

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050411.D
 Acq On : 7 Aug 2018 3:27
 Operator : MD\SY
 Sample : J4333-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-5

Quant Time: Aug 07 08:03:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	442155	53.43	ug/l	0.00
Spiked Amount						
			Recovery	=	106.86%	
35) Dibromofluoromethane	7.60	113	398960	48.08	ug/l	0.00
Spiked Amount						
			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1406053	45.07	ug/l	0.00
Spiked Amount						
			Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.40	95	412161	38.76	ug/l	0.00
Spiked Amount						
			Recovery	=	77.52%	

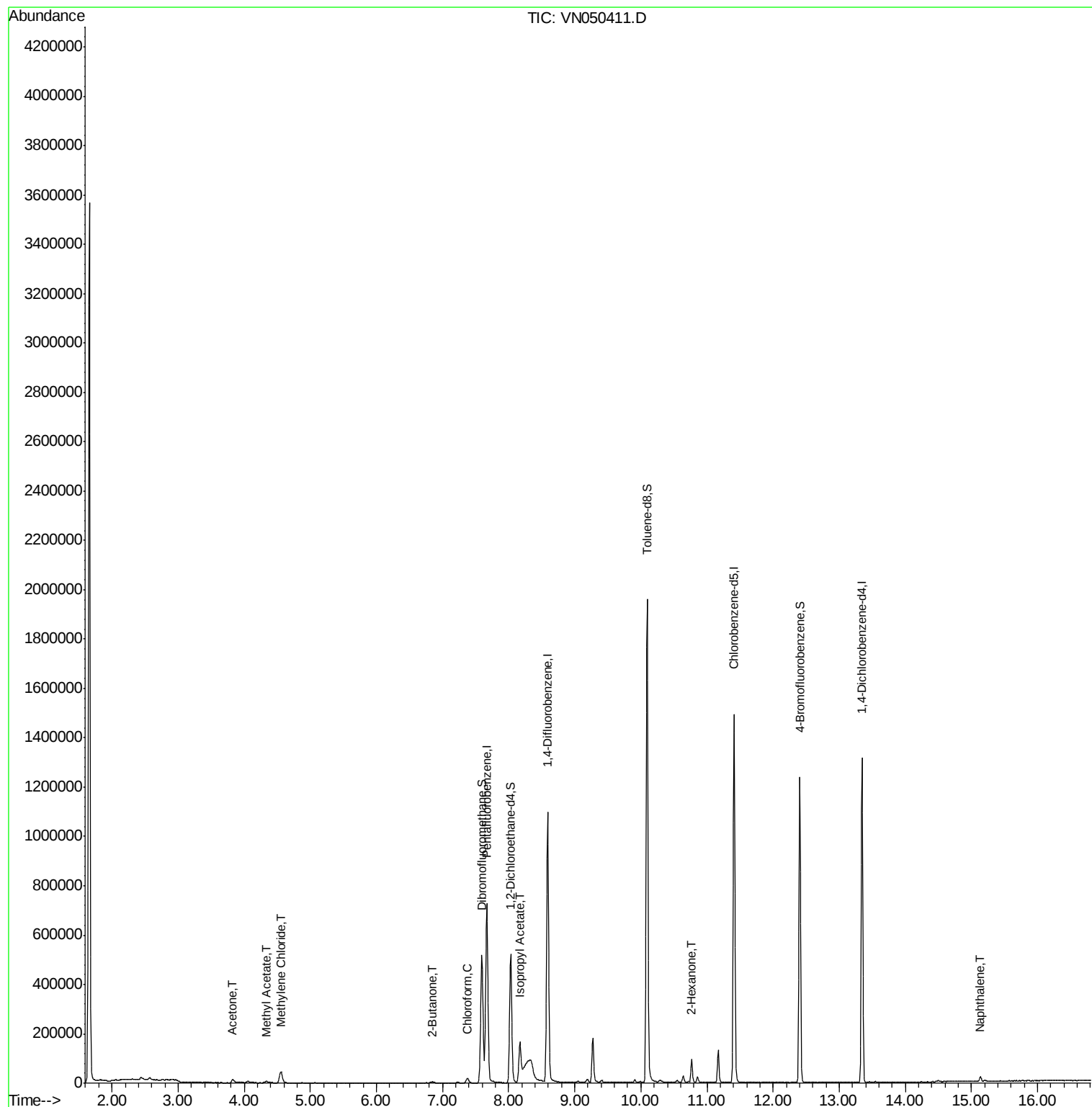
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22930	8.94	ug/l	97
18) Methyl Acetate	4.33	43	11950	1.68	ug/l #	64
20) Methylene Chloride	4.55	84	35355	3.23	ug/l	94
25) 2-Butanone	6.86	43	4819	1.18	ug/l #	84
30) Chloroform	7.38	83	20087	1.49	ug/l	91
43) Isopropyl Acetate	8.17	43	202586	14.34	ug/l	99
59) 2-Hexanone	10.77	43	14070	1.98	ug/l #	57
95) Naphthalene	15.14	128	15543	4.43	ug/l	98

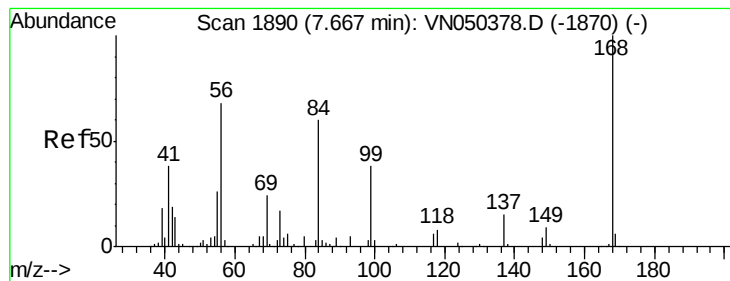
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050411.D
Acq On : 7 Aug 2018 3:27
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL-5

Quant Time: Aug 07 08:03:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050411.D

Acq: 7 Aug 2018 3:27

Instrument :

MSVOA_N

ClientSampled :

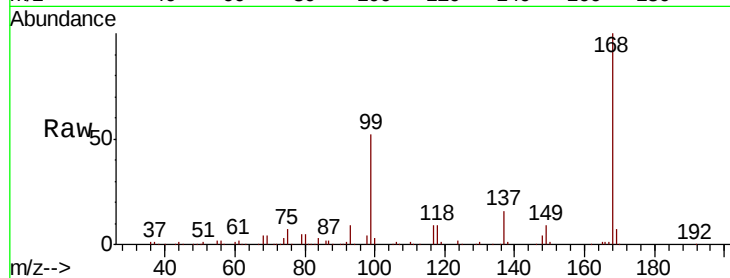
SOIL-5

Tot Ion:168 Resp: 619351

Ion Ratio Lower Upper

168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

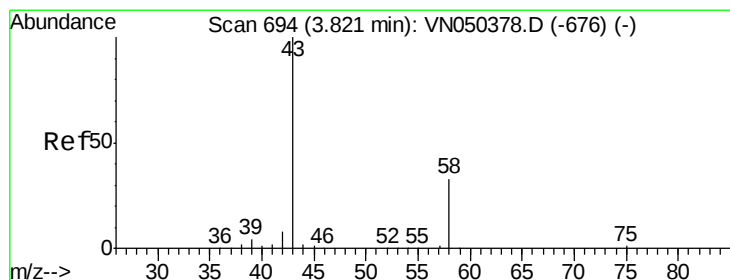
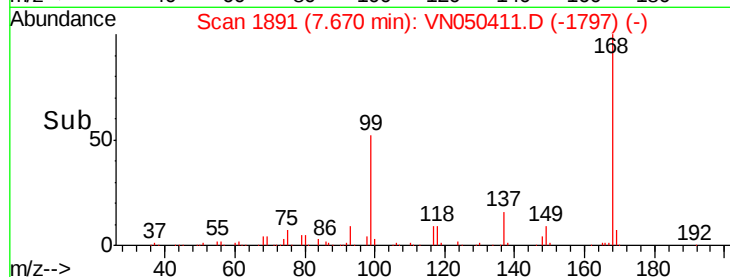
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.94 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050411.D

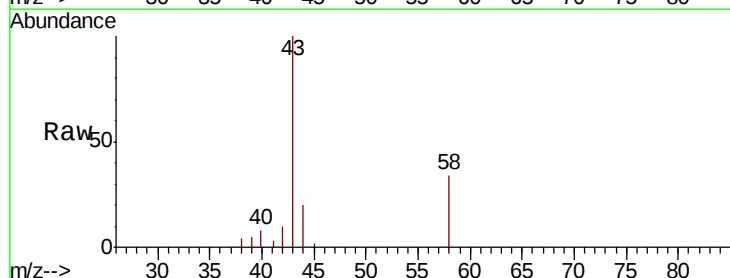
Acq: 7 Aug 2018 3:27

Tgt Ion: 43 Resp: 22930

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

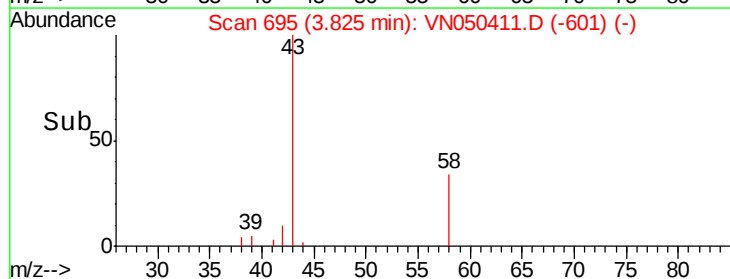
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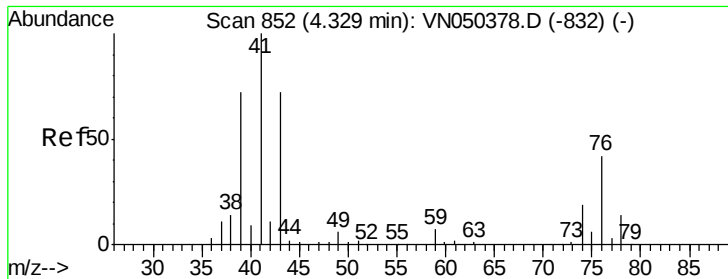
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2000

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Time-->

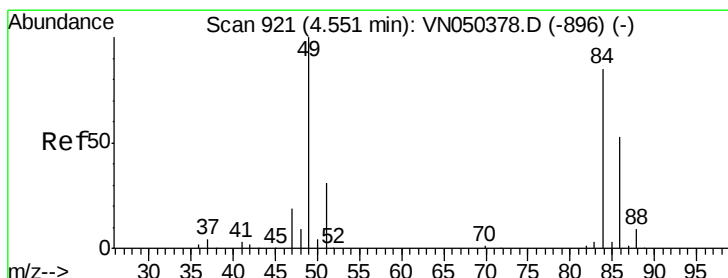
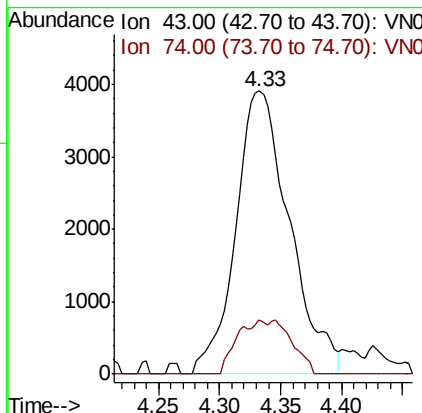
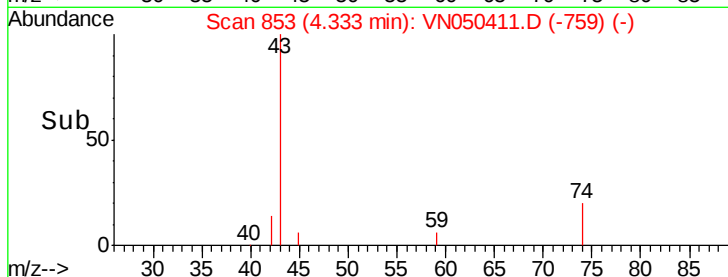
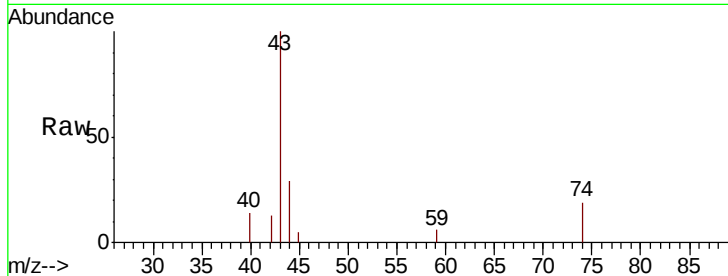




#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

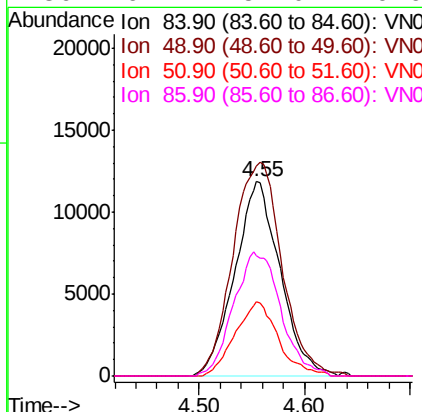
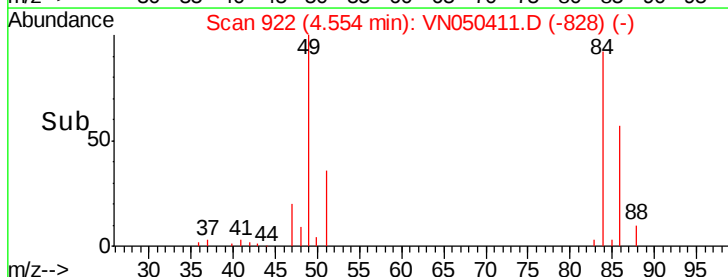
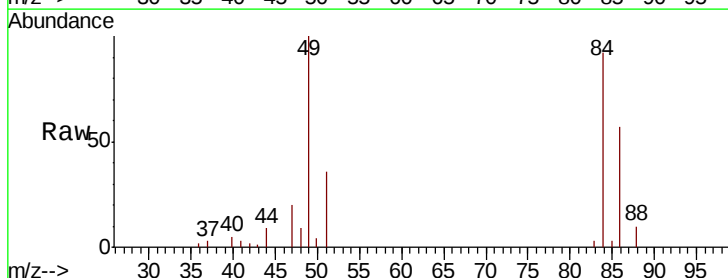
Instrument :
MSVOA_N
ClientSampleId :
SOIL-5

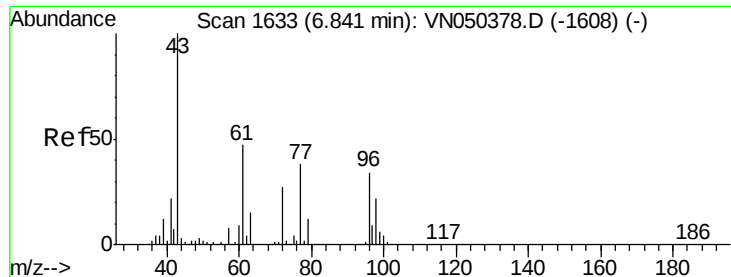
Tot Ion: 43 Resp: 11950
Ion Ratio Lower Upper
43 100
74 6.2 19.2 28.8#



#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

Tgt Ion: 84 Resp: 35355
Ion Ratio Lower Upper
84 100
49 108.4 94.8 142.2
51 38.6 28.3 42.5
86 62.1 51.0 76.6

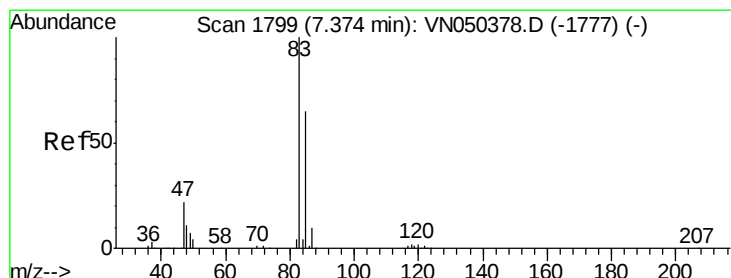
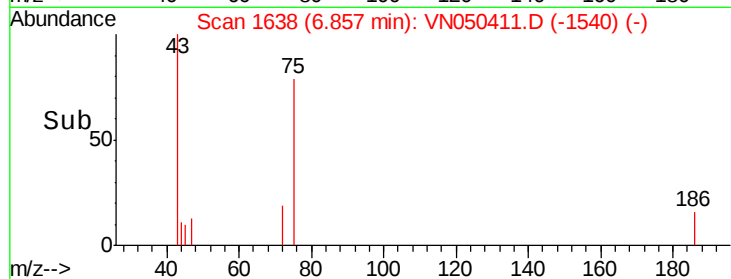
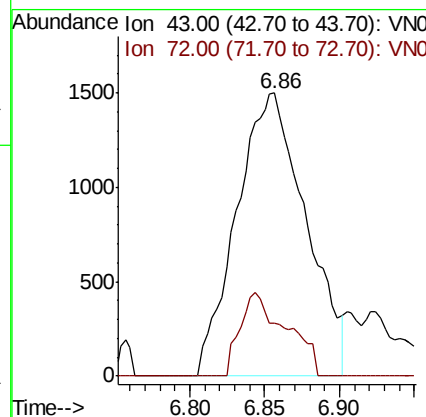
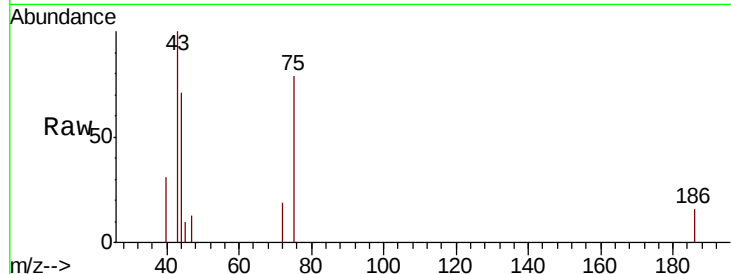




#25
2-Butanone
Concen: 1.18 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

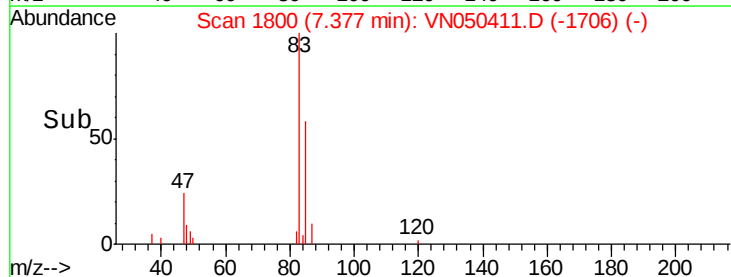
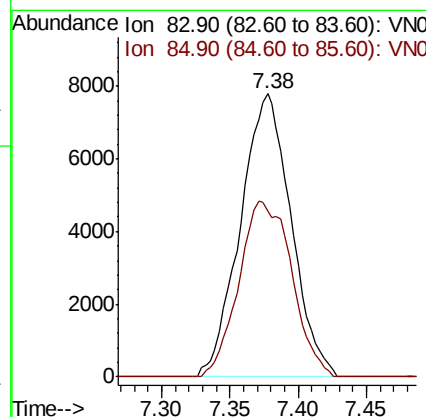
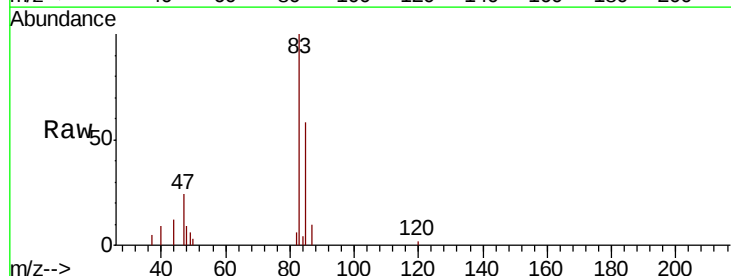
Instrument :
MSVOA_N
ClientSampled :
SOIL-5

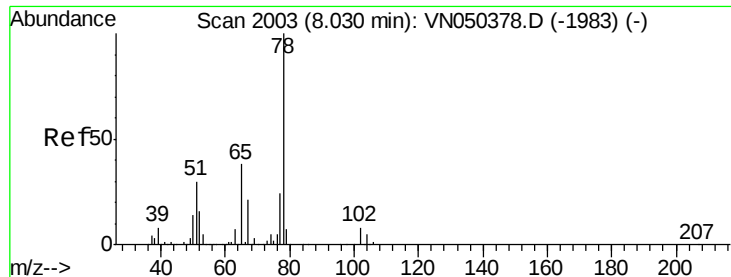
Tot Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
72 18.6 21.5 32.3#



#30
Chloroform
Concen: 1.49 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

Tgt Ion: 83 Resp: 20087
Ion Ratio Lower Upper
83 100
85 58.3 52.5 78.7

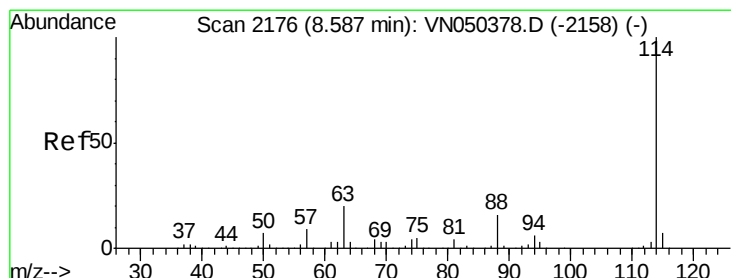
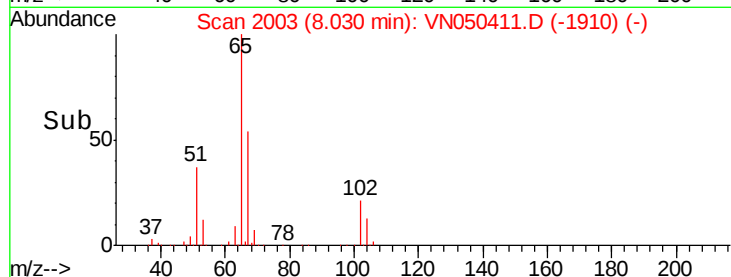
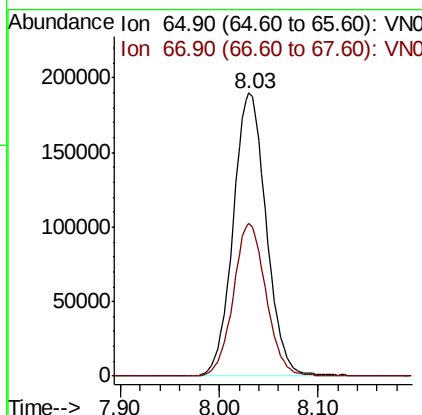
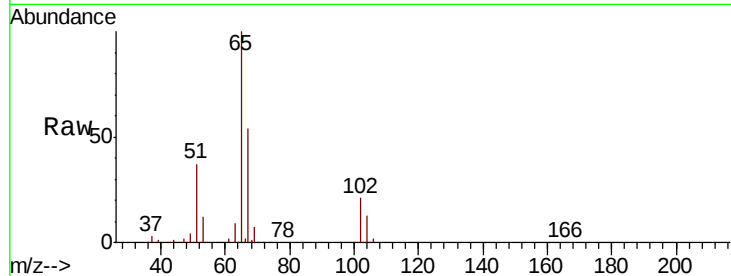




#33
 1,2-Dichloroethane-d4
 Concen: 53.43 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050411.D
 Acq: 7 Aug 2018 3:27

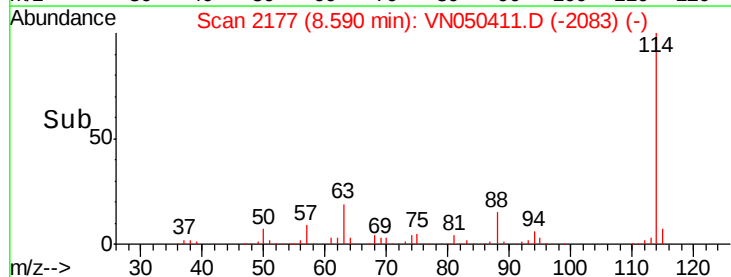
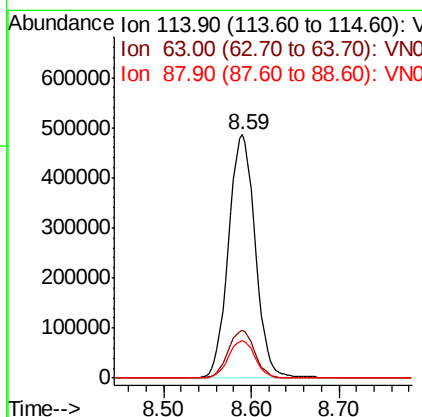
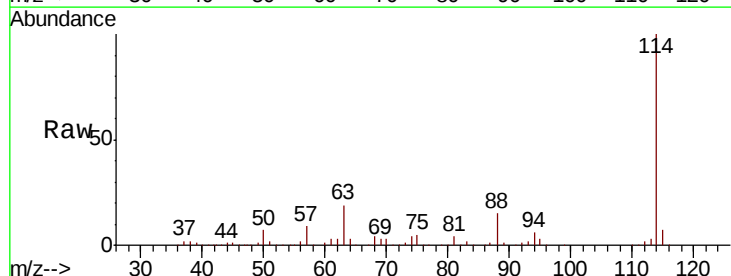
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-5

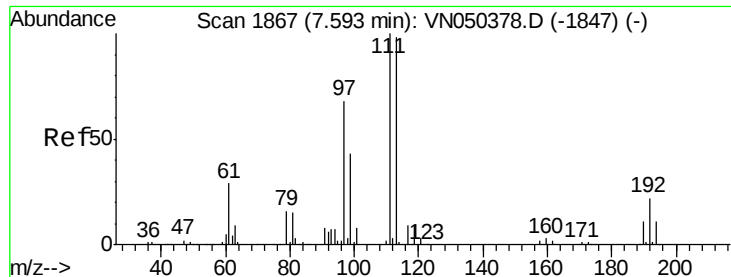
Tot Ion: 65 Resp: 442155
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050411.D
 Acq: 7 Aug 2018 3:27

Tgt Ion: 114 Resp: 1034149
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.4 0.0 31.2

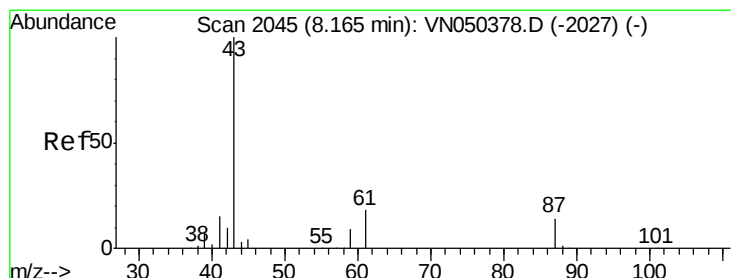
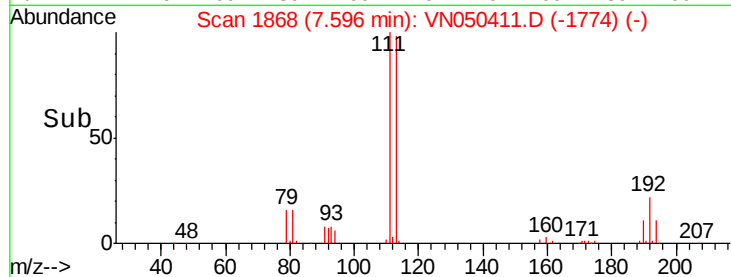
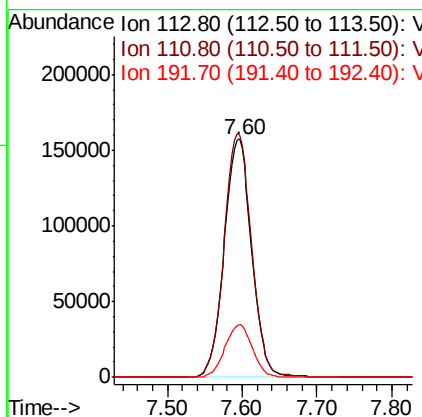
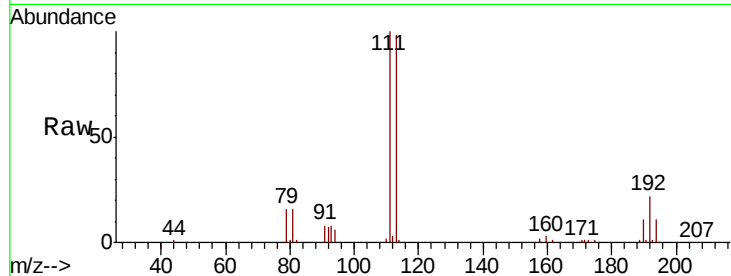




#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050411.D
 Acq: 7 Aug 2018 3:27

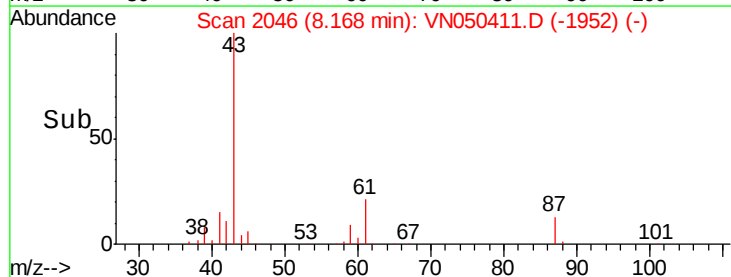
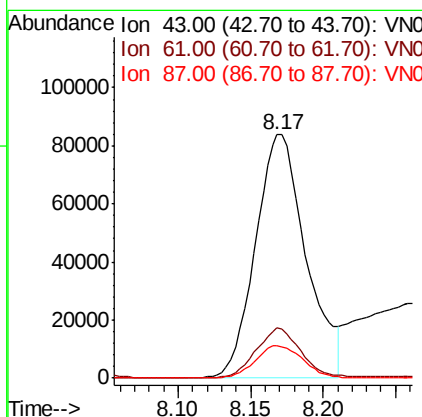
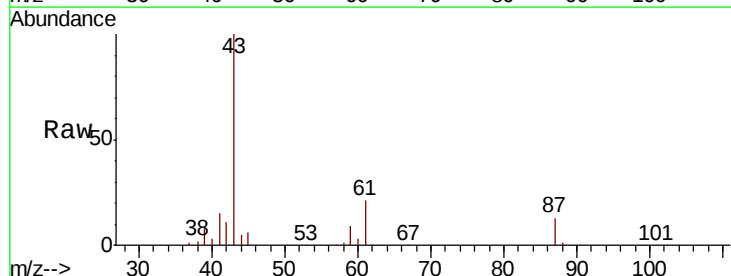
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-5

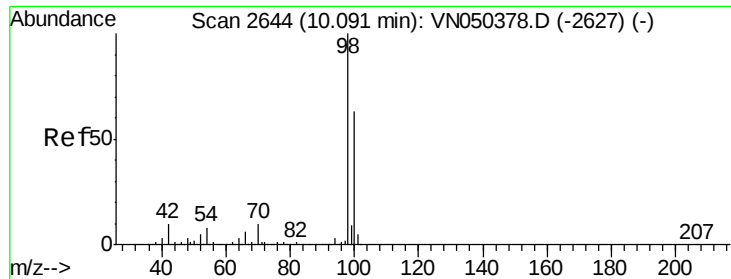
Tot Ion:113 Resp: 398960
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 14.34 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050411.D
 Acq: 7 Aug 2018 3:27

Tgt Ion: 43 Resp: 202586
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.8 23.6
 87 12.5 10.3 15.5

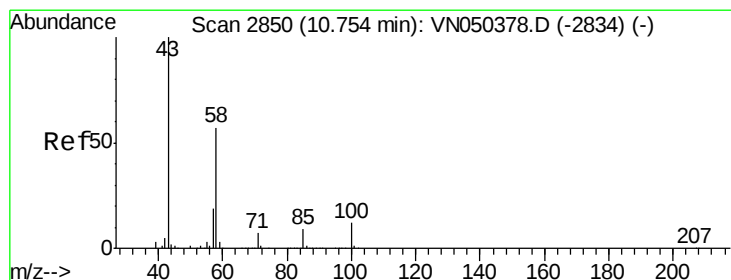
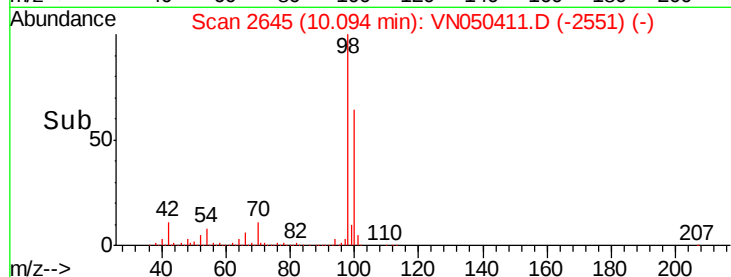
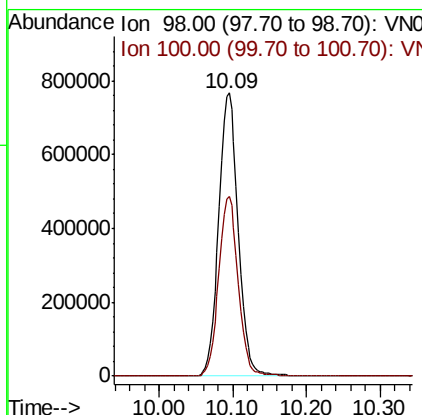
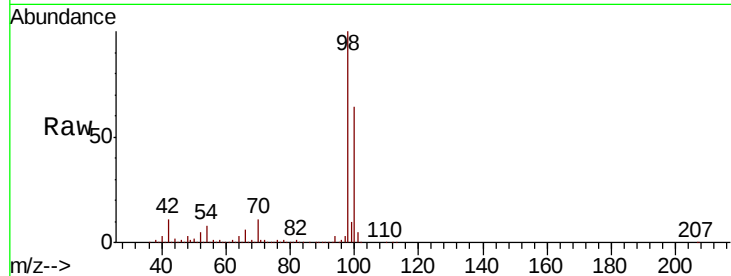




#50
Toluene-d8
Concen: 45.07 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

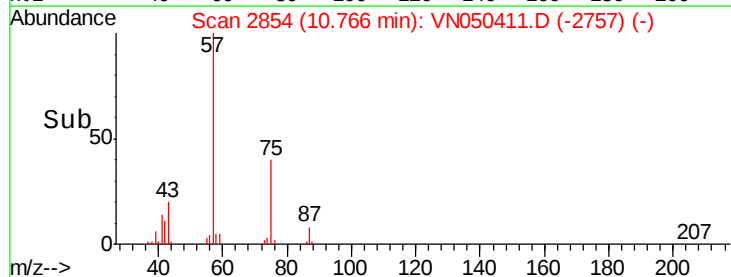
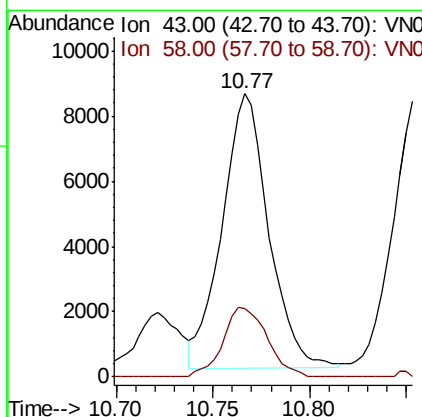
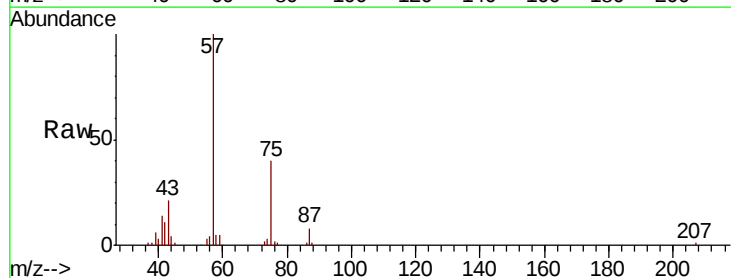
Instrument :
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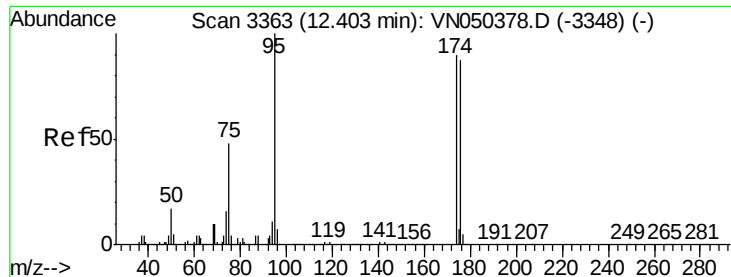
Tot Ion: 98 Resp: 1406053
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#59
2-Hexanone
Concen: 1.98 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

Tgt Ion: 43 Resp: 14070
Ion Ratio Lower Upper
43 100
58 24.0 27.6 82.7#

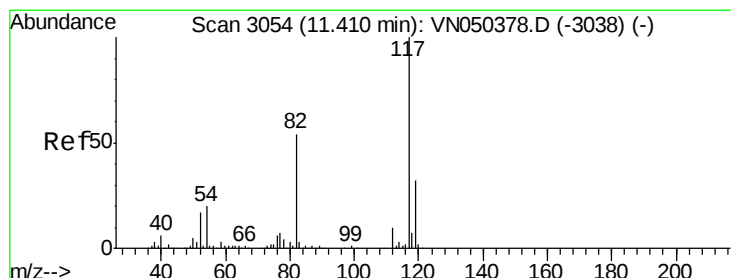
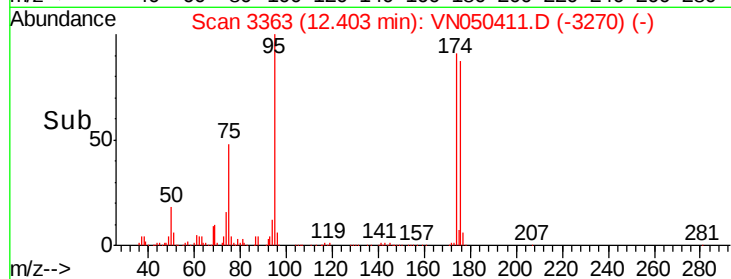
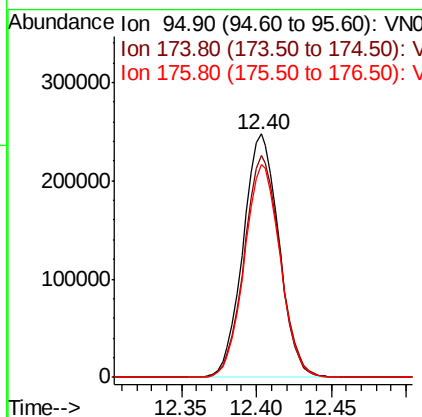
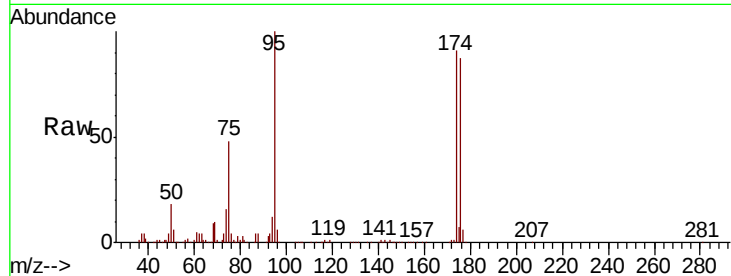




#62
4-Bromofluorobenzene
Concen: 38.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

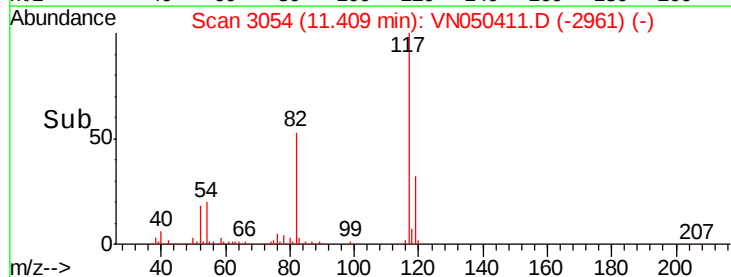
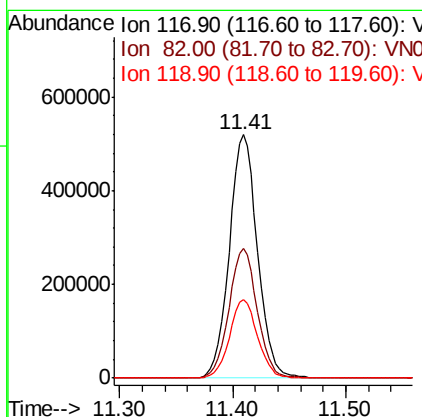
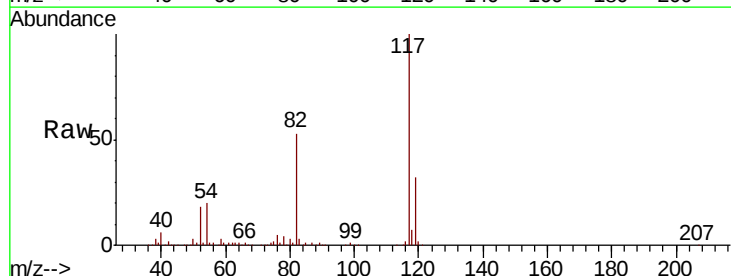
Instrument :
MSVOA_N
ClientSampleId :
SOIL-5

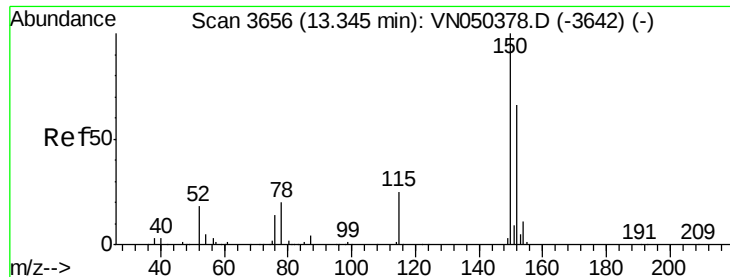
Tot Ion: 95 Resp: 412161
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.4 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050411.D
Acq: 7 Aug 2018 3:27

Tgt Ion: 117 Resp: 896283
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050411.D

Acq: 7 Aug 2018 3:27

Instrument :

MSVOA_N

ClientSampleId :

SOIL-5

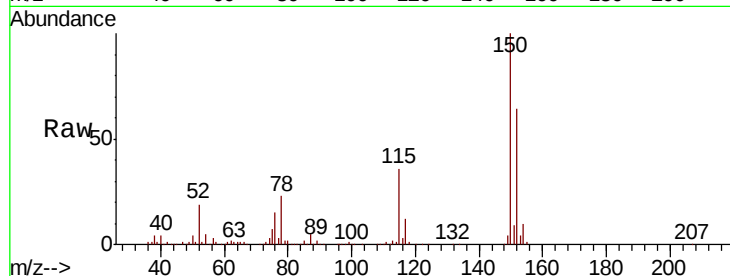
Tot Ion:152 Resp: 369488

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

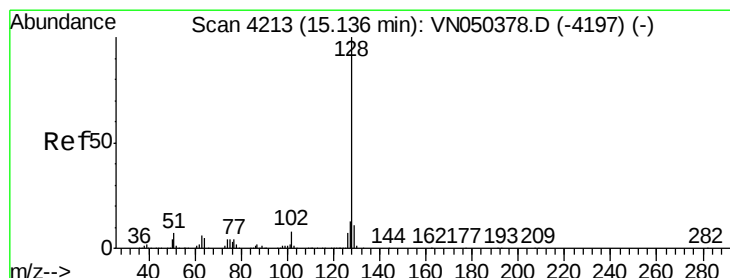
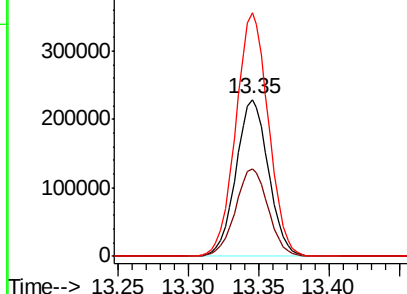
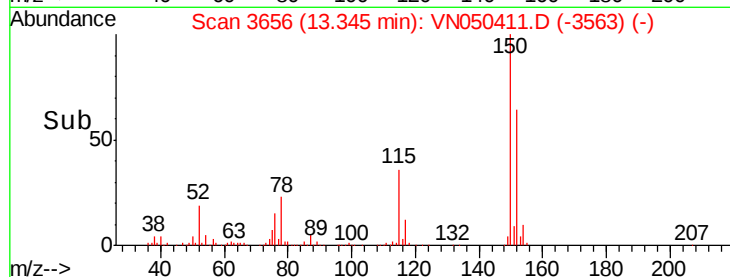
150 156.1 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.43 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050411.D

Acq: 7 Aug 2018 3:27

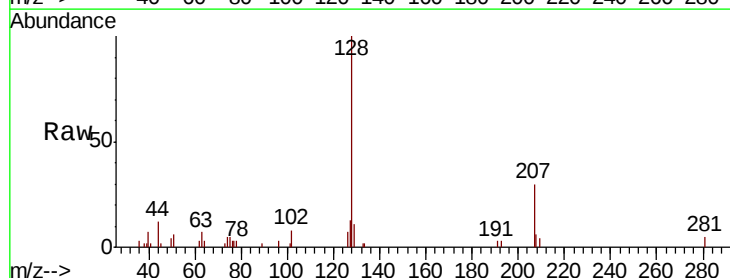
Tgt Ion:128 Resp: 15543

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 11.9 8.8 13.2



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

