

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053345.D
 Acq On : 10 Jan 2019 16:48
 Operator : MD\SY
 Sample : K1100-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-C

Quant Time: Jan 11 06:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

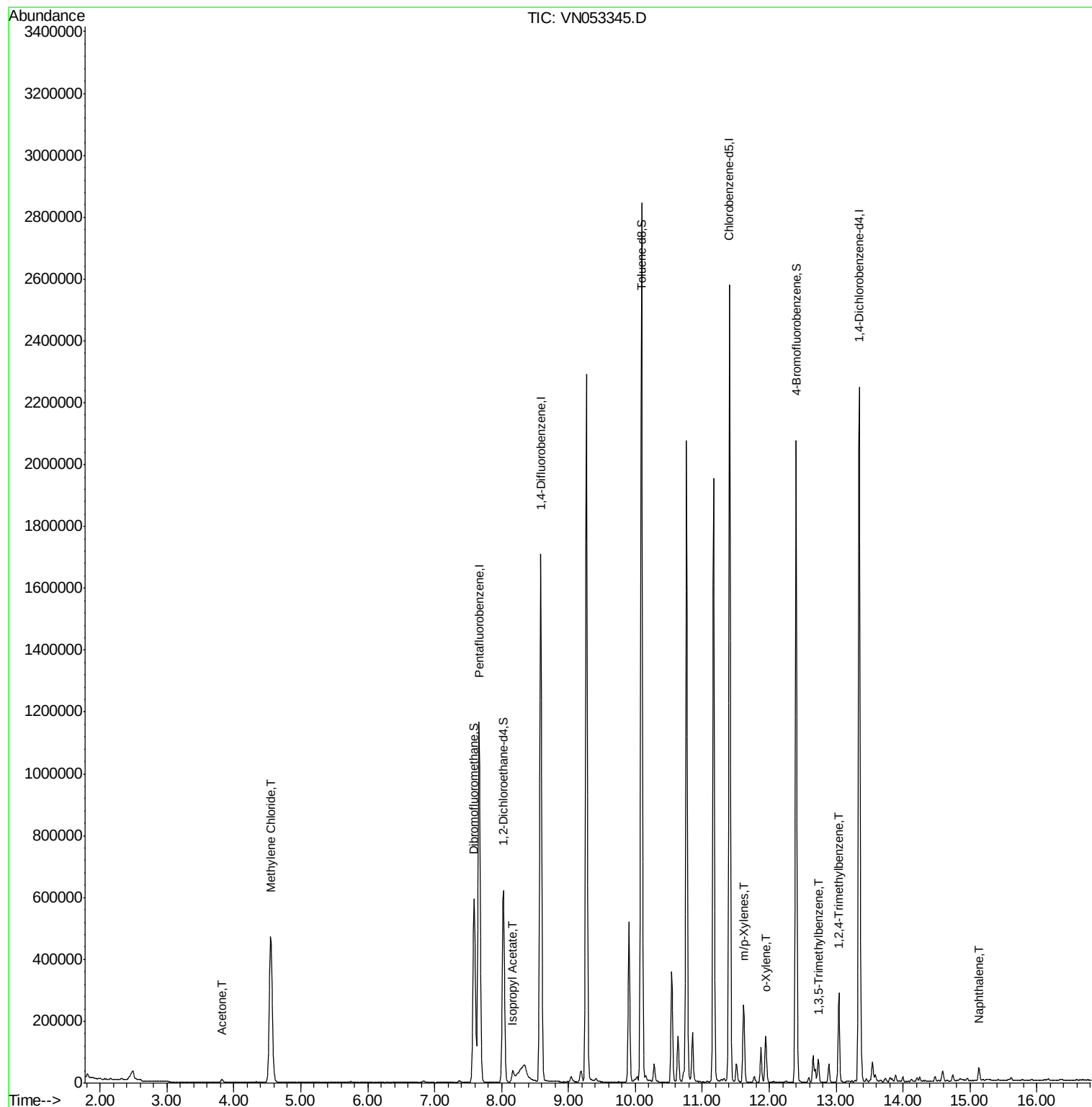
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1033150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1607852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1538813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	514360	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.59	113	457444	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	2022557	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	707386	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
Target Compounds						
16) Acetone	3.82	43	16733	4.271	ug/l	98
20) Methylene Chloride	4.55	84	372733	32.287	ug/l	97
43) Isopropyl Acetate	8.17	43	49401	2.568	ug/l #	79
68) m/p-Xylenes	11.62	106	81798	3.830	ug/l	98
69) o-Xylene	11.95	106	41741	1.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	40362	1.029	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	167484	4.190	ug/l	100
95) Naphthalene	15.13	128	38788	3.372	ug/l	100

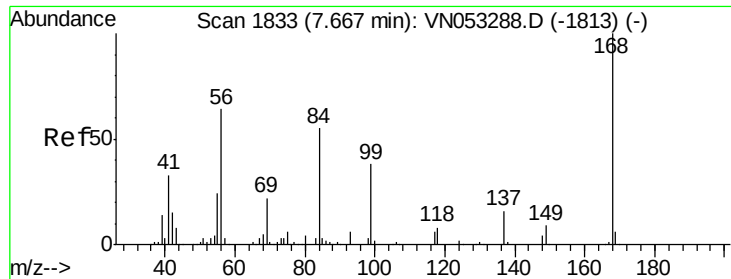
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011019\
Data File : VN053345.D
Acq On : 10 Jan 2019 16:48
Operator : MD\SY
Sample : K1100-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM-C

Quant Time: Jan 11 06:33:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

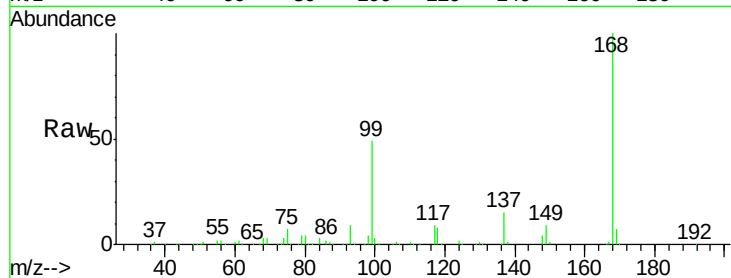
SOIL-DRUM-C

Tot Ion:168 Resp: 1033150

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

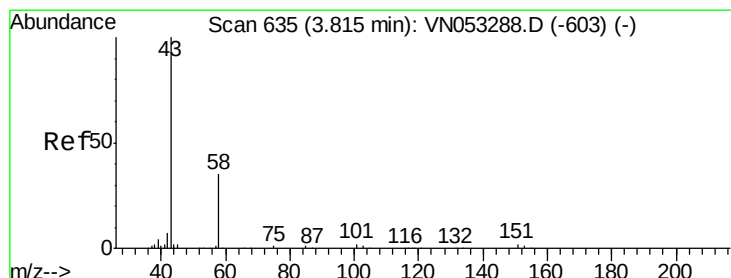
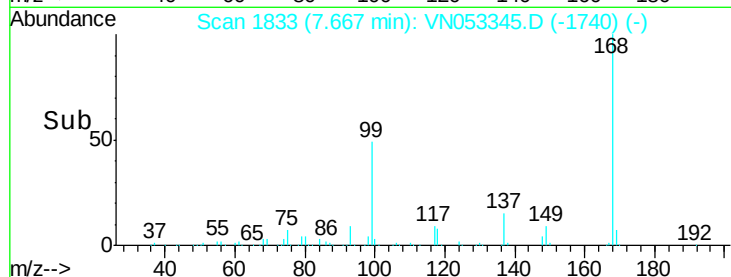
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.271 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053345.D

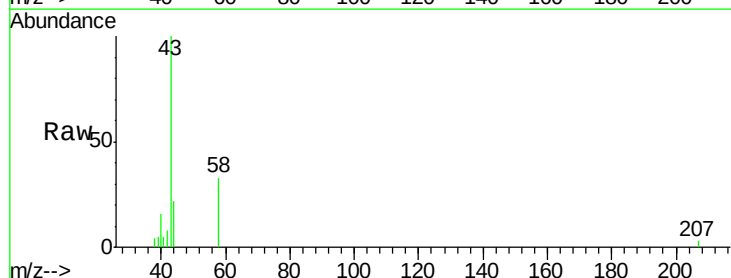
Acq: 10 Jan 2019 16:48

Tgt Ion: 43 Resp: 16733

Ion Ratio Lower Upper

43 100

58 33.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

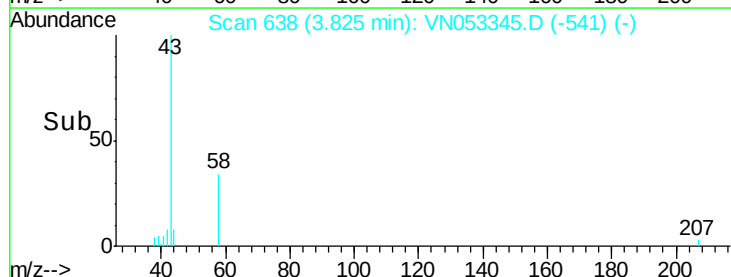
6000

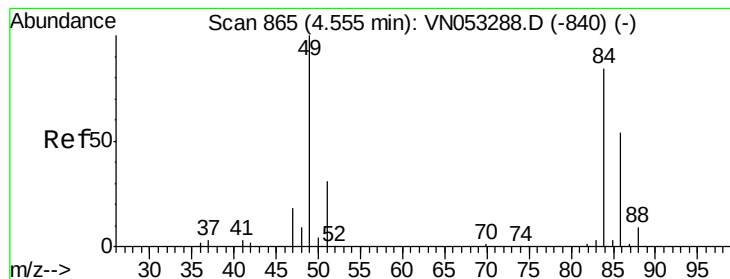
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 32.287 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampled :

SOIL-DRUM-C

Tot Ion: 84 Resp: 372733

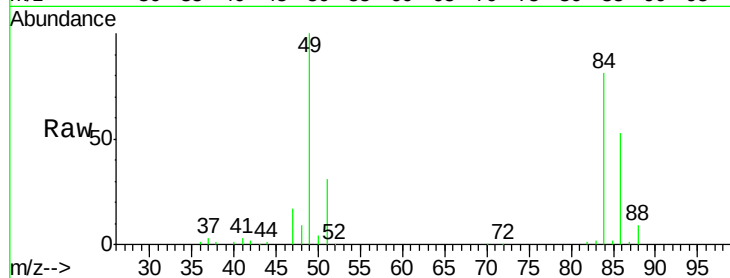
Ion Ratio Lower Upper

84 100

49 123.0 95.3 142.9

51 38.4 29.0 43.6

86 64.8 51.7 77.5

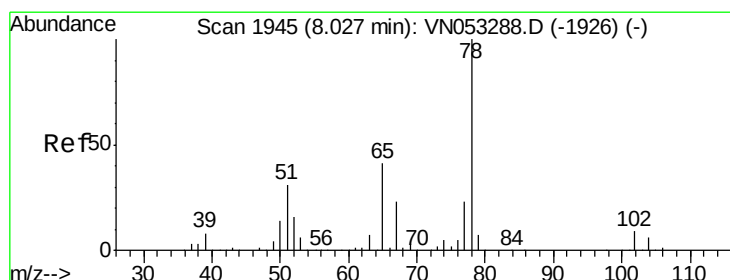
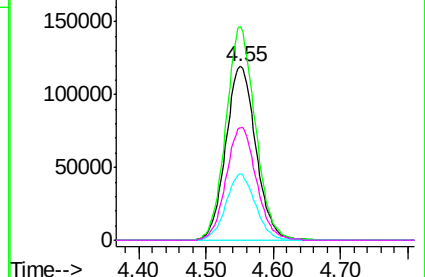
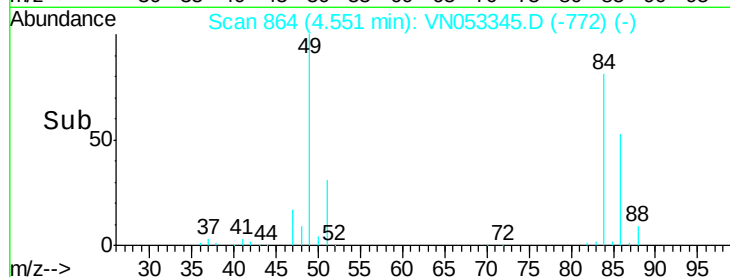


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053345.D

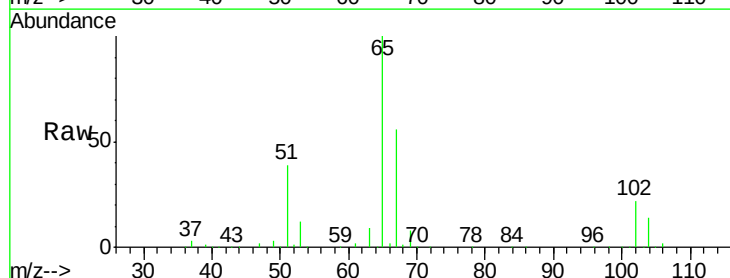
Acq: 10 Jan 2019 16:48

Tgt Ion: 65 Resp: 514360

Ion Ratio Lower Upper

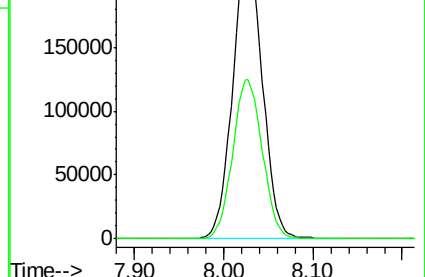
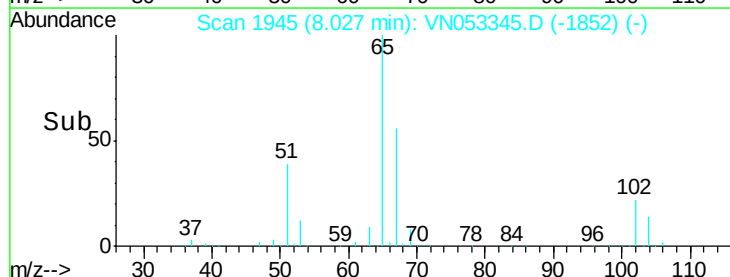
65 100

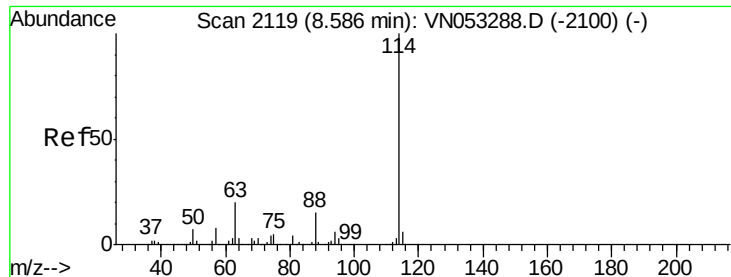
67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

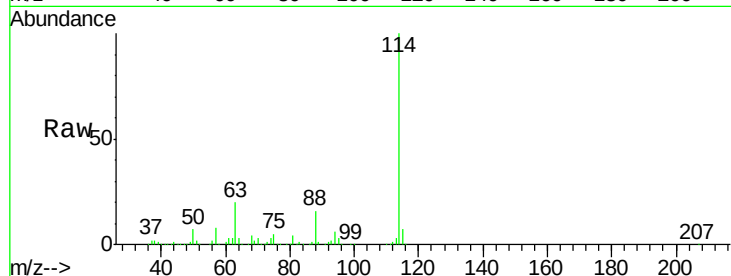




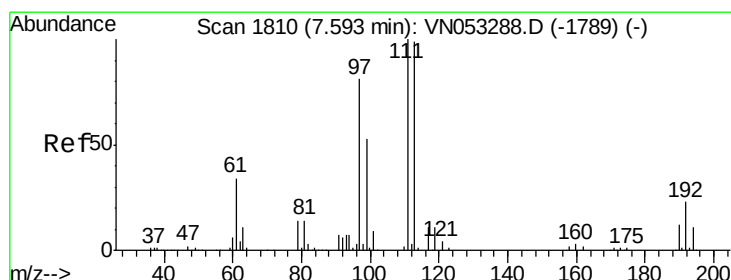
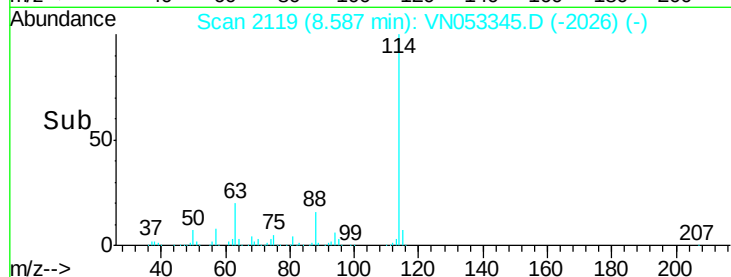
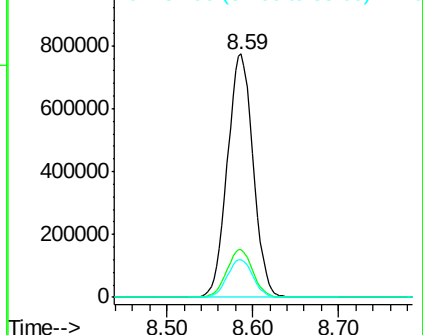
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053345.D
 Acq: 10 Jan 2019 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-C

Tot Ion:114 Resp: 1607852
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.6 0.0 30.8

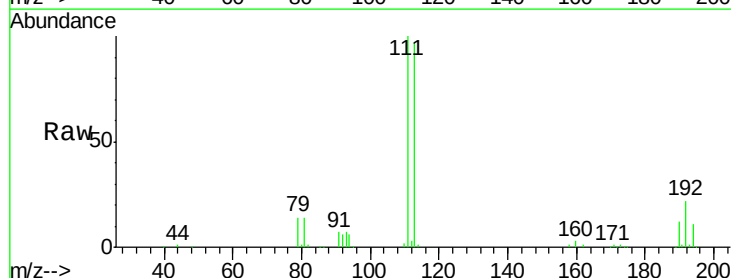


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

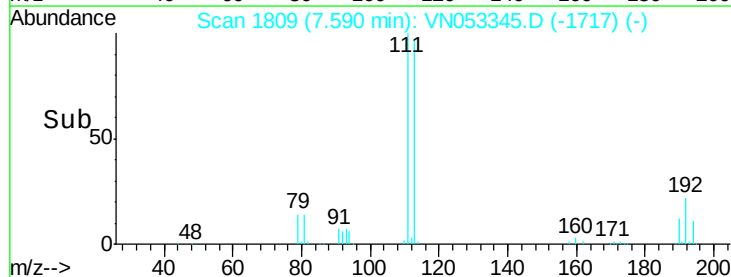
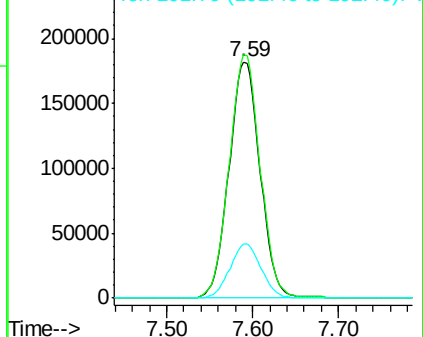


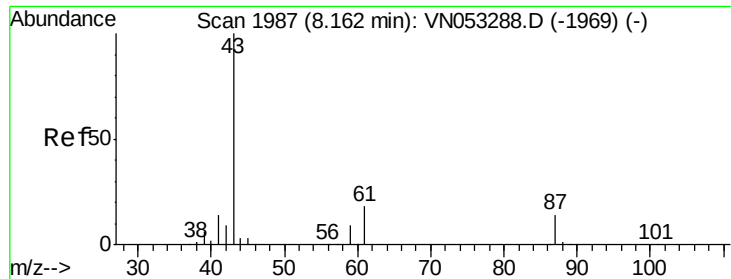
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053345.D
 Acq: 10 Jan 2019 16:48

Tgt Ion:113 Resp: 457444
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 23.0 17.9 26.9



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: 2.568 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-C

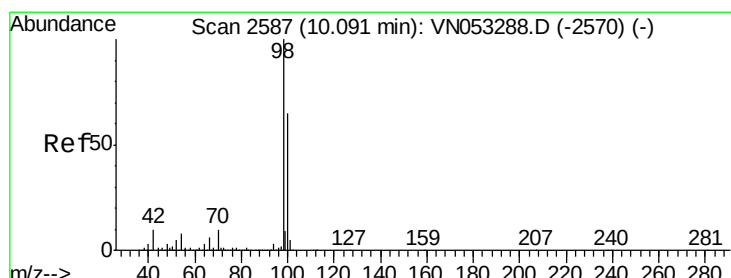
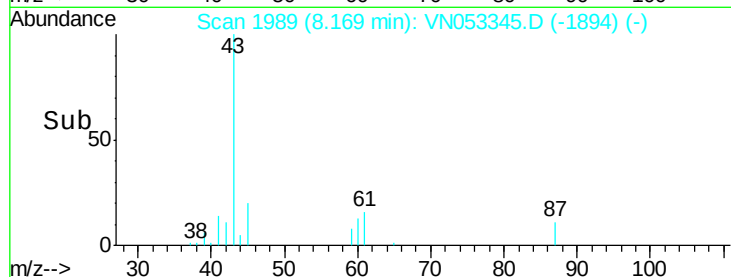
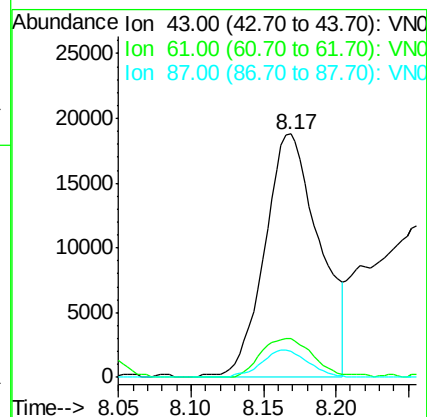
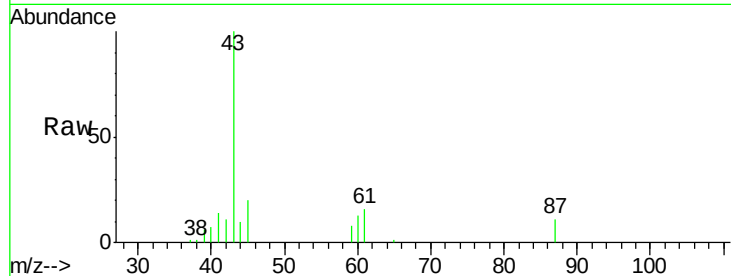
Tot Ion: 43 Resp: 49401

Ion Ratio Lower Upper

43 100

61 15.1 23.3 34.9#

87 9.6 10.8 16.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053345.D

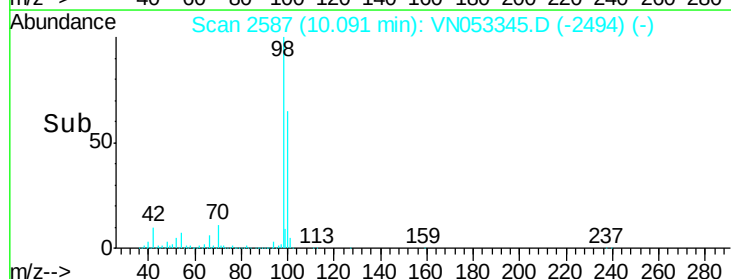
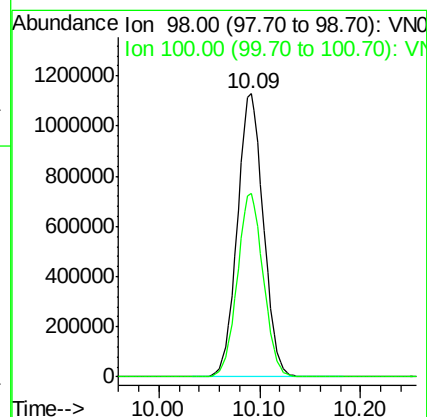
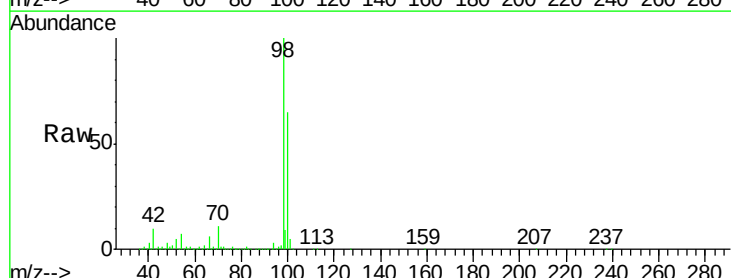
Acq: 10 Jan 2019 16:48

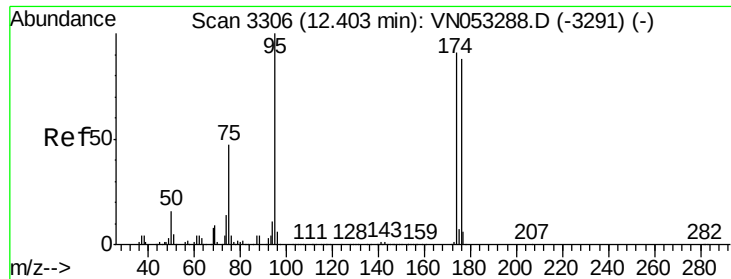
Tgt Ion: 98 Resp: 2022557

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-C

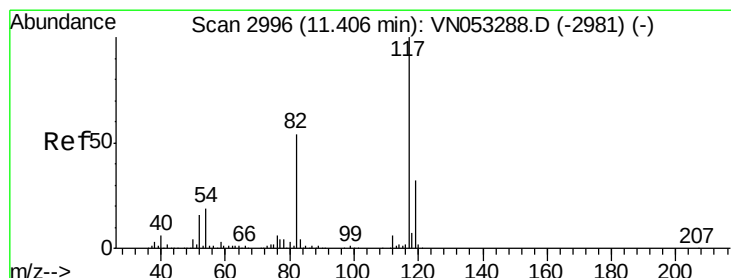
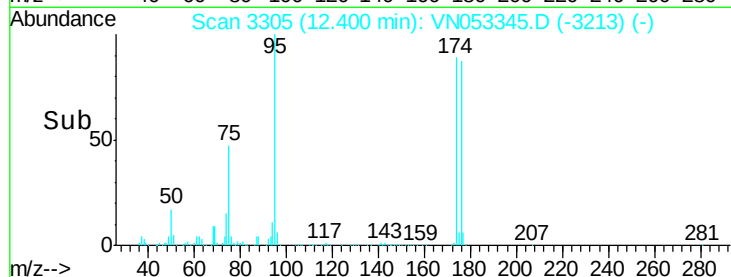
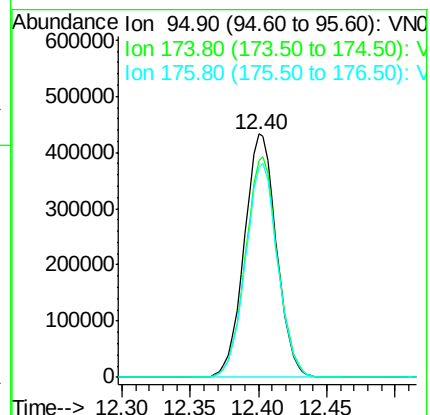
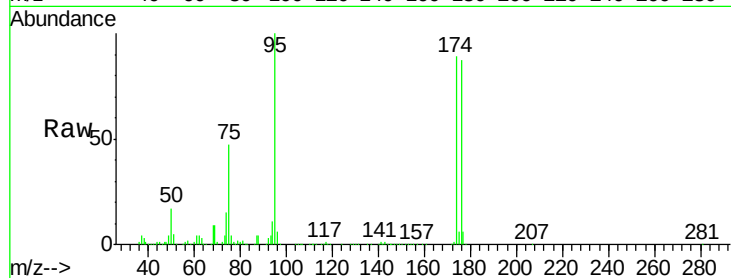
Tot Ion: 95 Resp: 707386

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.4

176 87.9 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

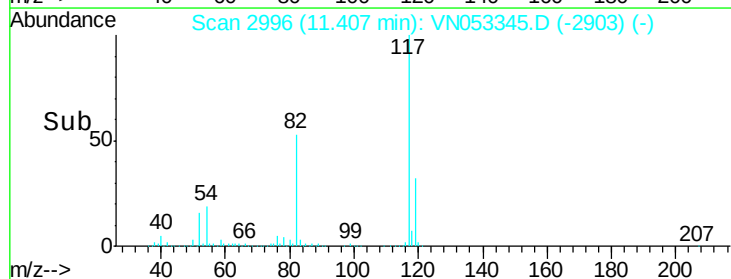
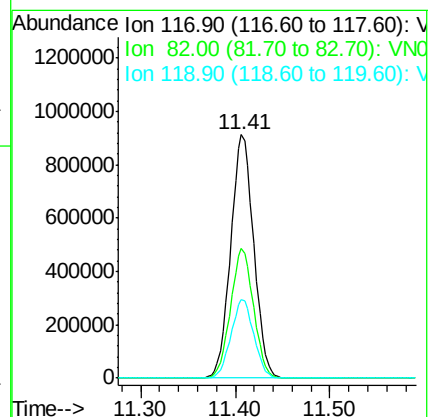
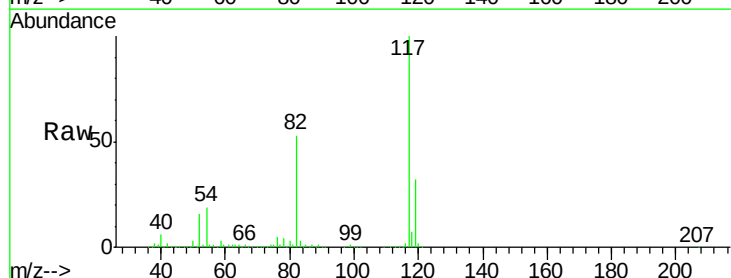
Tgt Ion: 117 Resp: 1538813

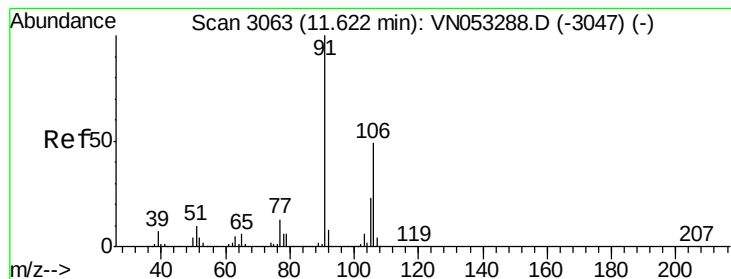
Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.1 25.6 38.4





#68

m/p-Xylenes

Concen: 3.830 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampled :

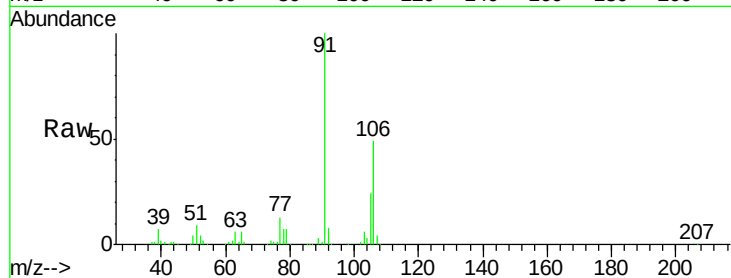
SOIL-DRUM-C

Tot Ion:106 Resp: 81798

Ion Ratio Lower Upper

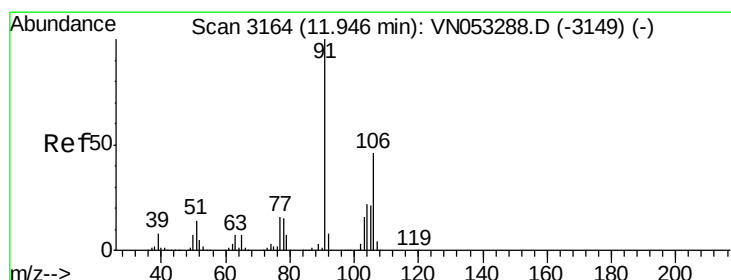
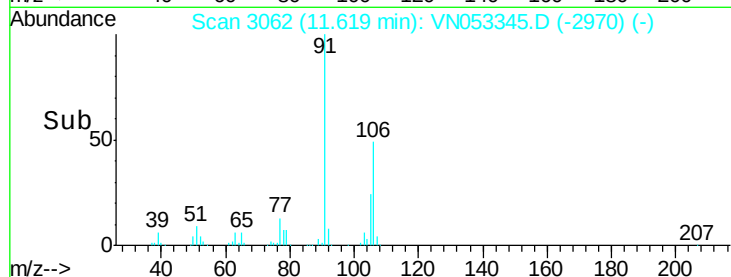
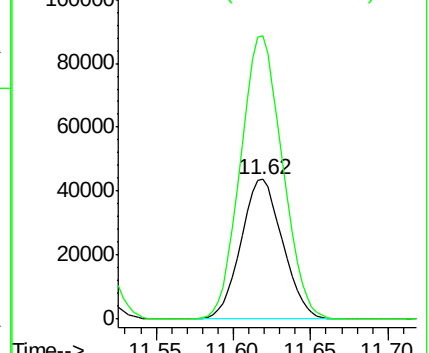
106 100

91 204.6 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.996 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053345.D

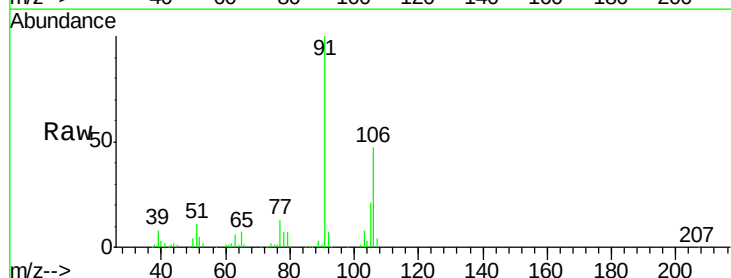
Acq: 10 Jan 2019 16:48

Tgt Ion:106 Resp: 41741

Ion Ratio Lower Upper

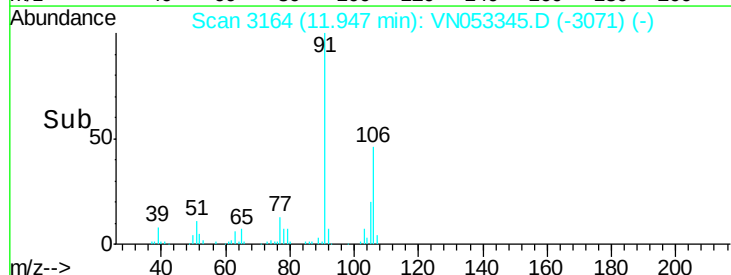
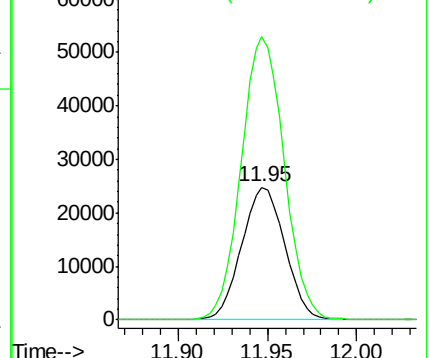
106 100

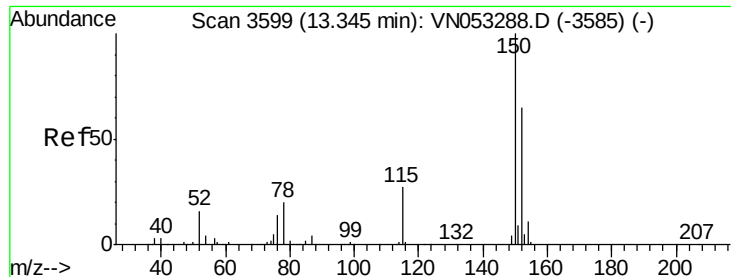
91 212.6 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-C

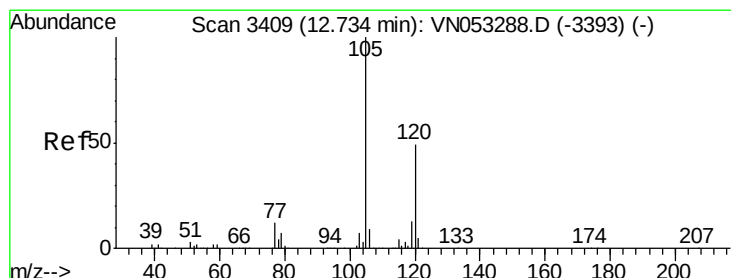
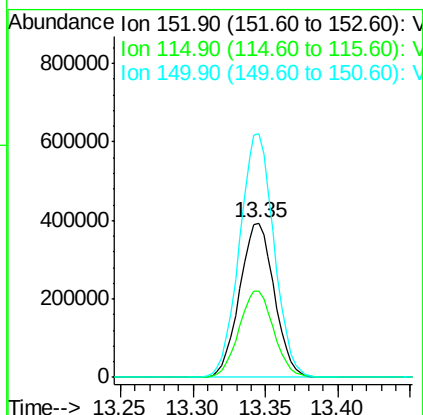
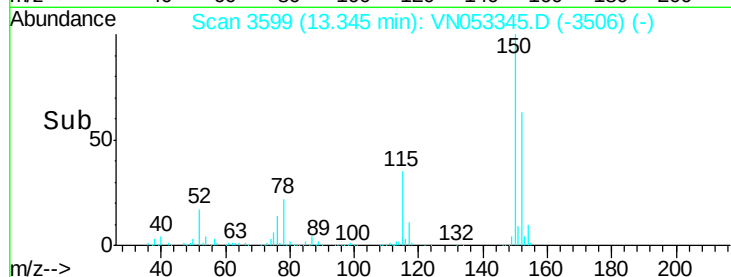
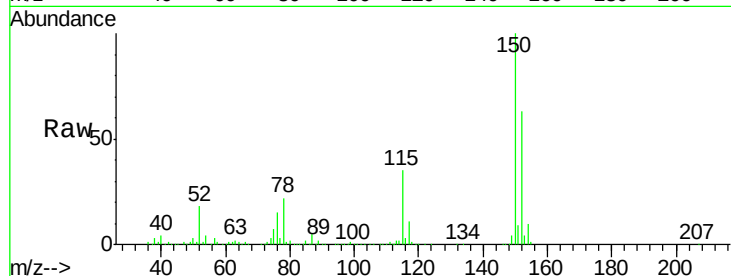
Tot Ion:152 Resp: 654214

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 156.7 0.0 346.6



#80

1,3,5-Trimethylbenzene

Concen: 1.029 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053345.D

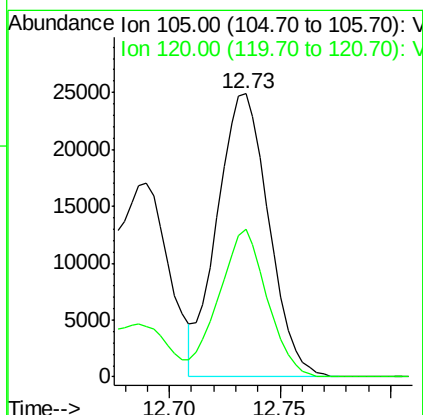
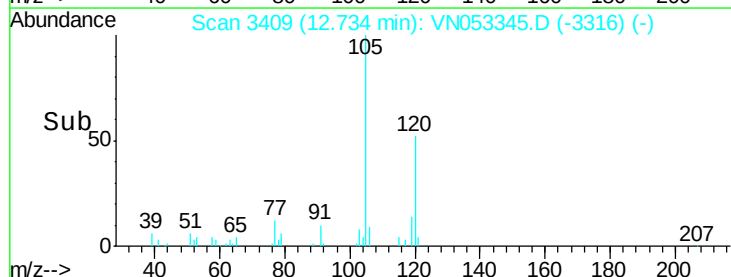
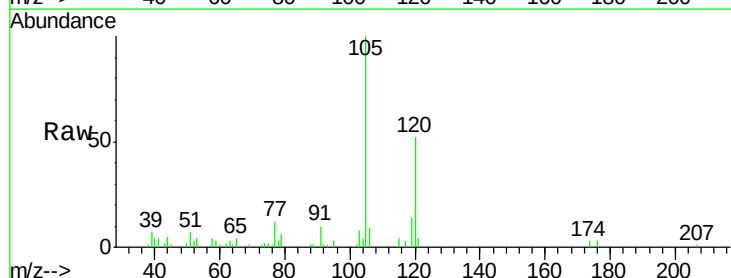
Acq: 10 Jan 2019 16:48

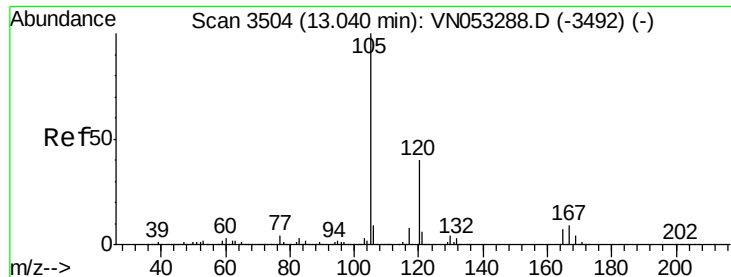
Tgt Ion:105 Resp: 40362

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 4.190 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_N

ClientSampleId :

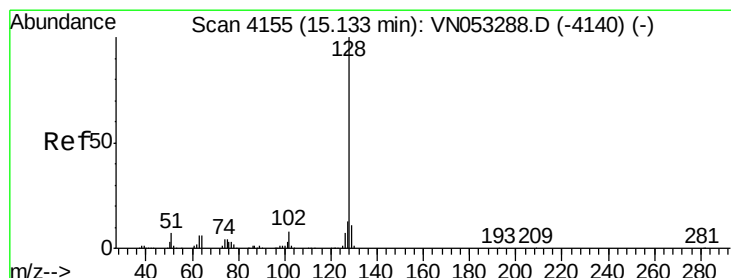
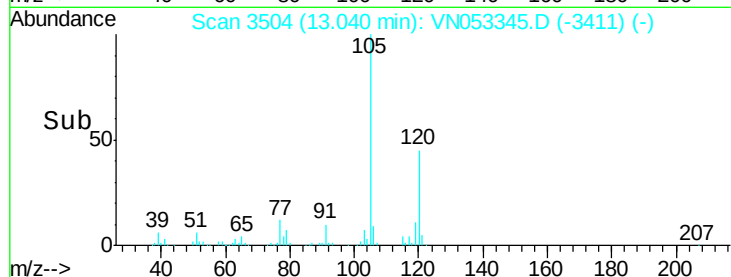
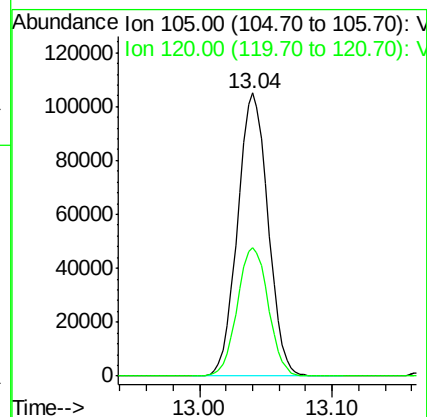
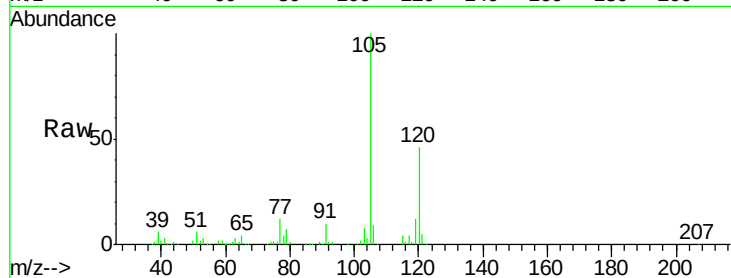
SOIL-DRUM-C

Tot Ion:105 Resp: 167484

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0



#95

Naphthalene

Concen: 3.372 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053345.D

Acq: 10 Jan 2019 16:48

Tgt Ion:128 Resp: 38788

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.7 13.1

