

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059877.D
 Acq On : 4 Aug 2018 11:10
 Operator : VA/AP
 Sample : J4333-01
 Misc : 5.17g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-1

Manual Integrations
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 8/6/2018 10:27:06 AM

Quant Time: Aug 06 02:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	91340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	124324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	53827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	137237	83.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.68%	
35) Dibromofluoromethane	4.29	113	111641	90.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.50%	
50) Toluene-d8	7.72	98	86731	32.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.90%	
62) 4-Bromofluorobenzene	11.51	95	8112	5.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.96%	
Target Compounds						
16) Acetone	2.34	43	8683	28.56	ug/l	97
17) Carbon Disulfide	1.84	76	16972	7.79	ug/l	96
20) Methylene Chloride	2.27	84	8425m	5.82	ug/l	

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

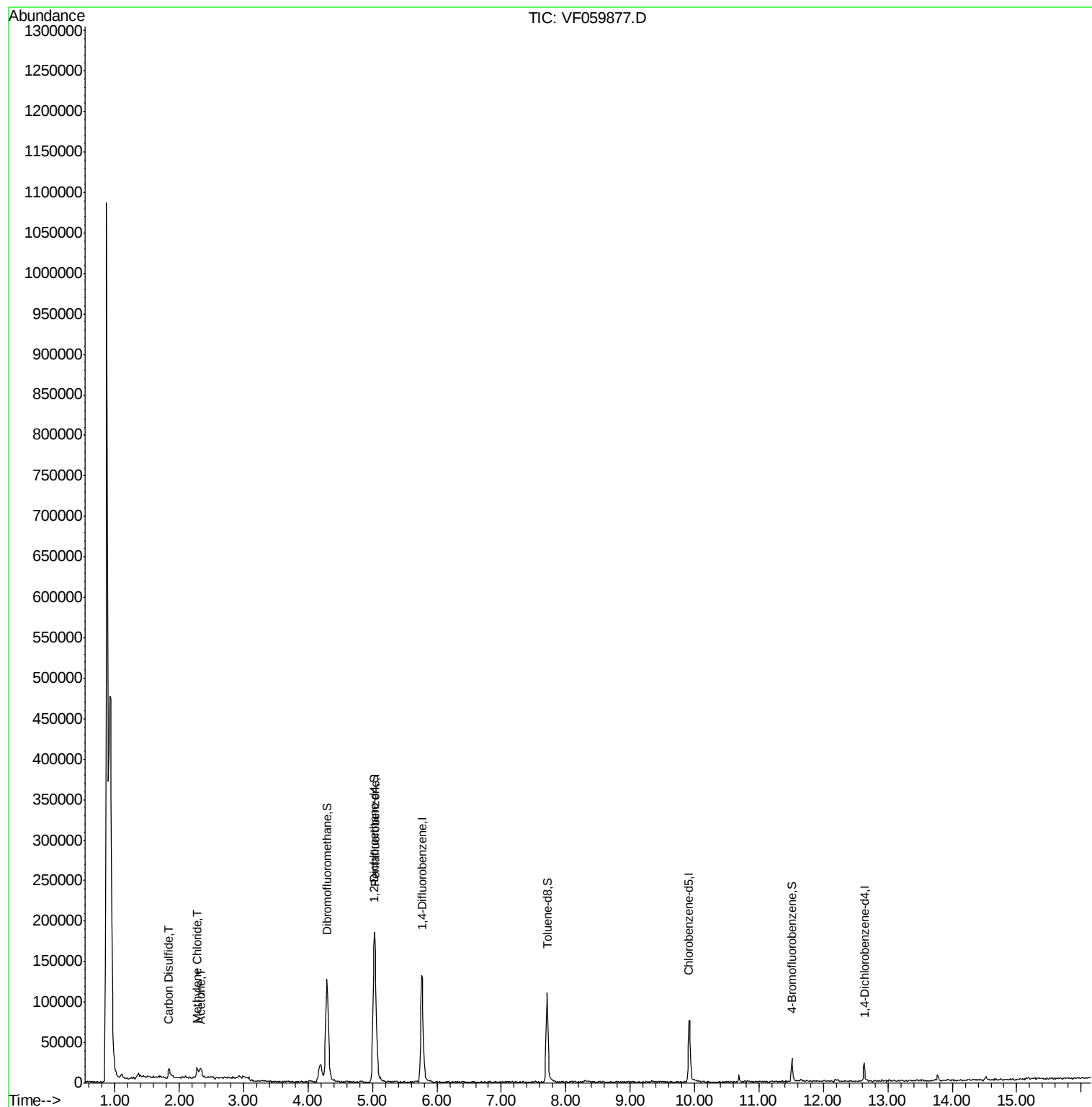
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080418\
Data File : VF059877.D
Acq On : 4 Aug 2018 11:10
Operator : VA/AP
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Misc : 5.17g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

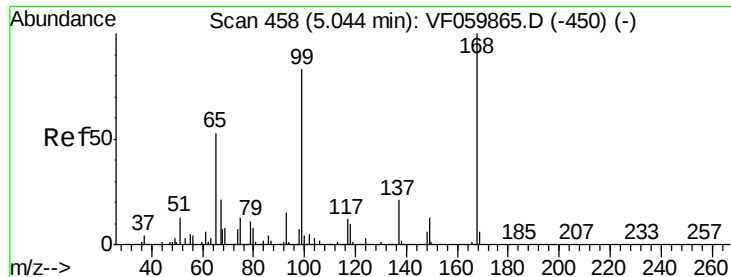
Instrument :
MSVOA_F
ClientSampleId :
SOIL-1

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Quant Time: Aug 06 02:52:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampled :

SOIL-1

Tot Ion:168 Resp: 91340

Ion Ratio Lower Upper

168 100

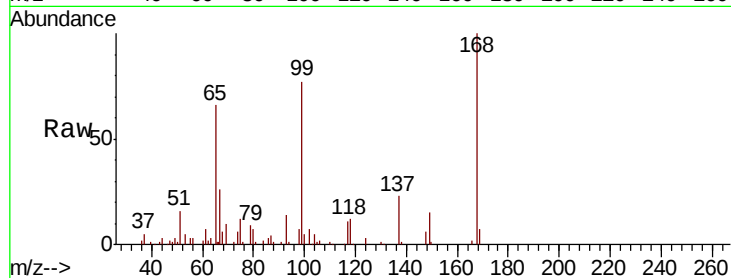
99 77.1 66.3 99.5

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

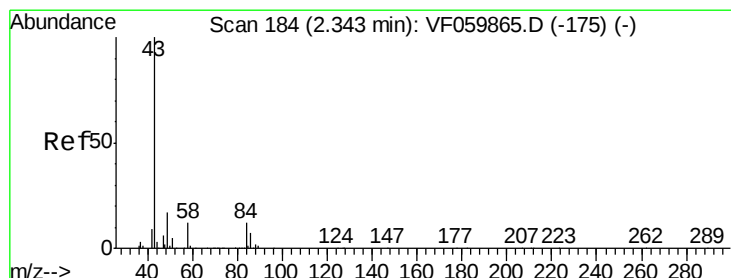
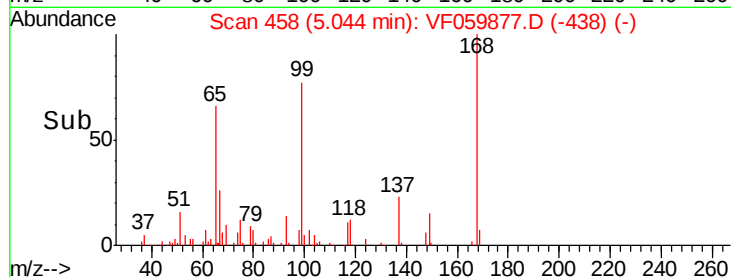
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 28.56 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059877.D

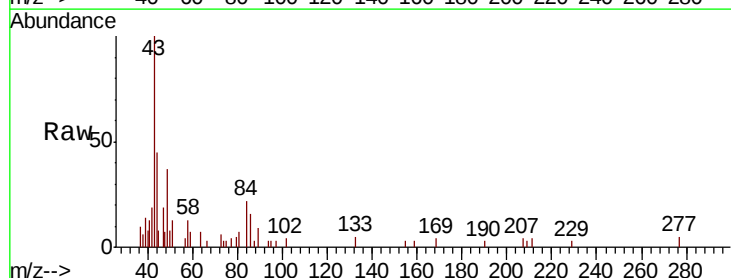
Acq: 4 Aug 2018 11:10

Tgt Ion: 43 Resp: 8683

Ion Ratio Lower Upper

43 100

58 12.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

4000

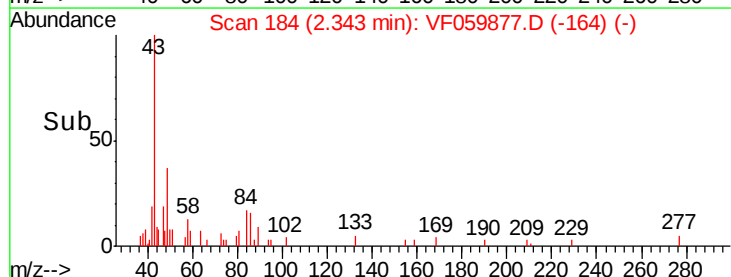
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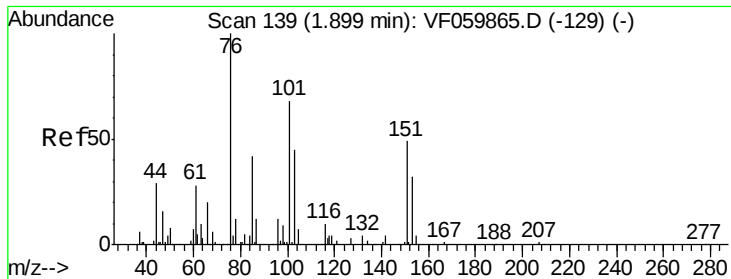
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1000

0

Time-->





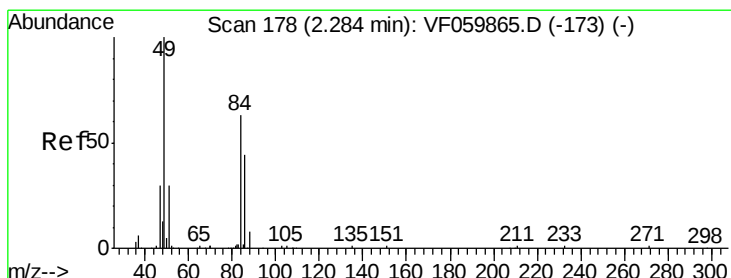
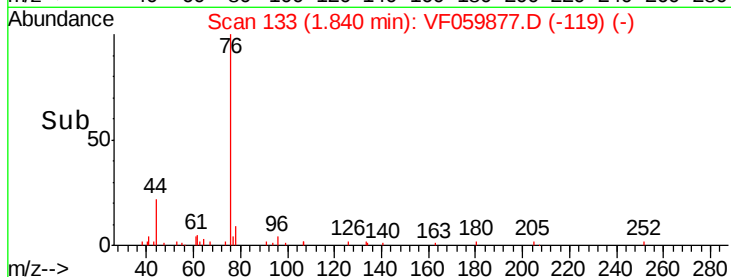
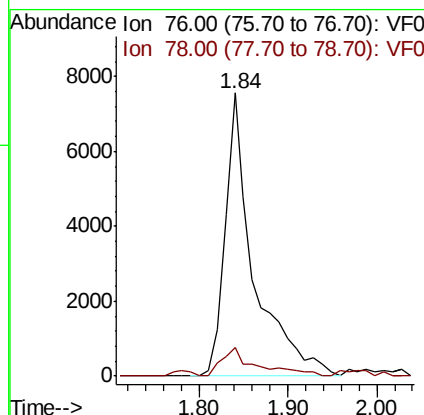
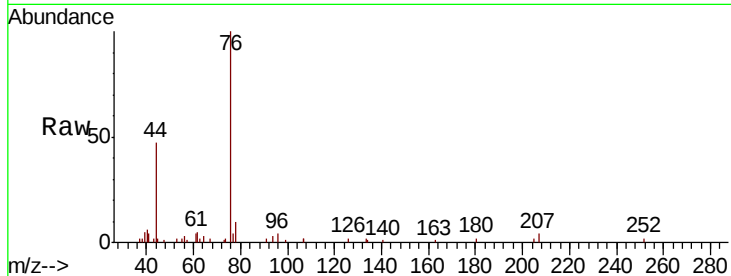
#17
Carbon Disulfide
Concen: 7.79 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
SOIL-1

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	9.3	13.9

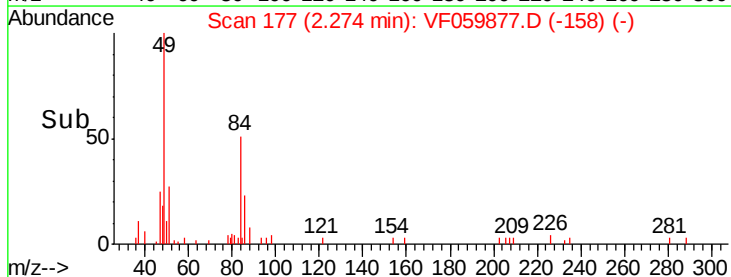
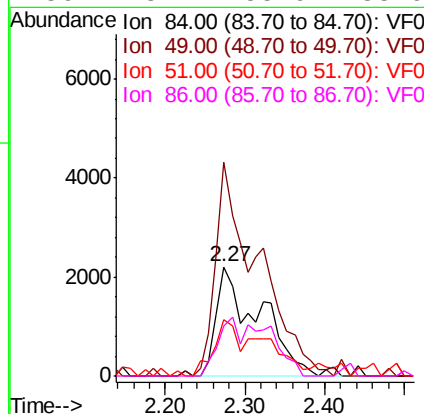
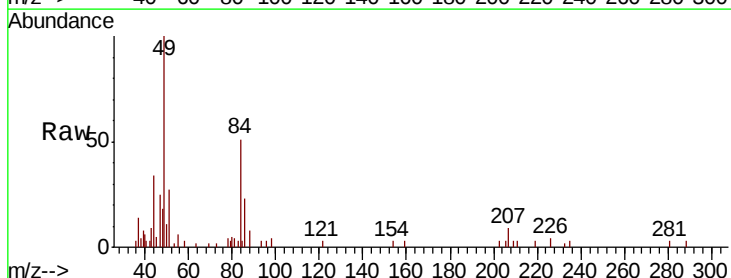
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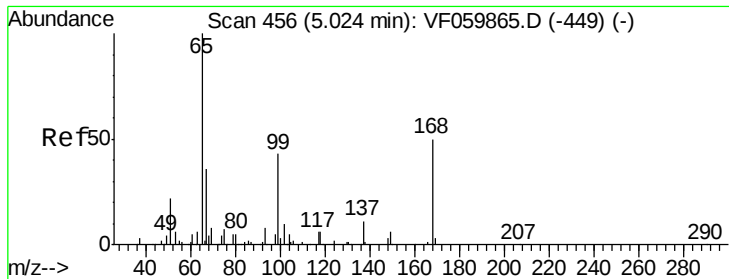
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#20
Methylene Chloride
Concen: 5.82 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	195.6	128.7	193.1#
51	52.1	39.3	58.9
86	45.4	55.9	83.9#





#33

1,2-Dichloroethane-d4

Concen: 83.34 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Tot Ion: 65 Resp: 137237

Ion Ratio Lower Upper

65 100

67 42.3 0.0 77.2

Instrument :

MSVOA_F

ClientSampled :

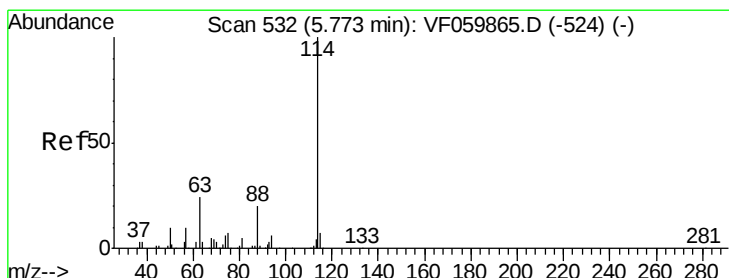
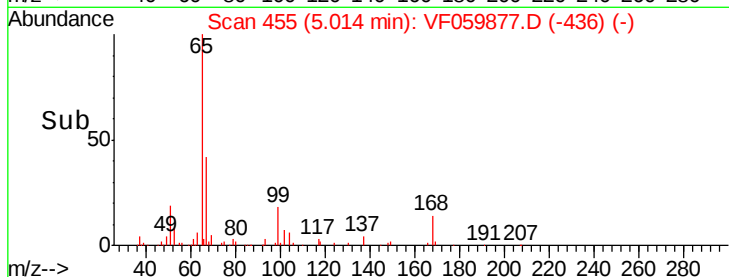
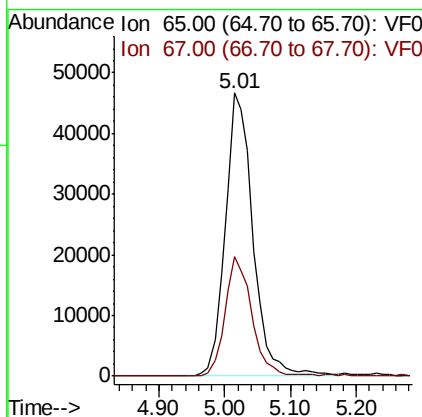
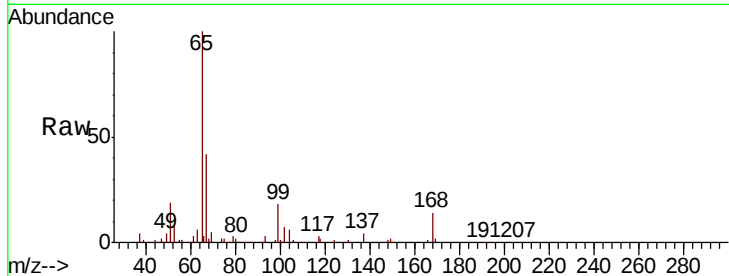
SOIL-1

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

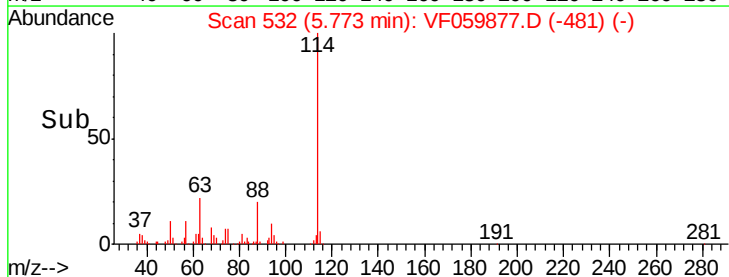
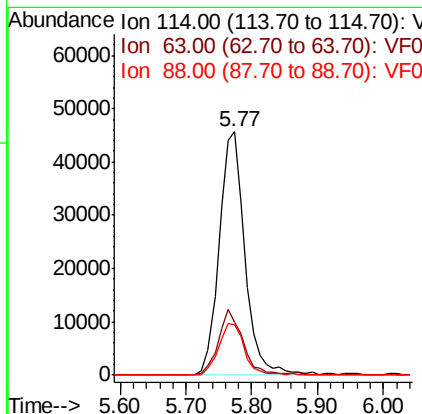
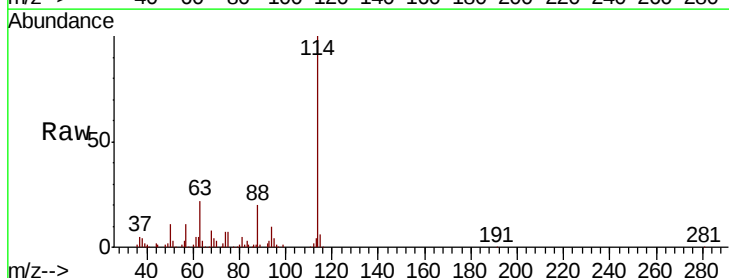
Tgt Ion: 114 Resp: 124324

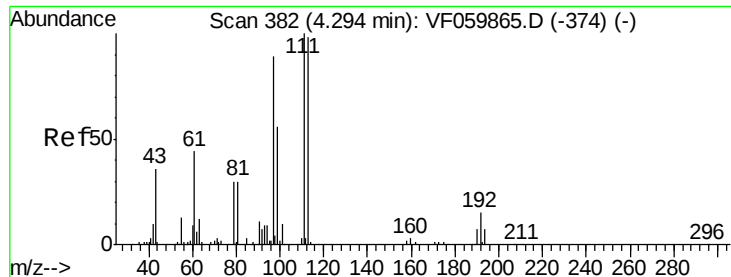
Ion Ratio Lower Upper

114 100

63 21.7 0.0 48.0

88 20.5 0.0 39.4





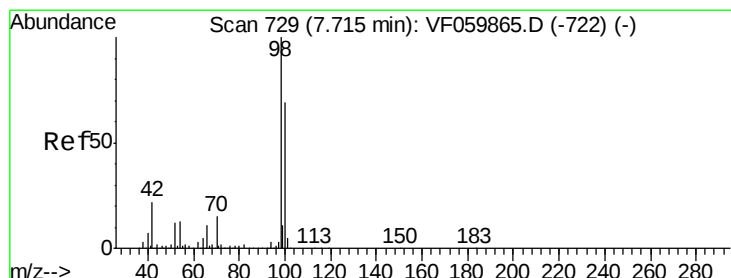
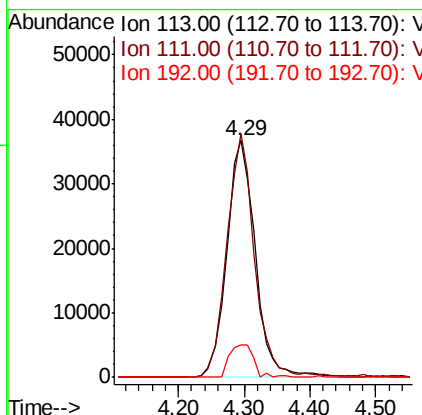
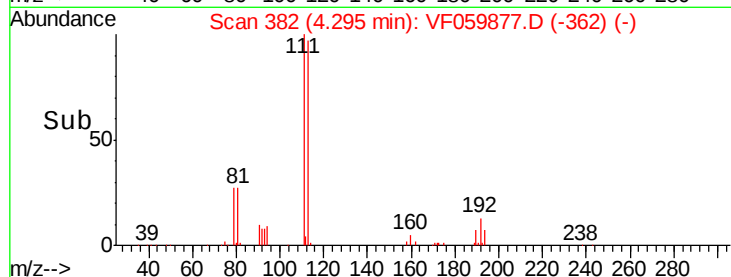
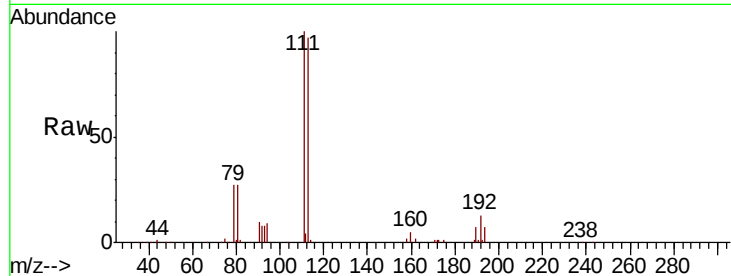
#35
 Dibromofluoromethane
 Concen: 90.25 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VF059877.D
 Acq: 4 Aug 2018 11:10

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	13.5	12.4	18.6

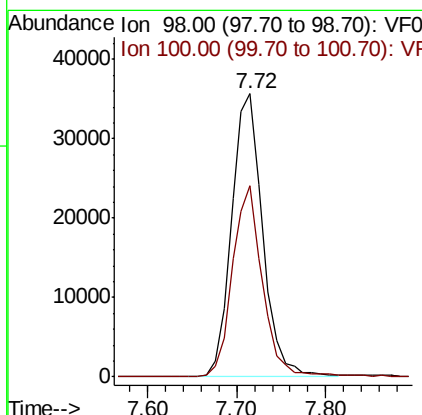
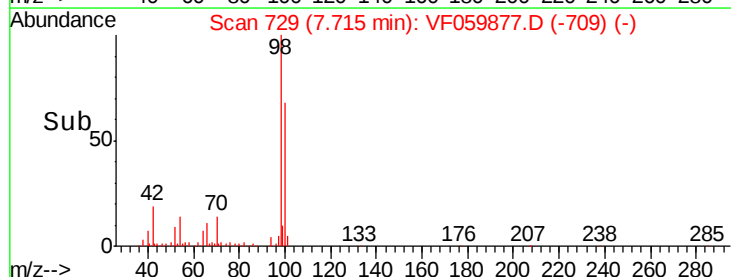
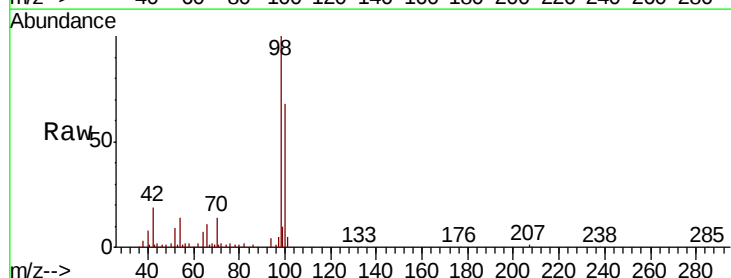
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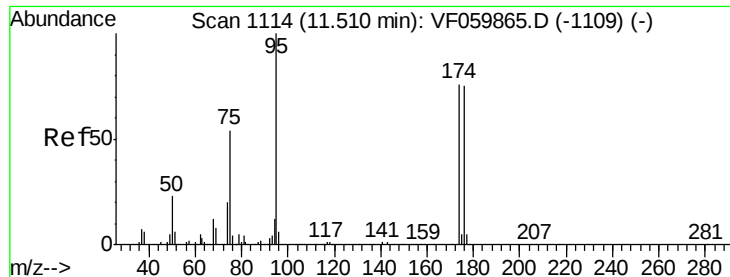
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#50
 Toluene-d8
 Concen: 32.95 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF059877.D
 Acq: 4 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	55.0	82.6





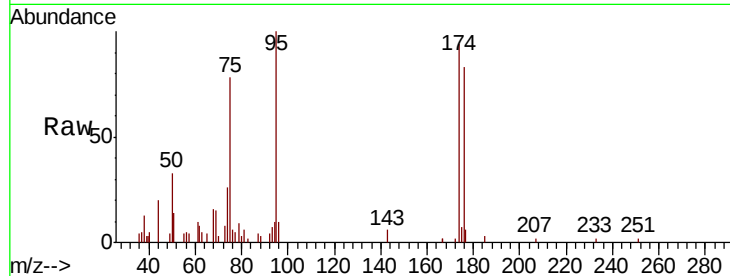
#62
4-Bromofluorobenzene
Concen: 5.48 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Instrument :
MSVOA_F
ClientSampled :
SOIL-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	151.6
176	88.1	0.0	149.8

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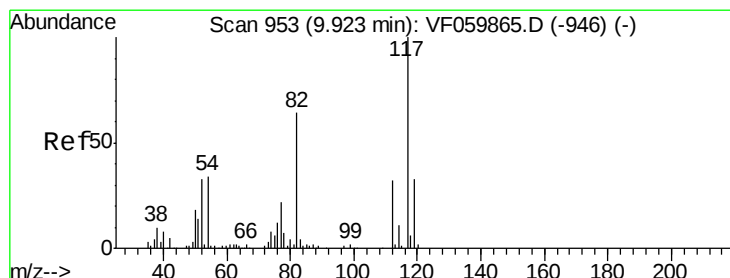
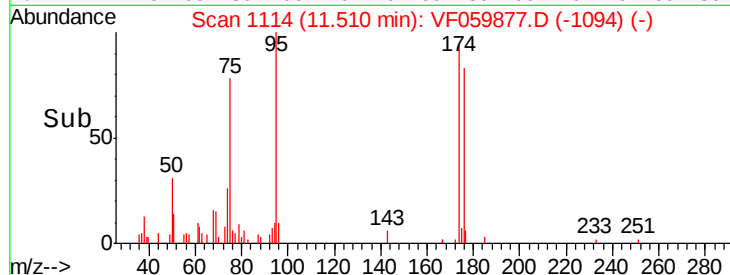
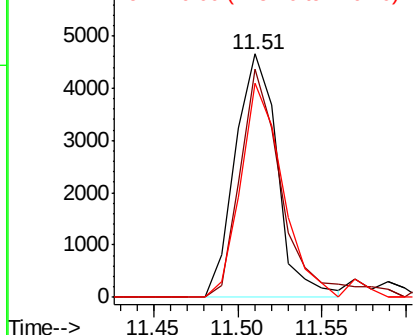


Abundance

Ion 95.00 (94.70 to 95.70): VF059877.D (-1094) (-)

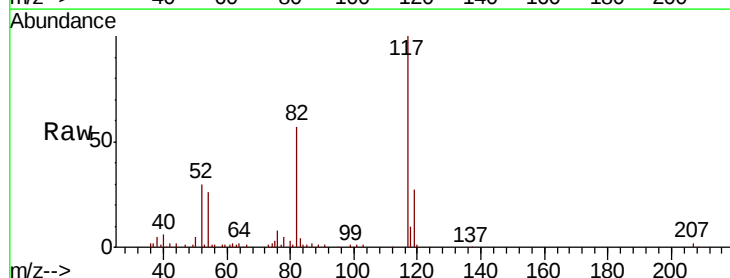
Ion 174.00 (173.70 to 174.70): VF059877.D (-1094) (-)

Ion 176.00 (175.70 to 176.70): VF059877.D (-1094) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	51.3	76.9
119	26.8	26.4	39.6

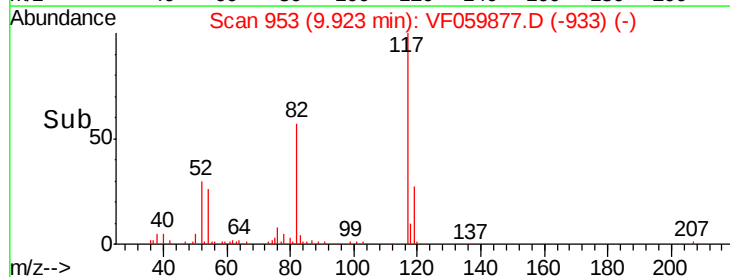
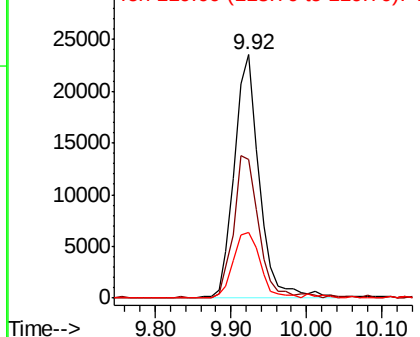


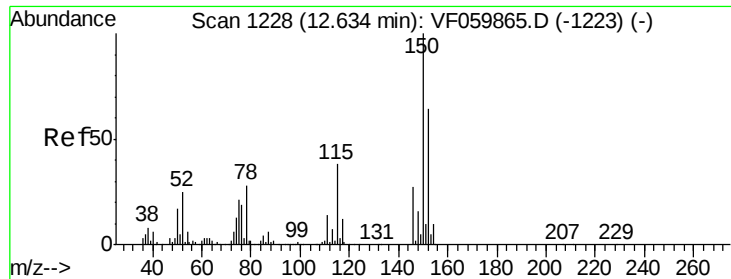
Abundance

Ion 117.00 (116.70 to 117.70): VF059877.D (-933) (-)

Ion 82.00 (81.70 to 82.70): VF059877.D (-933) (-)

Ion 119.00 (118.70 to 119.70): VF059877.D (-933) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

SOIL-1

Tot Ion:152 Resp: 4627

Ion Ratio Lower Upper

152 100

115 79.5 29.8 89.4

150 204.8 0.0 315.6

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