

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053343.D
 Acq On : 10 Jan 2019 15:54
 Operator : MD\SY
 Sample : K1100-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-B

Quant Time: Jan 11 06:29:12 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

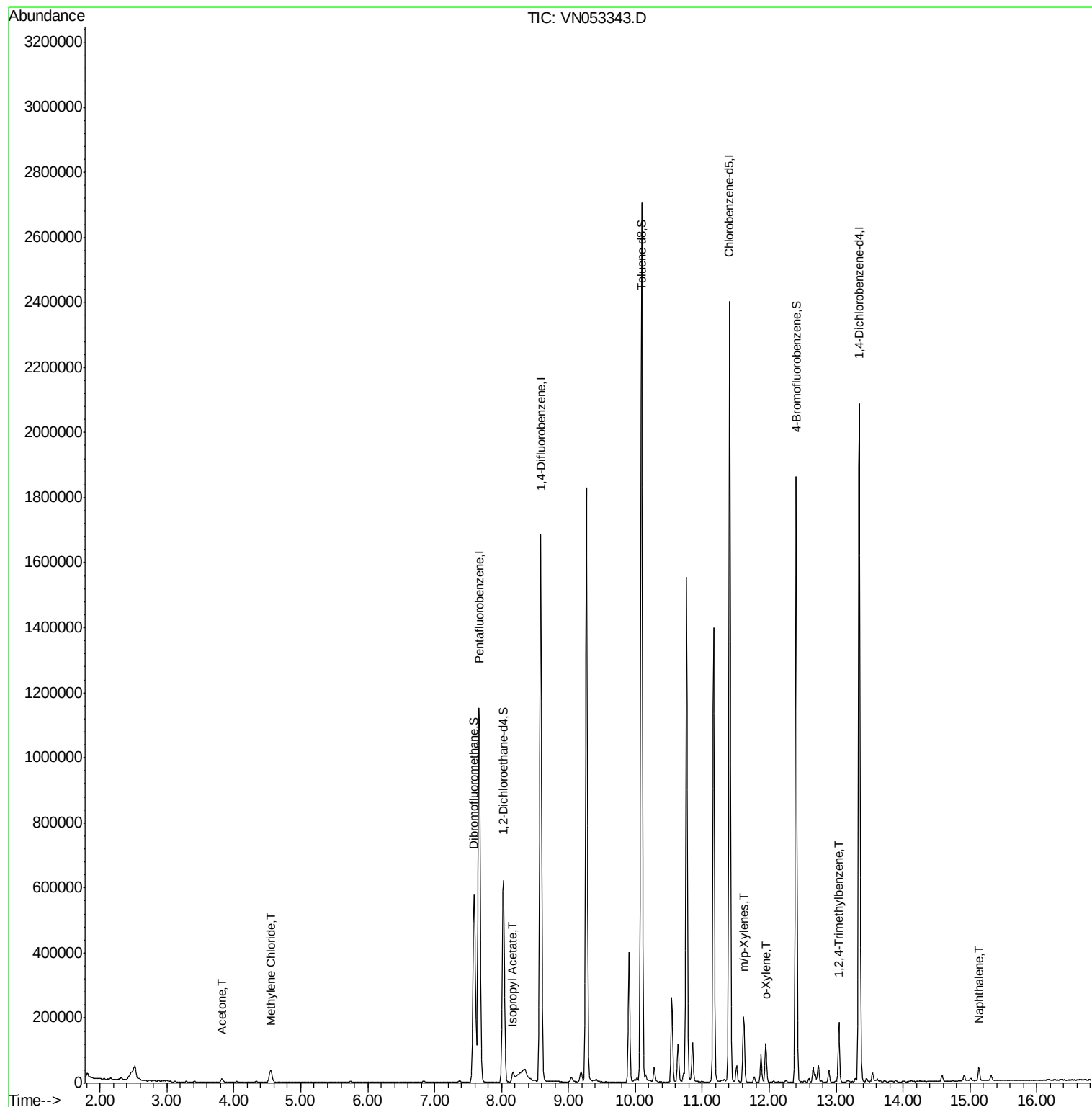
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1016529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1575685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1444805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	512114	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	7.59	113	449546	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.09	98	1940225	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	648156	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
16) Acetone	3.82	43	18523	5.088	ug/l	97
20) Methylene Chloride	4.55	84	29916	2.634	ug/l	96
43) Isopropyl Acetate	8.17	43	42284	2.243	ug/l #	79
68) m/p-Xylenes	11.62	106	69160	3.449	ug/l	97
69) o-Xylene	11.95	106	32999	1.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	106023	2.868	ug/l	100
95) Naphthalene	15.13	128	35851	3.370	ug/l	99

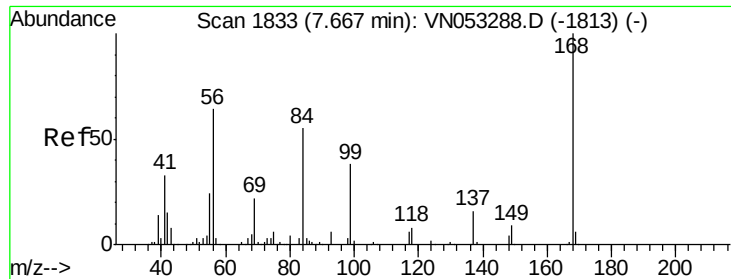
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
Data File : VN053343.D
Acq On : 10 Jan 2019 15:54
Operator : MD\SY
Sample : K1100-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM-B

Quant Time: Jan 11 06:29:12 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053343.D

Acq: 10 Jan 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

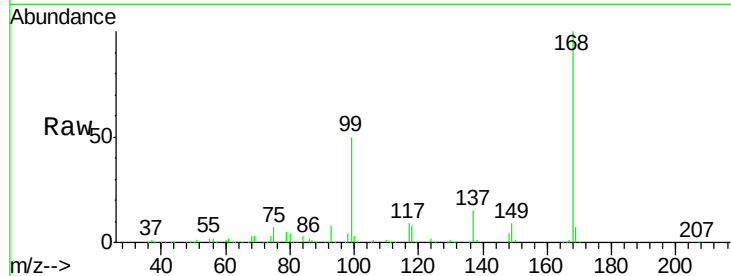
SOIL-DRUM-B

Tot Ion:168 Resp: 1016529

Ion Ratio Lower Upper

168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.66

400000

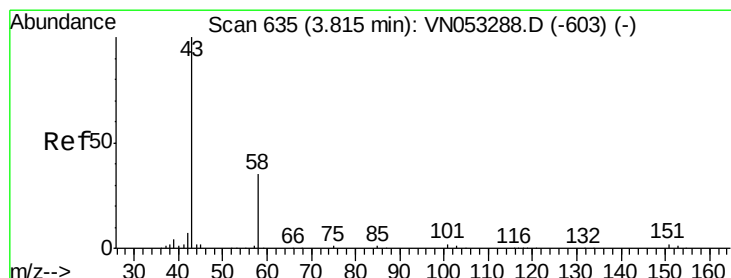
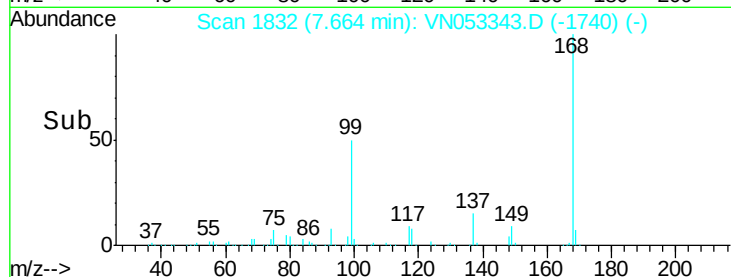
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.088 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053343.D

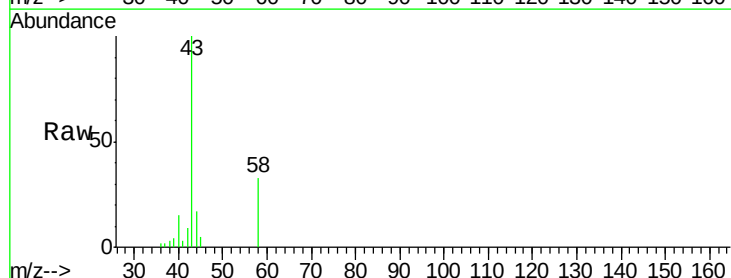
Acq: 10 Jan 2019 15:54

Tgt Ion: 43 Resp: 18523

Ion Ratio Lower Upper

43 100

58 32.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.82

8000

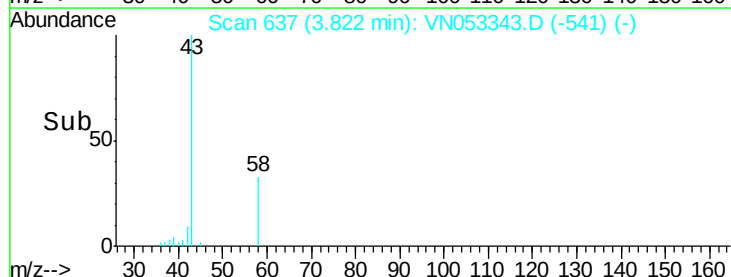
6000

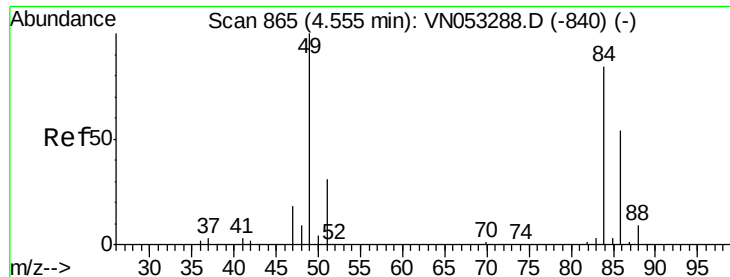
4000

2000

0

Time-->

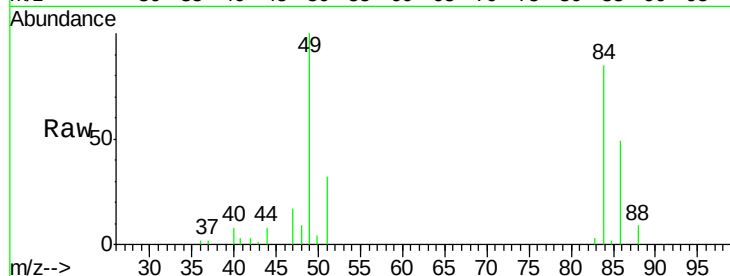




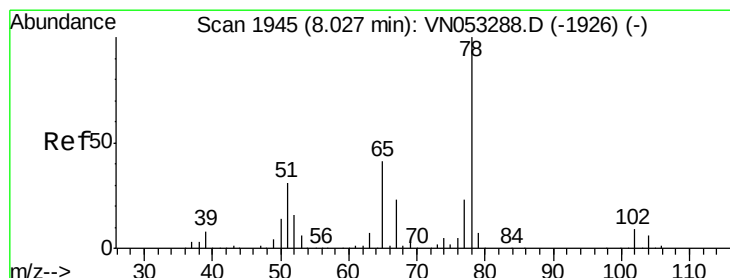
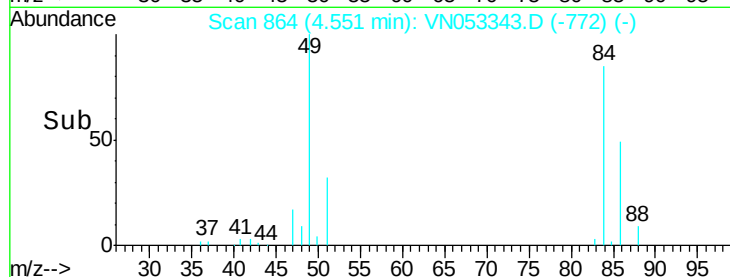
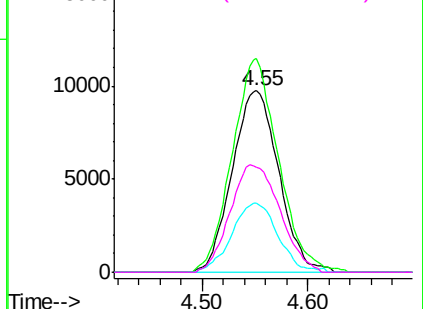
#20
Methylene Chloride
Concen: 2.634 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053343.D
Acq: 10 Jan 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM-B

Tot Ion: 84 Resp: 29916
Ion Ratio Lower Upper
84 100
49 117.5 95.3 142.9
51 38.1 29.0 43.6
86 57.7 51.7 77.5

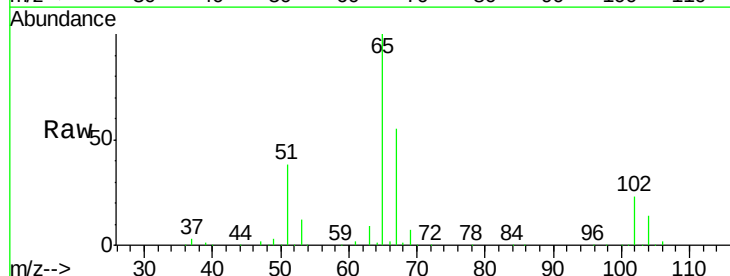


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

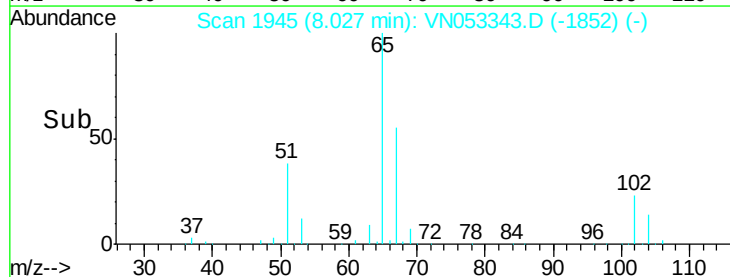
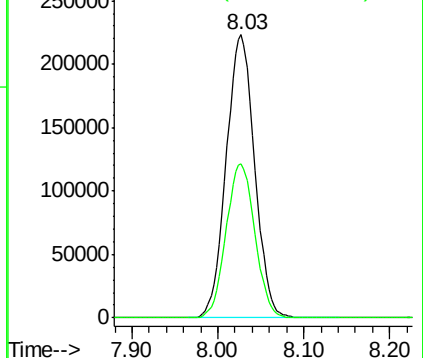


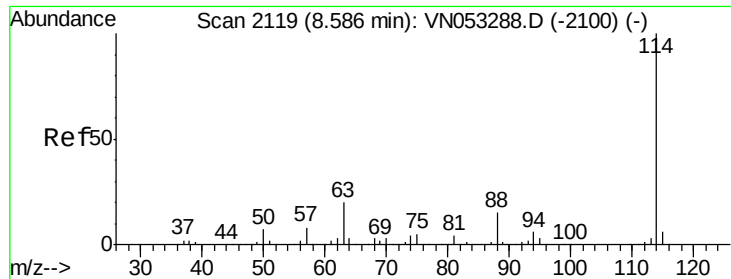
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053343.D
Acq: 10 Jan 2019 15:54

Tgt Ion: 65 Resp: 512114
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

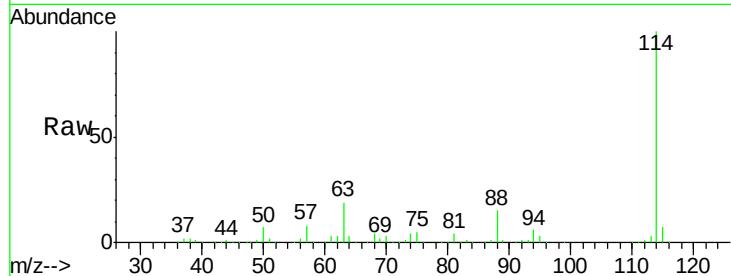




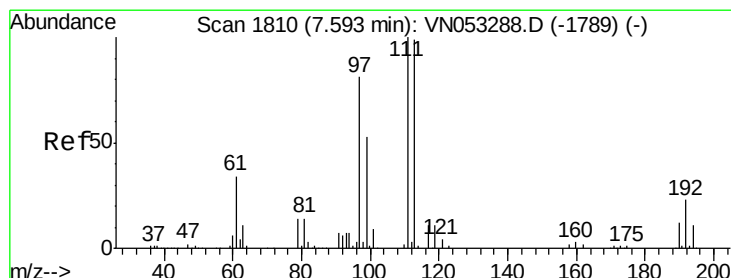
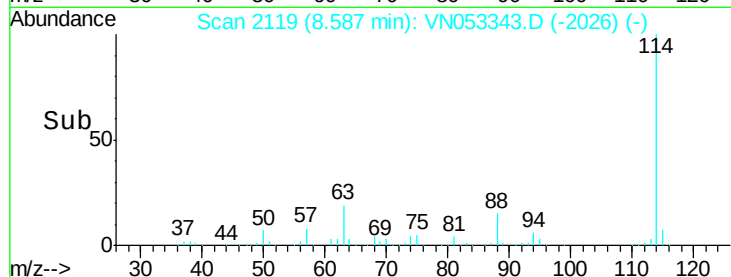
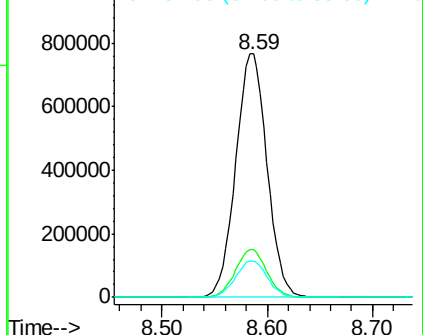
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053343.D
 Acq: 10 Jan 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-B

Tot Ion:114 Resp: 1575685
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.1 0.0 30.8

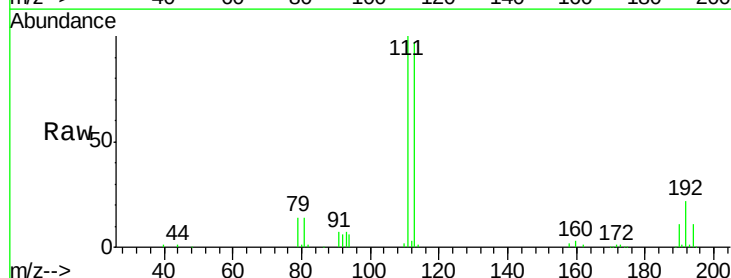


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

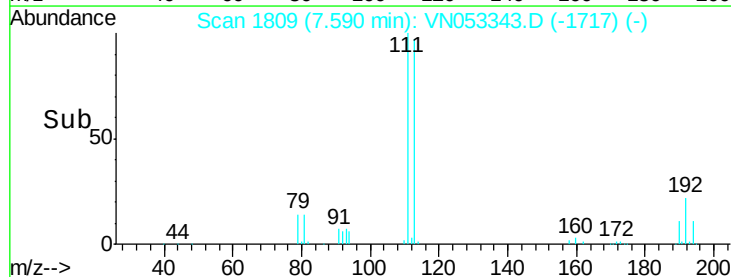
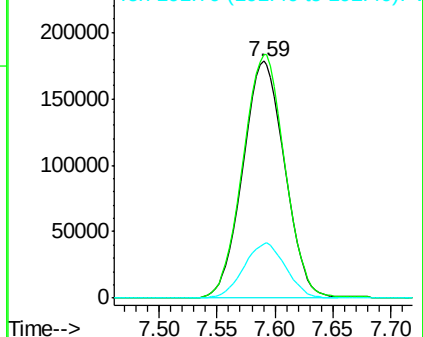


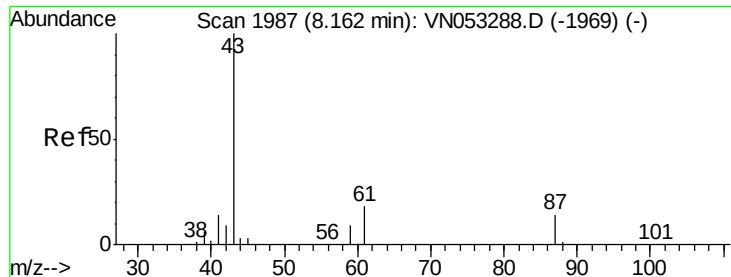
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053343.D
 Acq: 10 Jan 2019 15:54

Tgt Ion:113 Resp: 449546
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 23.1 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: 2.243 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053343.D

Acq: 10 Jan 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-B

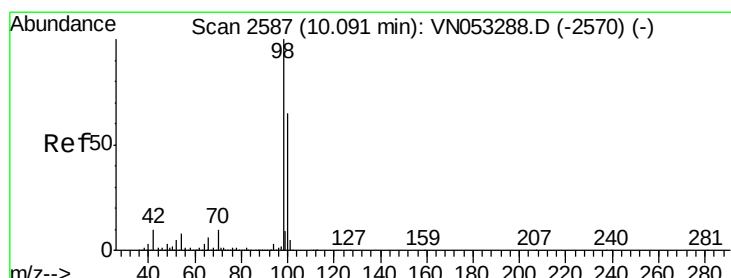
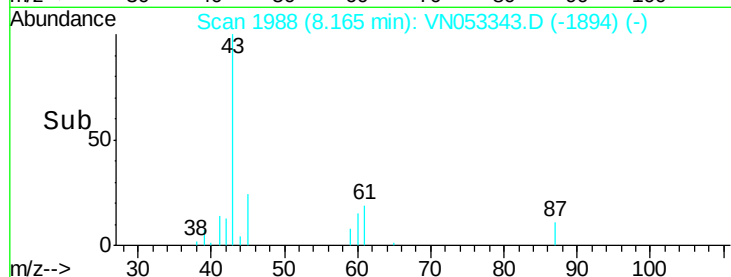
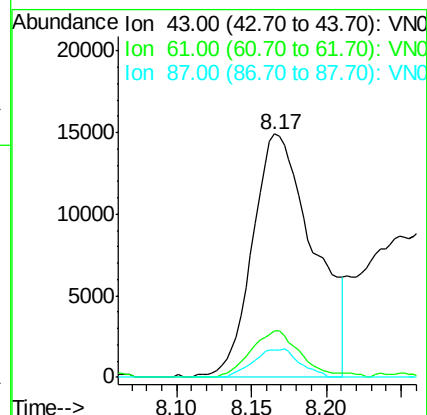
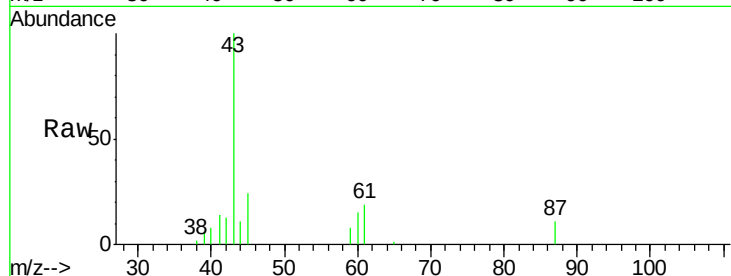
Tot Ion: 43 Resp: 42284

Ion Ratio Lower Upper

43 100

61 15.3 23.3 34.9#

87 8.7 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: VN053343.D

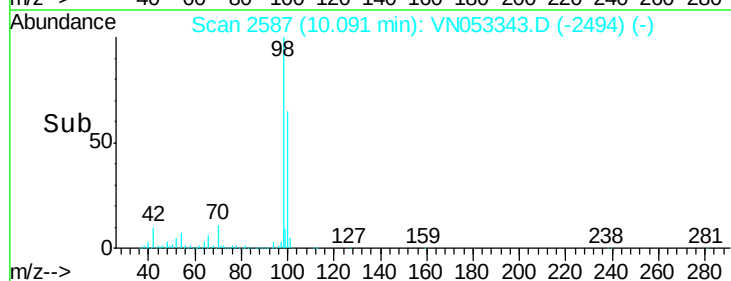
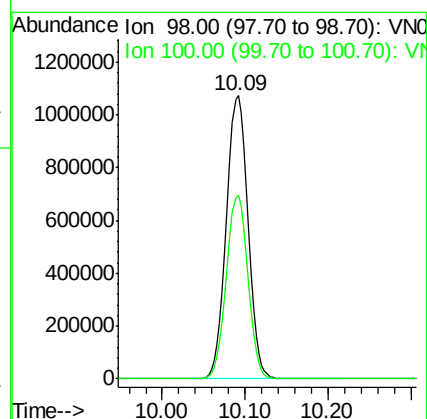
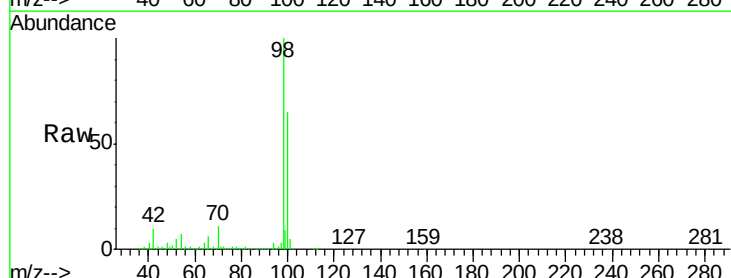
Acq: 10 Jan 2019 15:54

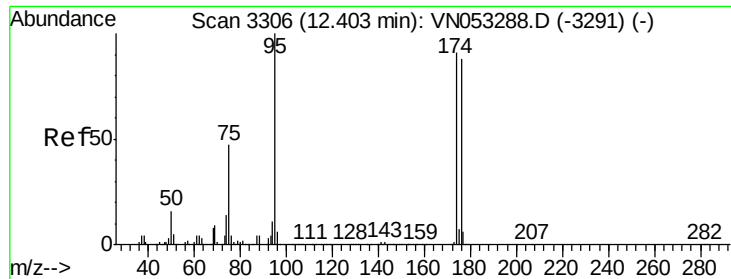
Tgt Ion: 98 Resp: 1940225

Ion Ratio Lower Upper

98 100

100 64.6 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: VN053343.D

Acq: 10 Jan 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-B

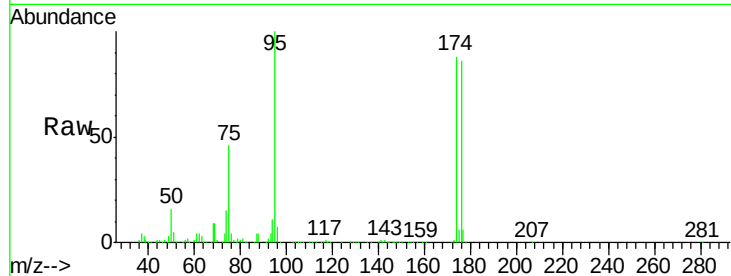
Tot Ion: 95 Resp: 648156

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

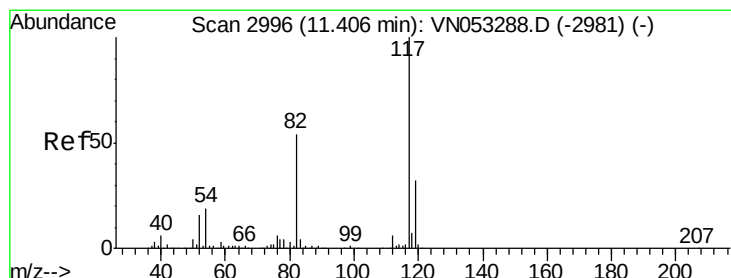
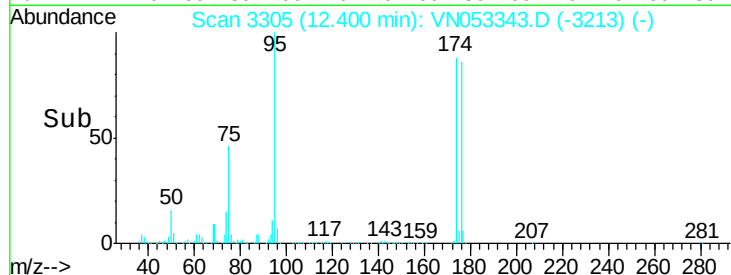
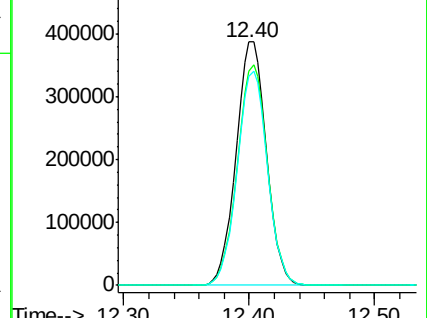
176 87.9 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053343.D

Acq: 10 Jan 2019 15:54

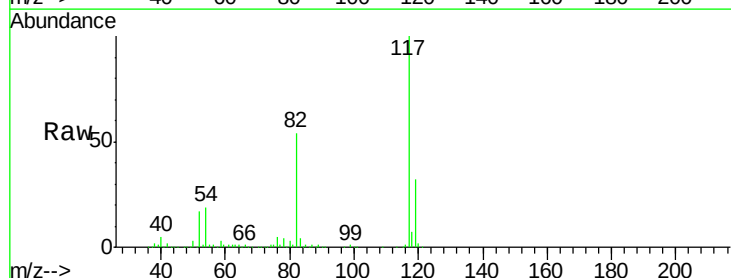
Tgt Ion: 117 Resp: 1444805

Ion Ratio Lower Upper

117 100

82 54.0 42.9 64.3

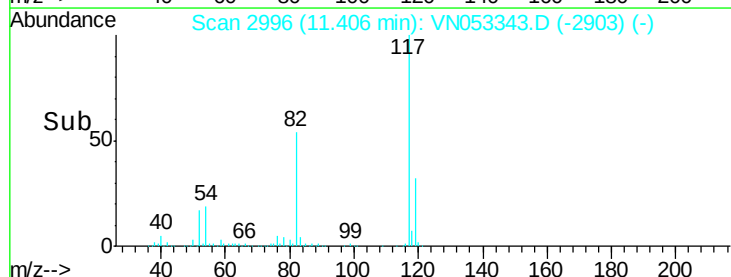
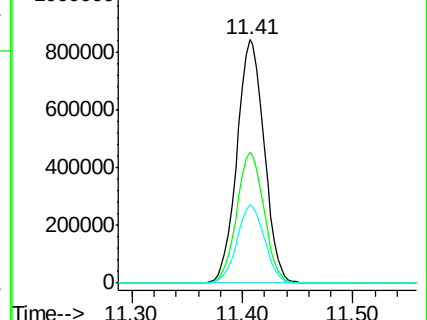
119 32.0 25.6 38.4

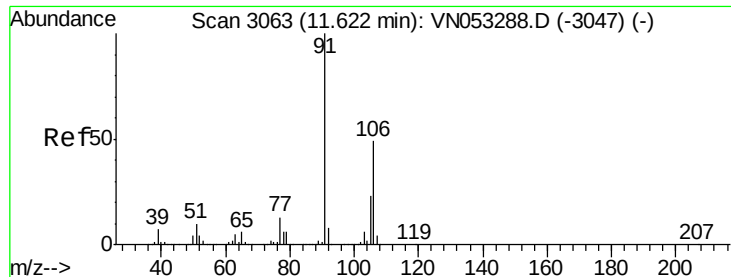


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





#68

m/p-Xylenes

Concen: 3.449 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053343.D

Acq: 10 Jan 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

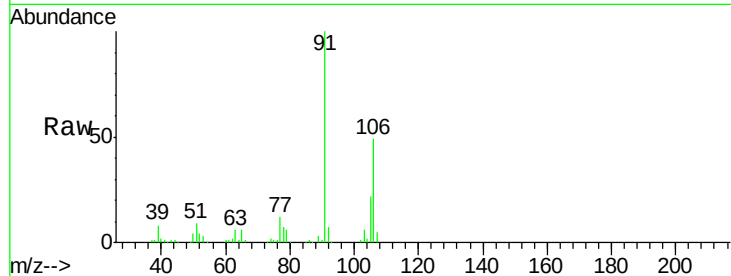
SOIL-DRUM-B

Tot Ion:106 Resp: 69160

Ion Ratio Lower Upper

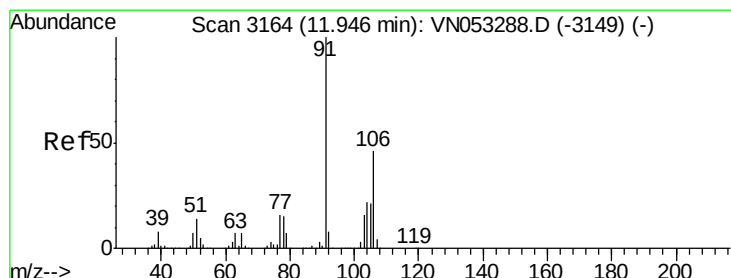
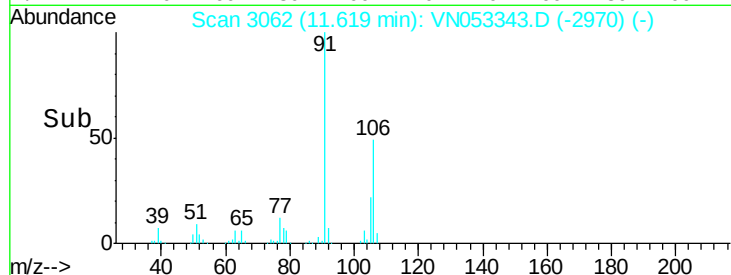
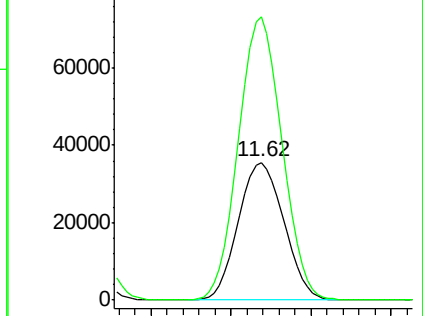
106 100

91 196.9 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.681 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053343.D

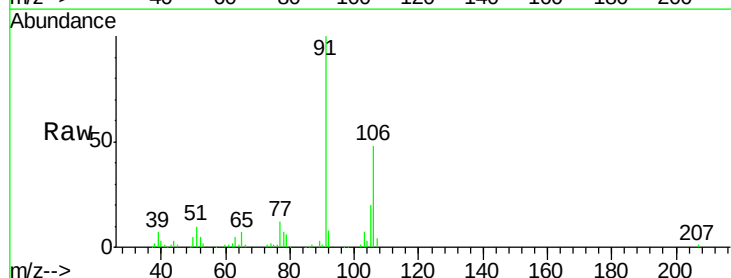
Acq: 10 Jan 2019 15:54

Tgt Ion:106 Resp: 32999

Ion Ratio Lower Upper

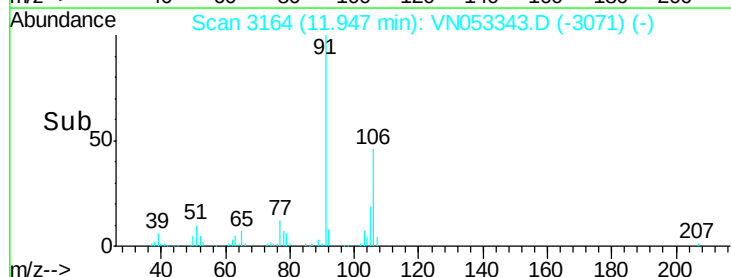
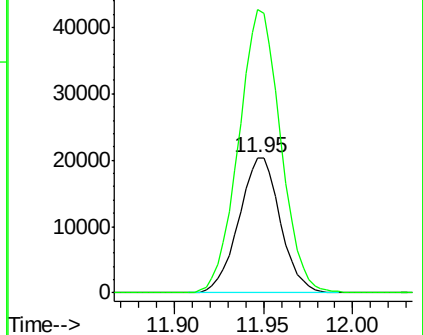
106 100

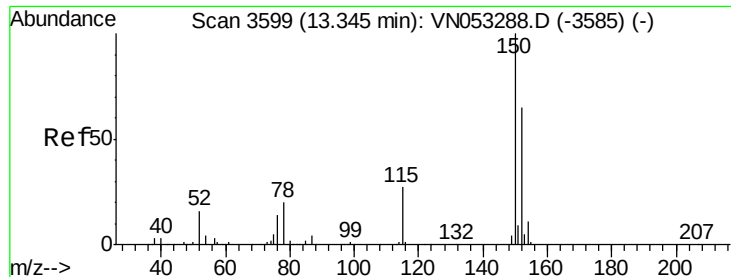
91 211.2 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

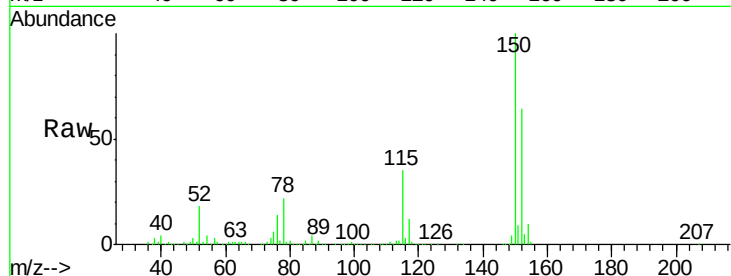




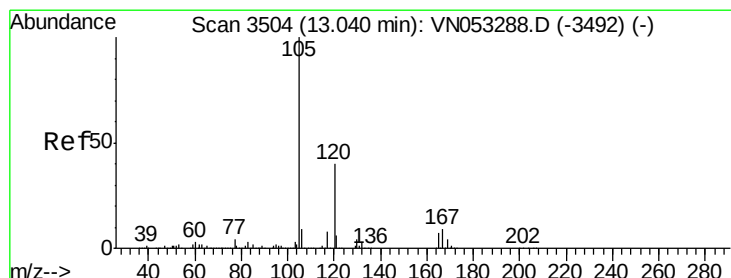
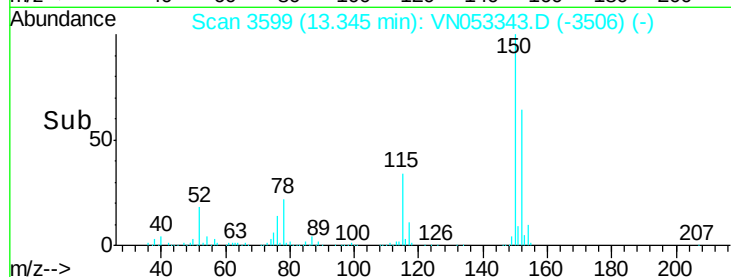
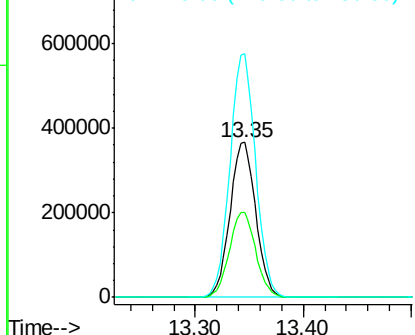
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053343.D
 Acq: 10 Jan 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-B

Tot Ion:152 Resp: 605134
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.0 84.0
 150 156.8 0.0 346.6

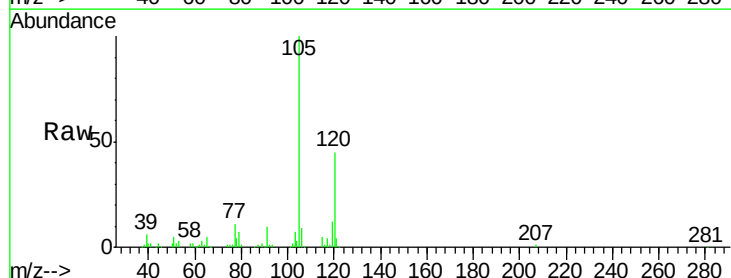


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

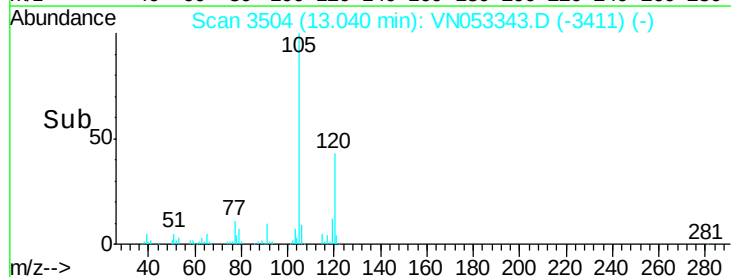
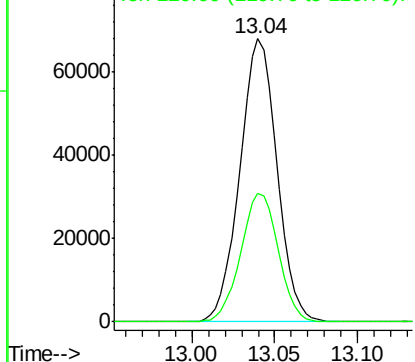


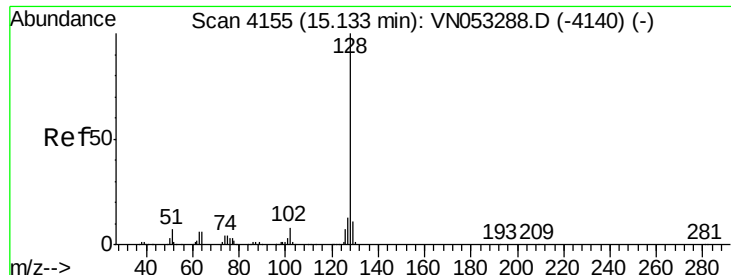
#84
 1,2,4-Trimethylbenzene
 Concen: 2.868 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053343.D
 Acq: 10 Jan 2019 15:54

Tgt Ion:105 Resp: 106023
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.370 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053343.D

Acq: 10 Jan 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-B

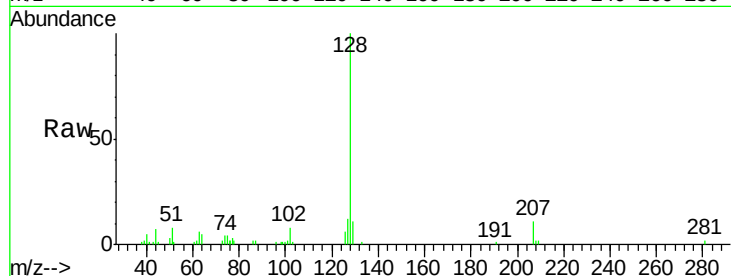
Tot Ion:128 Resp: 35851

Ion Ratio Lower Upper

128 100

127 12.0 10.4 15.6

129 11.0 8.7 13.1



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

