

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050750.D
 Acq On : 18 Aug 2018 4:34
 Operator : MD\SY
 Sample : J4516-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ND-SOIL

Quant Time: Aug 18 05:58:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307591	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	420020	54.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.12%	
35) Dibromofluoromethane	7.59	113	391394	47.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1404977	45.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	381281	37.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.82%	

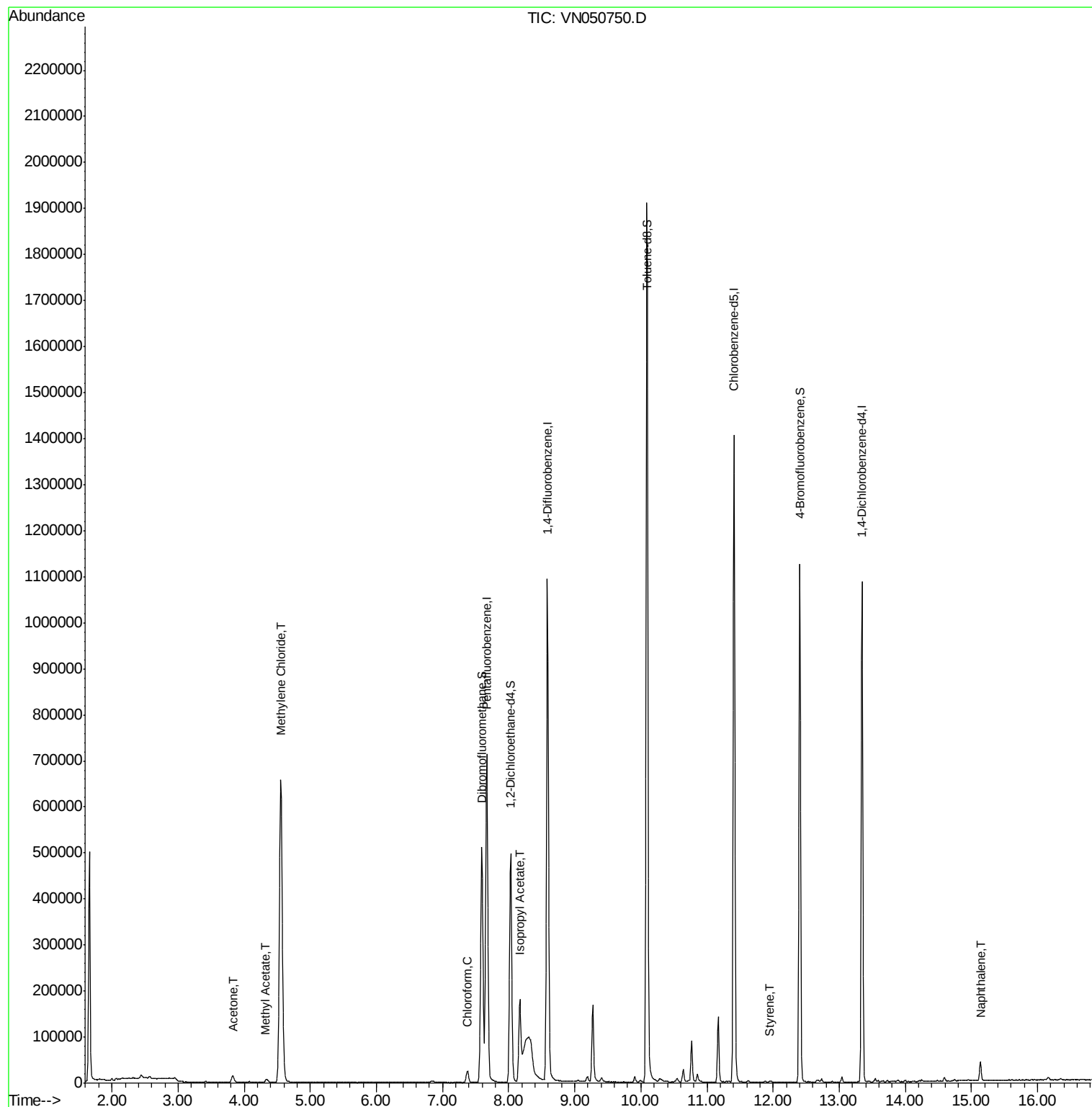
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	24377	11.18	ug/l	100
18) Methyl Acetate	4.33	43	14895	1.77	ug/l #	69
20) Methylene Chloride	4.55	84	521505	71.15	ug/l	99
30) Chloroform	7.38	83	27631	1.98	ug/l	90
43) Isopropyl Acetate	8.17	43	220471	18.73	ug/l	98
70) Styrene	11.96	104	1339	1.00	ug/l #	70
95) Naphthalene	15.14	128	35039	6.59	ug/l #	96

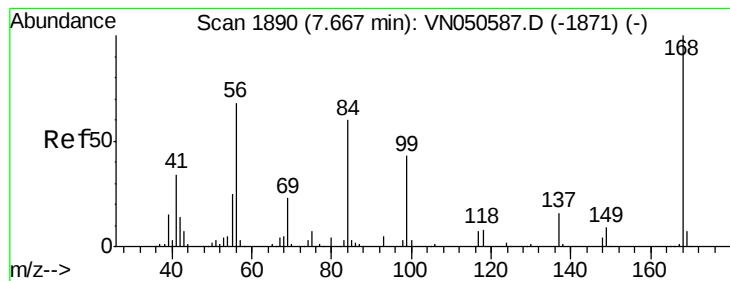
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 05:58:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 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: VN050750.D

Acq: 18 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

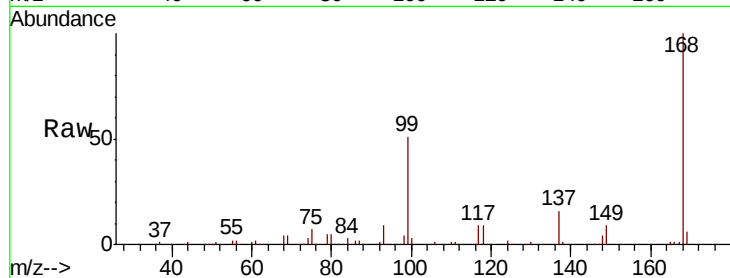
ND-SOIL

Tot Ion:168 Resp: 616434

Ion Ratio Lower Upper

168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050750.D (-1797) (-)

7.67

250000

200000

150000

100000

50000

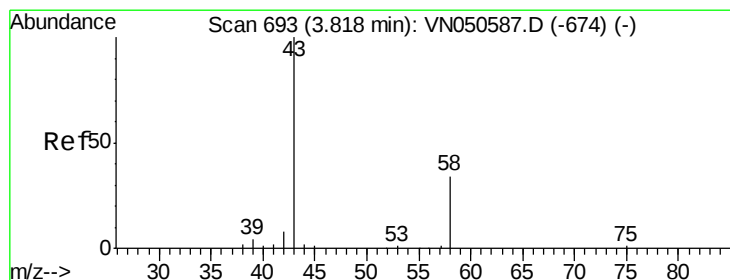
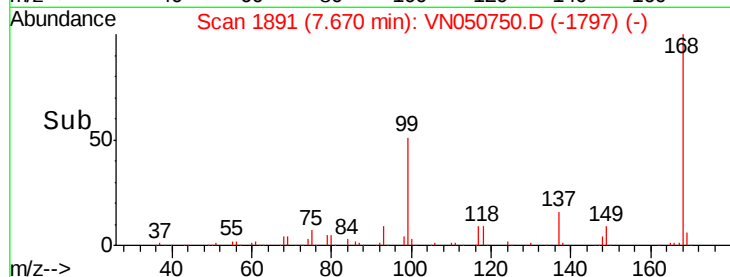
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Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 11.18 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050750.D

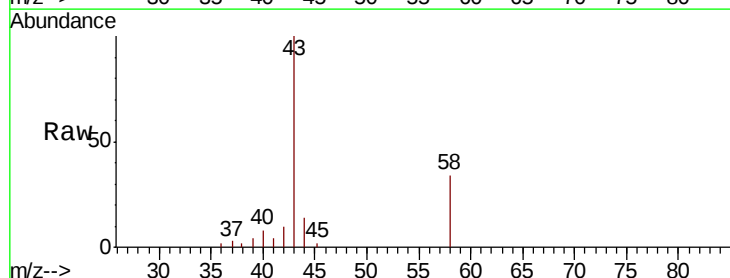
Acq: 18 Aug 2018 4:34

Tgt Ion: 43 Resp: 24377

Ion Ratio Lower Upper

43 100

58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050750.D (-600) (-)

3.83

10000

8000

6000

4000

2000

0

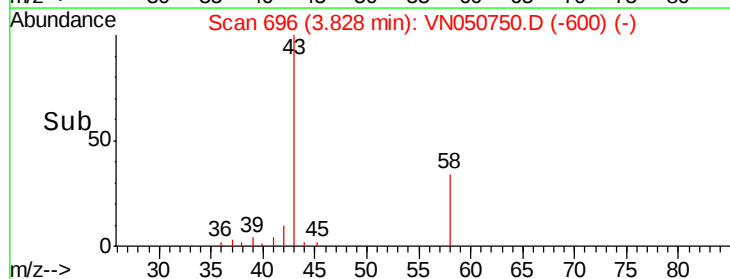
Time-->

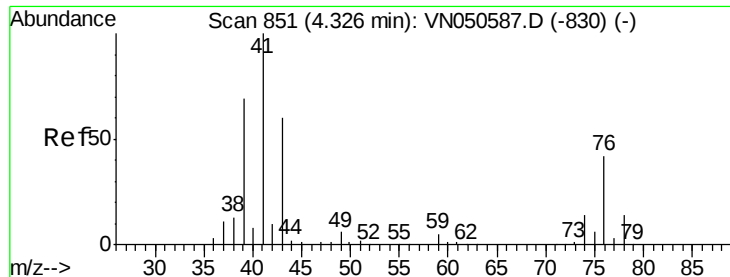
3.75

3.80

3.85

3.90

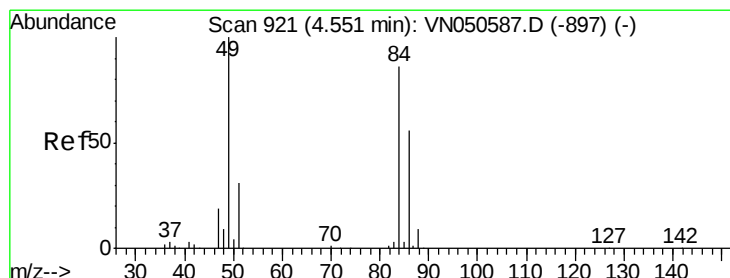
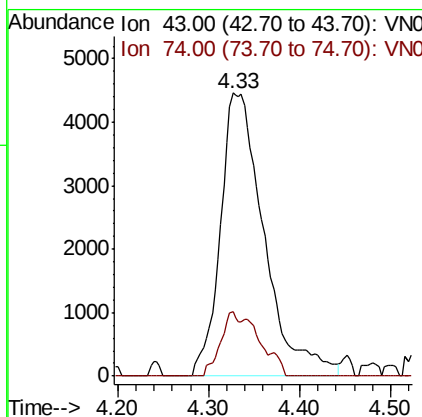
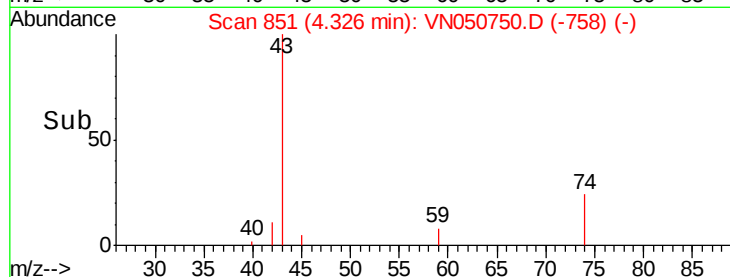
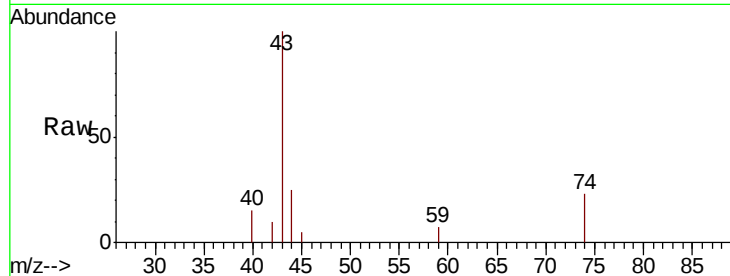




#18
Methvl Acetate
Concen: 1.77 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

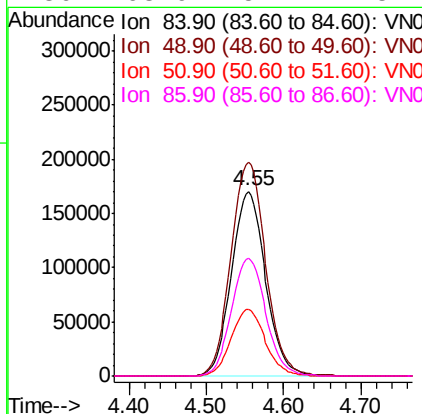
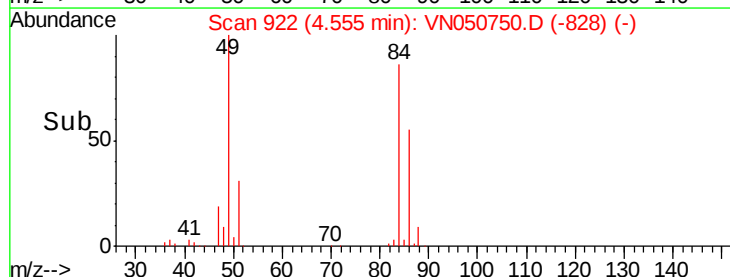
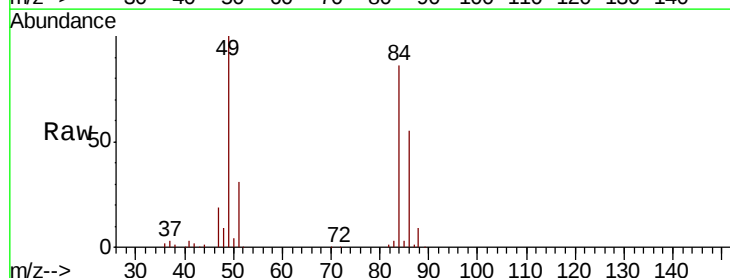
Instrument :
MSVOA_N
ClientSampleId :
ND-SOIL

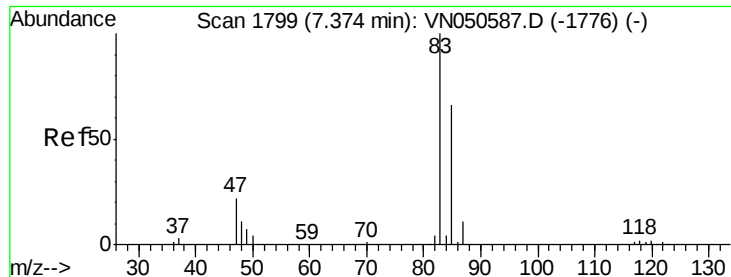
Tot Ion: 43 Resp: 14895
Ion Ratio Lower Upper
43 100
74 9.2 19.7 29.5#



#20
Methylene Chloride
Concen: 71.15 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

Tgt Ion: 84 Resp: 521505
Ion Ratio Lower Upper
84 100
49 115.7 92.6 138.8
51 36.2 28.6 43.0
86 63.9 52.2 78.2

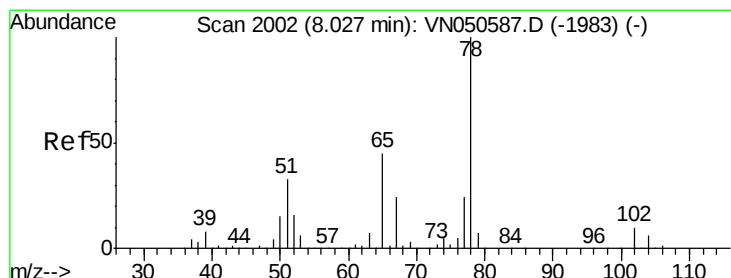
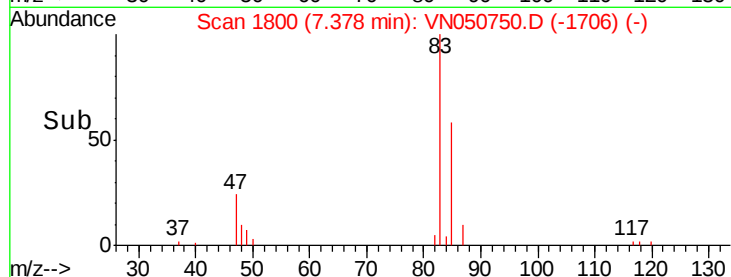
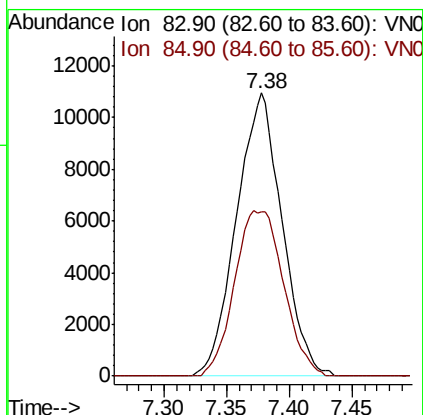
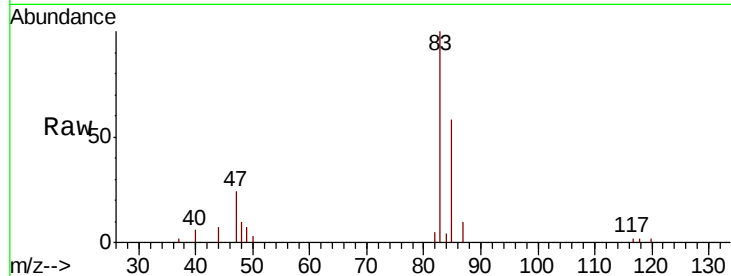




#30
Chloroform
Concen: 1.98 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

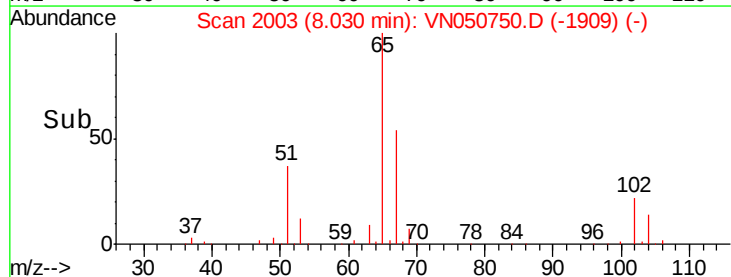
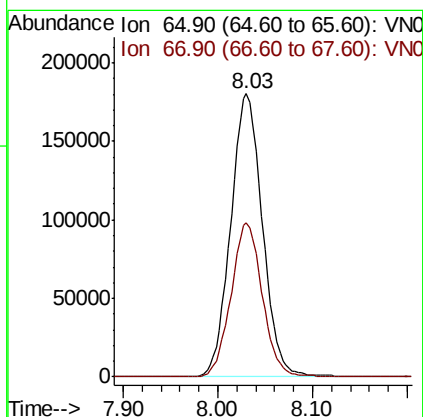
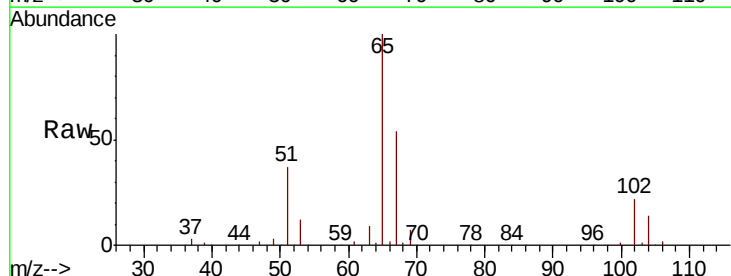
Instrument :
MSVOA_N
ClientSampleId :
ND-SOIL

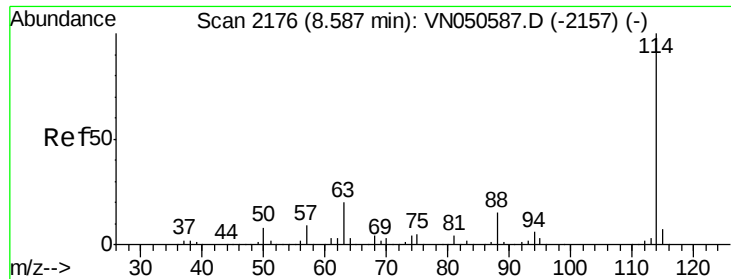
Tot Ion: 83 Resp: 27631
Ion Ratio Lower Upper
83 100
85 57.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.06 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

Tgt Ion: 65 Resp: 420020
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.8

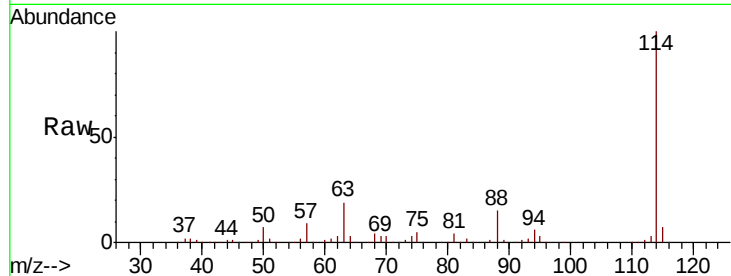




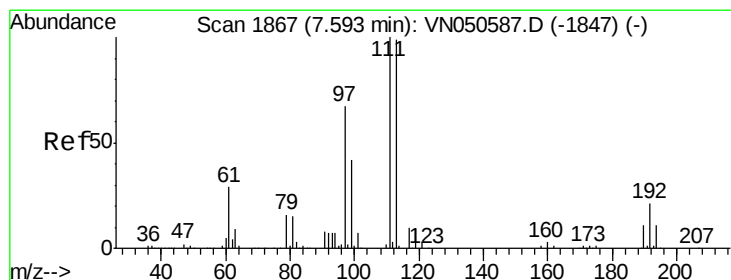
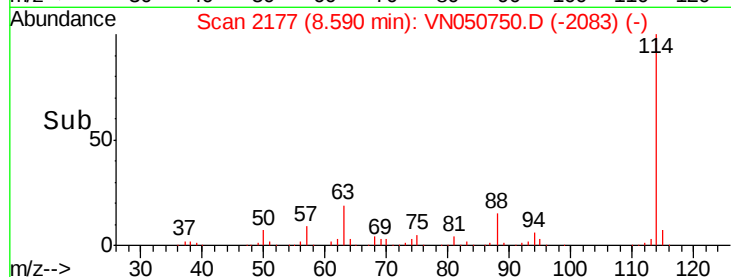
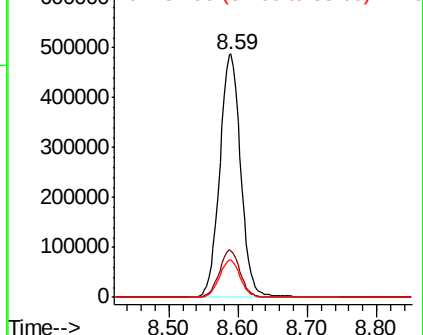
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050750.D
 Acq: 18 Aug 2018 4:34

Instrument :
 MSVOA_N
 ClientSampleId :
 ND-SOIL

Tot Ion:114 Resp: 1026724
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.2 0.0 30.8

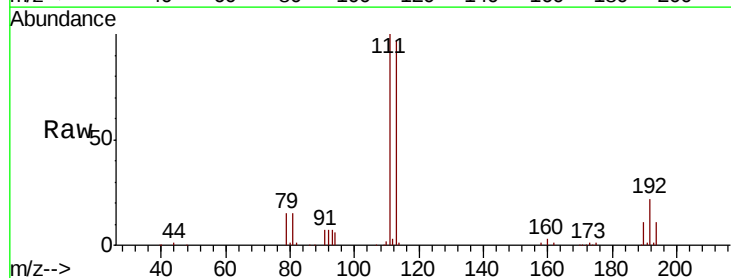


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

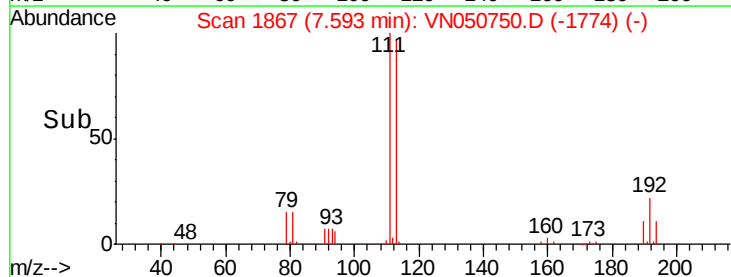
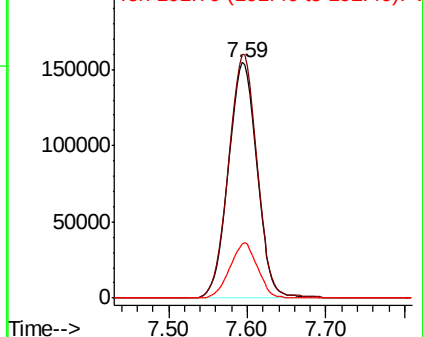


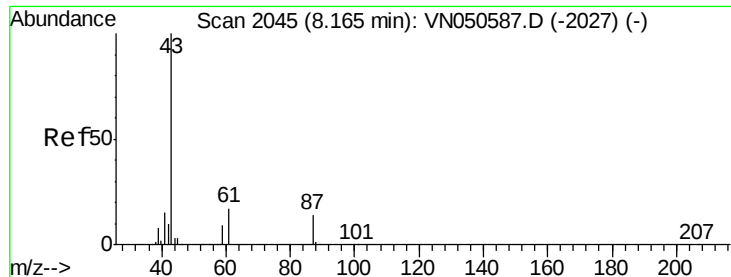
#35
 Dibromofluoromethane
 Concen: 47.75 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050750.D
 Acq: 18 Aug 2018 4:34

Tgt Ion:113 Resp: 391394
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 22.6 17.6 26.4



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





#43

Isopropyl Acetate

Concen: 18.73 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050750.D

Acq: 18 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampled :

ND-SOIL

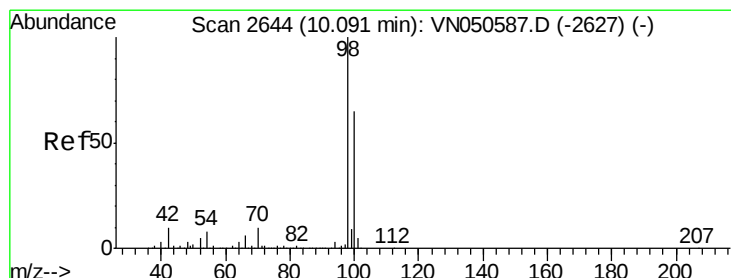
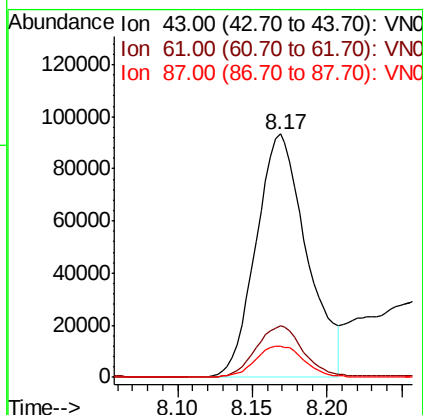
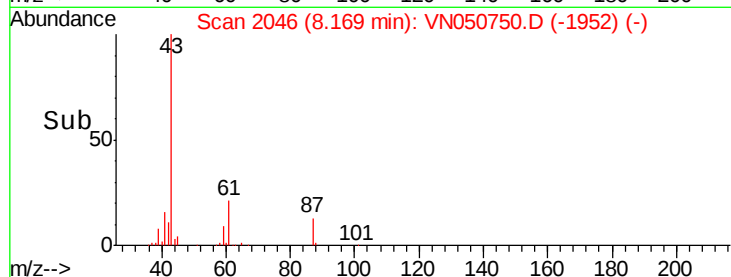
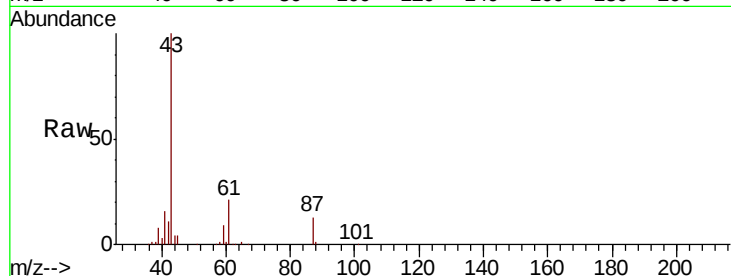
Tot Ion: 43 Resp: 220471

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.2

87 12.3 10.9 16.3



#50

Toluene-d8

Concen: 45.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050750.D

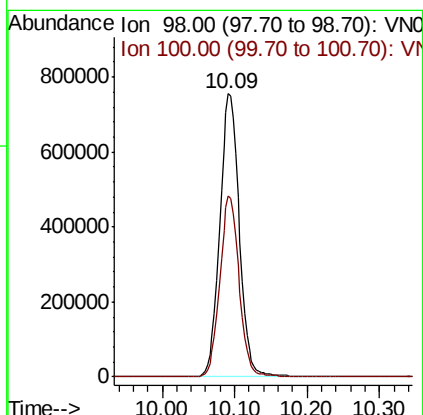
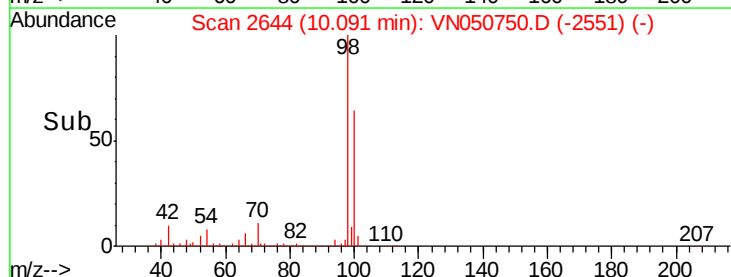
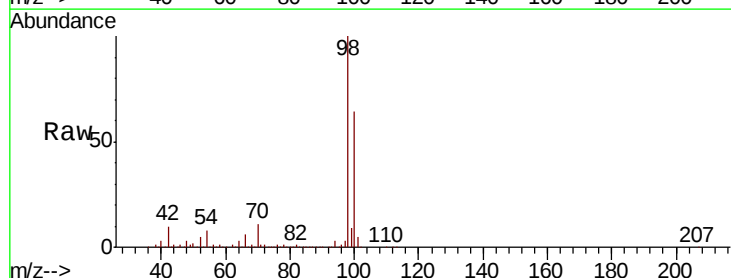
Acq: 18 Aug 2018 4:34

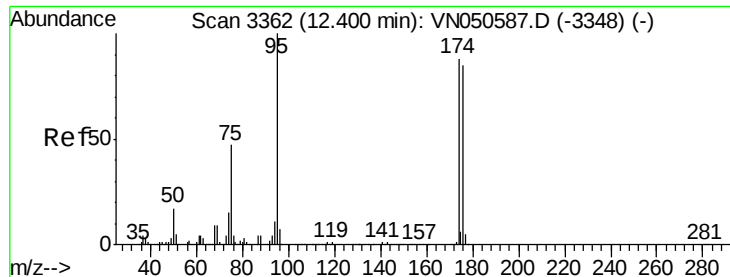
Tgt Ion: 98 Resp: 1404977

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 37.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050750.D

Acq: 18 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampled :

ND-SOIL

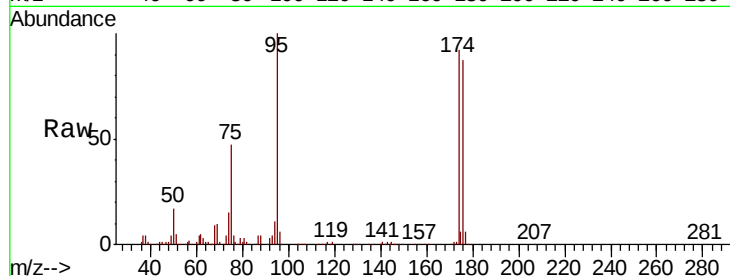
Tot Ion: 95 Resp: 381281

Ion Ratio Lower Upper

95 100

174 92.1 0.0 177.8

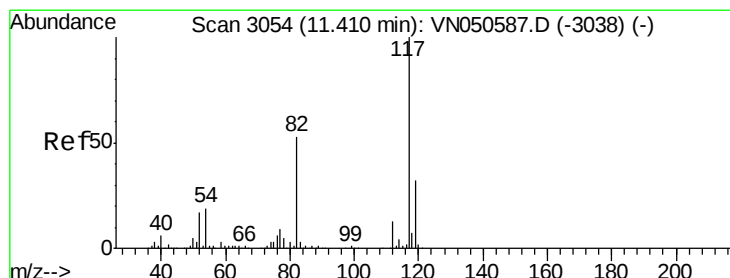
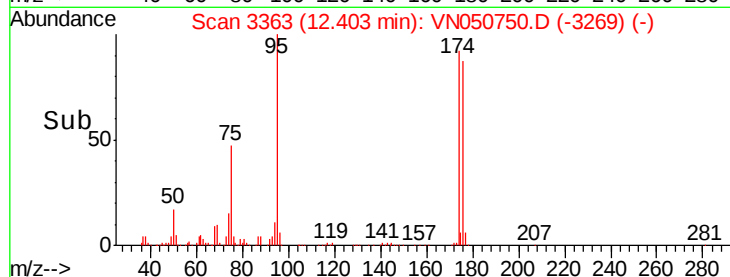
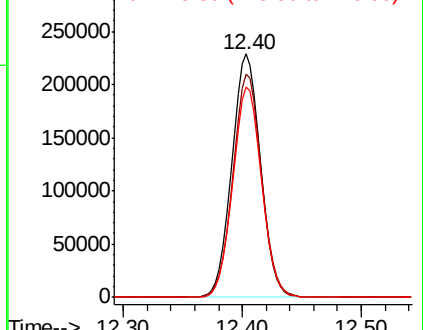
176 87.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050750.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050750.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050750.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050750.D

Acq: 18 Aug 2018 4:34

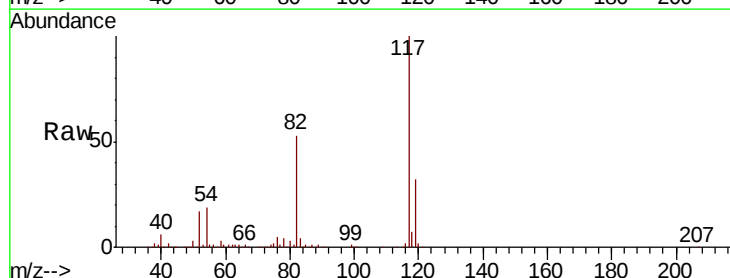
Tgt Ion: 117 Resp: 866840

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

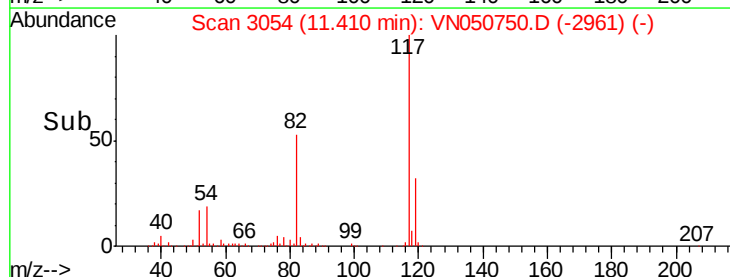
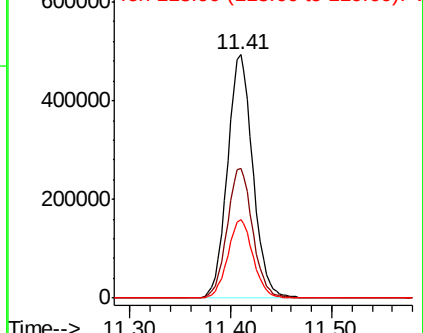
119 32.2 25.8 38.8

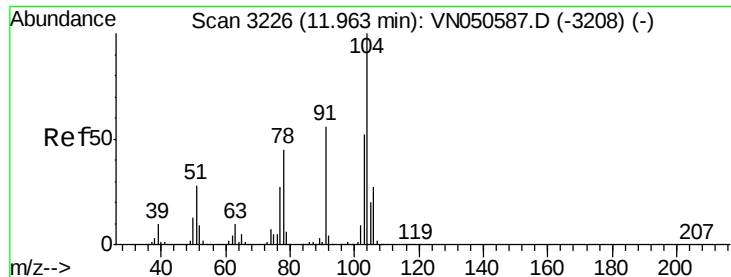


Abundance Ion 116.90 (116.60 to 117.60): VN050750.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050750.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050750.D (-2961) (-)

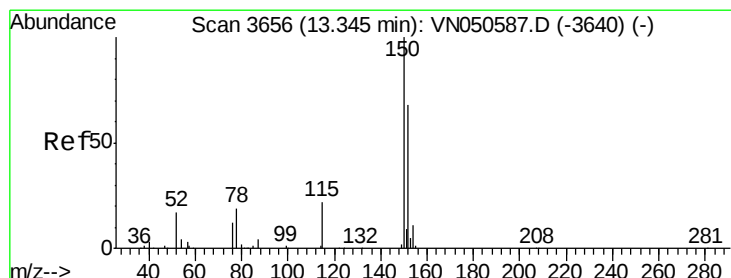
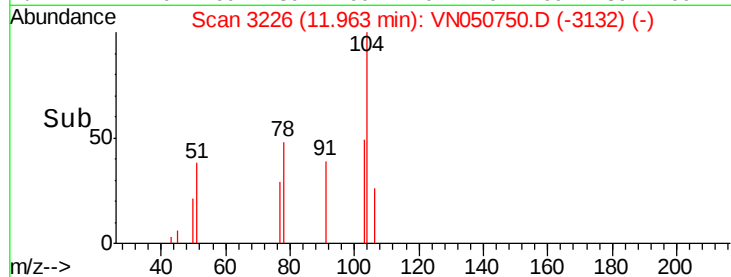
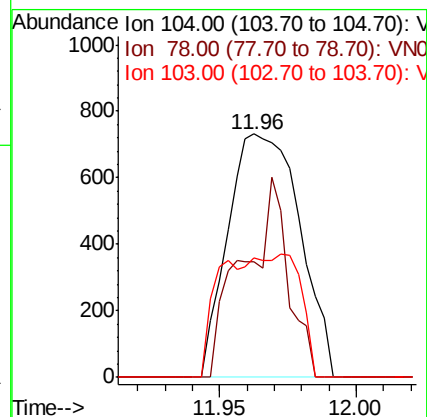
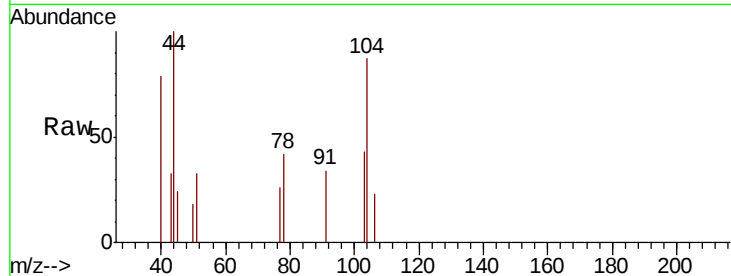




#70
Stvrene
Concen: 1.00 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

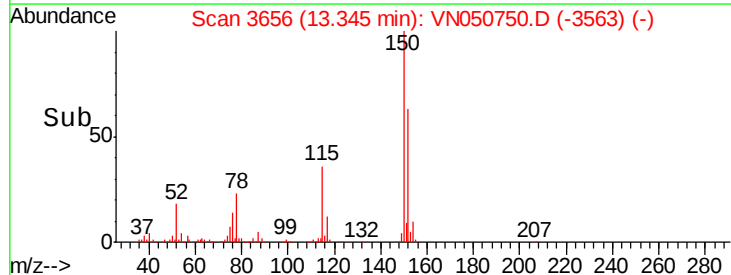
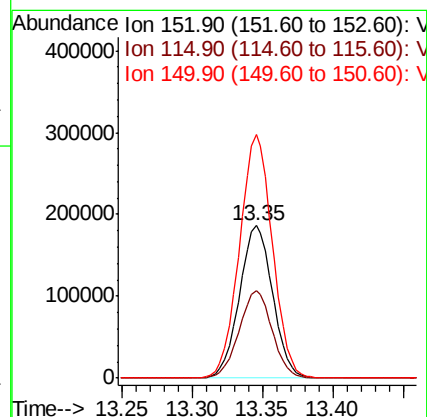
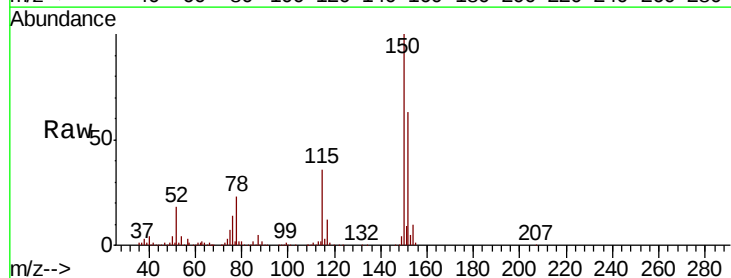
Instrument :
MSVOA_N
ClientSampled :
ND-SOIL

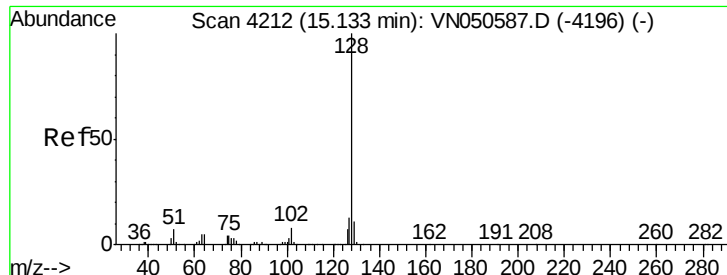
Tot Ion:104 Resp: 1339
Ion Ratio Lower Upper
104 100
78 51.3 39.1 58.7
103 17.9 44.9 67.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

Tgt Ion:152 Resp: 307591
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 158.1 0.0 347.8

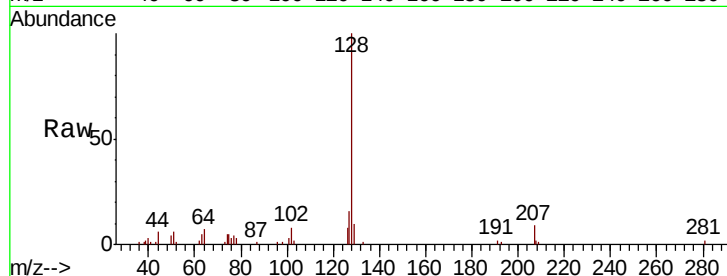




#95
Naphthalene
Concen: 6.59 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050750.D
Acq: 18 Aug 2018 4:34

Instrument :
MSVOA_N
ClientSampleId :
ND-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	10.6	8.5	12.7



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

