

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054008.D
 Acq On : 28 Feb 2019 17:00
 Operator : JC/SP
 Sample : K1654-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 01 04:58:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

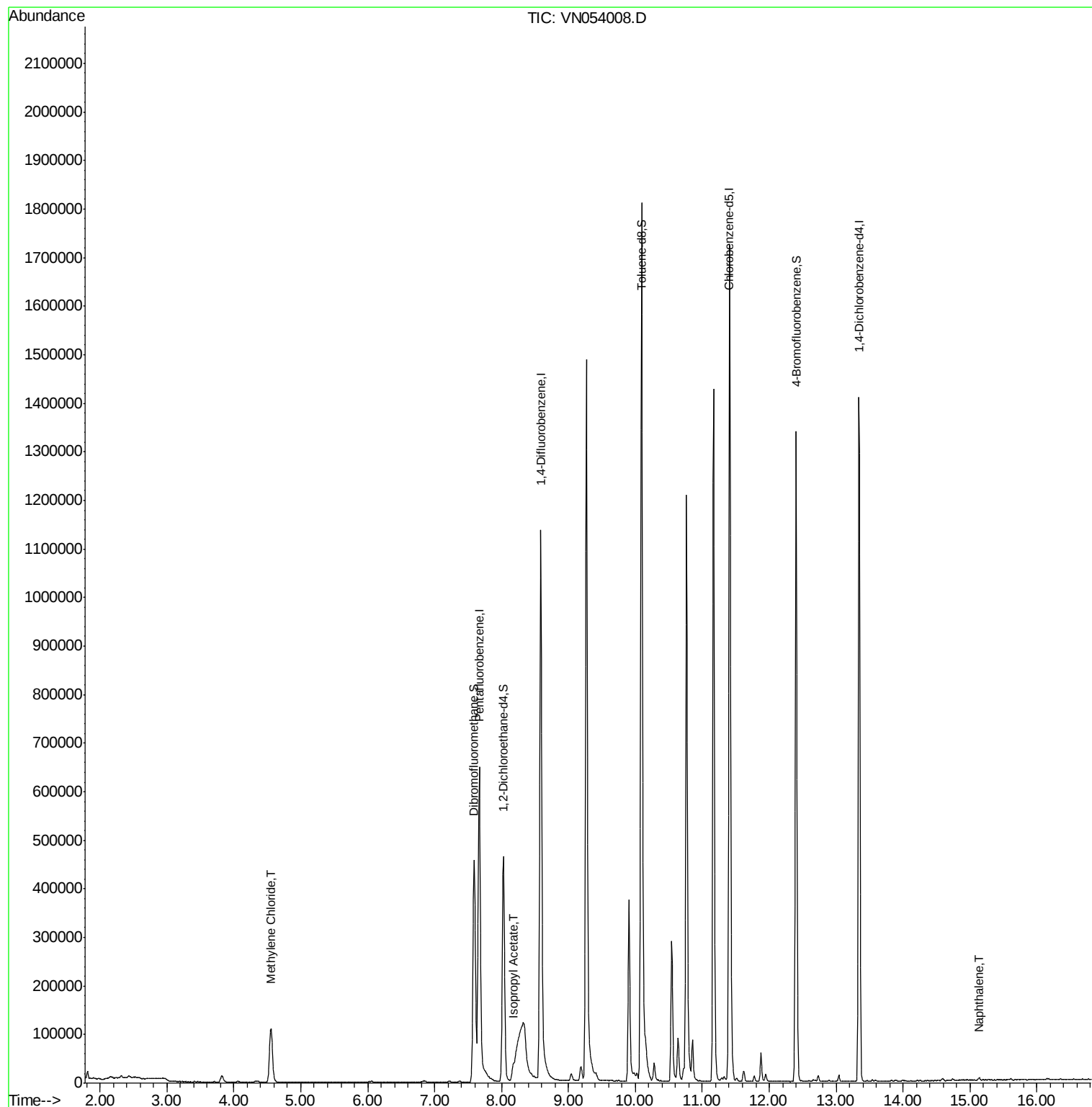
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	585506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1095890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	401017	58.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.86%	
35) Dibromofluoromethane	7.59	113	366208	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.09	98	1429921	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.40	95	469780	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
20) Methylene Chloride	4.55	84	84970	12.509	ug/l	92
43) Isopropyl Acetate	8.17	43	40066	3.163	ug/l #	85
95) Naphthalene	15.13	128	5007	3.511	ug/l #	91

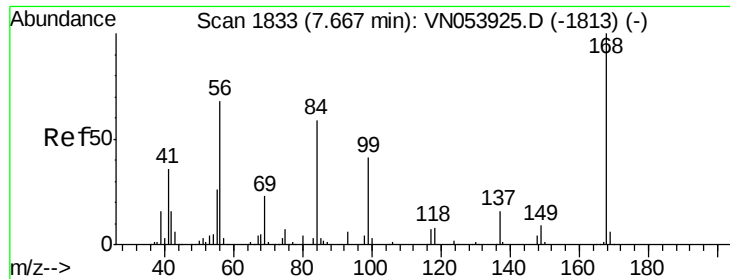
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022819\
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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: VN054008.D

Acq: 28 Feb 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

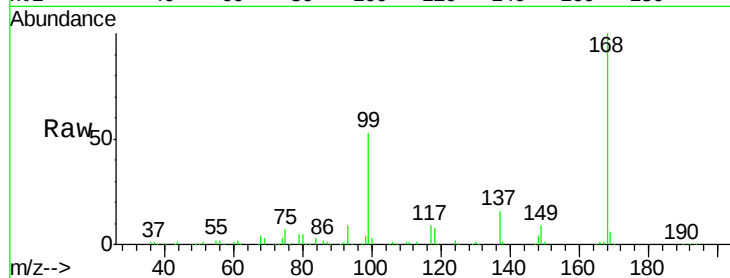
SOIL-PILE

Tot Ion:168 Resp: 585506

Ion Ratio Lower Upper

168 100

99 52.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

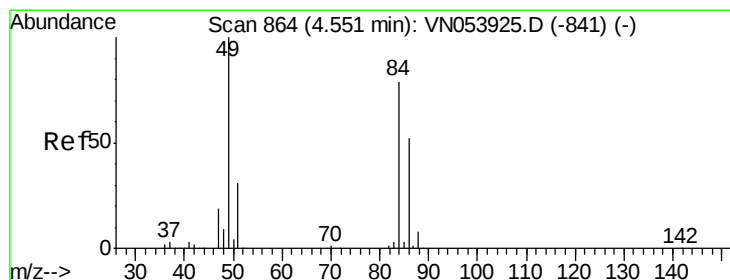
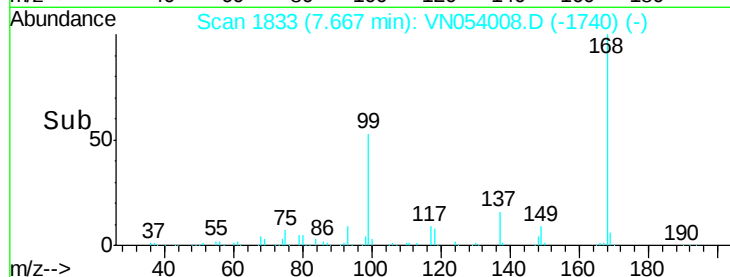
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.509 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054008.D

Acq: 28 Feb 2019 17:00

Tgt Ion: 84 Resp: 84970

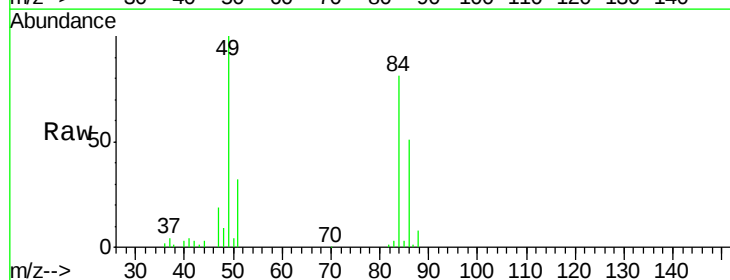
Ion Ratio Lower Upper

84 100

49 123.8 89.7 134.5

51 40.1 27.8 41.8

86 63.7 51.3 76.9



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

4.55

50000

40000

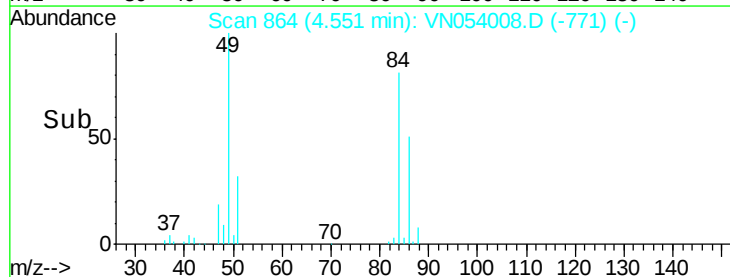
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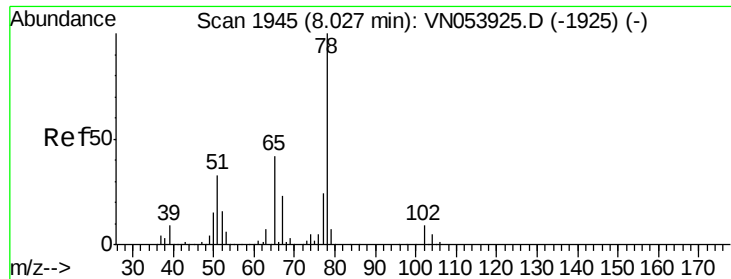
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Time-->

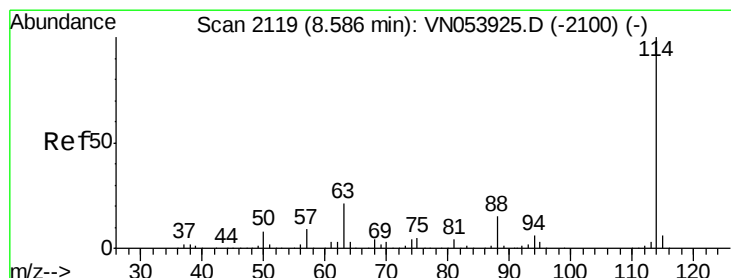
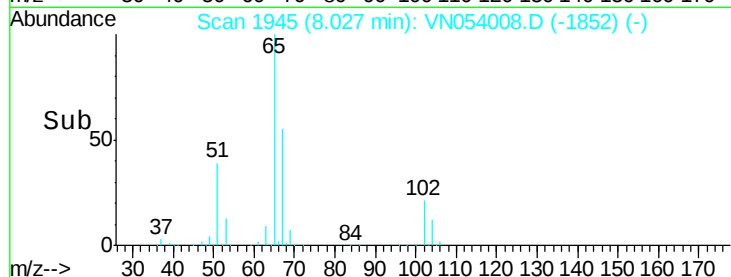
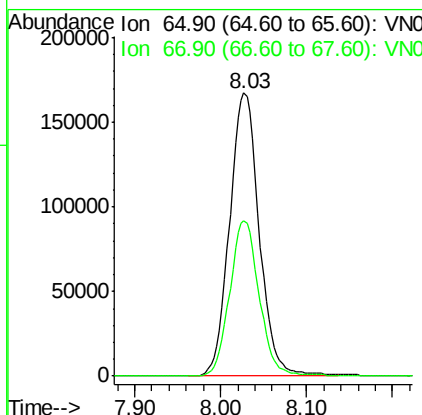
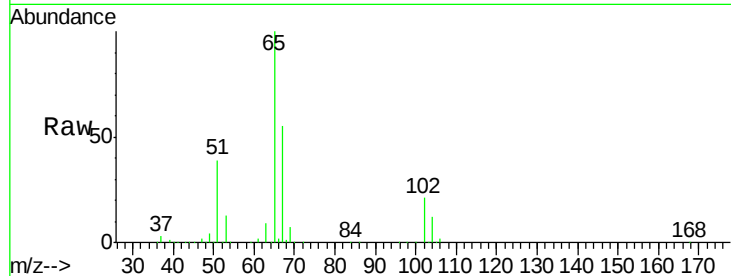




#33
 1,2-Dichloroethane-d4
 Concen: 58.428 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054008.D
 Acq: 28 Feb 2019 17:00

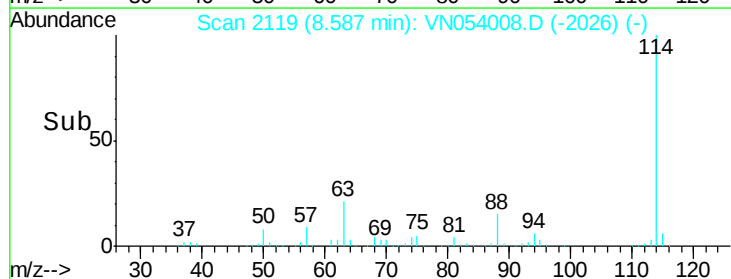
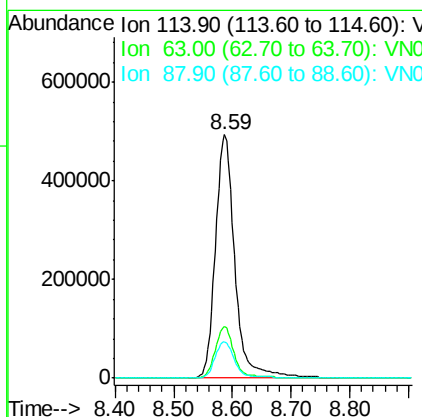
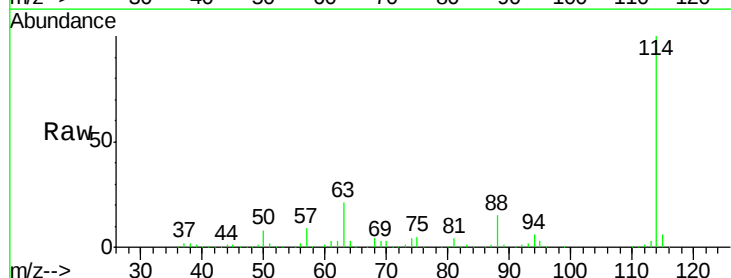
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

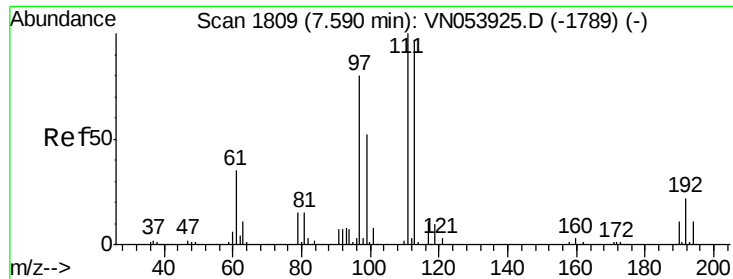
Tot Ion: 65 Resp: 401017
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054008.D
 Acq: 28 Feb 2019 17:00

Tgt Ion: 114 Resp: 1129958
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.0 0.0 30.4

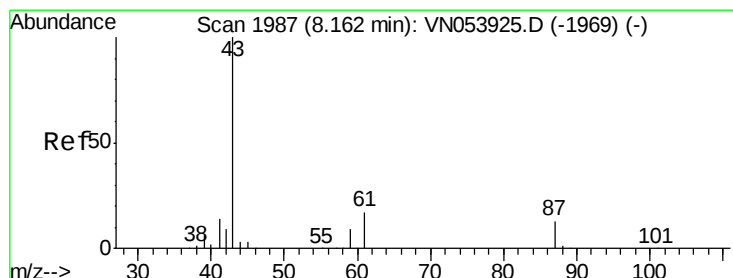
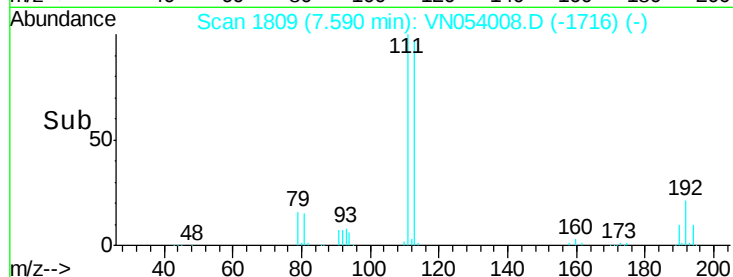
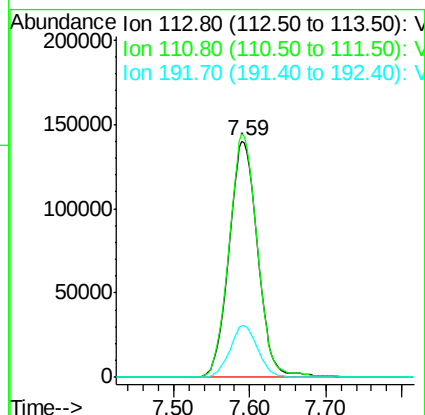
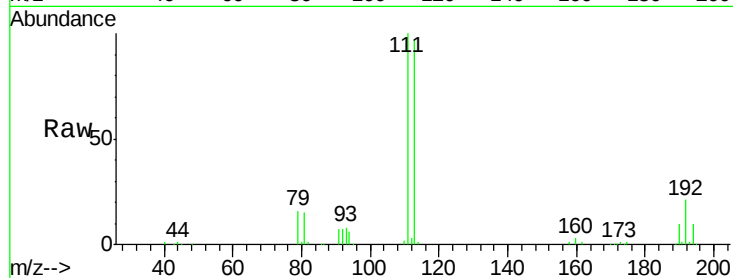




#35
 Dibromofluoromethane
 Concen: 50.118 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054008.D
 Acq: 28 Feb 2019 17:00

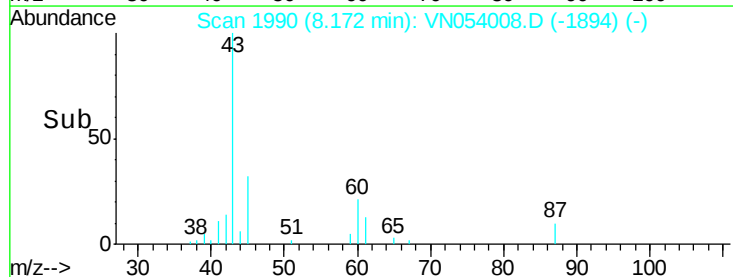
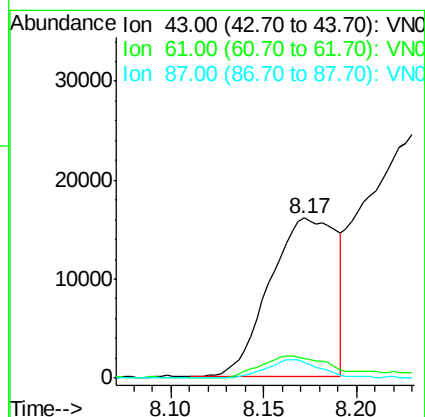
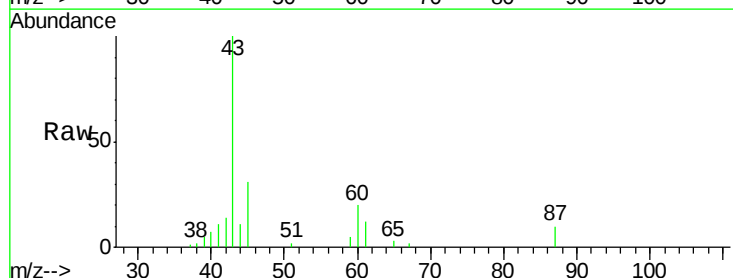
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

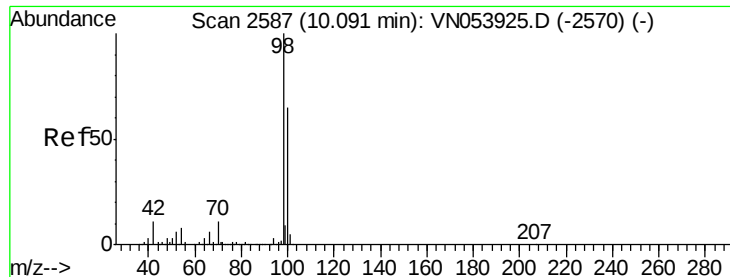
Tot Ion:113 Resp: 366208
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 21.3 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.163 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054008.D
 Acq: 28 Feb 2019 17:00

Tgt Ion: 43 Resp: 40066
 Ion Ratio Lower Upper
 43 100
 61 14.0 17.4 26.0#
 87 9.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.569 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054008.D

Acq: 28 Feb 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

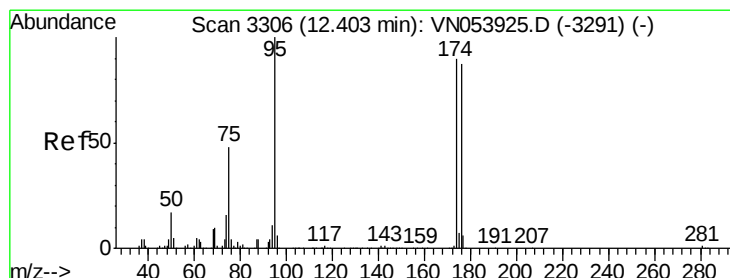
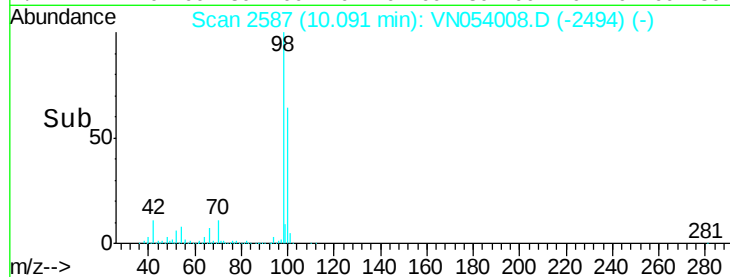
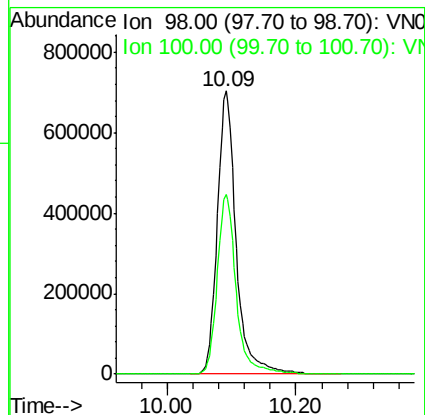
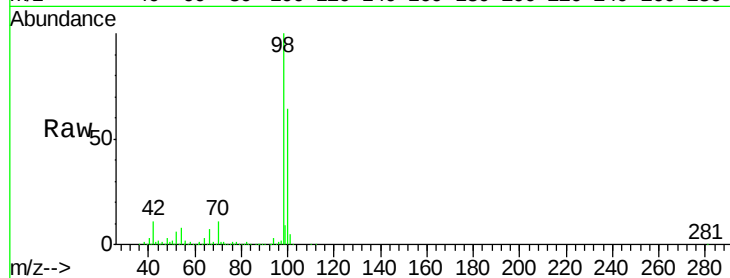
SOIL-PILE

Tot Ion: 98 Resp: 1429921

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054008.D

Acq: 28 Feb 2019 17:00

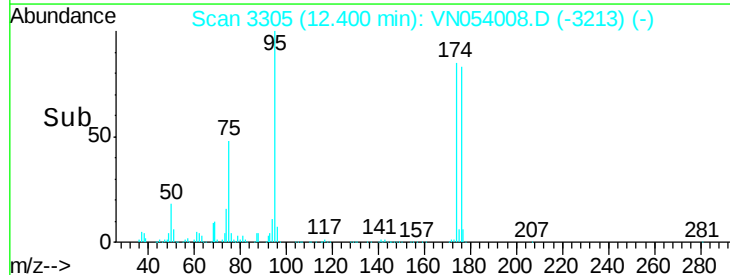
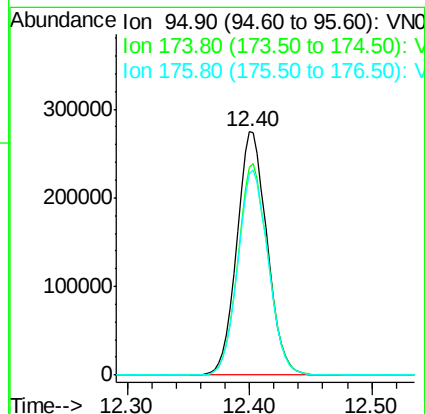
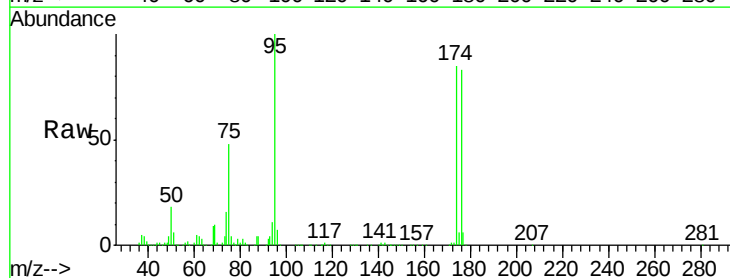
Tgt Ion: 95 Resp: 469780

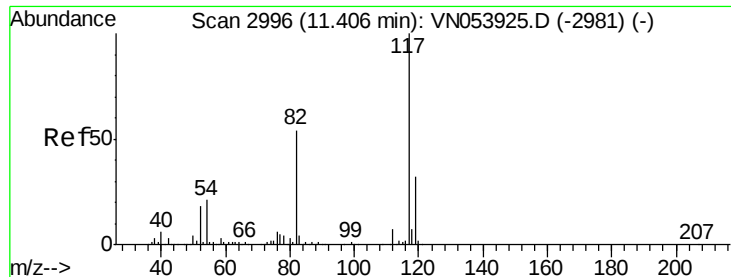
Ion Ratio Lower Upper

95 100

174 87.0 0.0 188.8

176 84.6 0.0 182.6

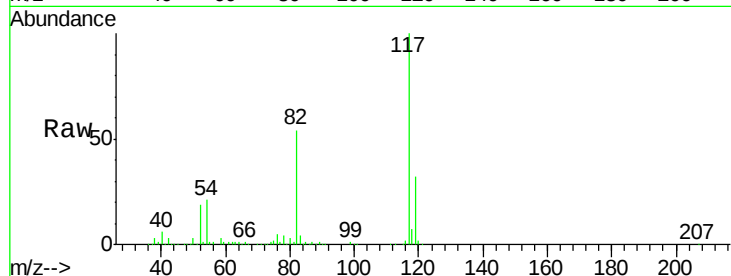




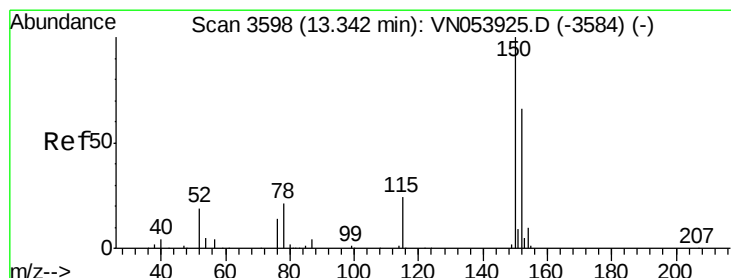
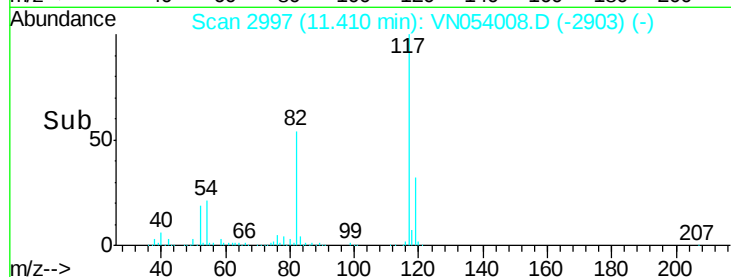
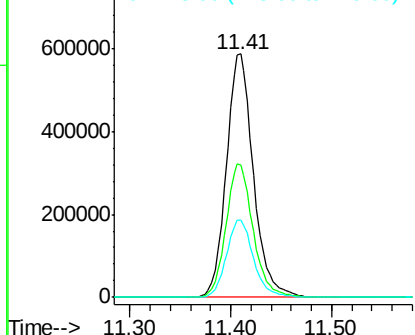
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE

Tot Ion:117 Resp: 1095890
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.2
119 31.7 25.3 37.9

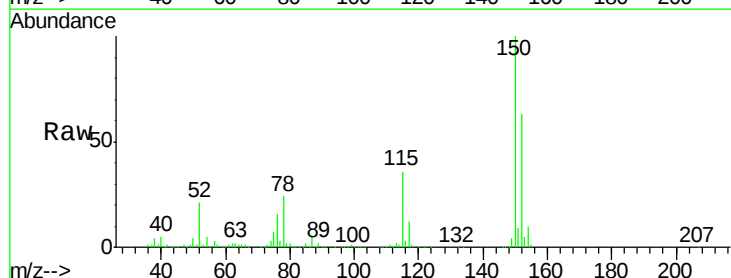


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

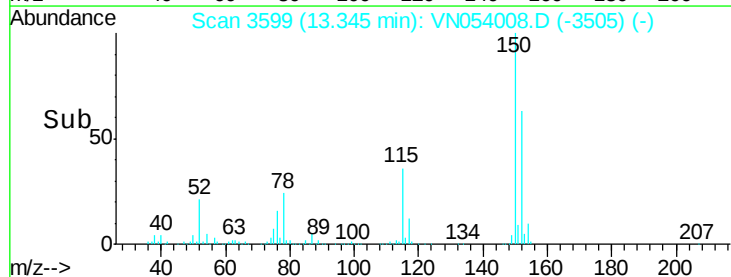
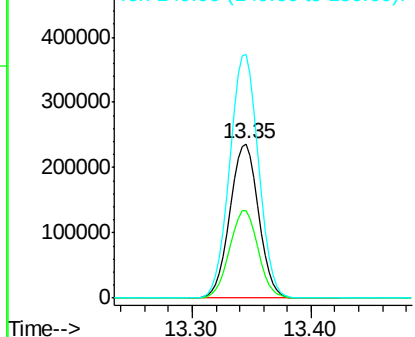


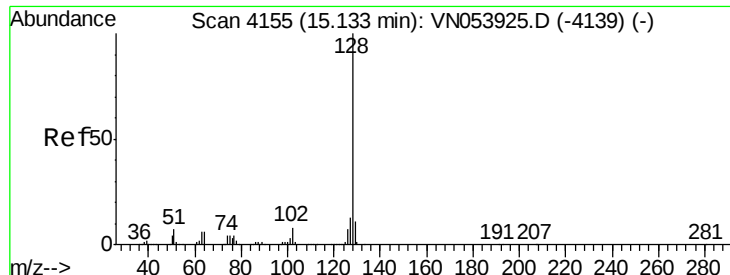
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:152 Resp: 395079
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 158.5 0.0 348.2



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: 3.511 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054008.D

Acq: 28 Feb 2019 17:00

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE

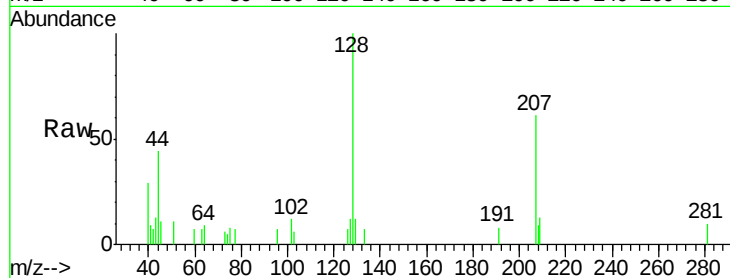
Tot Ion:128 Resp: 5007

Ion Ratio Lower Upper

128 100

127 6.9 10.2 15.2#

129 9.6 8.6 12.8



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

