

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092118\
 Data File : VF060317.D
 Acq On : 21 Sep 2018 17:28
 Operator : VA/AP
 Sample : J5057-01RE
 Misc : 6.39/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOILRE

Quant Time: Sep 24 15:18:54 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

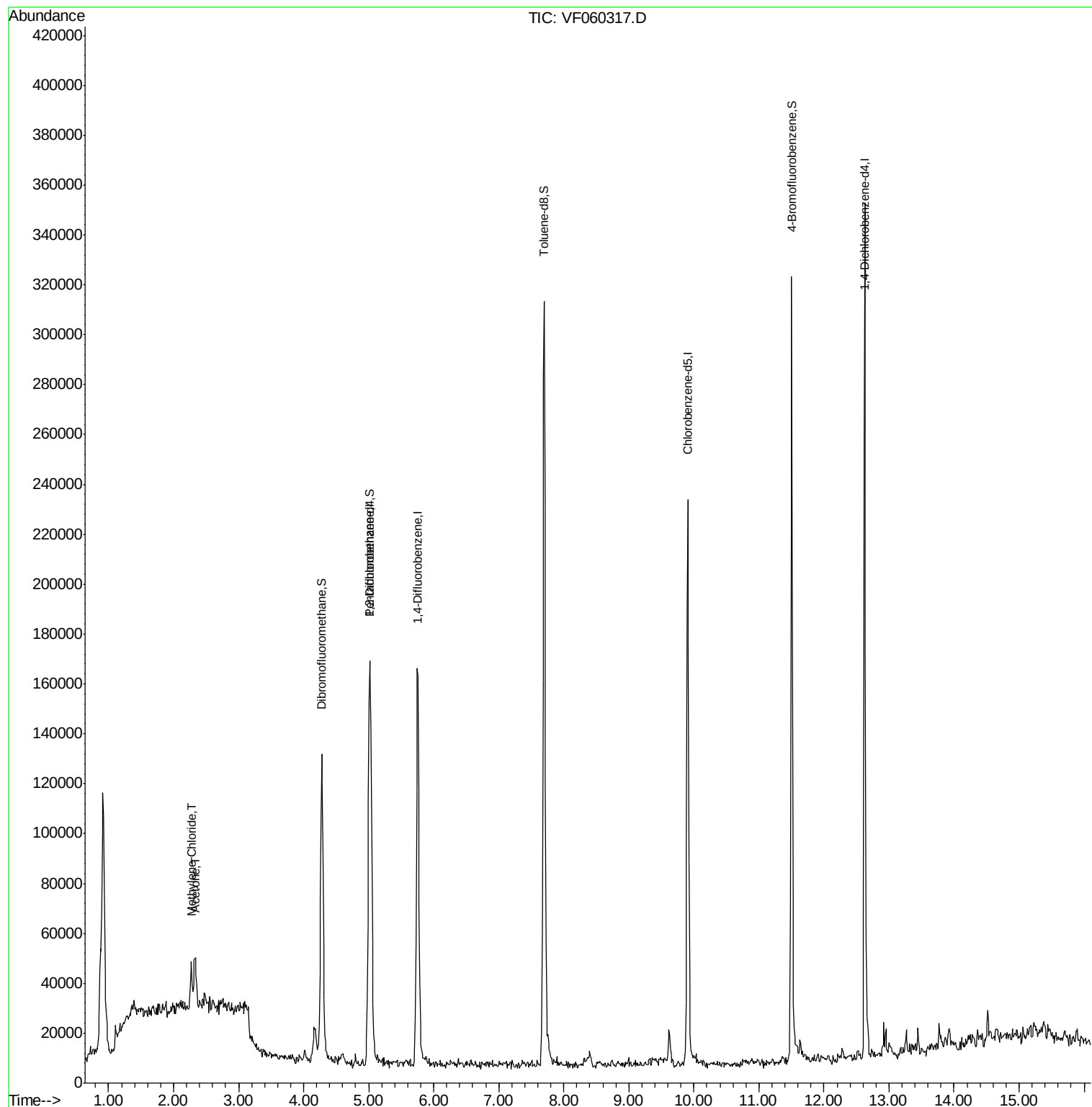
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	106263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	178211	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	157757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	88023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	91328	63.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.66%	
35) Dibromofluoromethane	4.28	113	111841	70.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.80%	
50) Toluene-d8	7.70	98	260127	62.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.76%	
62) 4-Bromofluorobenzene	11.50	95	118292	66.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.30%	
Target Compounds						
16) Acetone	2.33	43	32600	80.901	ug/l	99
20) Methylene Chloride	2.28	84	10019	2.082	ug/l #	91

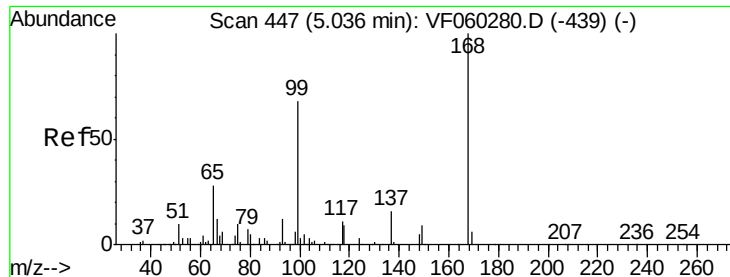
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060317.D

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MSVOA_F

ClientSampleId :

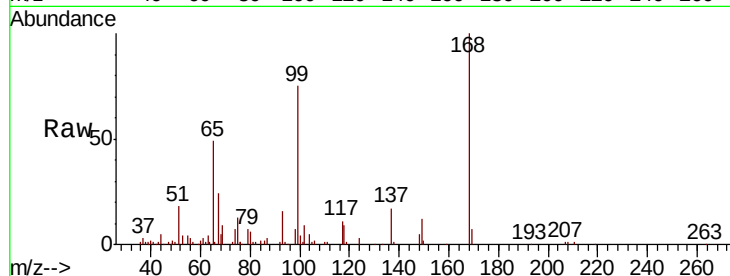
HC-SOILRE

Tot Ion:168 Resp: 106263

Ion Ratio Lower Upper

168 100

99 74.7 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

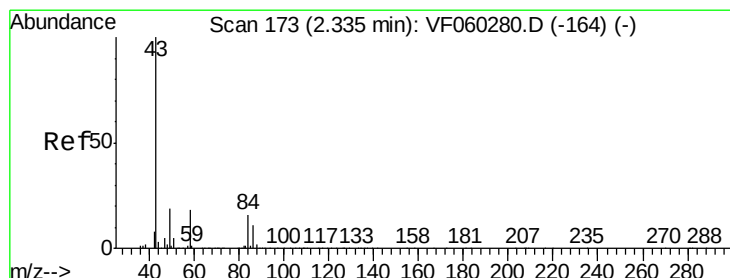
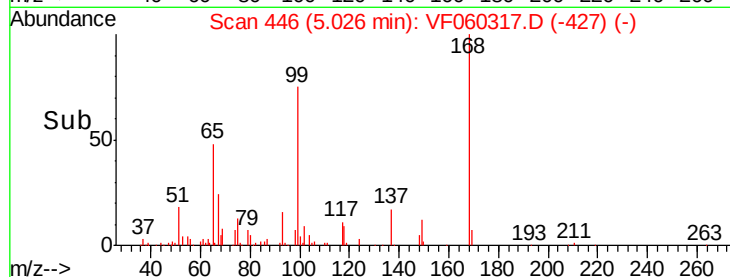
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 80.901 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060317.D

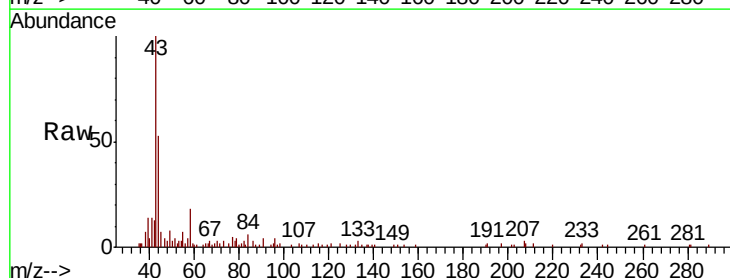
Acq: 21 Sep 2018 17:28

Tgt Ion: 43 Resp: 32600

Ion Ratio Lower Upper

43 100

58 17.7 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

15000

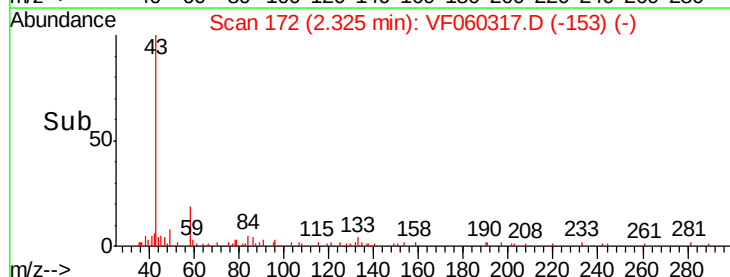
10000

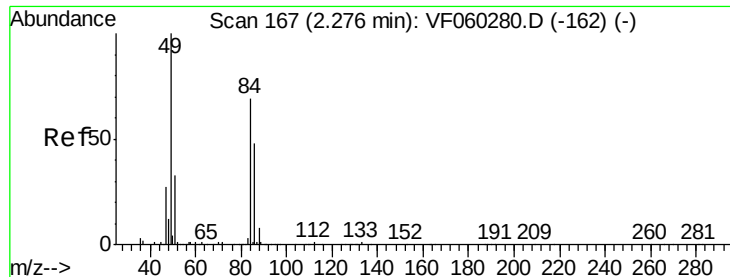
5000

0

2.20 2.30 2.40

Time-->

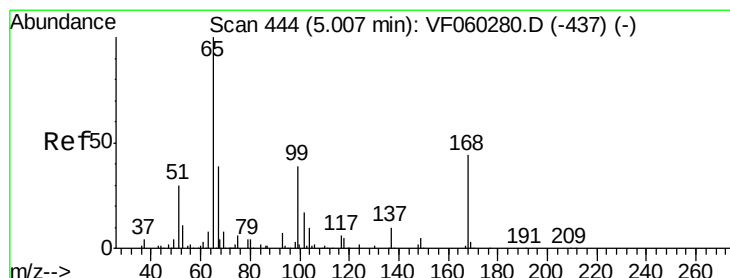
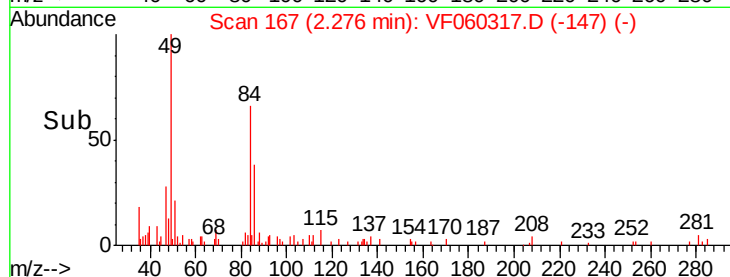
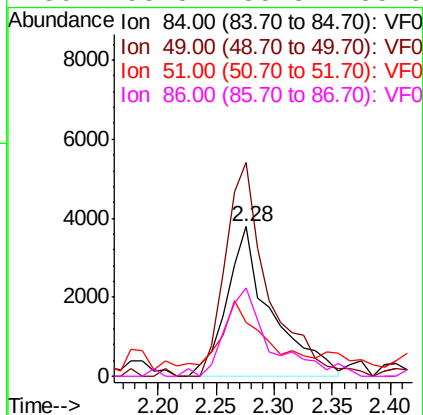
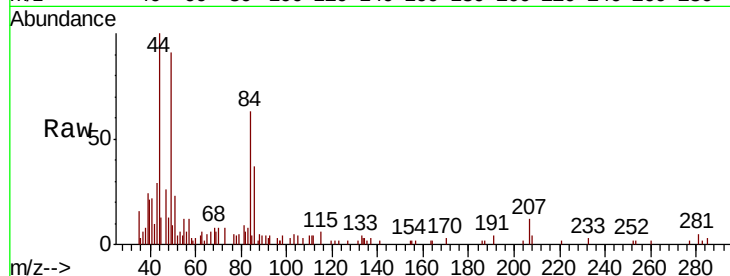




#20
Methylene Chloride
Concen: 2.082 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF060317.D
Acq: 21 Sep 2018 17:28

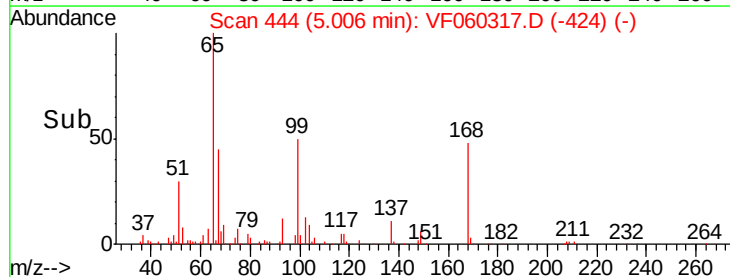
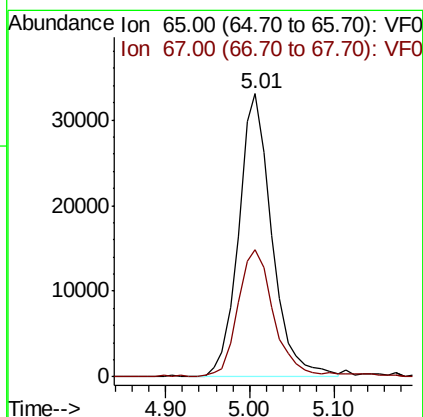
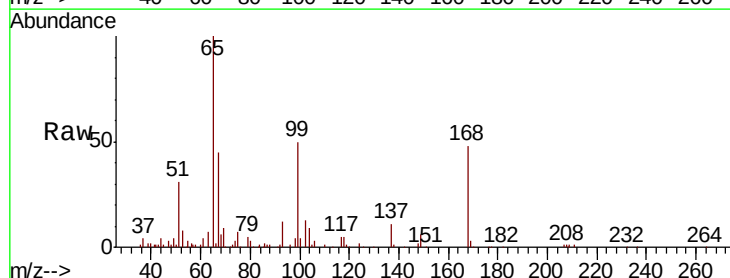
Instrument :
MSVOA_F
ClientSampleId :
HC-SOILRE

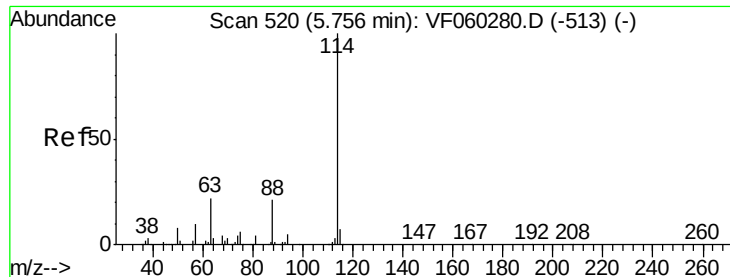
Tot Ion:	84	Resp:	10019
Ion	Ratio	Lower	Upper
84	100		
49	142.9	118.3	177.5
51	36.4	38.7	58.1#
86	58.8	55.8	83.6



#33
1,2-Dichloroethane-d4
Concen: 63.827 ug/l
RT: 5.01 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF060317.D
Acq: 21 Sep 2018 17:28

Tgt Ion:	65	Resp:	91328
Ion	Ratio	Lower	Upper
65	100		
67	45.1	0.0	94.4

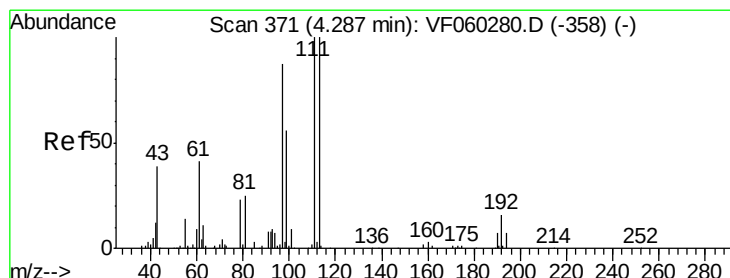
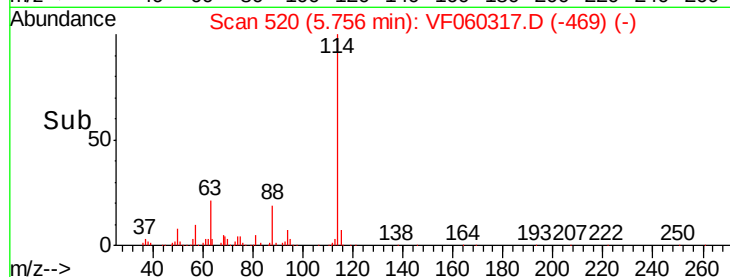
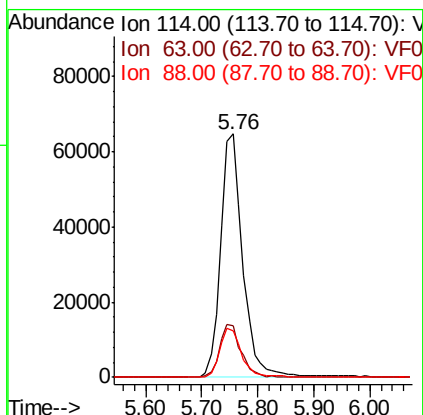
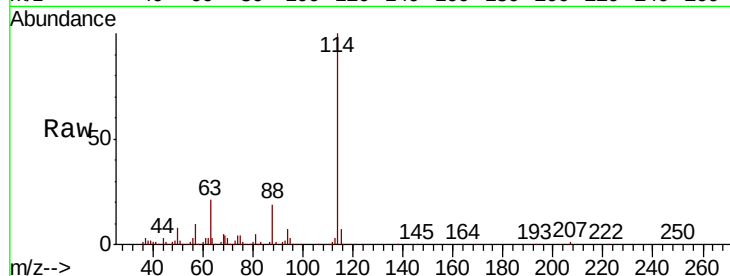




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: VF060317.D
 Acq: 21 Sep 2018 17:28

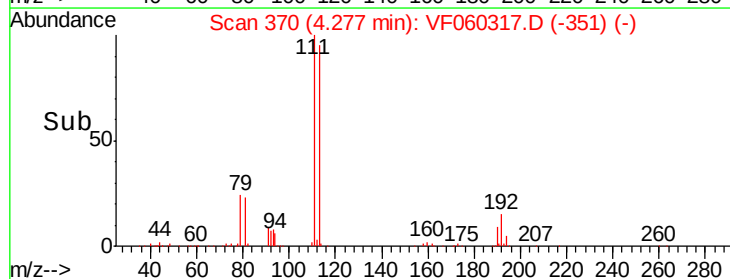
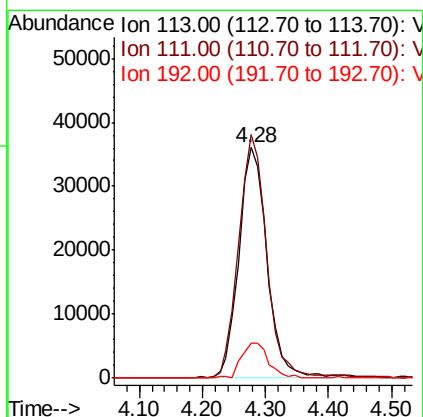
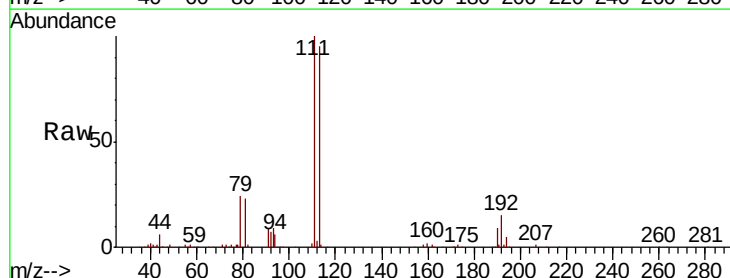
Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOILRE

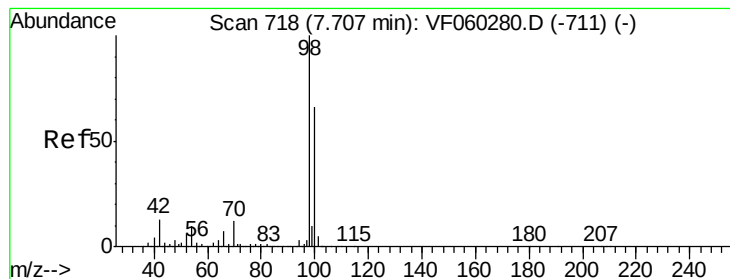
Tot Ion:114 Resp: 178211
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 19.3 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 70.401 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060317.D
 Acq: 21 Sep 2018 17:28

Tgt Ion:113 Resp: 111841
 Ion Ratio Lower Upper
 113 100
 111 105.6 79.6 119.4
 192 15.4 13.0 19.6





#50

Toluene-d8

Concen: 62.876 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060317.D

Acq: 21 Sep 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

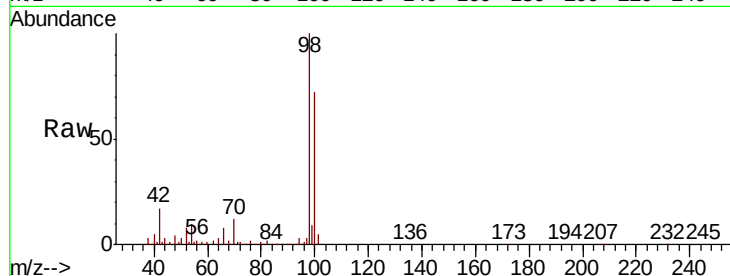
HC-SOILRE

Tot Ion: 98 Resp: 260127

Ion Ratio Lower Upper

98 100

100 71.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

120000

100000

80000

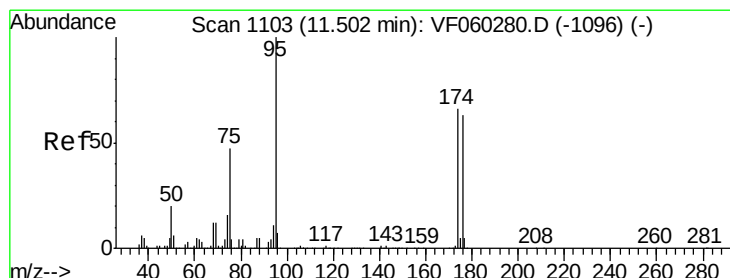
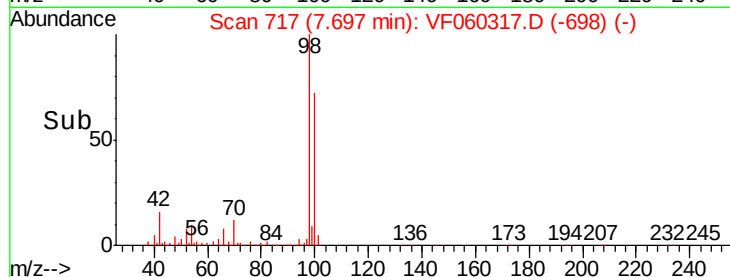
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 66.146 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060317.D

Acq: 21 Sep 2018 17:28

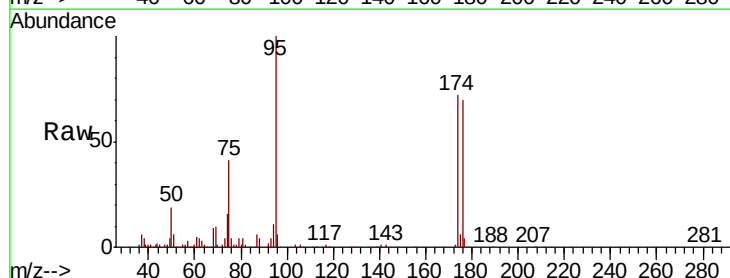
Tgt Ion: 95 Resp: 118292

Ion Ratio Lower Upper

95 100

174 71.6 0.0 131.2

176 69.8 0.0 126.6



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

11.50

80000

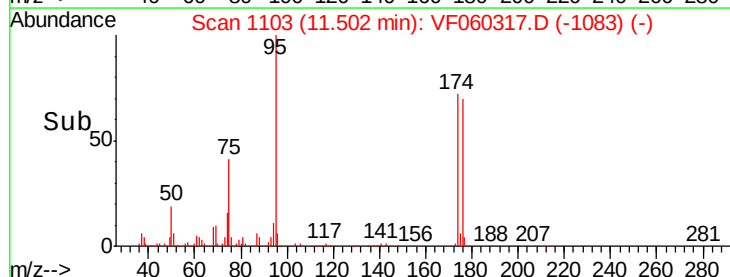
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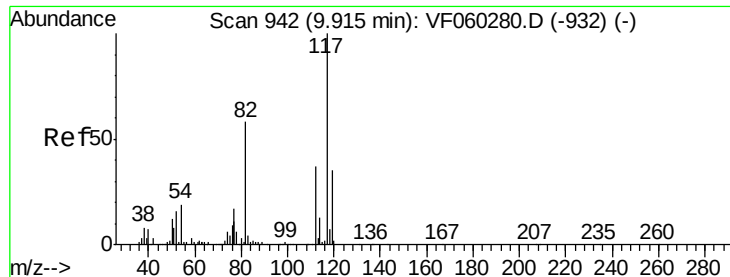
40000

20000

0

Time-->

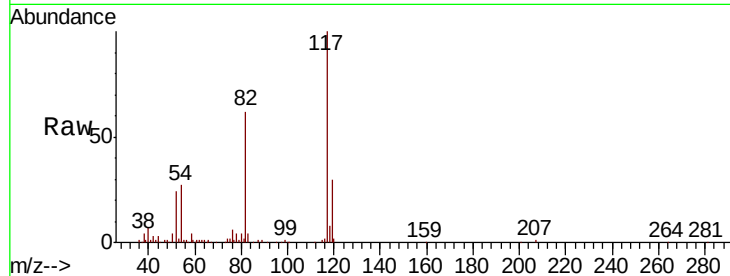




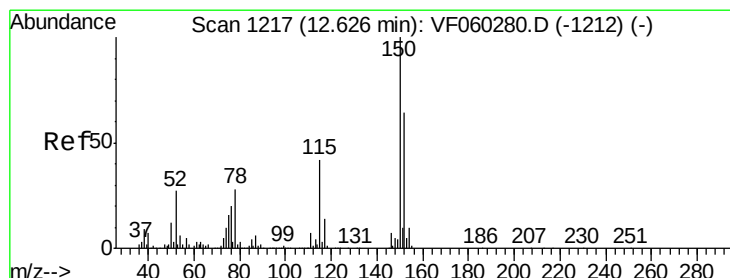
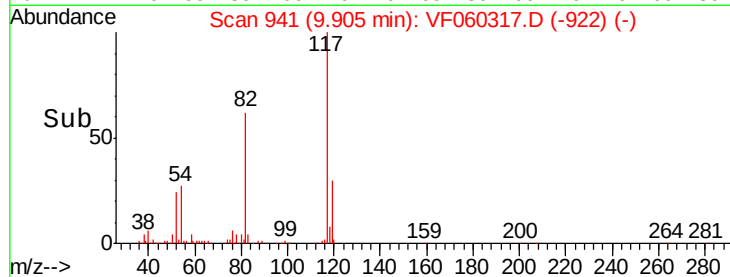
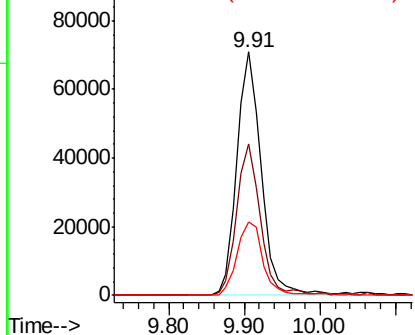
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060317.D
Acq: 21 Sep 2018 17:28

Instrument :
MSVOA_F
ClientSampleId :
HC-SOILRE

Tot Ion:117 Resp: 157757
Ion Ratio Lower Upper
117 100
82 62.0 46.2 69.2
119 30.3 27.8 41.6

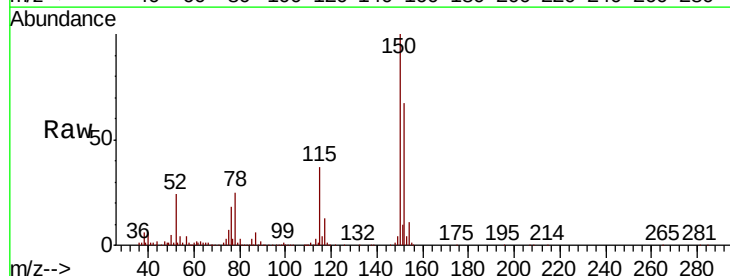


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060317.D
Acq: 21 Sep 2018 17:28

Tgt Ion:152 Resp: 88023
Ion Ratio Lower Upper
152 100
115 54.9 32.6 97.8
150 148.7 0.0 314.2



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

