

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050199.D
 Acq On : 30 Jul 2018 20:06
 Operator : MD\SY
 Sample : J4217-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

Quant Time: Jul 31 02:33:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1036870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340662	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	447829	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
35) Dibromofluoromethane	7.59	113	395641	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	10.09	98	1412260	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	12.40	95	398650	38.90	ug/l	0.00
Spiked Amount			Recovery	=	77.80%	

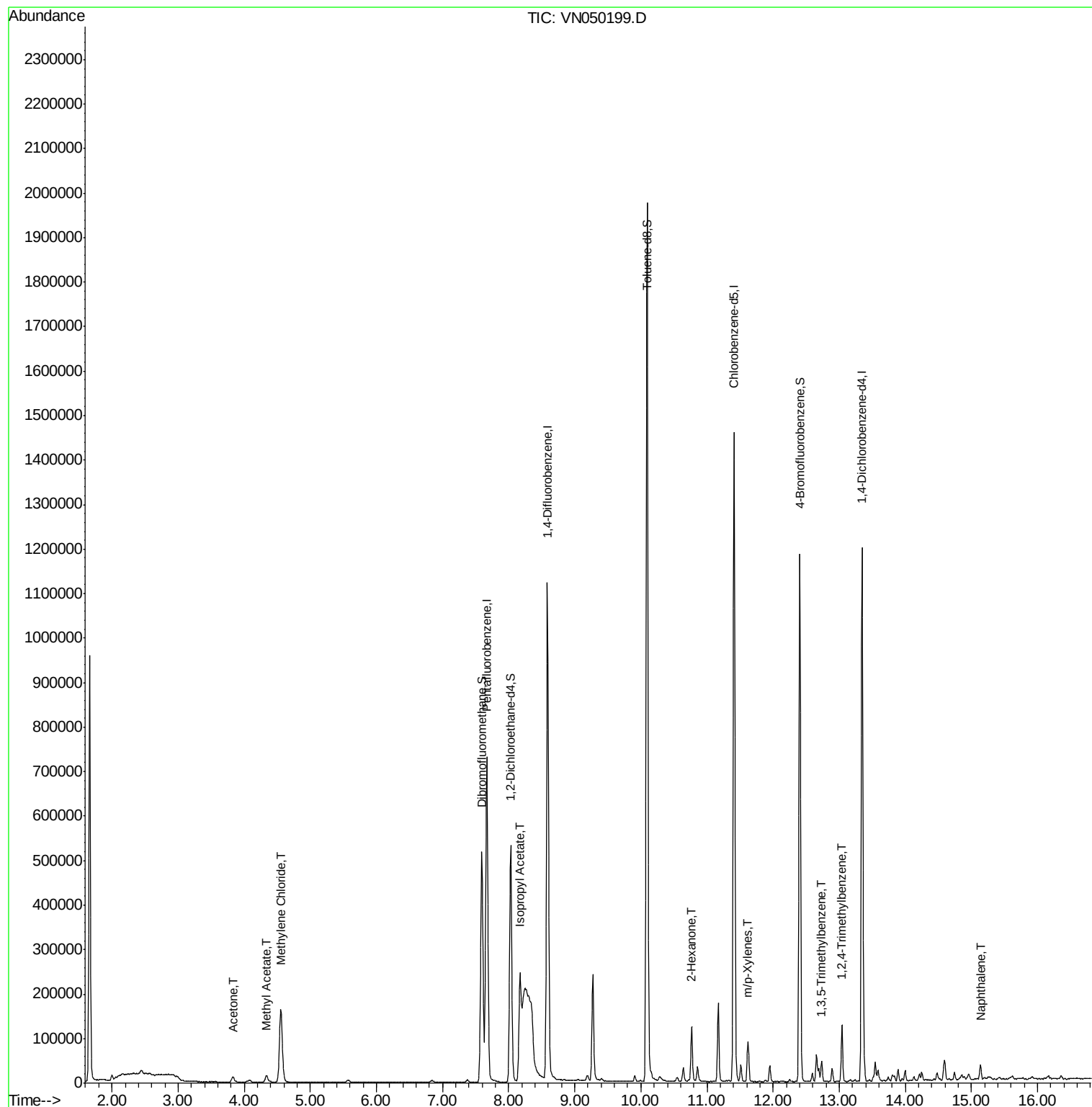
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21153	6.00	ug/l	95
18) Methyl Acetate	4.34	43	28515	1.98	ug/l	98
20) Methylene Chloride	4.55	84	128414	15.64	ug/l	99
43) Isopropyl Acetate	8.17	43	300722	18.88	ug/l #	91
59) 2-Hexanone	10.77	43	17540	8.09	ug/l #	56
68) m/p-Xylenes	11.62	106	28904	2.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	23088	1.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	69438	3.31	ug/l	98
95) Naphthalene	15.14	128	28243	6.07	ug/l	98

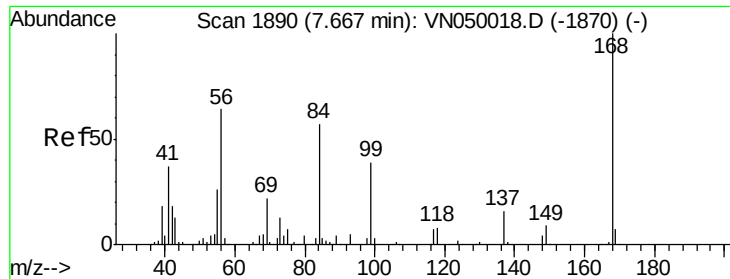
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073018\
Data File : VN050199.D
Acq On : 30 Jul 2018 20:06
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Sample : J4217-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

Quant Time: Jul 31 02:33:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 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: VN050199.D

Acq: 30 Jul 2018 20:06

Instrument :

MSVOA_N

ClientSampled :

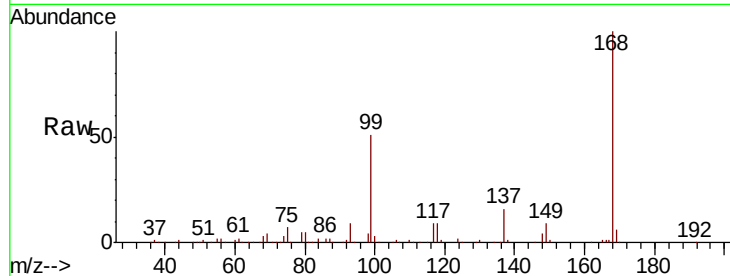
SOIL-1

Tot Ion:168 Resp: 628926

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050199.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050199.D (-1798) (-)

7.67

250000

200000

150000

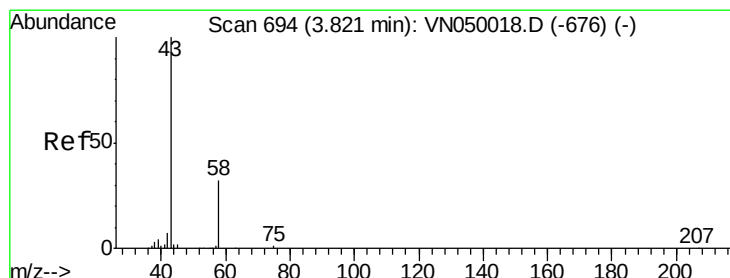
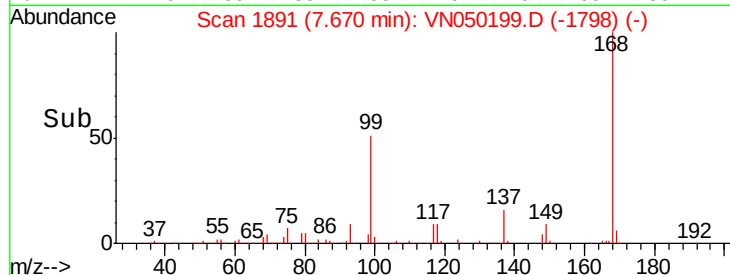
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050199.D

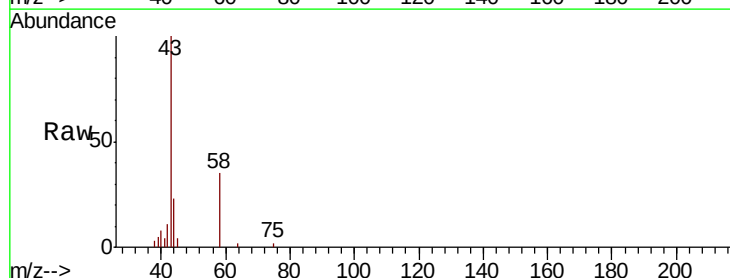
Acq: 30 Jul 2018 20:06

Tgt Ion: 43 Resp: 21153

Ion Ratio Lower Upper

43 100

58 34.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050199.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050199.D (-601) (-)

3.83

8000

6000

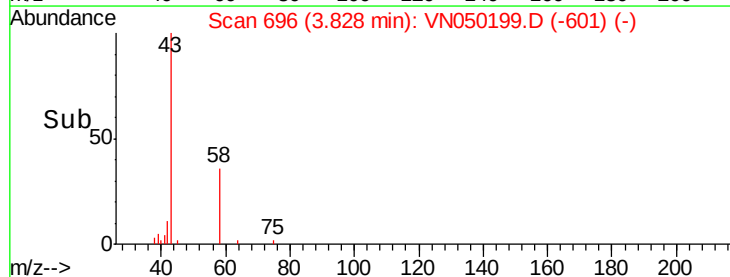
4000

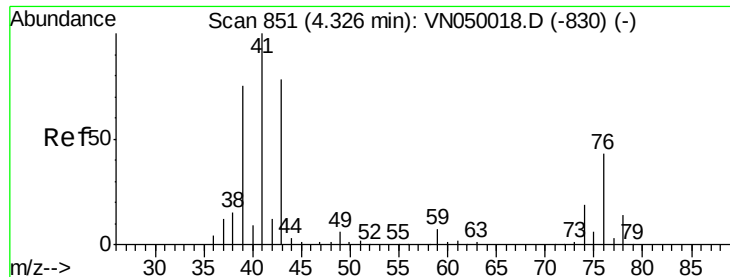
2000

0

3.70 3.80 3.90

Time-->

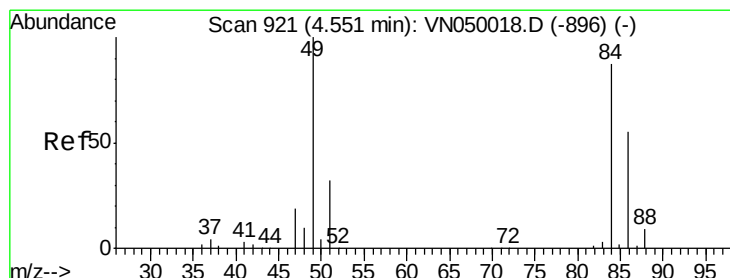
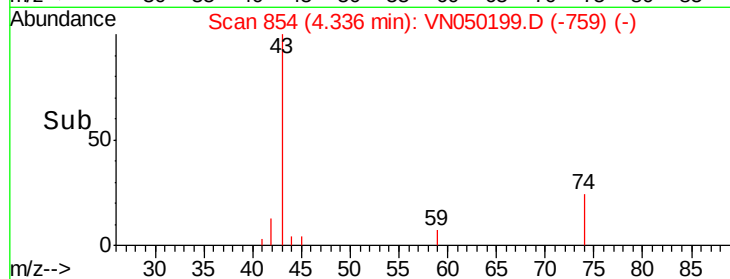
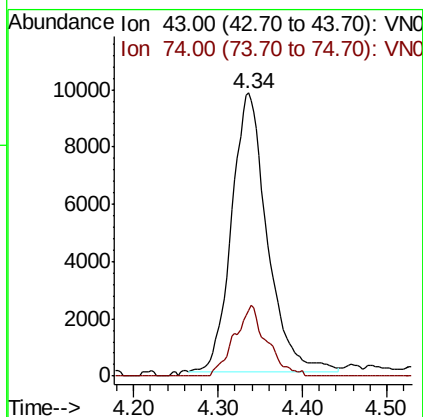
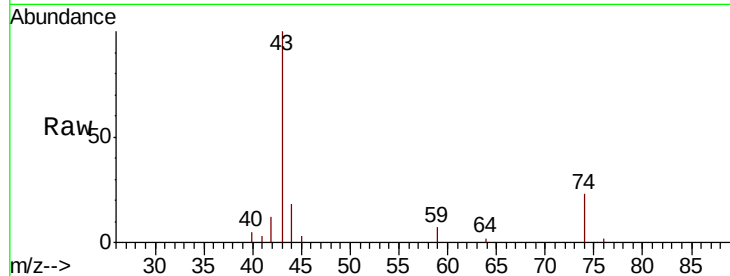




#18
Methyl Acetate
Concen: 1.98 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

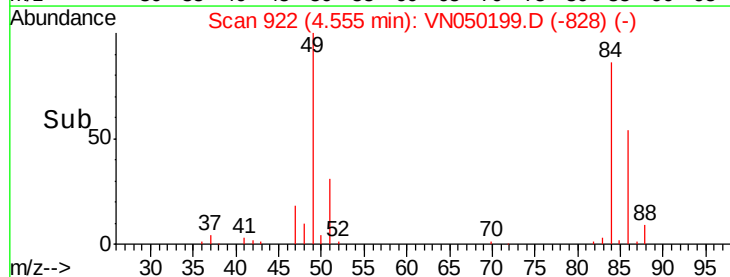
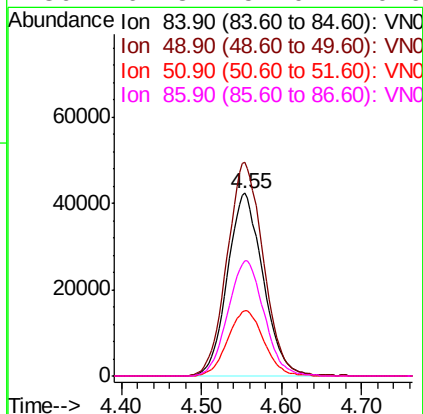
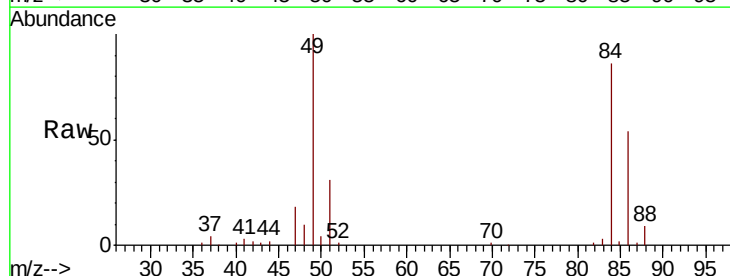
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

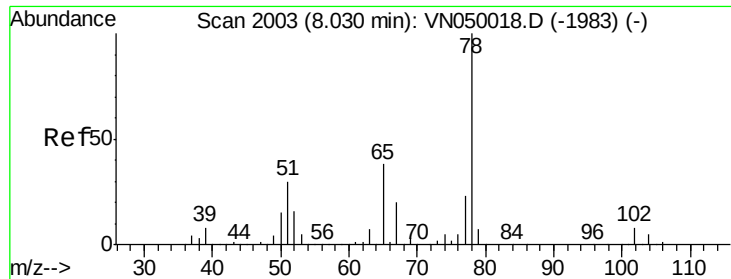
Tot Ion: 43 Resp: 28515
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 15.64 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

Tgt Ion: 84 Resp: 128414
Ion Ratio Lower Upper
84 100
49 116.9 94.8 142.2
51 36.1 28.3 42.5
86 62.8 51.0 76.6

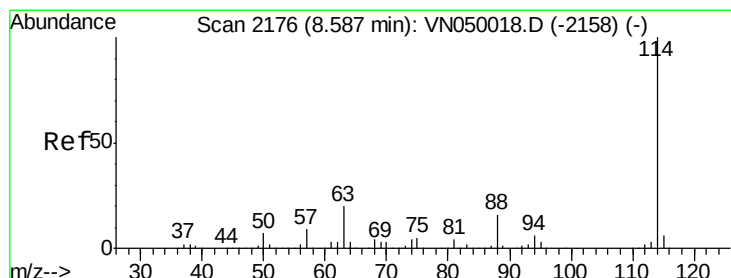
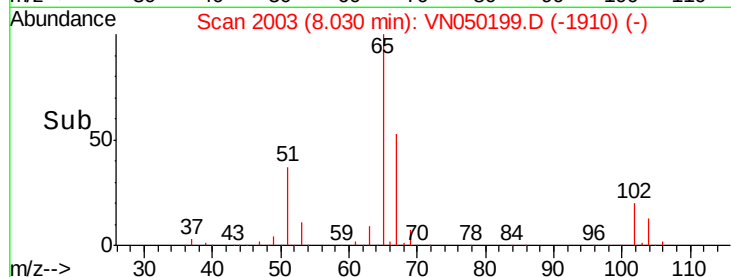
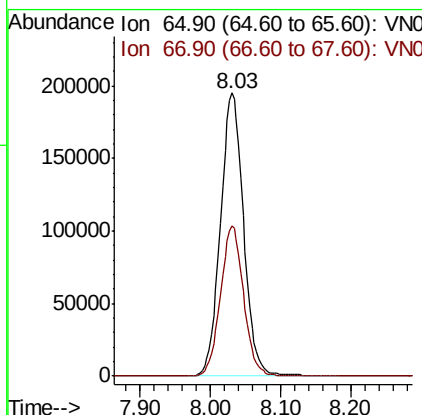
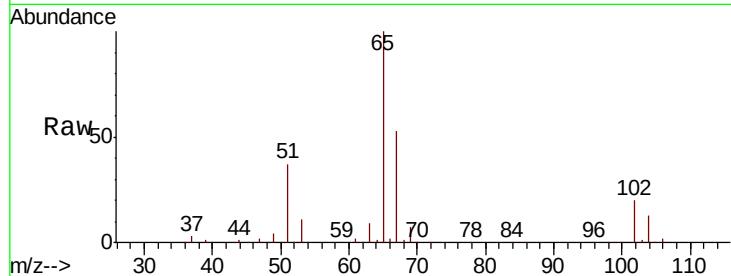




#33
 1,2-Dichloroethane-d4
 Concen: 51.03 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050199.D
 Acq: 30 Jul 2018 20:06

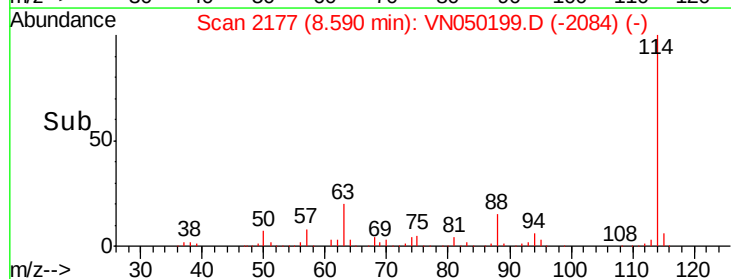
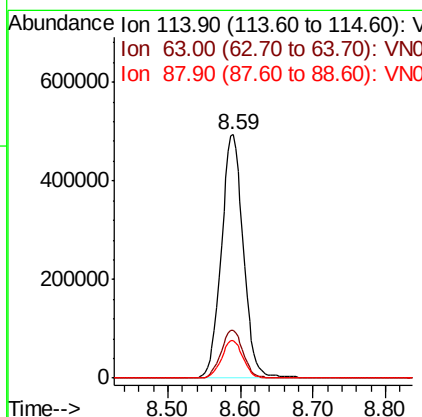
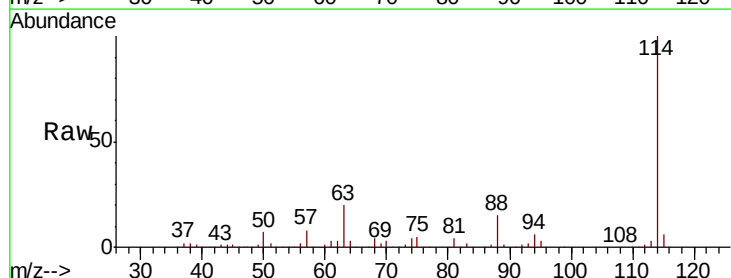
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-1

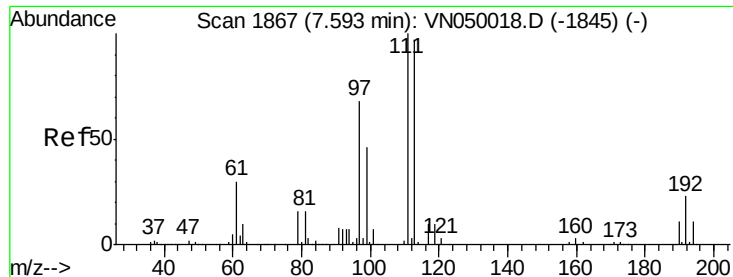
Tot Ion: 65 Resp: 447829
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050199.D
 Acq: 30 Jul 2018 20:06

Tgt Ion: 114 Resp: 1036870
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

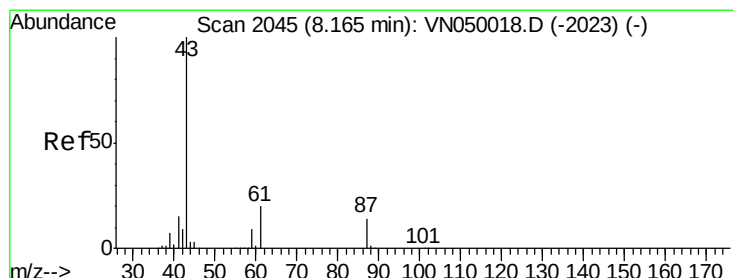
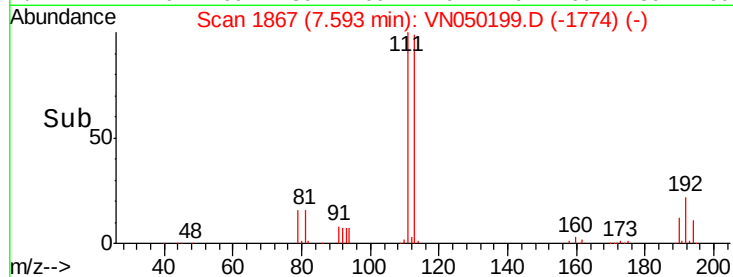
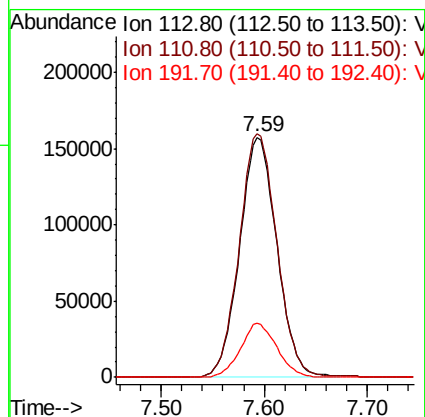
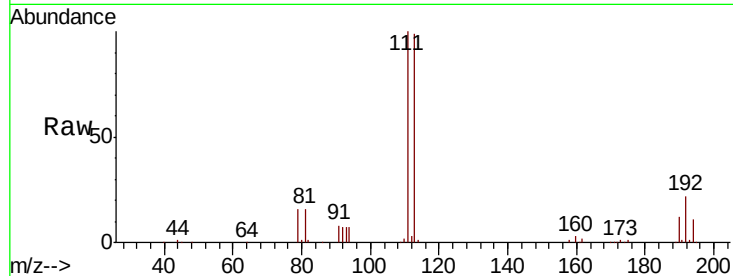




#35
Dibromofluoromethane
Concen: 46.73 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

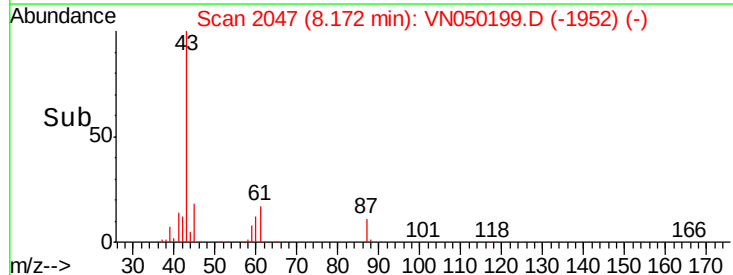
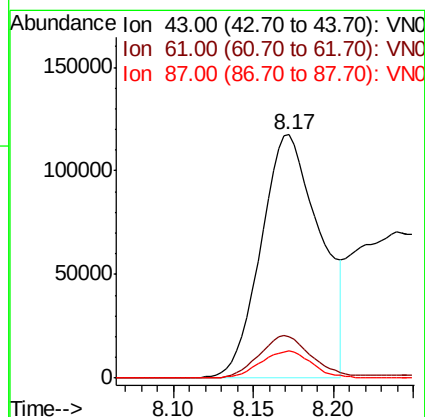
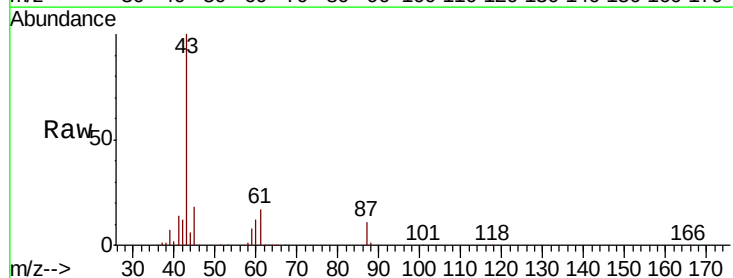
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

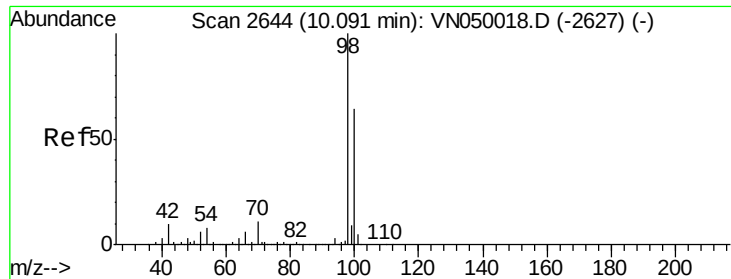
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	21.9	17.8	26.6



#43
Isopropyl Acetate
Concen: 18.88 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	15.8	23.6#
87	9.7	10.3	15.5#

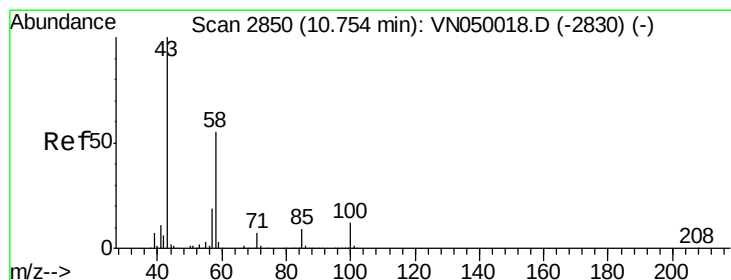
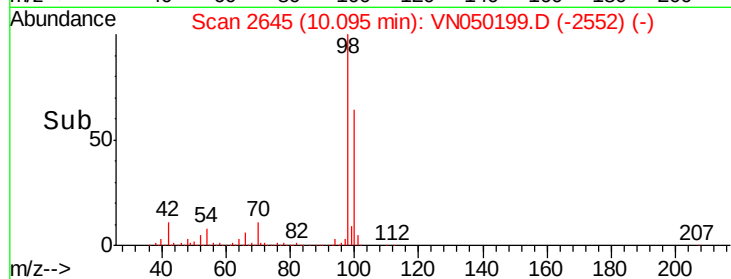
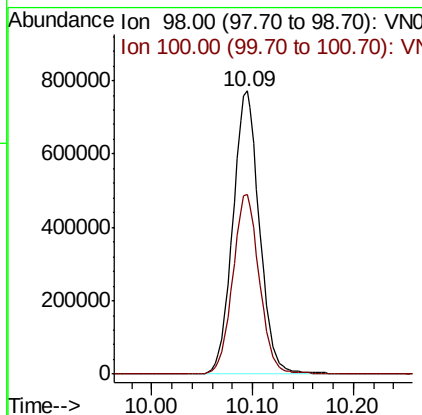
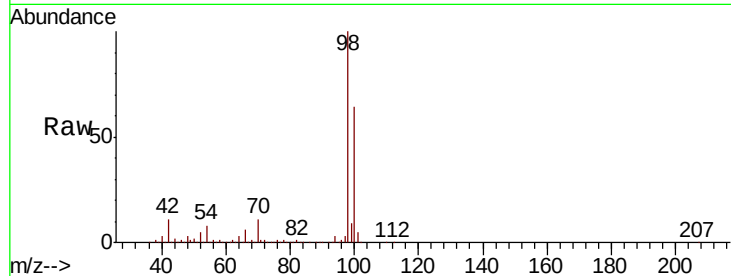




#50
Toluene-d8
Concen: 45.38 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

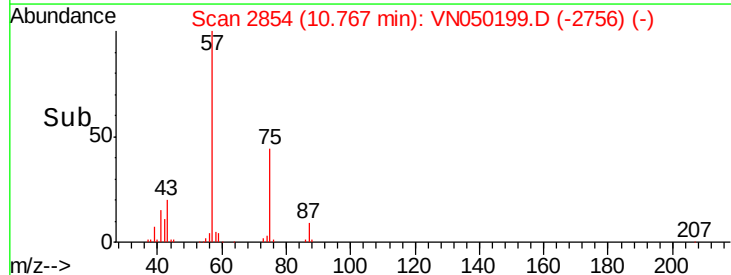
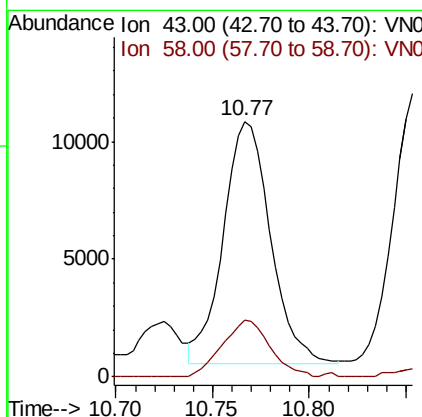
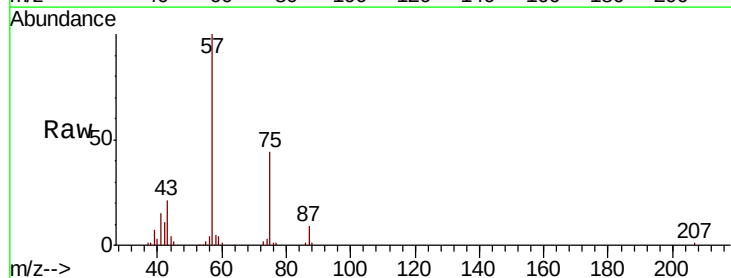
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

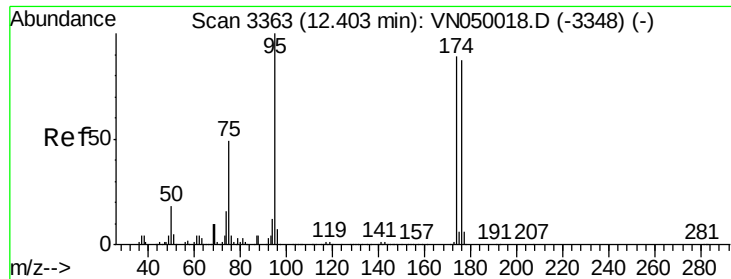
Tot Ion: 98 Resp: 1412260
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#59
2-Hexanone
Concen: 8.09 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

Tgt Ion: 43 Resp: 17540
Ion Ratio Lower Upper
43 100
58 23.6 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050199.D

Acq: 30 Jul 2018 20:06

Instrument :

MSVOA_N

ClientSampled :

SOIL-1

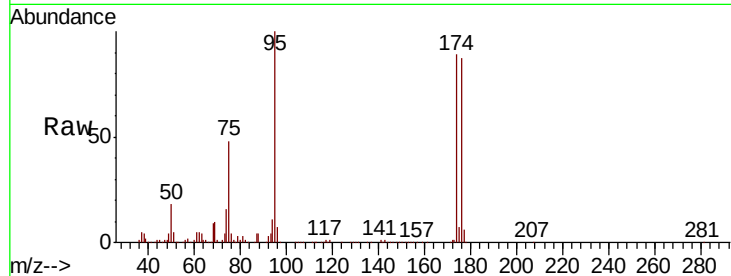
Tot Ion: 95 Resp: 398650

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

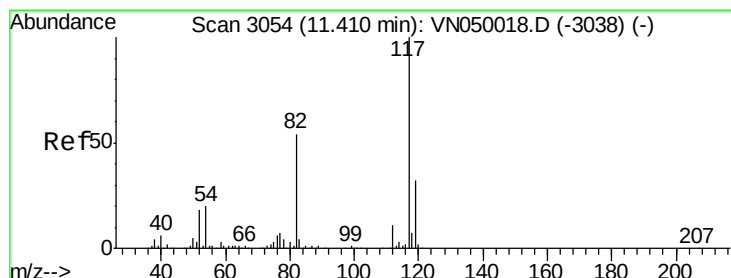
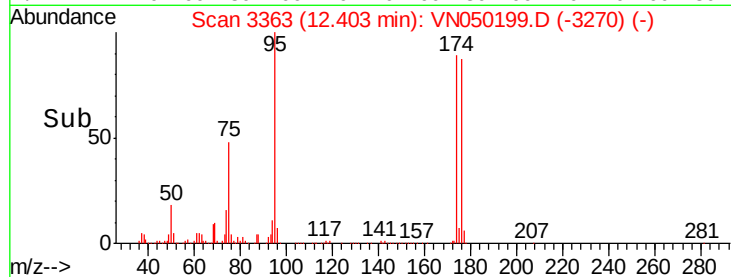
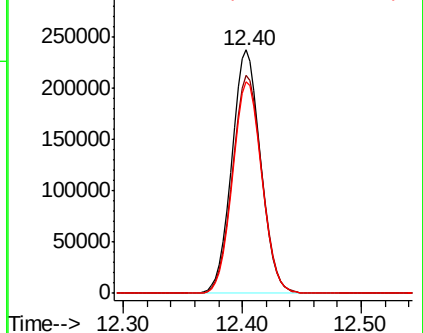
176 88.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050199.D

Acq: 30 Jul 2018 20:06

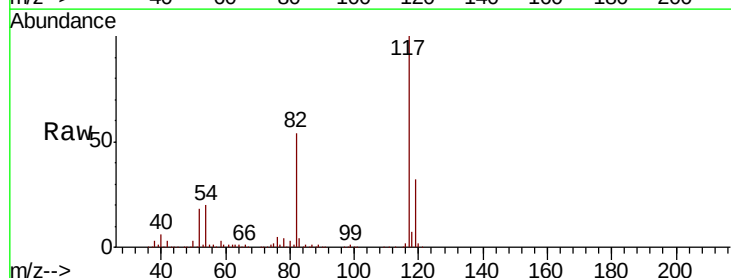
Tgt Ion: 117 Resp: 896019

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

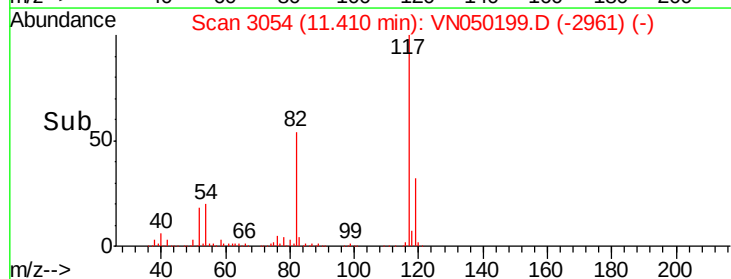
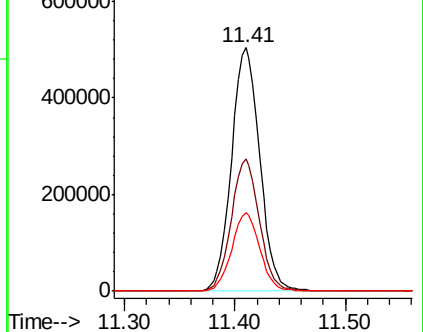
119 32.2 26.1 39.1

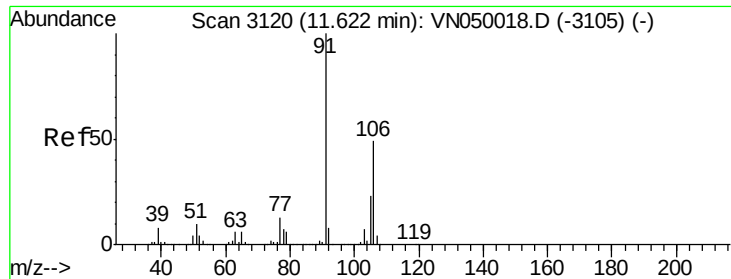


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

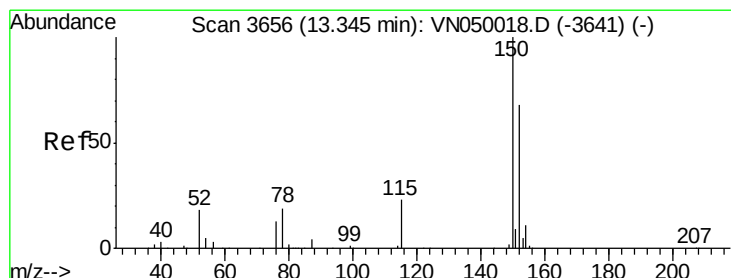
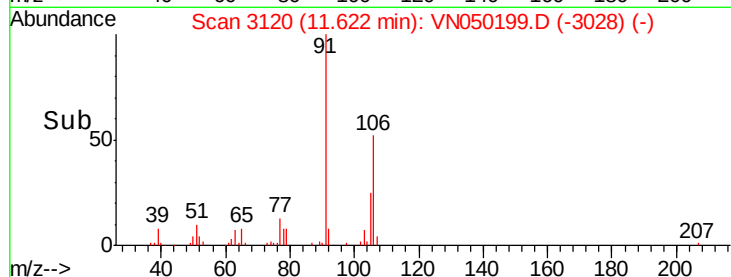
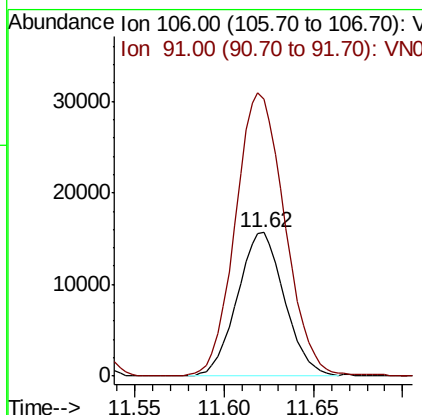
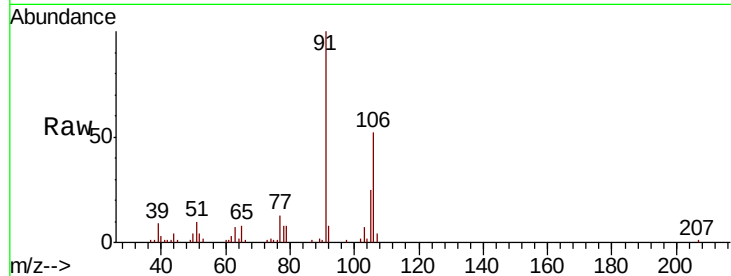




#68
m/p-Xylenes
Concen: 2.10 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

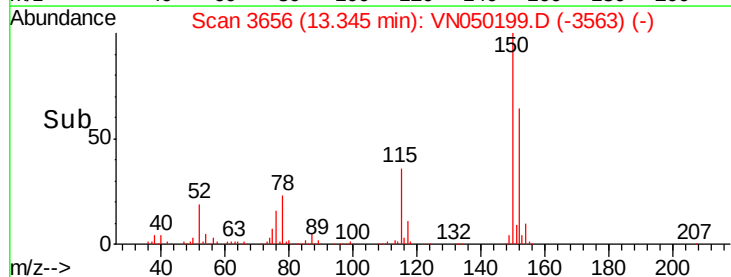
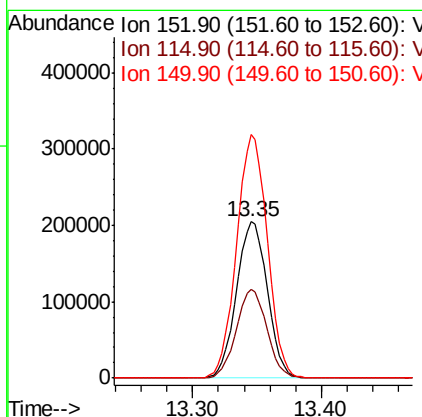
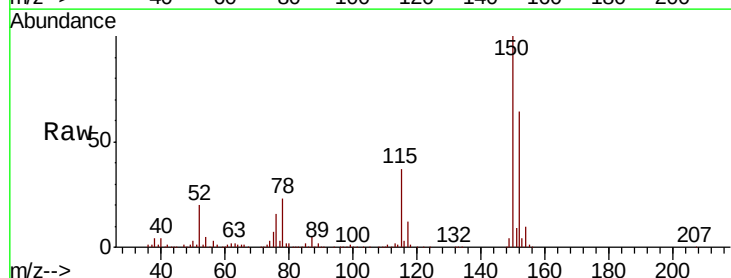
Instrument :
MSVOA_N
ClientSampled :
SOIL-1

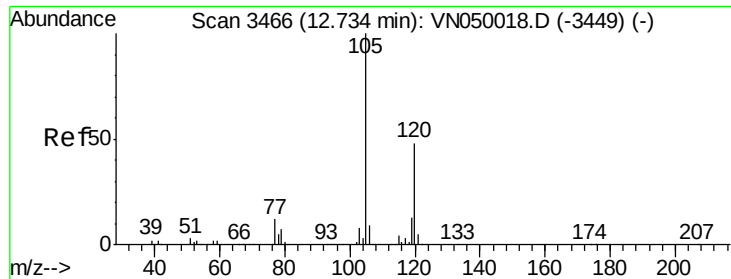
Tot Ion:106 Resp: 28904
Ion Ratio Lower Upper
106 100
91 206.2 162.2 243.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050199.D
Acq: 30 Jul 2018 20:06

Tgt Ion:152 Resp: 340662
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 154.9 0.0 348.6

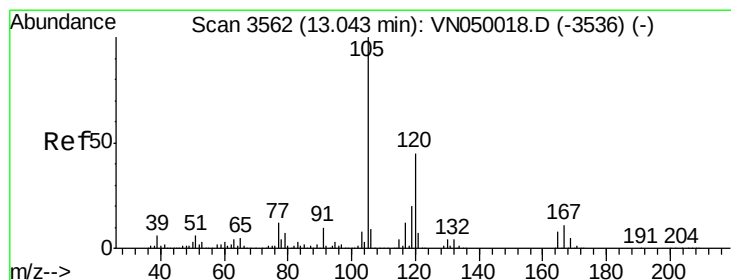
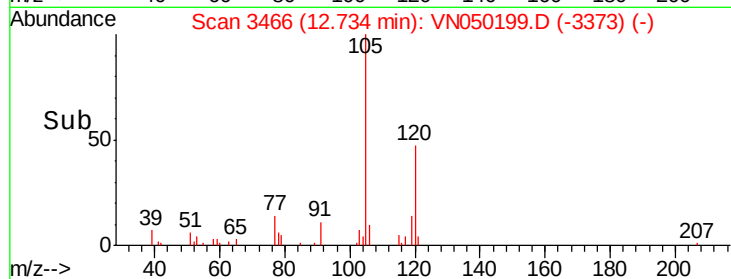
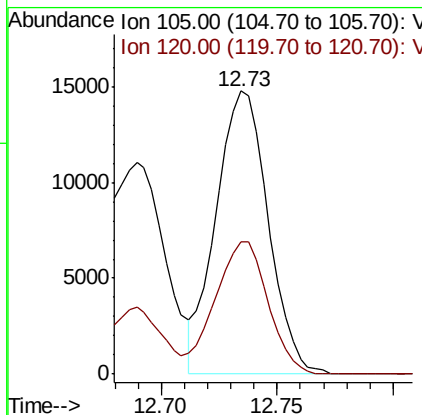
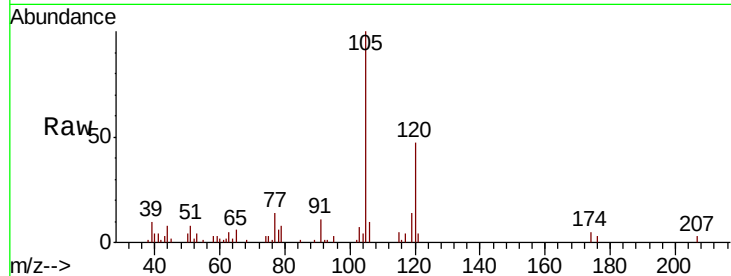




#80
 1,3,5-Trimethylbenzene
 Concen: 1.11 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050199.D
 Acq: 30 Jul 2018 20:06

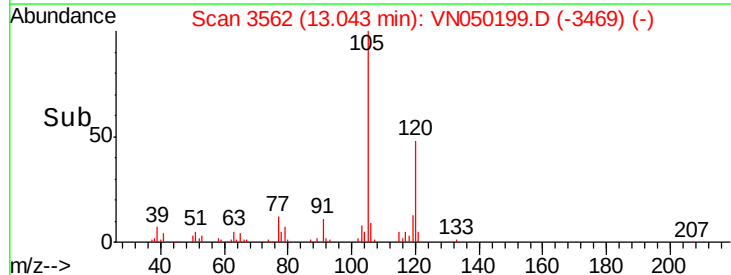
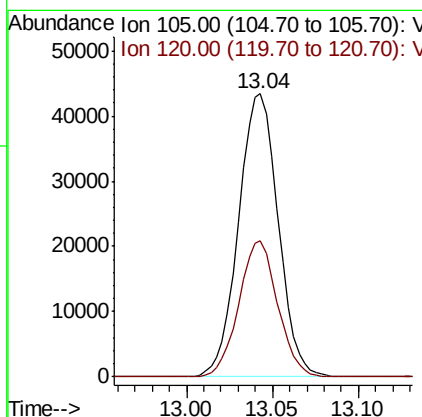
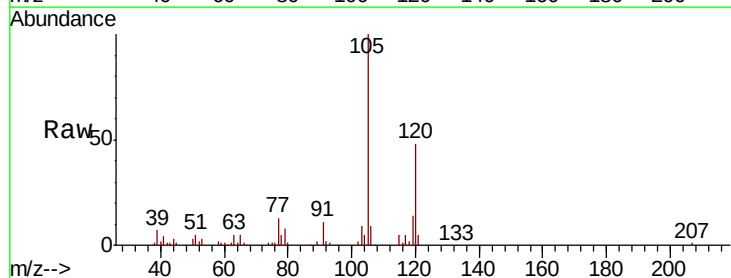
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-1

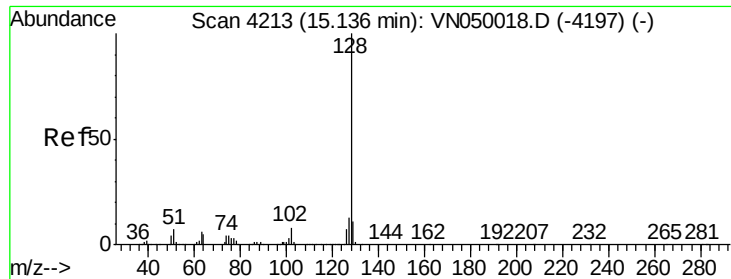
Tot Ion:105 Resp: 23088
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.31 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050199.D
 Acq: 30 Jul 2018 20:06

Tgt Ion:105 Resp: 69438
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.7

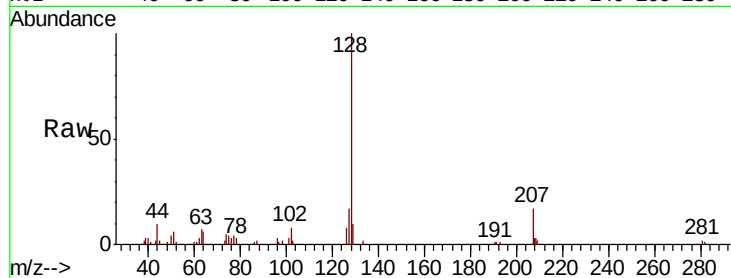




#95
 Naphthalene
 Concen: 6.07 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050199.D
 Acq: 30 Jul 2018 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.5	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

