

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050964.D
 Acq On : 30 Aug 2018 15:51
 Operator : MD\SY
 Sample : J4699-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-1

Quant Time: Aug 31 04:50:06 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

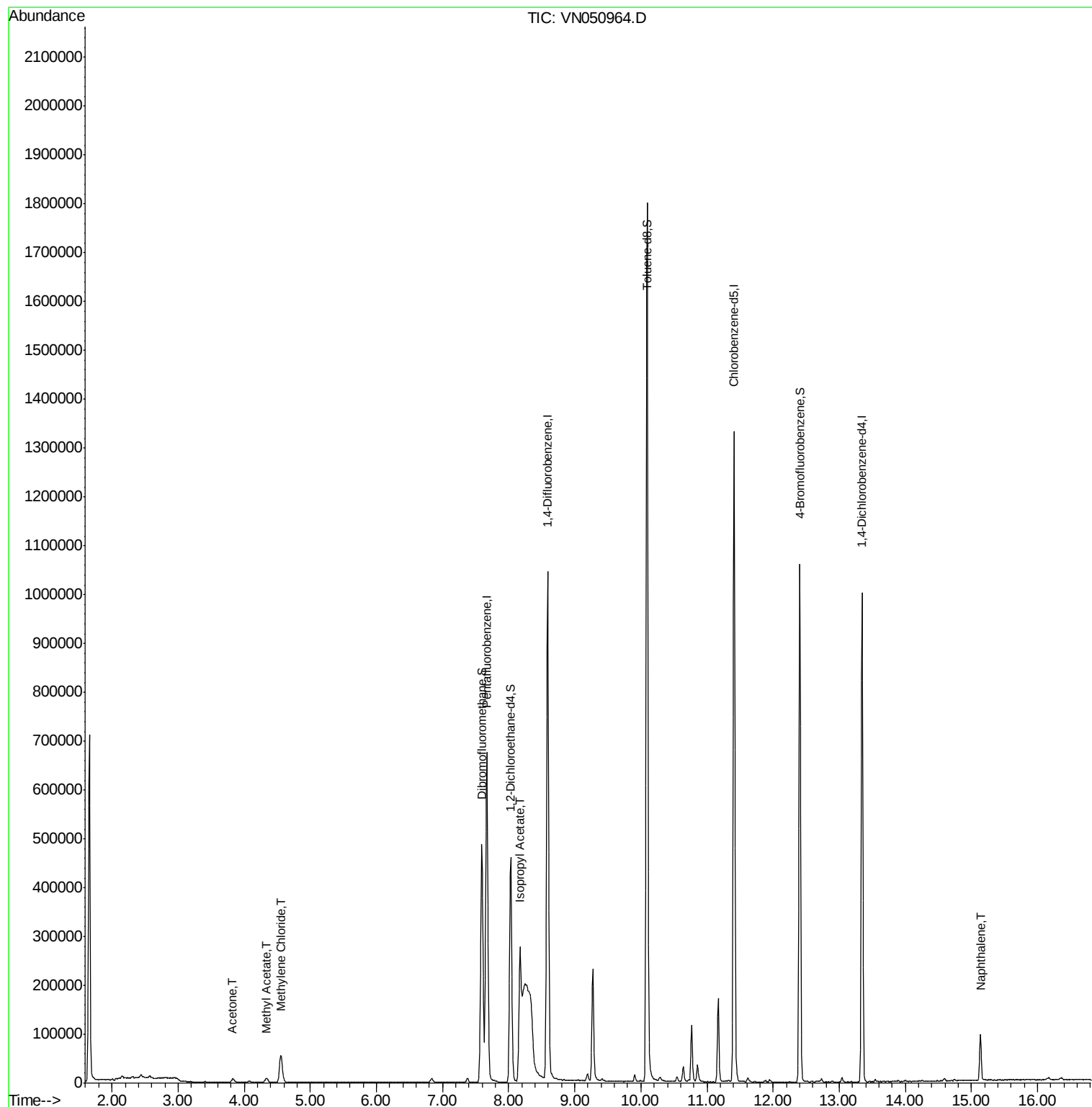
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	986872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	835617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	391382	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	7.60	113	377219	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1322858	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.40	95	360658	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.94%	
Target Compounds						
16) Acetone	3.82	43	14474	1.52	ug/l	99
18) Methyl Acetate	4.34	43	18878	2.79	ug/l	95
20) Methylene Chloride	4.55	84	44604	5.53	ug/l	97
43) Isopropyl Acetate	8.17	43	341845	29.72	ug/l #	89
95) Naphthalene	15.14	128	81586	11.63	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050964.D

Acq: 30 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

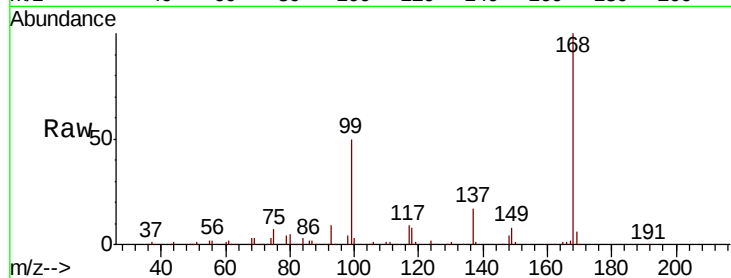
CG-SOIL-1

Tot Ion:168 Resp: 594367

Ion Ratio Lower Upper

168 100

99 50.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

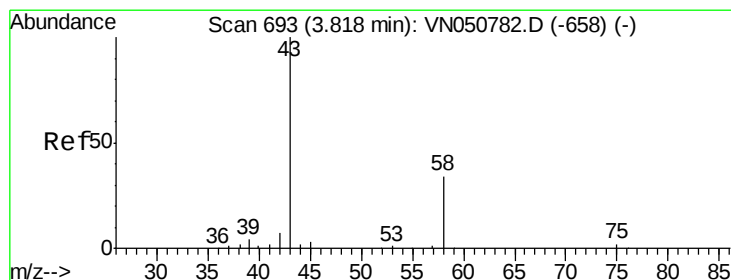
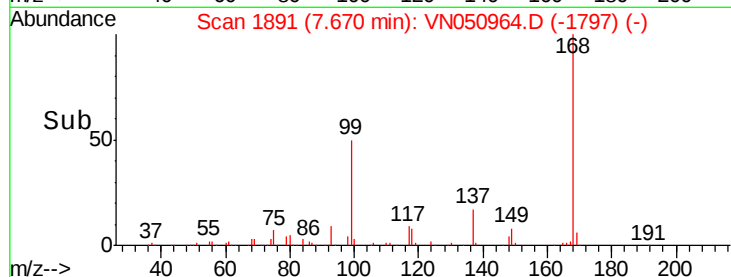
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.52 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050964.D

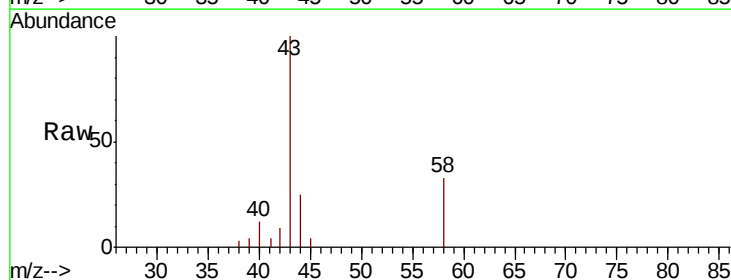
Acq: 30 Aug 2018 15:51

Tgt Ion: 43 Resp: 14474

Ion Ratio Lower Upper

43 100

58 33.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

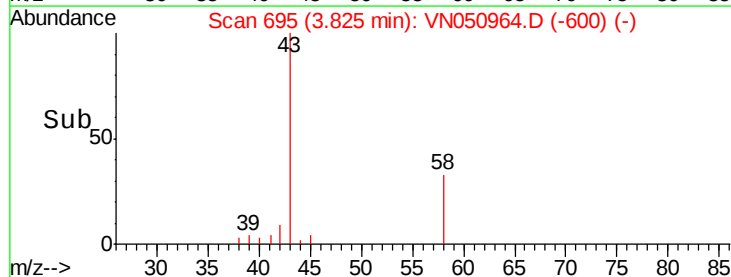
3000

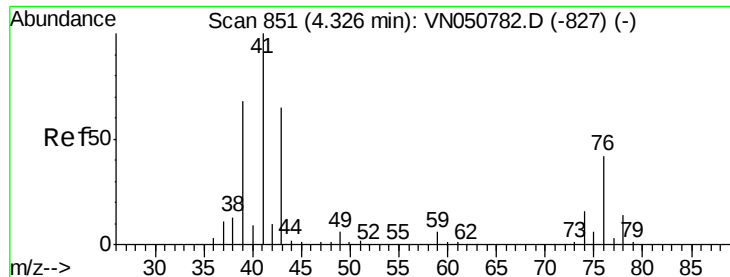
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

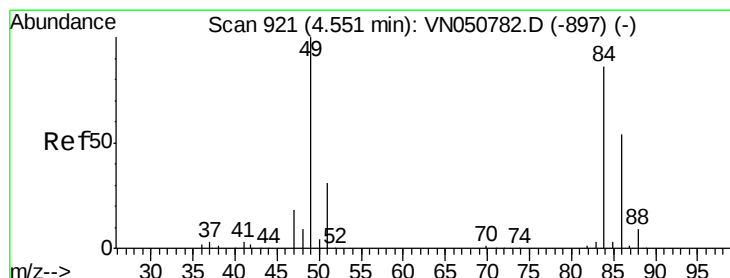
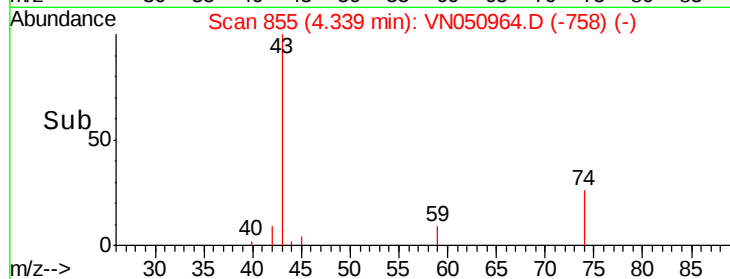
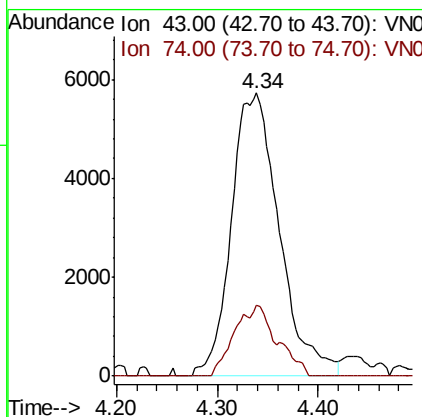
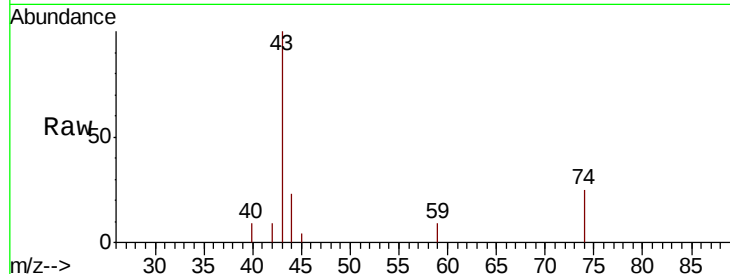




#18
Methvl Acetate
Concen: 2.79 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050964.D
Acq: 30 Aug 2018 15:51

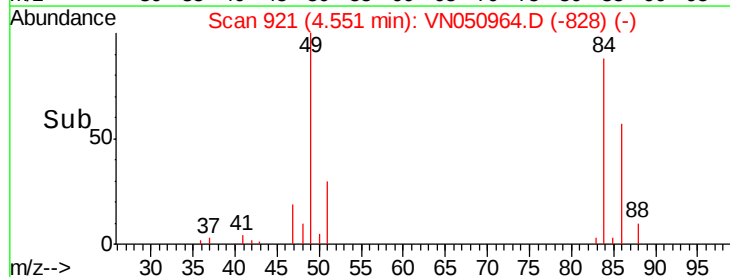
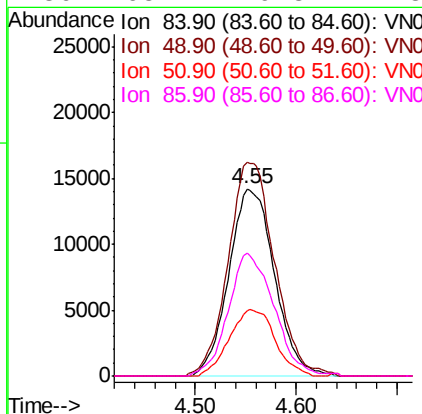
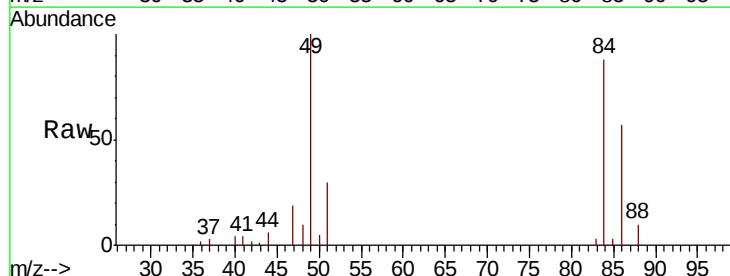
Instrument :
MSVOA_N
ClientSampled :
CG-SOIL-1

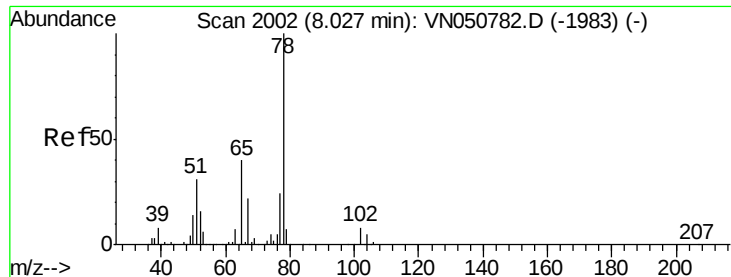
Tot Ion: 43 Resp: 18878
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.8



#20
Methylene Chloride
Concen: 5.53 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050964.D
Acq: 30 Aug 2018 15:51

Tgt Ion: 84 Resp: 44604
Ion Ratio Lower Upper
84 100
49 114.3 93.2 139.8
51 34.8 29.0 43.6
86 65.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 54.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050964.D

Acq: 30 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

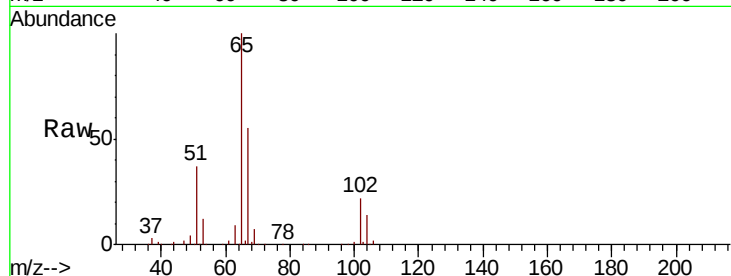
CG-SOIL-1

Tot Ion: 65 Resp: 391382

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

150000

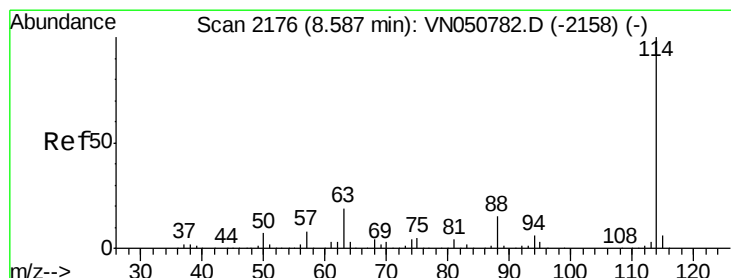
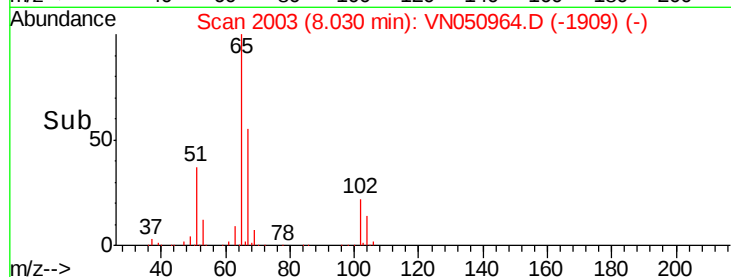
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050964.D

Acq: 30 Aug 2018 15:51

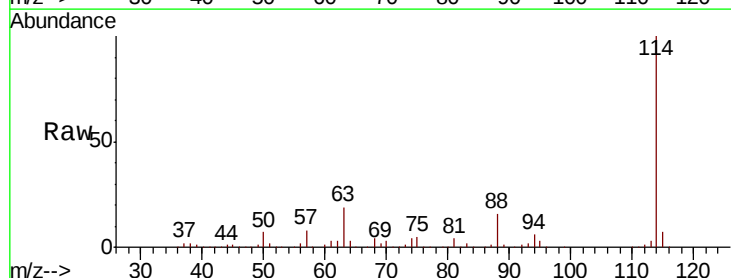
Tgt Ion: 114 Resp: 986872

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050782.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050782.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050782.D (-2158) (-)

8.59

600000

500000

400000

300000

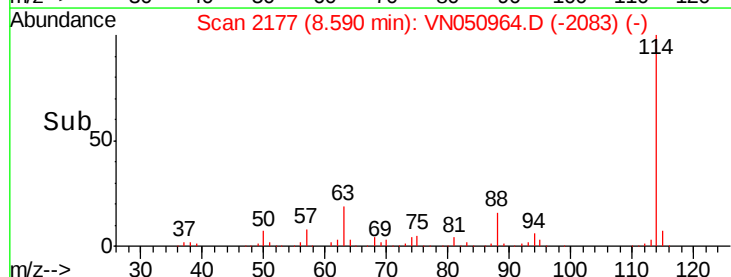
200000

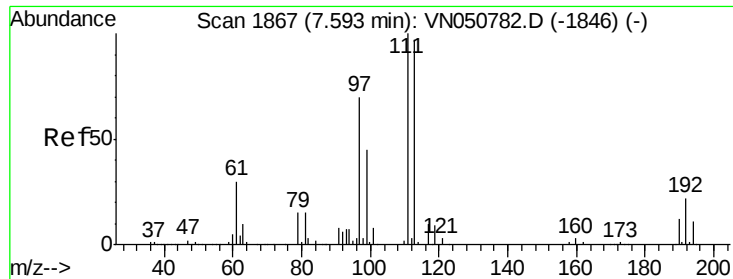
100000

0

8.50 8.60 8.70

Time-->

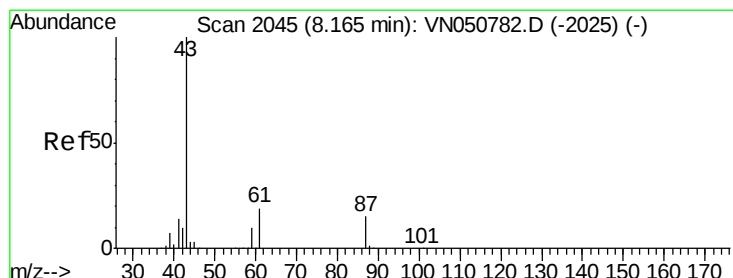
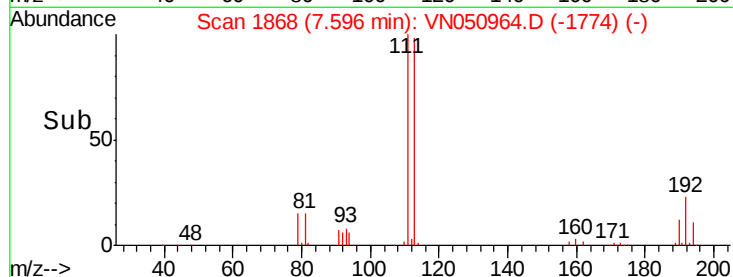
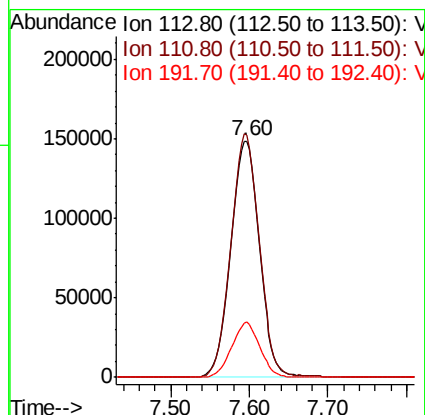
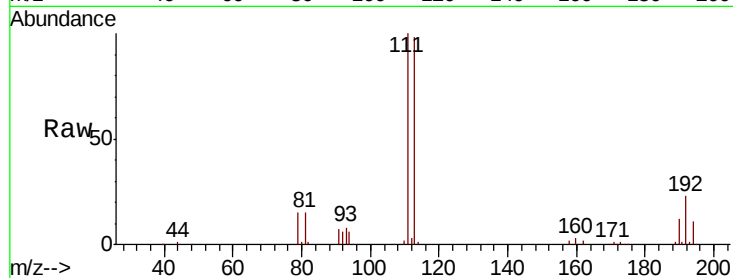




#35
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050964.D
 Acq: 30 Aug 2018 15:51

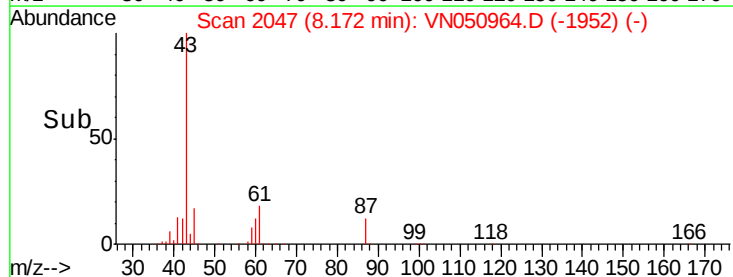
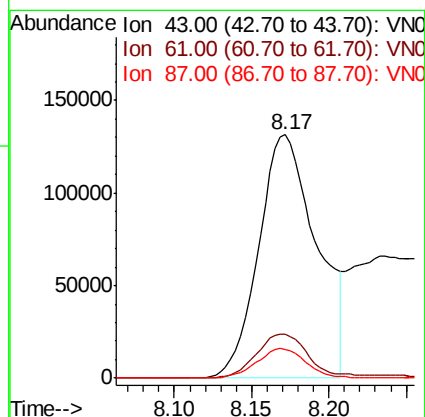
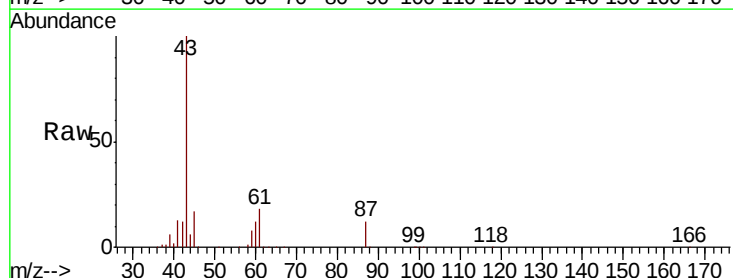
Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-1

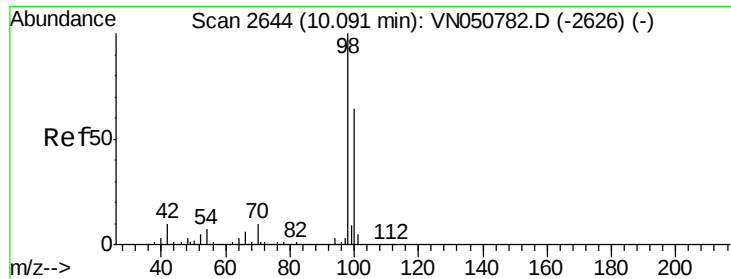
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 29.72 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050964.D
 Acq: 30 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.4	17.5	26.3#
87	10.2	11.3	16.9#





#50

Toluene-d8

Concen: 45.07 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050964.D

Acq: 30 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

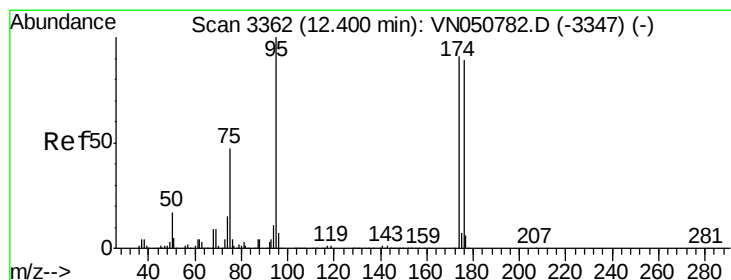
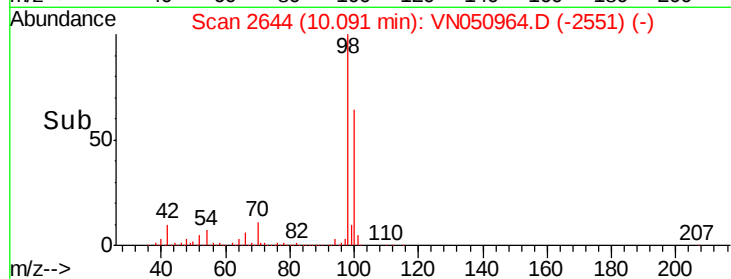
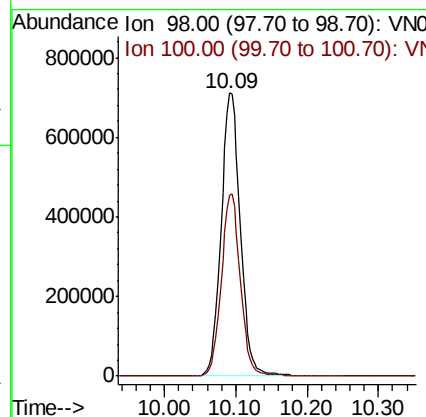
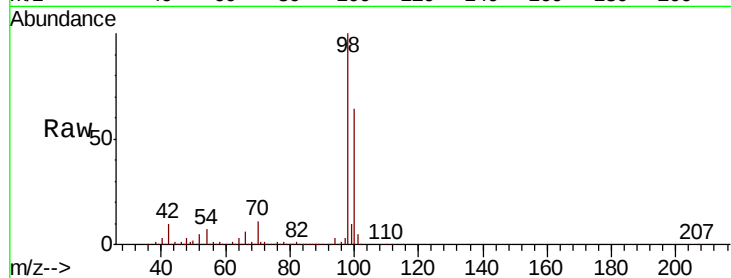
CG-SOIL-1

Tot Ion: 98 Resp: 1322858

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050964.D

Acq: 30 Aug 2018 15:51

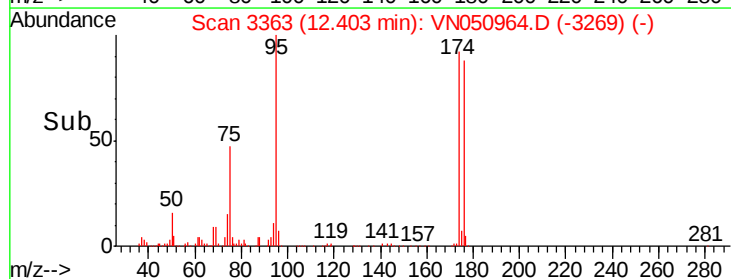
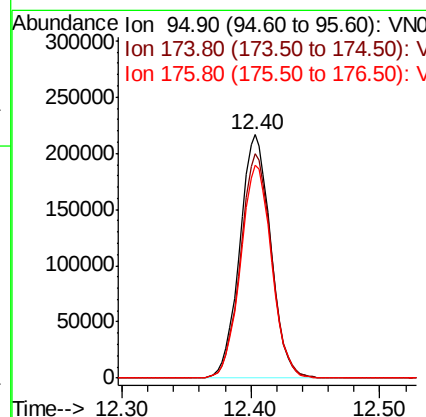
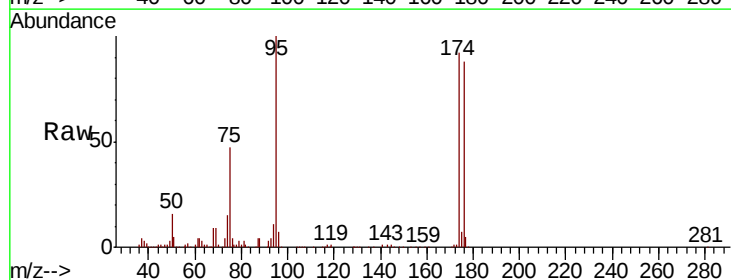
Tgt Ion: 95 Resp: 360658

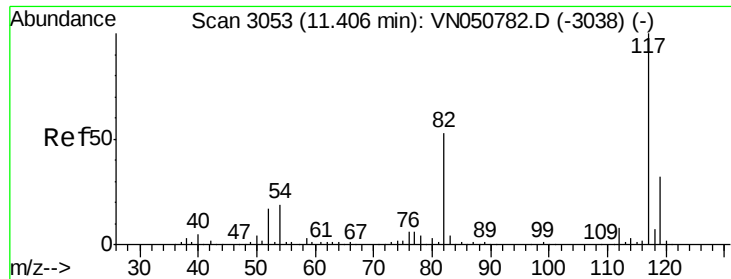
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

176 88.0 0.0 178.8

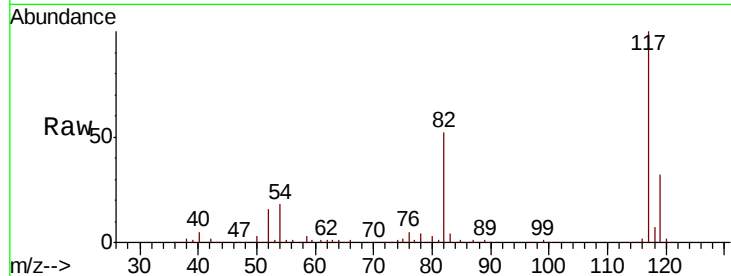




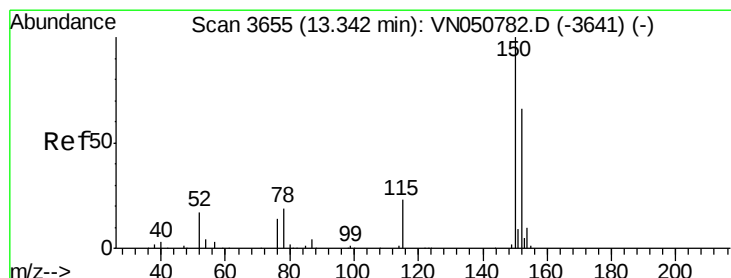
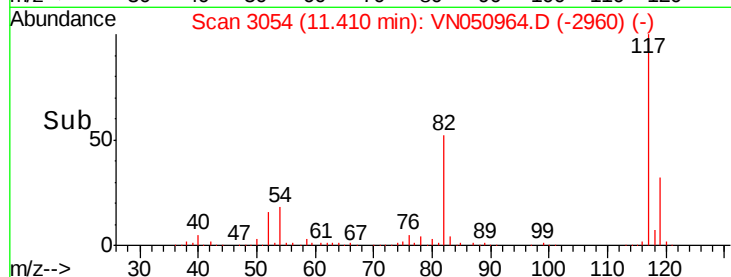
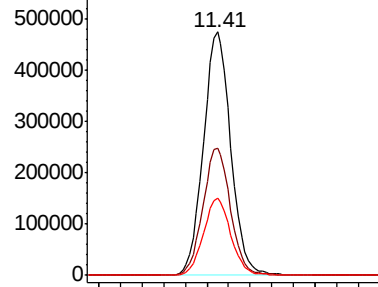
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050964.D
Acq: 30 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampled :
CG-SOIL-1

Tot Ion:117 Resp: 835617
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 31.9 25.8 38.6

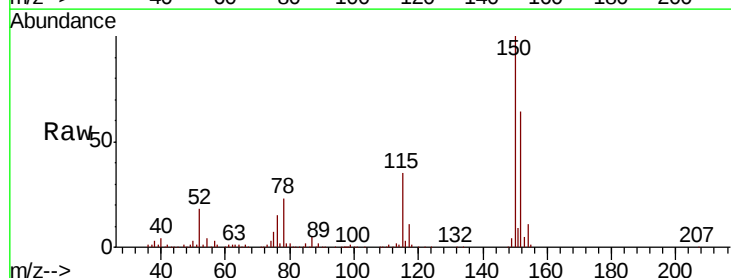


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

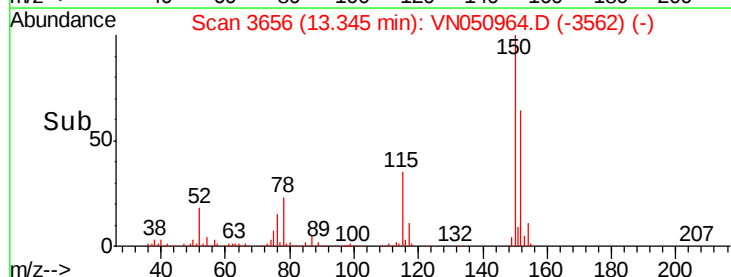
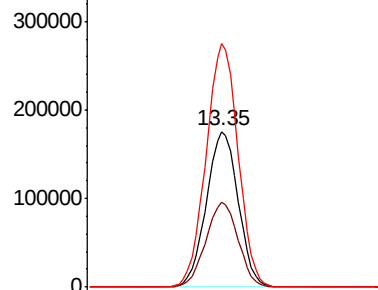


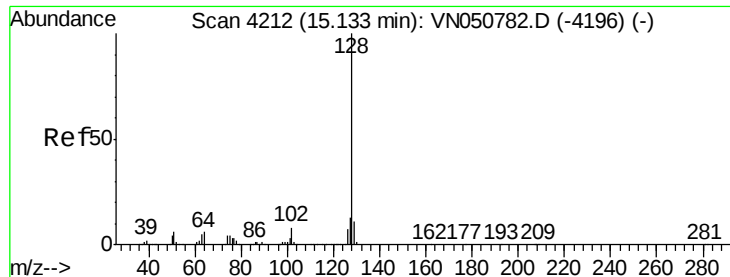
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050964.D
Acq: 30 Aug 2018 15:51

Tgt Ion:152 Resp: 292360
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 157.3 0.0 351.4



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: 11.63 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050964.D
Acq: 30 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	11.2	8.7	13.1

