

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050965.D
 Acq On : 30 Aug 2018 16:16
 Operator : MD\SY
 Sample : J4699-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-2

Quant Time: Aug 31 05:03:41 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

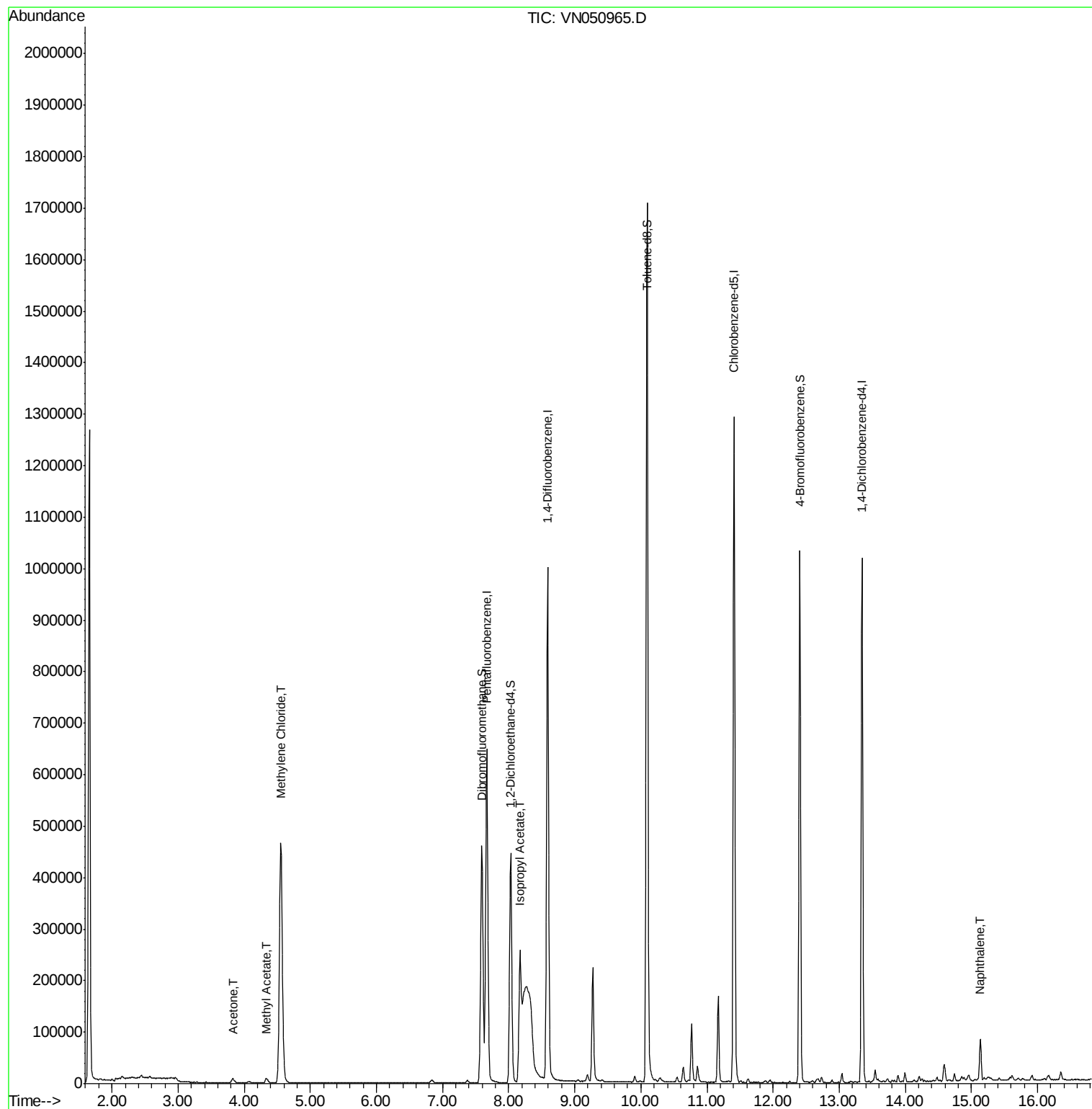
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	564582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	944963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376376	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	7.60	113	360904	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1265573	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
62) 4-Bromofluorobenzene	12.40	95	350669	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
Target Compounds						
16) Acetone	3.83	43	15423	2.59	ug/l	96
18) Methyl Acetate	4.33	43	16425	2.56	ug/l	97
20) Methylene Chloride	4.55	84	378274	49.38	ug/l	97
43) Isopropyl Acetate	8.17	43	338608	30.74	ug/l #	88
95) Naphthalene	15.14	128	71884	10.92	ug/l	100

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

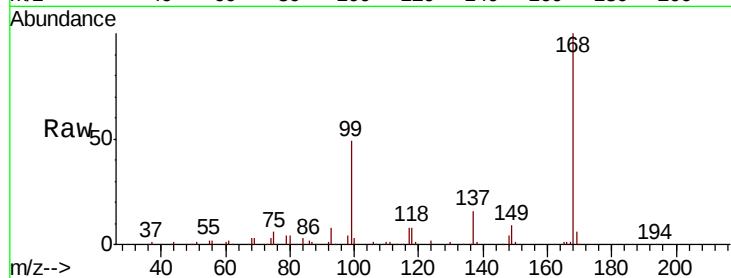
CG-SOIL-2

Tot Ion:168 Resp: 564582

Ion Ratio Lower Upper

168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

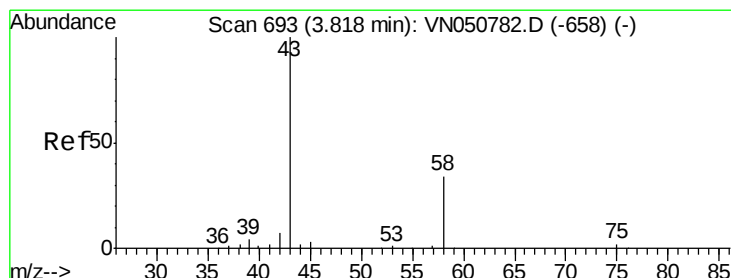
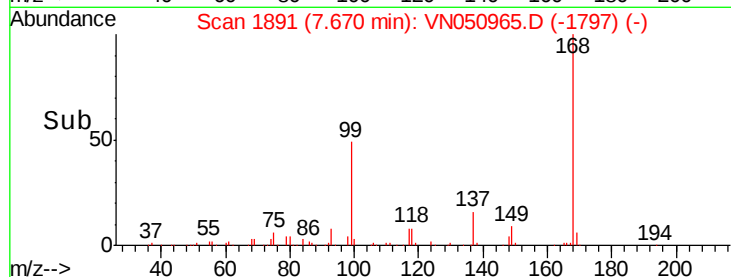
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.59 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050965.D

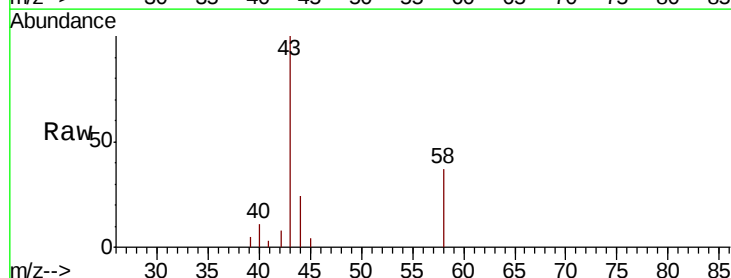
Acq: 30 Aug 2018 16:16

Tgt Ion: 43 Resp: 15423

Ion Ratio Lower Upper

43 100

58 36.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-658) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-658) (-)

3.83

6000

5000

4000

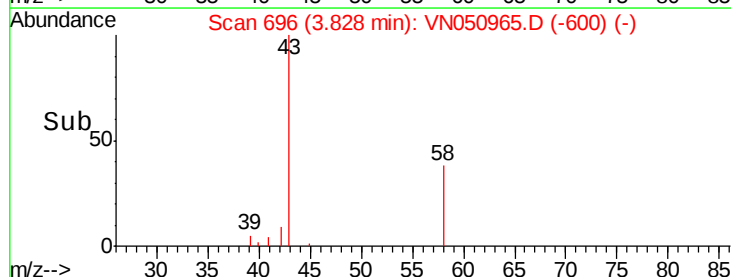
3000

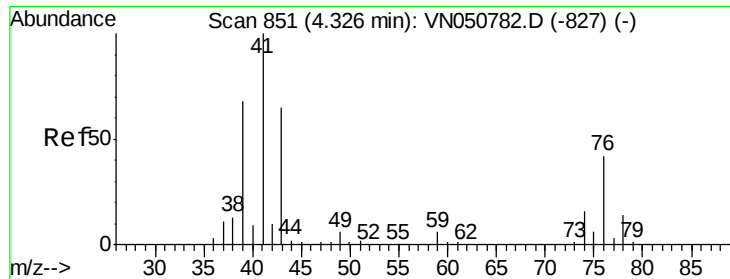
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1000

0

Time-->

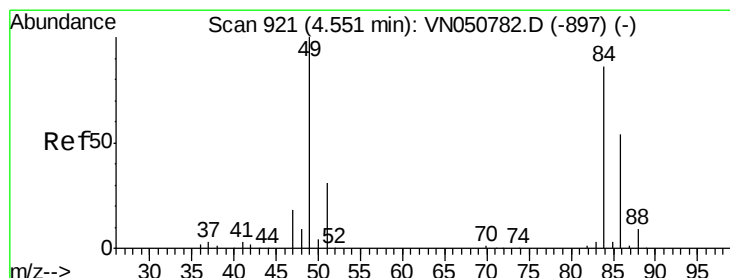
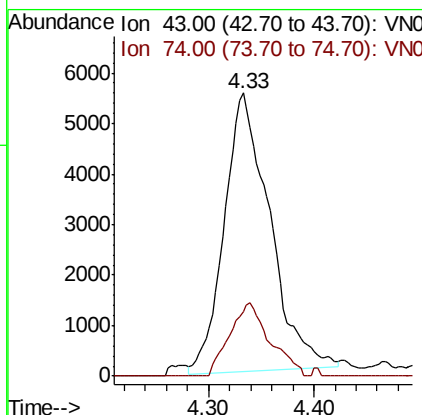
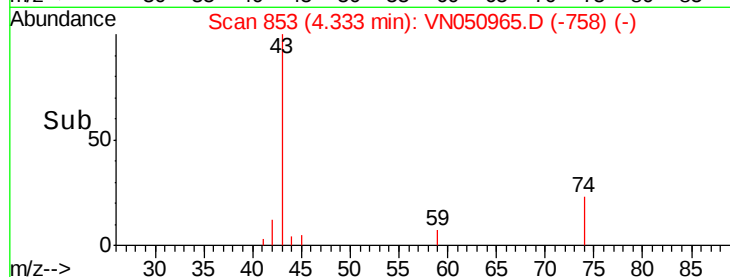
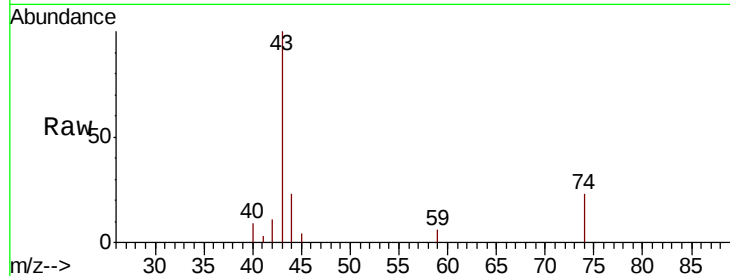




#18
Methyl Acetate
Concen: 2.56 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

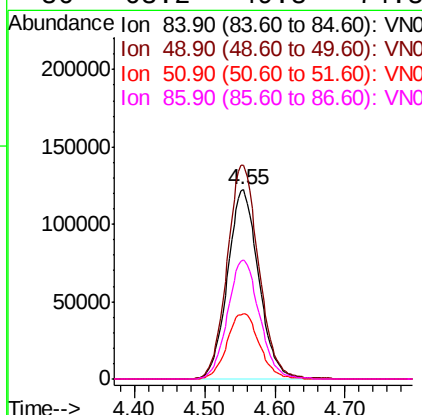
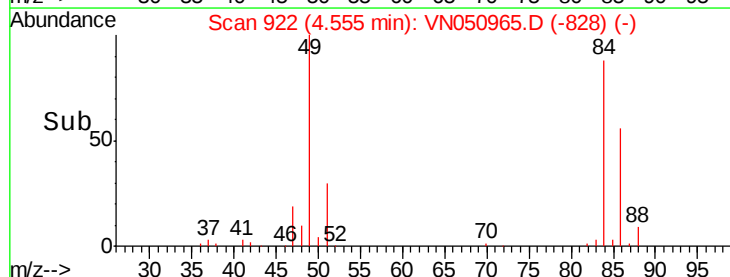
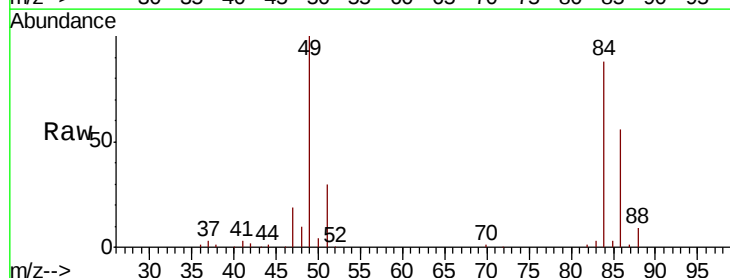
Instrument :
MSVOA_N
ClientSampled :
CG-SOIL-2

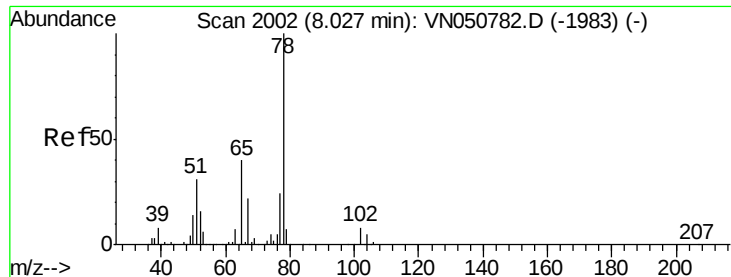
Tot Ion: 43 Resp: 16425
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.8



#20
Methylene Chloride
Concen: 49.38 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Tgt Ion: 84 Resp: 378274
Ion Ratio Lower Upper
84 100
49 113.1 93.2 139.8
51 34.3 29.0 43.6
86 63.2 49.8 74.8

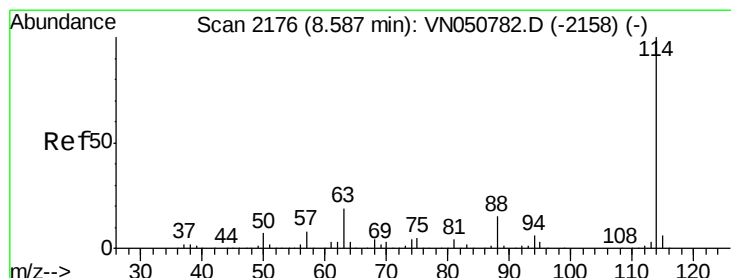
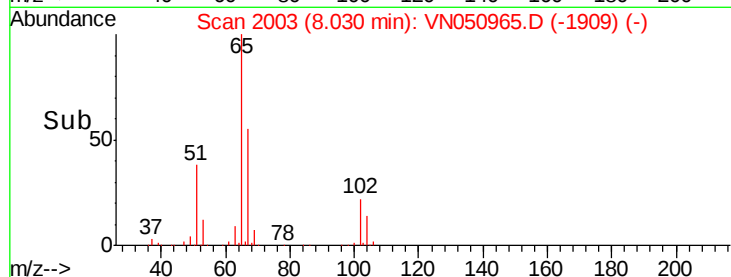
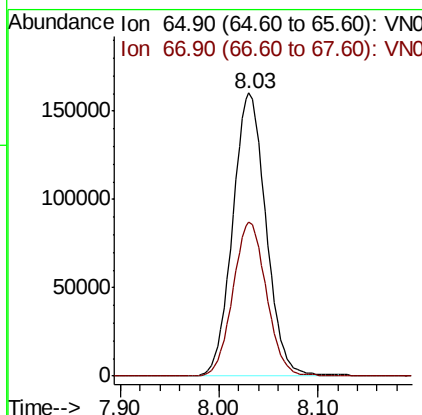
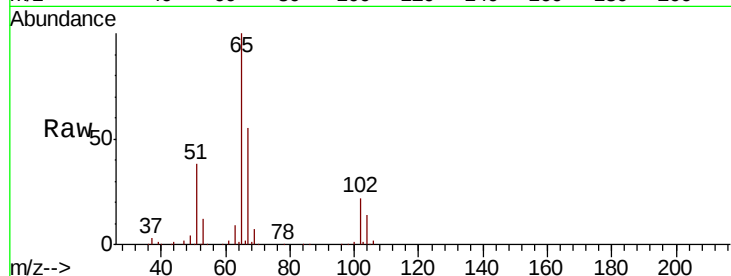




#33
 1,2-Dichloroethane-d4
 Concen: 55.38 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

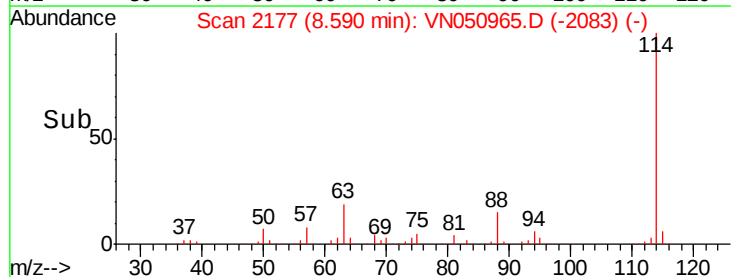
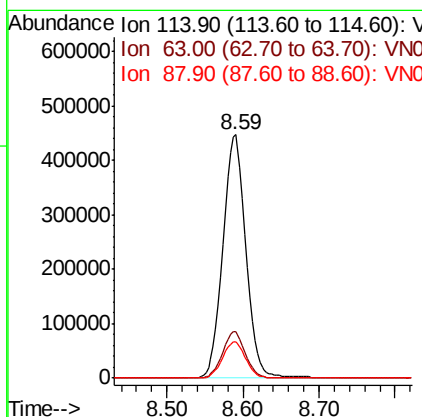
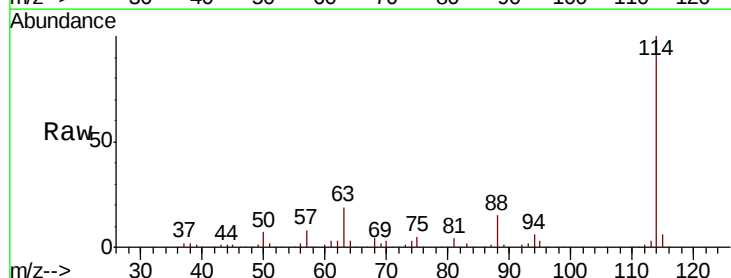
Instrument :
 MSVOA_N
 ClientSampled :
 CG-SOIL-2

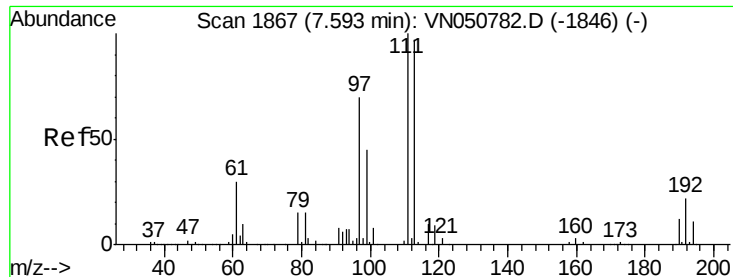
Tot Ion: 65 Resp: 376376
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

Tgt Ion: 114 Resp: 944963
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.0 0.0 30.6

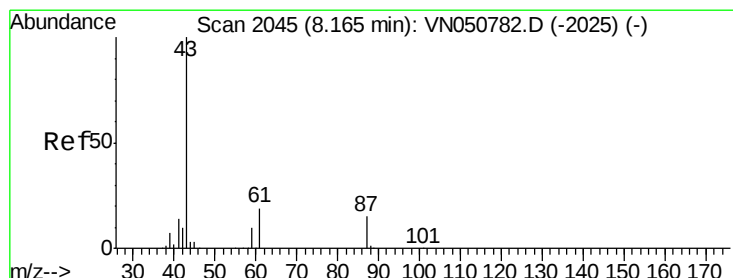
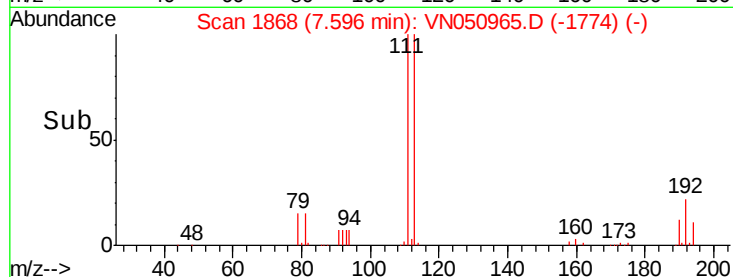
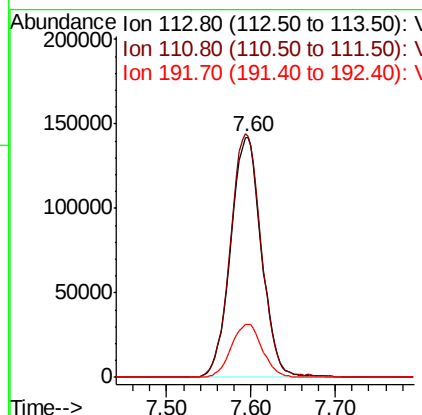
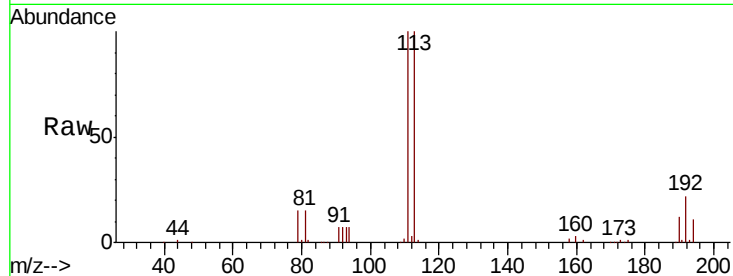




#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

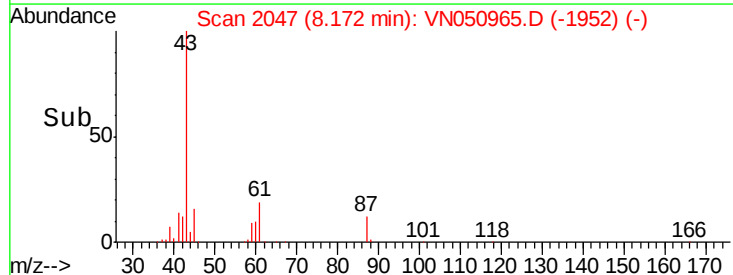
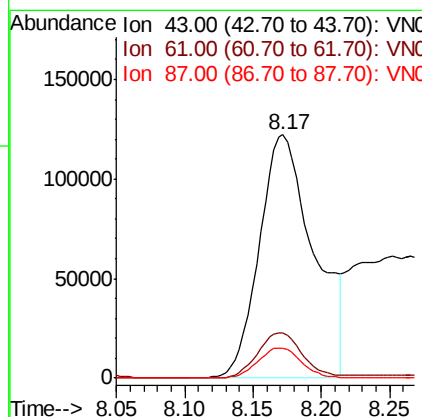
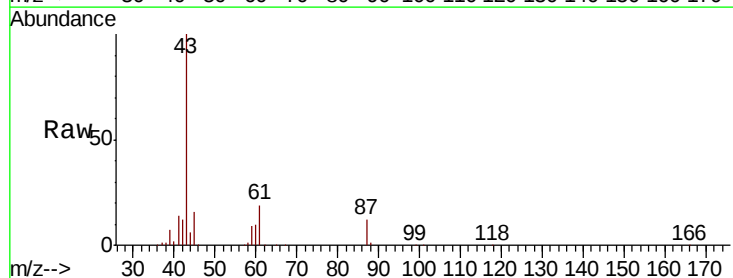
Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-2

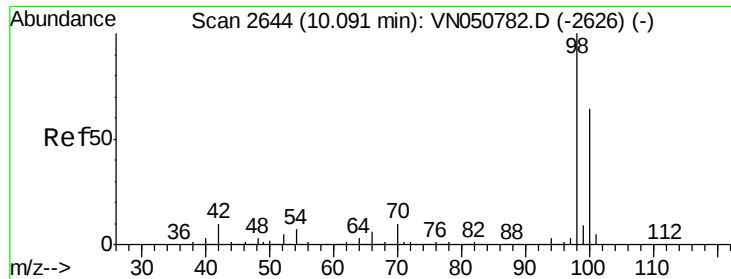
Tot Ion:113 Resp: 360904
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 22.3 18.0 27.0



#43
 Isopropyl Acetate
 Concen: 30.74 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

Tgt Ion: 43 Resp: 338608
 Ion Ratio Lower Upper
 43 100
 61 15.6 17.5 26.3#
 87 10.0 11.3 16.9#

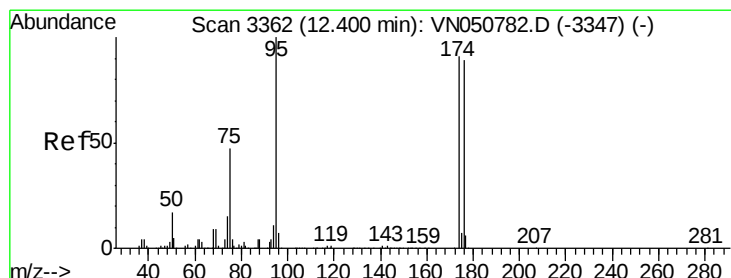
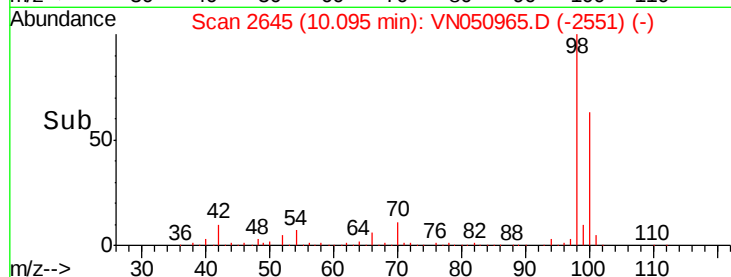
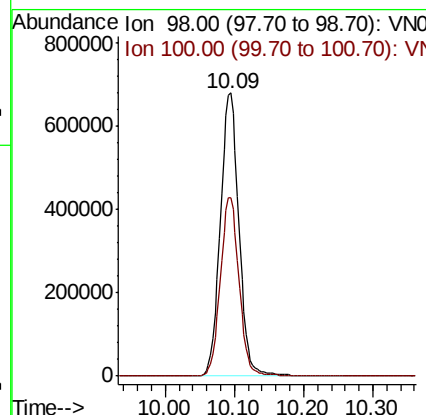
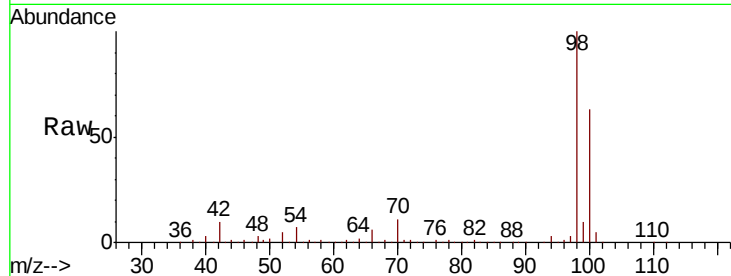




#50
Toluene-d8
Concen: 45.03 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

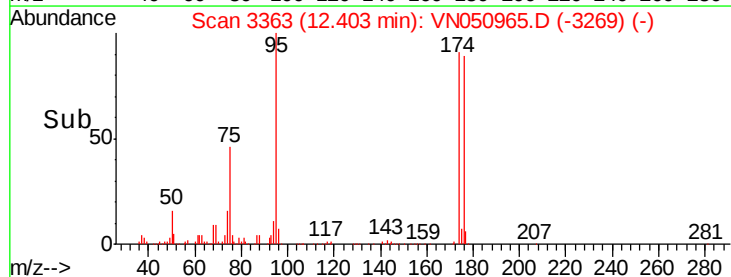
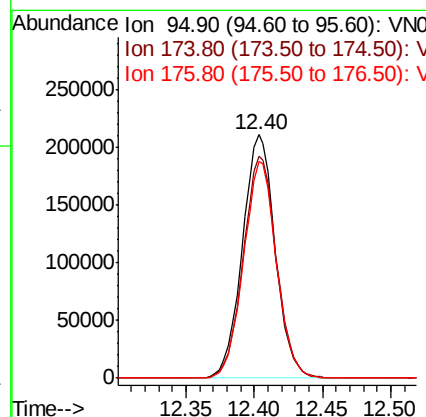
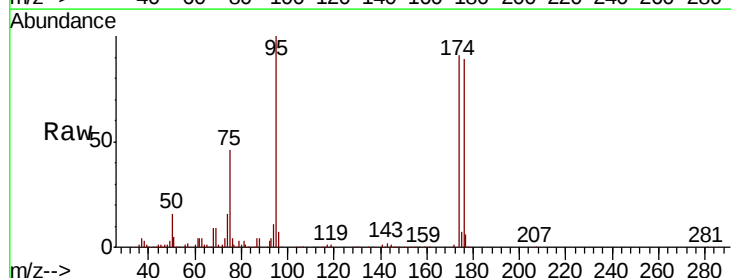
Instrument :
MSVOA_N
ClientSampled :
CG-SOIL-2

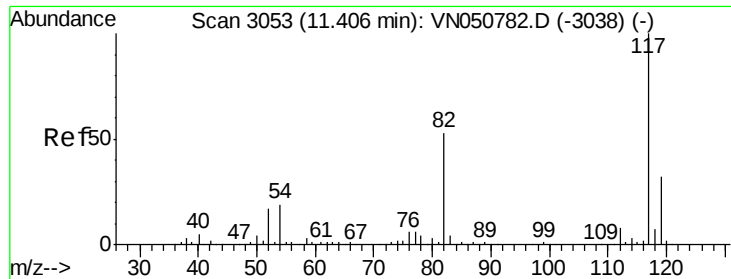
Tot Ion: 98 Resp: 1265573
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 37.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Tgt Ion: 95 Resp: 350669
Ion Ratio Lower Upper
95 100
174 92.2 0.0 183.0
176 89.2 0.0 178.8

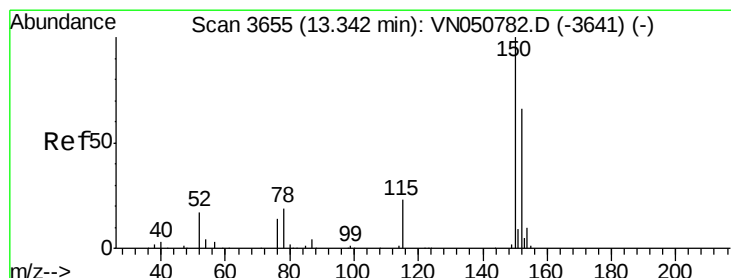
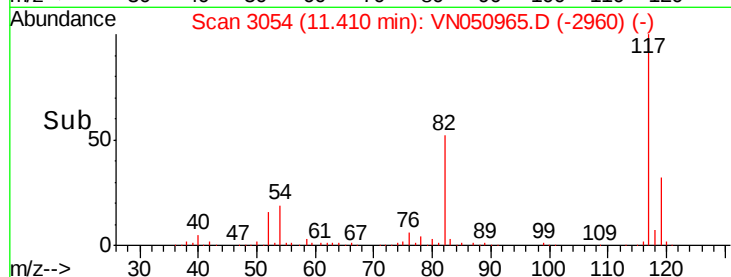
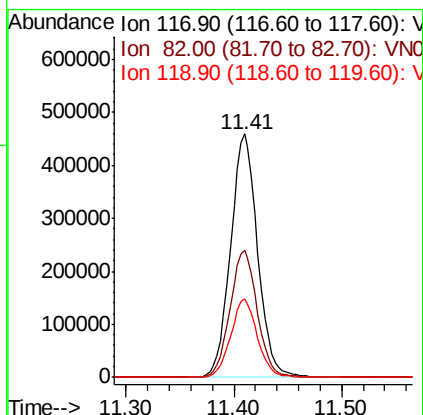
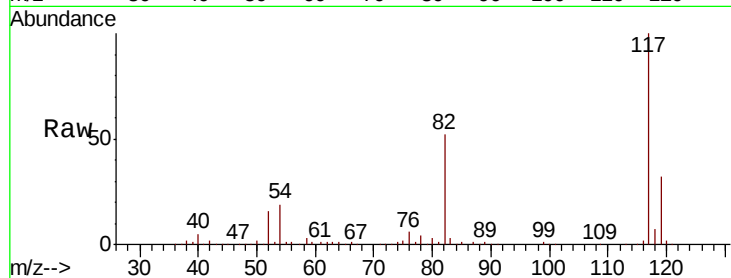




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

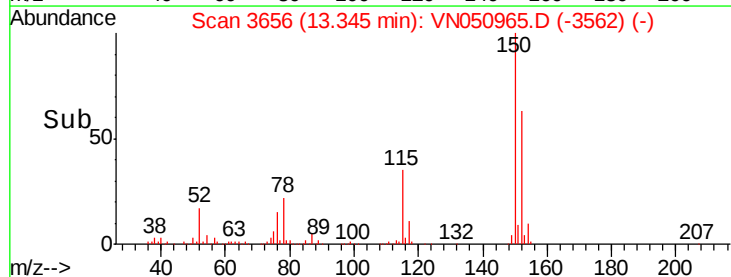
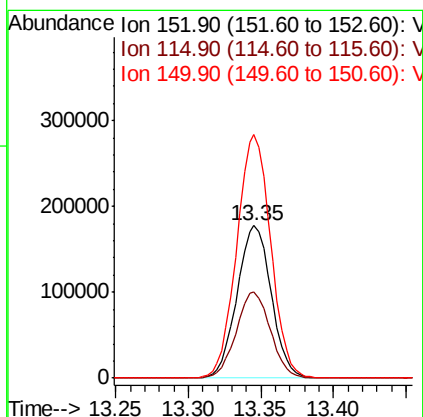
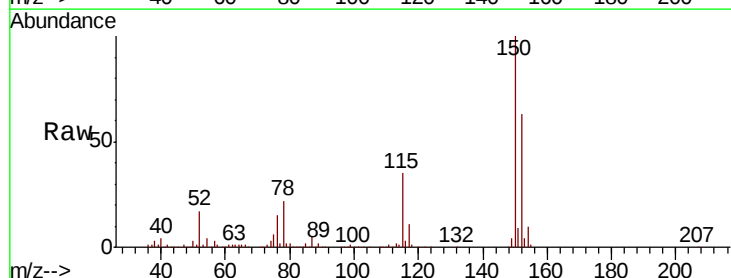
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MSVOA_N
ClientSampleId :
CG-SOIL-2

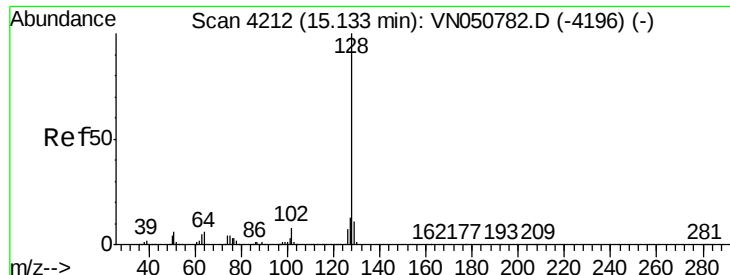
Tot Ion:117 Resp: 800125
Ion Ratio Lower Upper
117 100
82 52.2 42.6 64.0
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Tgt Ion:152 Resp: 290925
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 158.5 0.0 351.4

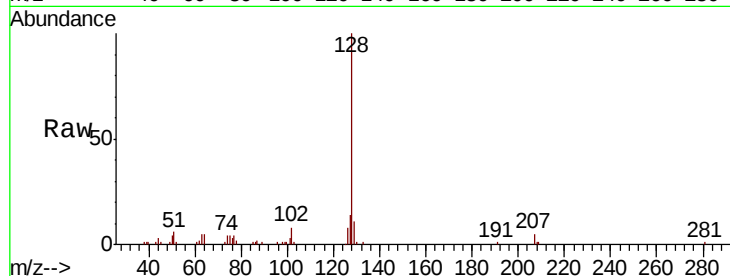




#95
 Naphthalene
 Concen: 10.92 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	8.7	13.1



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

