

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060218.D
 Acq On : 7 Sep 2018 18:50
 Operator : VA/AP
 Sample : J4803-01
 Misc : 4.87g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-E5

Quant Time: Sep 08 00:20:35 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

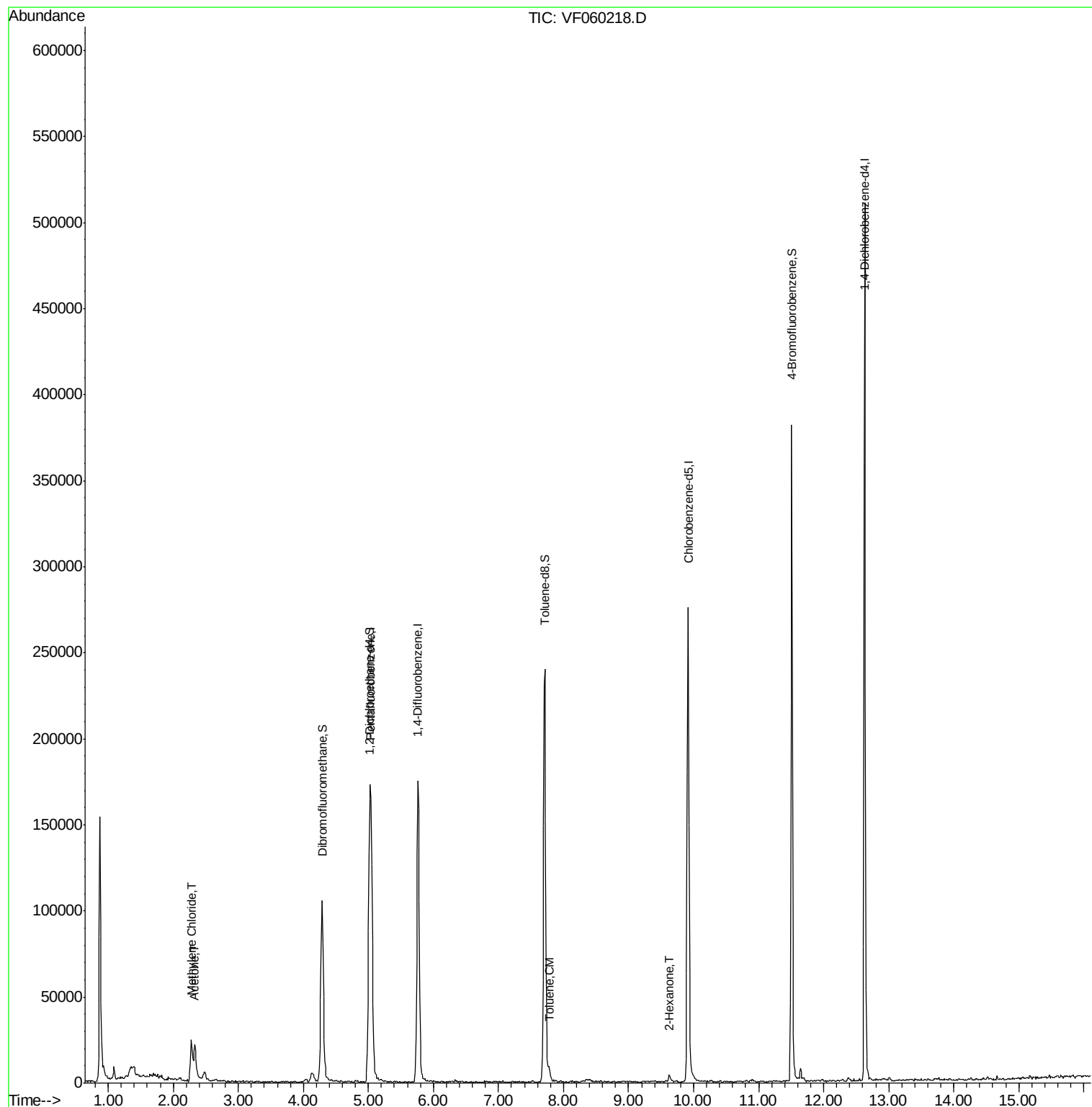
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	110825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	170340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	180455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	114894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	119775	61.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.72%	
35) Dibromofluoromethane	4.29	113	96379	57.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.50%	
50) Toluene-d8	7.71	98	194513	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.51	95	115895	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
Target Compounds						
16) Acetone	2.33	43	25135	54.95	ug/l	95
20) Methylene Chloride	2.28	84	14513	7.84	ug/l	94
52) Toluene	7.78	92	2820	1.02	ug/l	75
59) 2-Hexanone	9.62	43	4286	4.38	ug/l	92

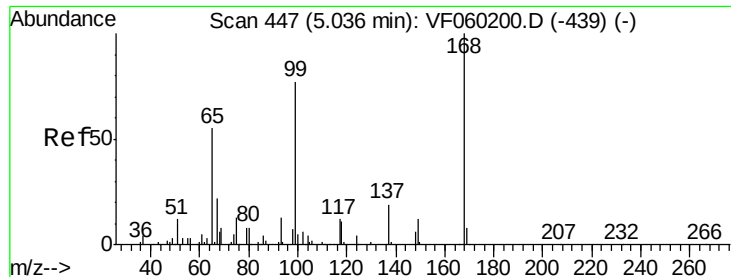
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF060218.D

Acq: 7 Sep 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

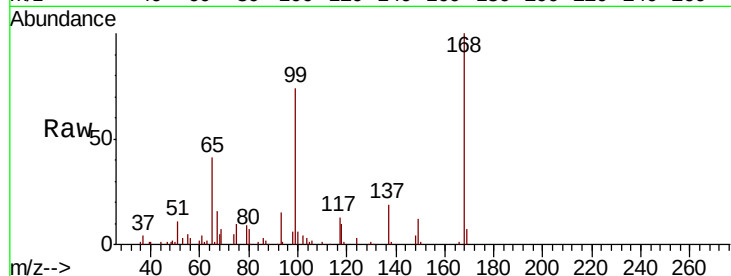
EP1-Q2-E5

Tot Ion:168 Resp: 110825

Ion Ratio Lower Upper

168 100

99 73.9 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

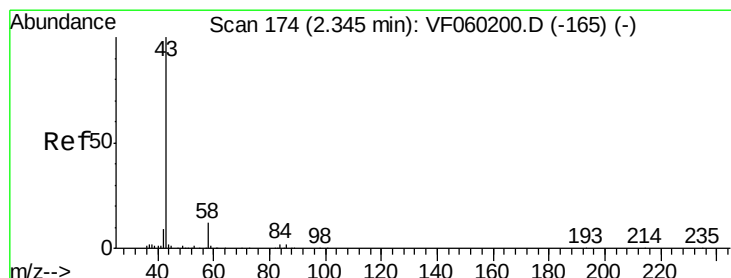
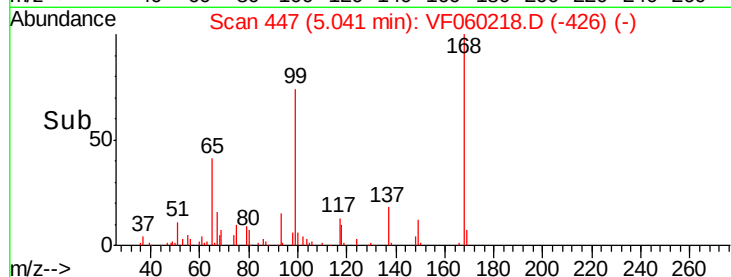
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 54.95 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060218.D

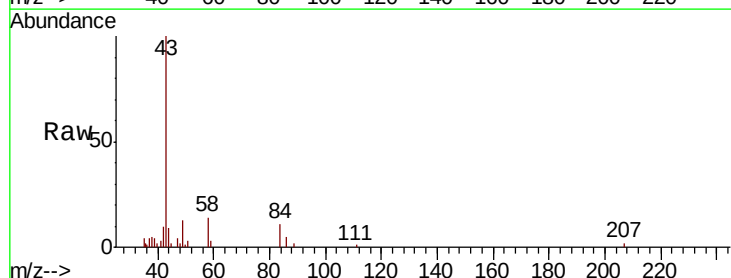
Acq: 7 Sep 2018 18:50

Tgt Ion: 43 Resp: 25135

Ion Ratio Lower Upper

43 100

58 13.9 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

12000

10000

8000

6000

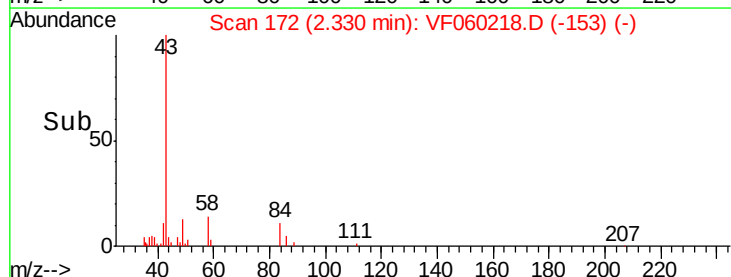
4000

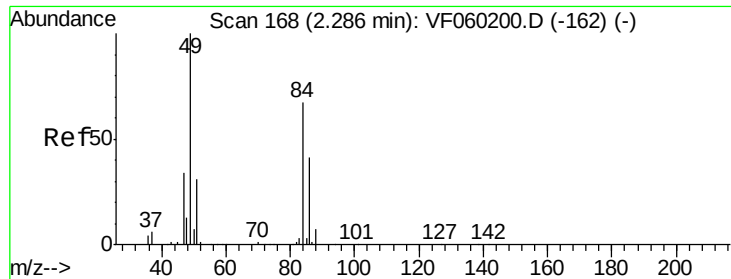
2000

0

Time-->

2.25 2.30 2.35 2.40

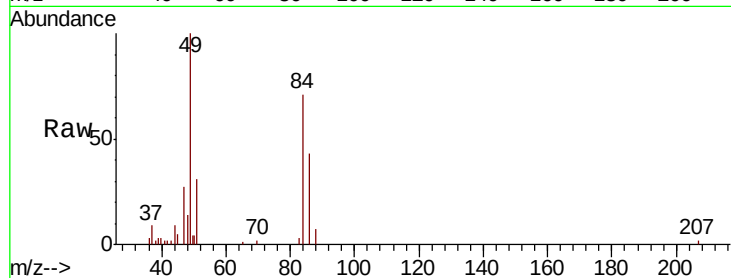




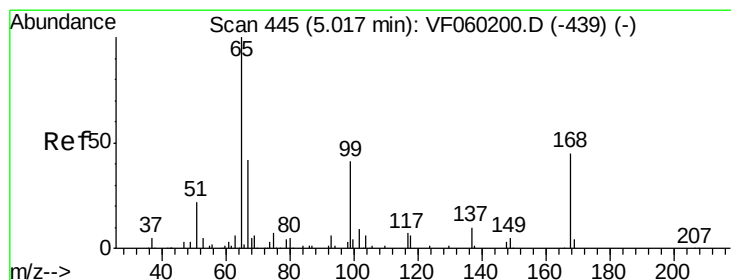
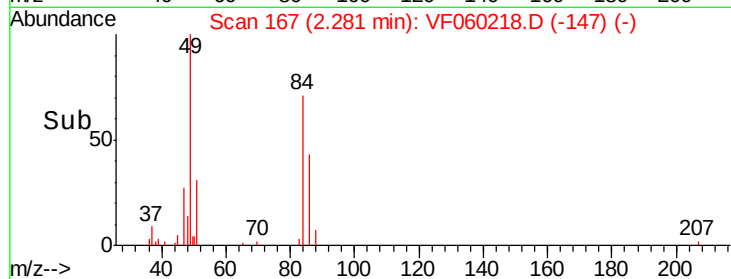
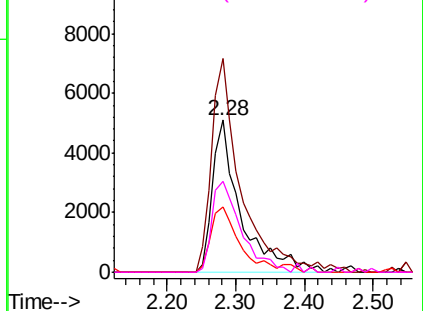
#20
Methylene Chloride
Concen: 7.84 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060218.D
Acq: 7 Sep 2018 18:50

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E5

Tot Ion: 84 Resp: 14513
Ion Ratio Lower Upper
84 100
49 140.6 120.1 180.1
51 42.9 37.0 55.6
86 60.1 49.0 73.6

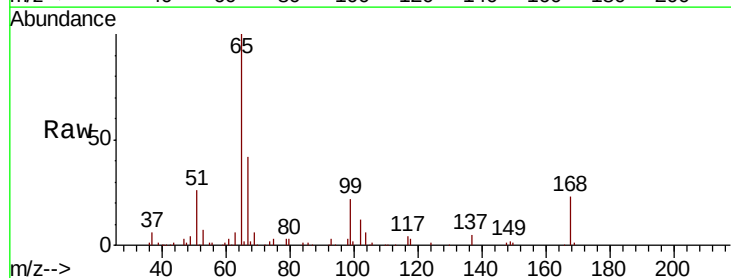


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

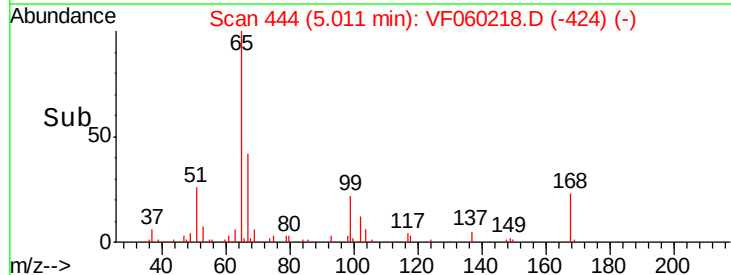
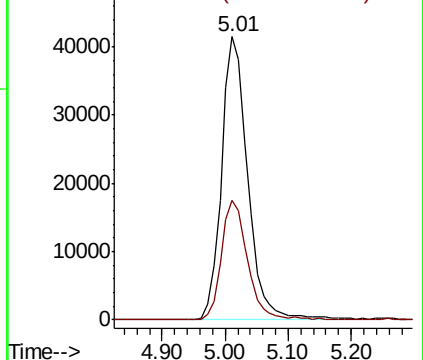


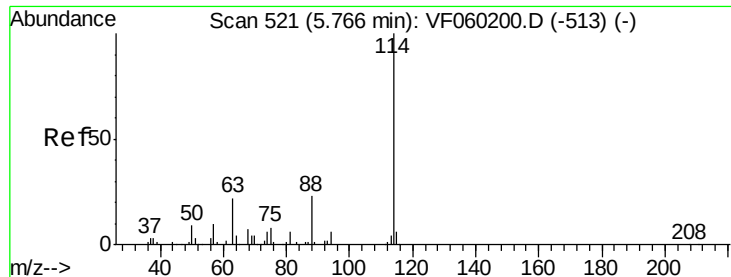
#33
1,2-Dichloroethane-d4
Concen: 61.86 ug/l
RT: 5.01 min Scan# 444
Delta R.T. -0.01 min
Lab File: VF060218.D
Acq: 7 Sep 2018 18:50

Tgt Ion: 65 Resp: 119775
Ion Ratio Lower Upper
65 100
67 42.3 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: 5.76 min Scan# 520

Delta R.T. -0.01 min

Lab File: VF060218.D

Acq: 7 Sep 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-E5

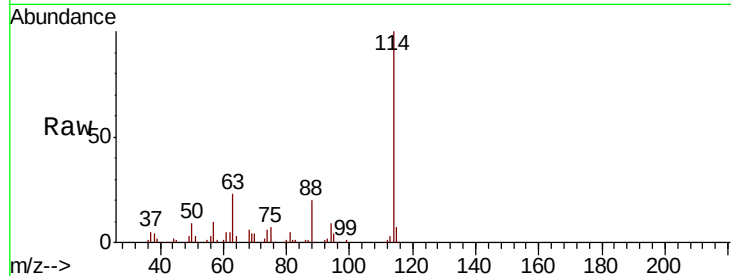
Tot Ion:114 Resp: 170340

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

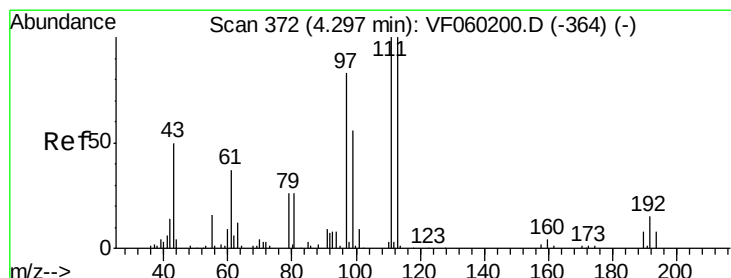
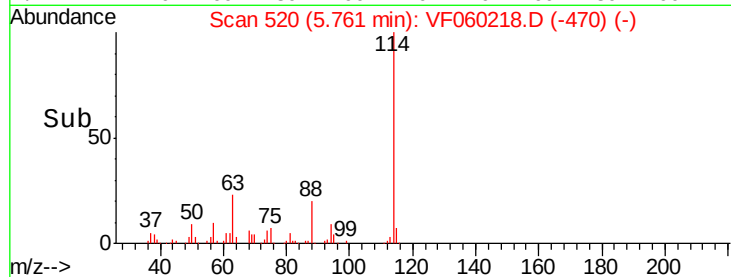
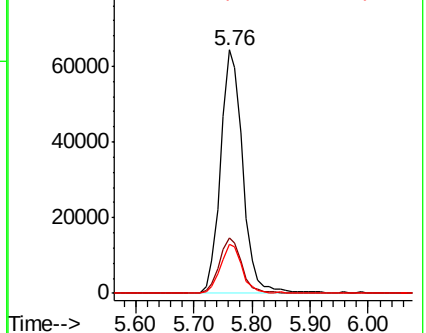
88 20.2 0.0 46.4



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: 57.75 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060218.D

Acq: 7 Sep 2018 18:50

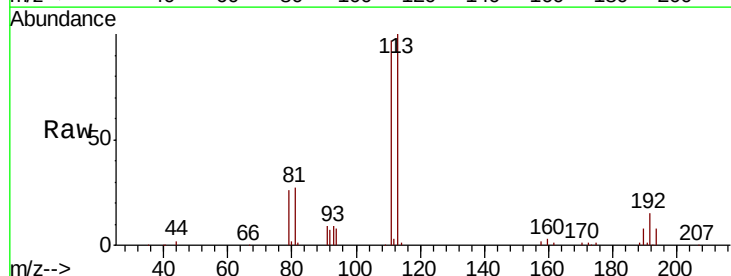
Tgt Ion:113 Resp: 96379

Ion Ratio Lower Upper

113 100

111 96.7 80.2 120.2

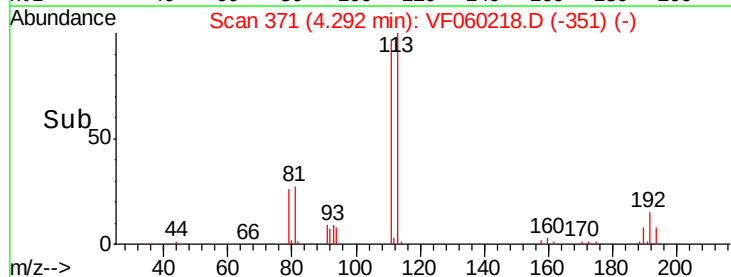
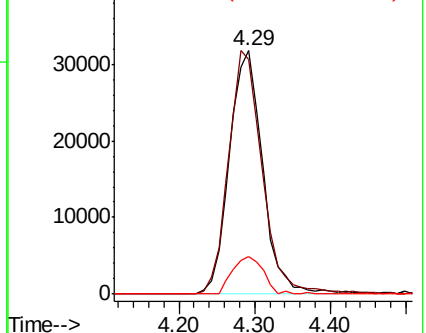
192 15.3 11.8 17.8

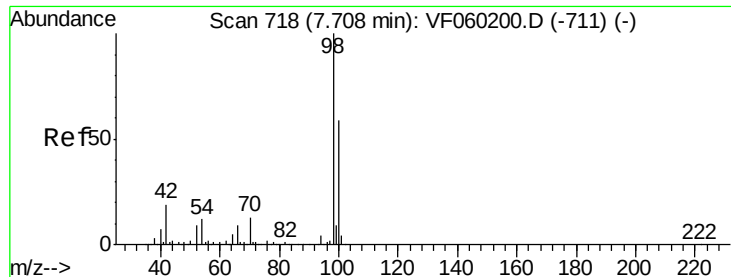


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

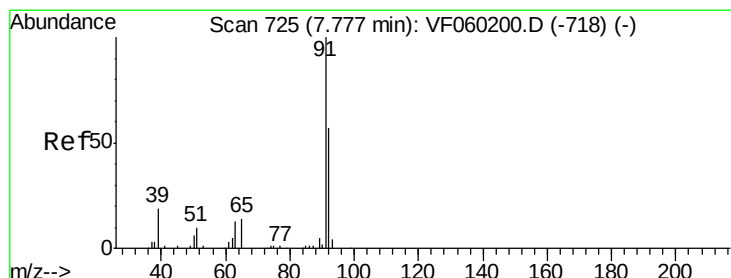
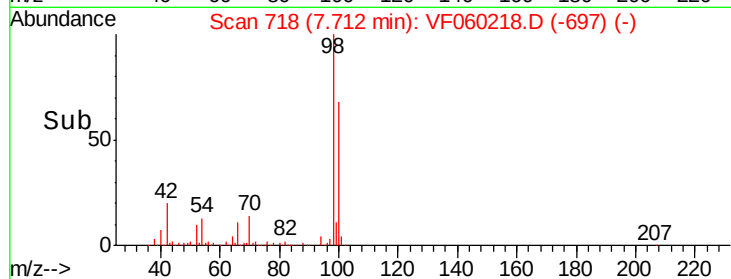
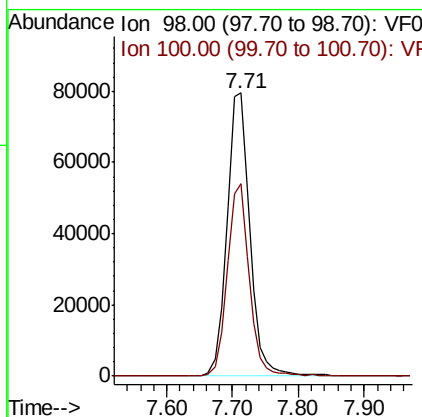
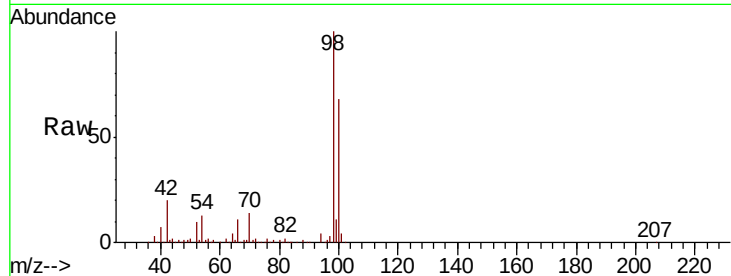




#50
Toluene-d8
Concen: 46.71 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060218.D
Acq: 7 Sep 2018 18:50

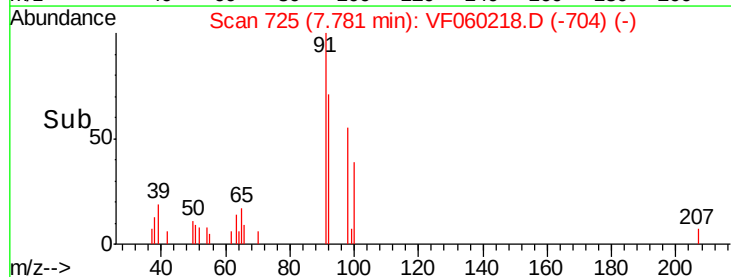
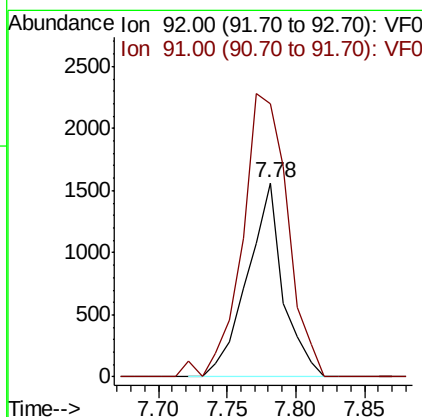
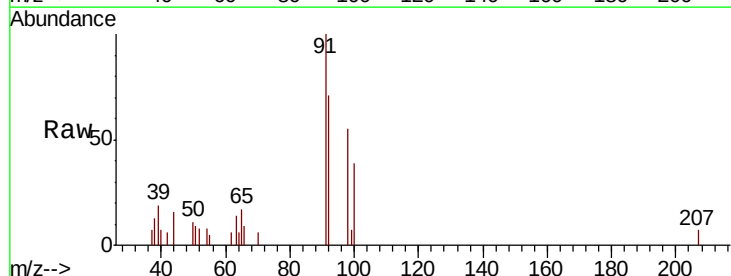
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E5

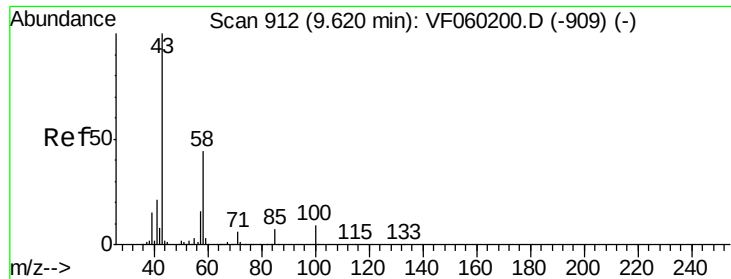
Tot Ion: 98 Resp: 194513
Ion Ratio Lower Upper
98 100
100 67.8 47.4 71.0



#52
Toluene
Concen: 1.02 ug/l
RT: 7.78 min Scan# 725
Delta R.T. 0.00 min
Lab File: VF060218.D
Acq: 7 Sep 2018 18:50

Tgt Ion: 92 Resp: 2820
Ion Ratio Lower Upper
92 100
91 140.7 140.0 210.0





#59

2-Hexanone

Concen: 4.38 ug/l

RT: 9.62 min Scan# 912

Delta R.T. 0.01 min

Lab File: VF060218.D

Acq: 7 Sep 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

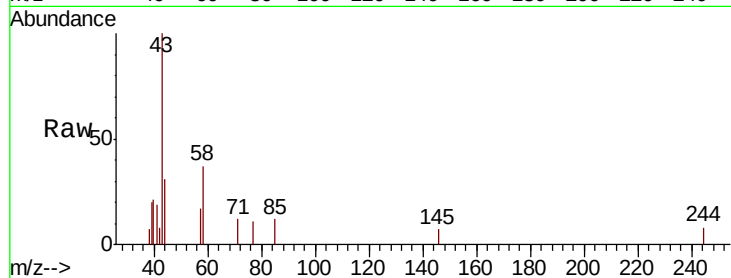
EP1-Q2-E5

Tot Ion: 43 Resp: 4286

Ion Ratio Lower Upper

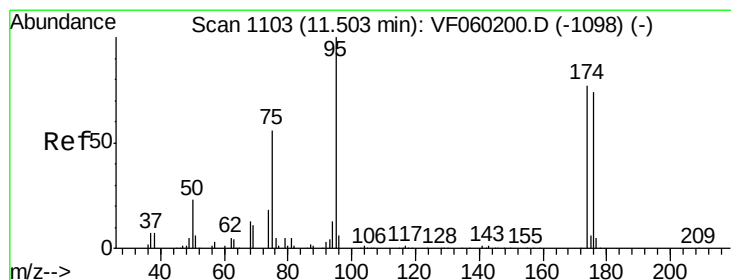
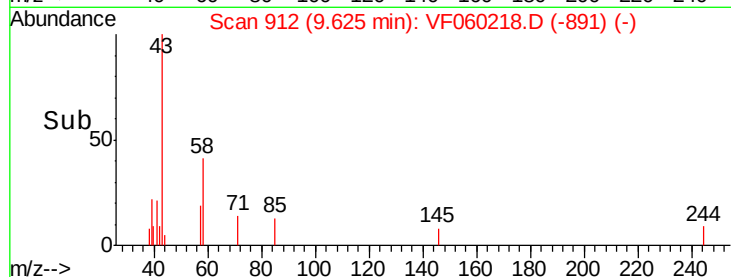
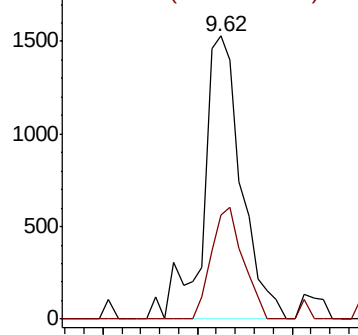
43 100

58 36.6 20.8 62.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#62

4-Bromofluorobenzene

Concen: 49.32 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060218.D

Acq: 7 Sep 2018 18:50

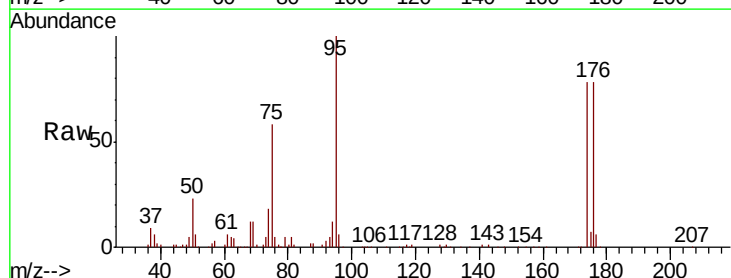
Tgt Ion: 95 Resp: 115895

Ion Ratio Lower Upper

95 100

174 78.3 0.0 153.2

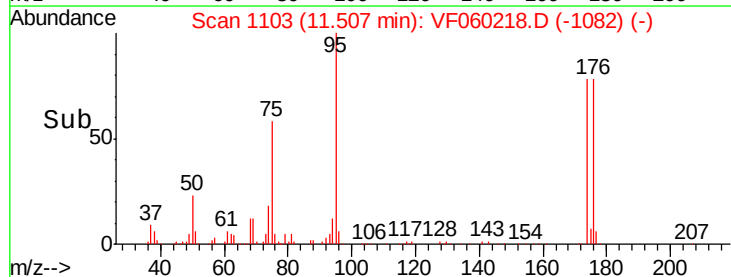
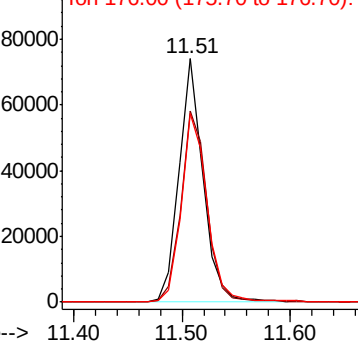
176 77.5 0.0 147.2

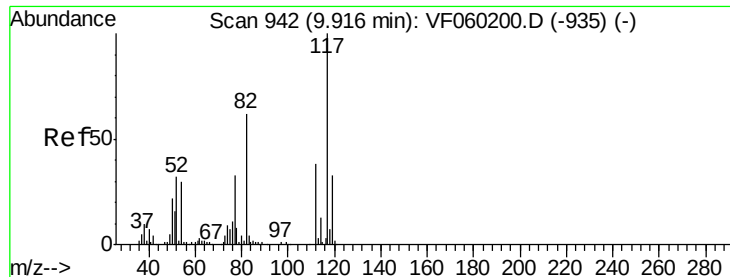


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

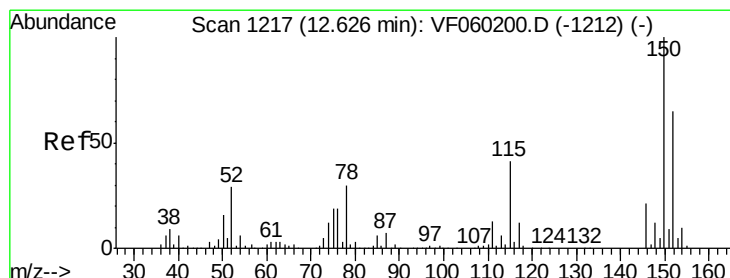
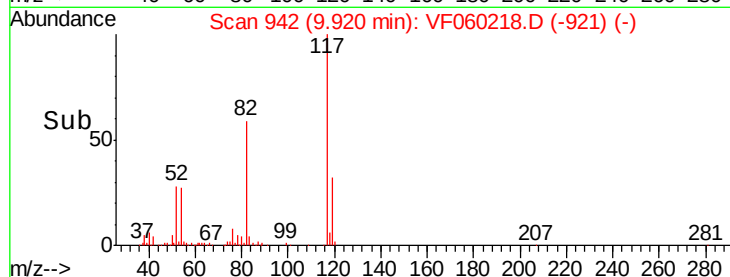
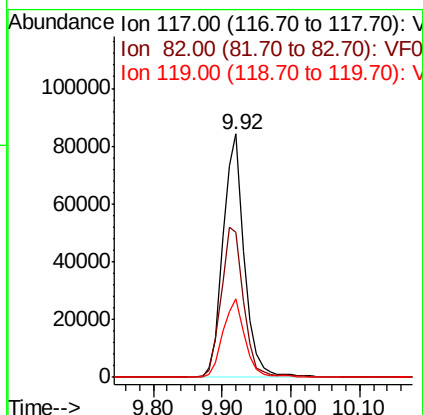
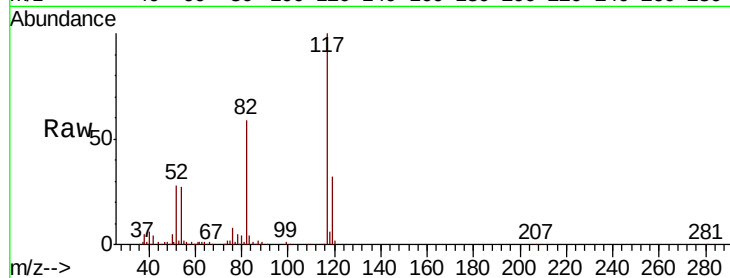




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060218.D
Acq: 7 Sep 2018 18:50

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E5

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.3	73.9
119	32.1	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: VF060218.D
Acq: 7 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.5	94.5
150	160.9	0.0	310.4

