

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053898.D
 Acq On : 21 Feb 2019 17:51
 Operator : JC/SP
 Sample : K1527-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

Quant Time: Feb 22 02:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

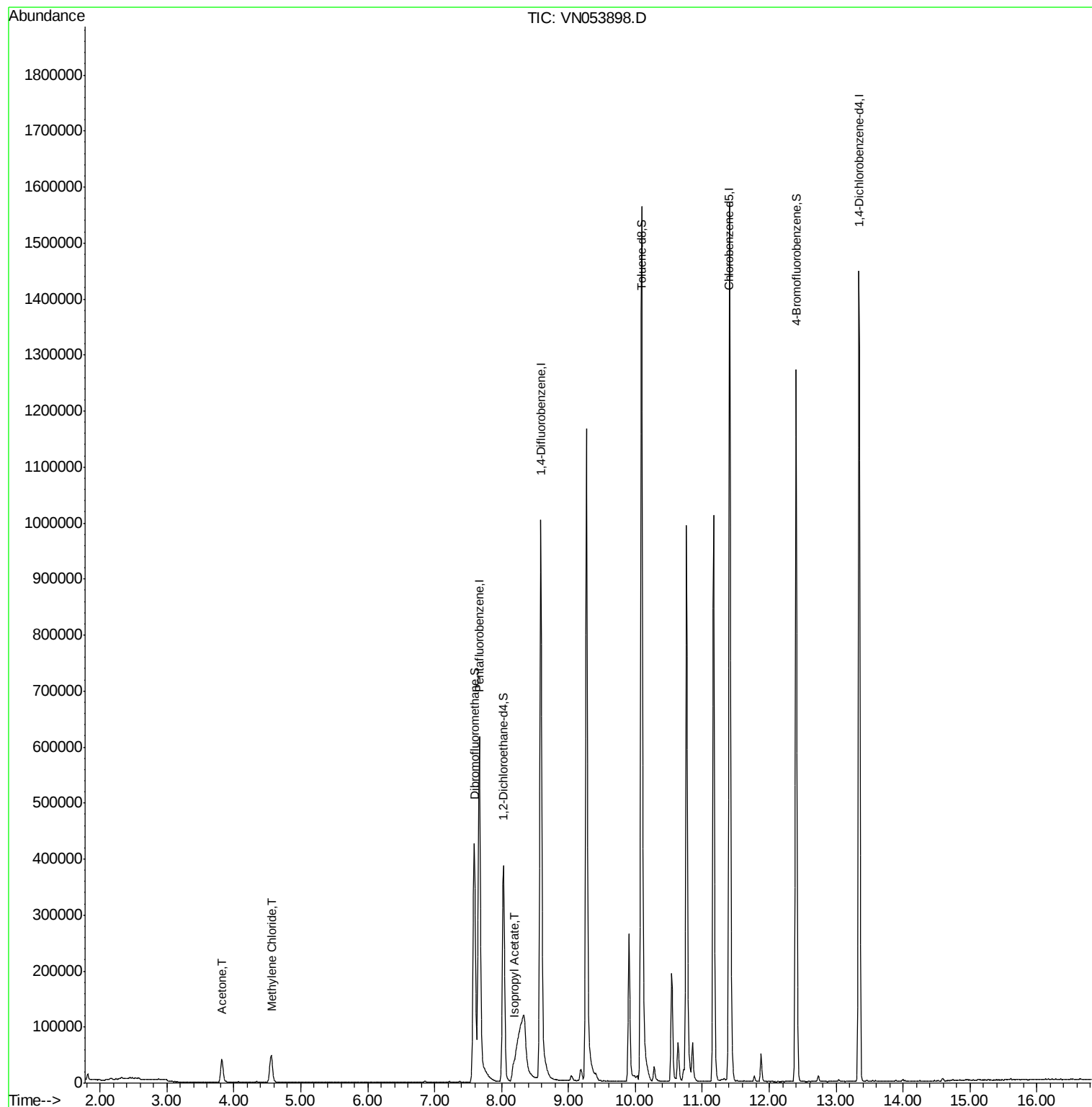
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336921	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
35) Dibromofluoromethane	7.59	113	335962	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.09	98	1298349	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	448491	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
Target Compounds						
16) Acetone	3.82	43	70070	39.578	ug/l	95
20) Methylene Chloride	4.56	84	37875	5.714	ug/l	97
43) Isopropyl Acetate	8.18	43	24943	2.411	ug/l #	93

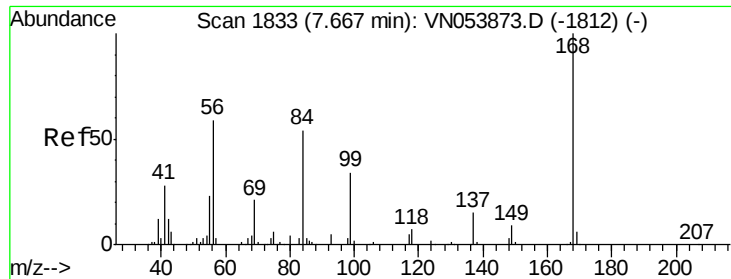
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

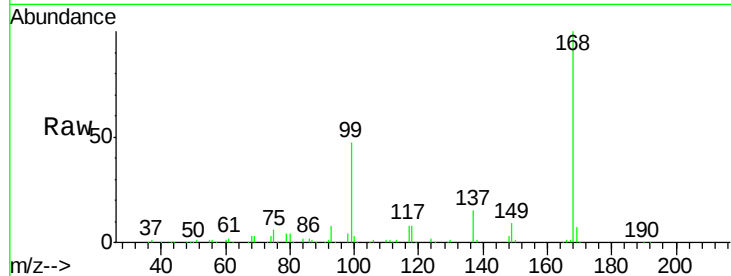
SOIL-PILE

Tot Ion:168 Resp: 629900

Ion Ratio Lower Upper

168 100

99 47.4 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

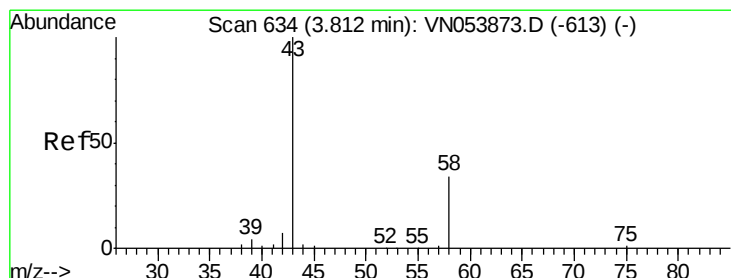
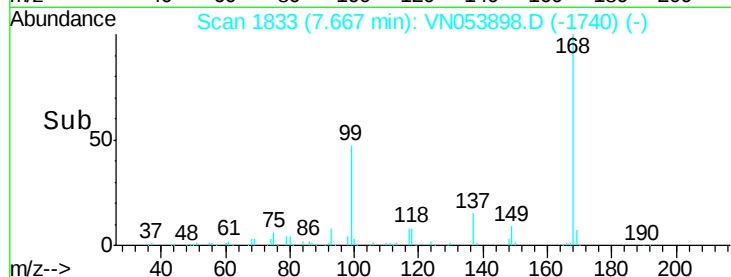
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 39.578 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053898.D

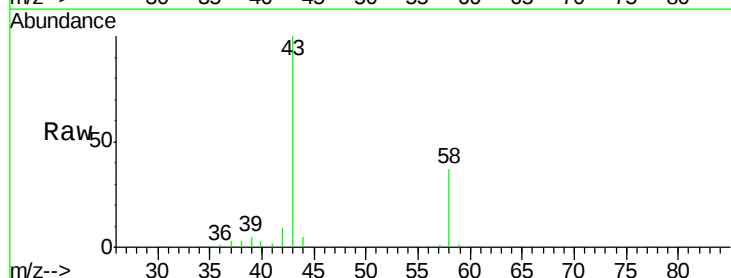
Acq: 21 Feb 2019 17:51

Tgt Ion: 43 Resp: 70070

Ion Ratio Lower Upper

43 100

58 37.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

30000

25000

20000

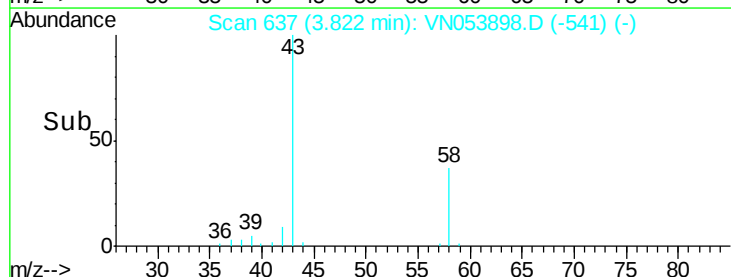
15000

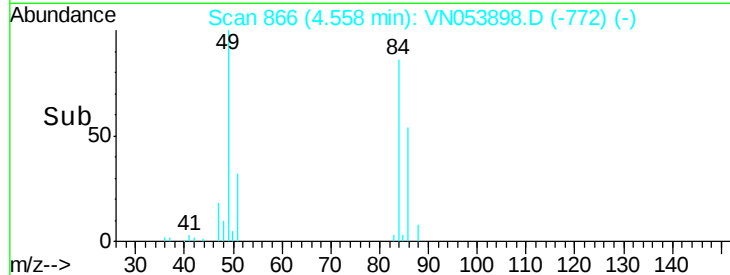
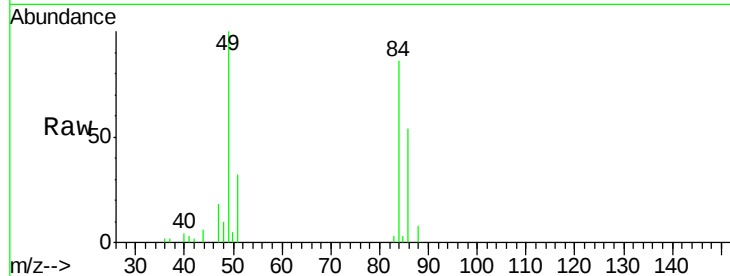
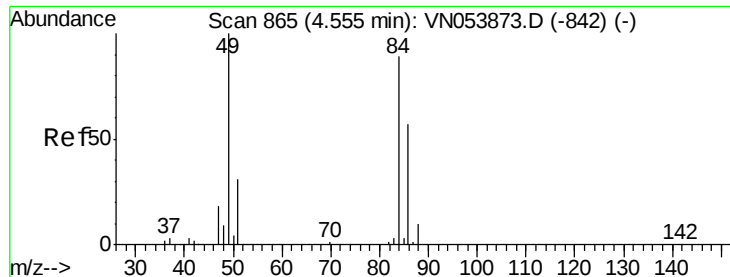
10000

5000

0

Time--> 3.70 3.80 3.90

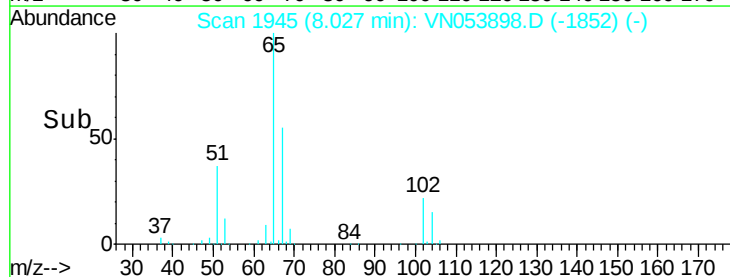
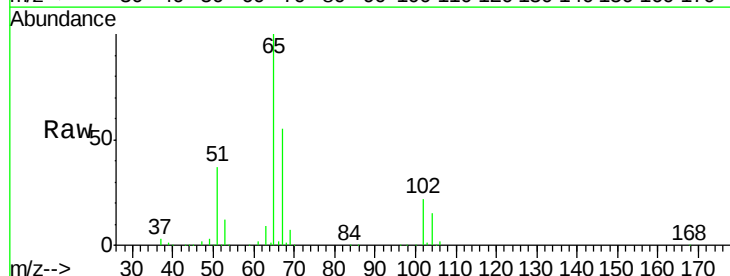
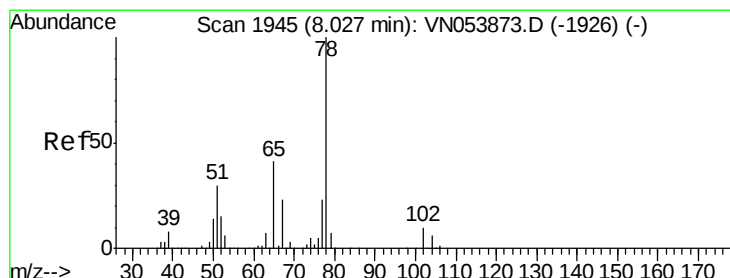
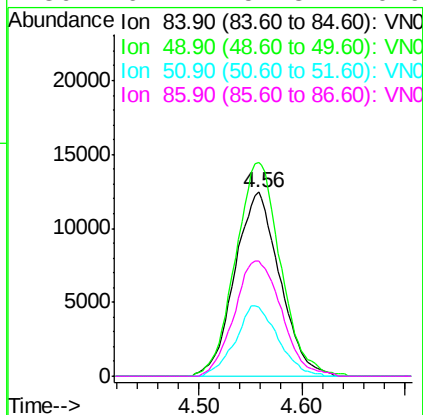




#20
Methvlene Chloride
Concen: 5.714 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053898.D
Acq: 21 Feb 2019 17:51

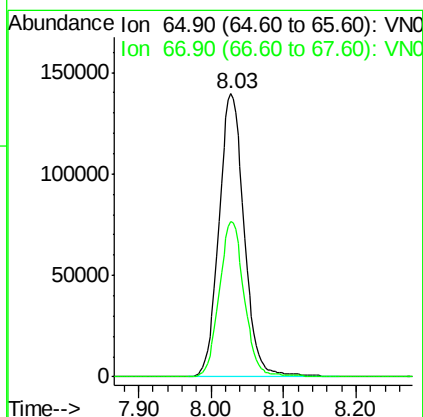
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE

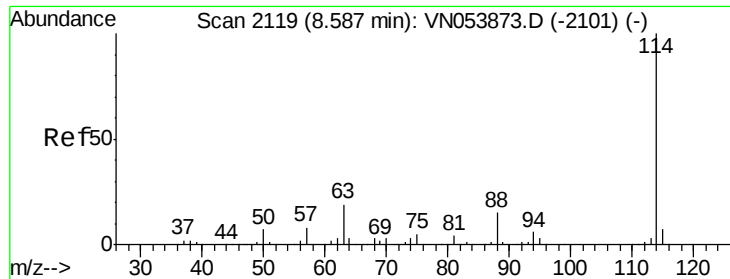
Tot Ion: 84 Resp: 37875
Ion Ratio Lower Upper
84 100
49 115.9 89.7 134.5
51 37.6 27.8 41.8
86 62.2 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 52.337 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053898.D
Acq: 21 Feb 2019 17:51

Tgt Ion: 65 Resp: 336921
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.8

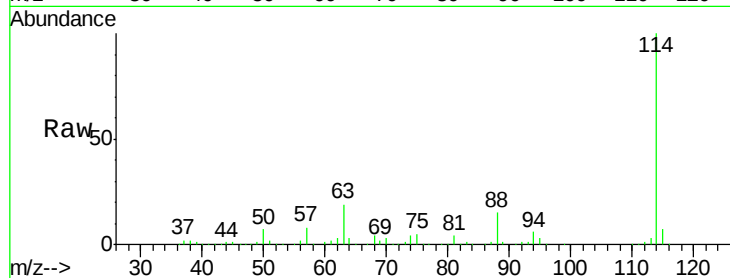




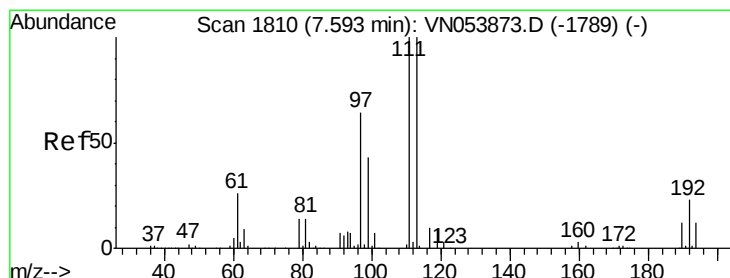
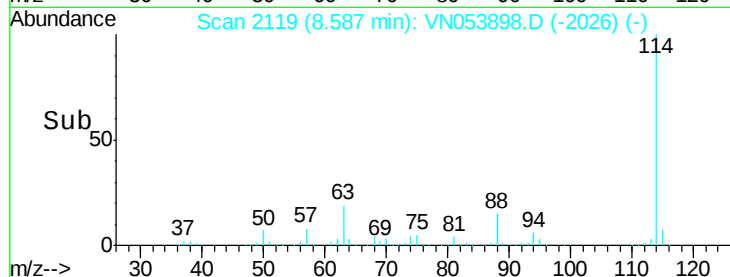
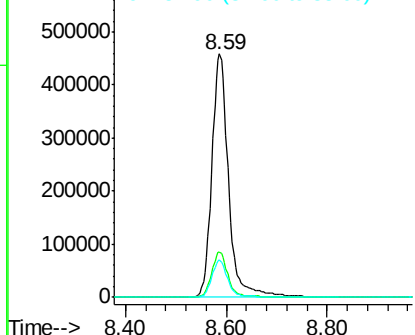
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053898.D
 Acq: 21 Feb 2019 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

Tot Ion:114 Resp: 1057934
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 15.2 0.0 30.4

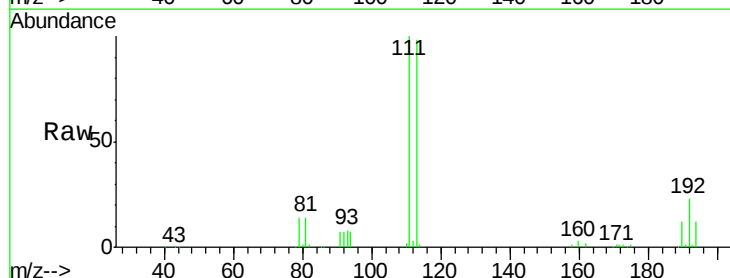


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

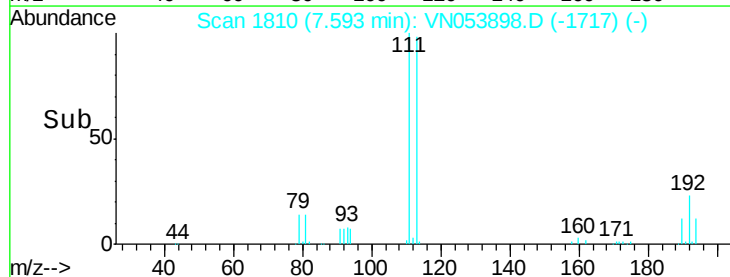
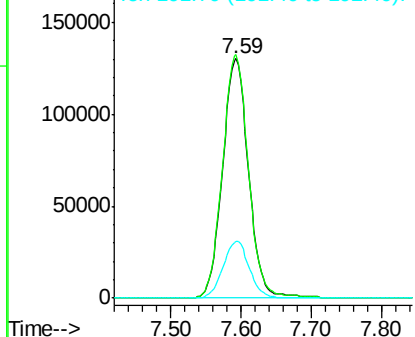


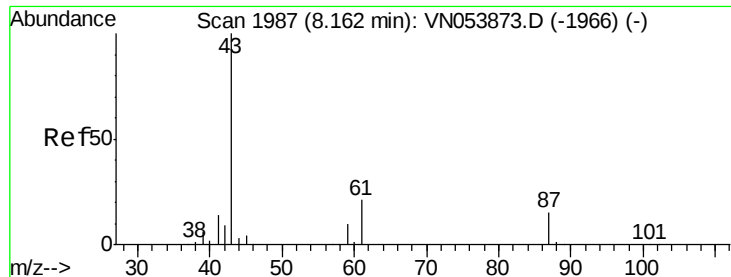
#35
 Dibromofluoromethane
 Concen: 48.388 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053898.D
 Acq: 21 Feb 2019 17:51

Tgt Ion:113 Resp: 335962
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 23.8 18.8 28.2



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: 2.411 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053898.D

Acq: 21 Feb 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE

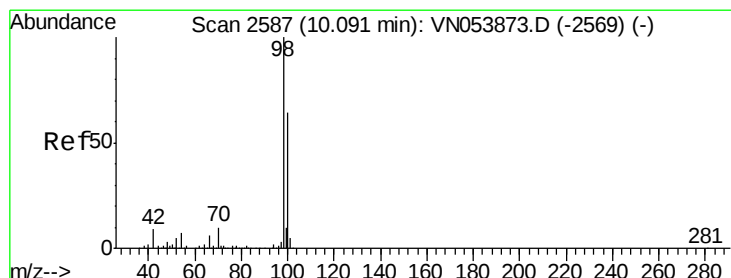
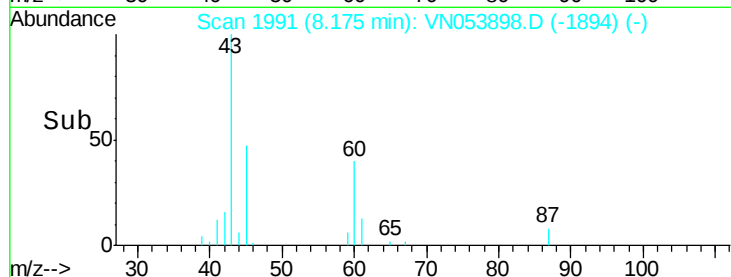
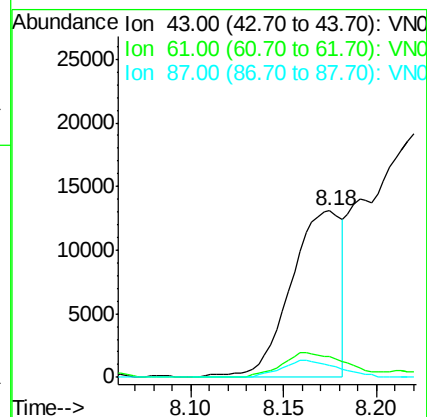
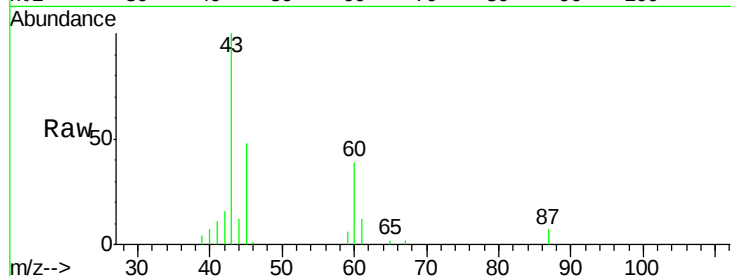
Tot Ion: 43 Resp: 24943

Ion Ratio Lower Upper

43 100

61 18.5 17.4 26.0

87 11.4 11.5 17.3#



#50

Toluene-d8

Concen: 51.775 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053898.D

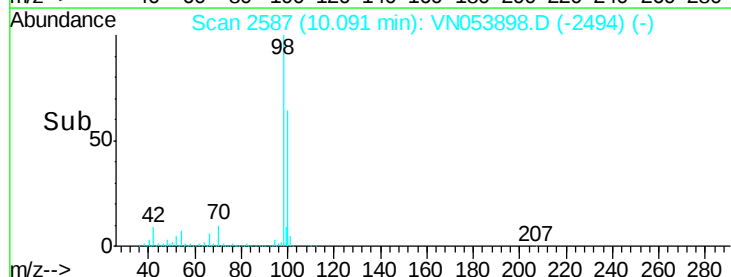
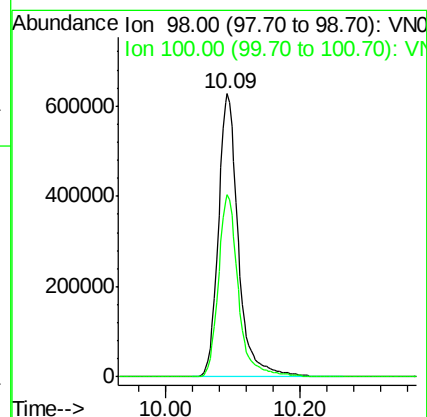
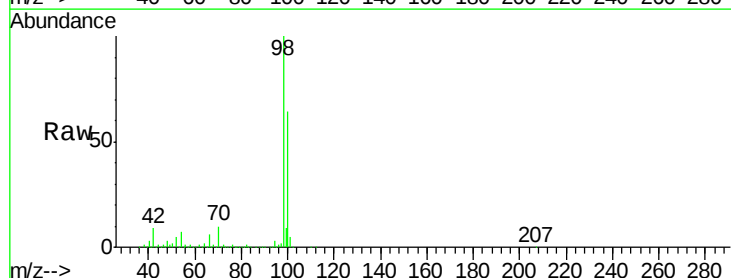
Acq: 21 Feb 2019 17:51

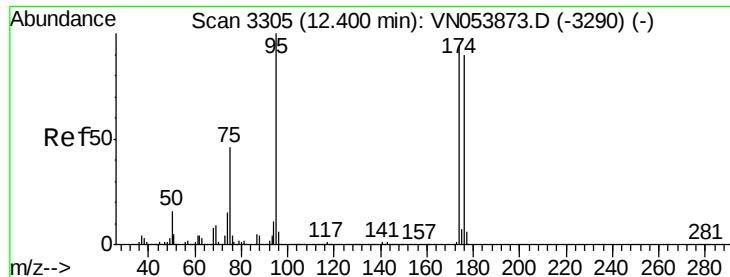
Tgt Ion: 98 Resp: 1298349

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 54.174 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053898.D

Acq: 21 Feb 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE

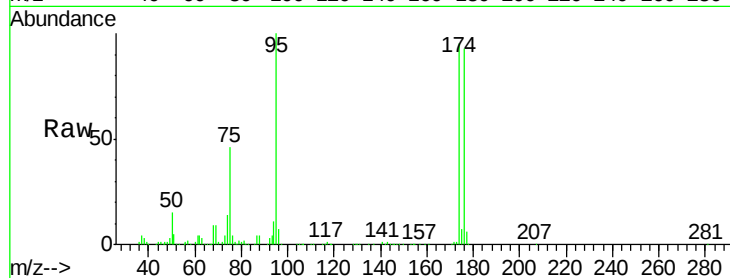
Tot Ion: 95 Resp: 448491

Ion Ratio Lower Upper

95 100

174 95.4 0.0 188.8

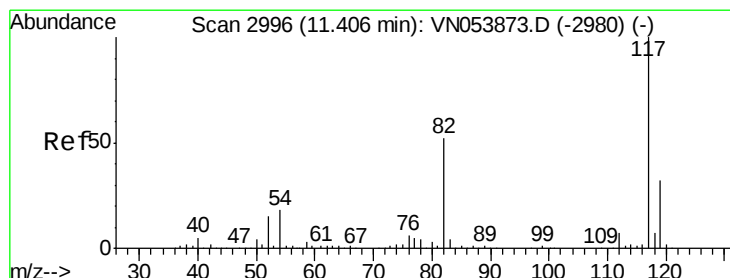
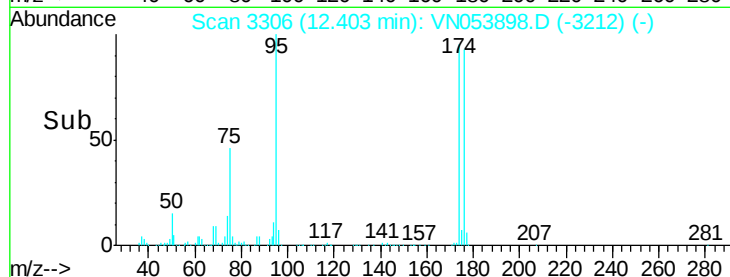
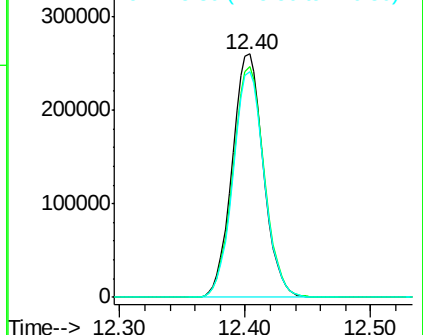
176 92.5 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053898.D

Acq: 21 Feb 2019 17:51

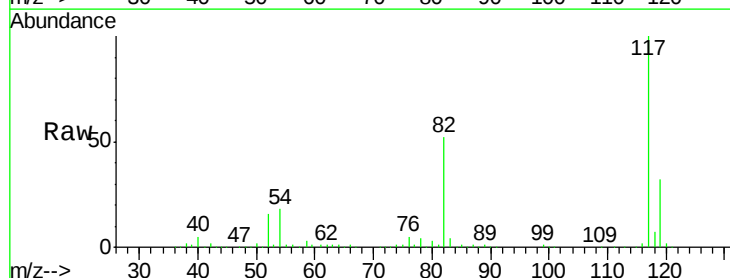
Tgt Ion: 117 Resp: 1048919

Ion Ratio Lower Upper

117 100

82 52.3 41.4 62.2

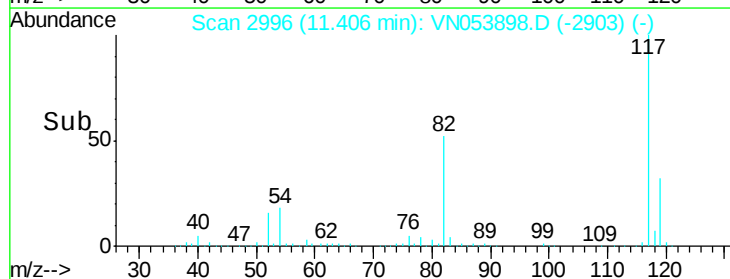
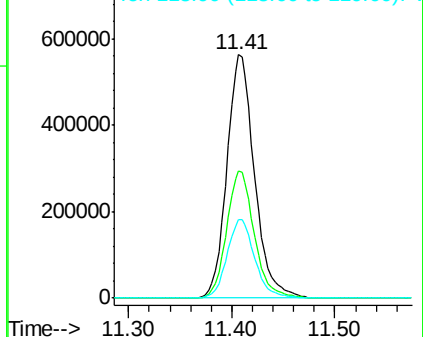
119 32.1 25.3 37.9

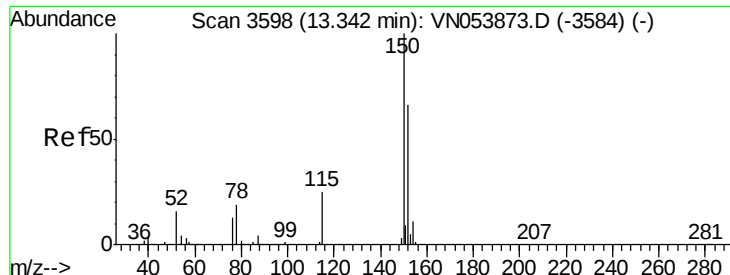


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053898.D

Acq: 21 Feb 2019 17:51

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SOIL-PILE

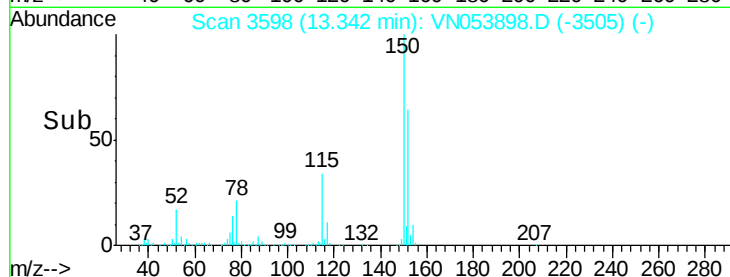
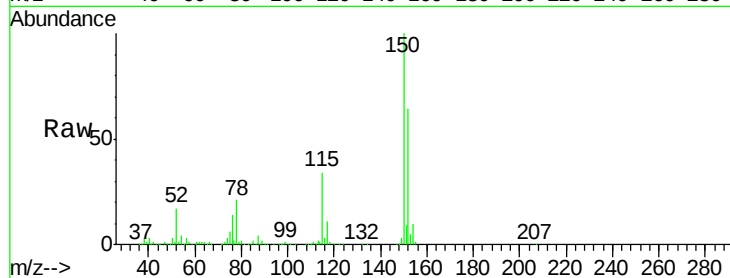
Tot Ion:152 Resp: 435423

Ion Ratio Lower Upper

152 100

115 53.3 27.2 81.6

150 156.4 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

