

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055212.D
 Acq On : 23 Apr 2019 17:45
 Operator : JC/SP
 Sample : K2526-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Quant Time: Apr 24 04:39:46 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

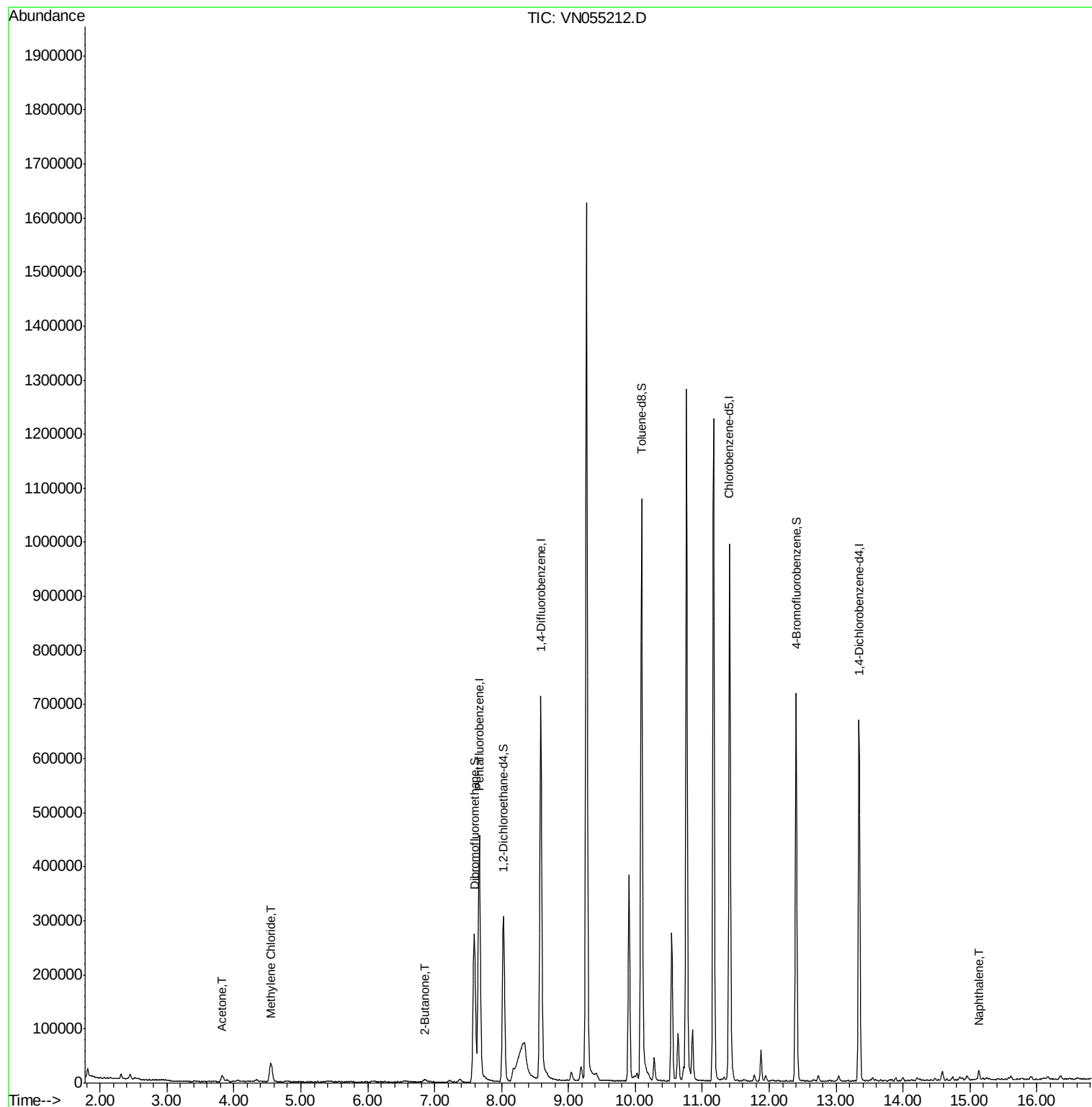
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	263202	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	206702	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.09	98	792757	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	250272	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
16) Acetone	3.82	43	19513	11.128	ug/l	95
20) Methylene Chloride	4.55	84	23613	4.684	ug/l	95
25) 2-Butanone	6.84	43	10408	4.597	ug/l	97
95) Naphthalene	15.13	128	14208	5.657	ug/l	99

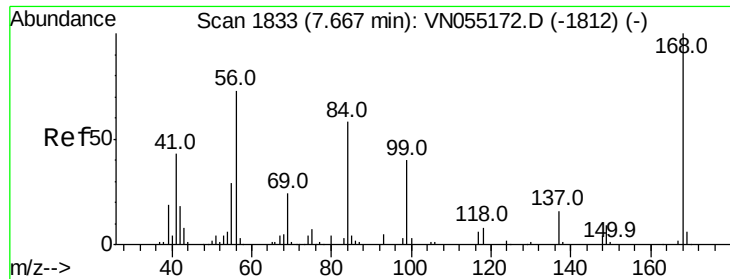
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

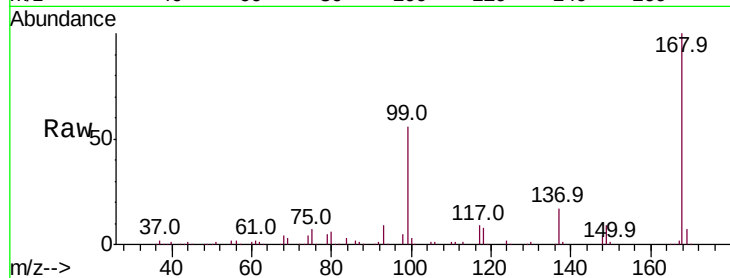
SOIL-ROLLOFFS

Tot Ion:168 Resp: 391892

Ion Ratio Lower Upper

168 100

99 56.0 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

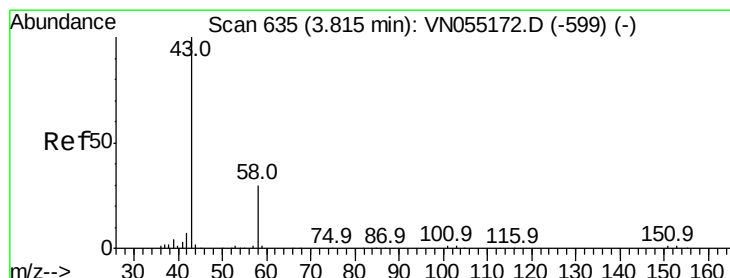
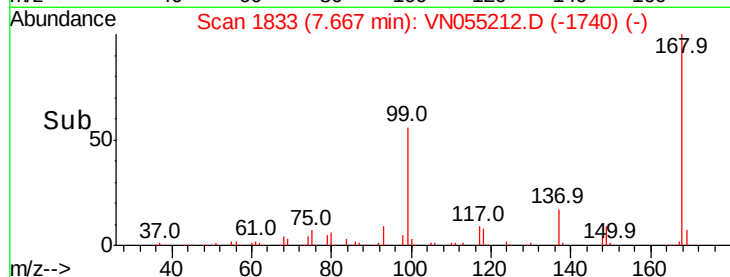
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 11.128 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055212.D

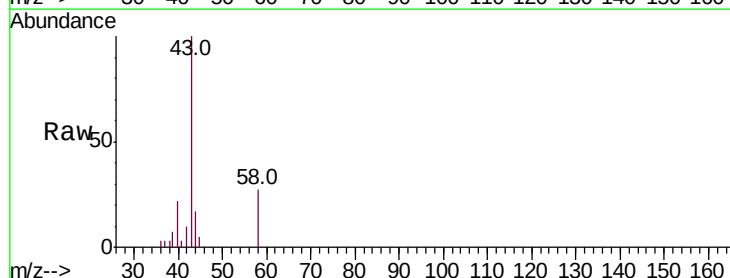
Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 19513

Ion Ratio Lower Upper

43 100

58 27.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

4000

2000

0

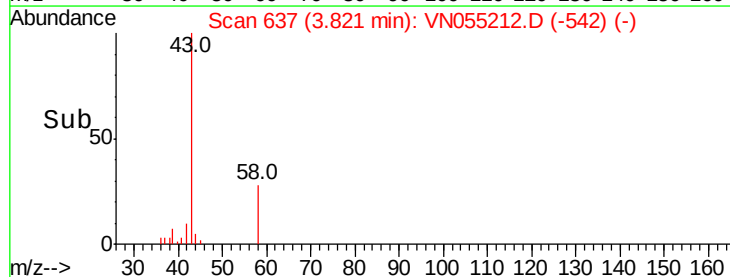
Time-->

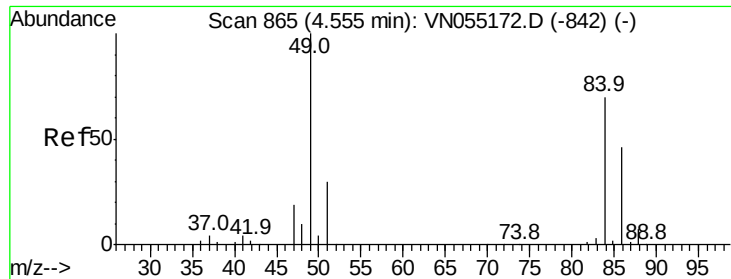
3.75

3.80

3.85

3.90





#20

Methvlene Chloride

Concen: 4.684 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

Tot Ion: 84 Resp: 23613

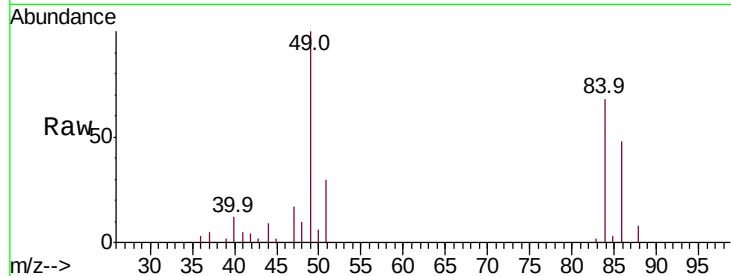
Ion Ratio Lower Upper

84 100

49 147.1 113.8 170.6

51 44.6 34.0 51.0

86 71.2 52.3 78.5

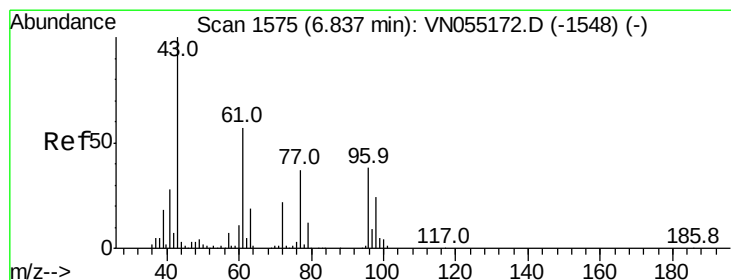
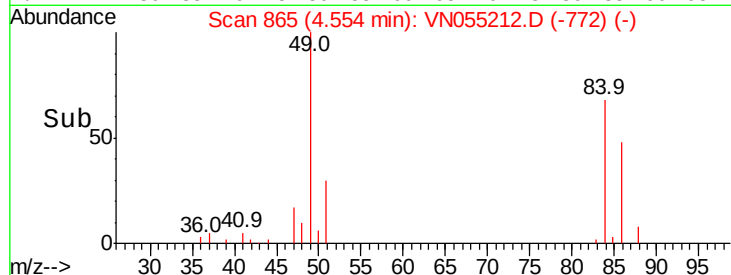
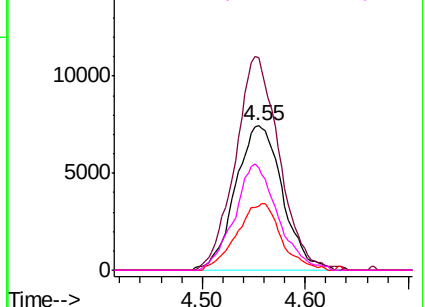


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 4.597 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN055212.D

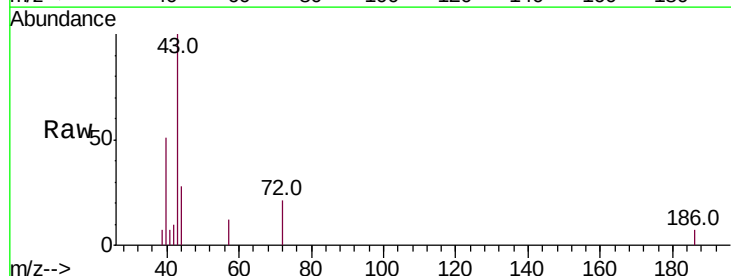
Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 10408

Ion Ratio Lower Upper

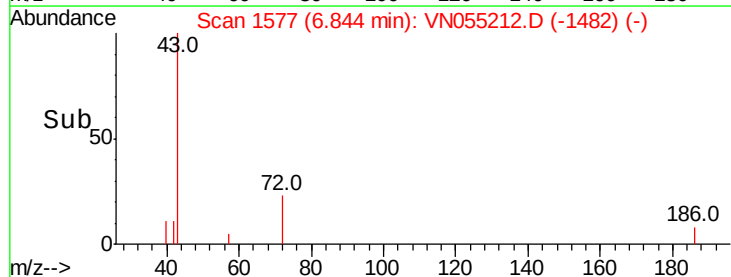
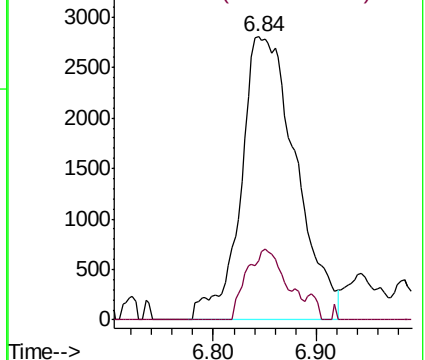
43 100

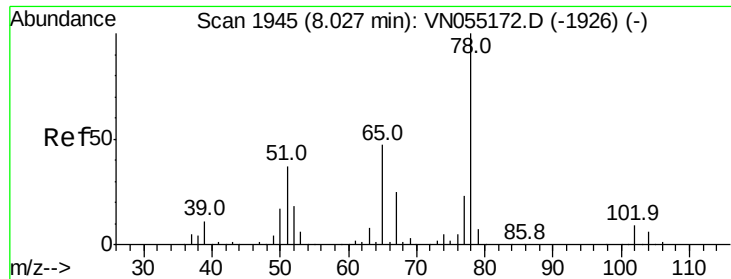
72 20.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

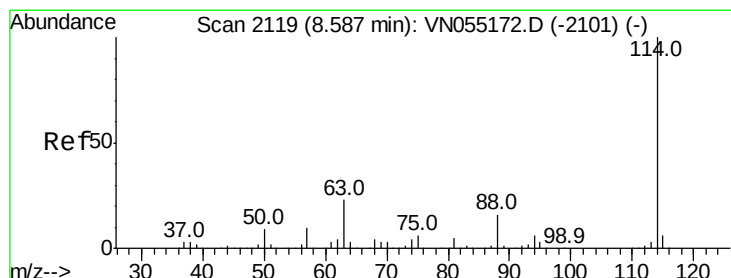
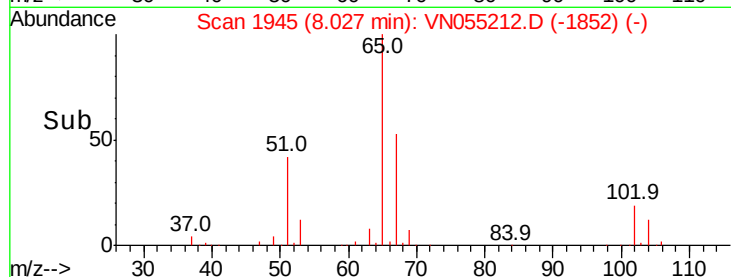
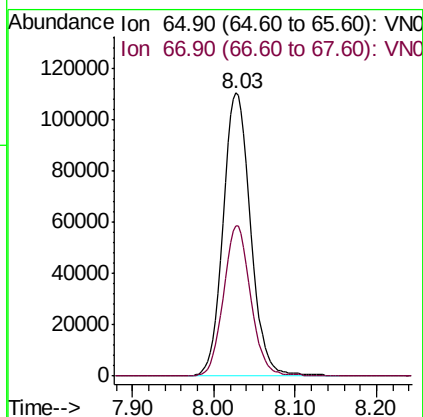
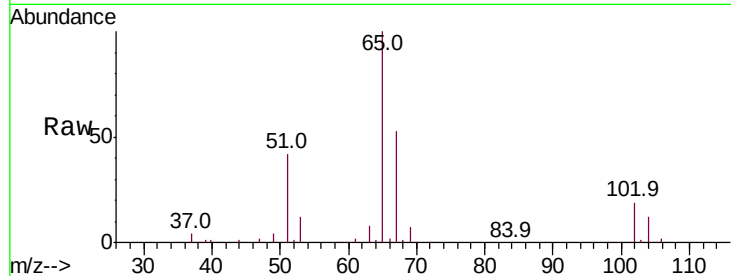




#33
 1,2-Dichloroethane-d4
 Concen: 49.620 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

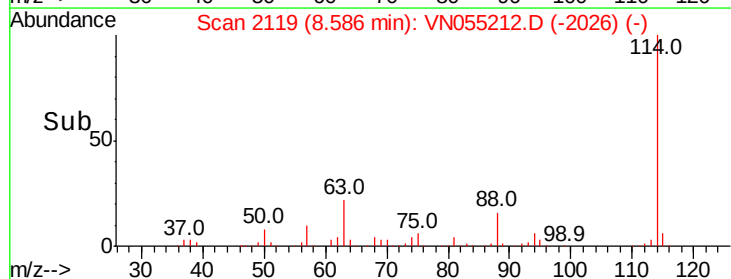
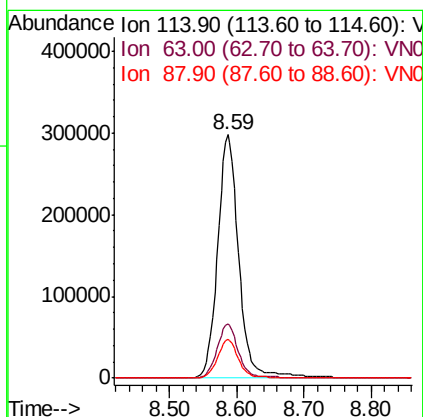
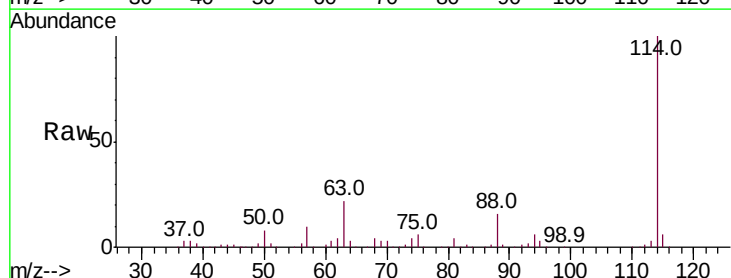
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

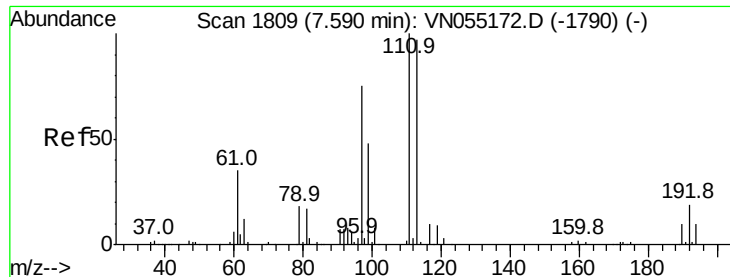
Tot Ion: 65 Resp: 263202
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

Tgt Ion: 114 Resp: 654598
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.8 0.0 32.8

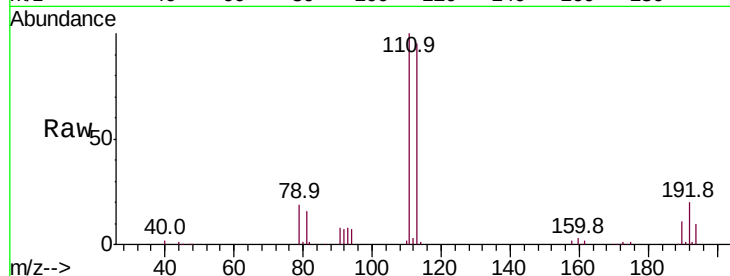




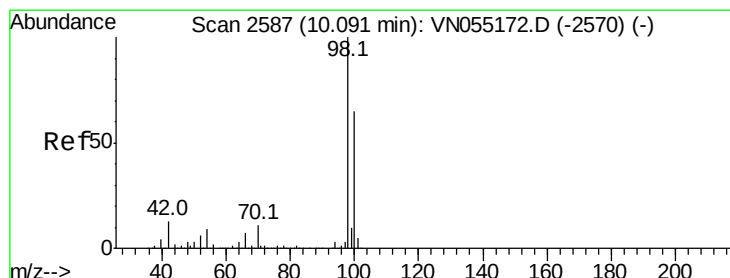
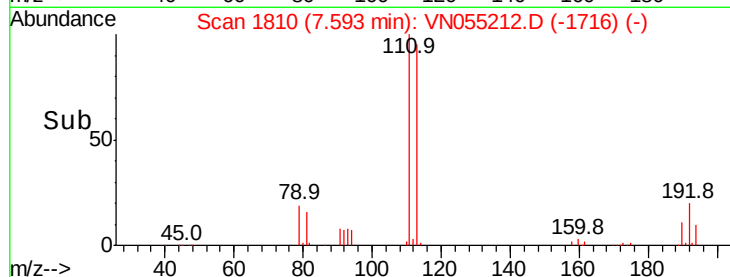
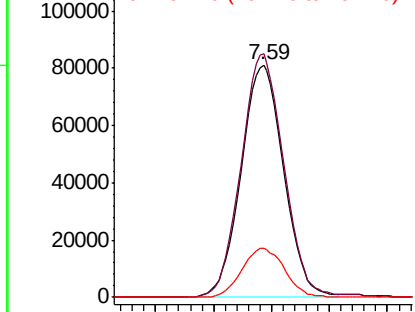
#35
 Dibromofluoromethane
 Concen: 46.481 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion:113 Resp: 206702
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.0 121.4
 192 21.3 16.2 24.4

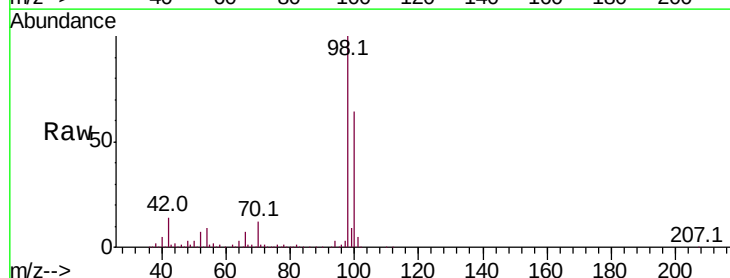


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

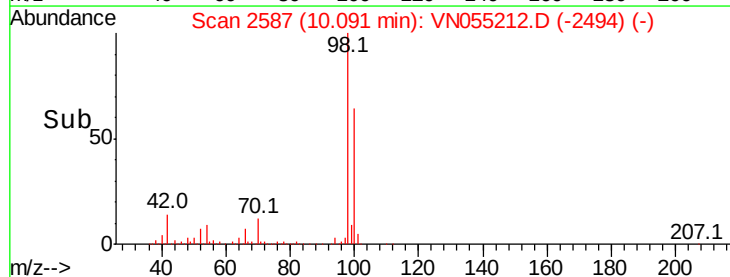
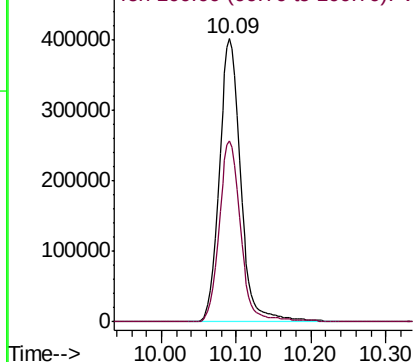


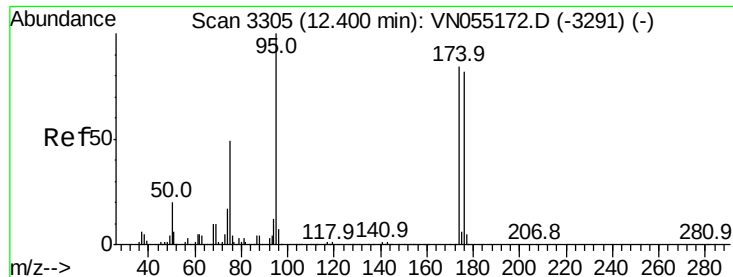
#50
 Toluene-d8
 Concen: 48.114 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

Tgt Ion: 98 Resp: 792757
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.965 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

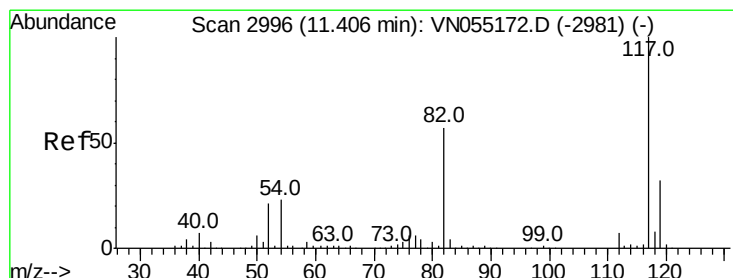
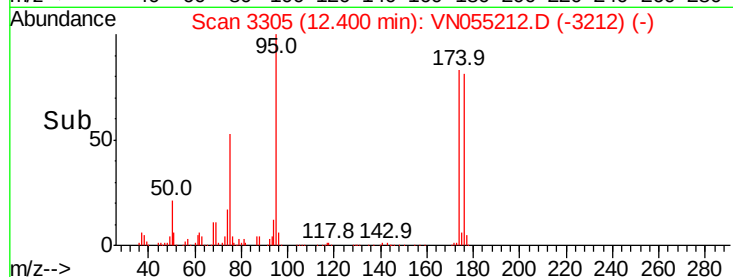
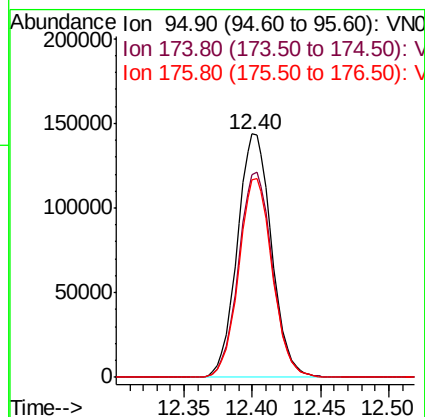
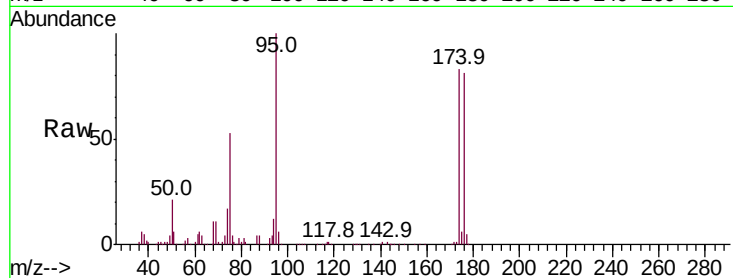
Tot Ion: 95 Resp: 250272

Ion Ratio Lower Upper

95 100

174 83.4 0.0 168.4

176 80.2 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: VN055212.D

Acq: 23 Apr 2019 17:45

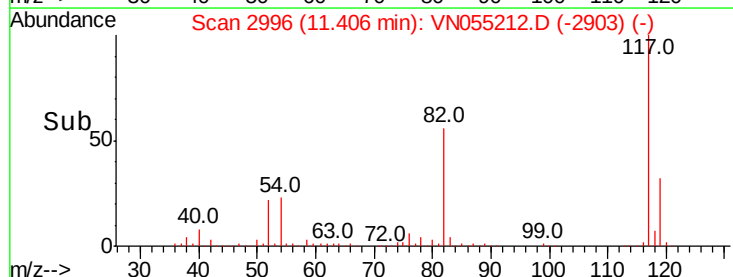
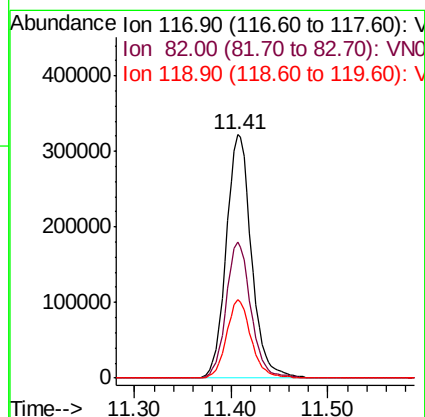
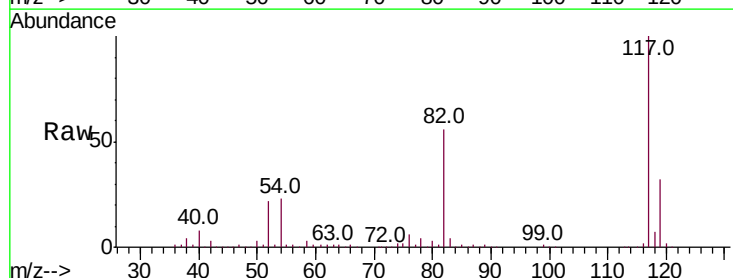
Tgt Ion: 117 Resp: 582913

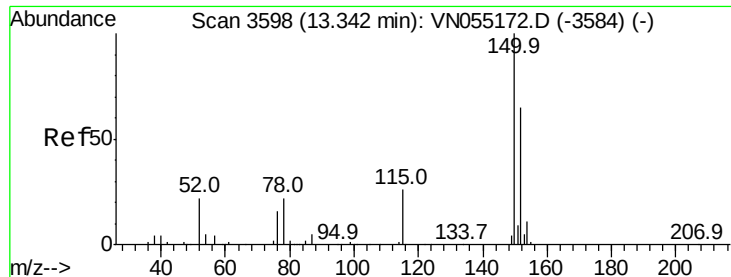
Ion Ratio Lower Upper

117 100

82 55.7 45.7 68.5

119 32.2 25.4 38.2



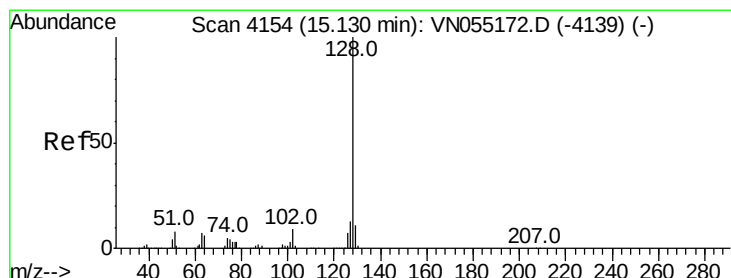
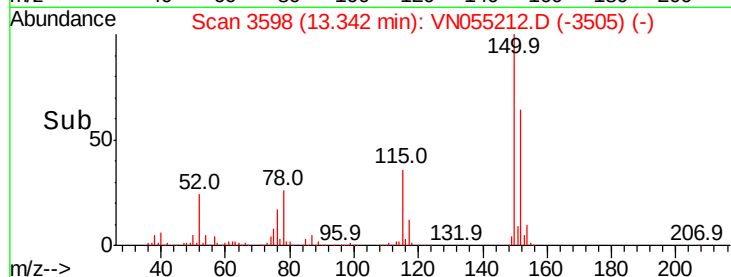
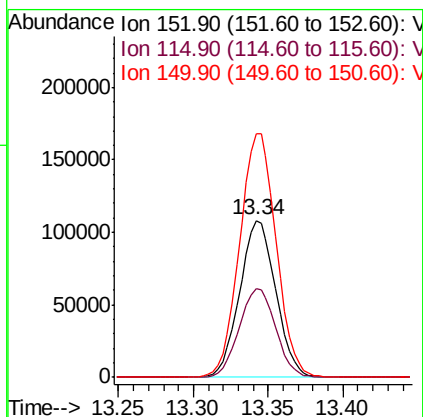
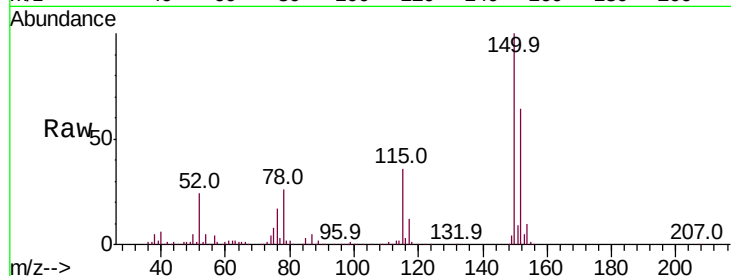


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
SOIL-ROLLOFFS

Tot Ion:152 Resp: 181783
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.0 0.0 346.6



#95

Naphthalene
Concen: 5.657 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion:128 Resp: 14208
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 8.8 13.2

