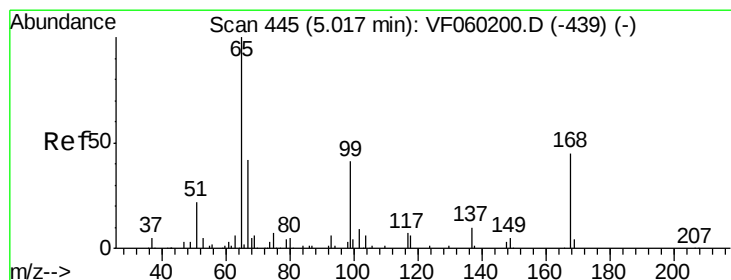
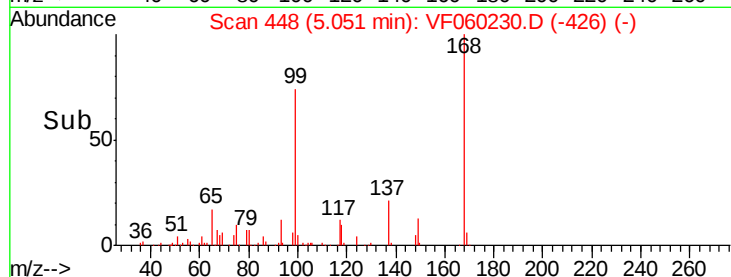
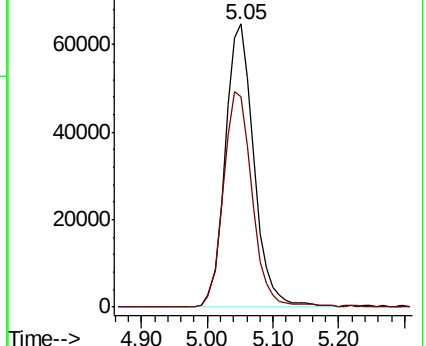
168 100

99 74.4 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: 32.19 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060230.D

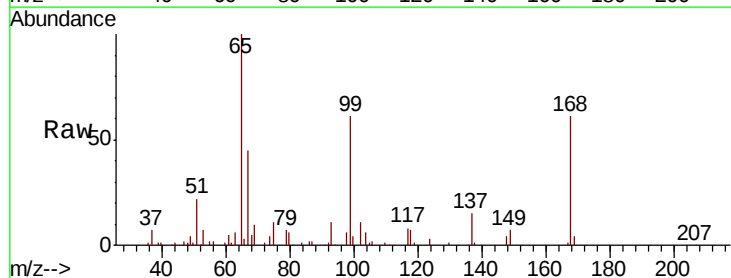
Acq: 10 Sep 2018 13:08

Tgt Ion: 65 Resp: 111024

Ion Ratio Lower Upper

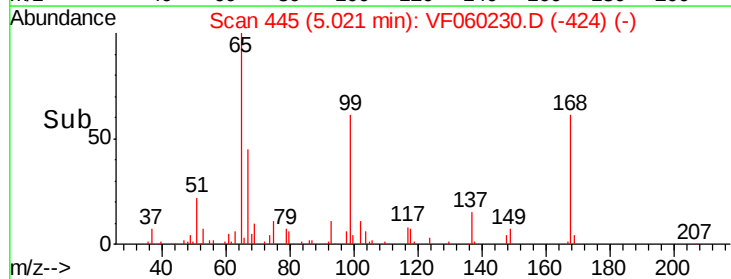
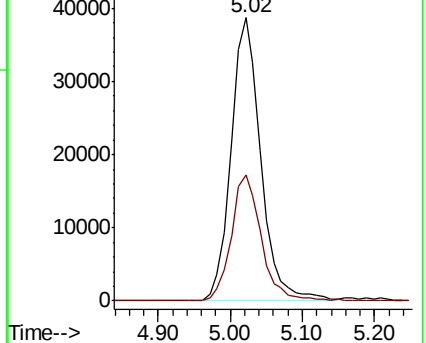
65 100

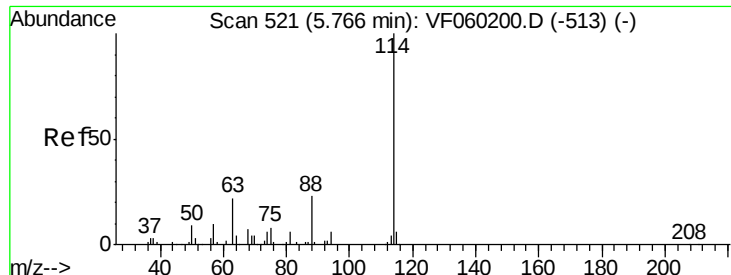
67 44.6 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

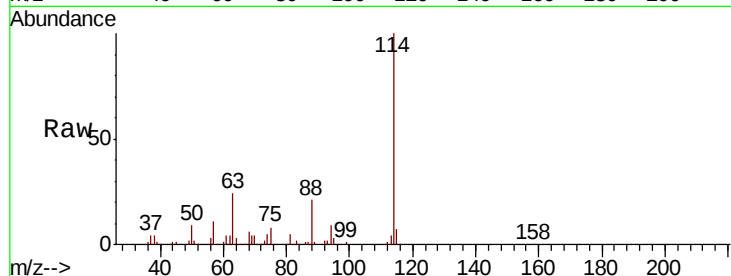




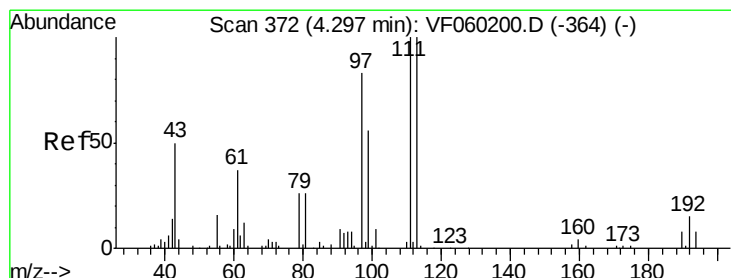
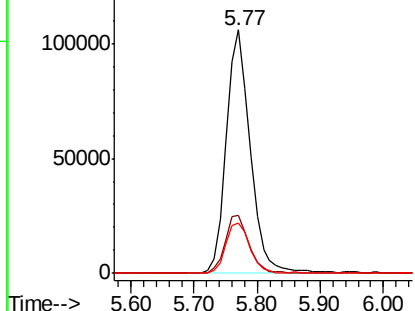
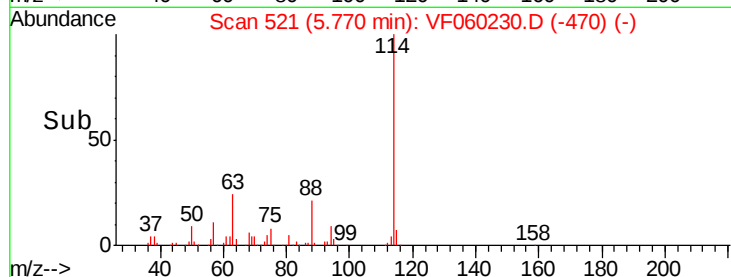
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060230.D
 Acq: 10 Sep 2018 13:08

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q2-E5

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.6
88	20.8	0.0	46.4

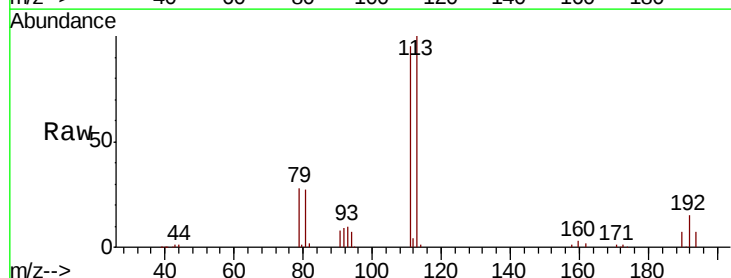


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

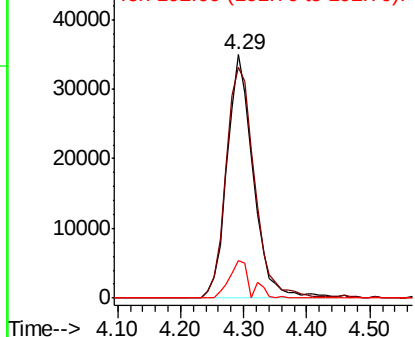
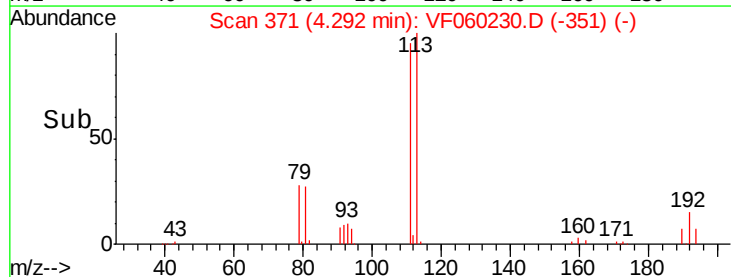


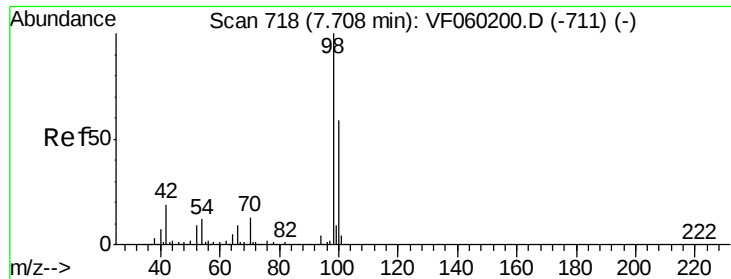
#35
 Dibromofluoromethane
 Concen: 37.02 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060230.D
 Acq: 10 Sep 2018 13:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	95.0	80.2	120.2
192	15.2	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: 36.21 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.00 min

Lab File: VF060230.D

Acq: 10 Sep 2018 13:08

Instrument :

MSVOA_F

ClientSampleId :

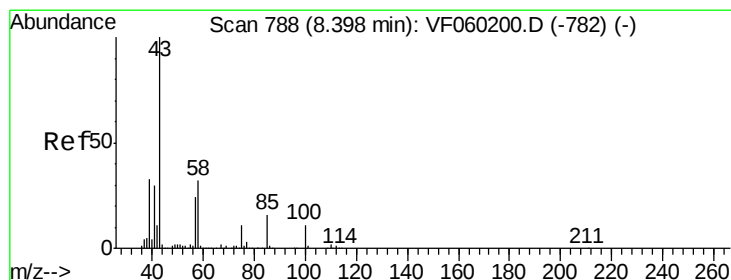
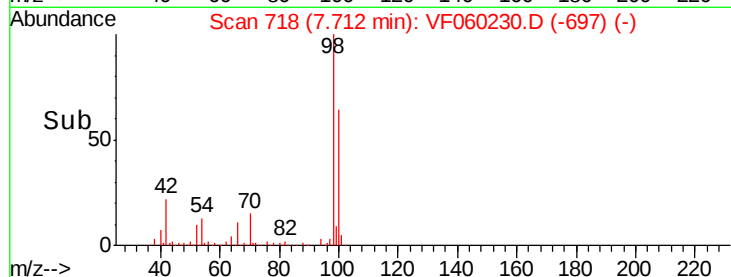
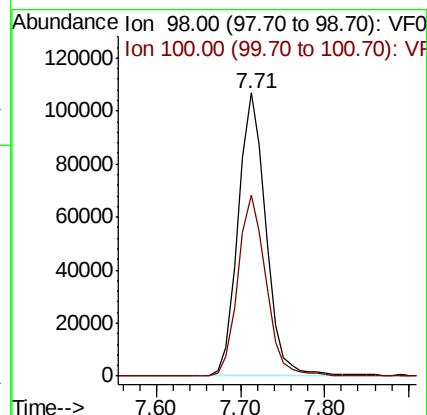
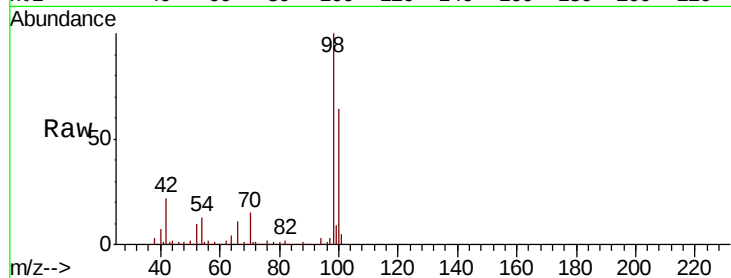
EP1-Q2-E5

Tot Ion: 98 Resp: 246512

Ion Ratio Lower Upper

98 100

100 64.0 47.4 71.0



#51

4-Methyl-2-Pentanone

Concen: 12.40 ug/l

RT: 8.40 min Scan# 788

Delta R.T. 0.00 min

Lab File: VF060230.D

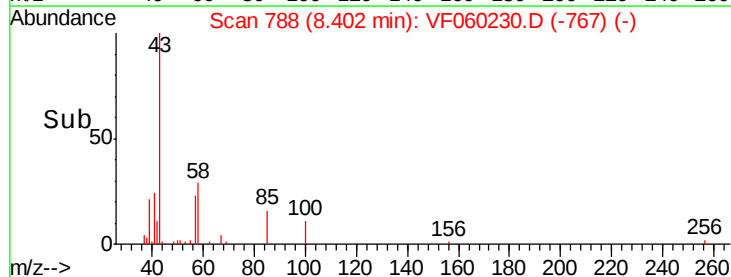
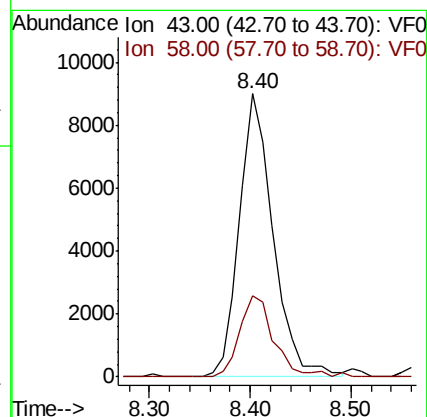
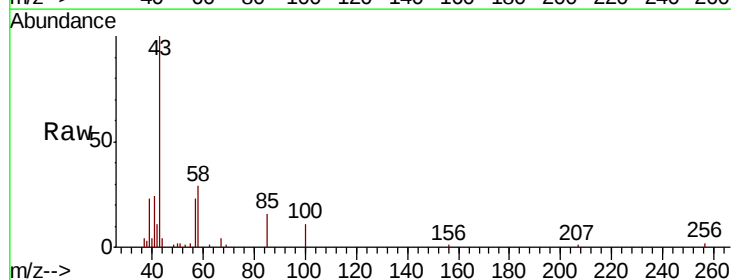
Acq: 10 Sep 2018 13:08

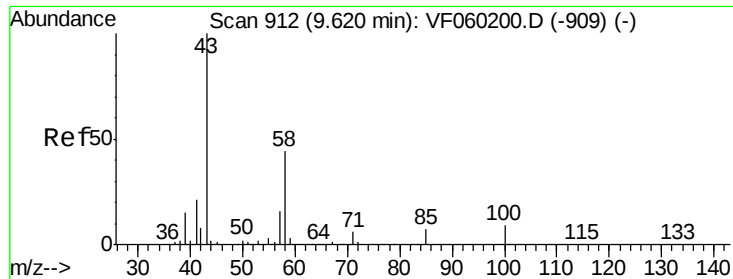
Tgt Ion: 43 Resp: 20994

Ion Ratio Lower Upper

43 100

58 28.9 25.8 38.6

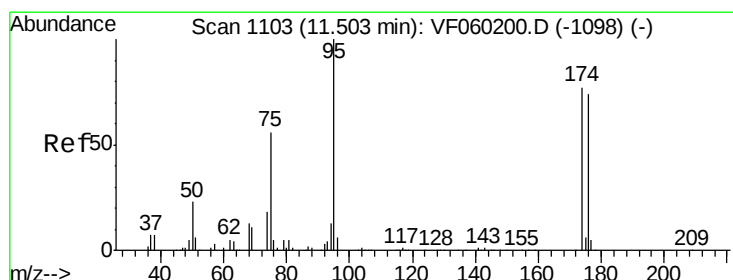
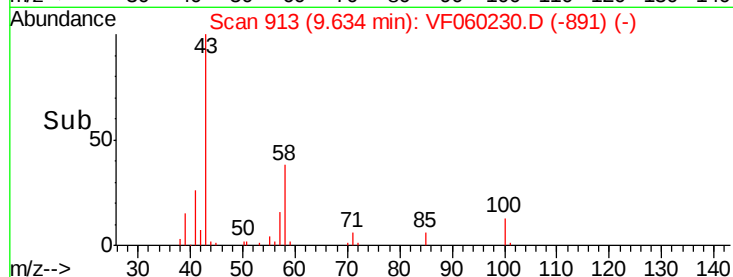
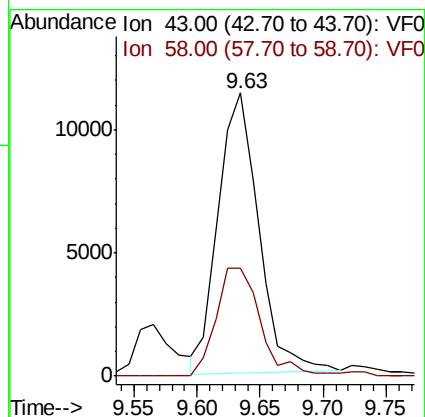
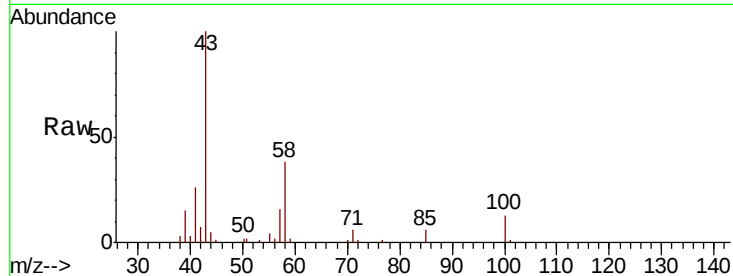




#59
2-Hexanone
Concen: 18.99 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.02 min
Lab File: VF060230.D
Acq: 10 Sep 2018 13:08

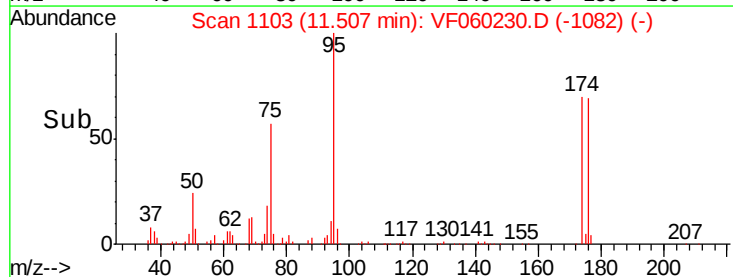
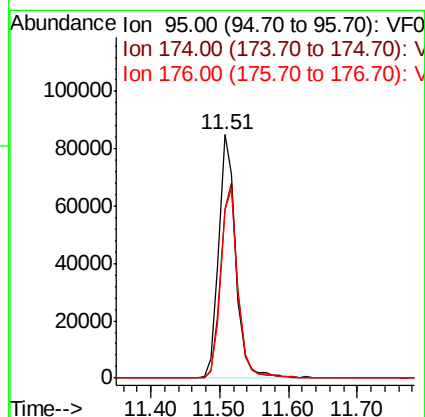
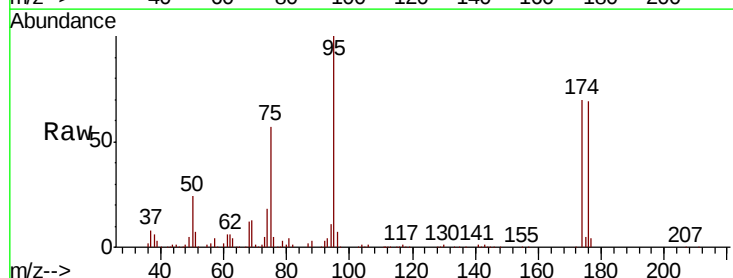
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E5

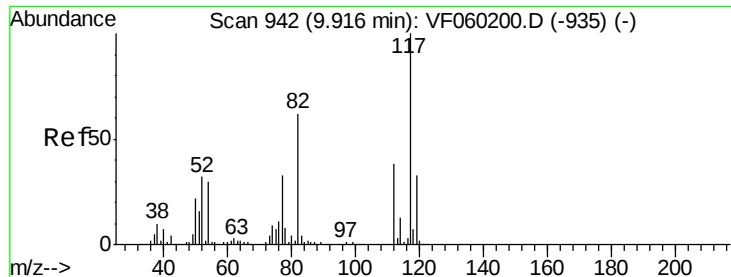
Tot Ion: 43 Resp: 25435
Ion Ratio Lower Upper
43 100
58 38.1 20.8 62.5



#62
4-Bromofluorobenzene
Concen: 37.87 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060230.D
Acq: 10 Sep 2018 13:08

Tgt Ion: 95 Resp: 145465
Ion Ratio Lower Upper
95 100
174 69.7 0.0 153.2
176 69.2 0.0 147.2

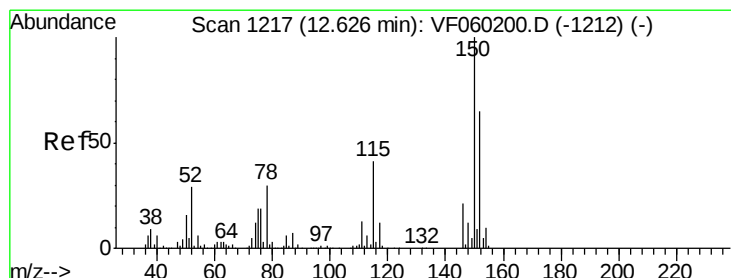
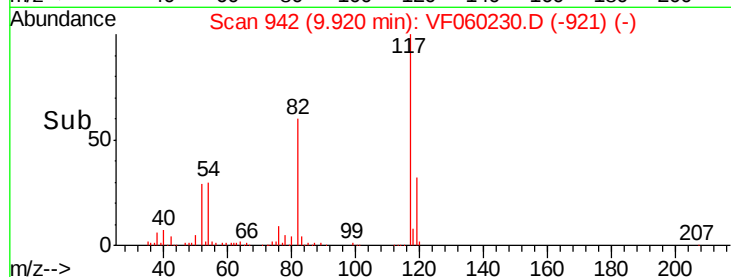
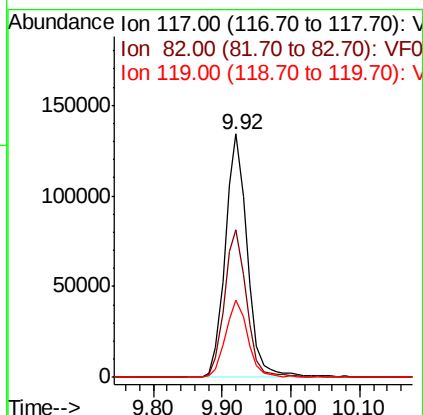
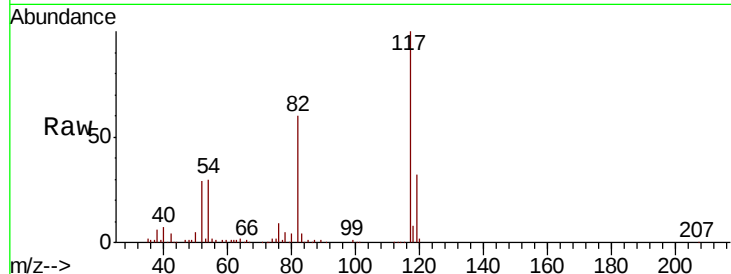




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060230.D
Acq: 10 Sep 2018 13:08

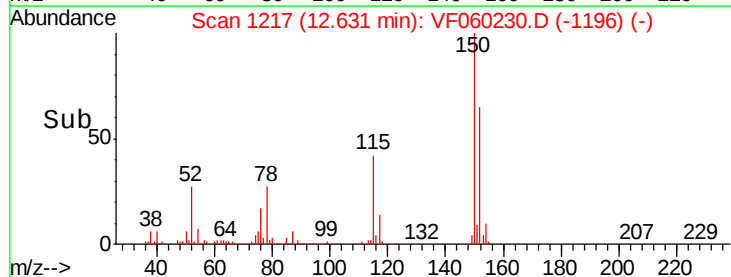
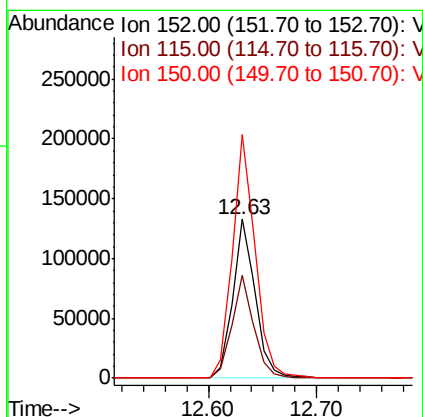
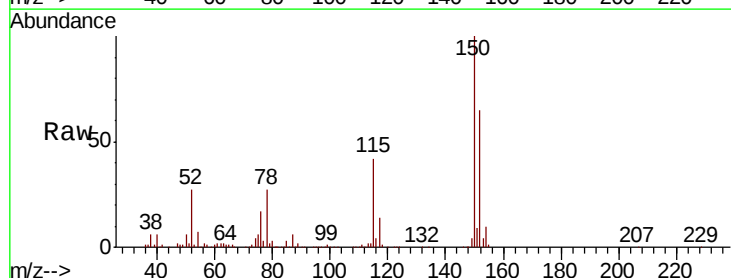
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E5

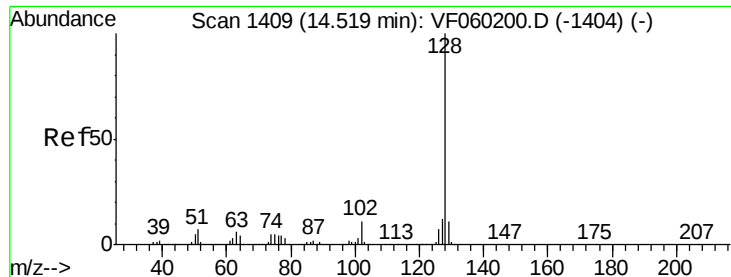
Tot Ion:117 Resp: 298070
Ion Ratio Lower Upper
117 100
82 60.5 49.3 73.9
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060230.D
Acq: 10 Sep 2018 13:08

Tgt Ion:152 Resp: 191968
Ion Ratio Lower Upper
152 100
115 65.0 31.5 94.5
150 153.1 0.0 310.4





#95

Naphthalene

Concen: 4.30 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.01 min

Lab File: VF060230.D

Acq: 10 Sep 2018 13:08

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-E5

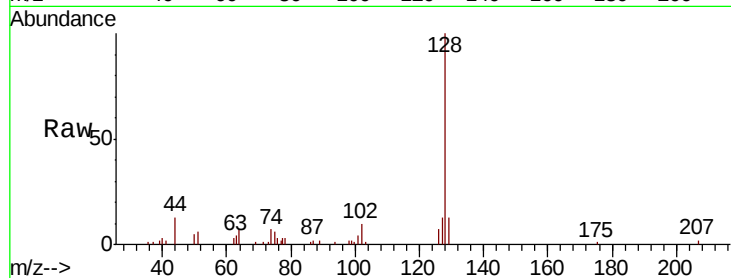
Tot Ion:128 Resp: 12920

Ion Ratio Lower Upper

128 100

127 13.5 9.9 14.9

129 12.6 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

