

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050415.D
 Acq On : 7 Aug 2018 5:06
 Operator : MD\SY
 Sample : J4333-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

Quant Time: Aug 07 08:16:13 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	638816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1045735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346588	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	453017	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.59	113	412984	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.09	98	1433586	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.40	95	402321	37.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.84%	

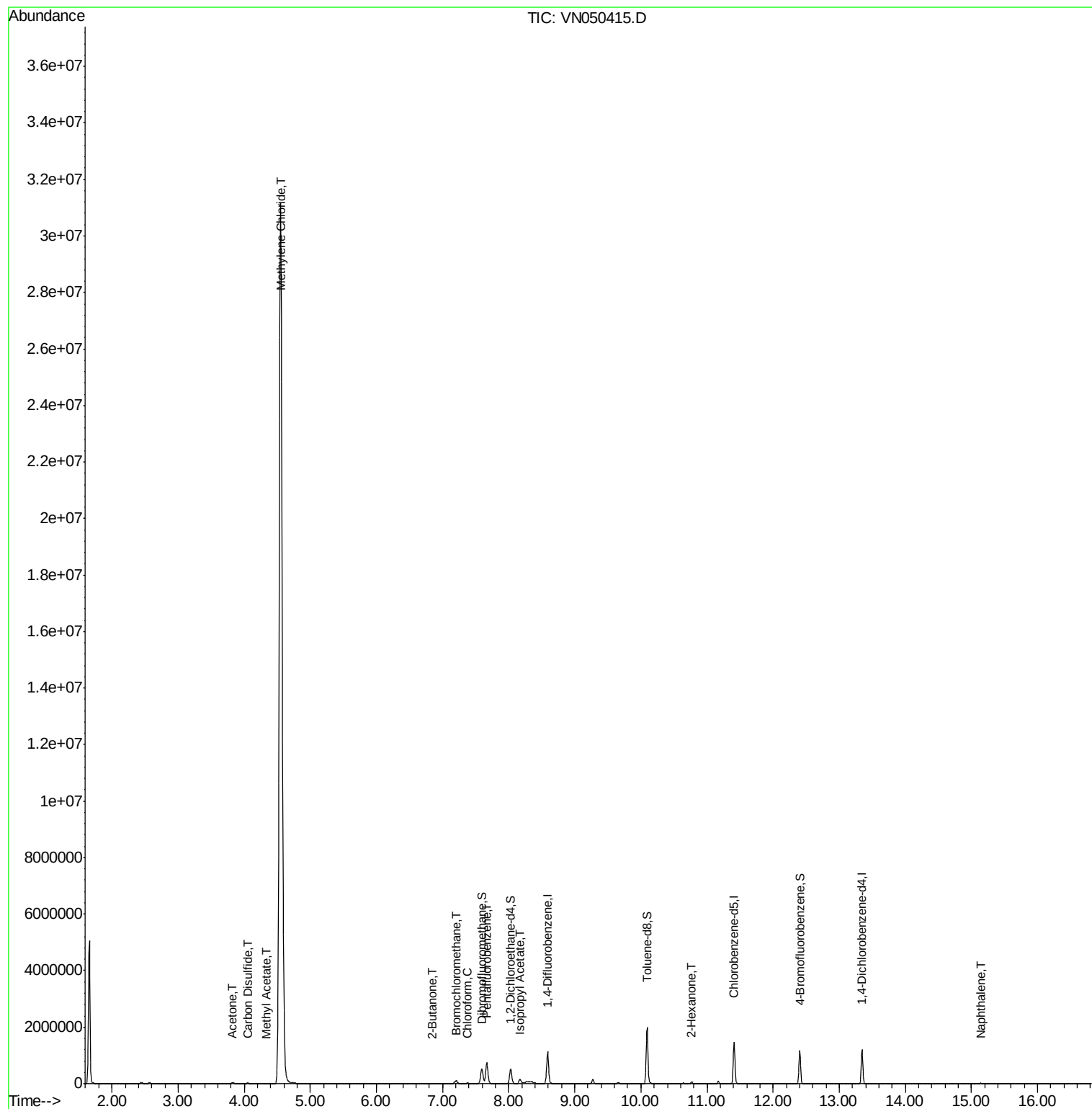
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	48085	18.56	ug/l	97
17) Carbon Disulfide	4.05	76	37057	1.65	ug/l	98
18) Methyl Acetate	4.34	43	13473	1.85	ug/l	92
20) Methylene Chloride	4.55	84	24904387	3300.07	ug/l	93
25) 2-Butanone	6.85	43	4907	1.16	ug/l #	88
28) Bromochloromethane	7.20	49	68744	10.74	ug/l	97
30) Chloroform	7.38	83	21693	1.56	ug/l	100
43) Isopropyl Acetate	8.17	43	191604	13.41	ug/l	98
59) 2-Hexanone	10.77	43	8690	1.21	ug/l #	60
95) Naphthalene	15.14	128	9352	4.14	ug/l #	93

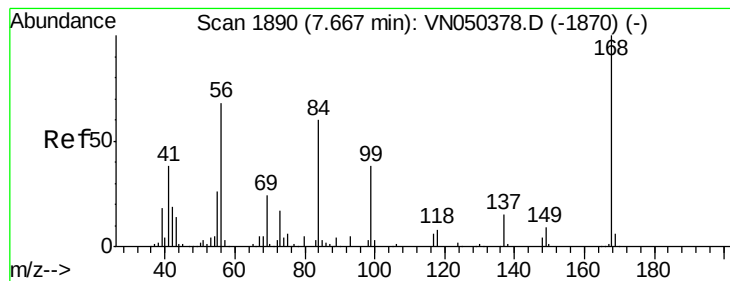
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050415.D

Acq: 7 Aug 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

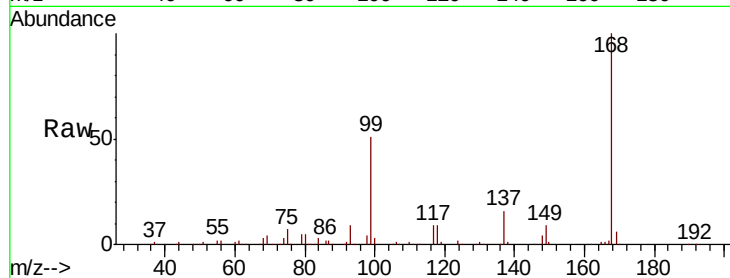
SOIL-1

Tot Ion:168 Resp: 638816

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

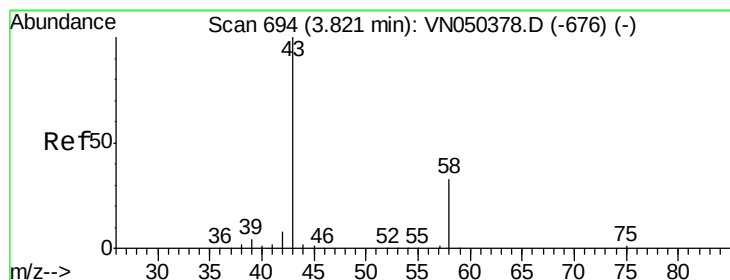
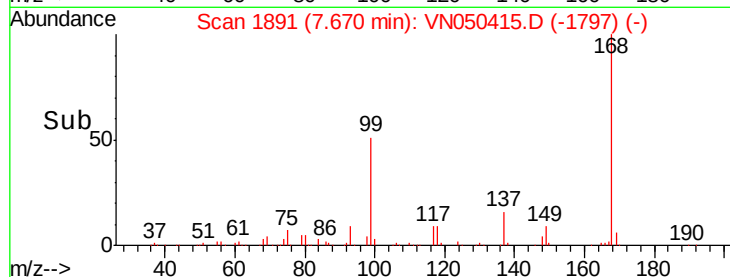
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 18.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050415.D

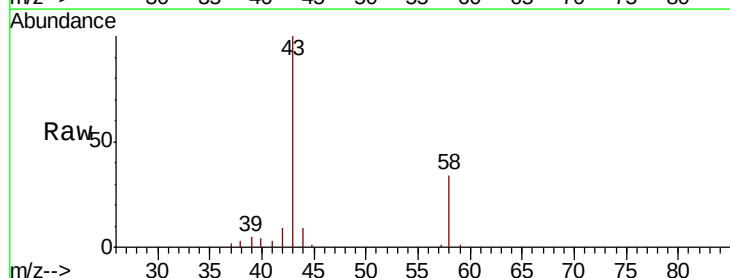
Acq: 7 Aug 2018 5:06

Tgt Ion: 43 Resp: 48085

Ion Ratio Lower Upper

43 100

58 33.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.82

20000

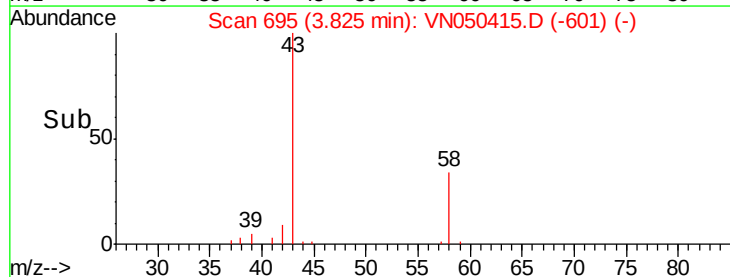
15000

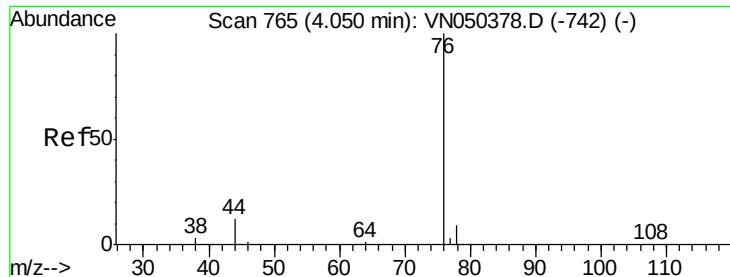
10000

5000

0

Time--> 3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 1.65 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050415.D

Acq: 7 Aug 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

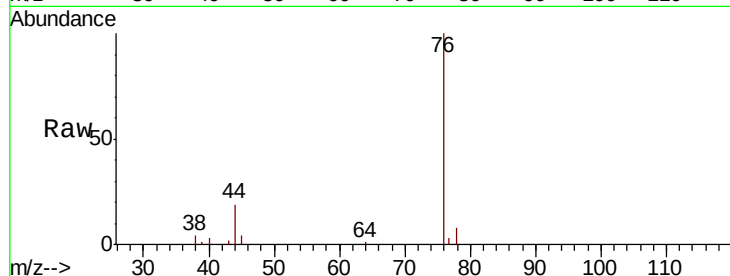
SOIL-1

Tot Ion: 76 Resp: 37057

Ion Ratio Lower Upper

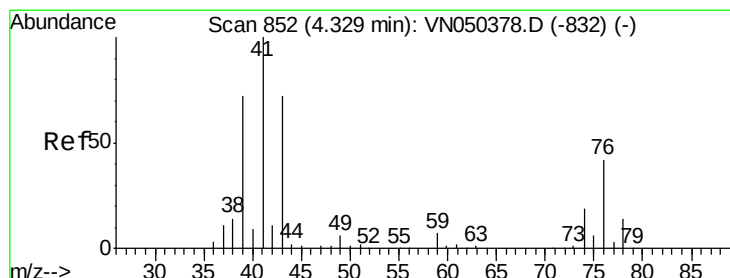
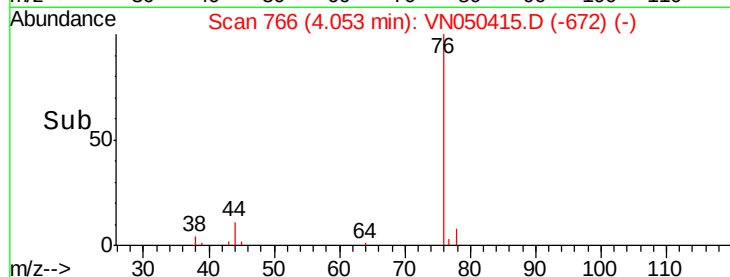
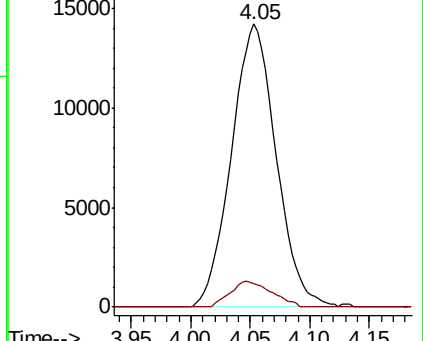
76 100

78 8.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.85 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050415.D

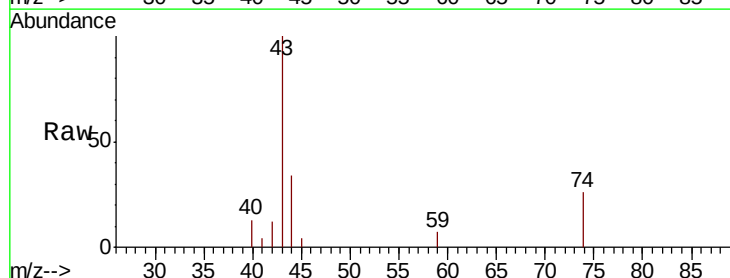
Acq: 7 Aug 2018 5:06

Tgt Ion: 43 Resp: 13473

Ion Ratio Lower Upper

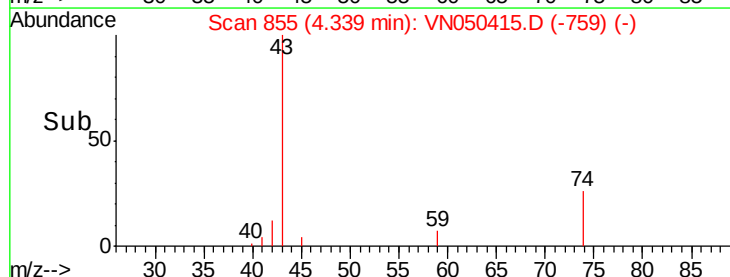
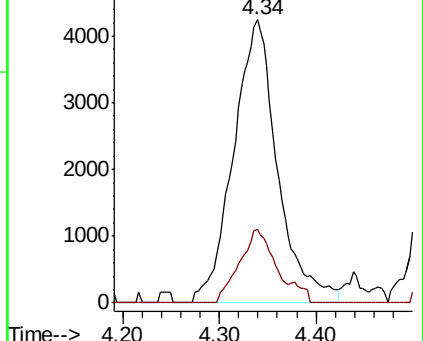
43 100

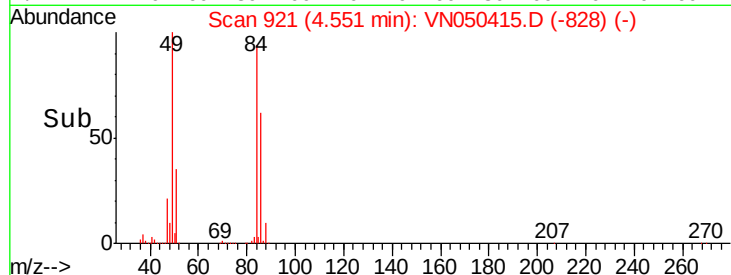
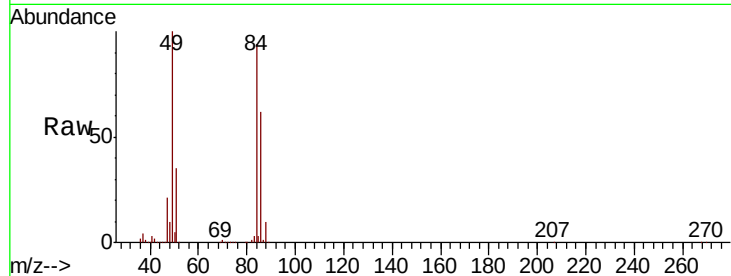
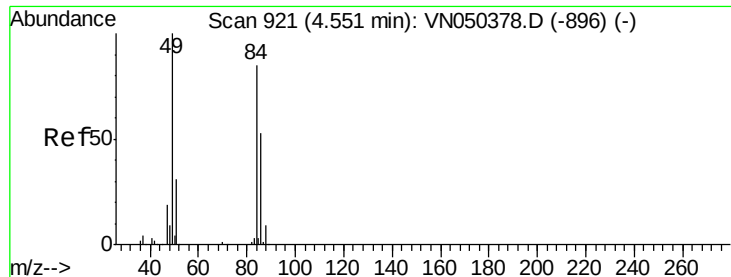
74 20.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

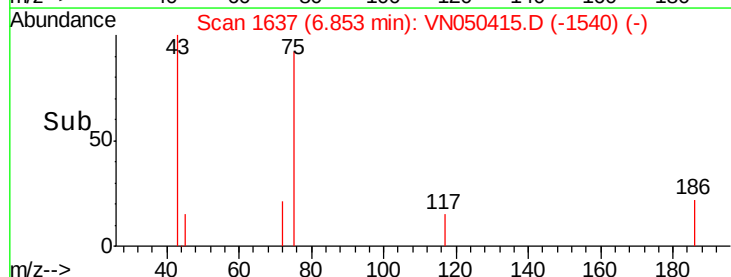
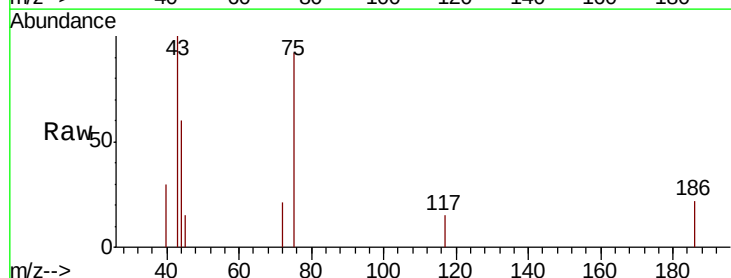
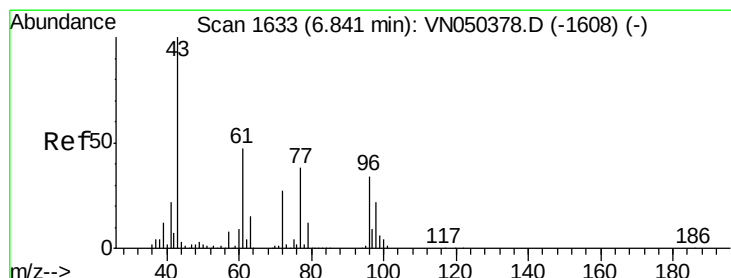
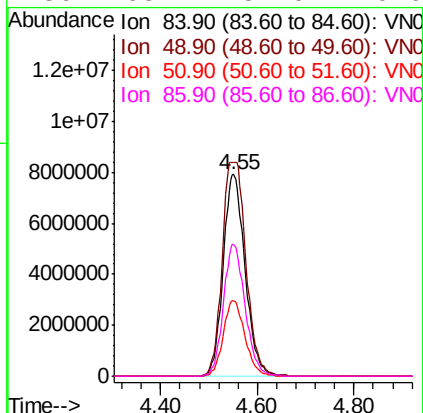




#20
Methylene Chloride
Concen: 3300.07 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

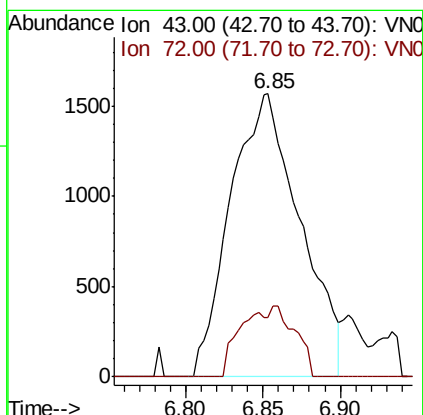
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

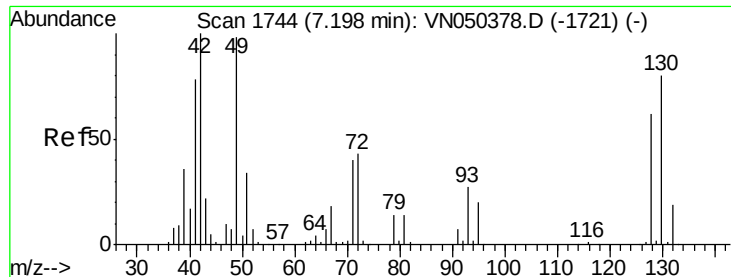
Tot Ion: 84 Resp:24904387
Ion Ratio Lower Upper
84 100
49 105.9 94.8 142.2
51 37.5 28.3 42.5
86 65.4 51.0 76.6



#25
2-Butanone
Concen: 1.16 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

Tgt Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
72 20.9 21.5 32.3#





#28

Bromochloromethane

Concen: 10.74 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VN050415.D

Acq: 7 Aug 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

SOIL-1

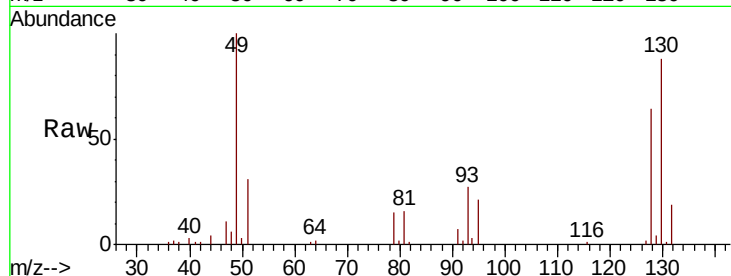
Tot Ion: 49 Resp: 68744

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

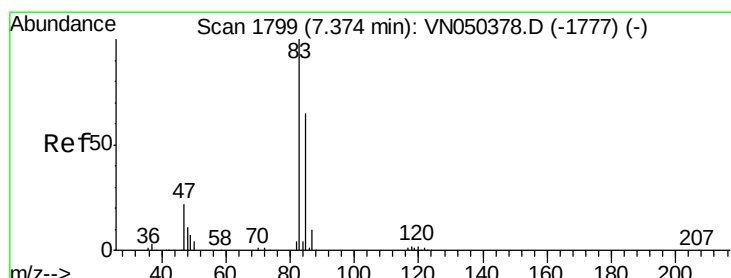
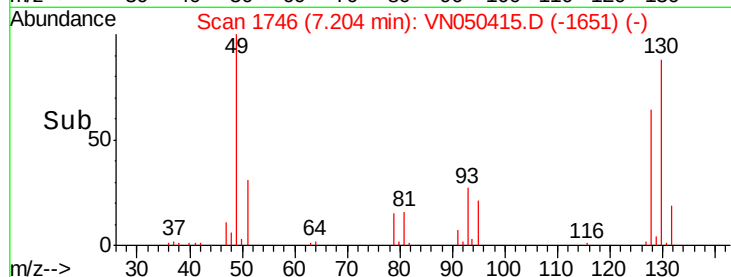
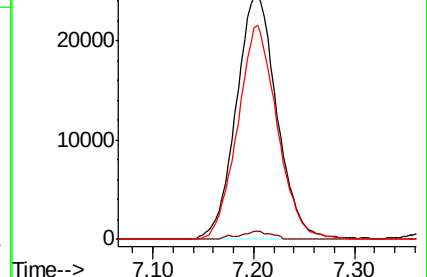
130 85.5 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 1.56 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050415.D

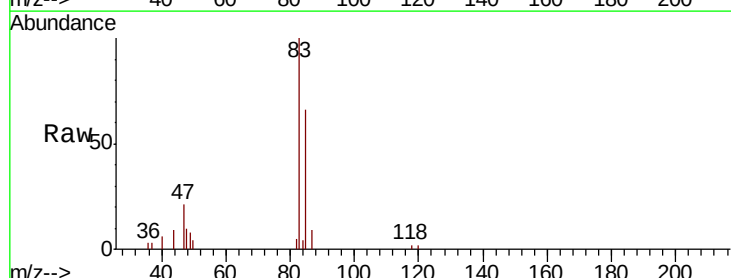
Acq: 7 Aug 2018 5:06

Tgt Ion: 83 Resp: 21693

Ion Ratio Lower Upper

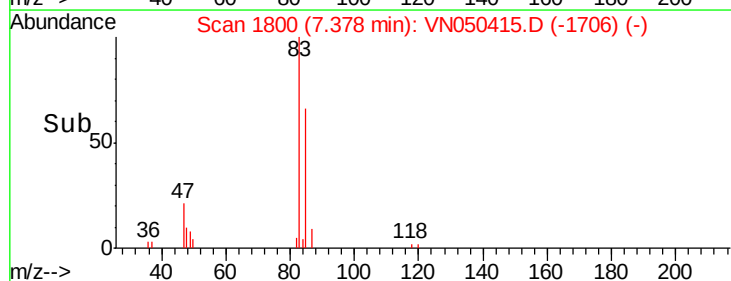
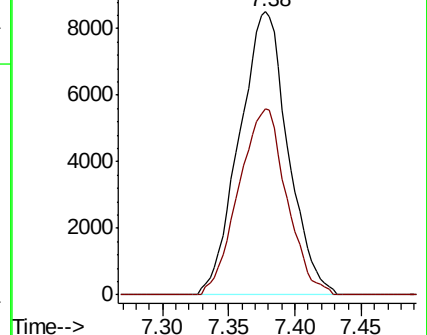
83 100

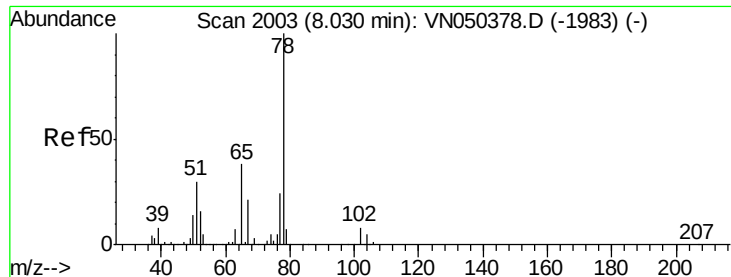
85 65.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

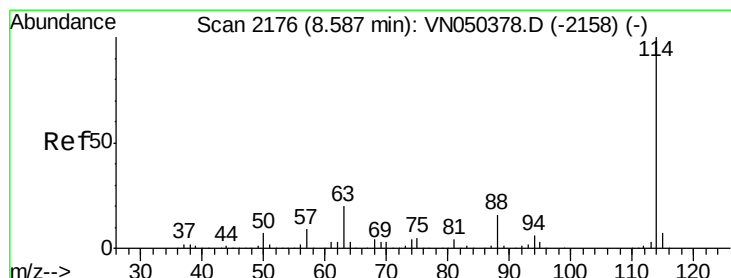
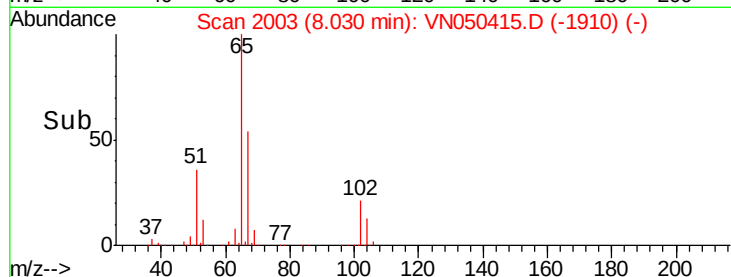
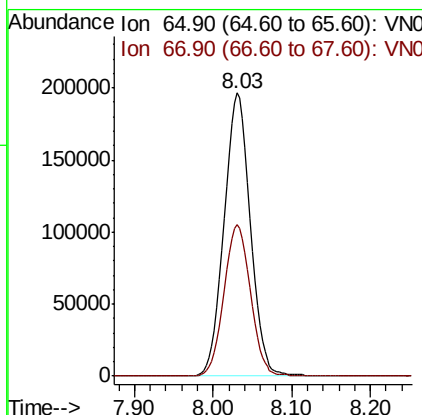
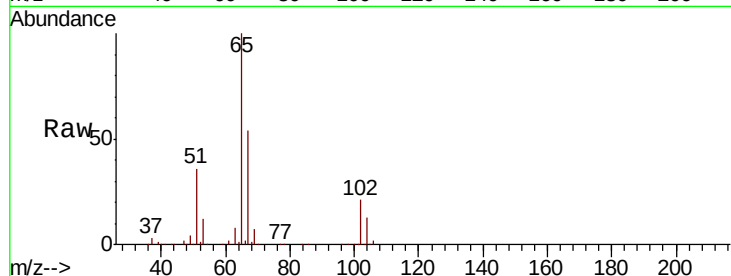




#33
 1,2-Dichloroethane-d4
 Concen: 53.08 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050415.D
 Acq: 7 Aug 2018 5:06

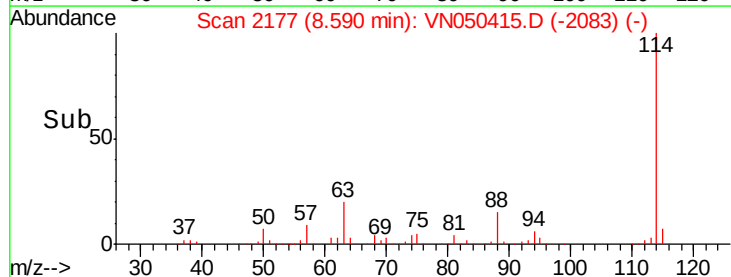
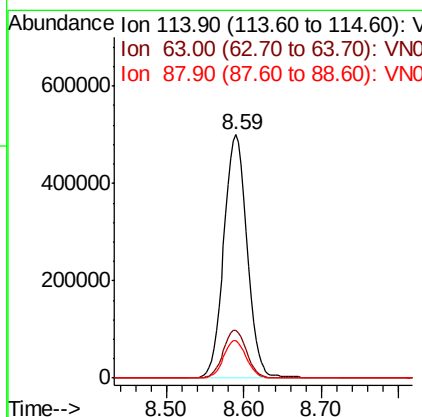
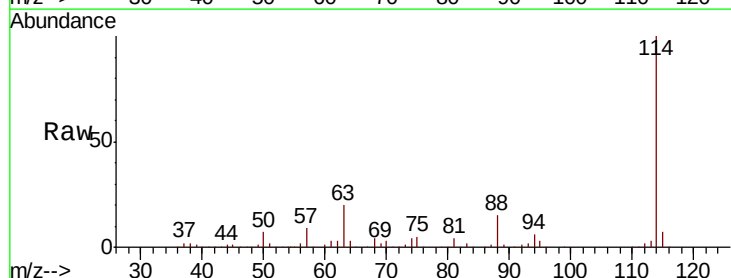
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

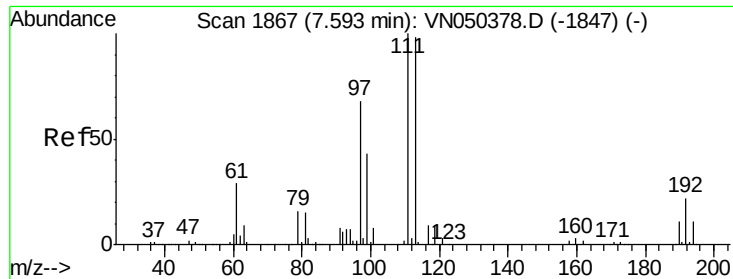
Tot Ion: 65 Resp: 453017
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050415.D
 Acq: 7 Aug 2018 5:06

Tgt Ion: 114 Resp: 1045735
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

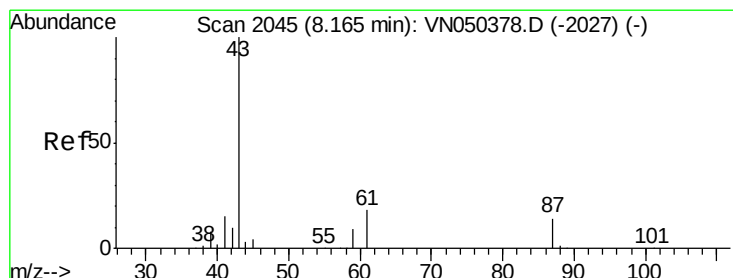
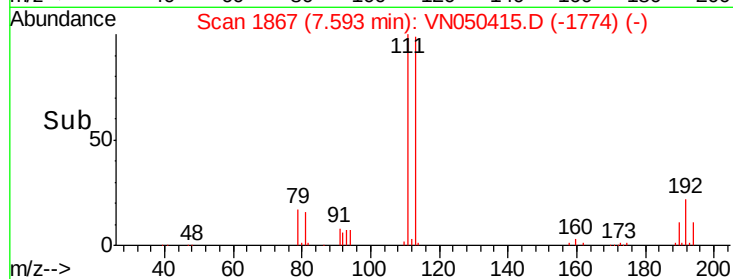
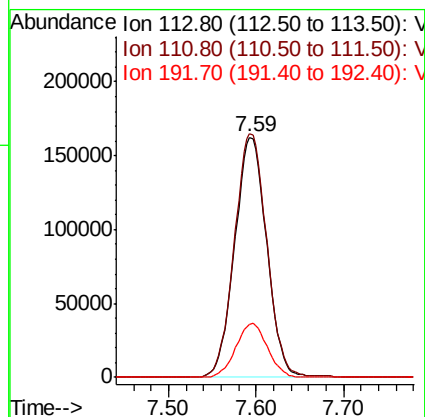
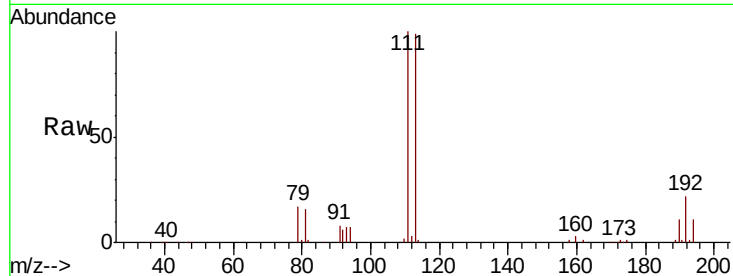




#35
Dibromofluoromethane
Concen: 49.22 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

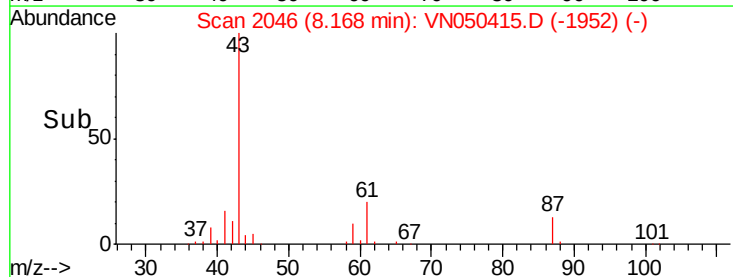
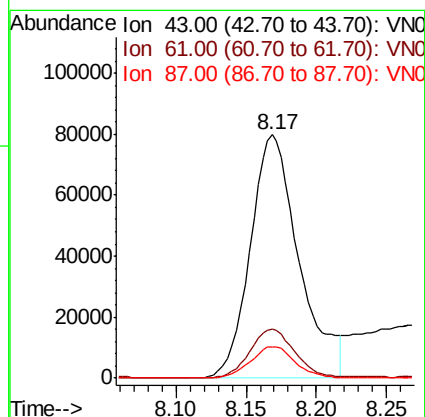
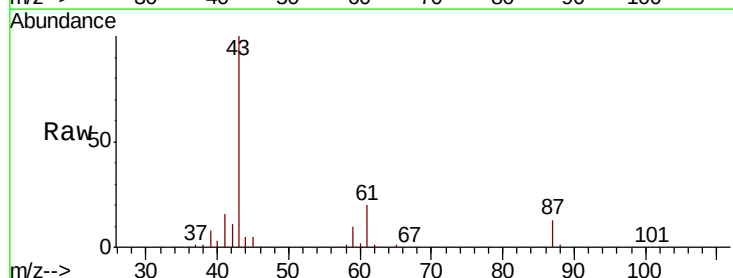
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

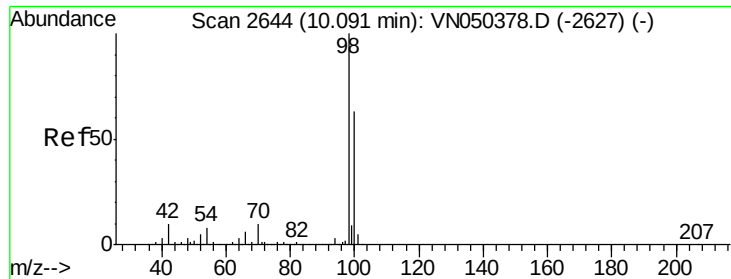
Tot Ion:113 Resp: 412984
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 22.2 17.8 26.6



#43
Isopropyl Acetate
Concen: 13.41 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

Tgt Ion: 43 Resp: 191604
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.6
87 11.9 10.3 15.5

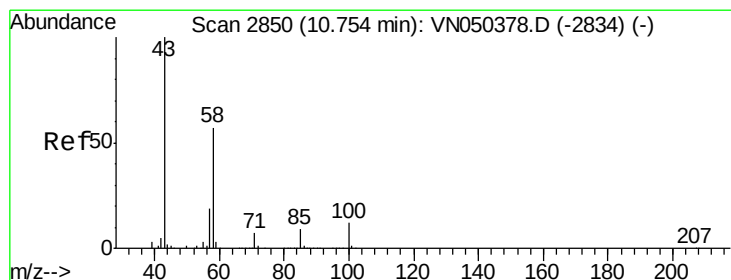
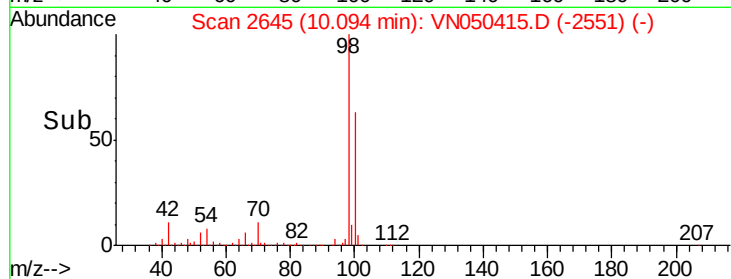
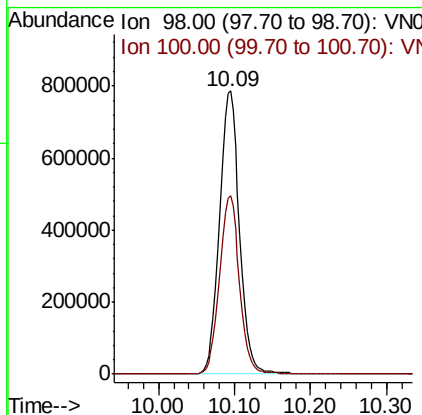
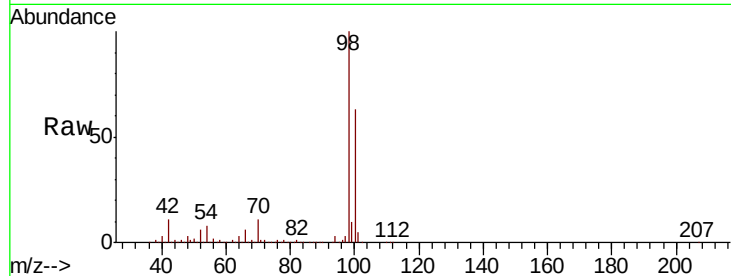




#50
Toluene-d8
Concen: 45.44 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

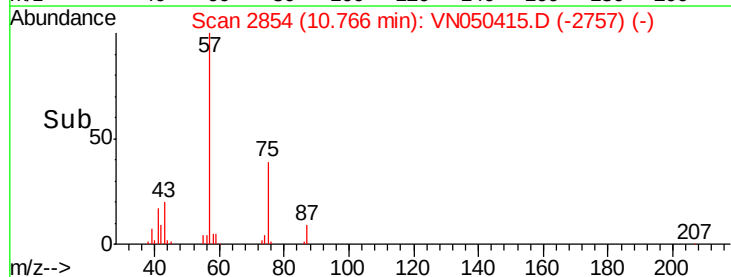
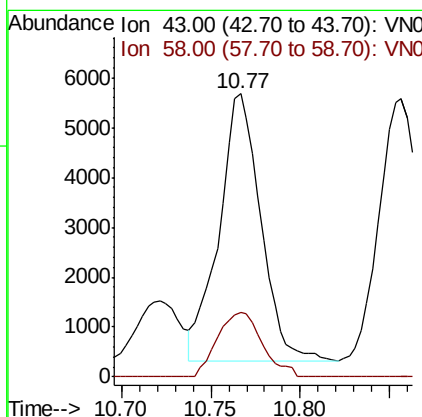
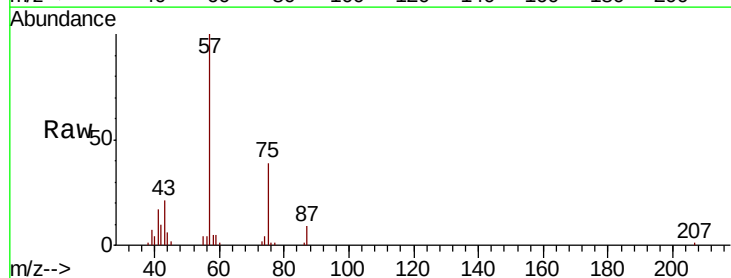
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

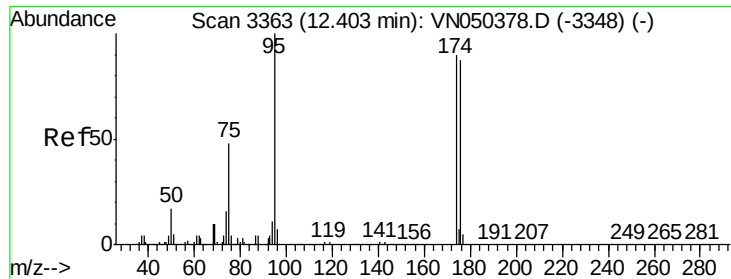
Tot Ion: 98 Resp: 1433586
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#59
2-Hexanone
Concen: 1.21 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

Tgt Ion: 43 Resp: 8690
Ion Ratio Lower Upper
43 100
58 25.9 27.6 82.7#

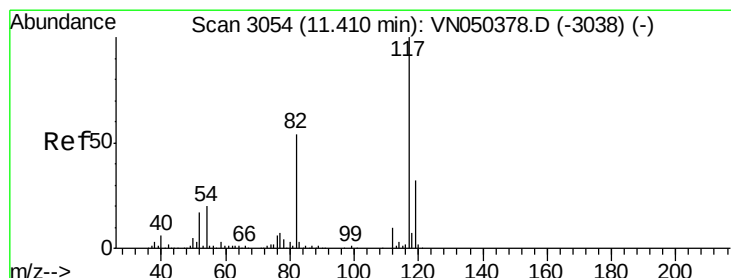
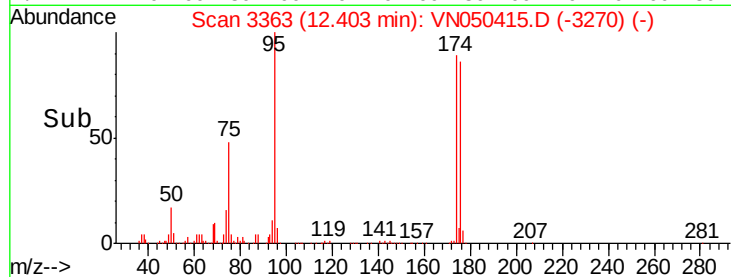
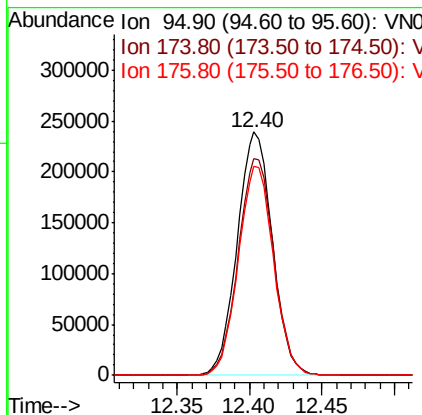
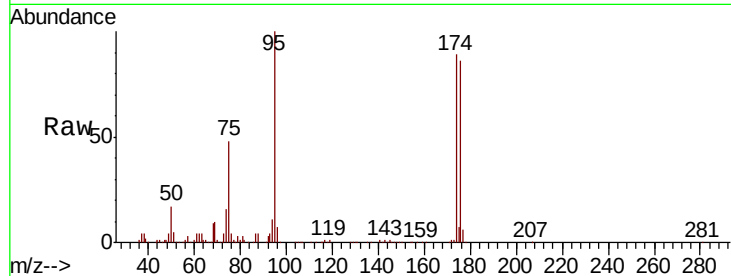




#62
4-Bromofluorobenzene
Concen: 37.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

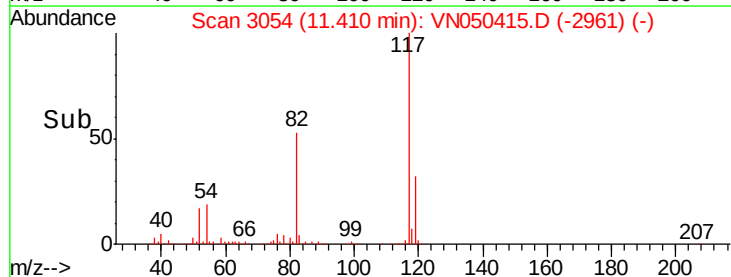
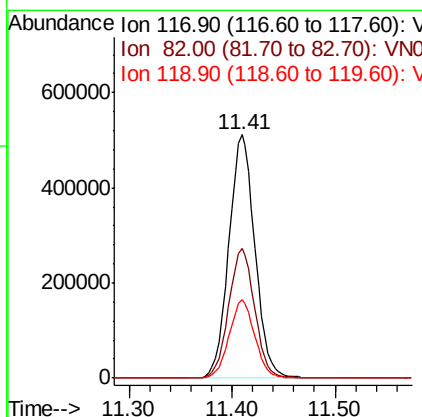
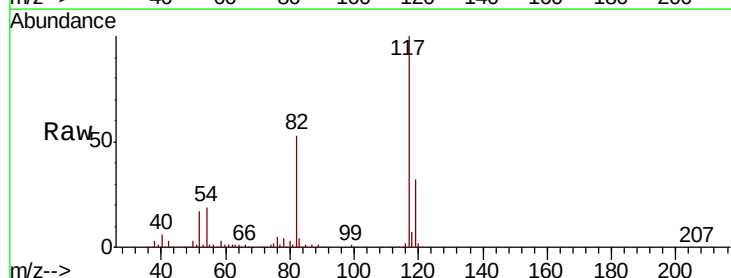
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

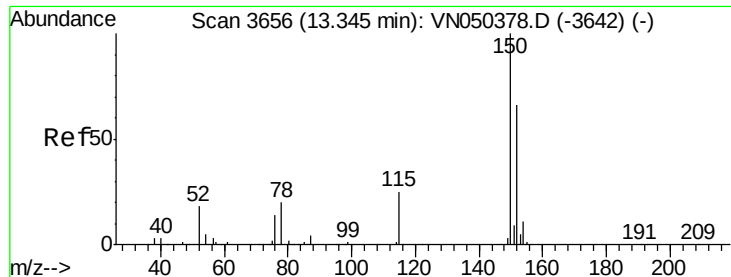
Tot Ion: 95 Resp: 402321
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050415.D
Acq: 7 Aug 2018 5:06

Tgt Ion: 117 Resp: 899146
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.0 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: VN050415.D

Acq: 7 Aug 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

SOIL-1

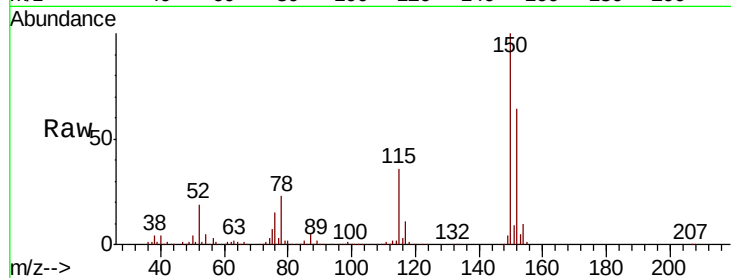
Tot Ion:152 Resp: 346588

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

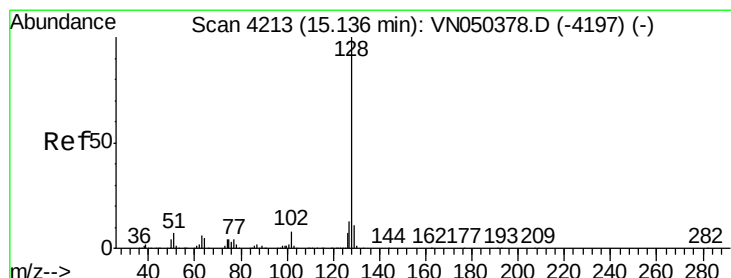
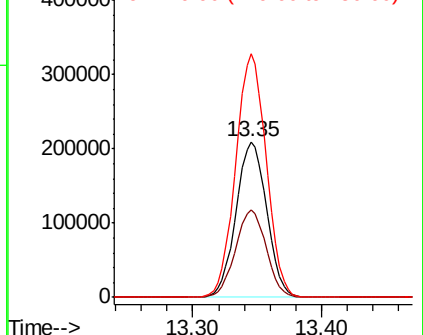
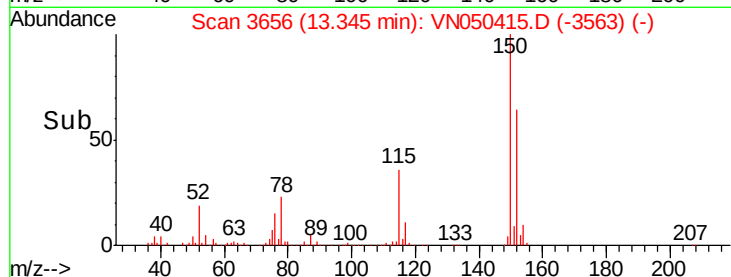
150 156.0 0.0 348.6



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: 4.14 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050415.D

Acq: 7 Aug 2018 5:06

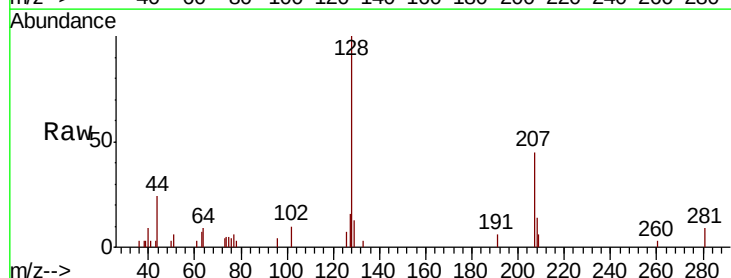
Tgt Ion:128 Resp: 9352

Ion Ratio Lower Upper

128 100

127 16.5 10.4 15.6#

129 12.4 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

