

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050412.D
 Acq On : 7 Aug 2018 3:52
 Operator : MD\SY
 Sample : J4333-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-4

Quant Time: Aug 07 07:15:10 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	645420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	925076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374850	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	450102	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	7.60	113	409233	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	1457772	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	421677	38.78	ug/l	0.00
Spiked Amount			Recovery	=	77.56%	

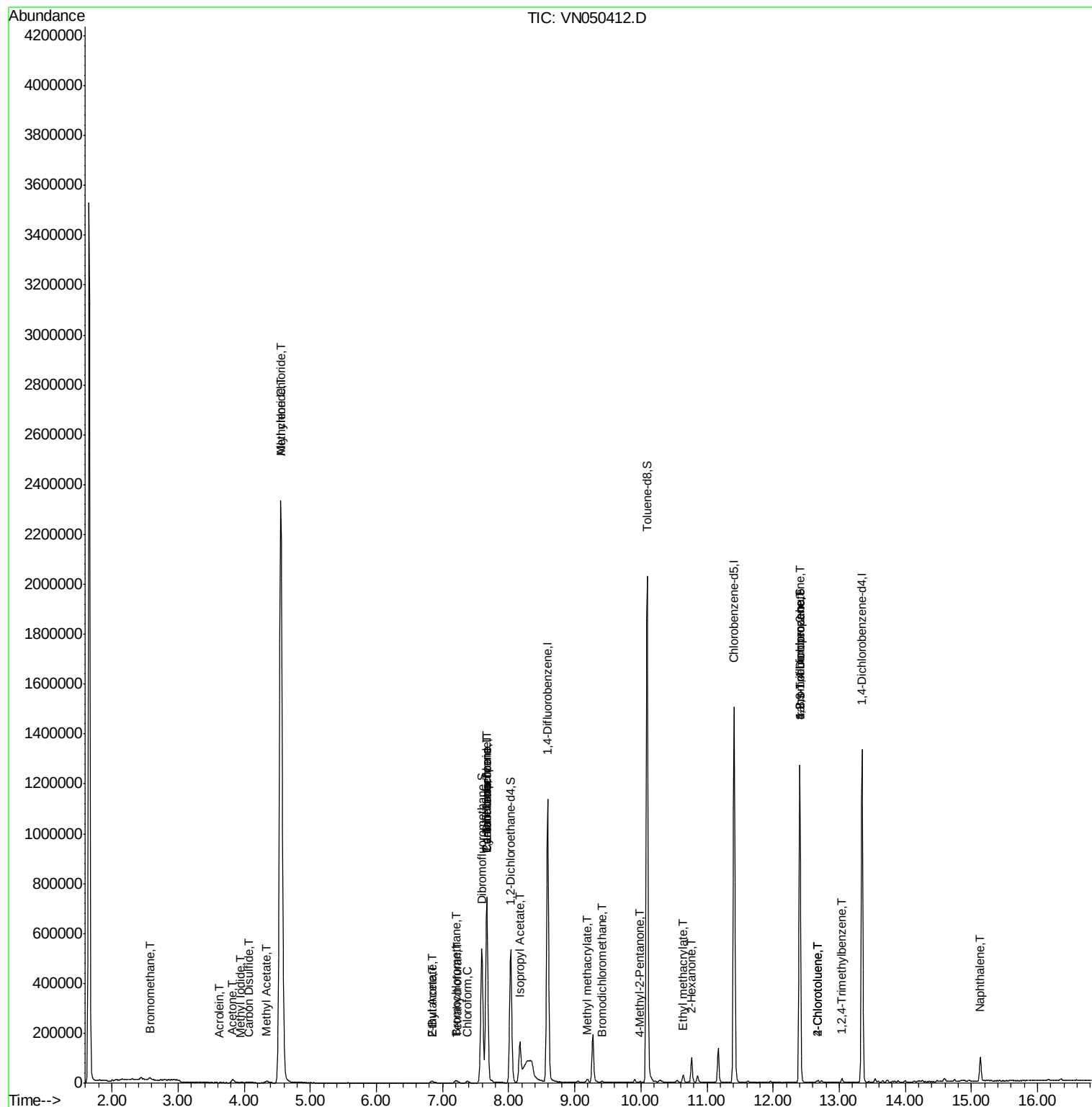
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3538	Below Cal		96
5) Bromomethane	2.57	94	4834	1.24	ug/l #	79
10) Methyl Iodide	3.94	142	718	0.22	ug/l #	66
13) Acrolein	3.62	56	175	15.21	ug/l #	15
14) Allyl chloride	4.55	41	65204	5.82	ug/l #	24
16) Acetone	3.83	43	23842	8.92	ug/l	99
17) Carbon Disulfide	4.05	76	6089	0.27	ug/l	97
18) Methyl Acetate	4.34	43	14619	2.00	ug/l	95
20) Methylene Chloride	4.55	84	1847032	240.76	ug/l	99
25) 2-Butanone	6.85	43	4393	1.03	ug/l	90
28) Bromochloromethane	7.19	49	2450	0.38	ug/l #	1
29) Tetrahydrofuran	7.23	42	1051	0.46	ug/l #	64
30) Chloroform	7.37	83	6423	0.46	ug/l	97
31) Cyclohexane	7.67	56	12357	0.37	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44486	3.83	ug/l #	48
37) Ethyl Acetate	6.85	43	4393	0.53	ug/l #	67
38) Carbon Tetrachloride	7.67	117	57833	4.77	ug/l #	16
43) Isopropyl Acetate	8.17	43	202937	14.05	ug/l	98
47) Bromodichloromethane	9.41	83	2460	0.20	ug/l #	92
48) Methyl methacrylate	9.18	41	7590	1.05	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	2600	0.25	ug/l	92
56) Ethyl methacrylate	10.64	69	440	1.75	ug/l #	1
59) 2-Hexanone	10.77	43	14147	1.95	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	203843	30.04	ug/l #	100
79) 2-Chlorotoluene	12.67	91	4064	0.21	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	203843	105.56	ug/l #	13
82) 4-Chlorotoluene	12.67	91	4064	0.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	8688	0.38	ug/l	98
95) Naphthalene	15.13	128	83819	7.90	ug/l	99

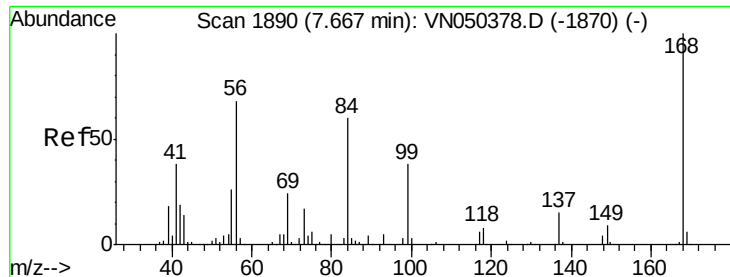
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

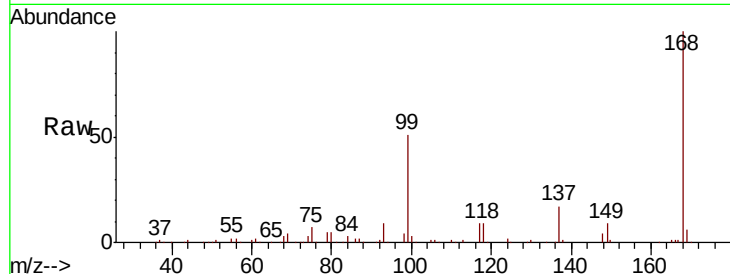
SOIL-4

Tot Ion:168 Resp: 645420

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

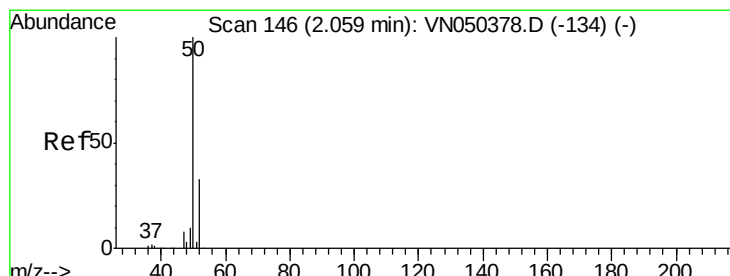
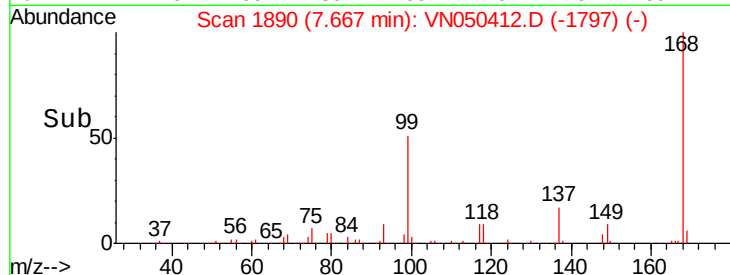
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050412.D

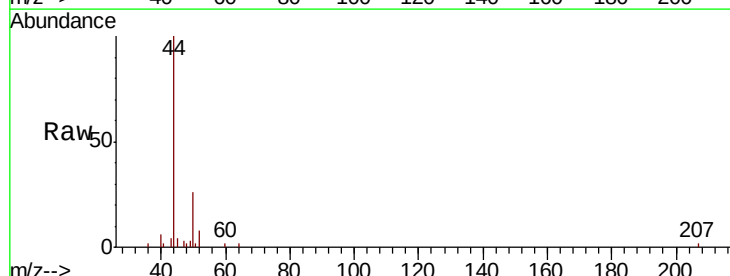
Acq: 7 Aug 2018 3:52

Tgt Ion: 50 Resp: 3538

Ion Ratio Lower Upper

50 100

52 30.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2500

2000

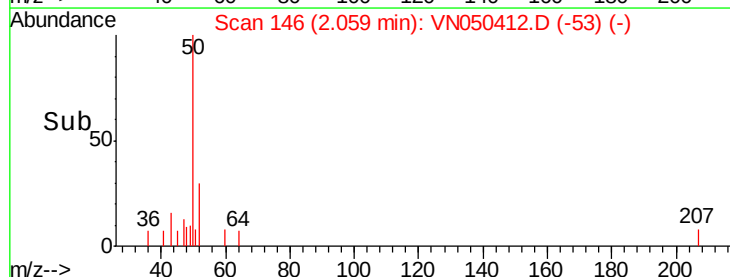
1500

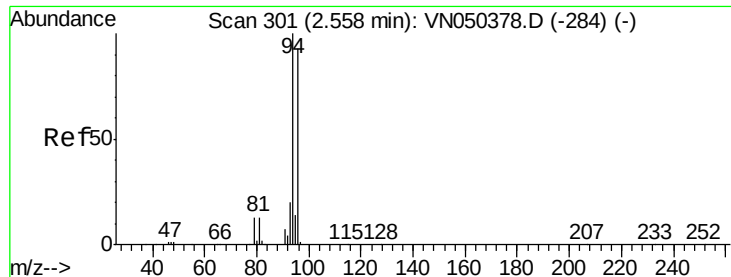
1000

500

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 1.24 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

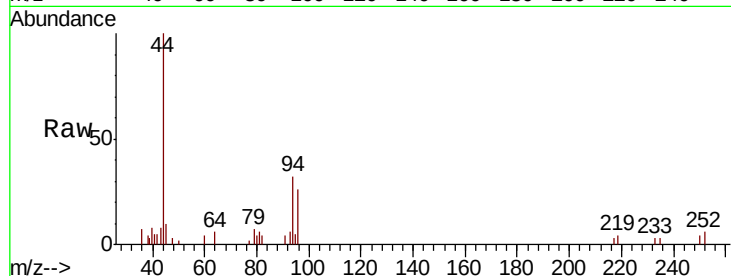
SOIL-4

Tot Ion: 94 Resp: 4834

Ion Ratio Lower Upper

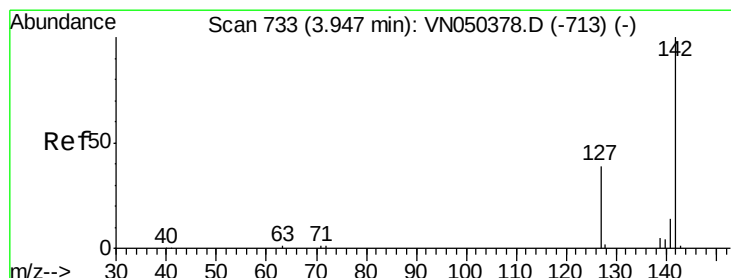
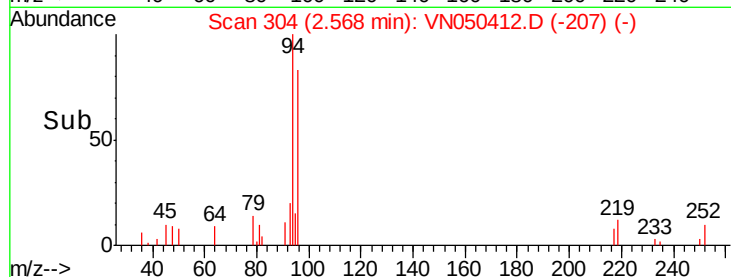
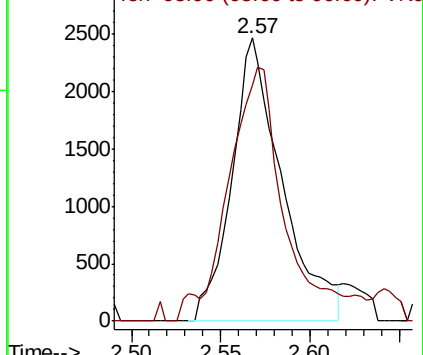
94 100

96 73.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.22 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

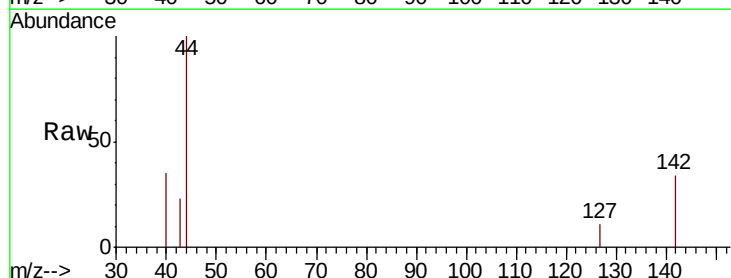
Tgt Ion: 142 Resp: 718

Ion Ratio Lower Upper

142 100

127 63.1 33.4 50.2#

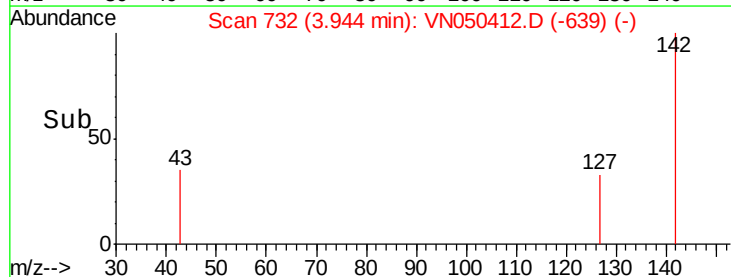
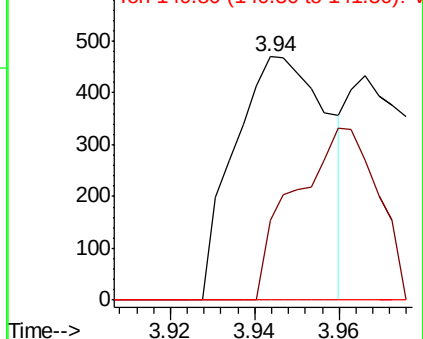
141 0.0 11.6 17.4#

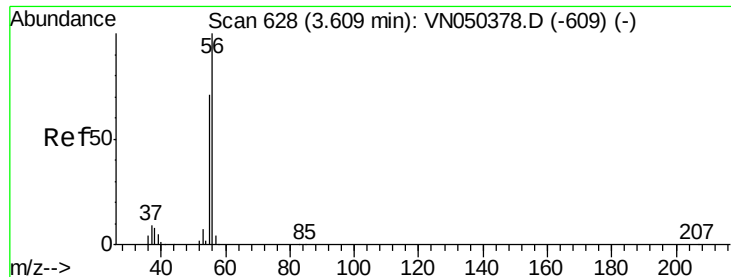


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 15.21 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

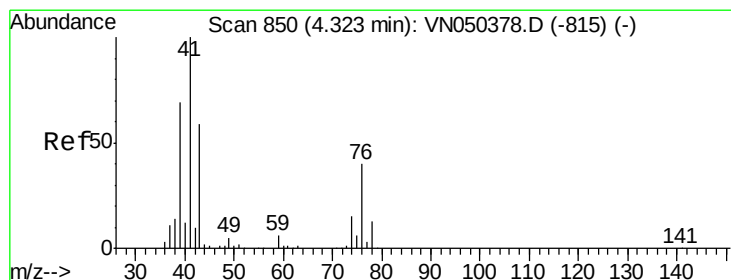
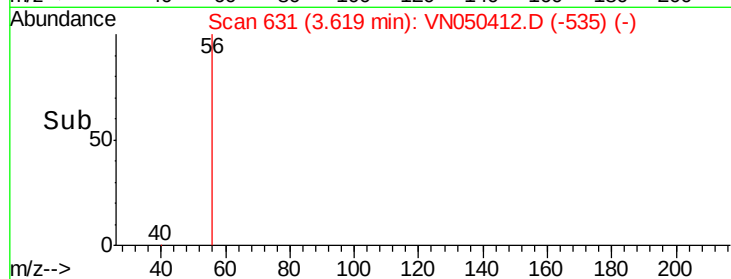
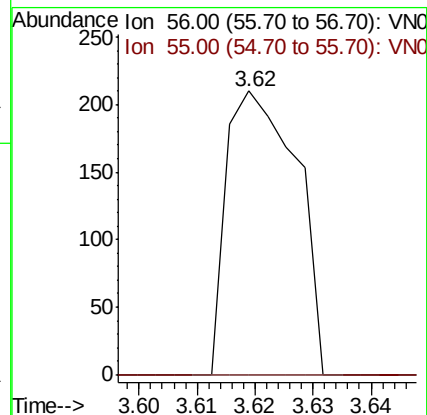
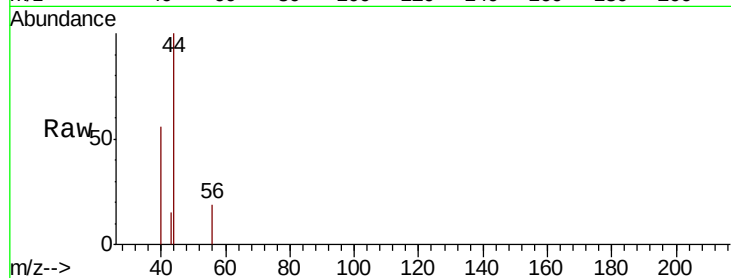
SOIL-4

Tot Ion: 56 Resp: 175

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#14

Allyl chloride

Concen: 5.82 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

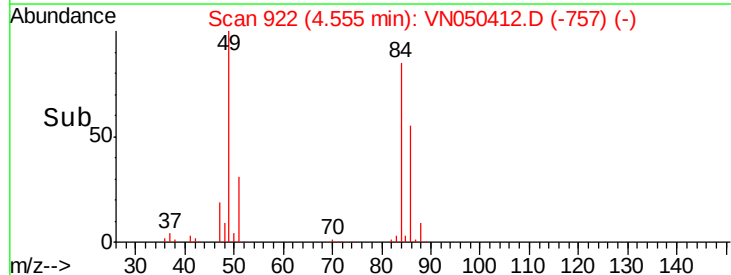
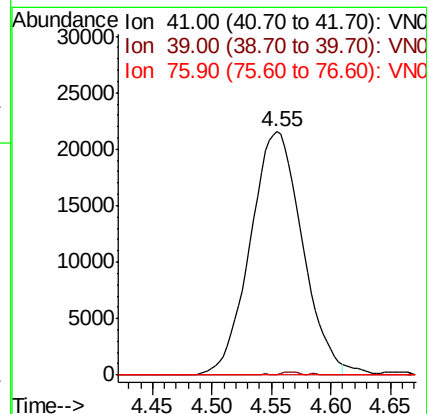
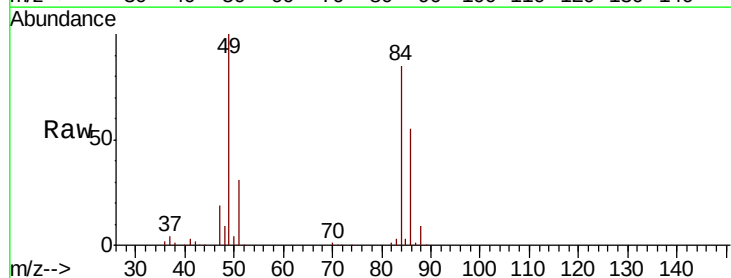
Tgt Ion: 41 Resp: 65204

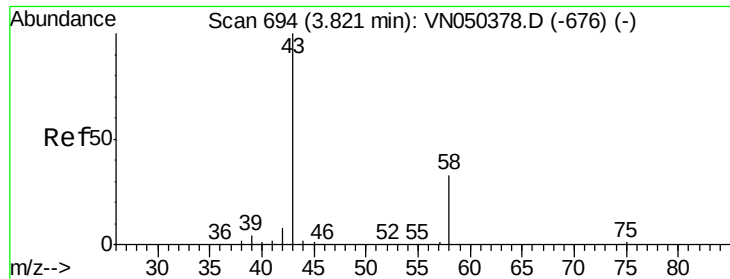
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 29.0 43.6#





#16

Acetone

Concen: 8.92 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

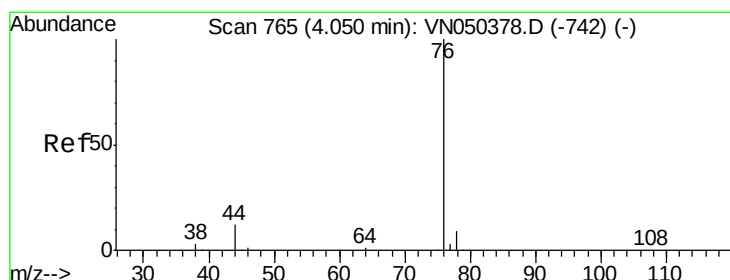
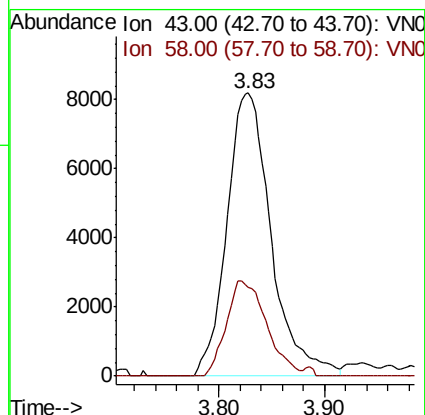
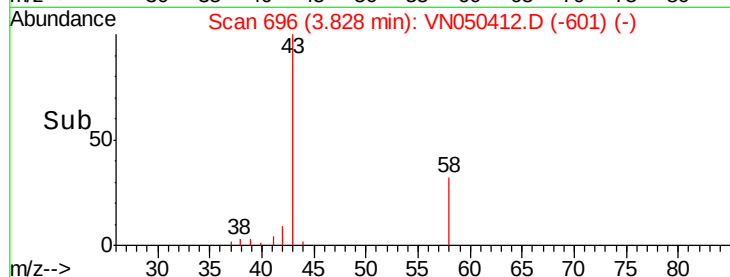
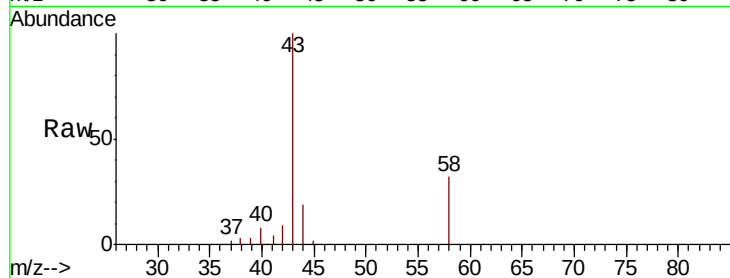
SOIL-4

Tot Ion: 43 Resp: 23842

Ion Ratio Lower Upper

43 100

58 31.6 25.8 38.8



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050412.D

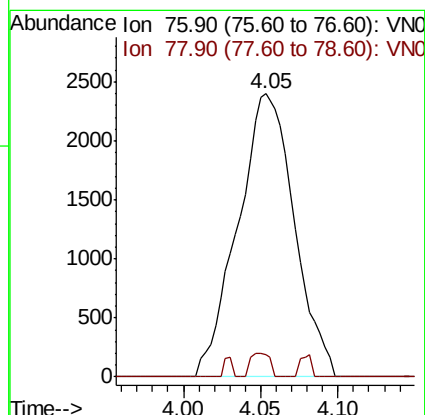
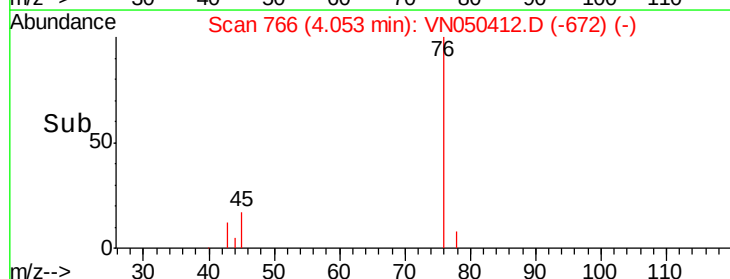
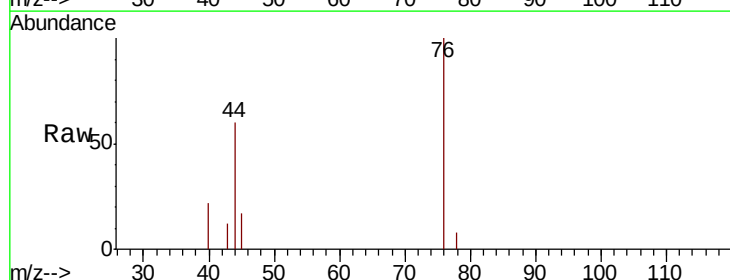
Acq: 7 Aug 2018 3:52

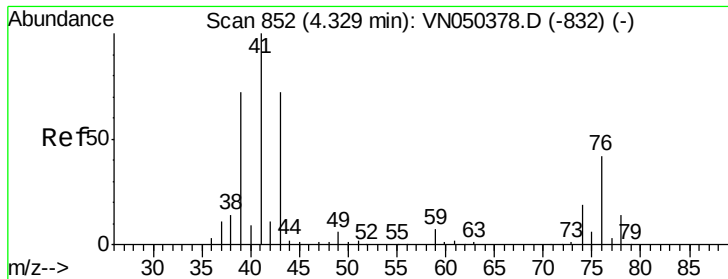
Tgt Ion: 76 Resp: 6089

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9

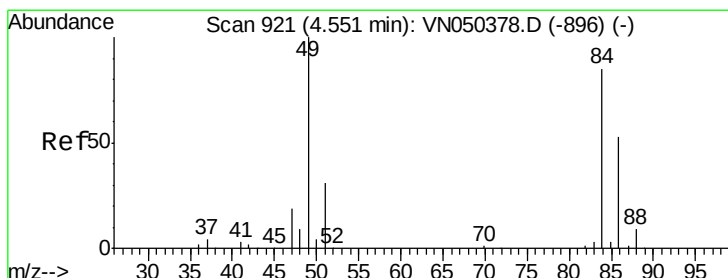
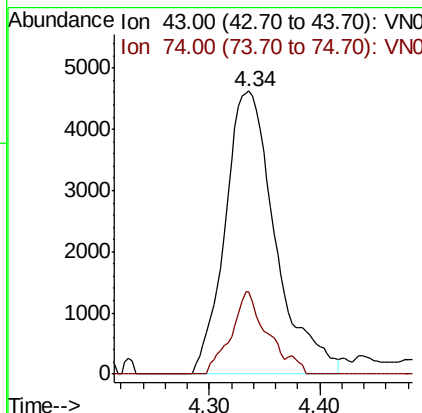
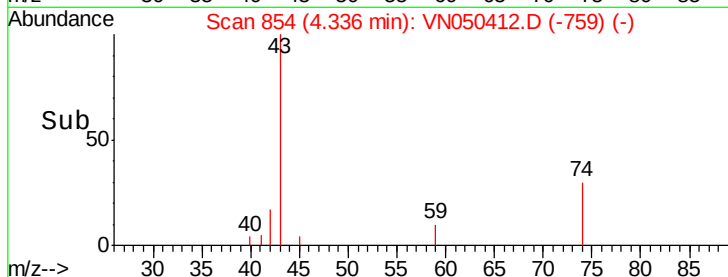
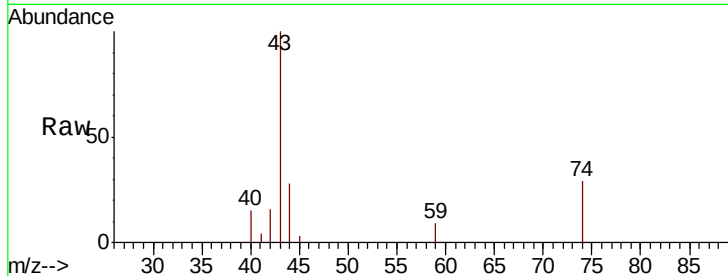




#18
Methvl Acetate
Concen: 2.00 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

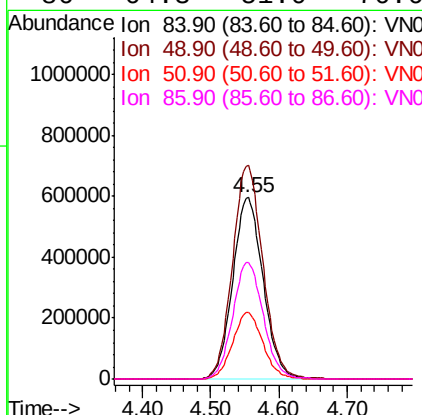
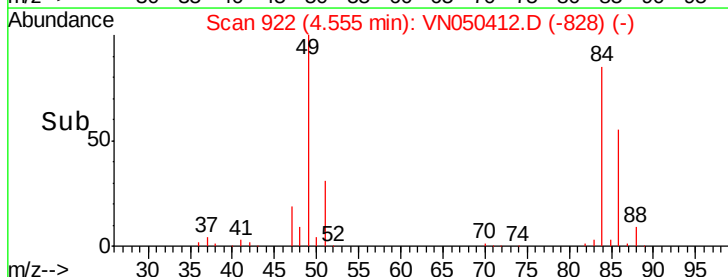
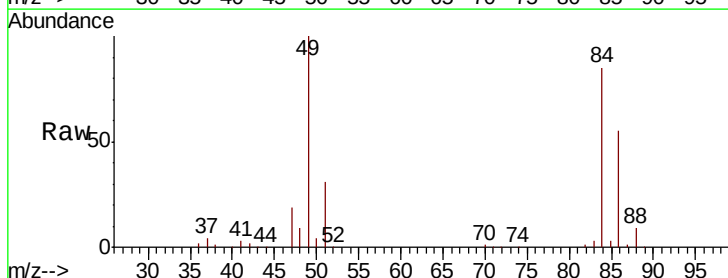
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

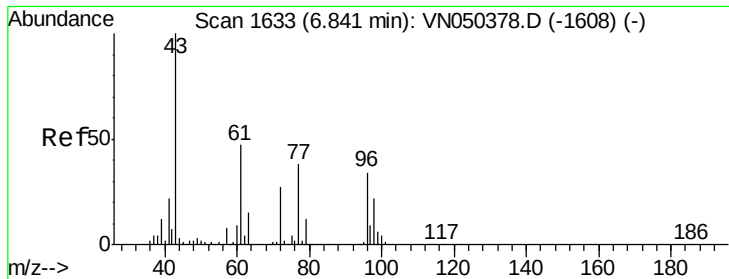
Tot Ion: 43 Resp: 14619
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8



#20
Methylene Chloride
Concen: 240.76 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 84 Resp: 1847032
Ion Ratio Lower Upper
84 100
49 117.7 94.8 142.2
51 36.5 28.3 42.5
86 64.3 51.0 76.6

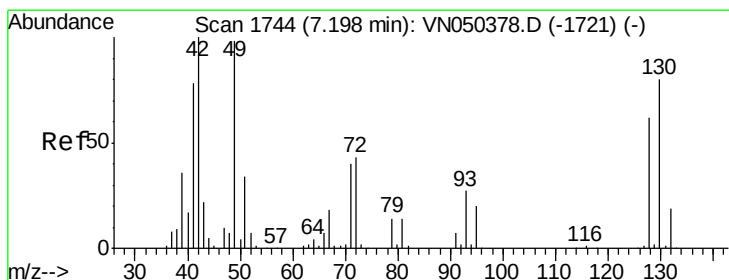
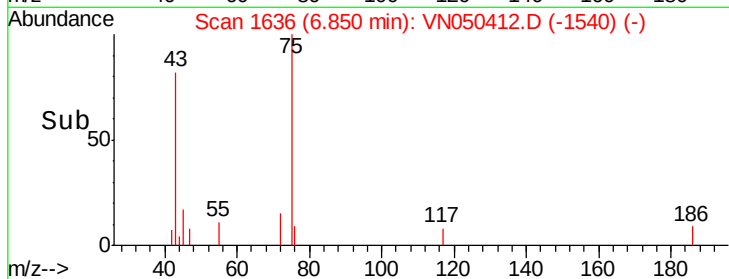
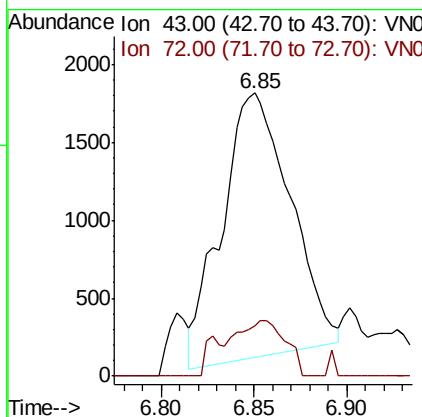
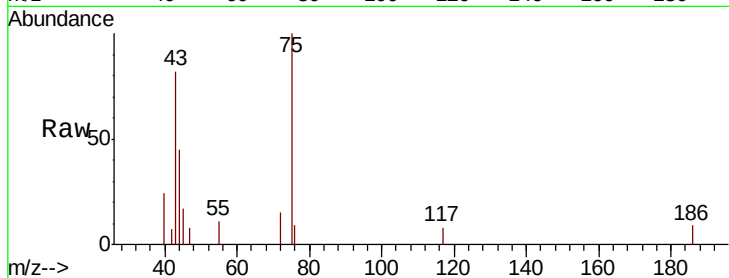




#25
2-Butanone
Concen: 1.03 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

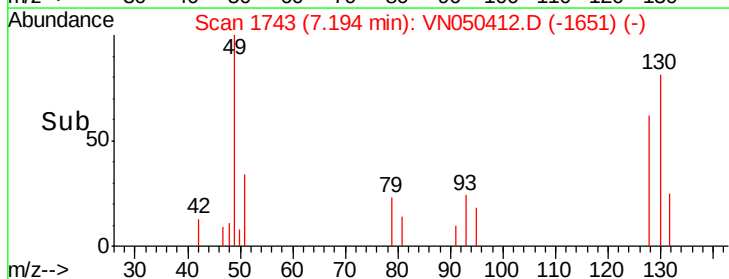
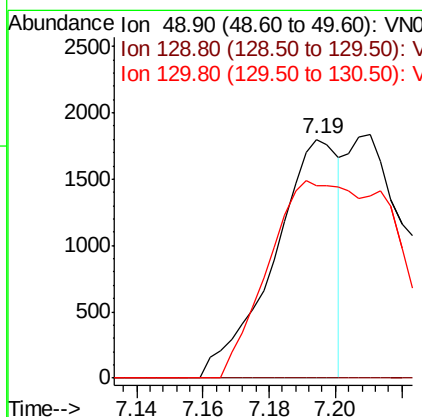
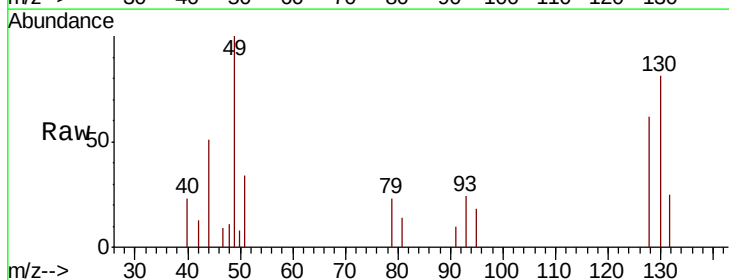
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

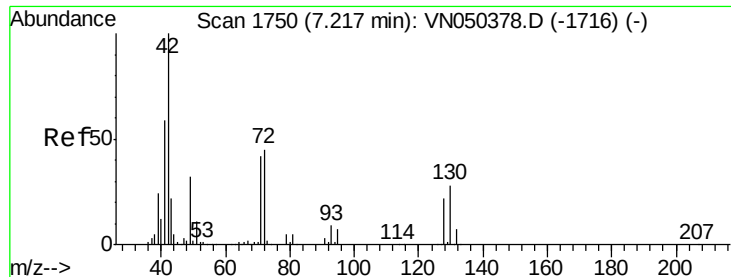
Tot Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
72 21.8 21.5 32.3



#28
Bromochloromethane
Concen: 0.38 ug/l
RT: 7.19 min Scan# 1743
Delta R.T. -0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 49 Resp: 2450
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 173.7 66.3 99.5#

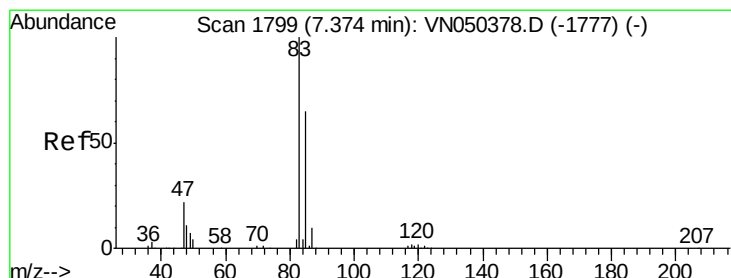
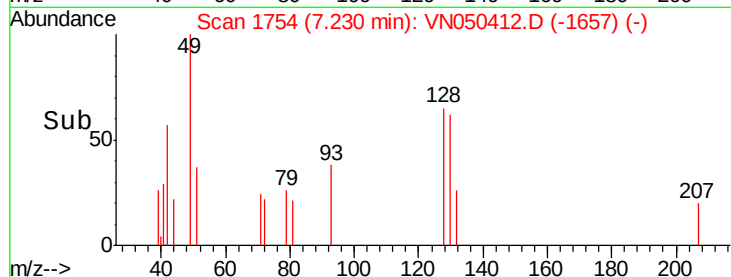
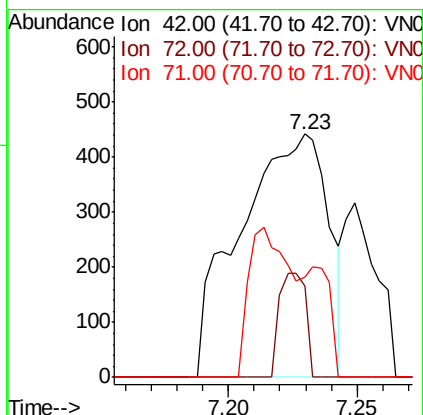
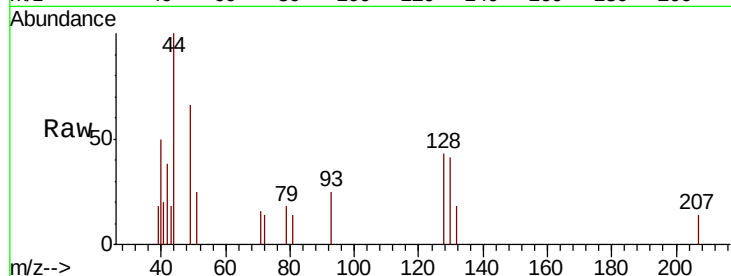




#29
Tetrahydrofuran
Concen: 0.46 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

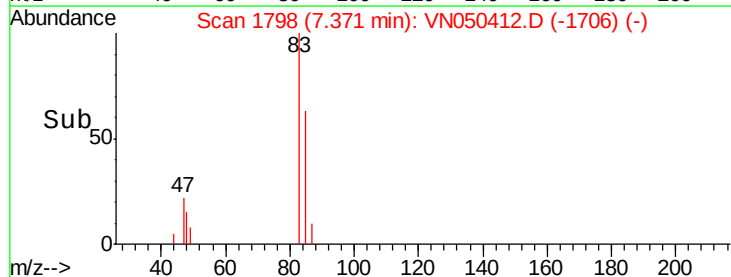
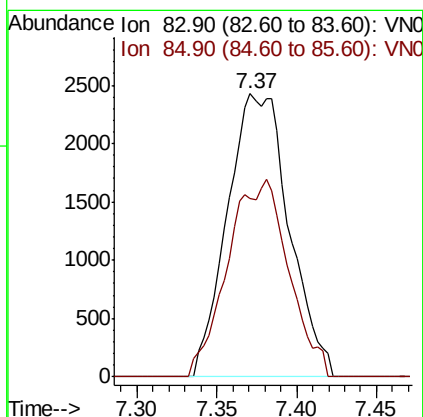
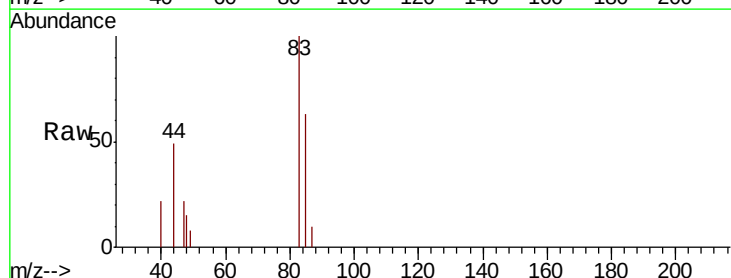
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

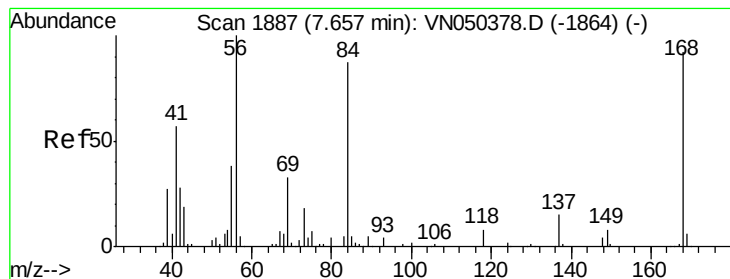
Tot Ion: 42 Resp: 1051
Ion Ratio Lower Upper
42 100
72 12.8 35.9 53.9#
71 28.4 33.7 50.5#



#30
Chloroform
Concen: 0.46 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 83 Resp: 6423
Ion Ratio Lower Upper
83 100
85 63.0 52.5 78.7





#31

Cyclohexane

Concen: 0.37 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

SOIL-4

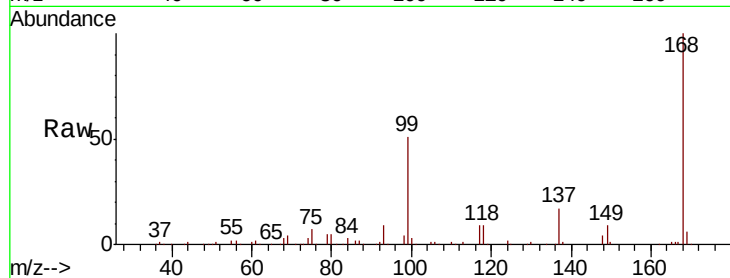
Tot Ion: 56 Resp: 12357

Ion Ratio Lower Upper

56 100

69 175.3 26.2 39.4#

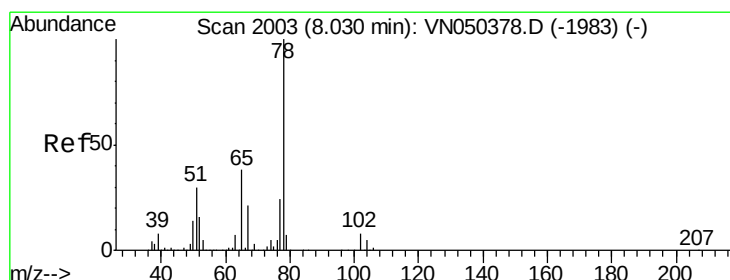
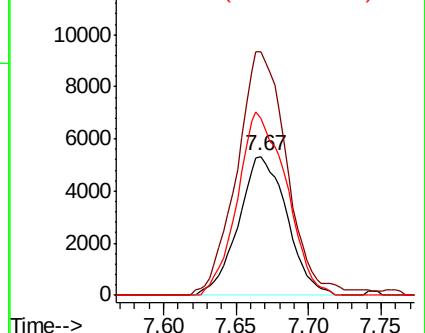
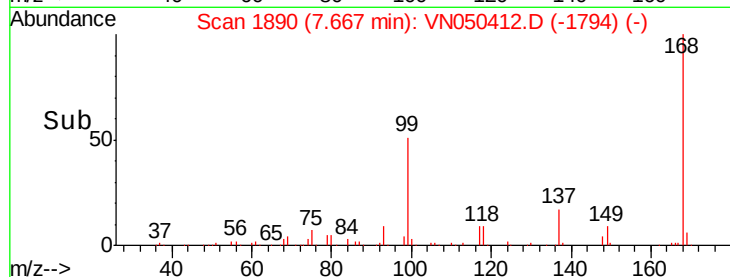
84 127.0 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.20 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050412.D

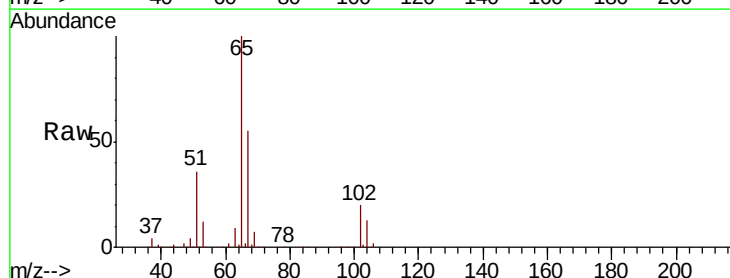
Acq: 7 Aug 2018 3:52

Tgt Ion: 65 Resp: 450102

Ion Ratio Lower Upper

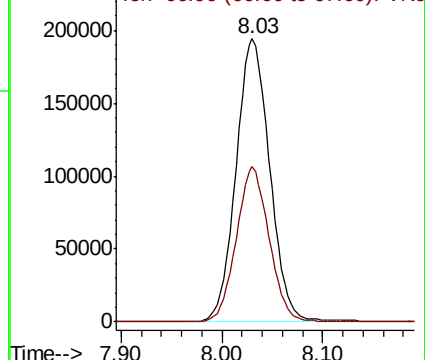
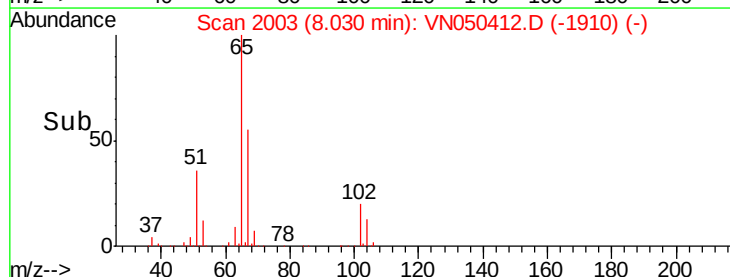
65 100

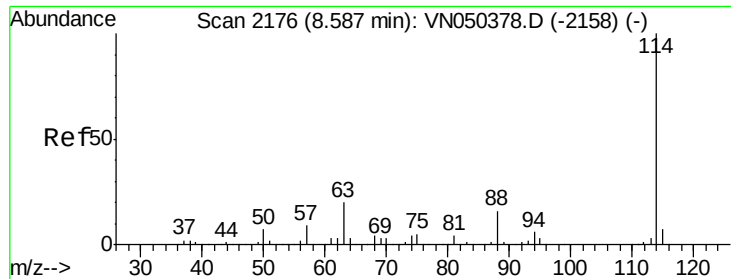
67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

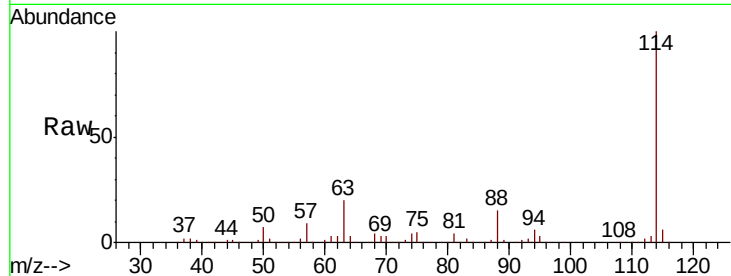




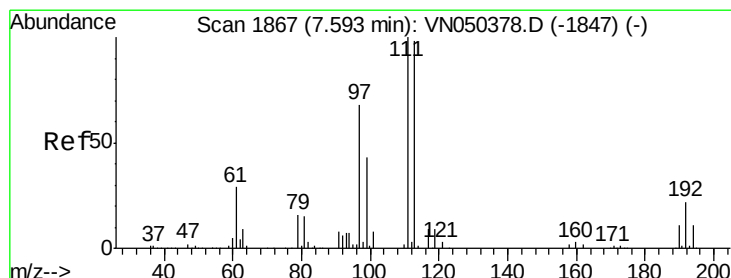
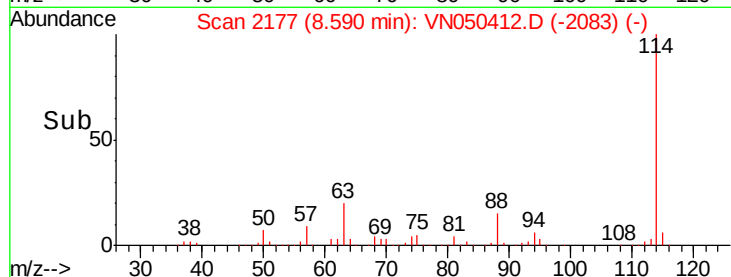
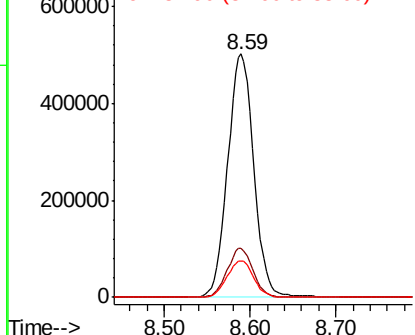
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-4

Tot Ion:114 Resp: 1057383
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.0 0.0 31.2

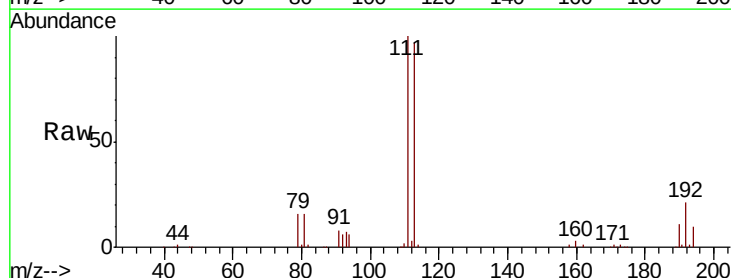


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

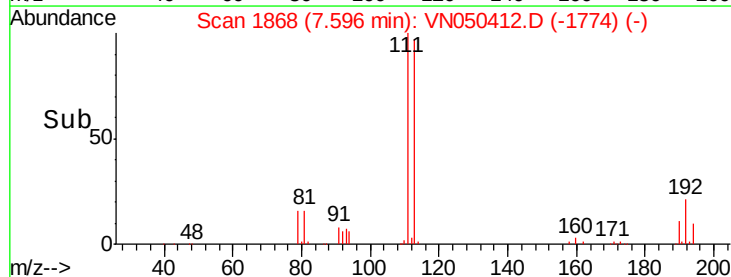
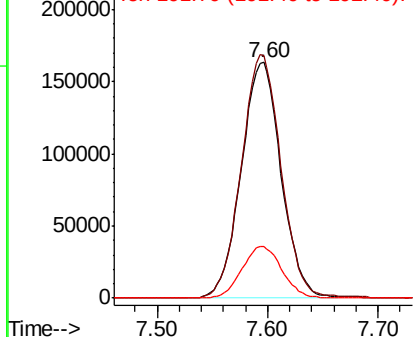


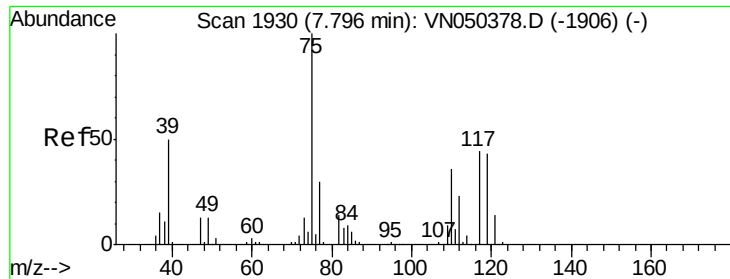
#35
 Dibromofluoromethane
 Concen: 48.23 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

Tgt Ion:113 Resp: 409233
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 22.1 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

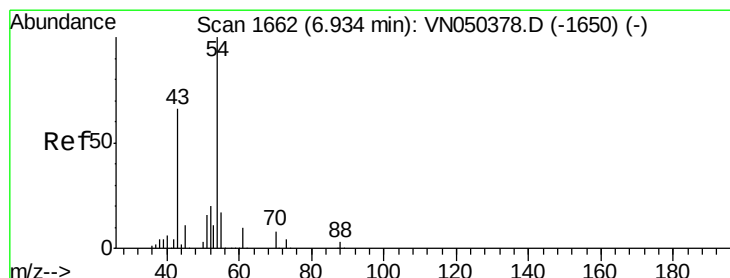
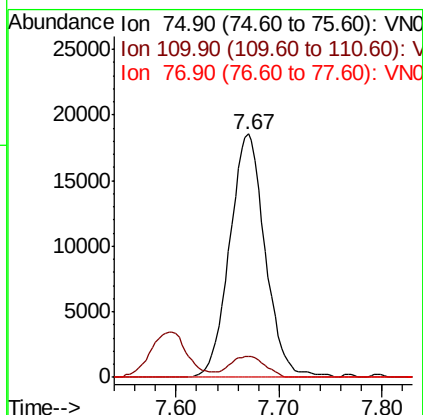
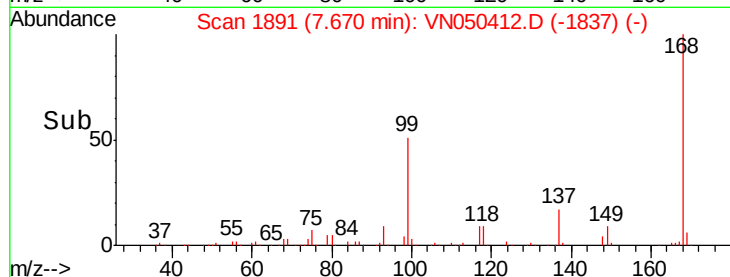
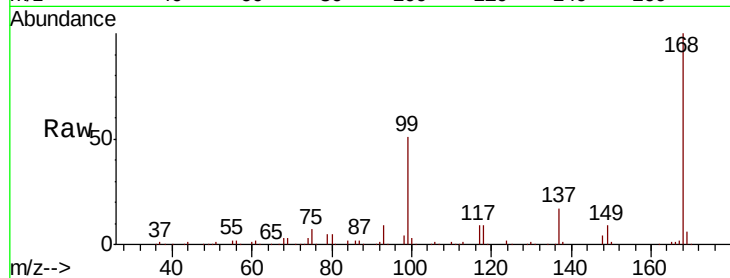




#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

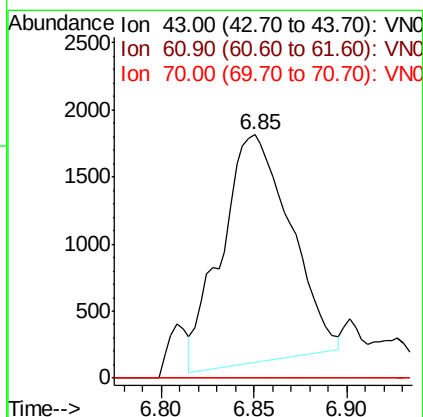
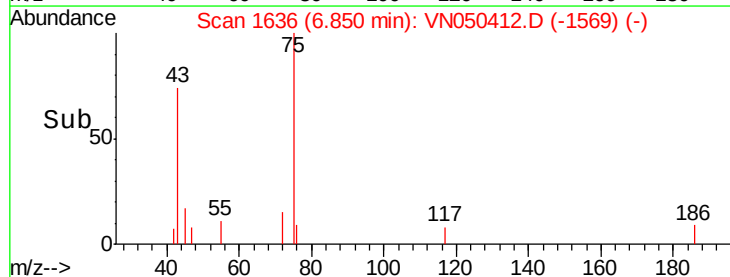
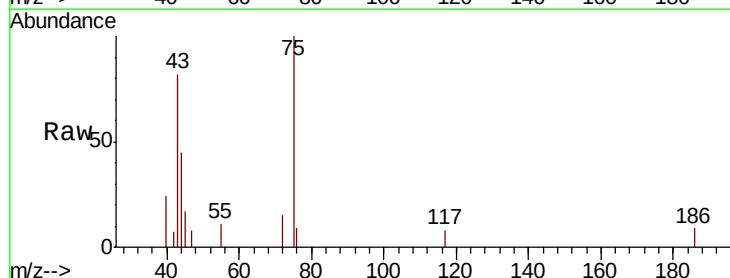
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-4

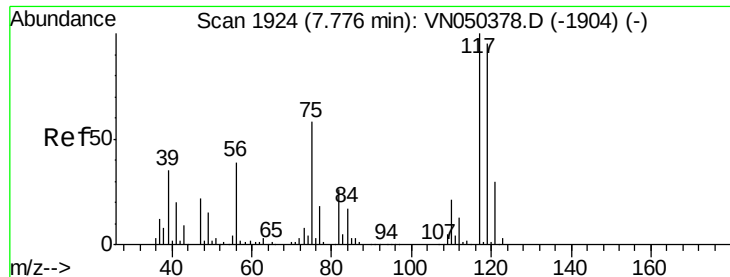
Tot Ion: 75 Resp: 44486
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 0.53 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 4393
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.0 8.4 12.6#

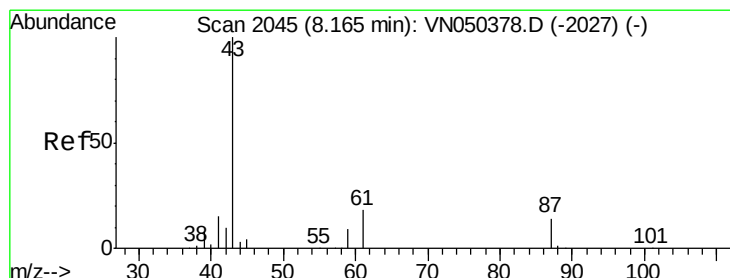
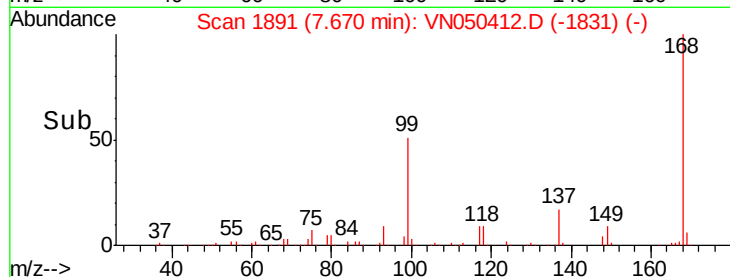
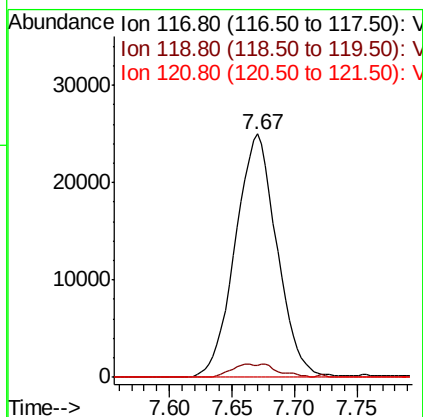
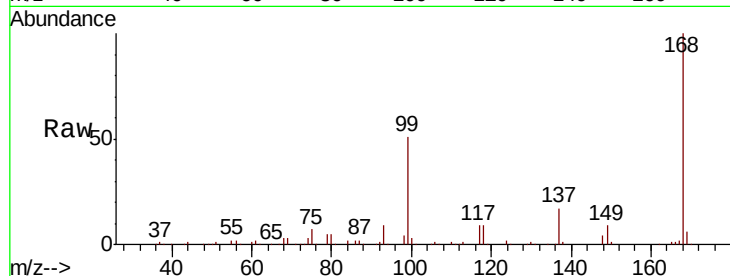




#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

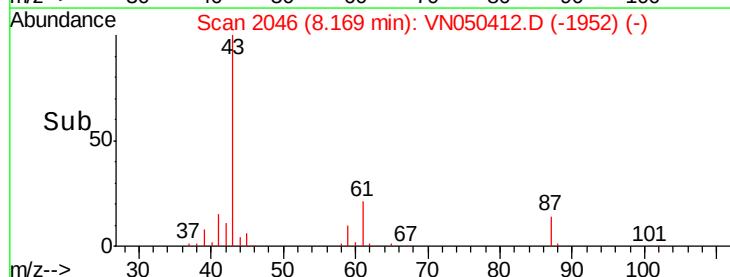
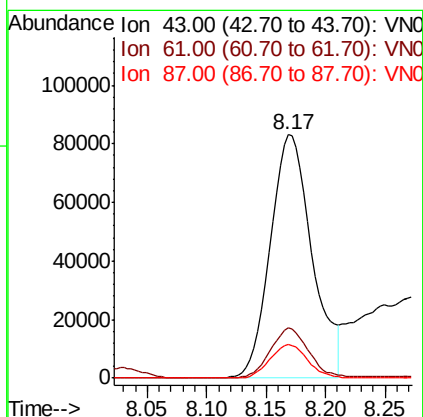
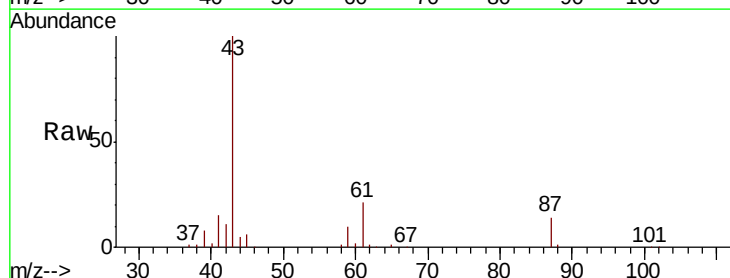
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

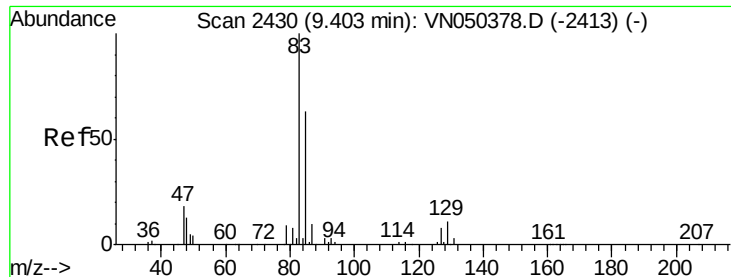
Tot Ion:117 Resp: 57833
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 14.05 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 202937
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.6
87 12.4 10.3 15.5

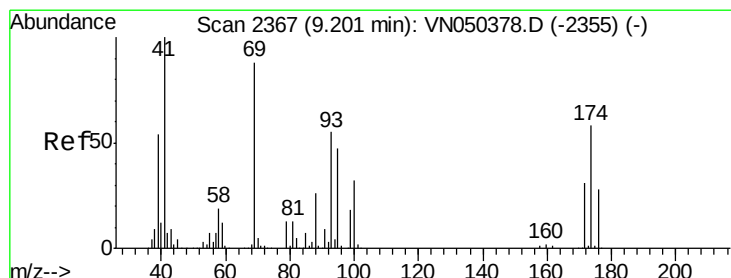
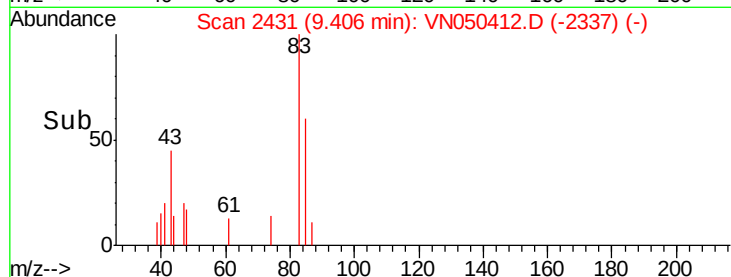
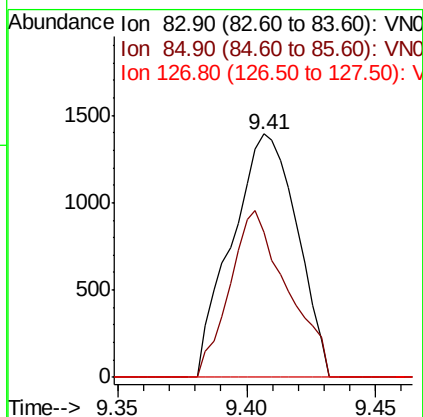
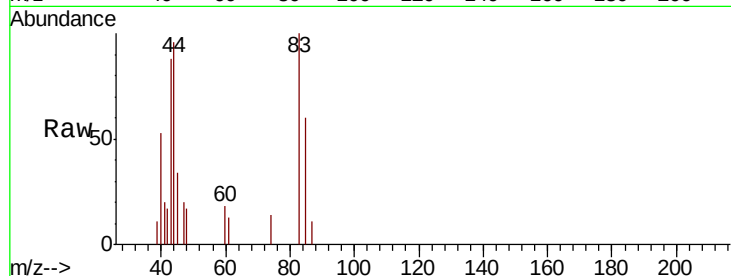




#47
Bromodichloromethane
Concen: 0.20 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

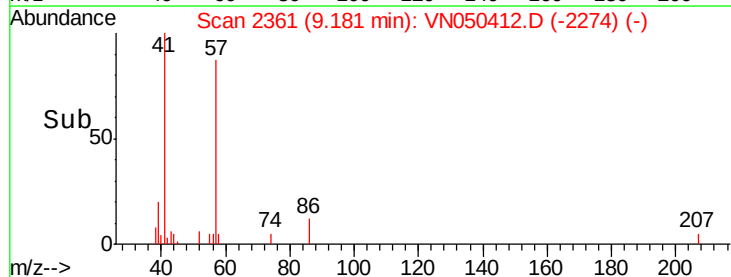
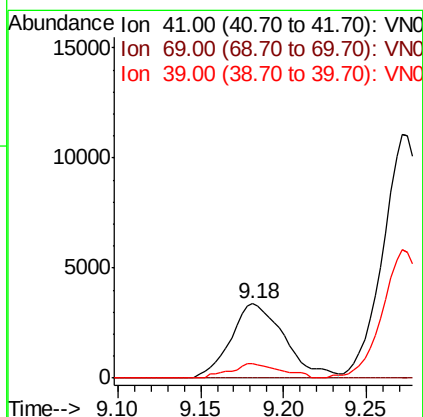
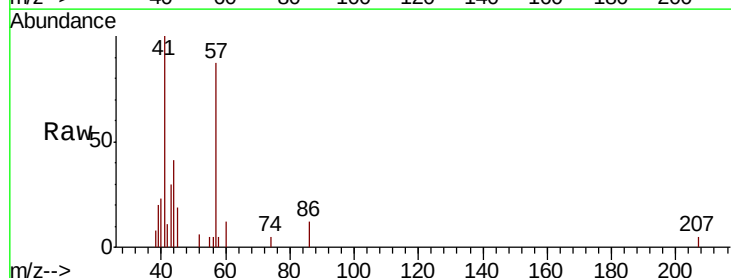
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

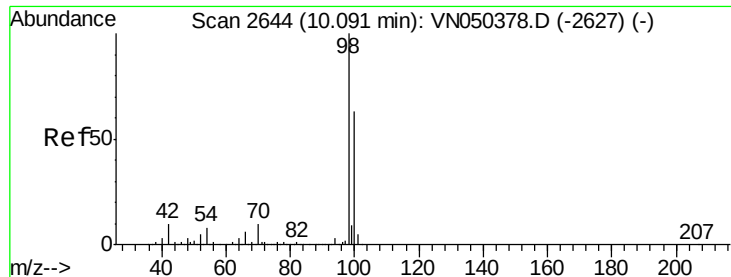
Tot Ion: 83 Resp: 2460
Ion Ratio Lower Upper
83 100
85 59.5 51.1 76.7
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 1.05 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 41 Resp: 7590
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 18.2 43.9 65.9#

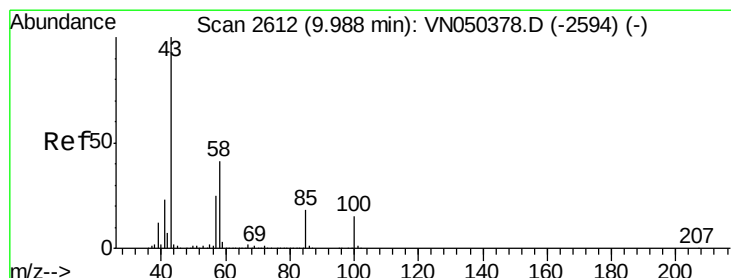
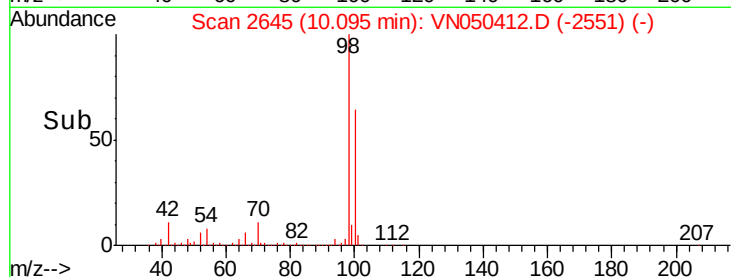
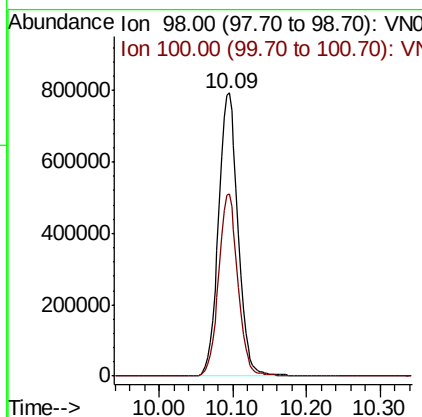
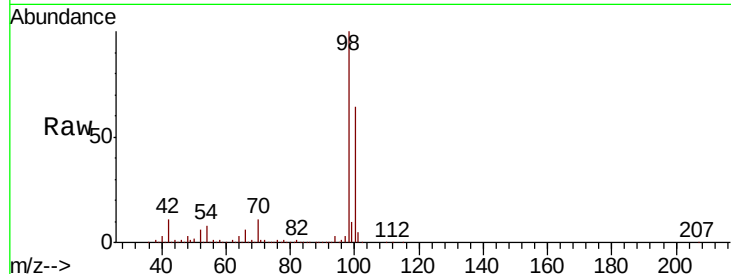




#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

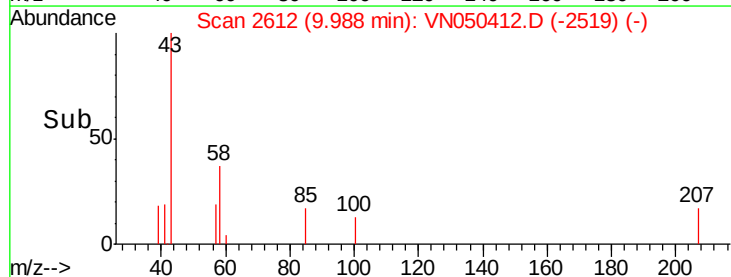
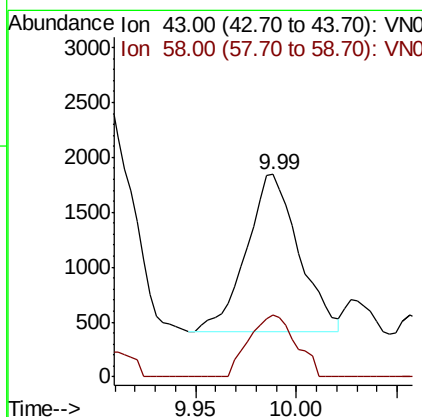
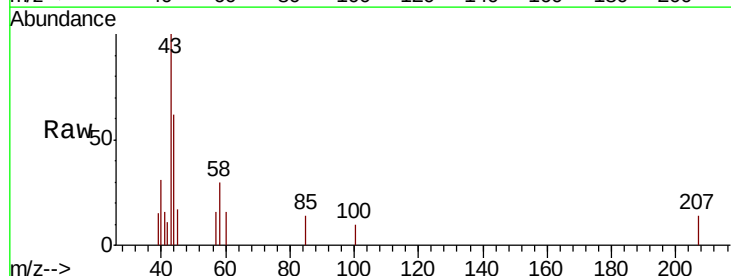
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

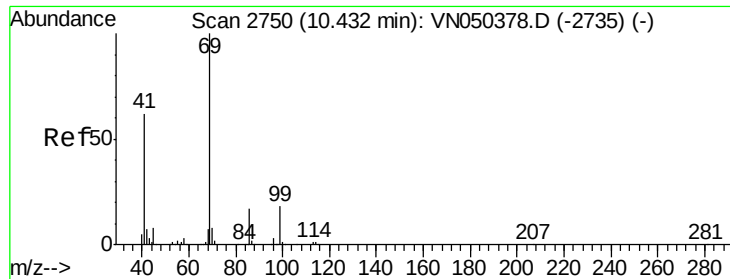
Tot Ion: 98 Resp: 1457772
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 35.0 31.9 47.9





#56

Ethyl methacrylate

Concen: 1.75 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. 0.21 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

SOIL-4

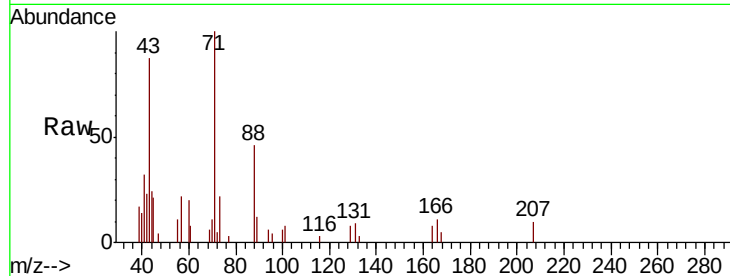
Tot Ion: 69 Resp: 440

Ion Ratio Lower Upper

69 100

41 876.6 51.0 76.4#

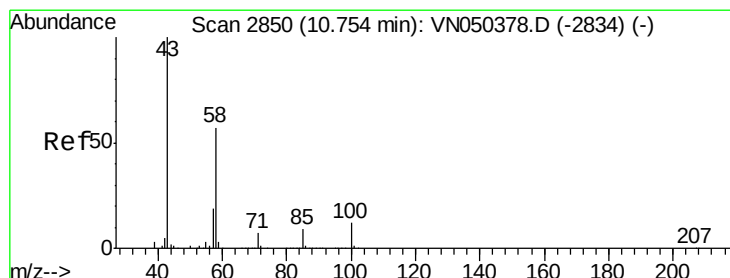
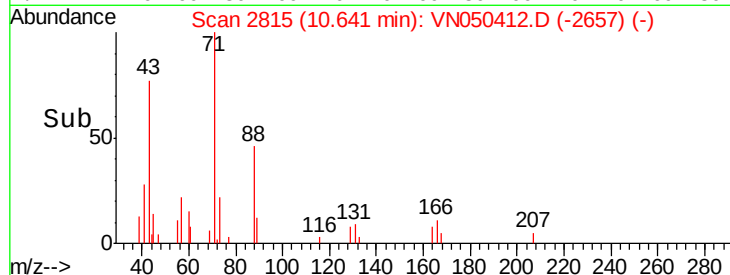
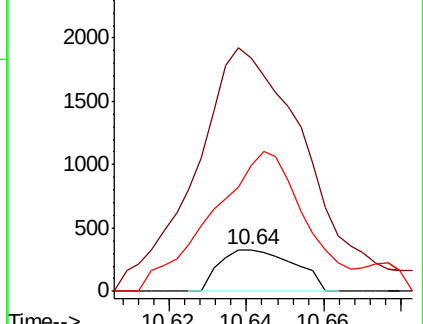
39 419.8 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 1.95 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050412.D

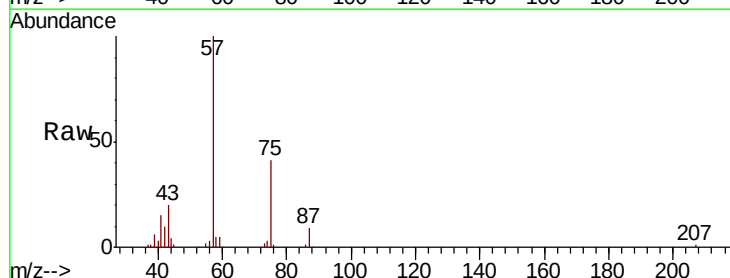
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 14147

Ion Ratio Lower Upper

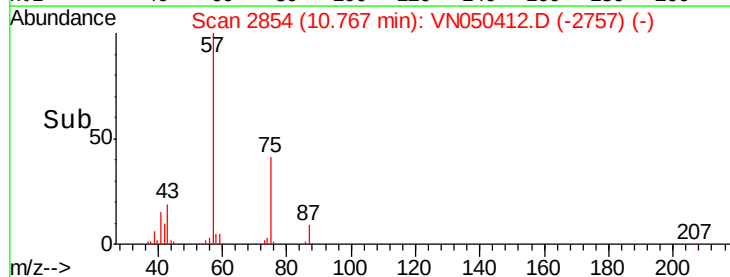
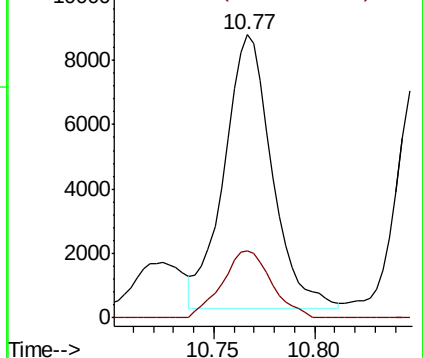
43 100

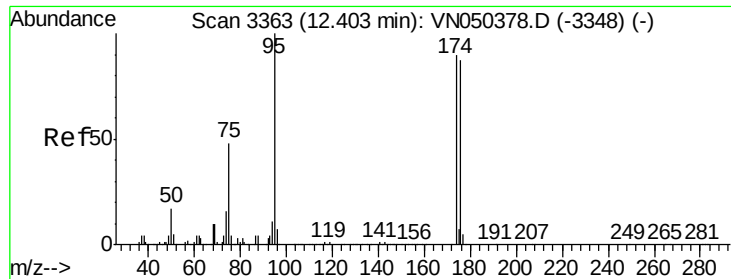
58 25.2 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

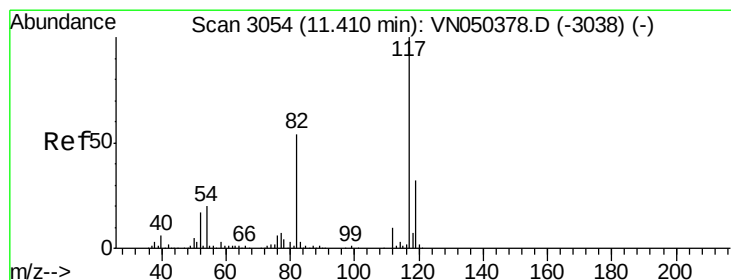
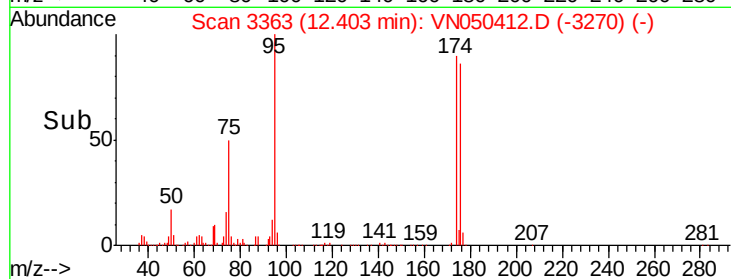
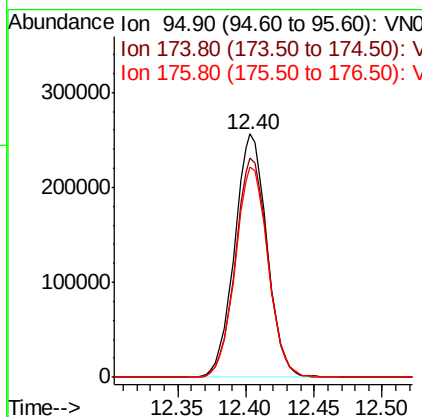
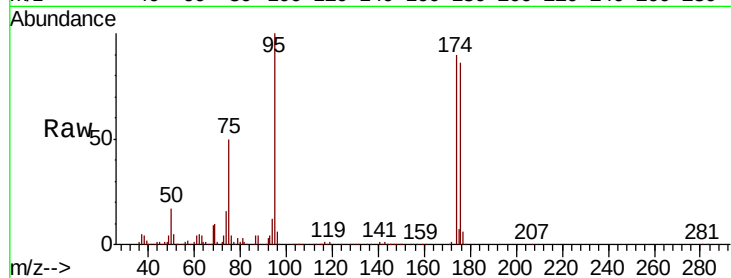




#62
4-Bromofluorobenzene
Concen: 38.78 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

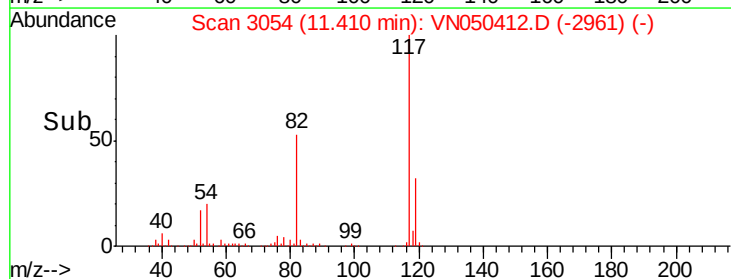
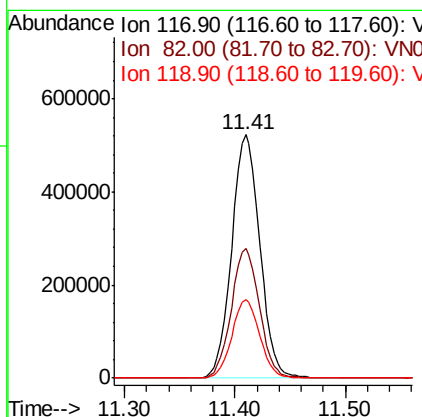
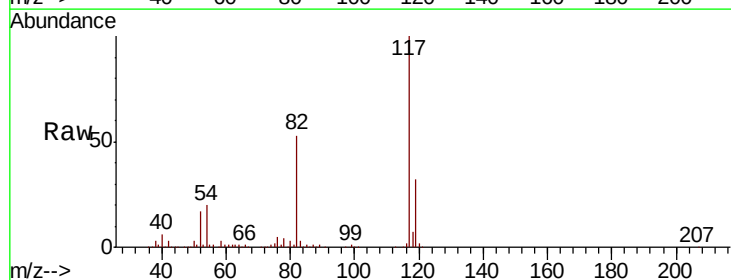
Instrument :
MSVOA_N
ClientSampleId :
SOIL-4

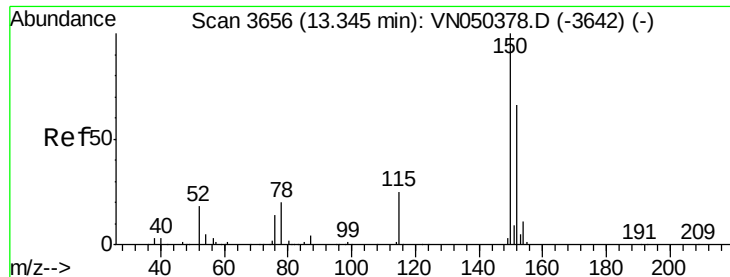
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	178.2
176	87.6	0.0	173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt 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: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

SOIL-4

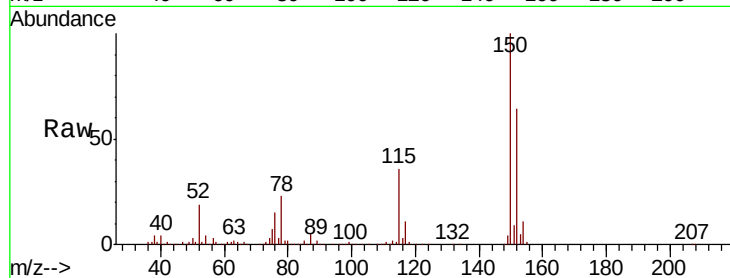
Tot Ion:152 Resp: 374850

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

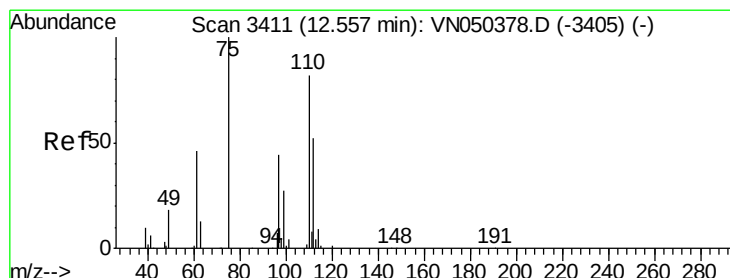
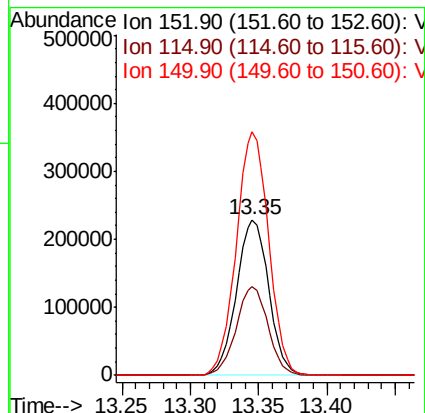
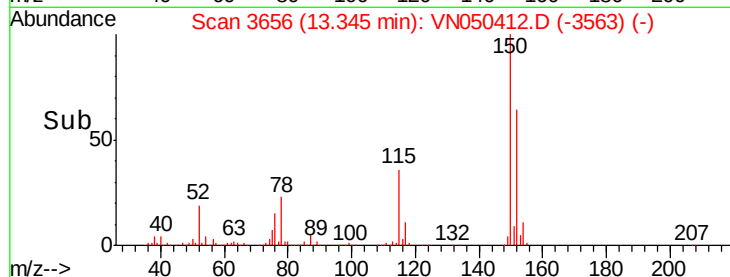
150 156.8 0.0 348.6



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



#76

1,2,3-Trichloropropane

Concen: 30.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050412.D

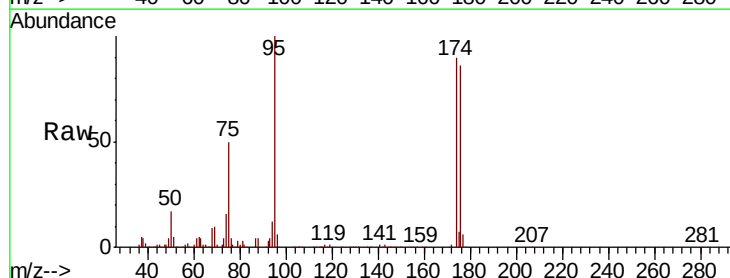
Acq: 7 Aug 2018 3:52

Tgt Ion: 75 Resp: 203843

Ion Ratio Lower Upper

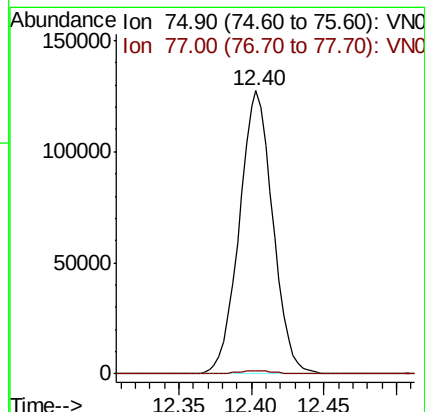
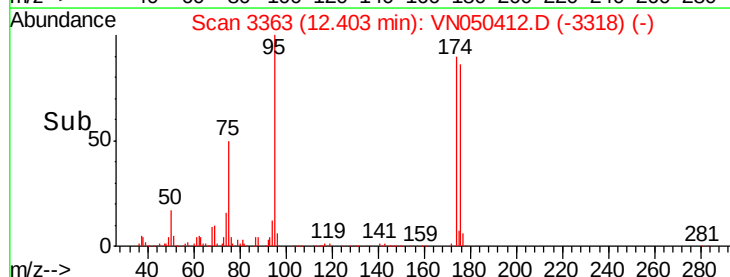
75 100

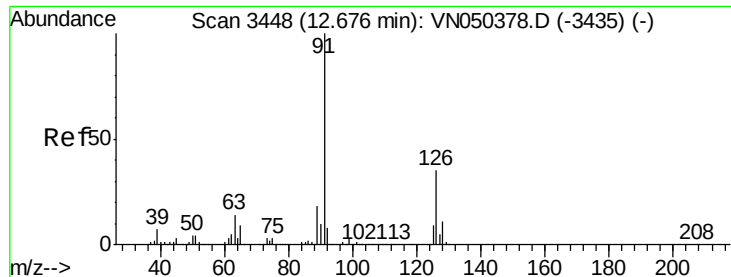
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: 0.21 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampled :

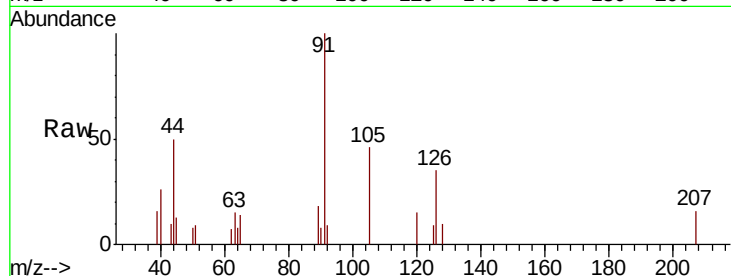
SOIL-4

Tot Ion: 91 Resp: 4064

Ion Ratio Lower Upper

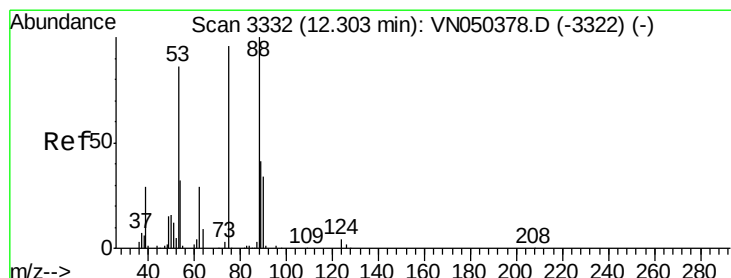
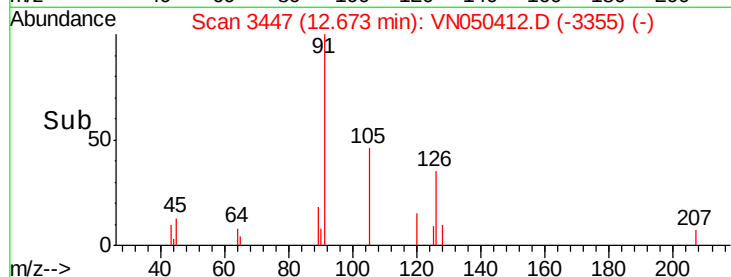
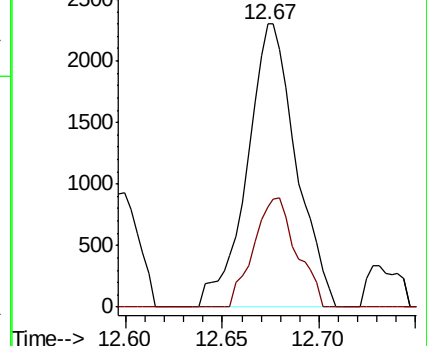
91 100

126 33.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 105.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

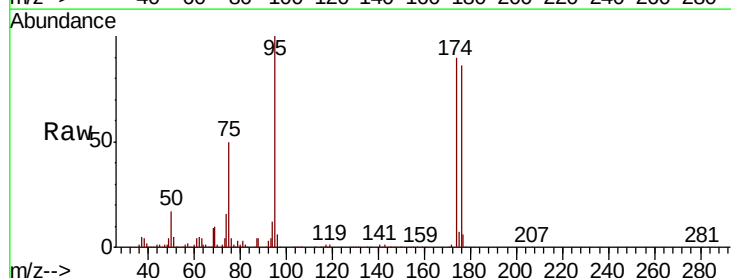
Tgt Ion: 75 Resp: 203843

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

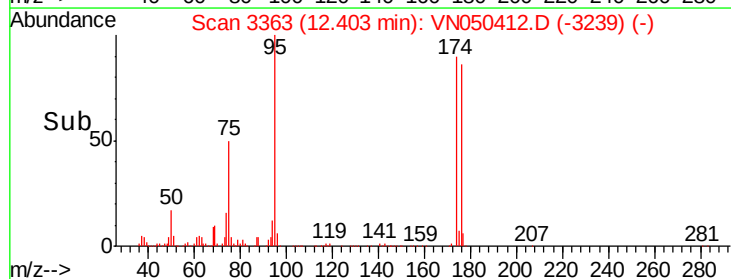
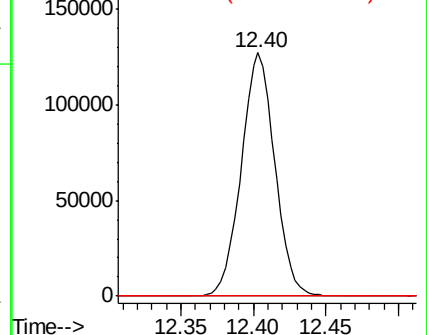
89 0.0 36.0 54.0#

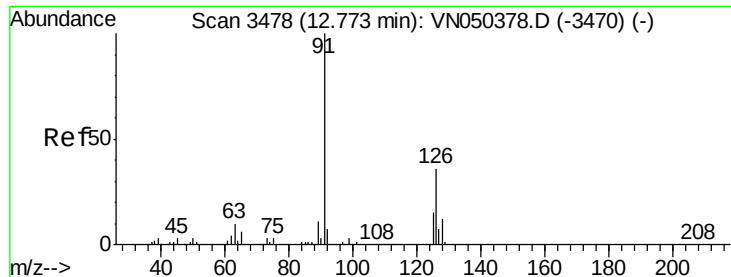


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 0.21 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.10 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

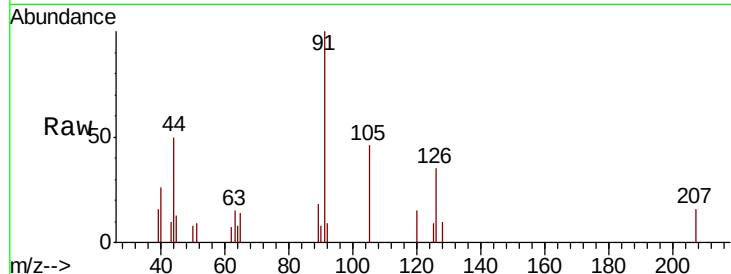
SOIL-4

Tot Ion: 91 Resp: 4064

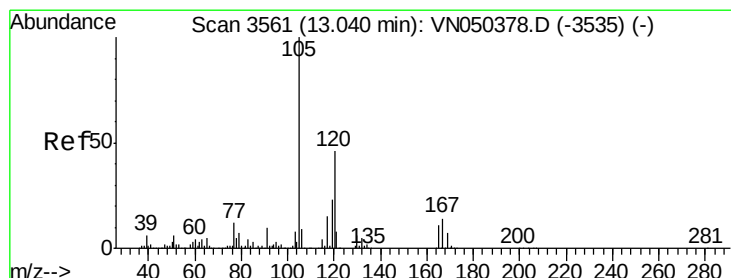
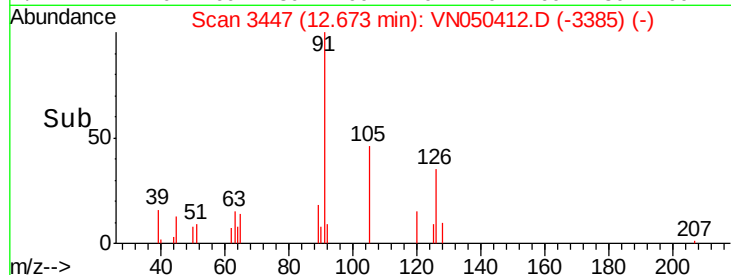
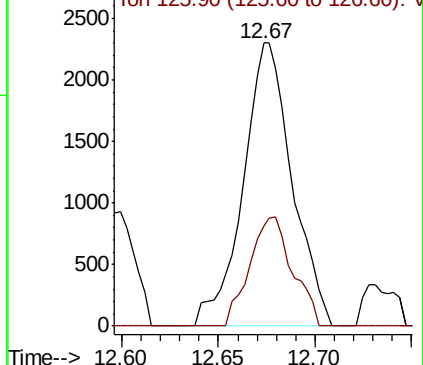
Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3470) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.38 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050412.D

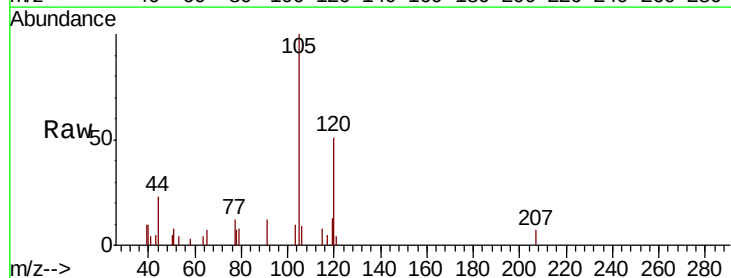
Acq: 7 Aug 2018 3:52

Tgt Ion: 105 Resp: 8688

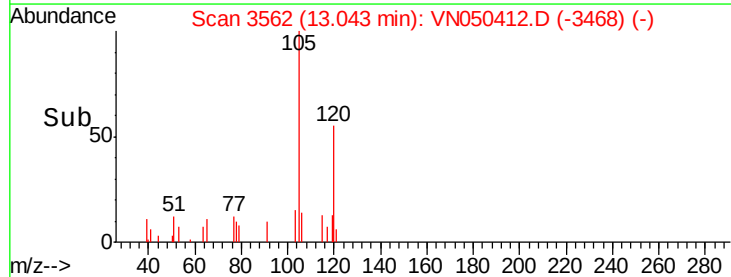
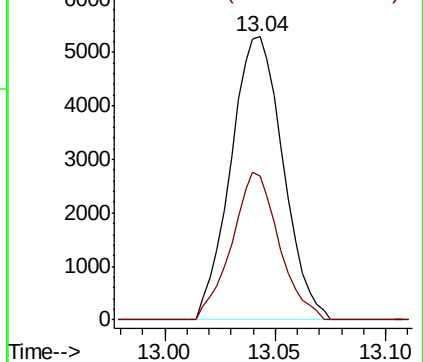
Ion Ratio Lower Upper

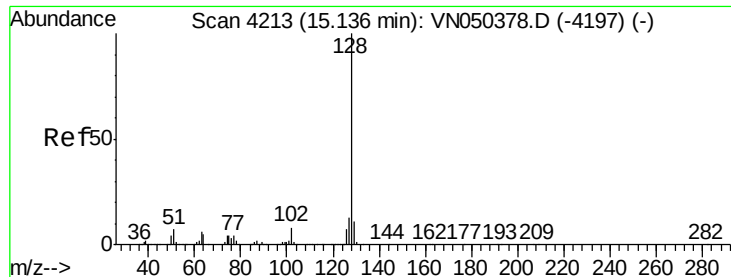
105 100

120 47.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3535) (-)





#95
Naphthalene
Concen: 7.90 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Instrument :
MSVOA_N
ClientSampleId :
SOIL-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.4	8.8	13.2

