

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055207.D
 Acq On : 23 Apr 2019 15:37
 Operator : JC/SP
 Sample : K2518-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-SOIL

Quant Time: Apr 24 04:51:29 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

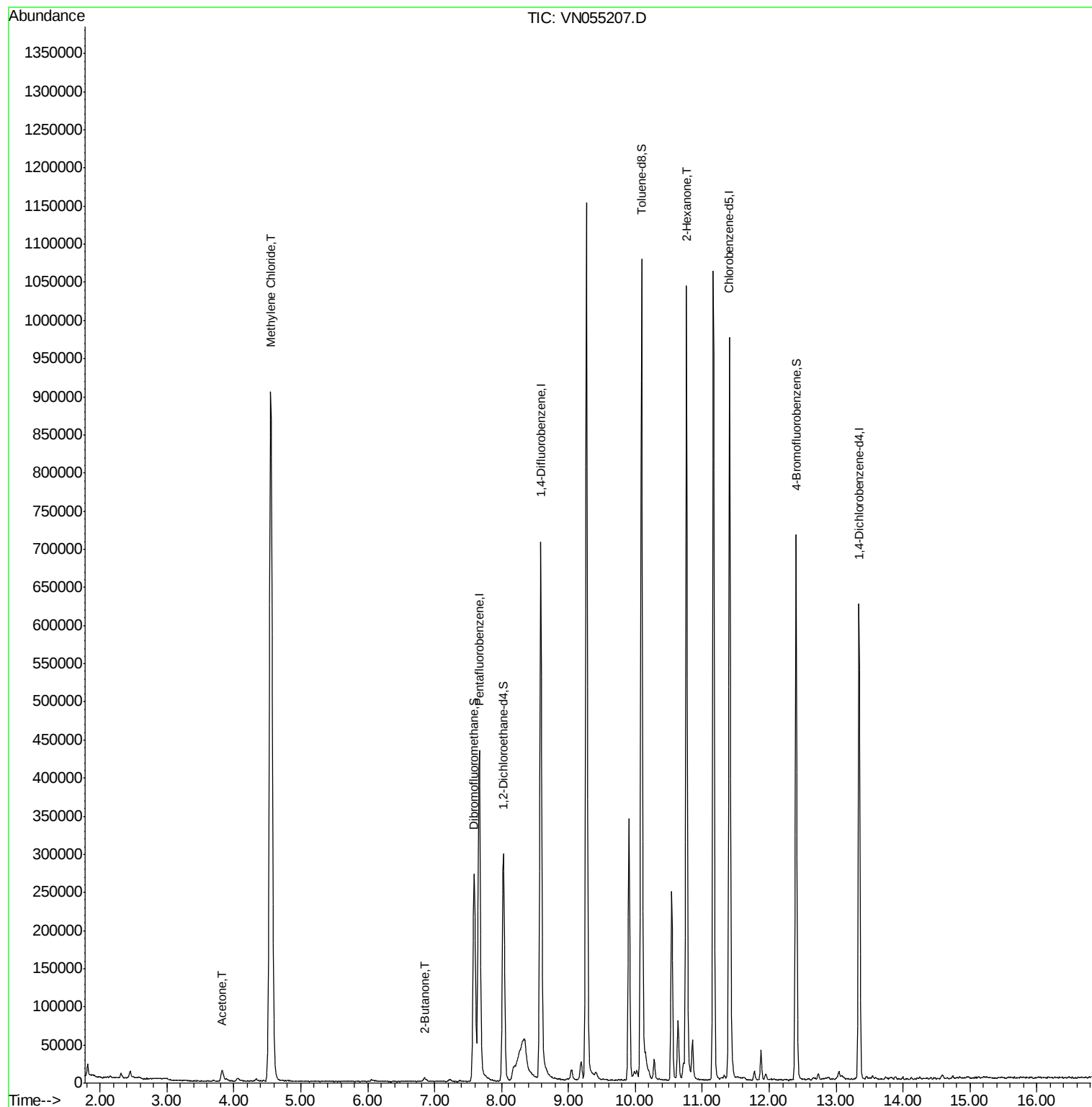
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	369417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	637879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	255349	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	204948	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	782956	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	240254	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
Target Compounds						
16) Acetone	3.82	43	26668	16.134	ug/l	95
20) Methylene Chloride	4.55	84	642211	135.146	ug/l	97
25) 2-Butanone	6.85	43	10838	5.079	ug/l	99
59) 2-Hexanone	10.76	43	165309	58.782	ug/l #	56

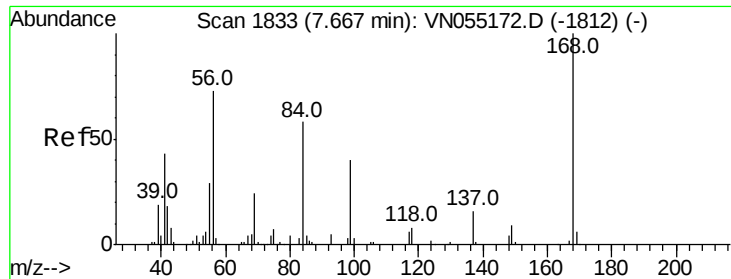
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042319\
Data File : VN055207.D
Acq On : 23 Apr 2019 15:37
Operator : JC/SP
Sample : K2518-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MUDDY-SOIL

Quant Time: Apr 24 04:51:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
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: VN055207.D

Acq: 23 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

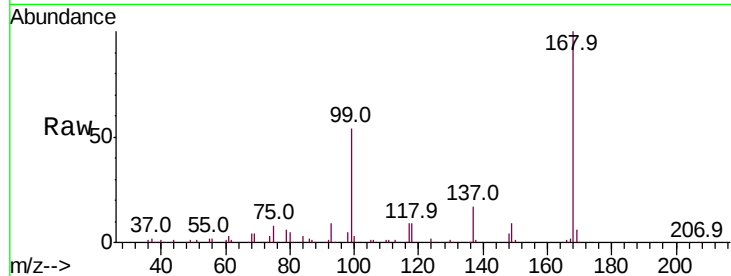
MUDDY-SOIL

Tot Ion:168 Resp: 369417

Ion Ratio Lower Upper

168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055207.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055207.D (-1740) (-)

7.67

150000

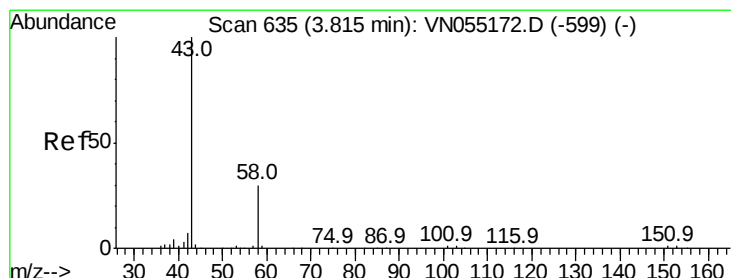
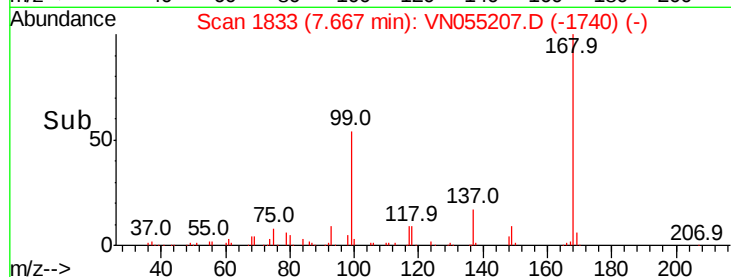
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 16.134 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055207.D

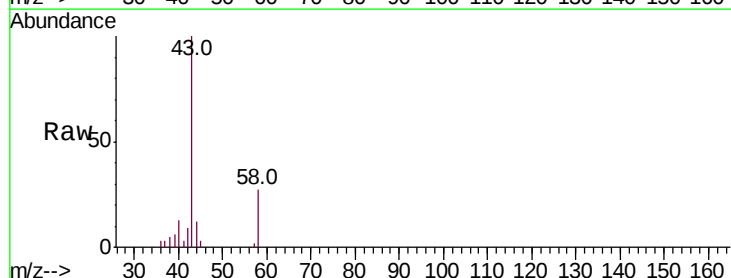
Acq: 23 Apr 2019 15:37

Tgt Ion: 43 Resp: 26668

Ion Ratio Lower Upper

43 100

58 27.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055207.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN055207.D (-542) (-)

3.82

10000

8000

6000

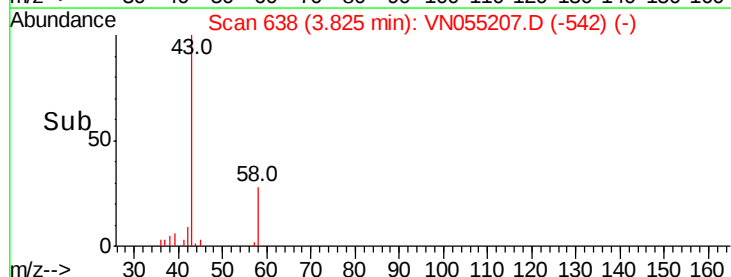
4000

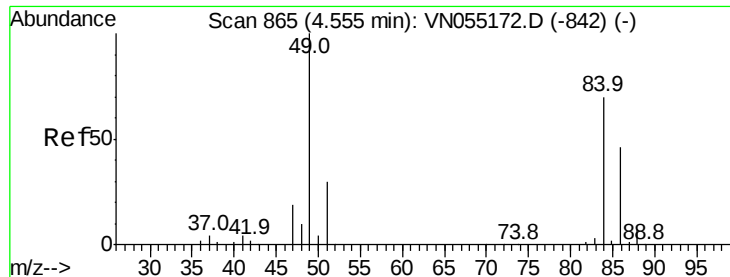
2000

0

3.70 3.80 3.90

Time-->

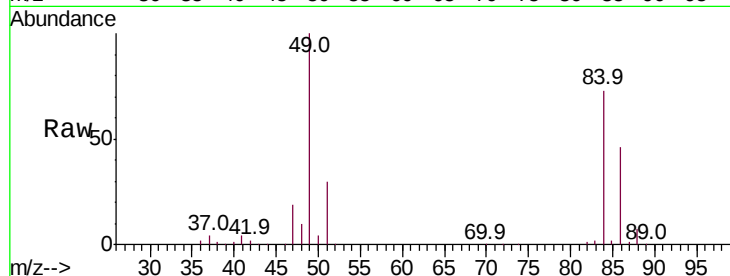




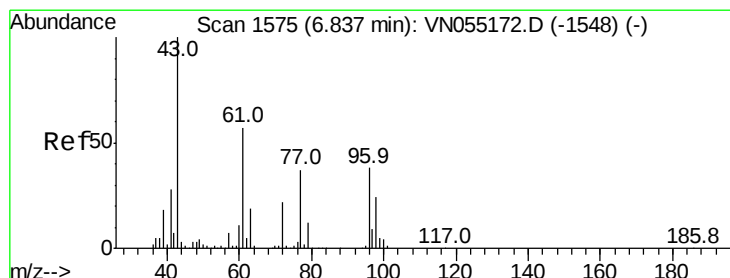
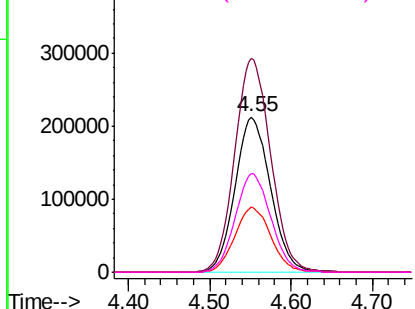
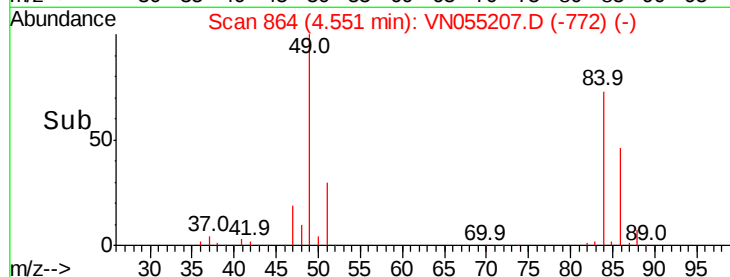
#20
Methylene Chloride
Concen: 135.146 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055207.D
Acq: 23 Apr 2019 15:37

Instrument :
MSVOA_N
ClientSampled :
MUDDY-SOIL

Tot Ion: 84 Resp: 642211
Ion Ratio Lower Upper
84 100
49 137.7 113.8 170.6
51 41.7 34.0 51.0
86 63.3 52.3 78.5

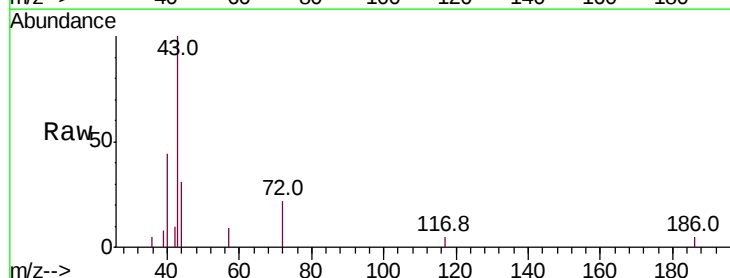


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

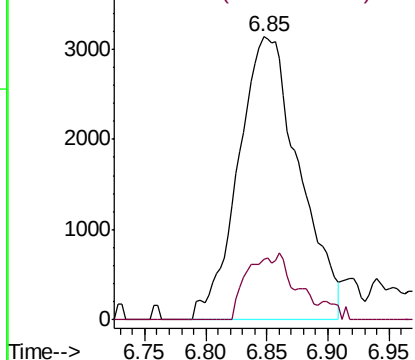
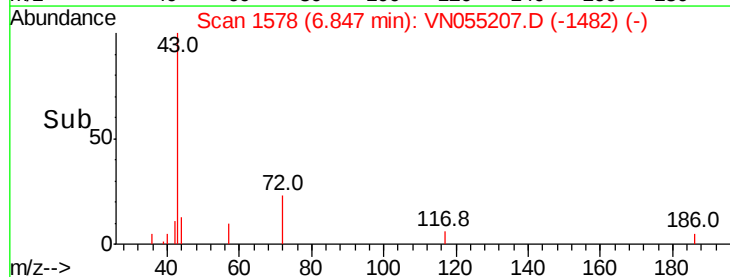


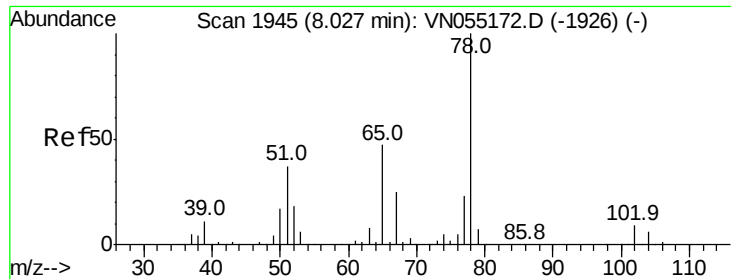
#25
2-Butanone
Concen: 5.079 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055207.D
Acq: 23 Apr 2019 15:37

Tgt Ion: 43 Resp: 10838
Ion Ratio Lower Upper
43 100
72 21.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

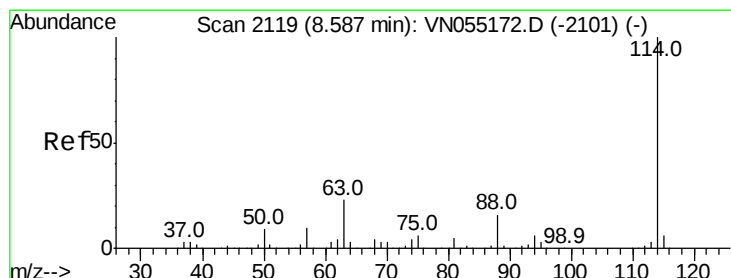
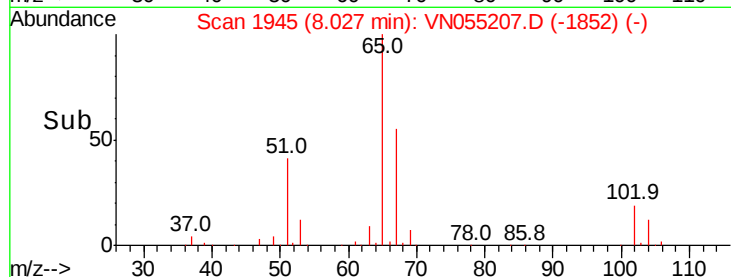
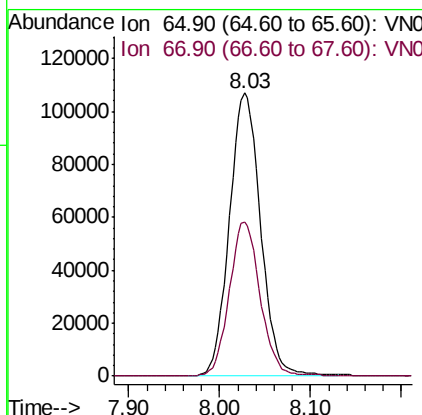
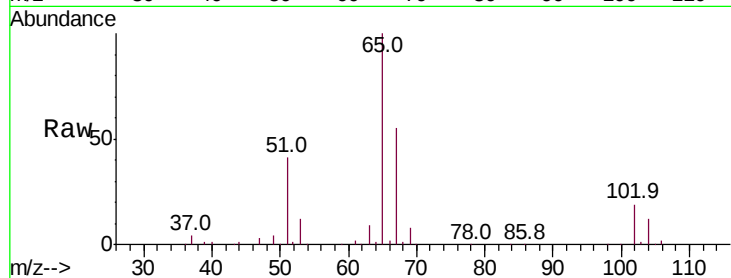




#33
 1,2-Dichloroethane-d4
 Concen: 51.068 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055207.D
 Acq: 23 Apr 2019 15:37

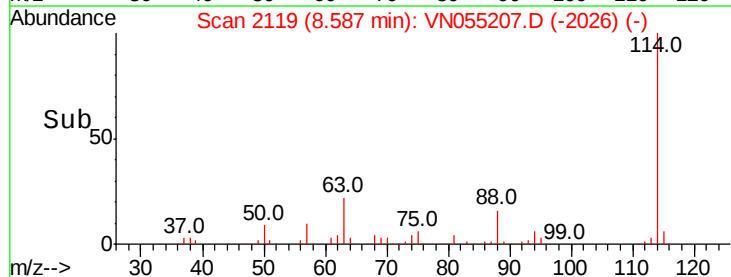
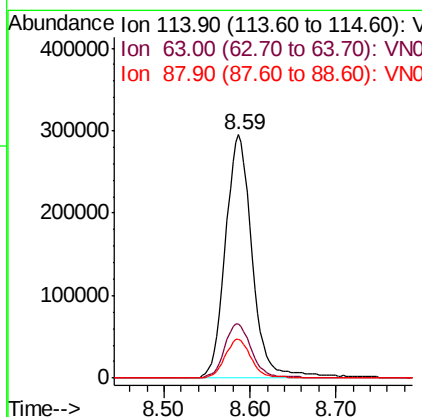
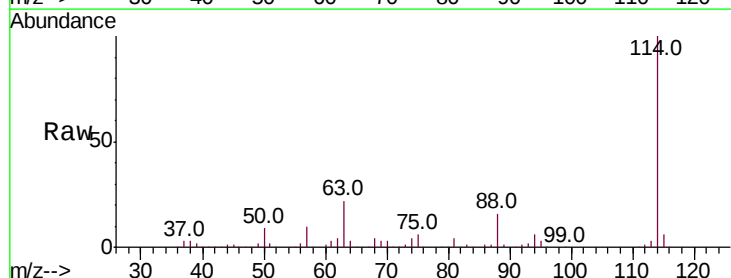
Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-SOIL

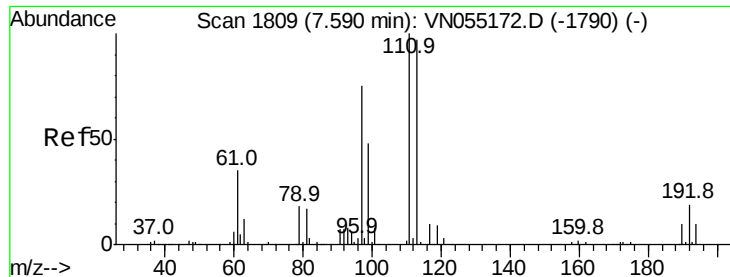
Tot Ion: 65 Resp: 255349
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055207.D
 Acq: 23 Apr 2019 15:37

Tgt Ion: 114 Resp: 637879
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.2 0.0 32.8

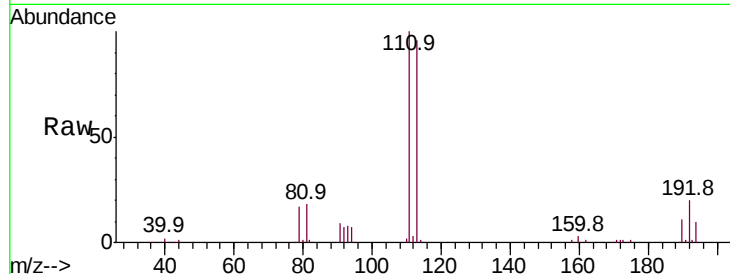




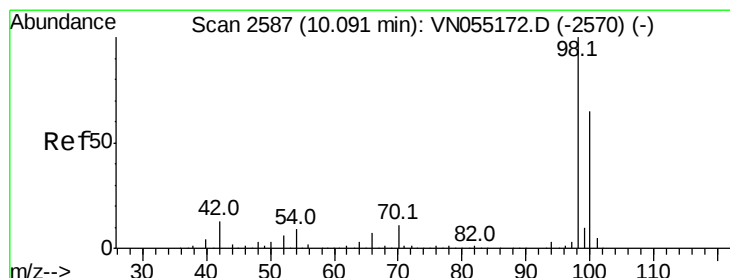
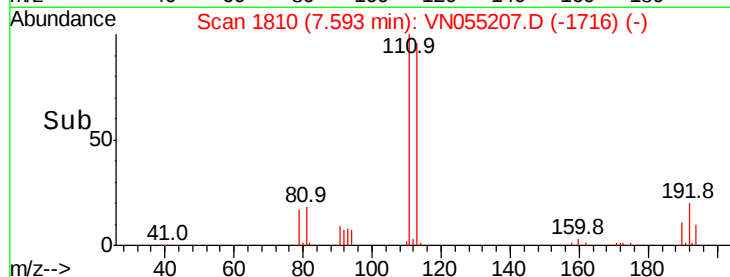
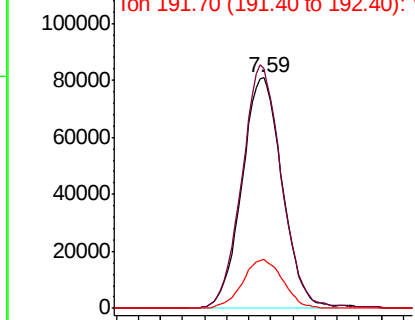
#35
 Dibromofluoromethane
 Concen: 47.295 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055207.D
 Acq: 23 Apr 2019 15:37

Instrument :
 MSVOA_N
 ClientSampled :
 MUDDY-SOIL

Tot Ion:113 Resp: 204948
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.4
 192 21.2 16.2 24.4

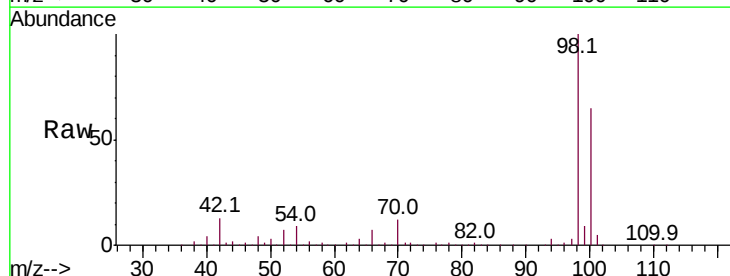


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

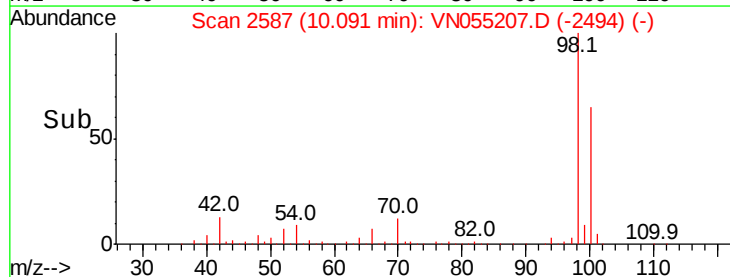
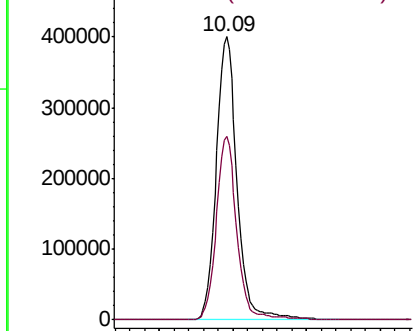


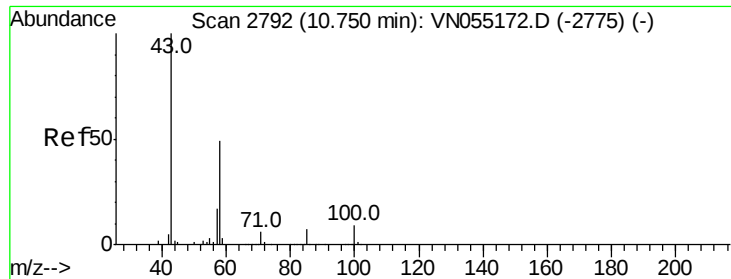
#50
 Toluene-d8
 Concen: 48.764 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055207.D
 Acq: 23 Apr 2019 15:37

Tgt Ion: 98 Resp: 782956
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.8 77.6



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





#59

2-Hexanone

Concen: 58.782 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055207.D

Acq: 23 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

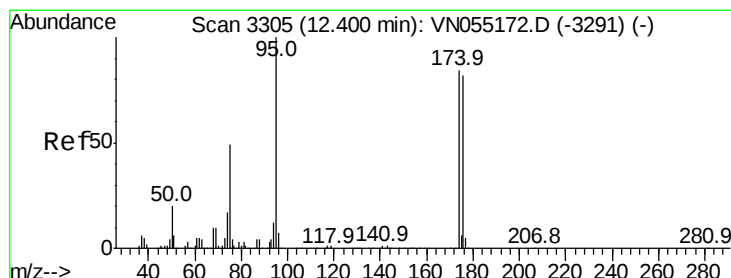
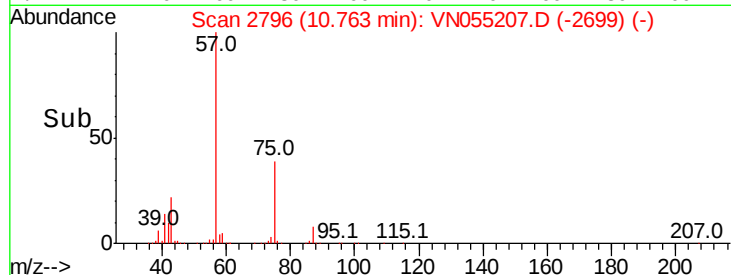
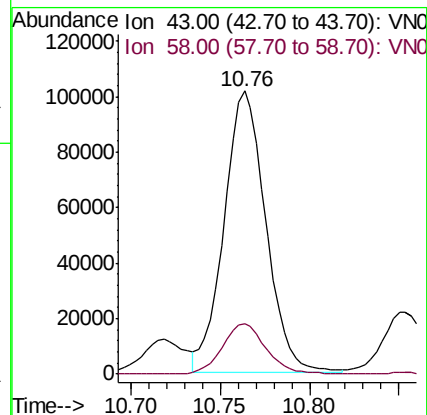
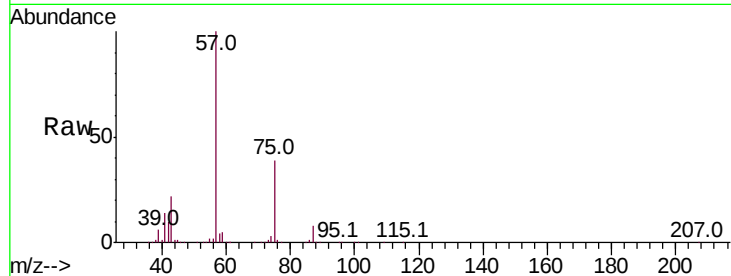
MUDDY-SOIL

Tot Ion: 43 Resp: 165309

Ion Ratio Lower Upper

43 100

58 19.0 24.5 73.5#



#62

4-Bromofluorobenzene

Concen: 47.252 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055207.D

Acq: 23 Apr 2019 15:37

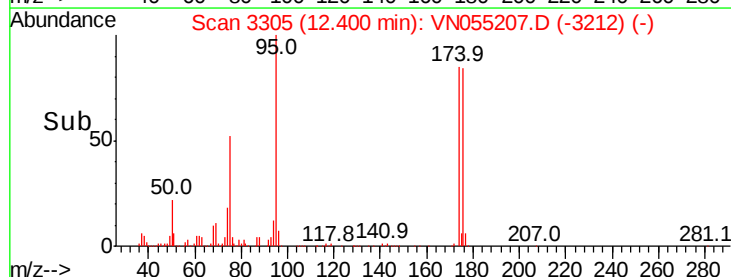
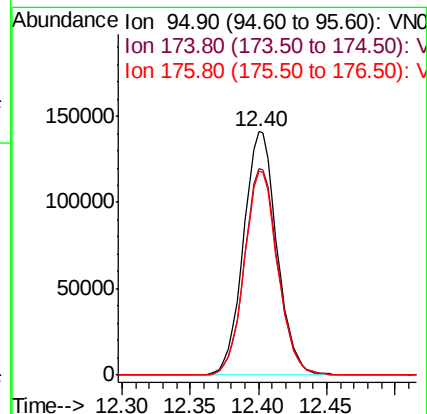
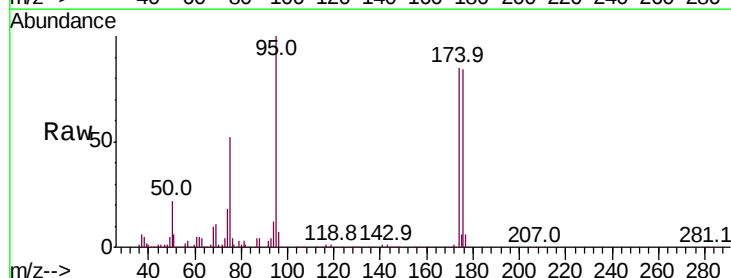
Tgt Ion: 95 Resp: 240254

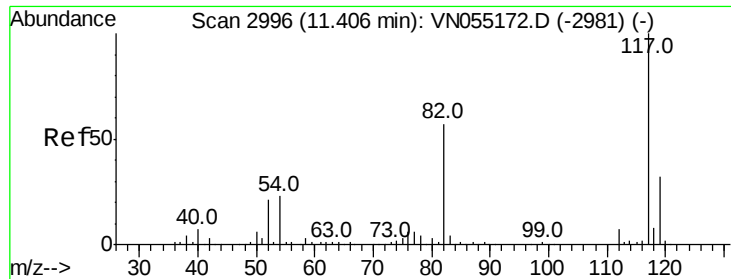
Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.4

176 83.4 0.0 164.0

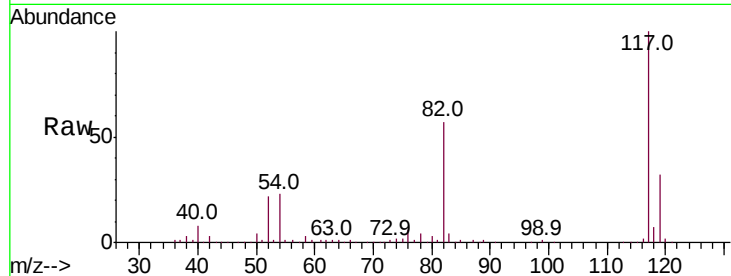




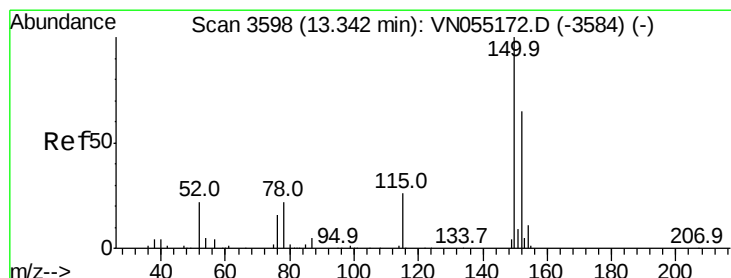
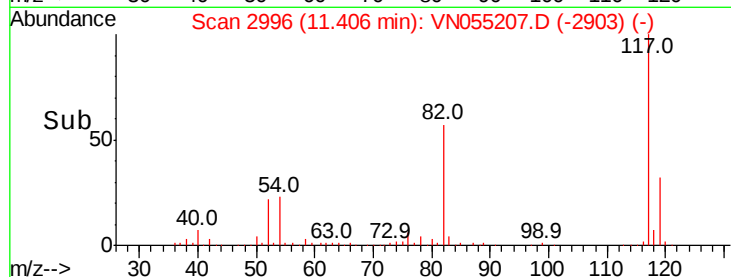
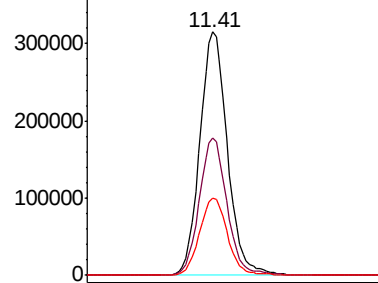
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055207.D
Acq: 23 Apr 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
MUDDY-SOIL

Tot Ion:117 Resp: 569025
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 31.7 25.4 38.2

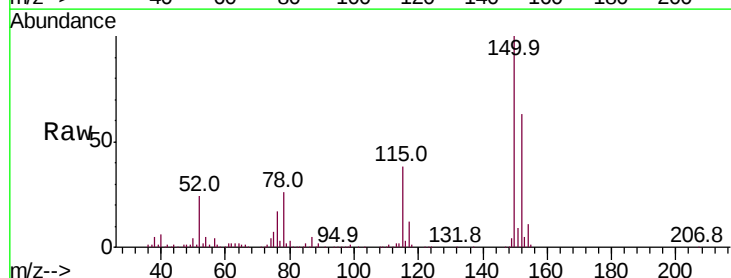


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055207.D
Acq: 23 Apr 2019 15:37

Tgt Ion:152 Resp: 168329
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 158.8 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

