

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055184.D
 Acq On : 22 Apr 2019 16:27
 Operator : JC/SP
 Sample : K2510-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-B

Quant Time: Apr 23 06:24:57 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

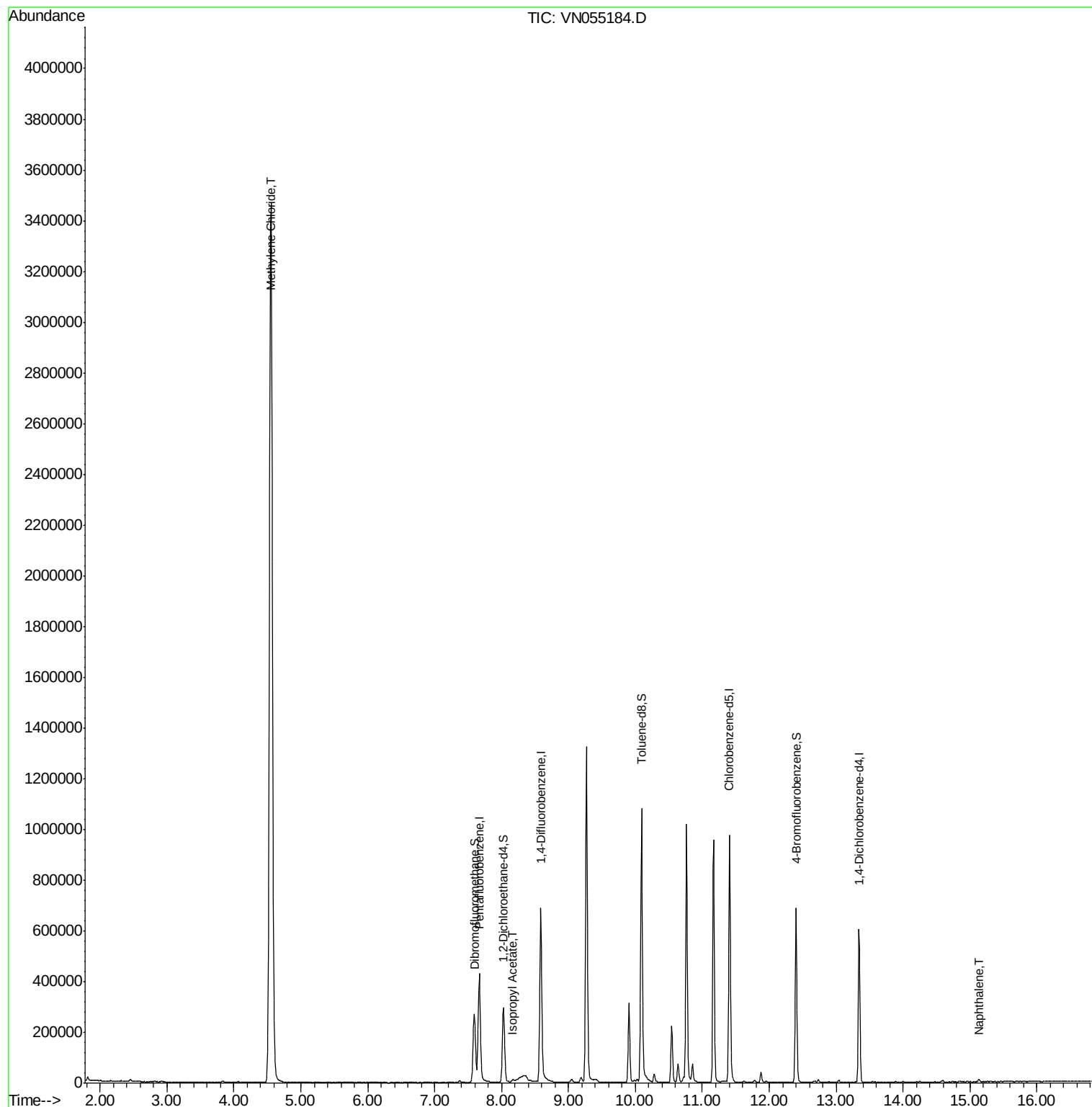
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	366184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	635051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	254520	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	7.59	113	208519	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	769679	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	236725	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
20) Methylene Chloride	4.55	84	2471438	524.677	ug/l	99
43) Isopropyl Acetate	8.17	43	13145	1.706	ug/l	96
95) Naphthalene	15.13	128	8811	4.929	ug/l	99

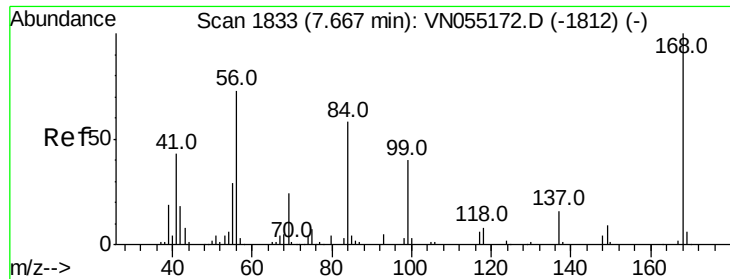
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 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: VN055184.D

Acq: 22 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

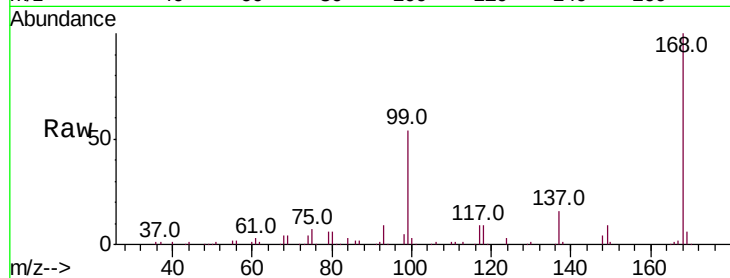
SOIL-PILE-B

Tot Ion:168 Resp: 366184

Ion Ratio Lower Upper

168 100

99 53.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

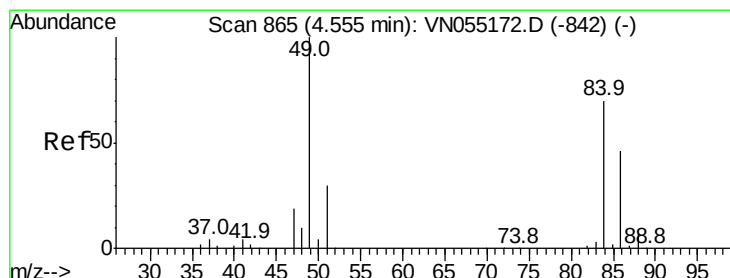
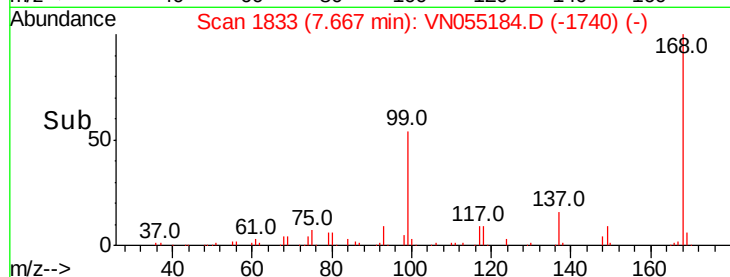
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 524.677 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

Tgt Ion: 84 Resp: 2471438

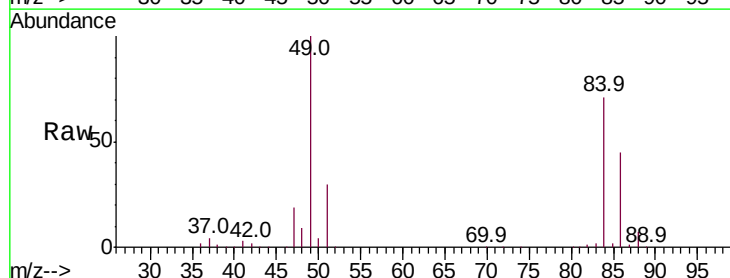
Ion Ratio Lower Upper

84 100

49 140.8 113.8 170.6

51 42.3 34.0 51.0

86 63.5 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VN055172.D (-842) (-)

Ion 48.90 (48.60 to 49.60): VN055172.D (-842) (-)

Ion 50.90 (50.60 to 51.60): VN055172.D (-842) (-)

Ion 85.90 (85.60 to 86.60): VN055172.D (-842) (-)

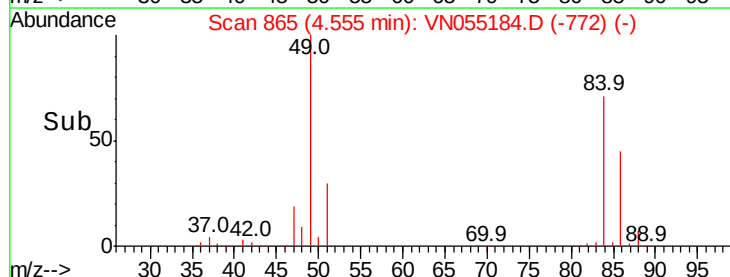
1500000

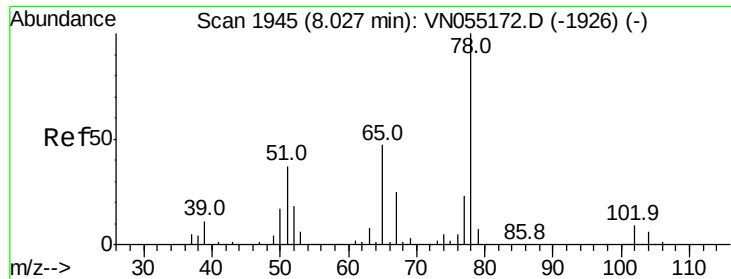
1000000

500000

0

Time--> 4.40 4.50 4.60 4.70 4.80

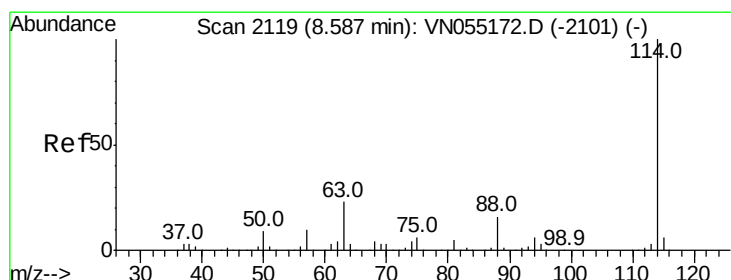
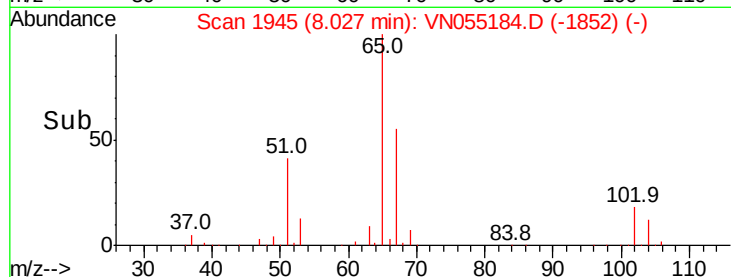
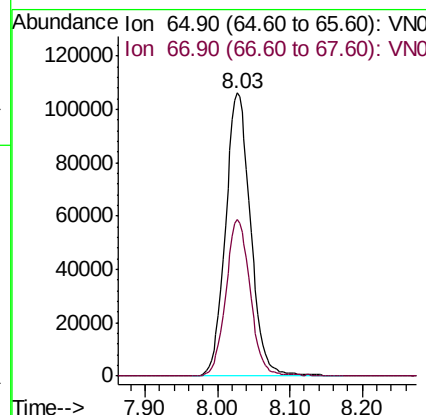
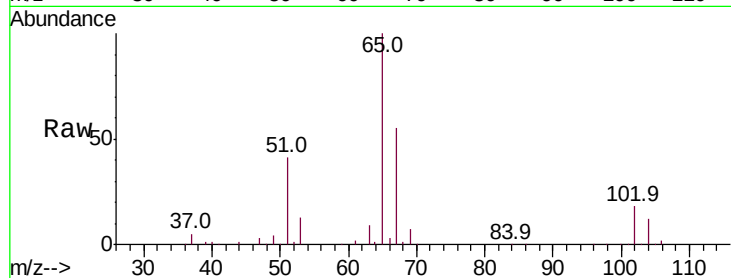




#33
 1,2-Dichloroethane-d4
 Concen: 51.352 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055184.D
 Acq: 22 Apr 2019 16:27

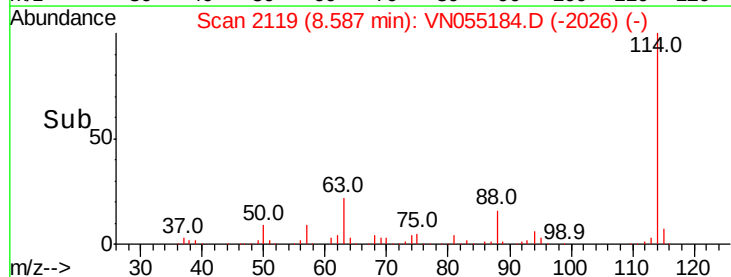
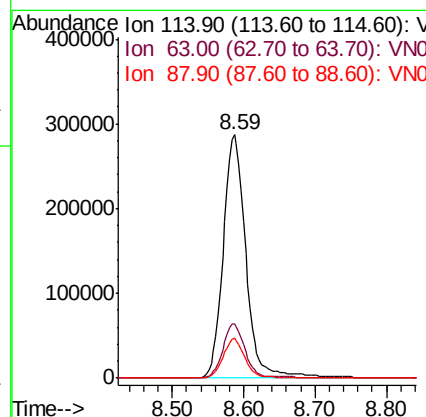
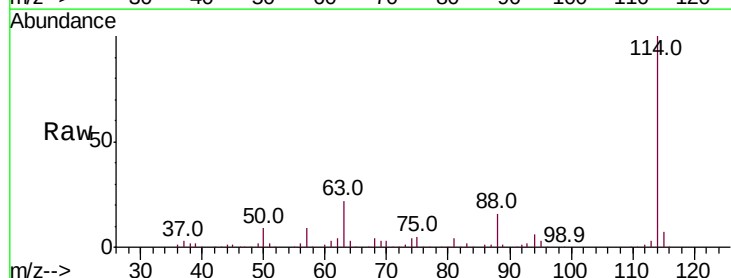
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-PILE-B

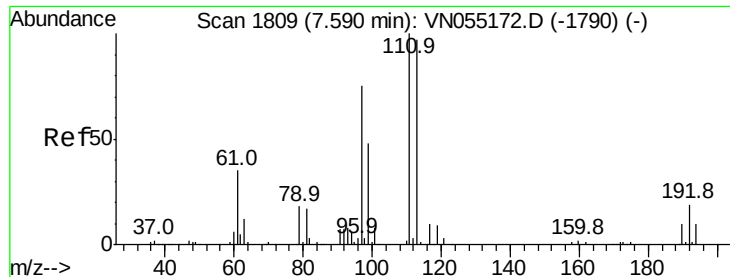
Tot Ion: 65 Resp: 254520
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055184.D
 Acq: 22 Apr 2019 16:27

Tgt Ion: 114 Resp: 635051
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampled :

SOIL-PILE-B

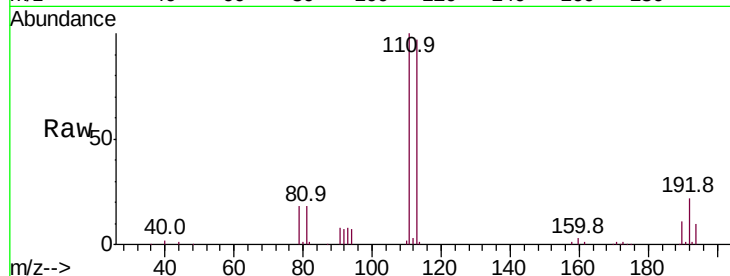
Tot Ion:113 Resp: 208519

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

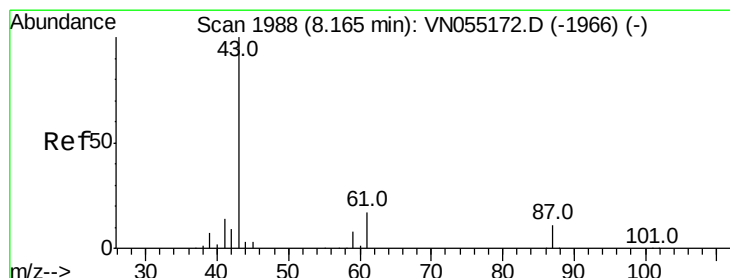
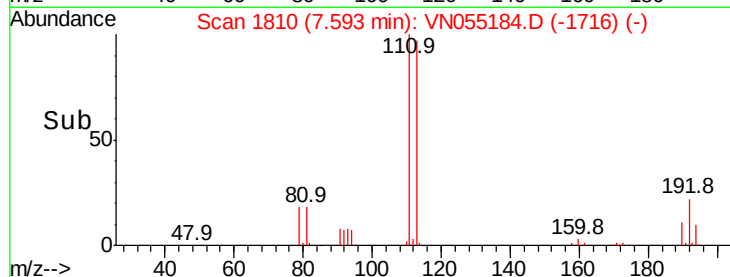
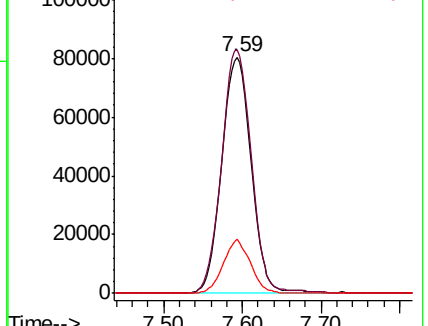
192 21.0 16.2 24.4



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: 1.706 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

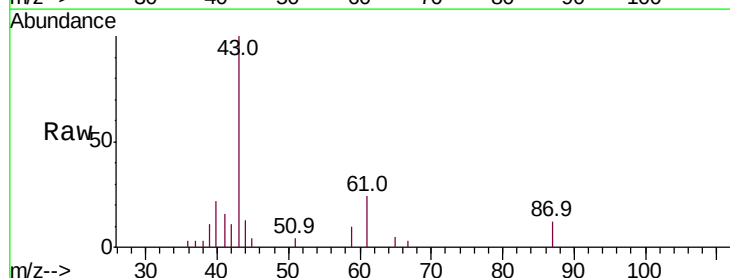
Tgt Ion: 43 Resp: 13145

Ion Ratio Lower Upper

43 100

61 23.1 20.6 30.8

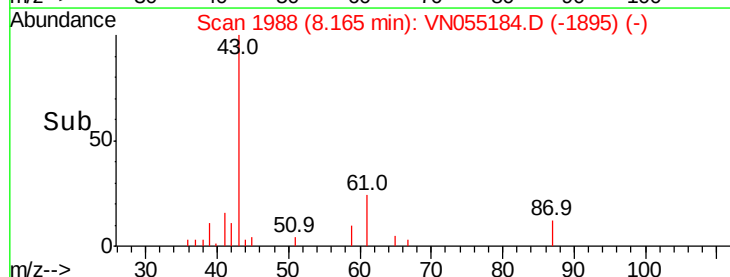
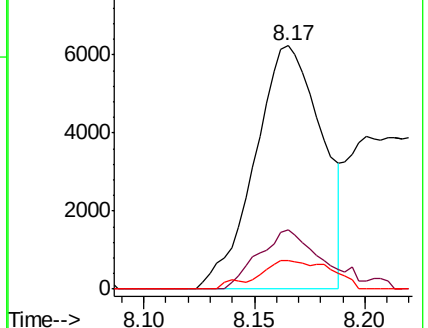
87 11.6 8.8 13.2

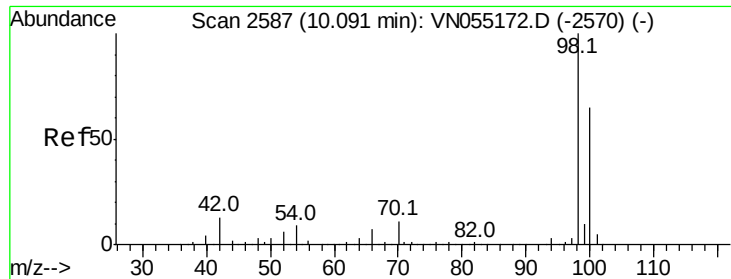


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.151 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampled :

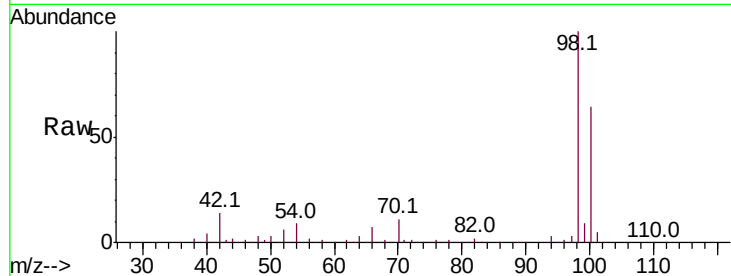
SOIL-PILE-B

Tot Ion: 98 Resp: 769679

Ion Ratio Lower Upper

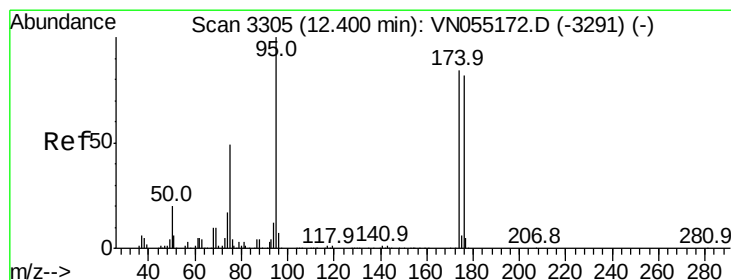
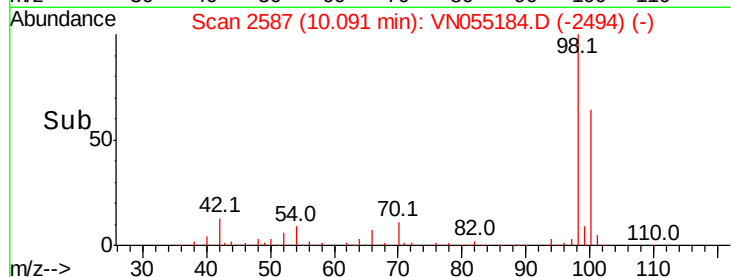
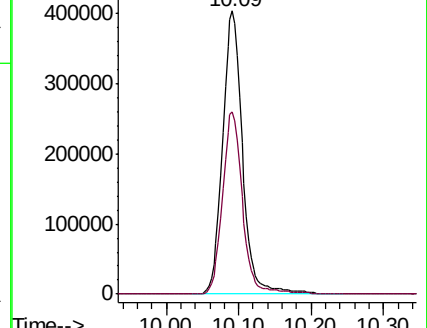
98 100

100 64.7 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.766 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

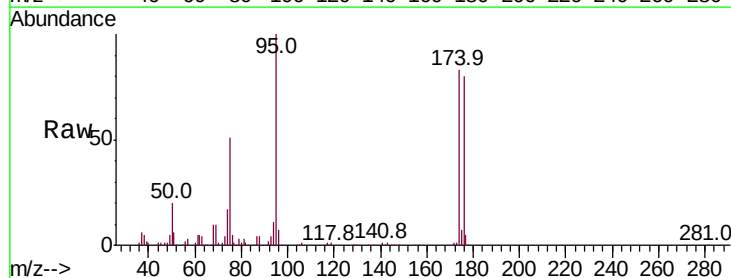
Tgt Ion: 95 Resp: 236725

Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.4

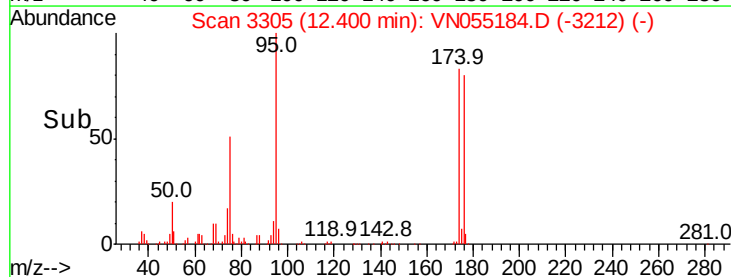
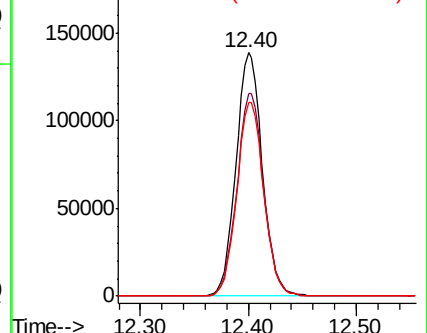
176 81.3 0.0 164.0

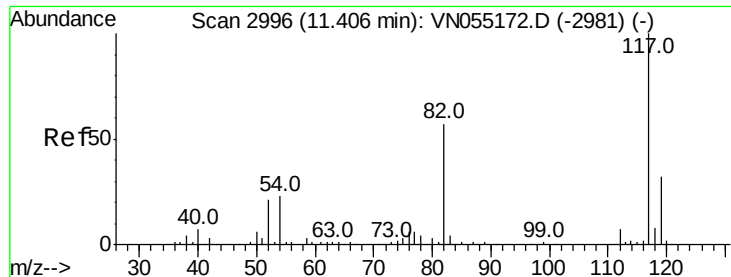


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

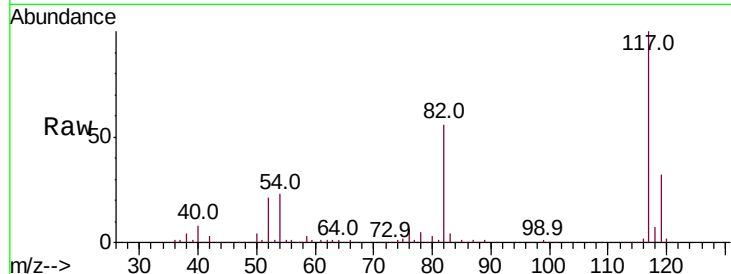




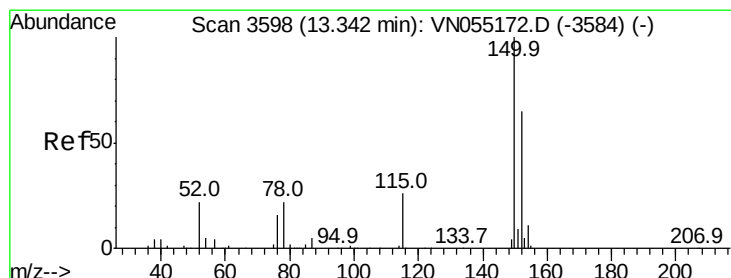
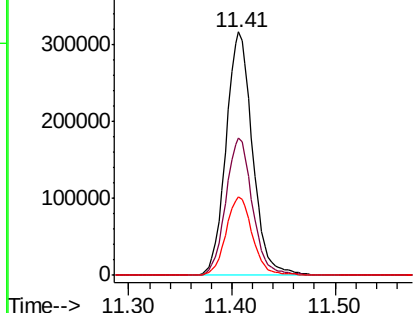
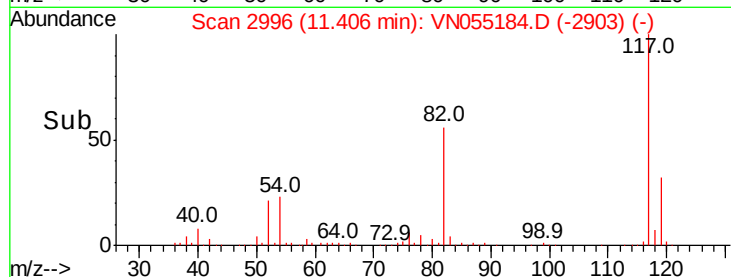
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055184.D
Acq: 22 Apr 2019 16:27

Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-B

Tot Ion:117 Resp: 565365
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.0 25.4 38.2

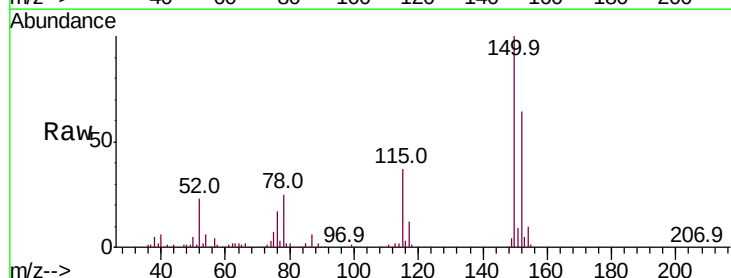


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

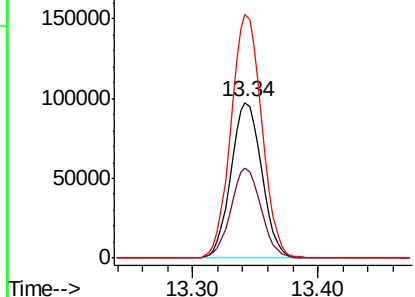
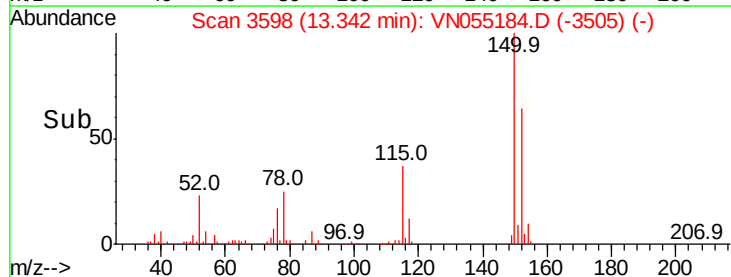


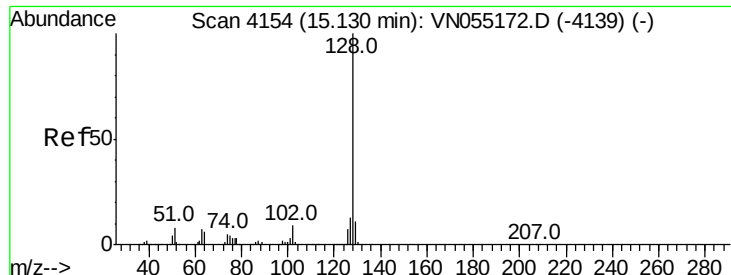
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055184.D
Acq: 22 Apr 2019 16:27

Tgt Ion:152 Resp: 166055
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.5 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





#95

Naphthalene

Concen: 4.929 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055184.D

Acq: 22 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE-B

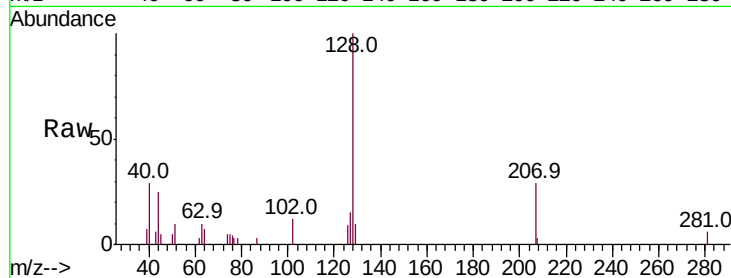
Tot Ion:128 Resp: 8811

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.4 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

