

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055183.D
 Acq On : 22 Apr 2019 16:02
 Operator : JC/SP
 Sample : K2510-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-A

Quant Time: Apr 23 06:22:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

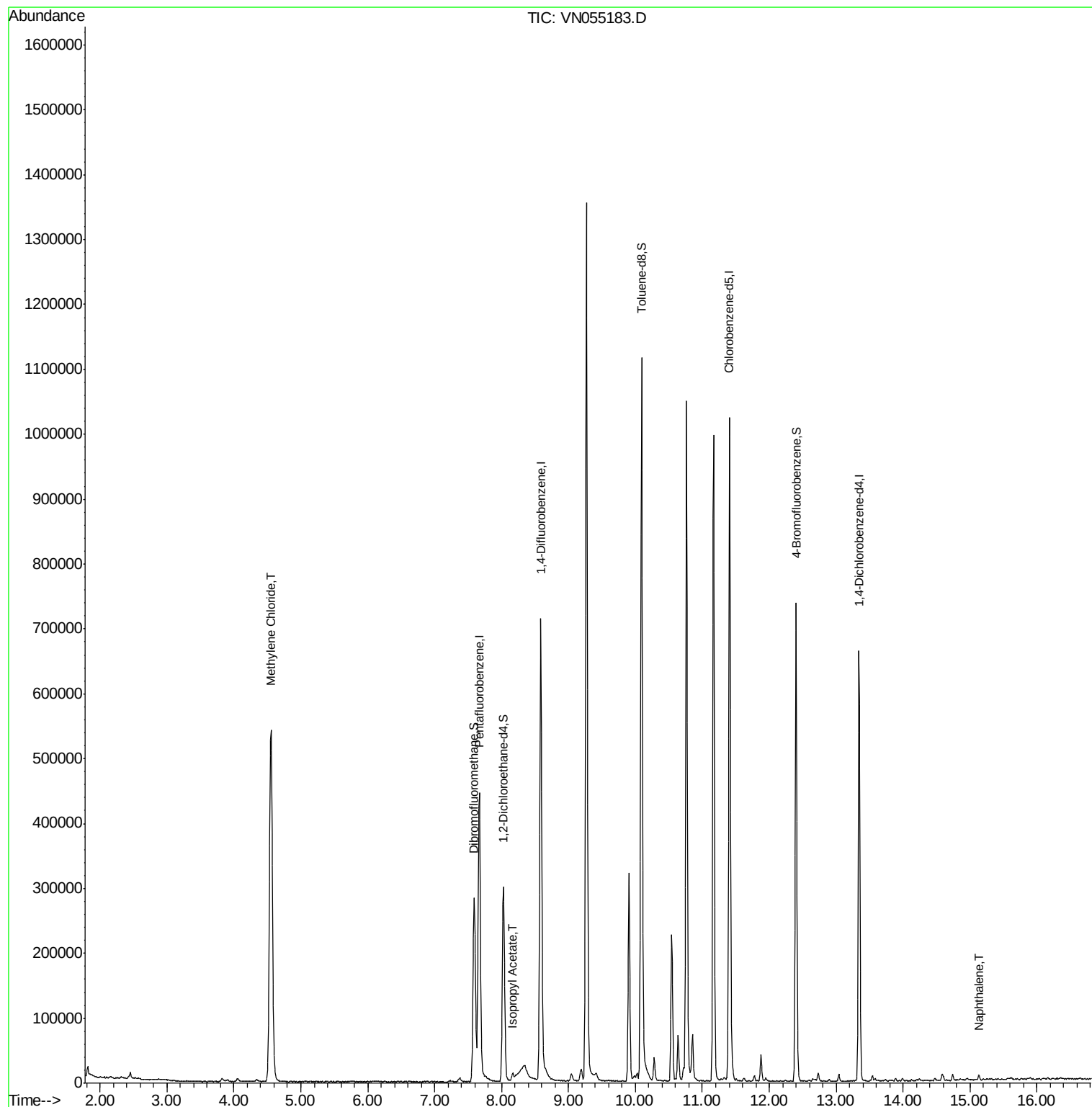
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	387277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	667671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	260040	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	216512	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	809121	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	246759	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
20) Methylene Chloride	4.55	84	388739	78.033	ug/l	99
43) Isopropyl Acetate	8.17	43	15944	1.969	ug/l #	90
95) Naphthalene	15.13	128	5895	4.356	ug/l #	94

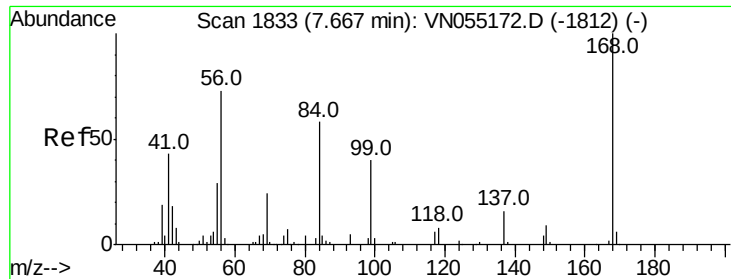
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
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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: VN055183.D

Acq: 22 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

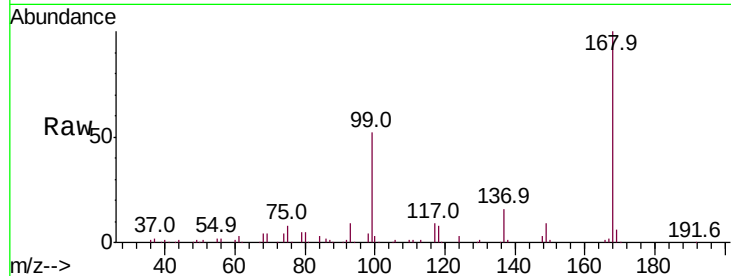
SOIL-PILE-A

Tot Ion:168 Resp: 387277

Ion Ratio Lower Upper

168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

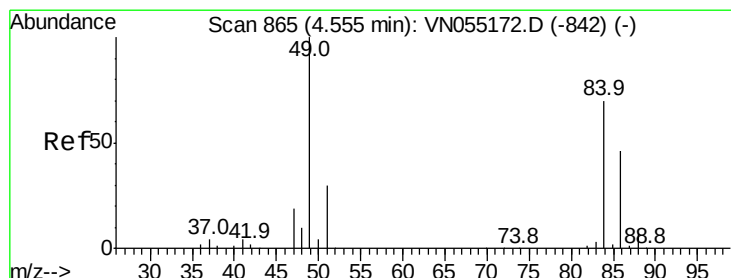
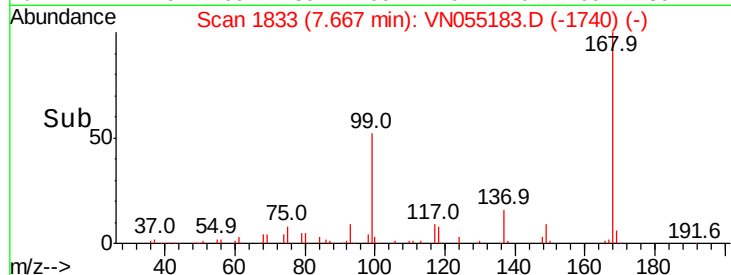
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 78.033 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

Tgt Ion: 84 Resp: 388739

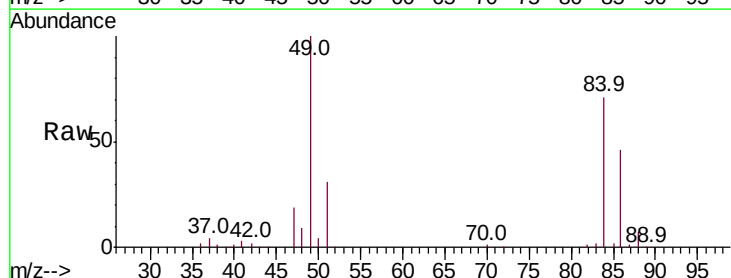
Ion Ratio Lower Upper

84 100

49 141.2 113.8 170.6

51 43.4 34.0 51.0

86 64.7 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

250000

200000

150000

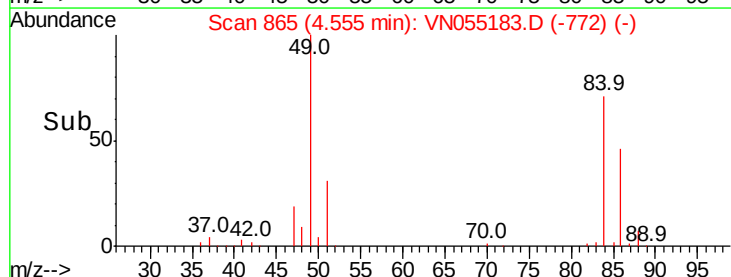
100000

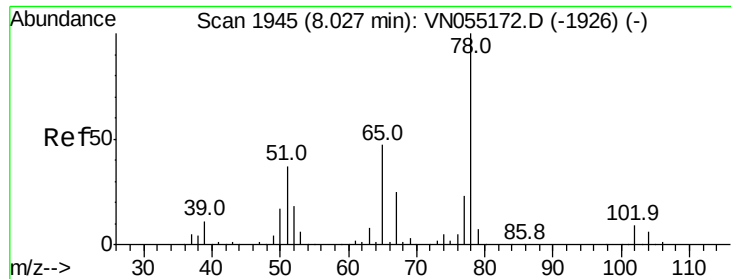
50000

0

4.40 4.50 4.60 4.70

Time-->

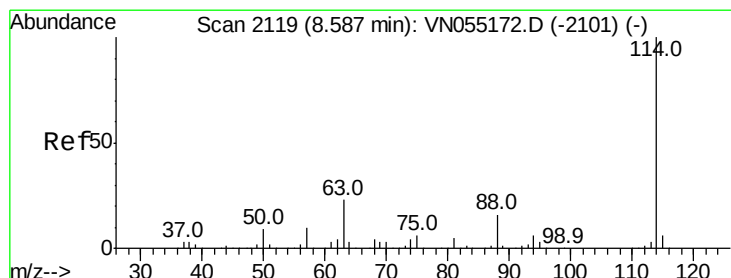
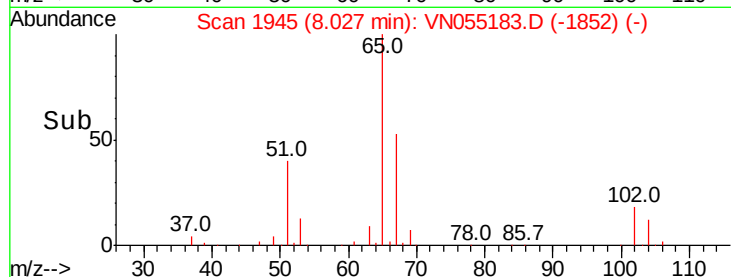
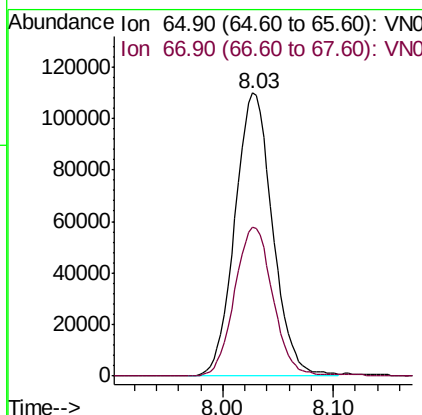
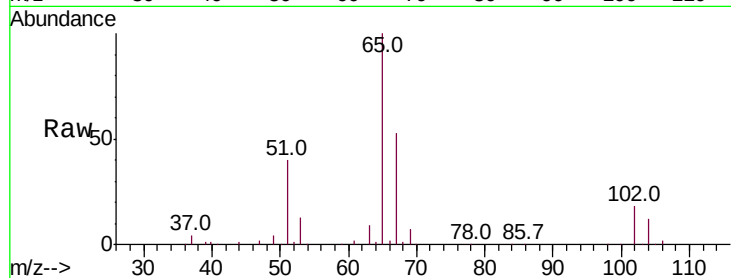




#33
 1,2-Dichloroethane-d4
 Concen: 49.608 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055183.D
 Acq: 22 Apr 2019 16:02

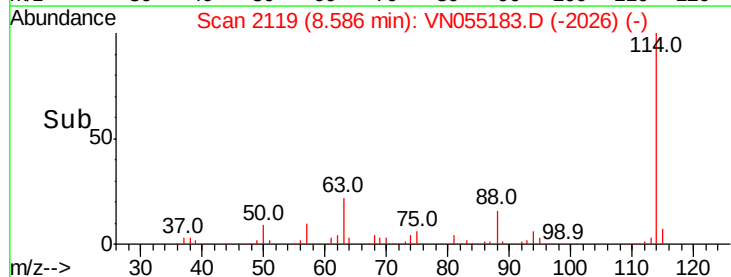
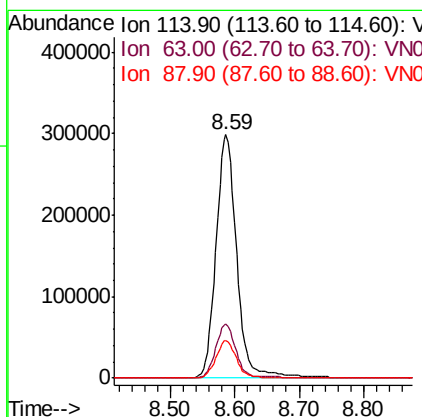
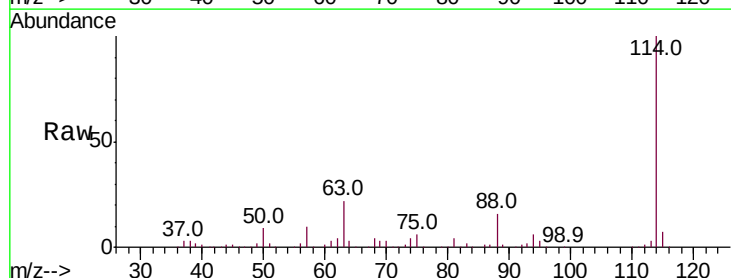
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-PILE-A

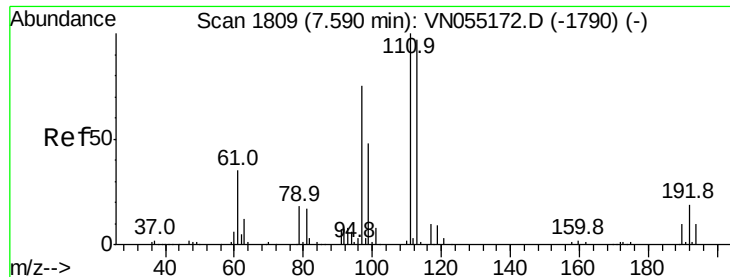
Tot Ion: 65 Resp: 260040
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055183.D
 Acq: 22 Apr 2019 16:02

Tgt Ion: 114 Resp: 667671
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.734 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampled :

SOIL-PILE-A

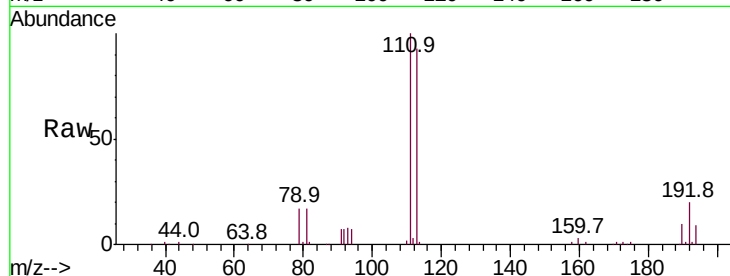
Tot Ion:113 Resp: 216512

Ion Ratio Lower Upper

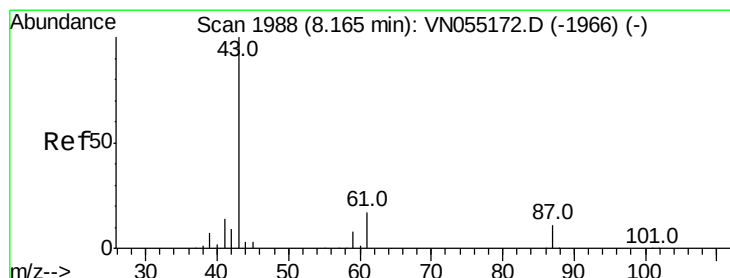
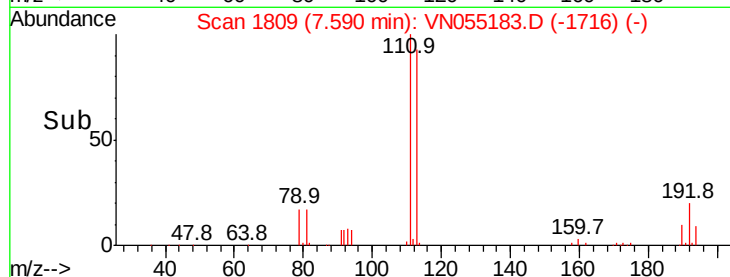
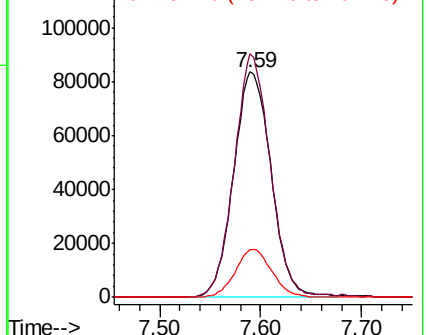
113 100

111 103.5 81.0 121.4

192 20.7 16.2 24.4



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: 1.969 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

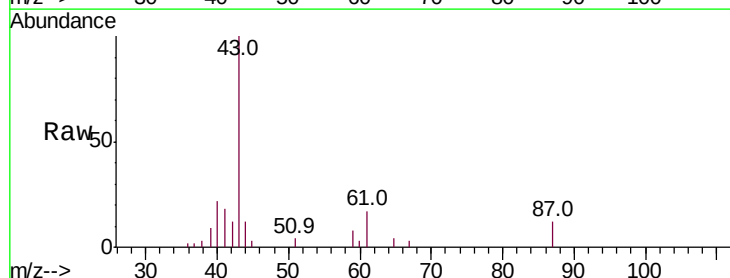
Tgt Ion: 43 Resp: 15944

Ion Ratio Lower Upper

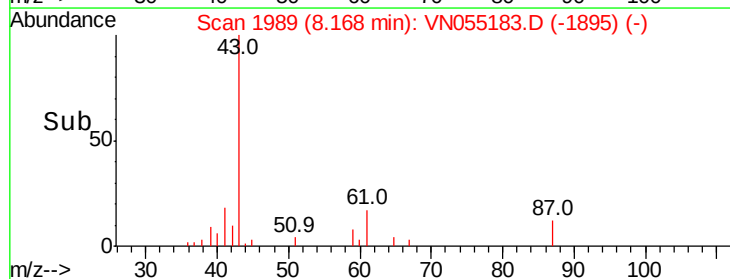
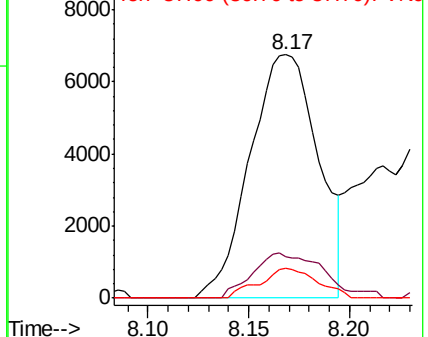
43 100

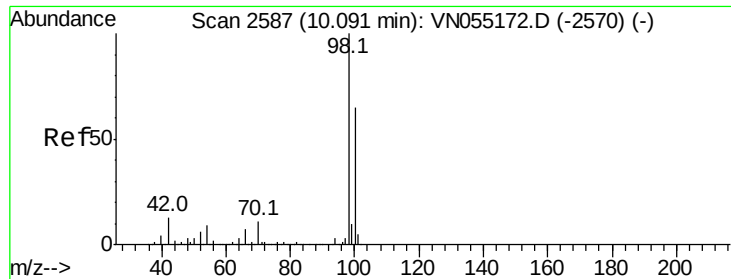
61 18.6 20.6 30.8#

87 10.3 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.145 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampled :

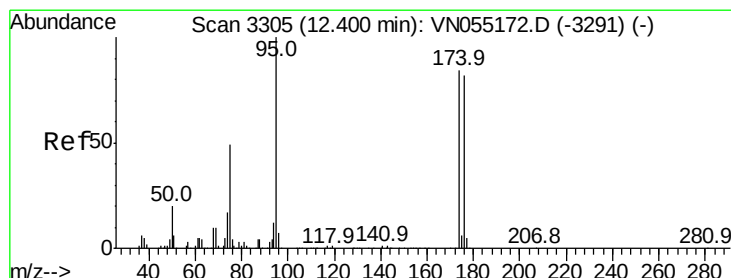
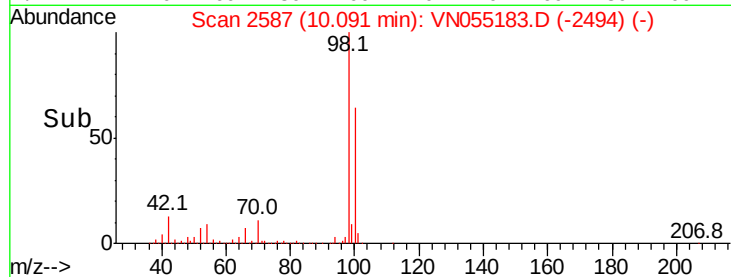
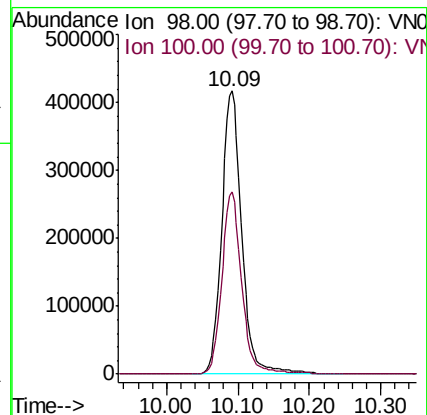
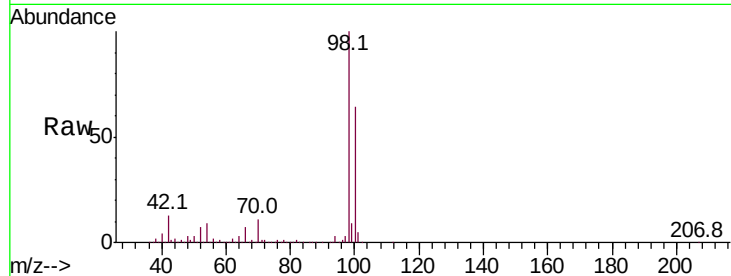
SOIL-PILE-A

Tot Ion: 98 Resp: 809121

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.366 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

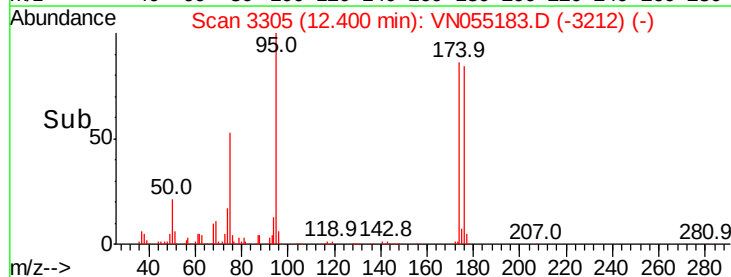
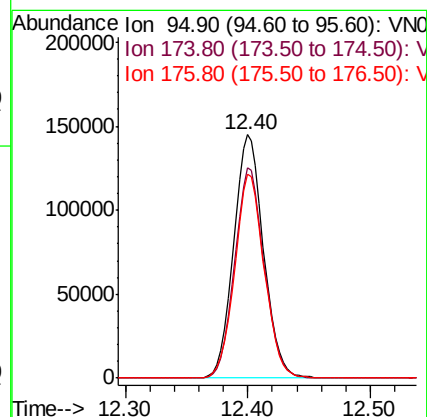
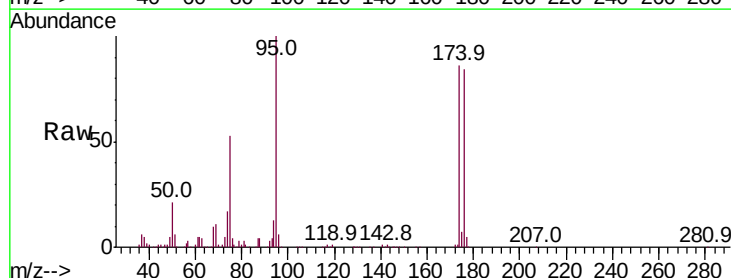
Tgt Ion: 95 Resp: 246759

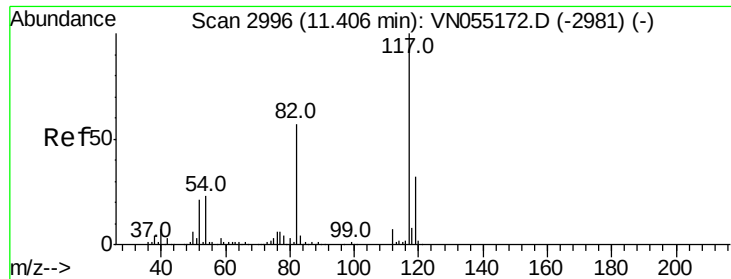
Ion Ratio Lower Upper

95 100

174 85.6 0.0 168.4

176 82.8 0.0 164.0

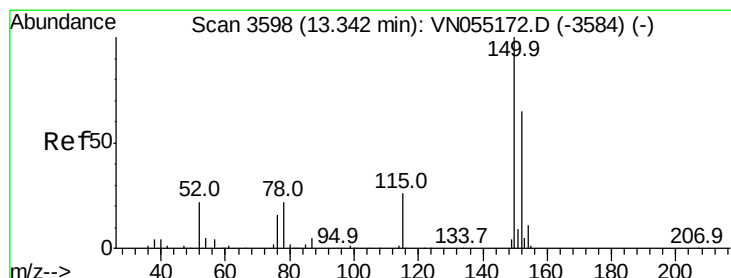
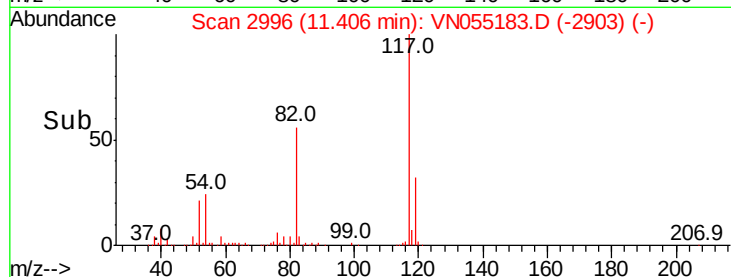
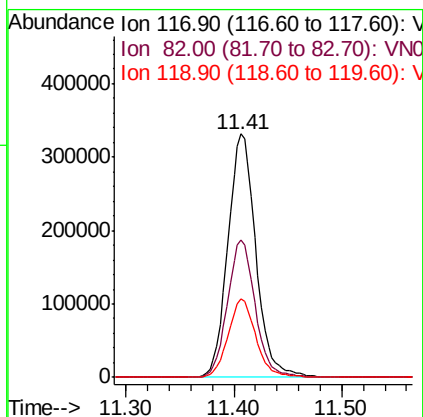
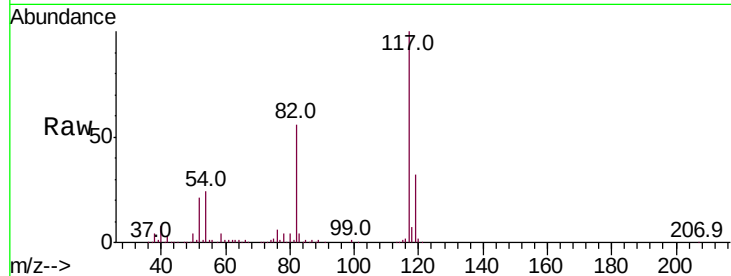




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055183.D
Acq: 22 Apr 2019 16:02

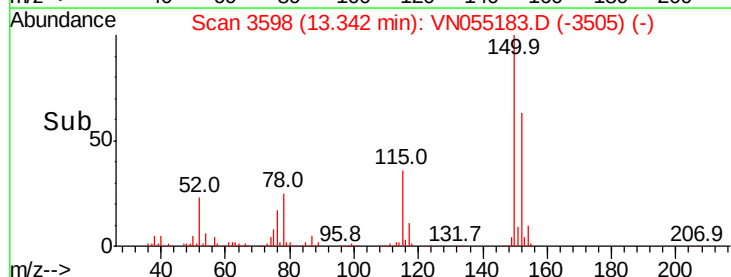
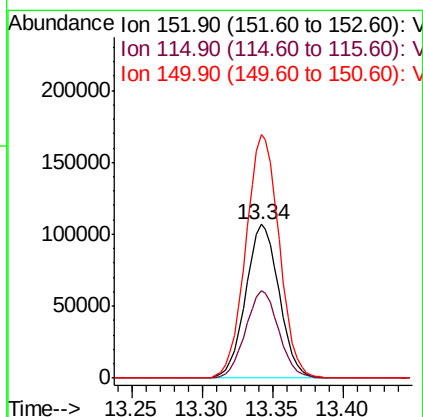
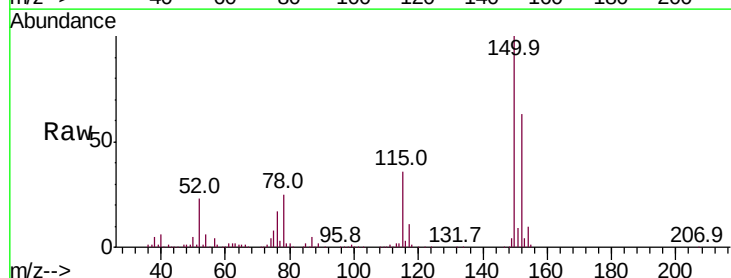
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-A

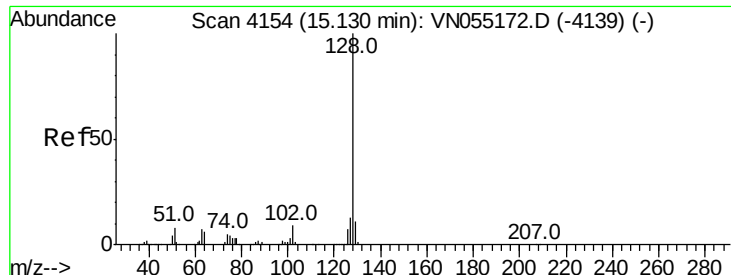
Tot Ion:117 Resp: 599914
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055183.D
Acq: 22 Apr 2019 16:02

Tgt Ion:152 Resp: 177070
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 158.9 0.0 346.6





#95

Naphthalene

Concen: 4.356 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055183.D

Acq: 22 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE-A

Tot Ion:128 Resp: 5895

Ion Ratio Lower Upper

128 100

127 16.6 10.3 15.5#

129 11.6 8.8 13.2

