

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 01:37:22 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

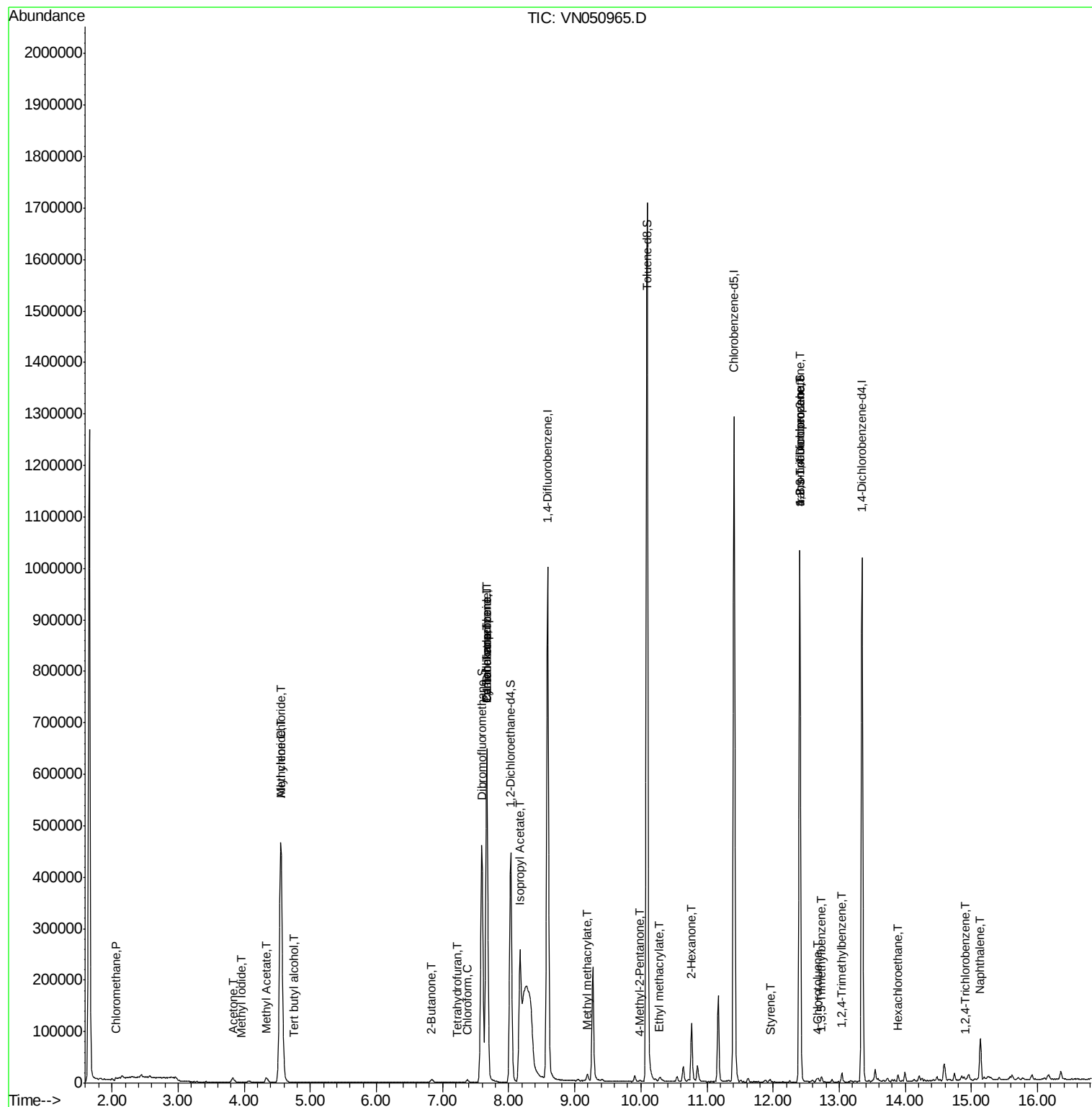
						Qvalue
3) Chloromethane	2.06	50	2306	0.25	ug/l	97
5) Bromomethane	2.57	94	1967	Below	Cal	87
10) Methyl Iodide	3.95	142	189	6.37	ug/l #	43
11) Tert butyl alcohol	4.76	59	97	0.22	ug/l #	72
14) Allyl chloride	4.55	41	14160	1.43	ug/l #	26
16) Acetone	3.83	43	15423	2.59	ug/l	96
18) Methyl Acetate	4.33	43	16425	2.56	ug/l	97
20) Methylene Chloride	4.55	84	378274	49.38	ug/l	97
25) 2-Butanone	6.84	43	1006	0.37	ug/l	92
29) Tetrahydrofuran	7.22	42	452	0.29	ug/l #	43
30) Chloroform	7.38	83	5859	0.47	ug/l	99
31) Cyclohexane	7.67	56	9156	1.25	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37717	3.38	ug/l #	48
38) Carbon Tetrachloride	7.67	117	48301	4.29	ug/l #	17
43) Isopropyl Acetate	8.17	43	338608	30.74	ug/l #	88
48) Methyl methacrylate	9.18	41	8522	1.52	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	1540	0.23	ug/l	97
56) Ethyl methacrylate	10.27	69	151	2.36	ug/l #	1
59) 2-Hexanone	10.77	43	16405	3.75	ug/l #	55
70) Styrene	11.97	104	341	1.29	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.41	83	182	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	163071	32.00	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4079	0.21	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	163071	108.19	ug/l #	15
82) 4-Chlorotoluene	12.68	91	3330	0.20	ug/l	76
84) 1,2,4-Trimethylbenzene	13.04	105	9392	0.48	ug/l	97
90) Hexachloroethane	13.89	117	1150	0.50	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	64	4.09	ug/l #	12
95) Naphthalene	15.14	128	71884	10.92	ug/l	100

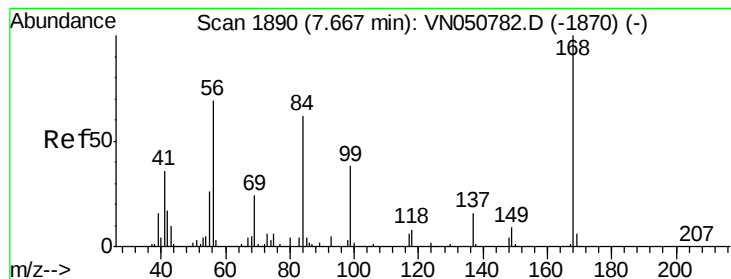
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 01:37:22 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





#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 :

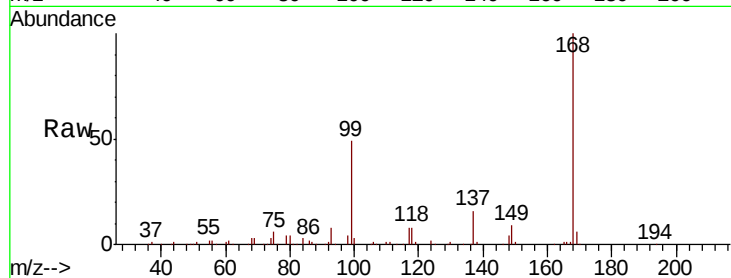
CG-SOIL-2

Tot Ion:168 Resp: 564582

Ion Ratio Lower Upper

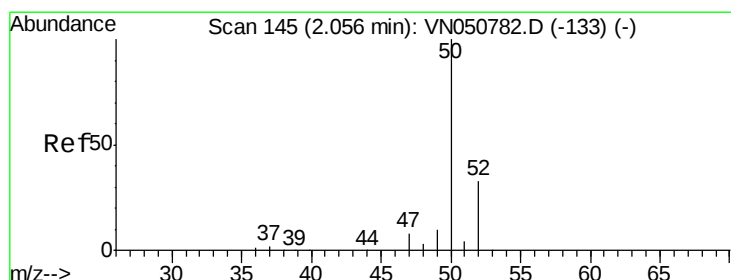
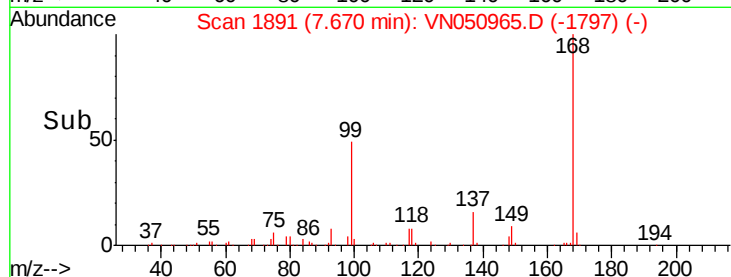
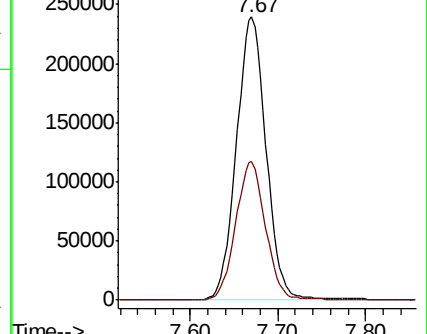
168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050965.D

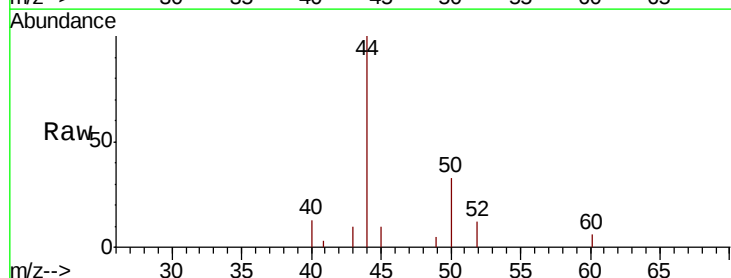
Acq: 30 Aug 2018 16:16

Tgt Ion: 50 Resp: 2306

Ion Ratio Lower Upper

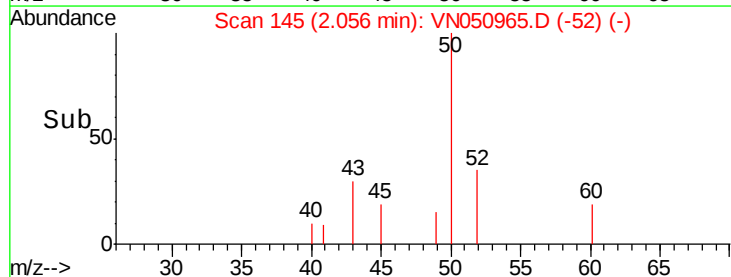
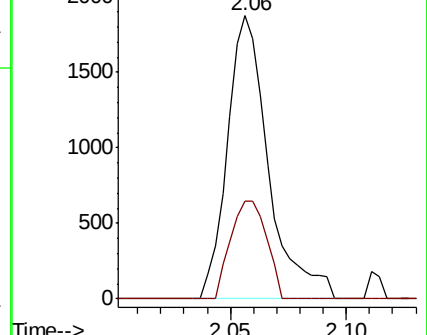
50 100

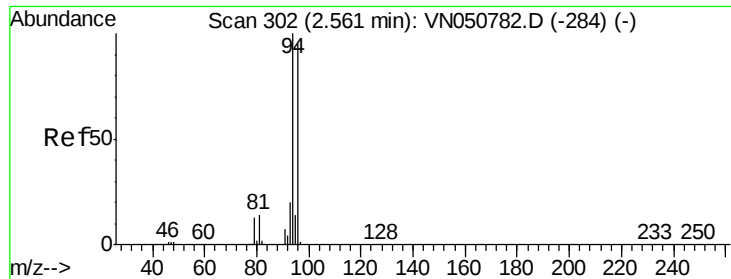
52 34.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

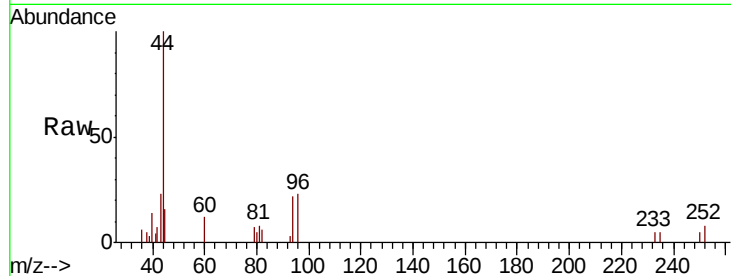
CG-SOIL-2

Tot Ion: 94 Resp: 1967

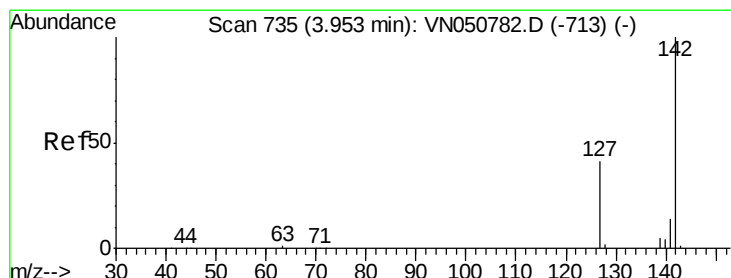
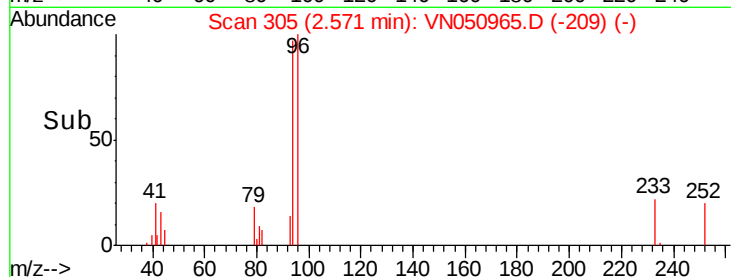
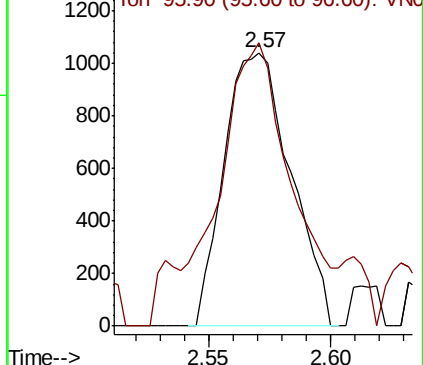
Ion Ratio Lower Upper

94 100

96 82.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050965.D (-209) (-)



#10

Methyl Iodide

Concen: 6.37 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

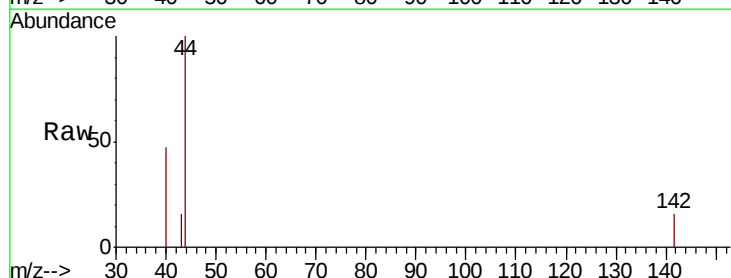
Tgt Ion: 142 Resp: 189

Ion Ratio Lower Upper

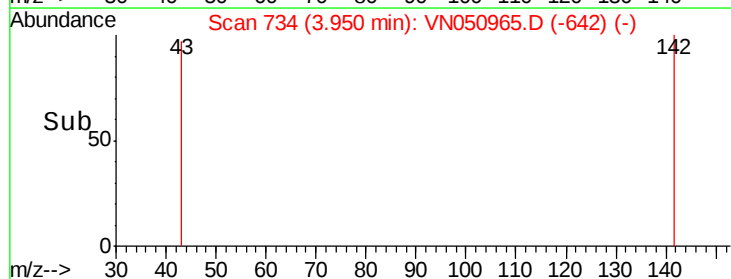
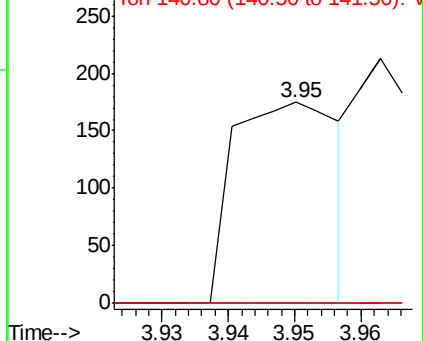
142 100

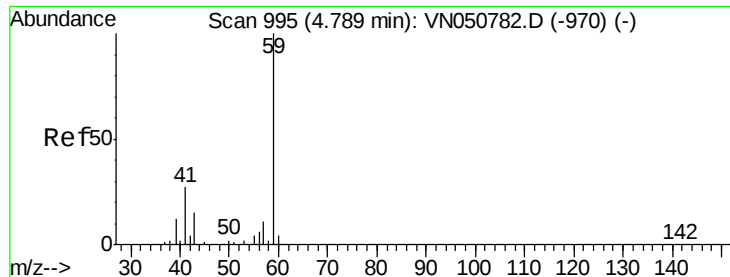
127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050965.D (-642) (-)

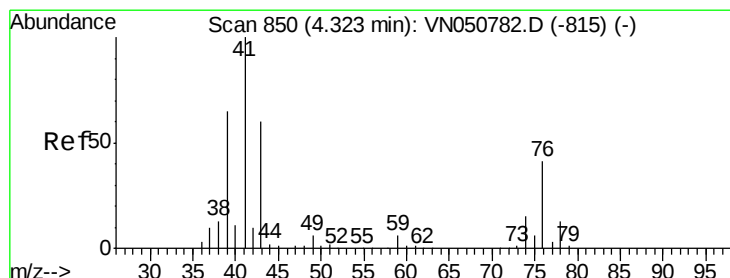
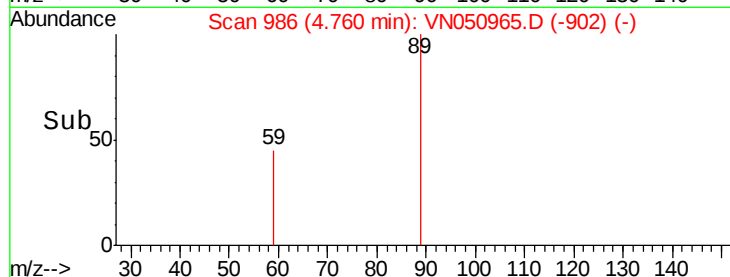
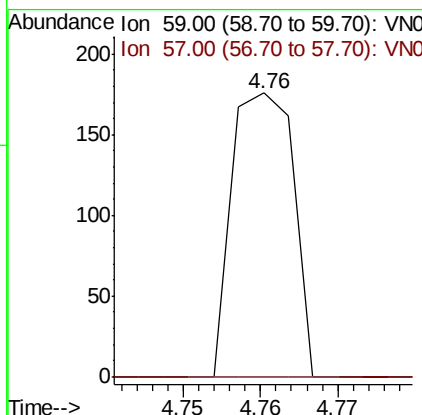
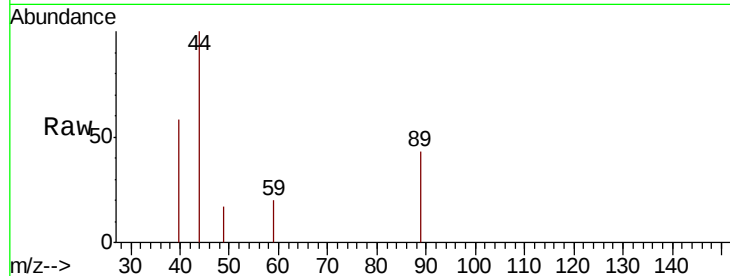




#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 4.76 min Scan# 986
Delta R.T. -0.03 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

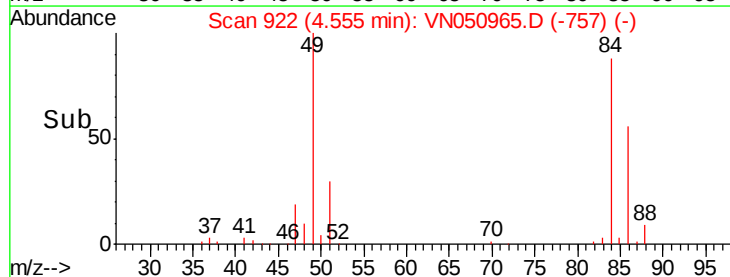
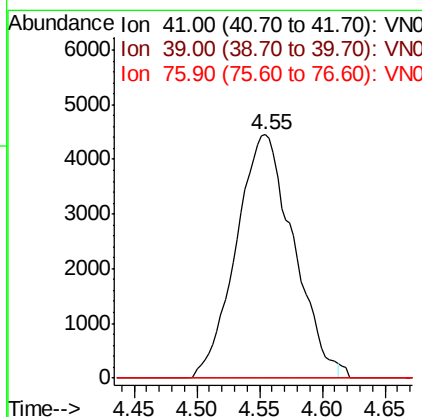
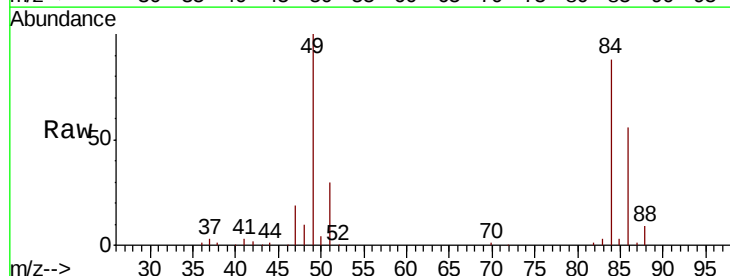
Instrument :
MSVOA_N
ClientSampleId :
CG-SOIL-2

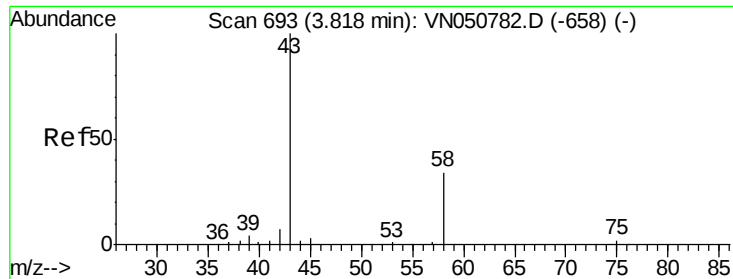
Tot Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 1.43 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.23 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Tgt Ion: 41 Resp: 14160
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#





#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

Instrument :

MSVOA_N

ClientSampled :

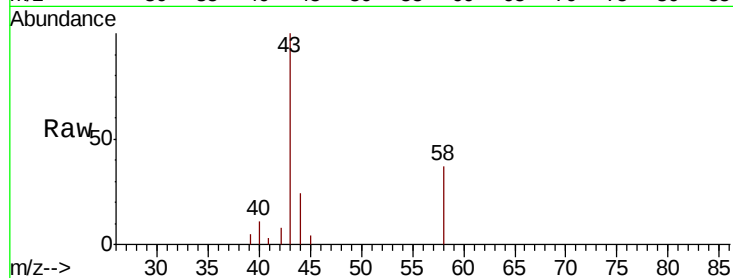
CG-SOIL-2

Tot Ion: 43 Resp: 15423

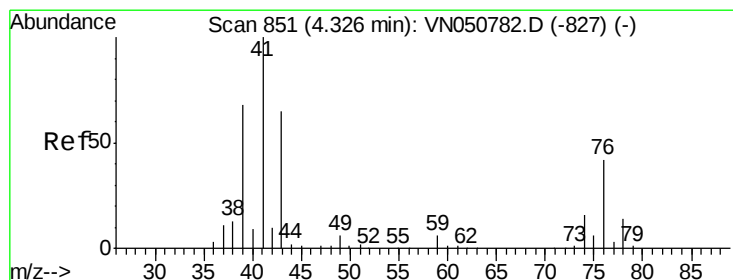
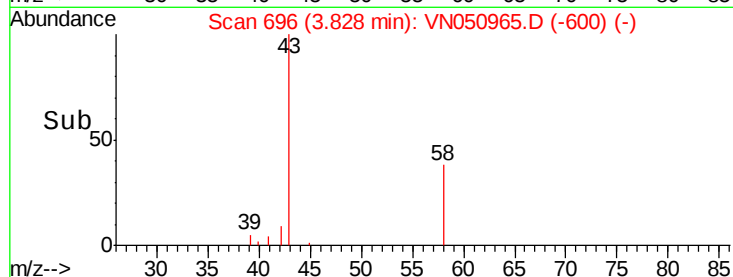
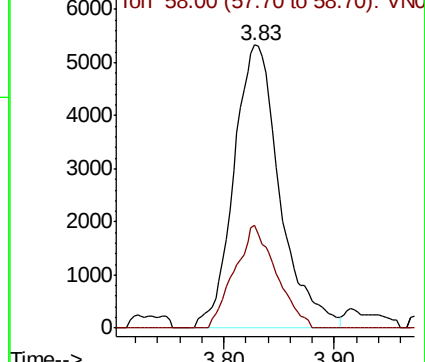
Ion Ratio Lower Upper

43 100

58 36.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050965.D (-600) (-)



#18

Methyl Acetate

Concen: 2.56 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050965.D

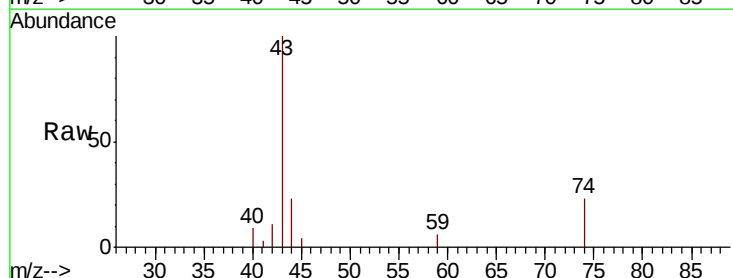
Acq: 30 Aug 2018 16:16

Tgt Ion: 43 Resp: 16425

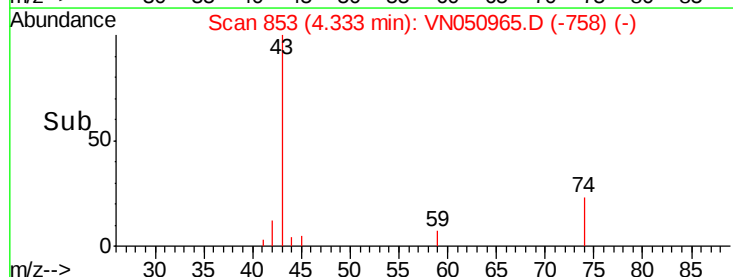
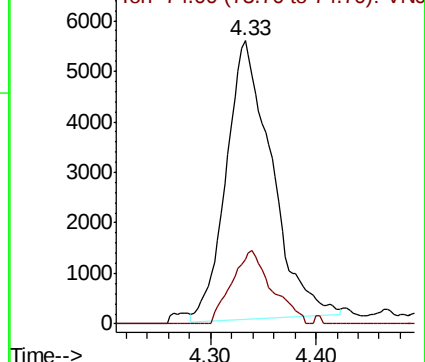
Ion Ratio Lower Upper

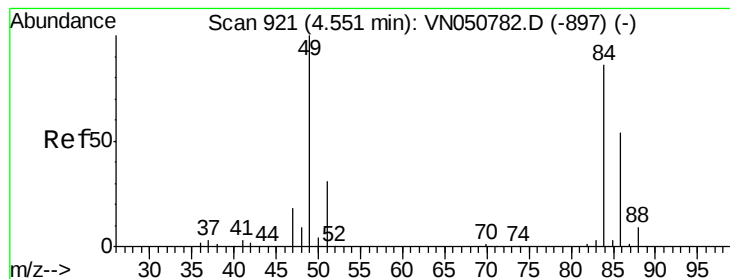
43 100

74 23.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050965.D (-758) (-)





#20

Methvlene 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

Instrument :

MSVOA_N

ClientSampled :

CG-SOIL-2

Tot Ion: 84 Resp: 378274

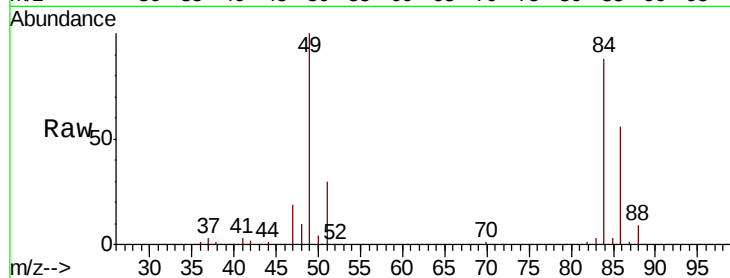
Ion Ratio Lower Upper

84 100

49 113.1 93.2 139.8

51 34.3 29.0 43.6

86 63.2 49.8 74.8

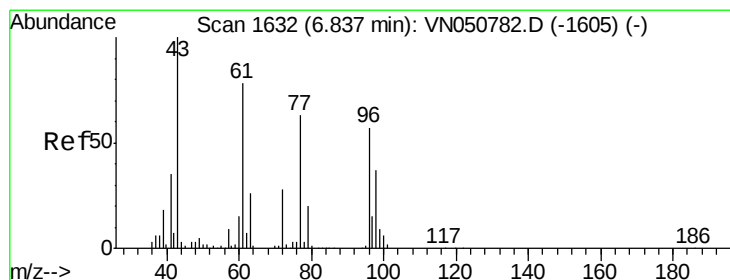
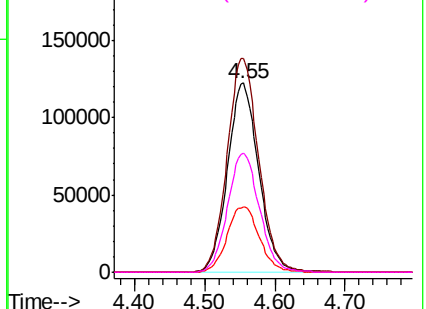
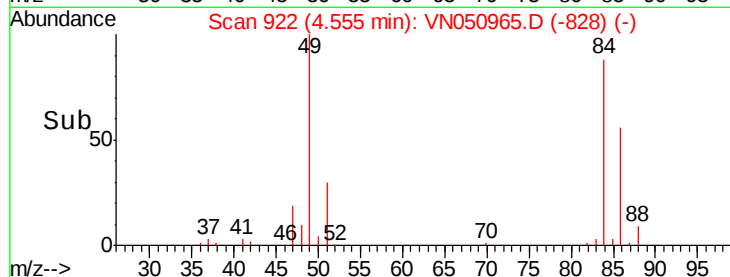


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.37 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.01 min

Lab File: VN050965.D

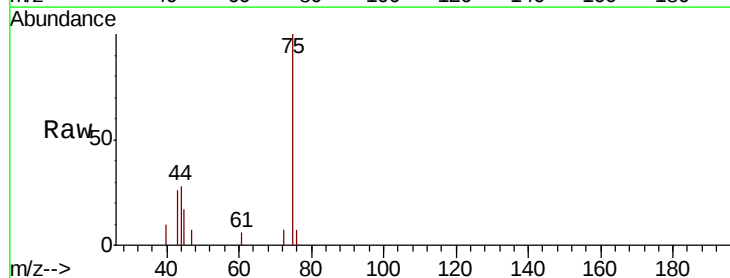
Acq: 30 Aug 2018 16:16

Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

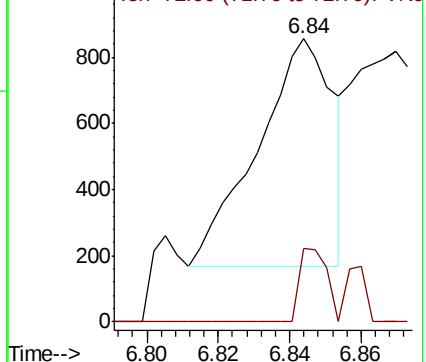
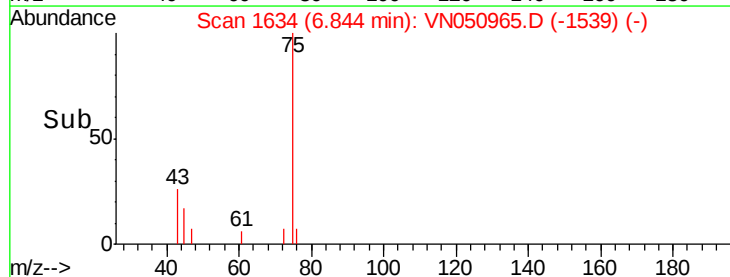
43 100

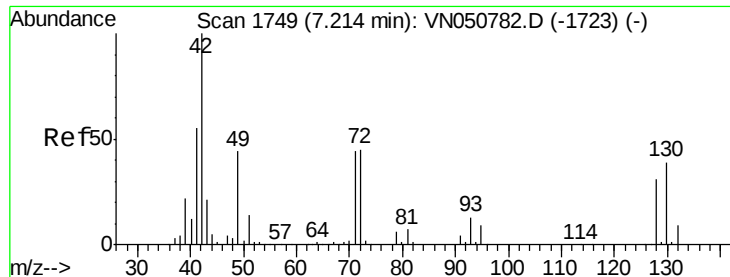
72 31.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

CG-SOIL-2

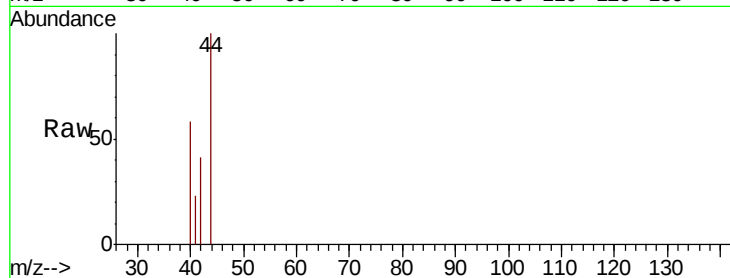
Tot Ion: 42 Resp: 452

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 13.1 33.7 50.5#

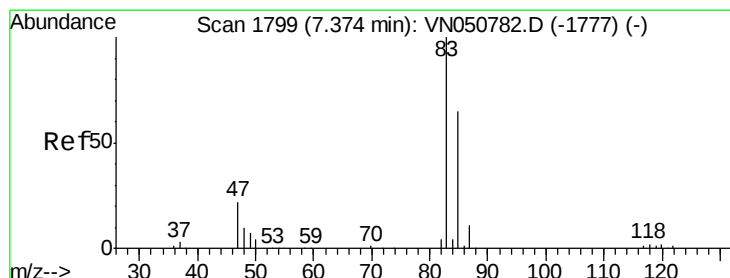
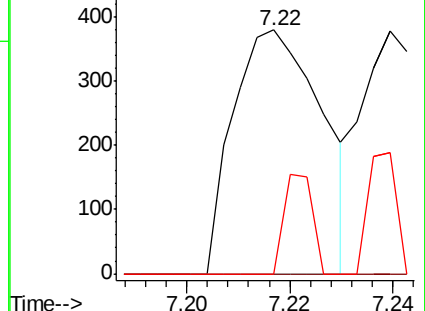
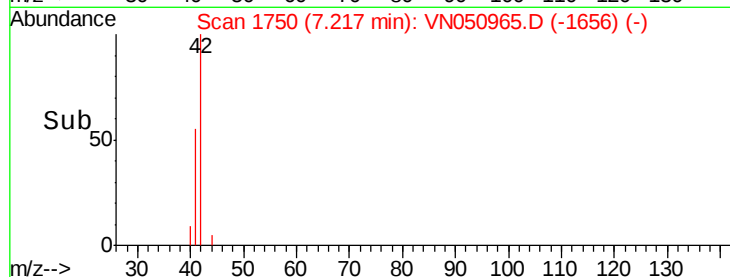


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#30

Chloroform

Concen: 0.47 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050965.D

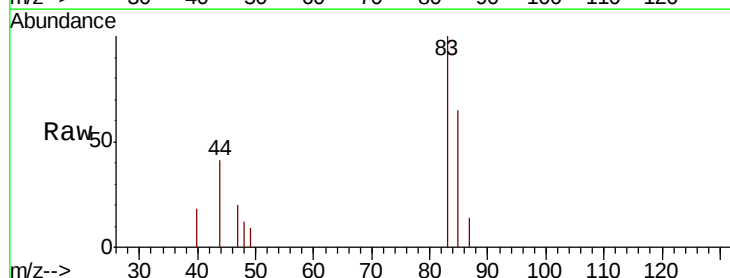
Acq: 30 Aug 2018 16:16

Tgt Ion: 83 Resp: 5859

Ion Ratio Lower Upper

83 100

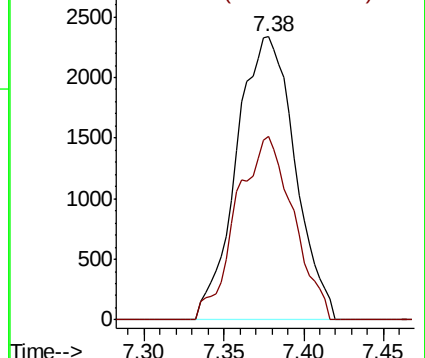
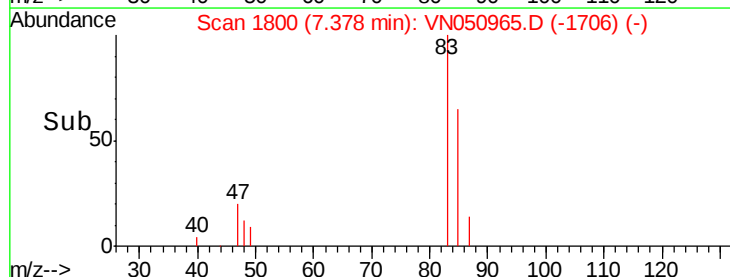
85 64.7 52.2 78.4

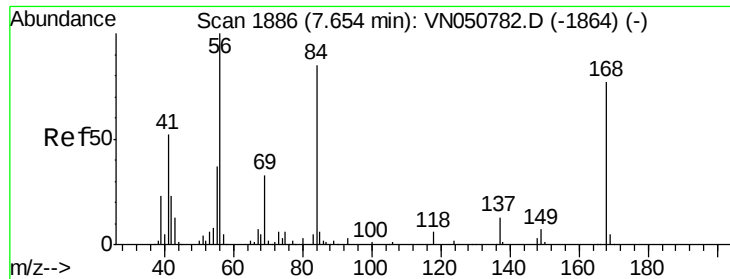


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->

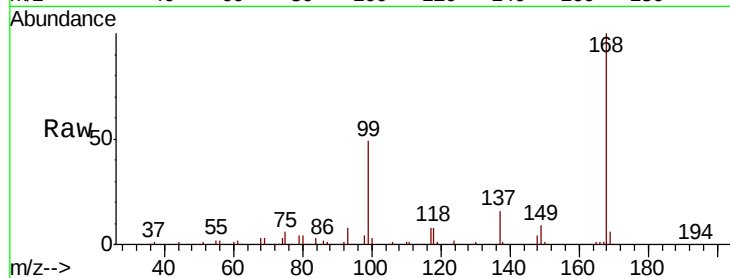




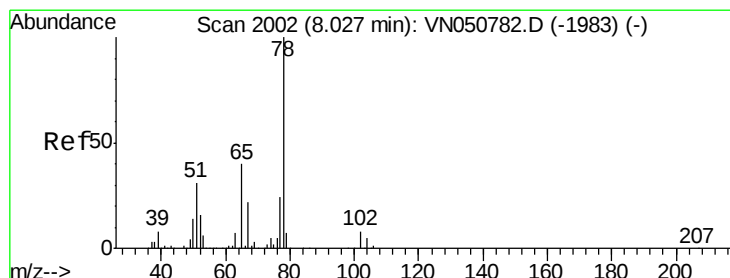
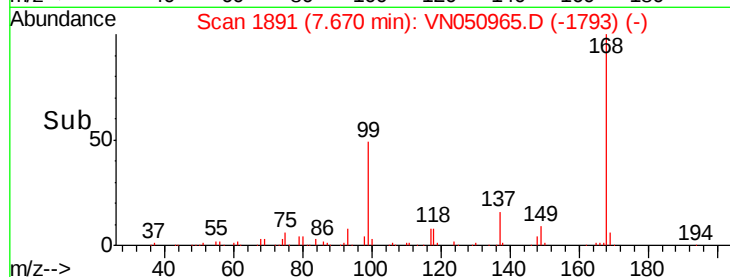
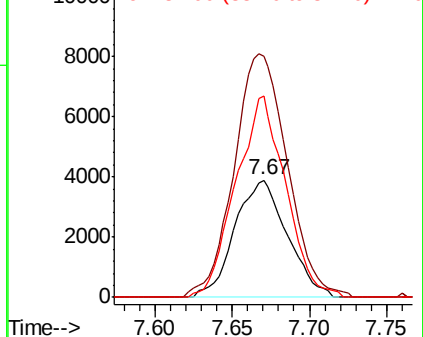
#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Instrument :
MSVOA_N
ClientSampled :
CG-SOIL-2

Tot Ion: 56 Resp: 9156
Ion Ratio Lower Upper
56 100
69 201.2 26.2 39.4#
84 171.6 68.3 102.5#

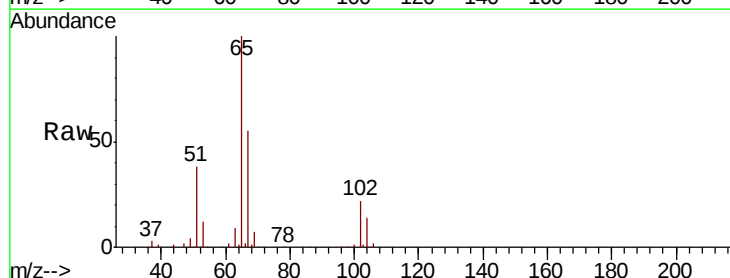


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

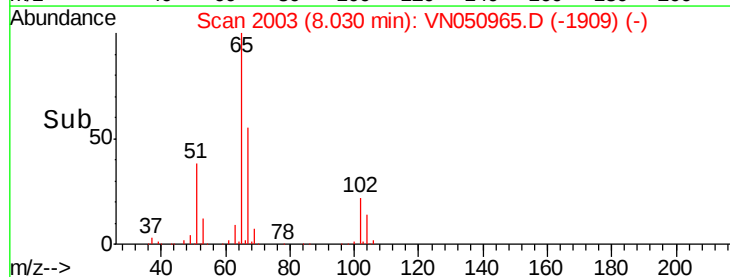
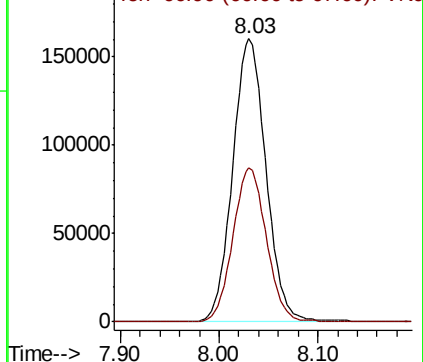


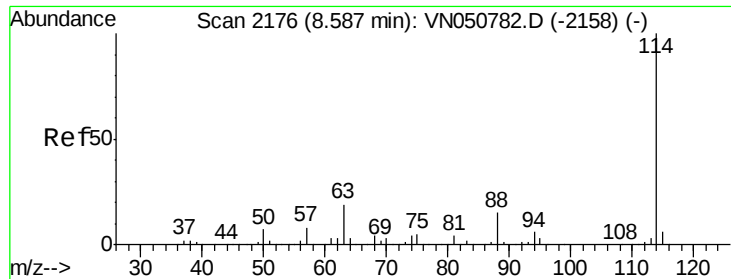
#33
1,2-Dichloroethane-d4
Concen: 55.38 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

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



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

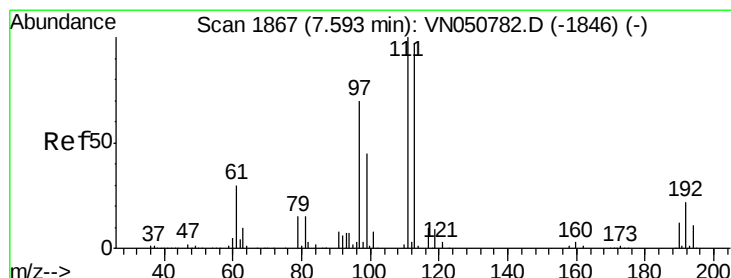
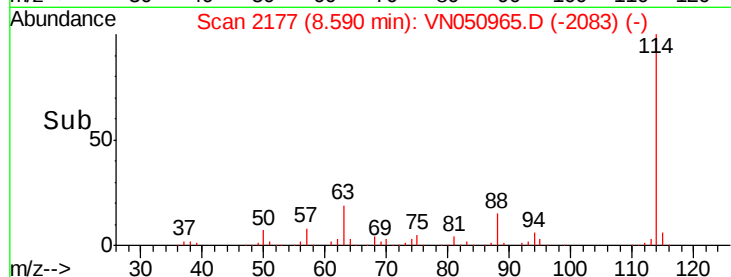
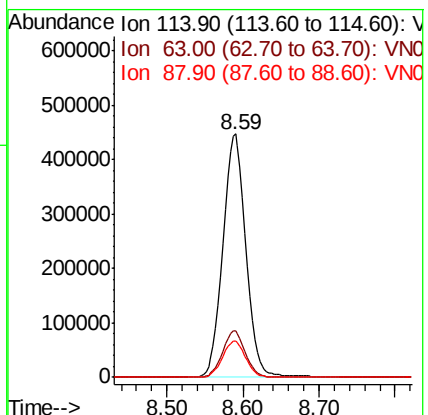
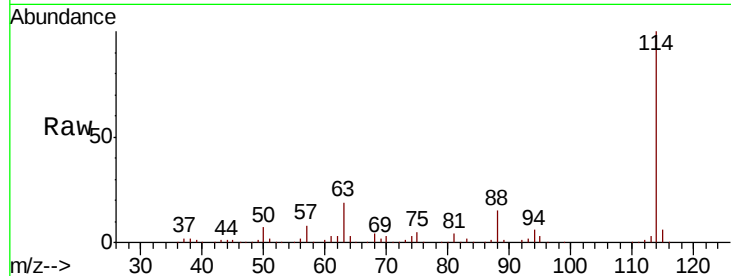




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

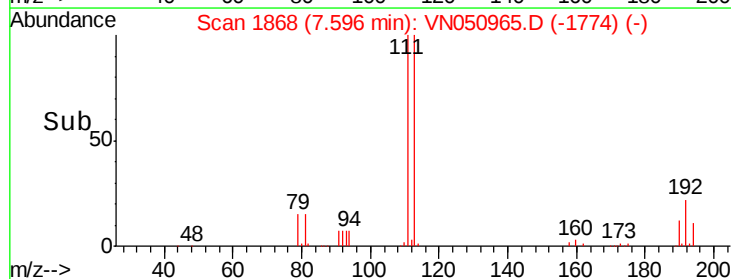
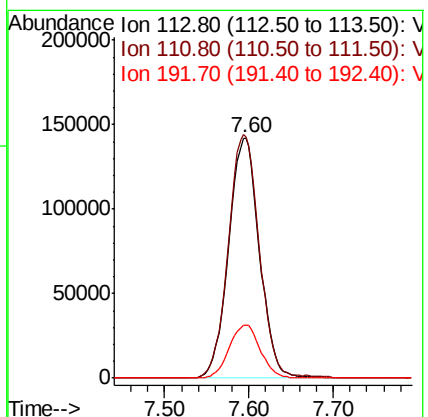
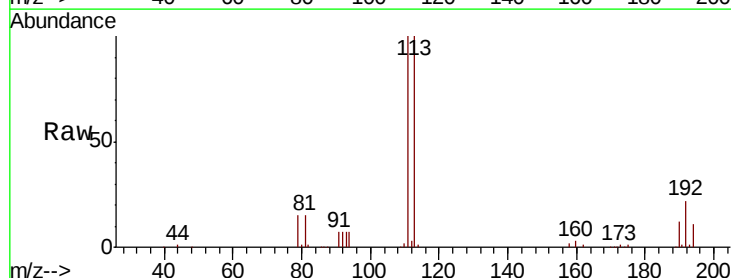
Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-2

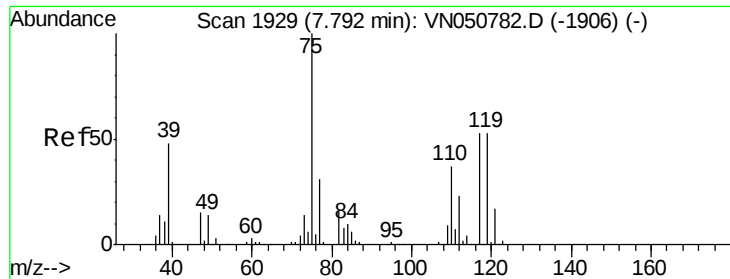
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.0	0.0	30.6



#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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.3	18.0	27.0

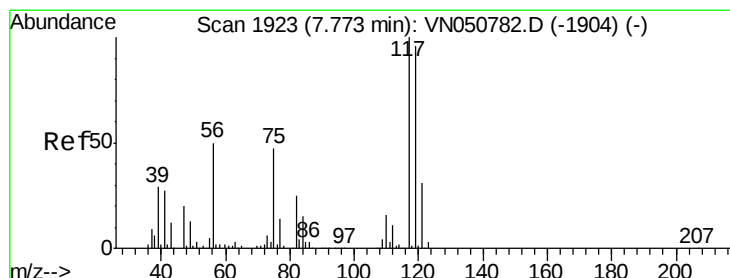
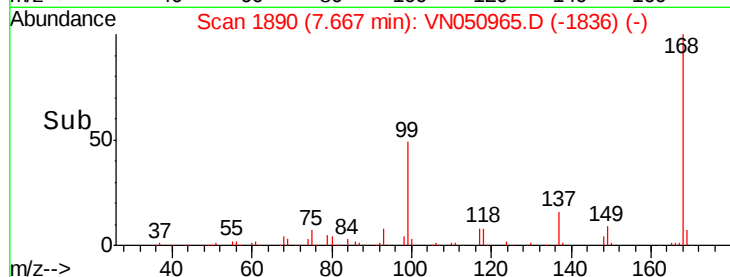
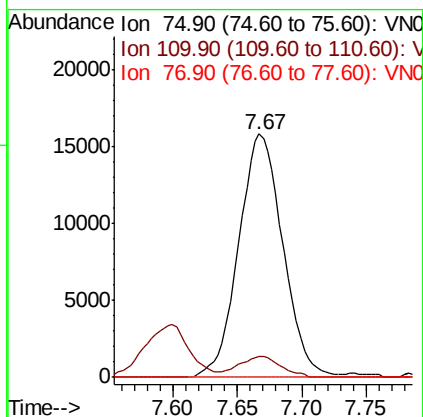
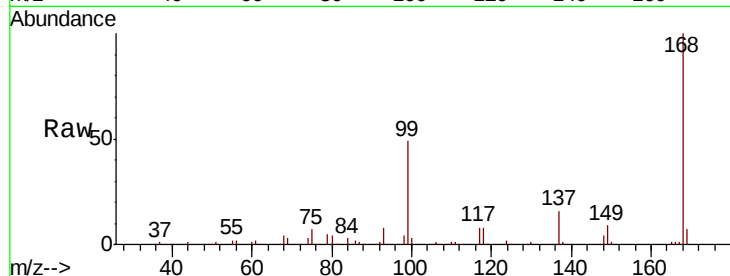




#36
 1,1-Dichloropropene
 Concen: 3.38 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

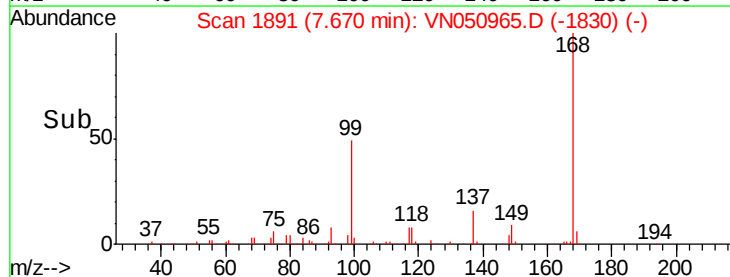
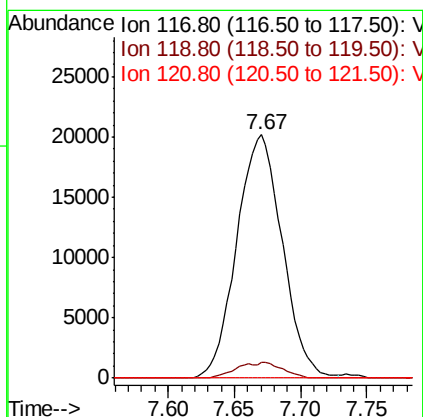
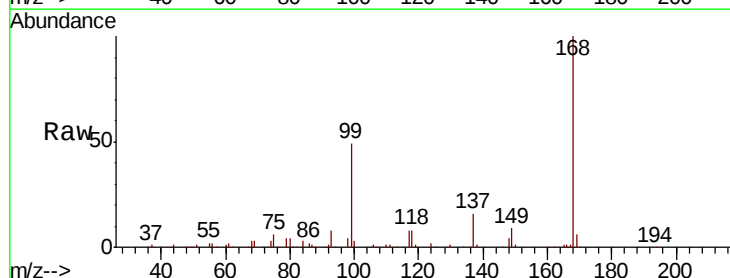
Instrument :
 MSVOA_N
 ClientSampled :
 CG-SOIL-2

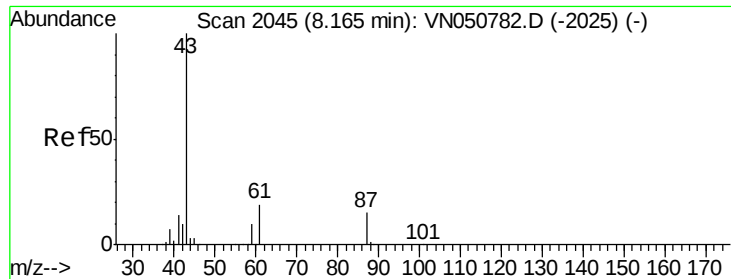
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.29 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.3	114.5#
121	0.0	24.6	36.8#



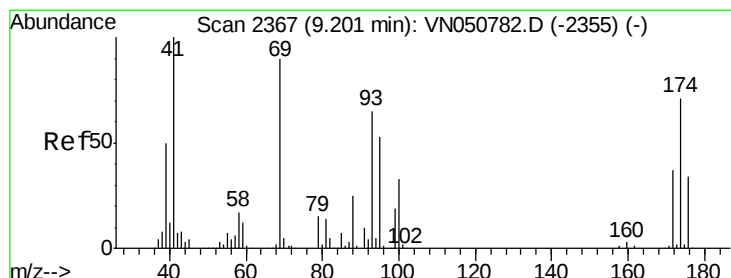
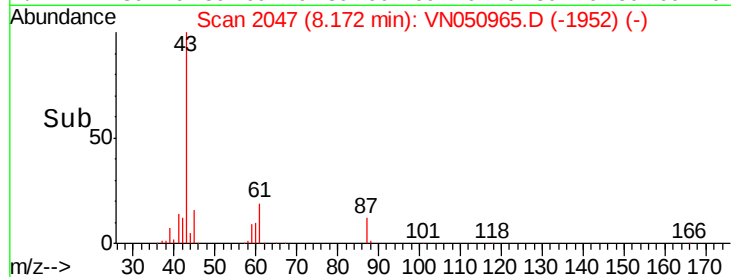
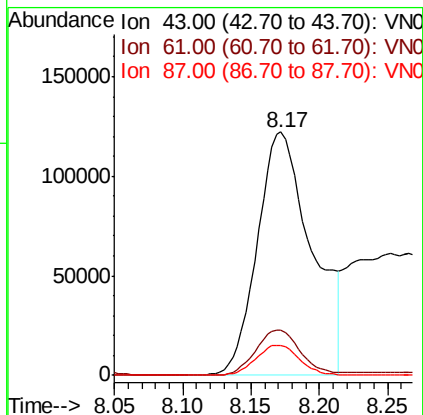
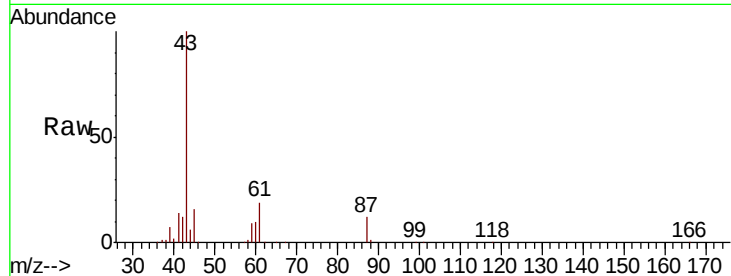


#43

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

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL-2

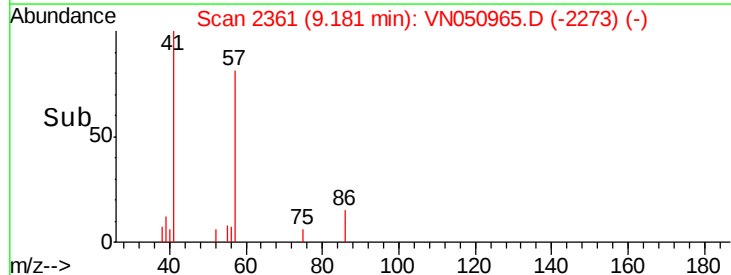
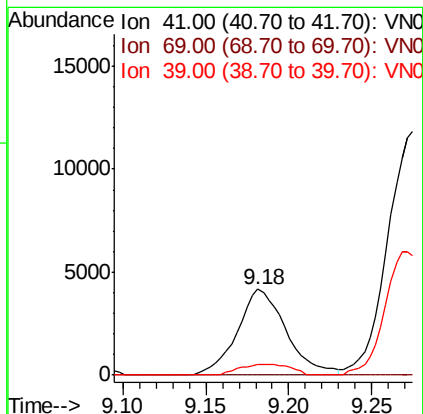
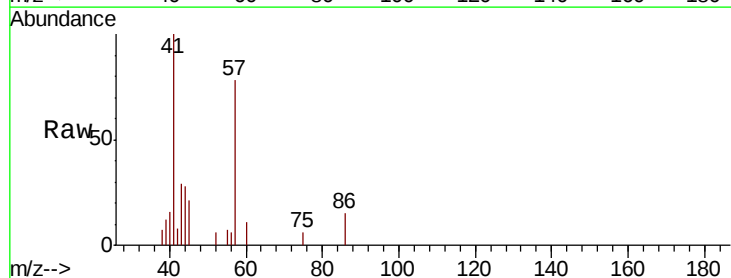
Tot Ion	43	Resp	338608
Ion Ratio	Lower	Upper	
43	100		
61	15.6	17.5	26.3#
87	10.0	11.3	16.9#

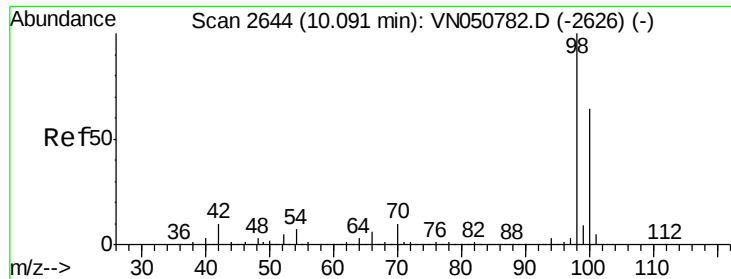


#48

Methyl methacrylate
 Concen: 1.52 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050965.D
 Acq: 30 Aug 2018 16:16

Tgt Ion	41	Resp	8522
Ion Ratio	Lower	Upper	
41	100		
69	0.0	74.7	112.1#
39	13.2	42.2	63.2#

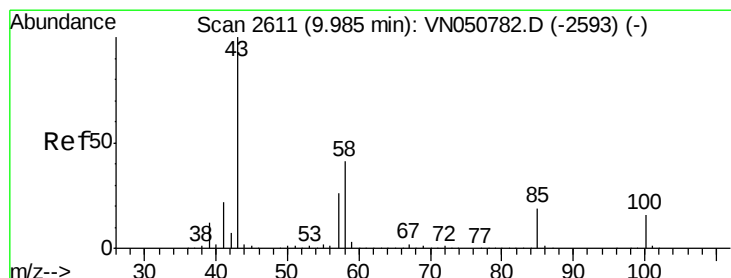
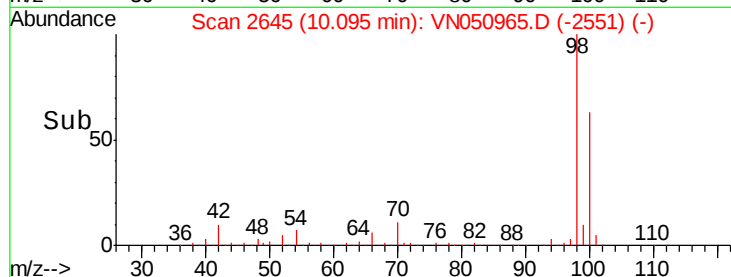
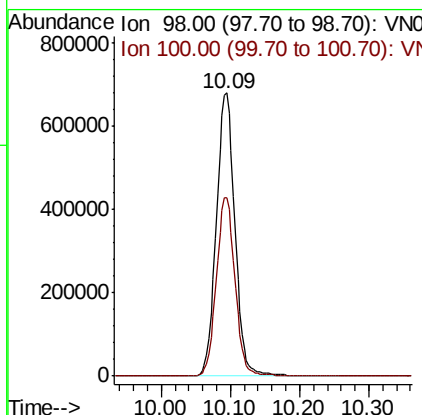
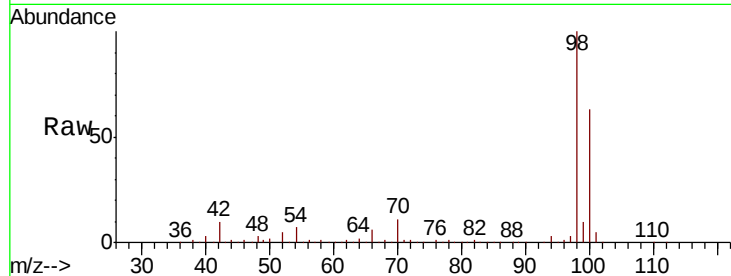




#50
Toluene-d8
Concen: 45.03 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

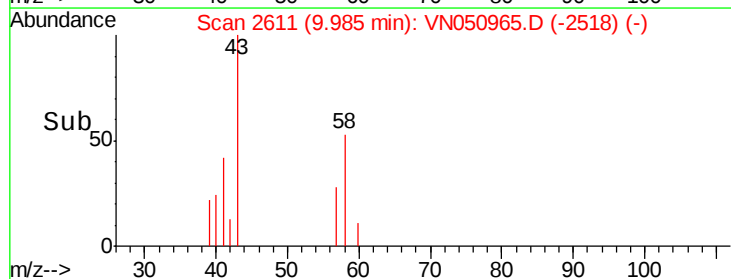
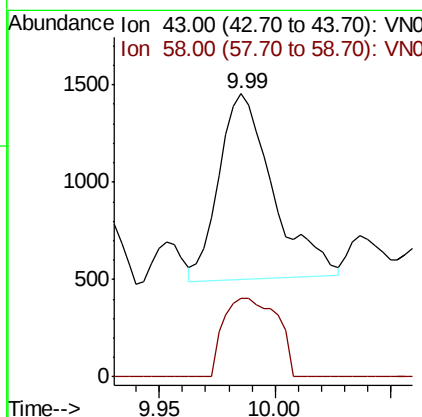
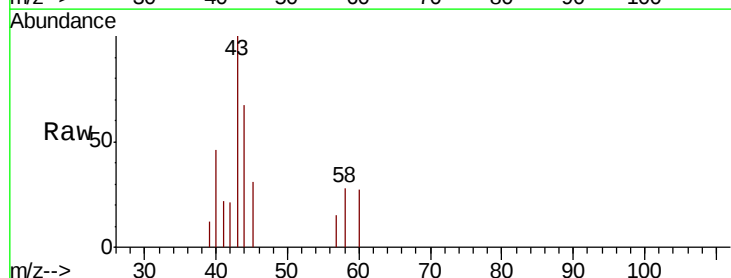
Instrument :
MSVOA_N
ClientSampleId :
CG-SOIL-2

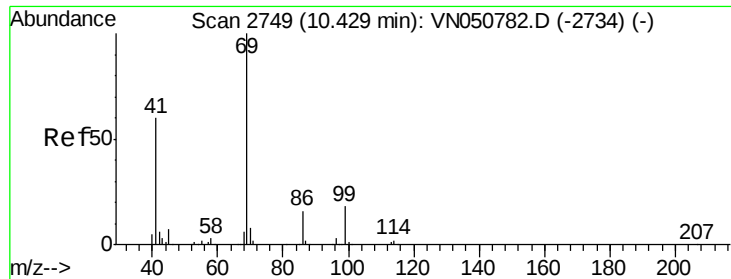
Tot Ion: 98 Resp: 1265573
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050965.D
Acq: 30 Aug 2018 16:16

Tgt Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
58 42.1 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.27 min Scan# 2701

Delta R.T. -0.15 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

CG-SOIL-2

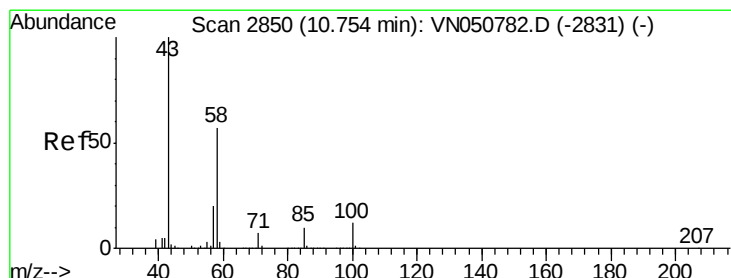
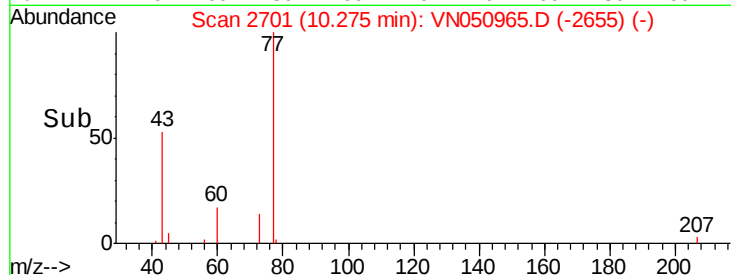
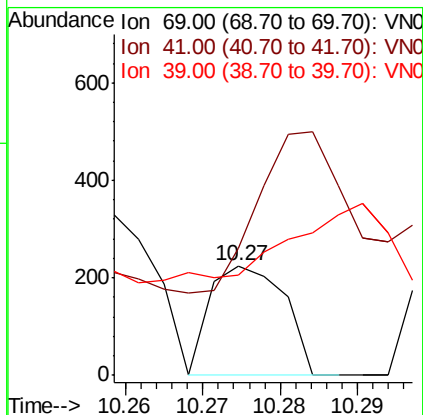
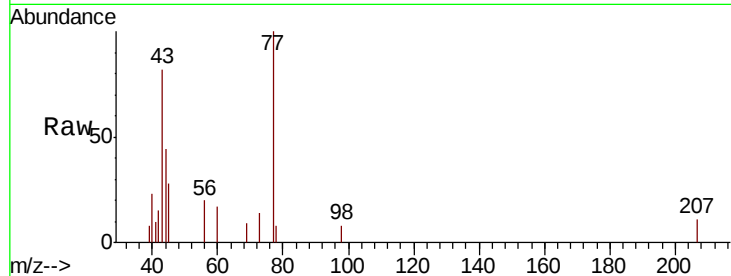
Tot Ion: 69 Resp: 151

Ion Ratio Lower Upper

69 100

41 476.8 48.3 72.5#

39 281.5 24.0 36.0#



#59

2-Hexanone

Concen: 3.75 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050965.D

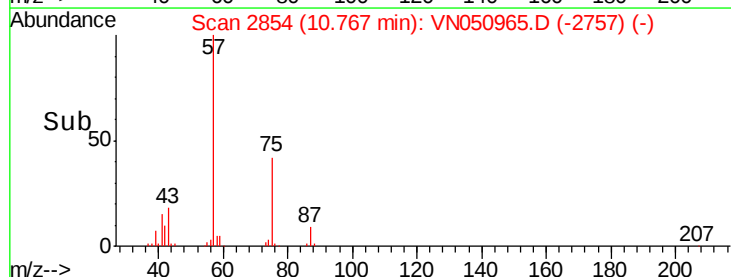
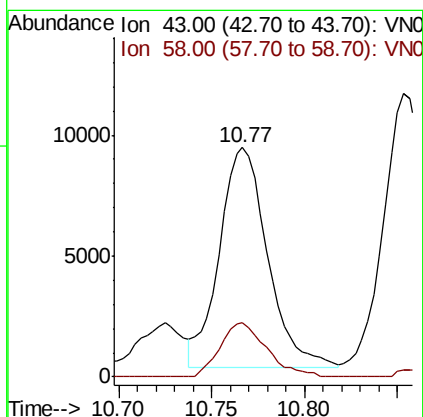
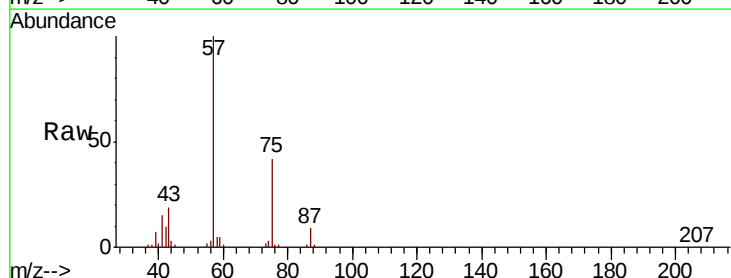
Acq: 30 Aug 2018 16:16

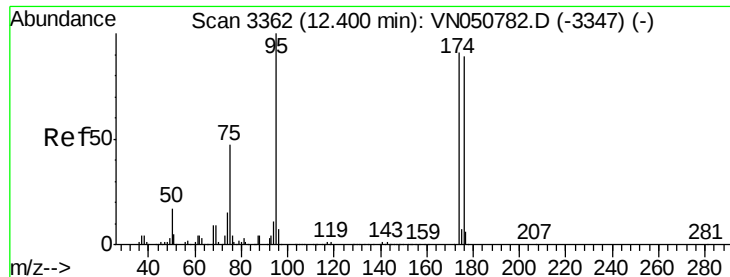
Tgt Ion: 43 Resp: 16405

Ion Ratio Lower Upper

43 100

58 23.8 28.3 85.0#





#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

Instrument :

MSVOA_N

ClientSampled :

CG-SOIL-2

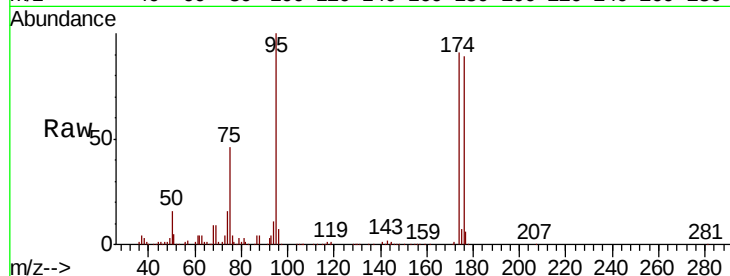
Tot Ion: 95 Resp: 350669

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

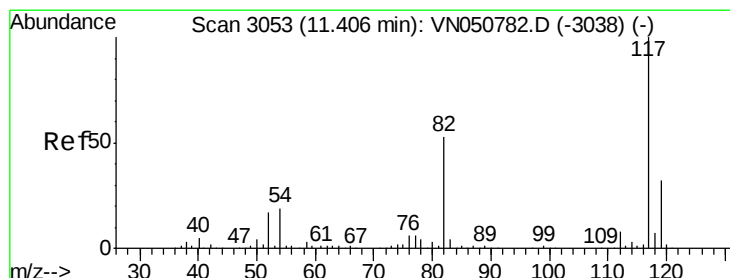
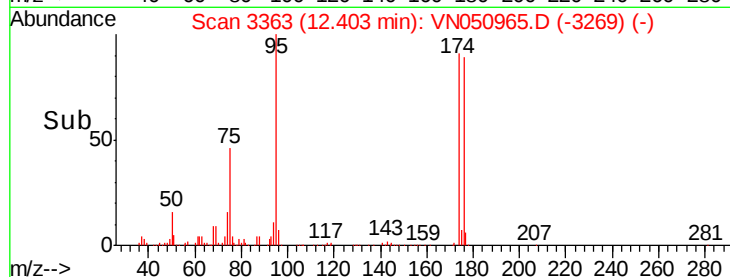
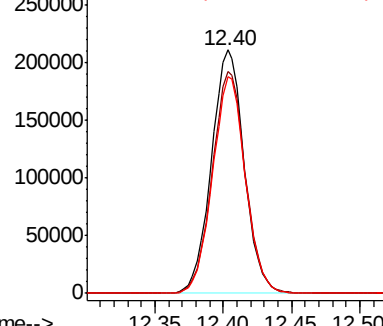
176 89.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#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

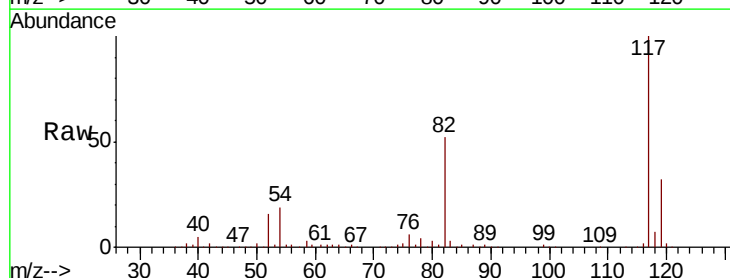
Tgt Ion: 117 Resp: 800125

Ion Ratio Lower Upper

117 100

82 52.2 42.6 64.0

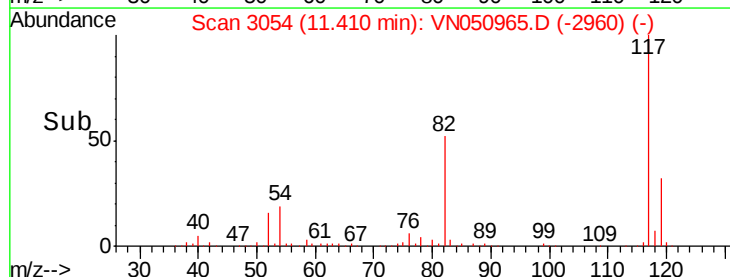
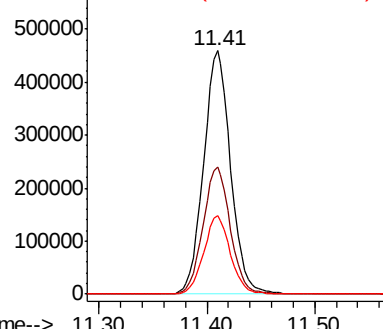
119 32.1 25.8 38.6

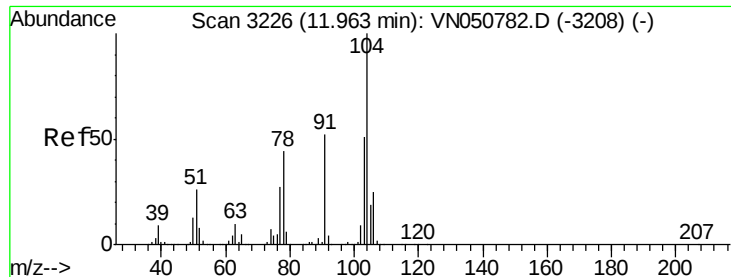


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#70

Stvrene

Concen: 1.29 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

CG-SOIL-2

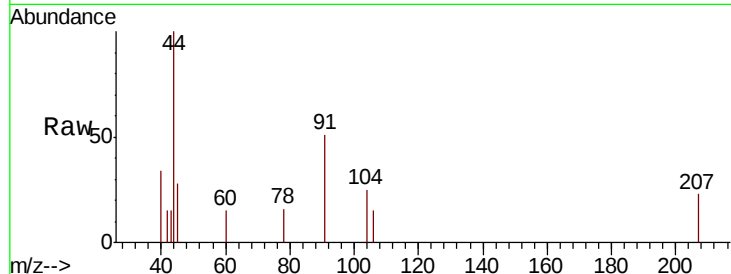
Tot Ion:104 Resp: 341

Ion Ratio Lower Upper

104 100

78 30.8 38.2 57.4#

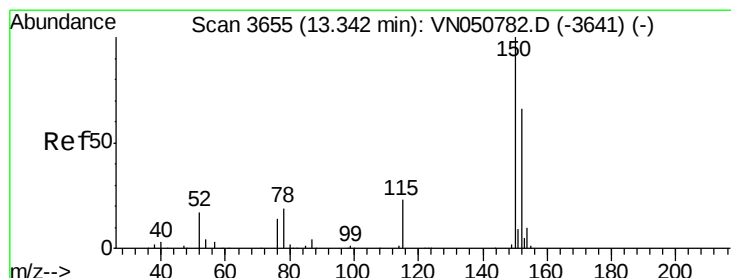
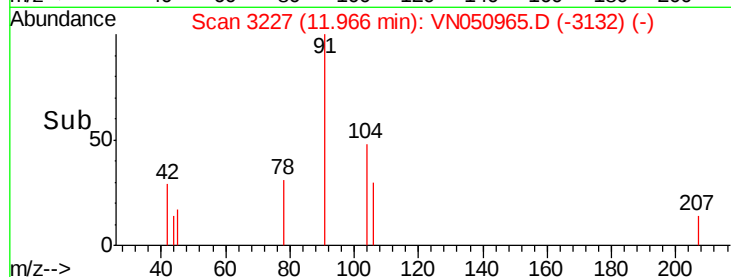
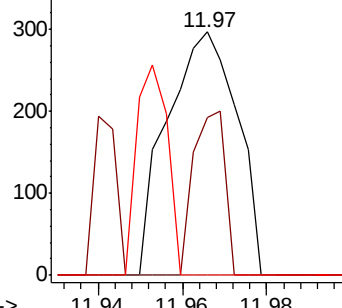
103 37.8 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN050965.D

Acq: 30 Aug 2018 16:16

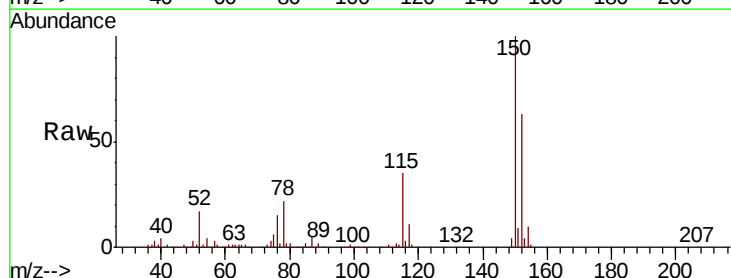
Tgt Ion:152 Resp: 290925

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.4

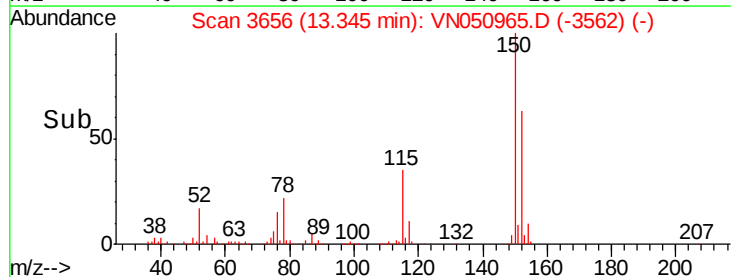
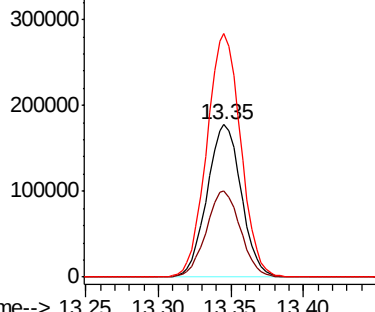
150 158.5 0.0 351.4

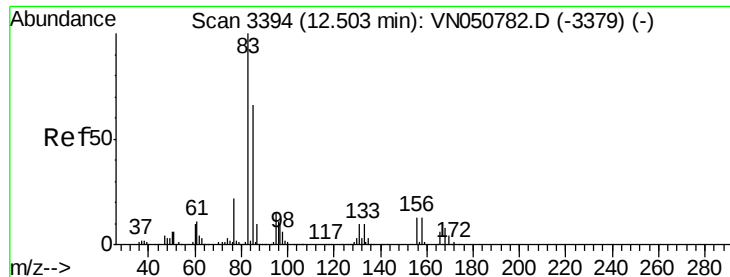


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampleId :

CG-SOIL-2

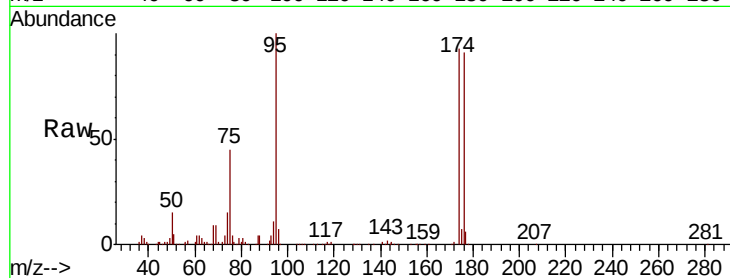
Tot Ion: 83 Resp: 182

Ion Ratio Lower Upper

83 100

131 182.4 5.3 15.9#

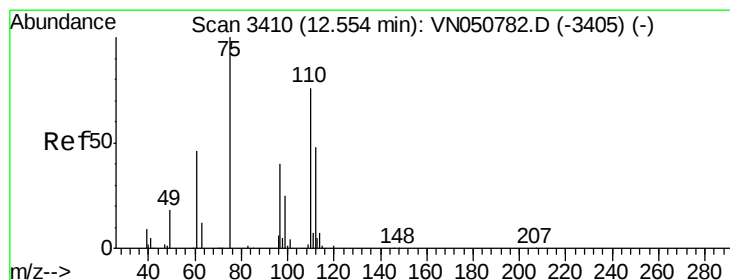
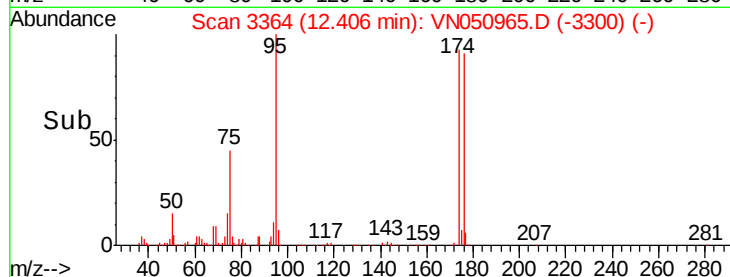
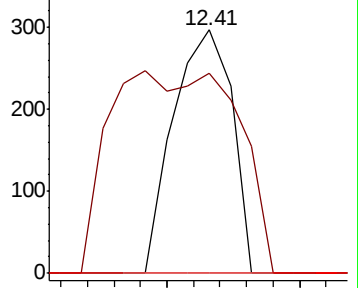
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 32.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050965.D

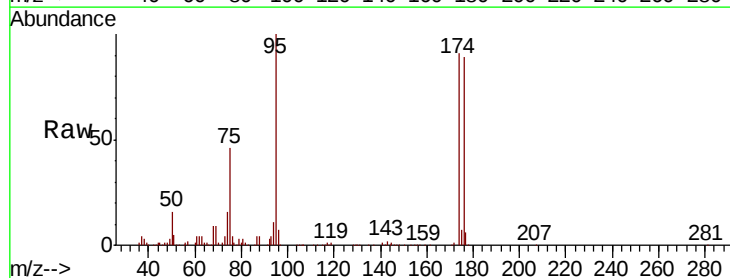
Acq: 30 Aug 2018 16:16

Tgt Ion: 75 Resp: 163071

Ion Ratio Lower Upper

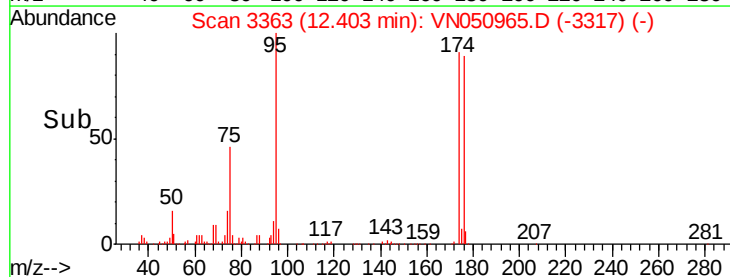
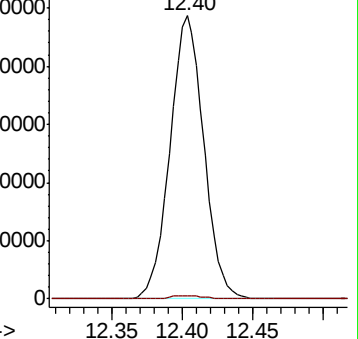
75 100

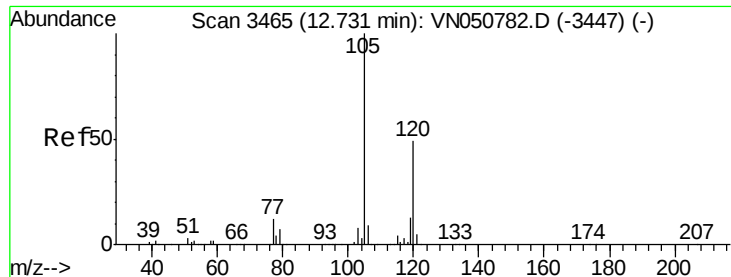
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampled :

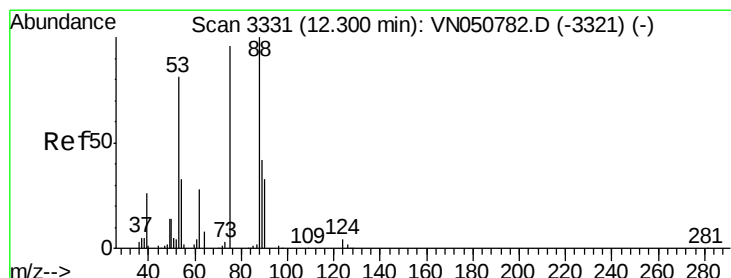
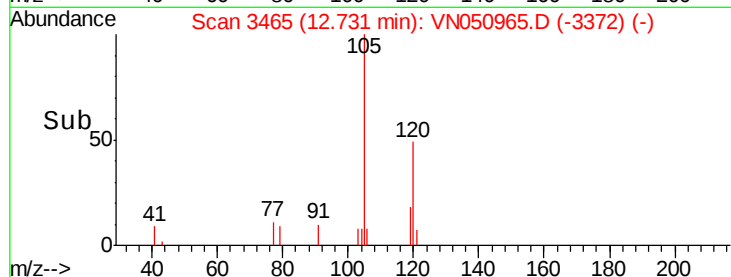
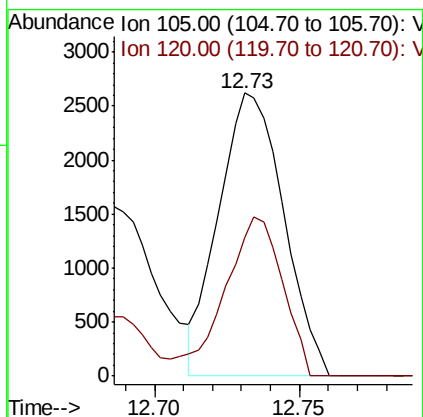
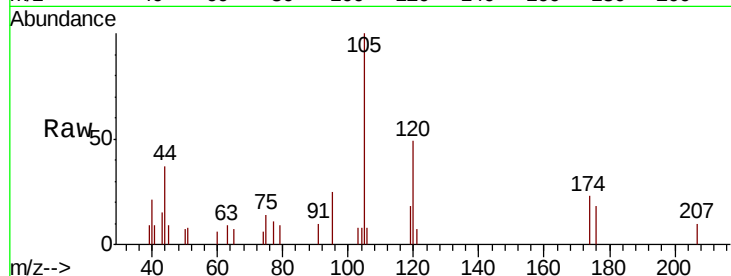
CG-SOIL-2

Tot Ion:105 Resp: 4079

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 108.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

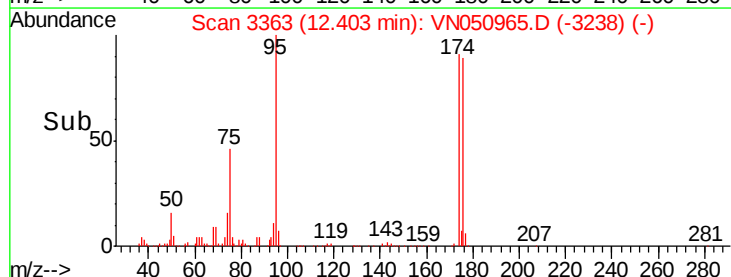
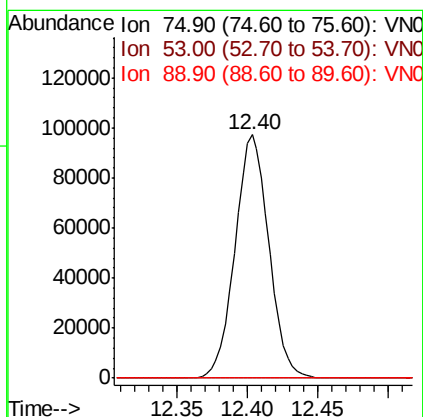
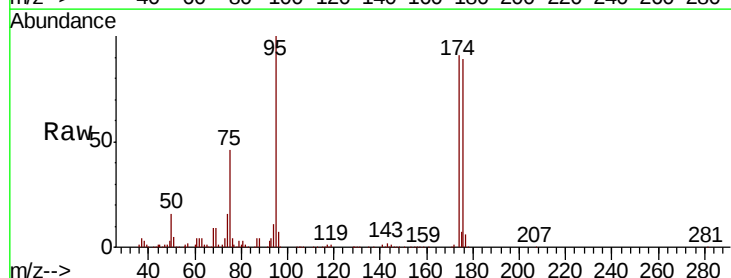
Tgt Ion: 75 Resp: 163071

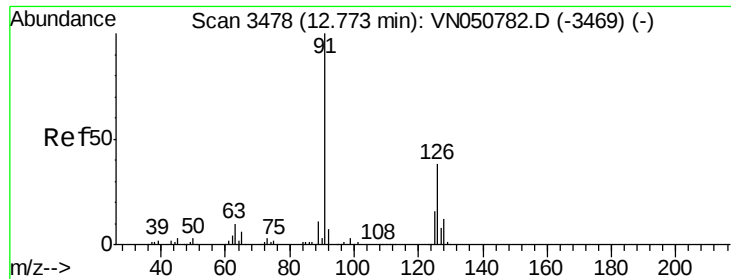
Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#





#82

4-Chlorotoluene

Concen: 0.20 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.10 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampleId :

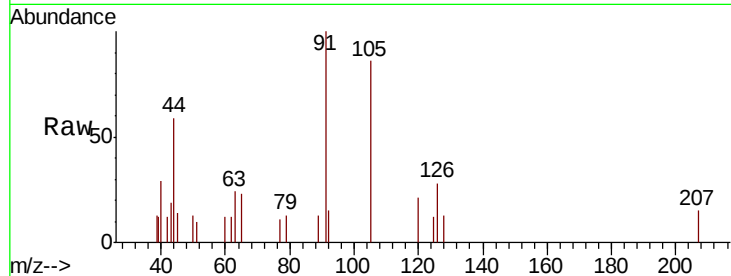
CG-SOIL-2

Tot Ion: 91 Resp: 3330

Ion Ratio Lower Upper

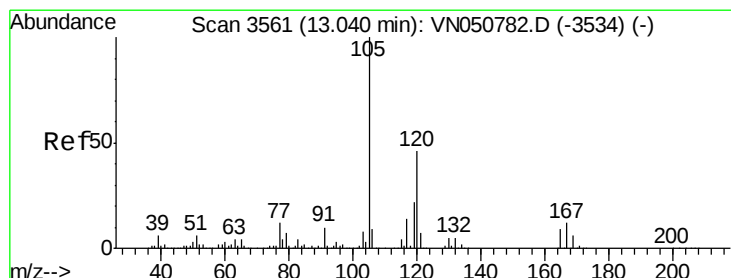
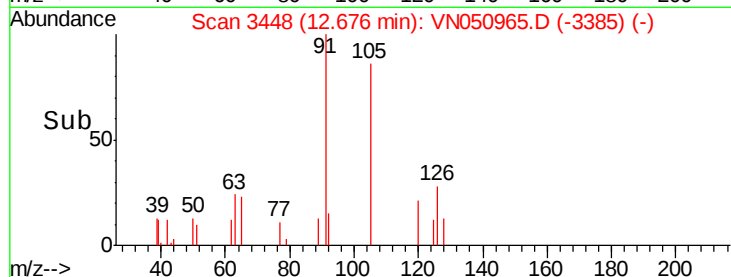
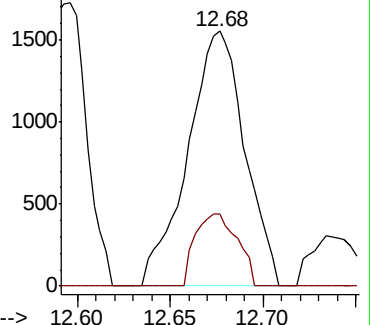
91 100

126 20.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3469) (-)

Ion 125.90 (125.60 to 126.60): VN050782.D (-3469) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.48 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050965.D

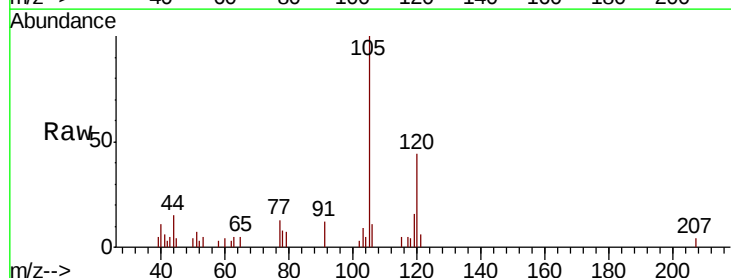
Acq: 30 Aug 2018 16:16

Tgt Ion:105 Resp: 9392

Ion Ratio Lower Upper

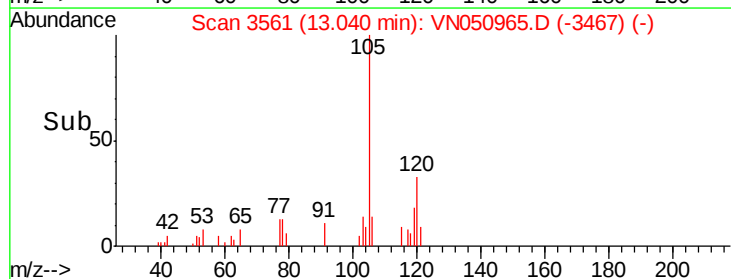
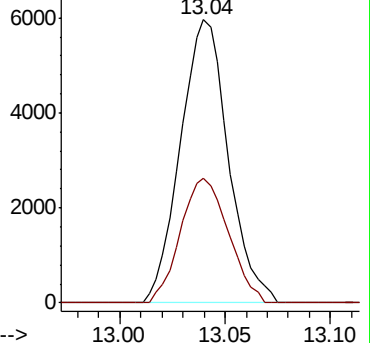
105 100

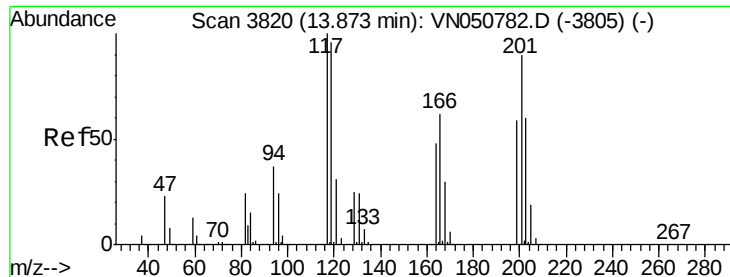
120 44.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN050782.D (-3534) (-)

Ion 120.00 (119.70 to 120.70): VN050782.D (-3534) (-)





#90

Hexachloroethane

Concen: 0.50 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

Instrument :

MSVOA_N

ClientSampleId :

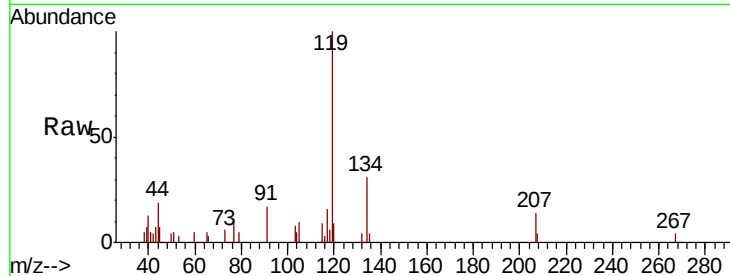
CG-SOIL-2

Tot Ion:117 Resp: 1150

Ion Ratio Lower Upper

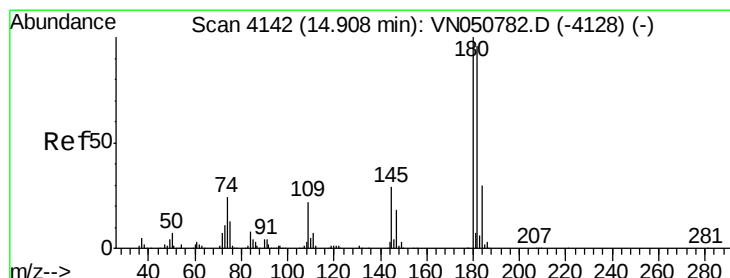
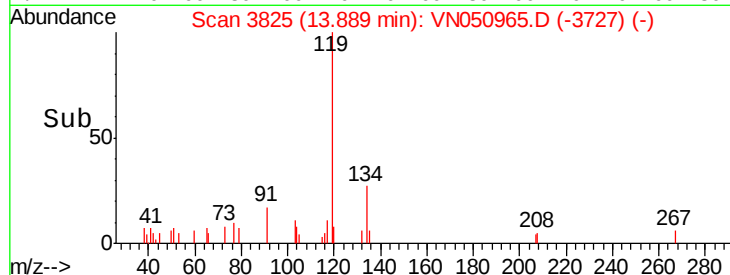
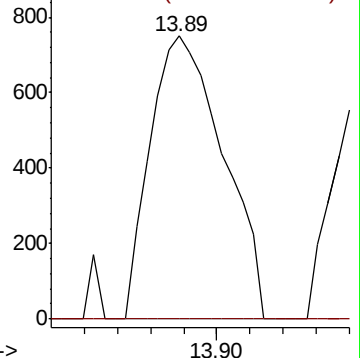
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.09 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050965.D

Acq: 30 Aug 2018 16:16

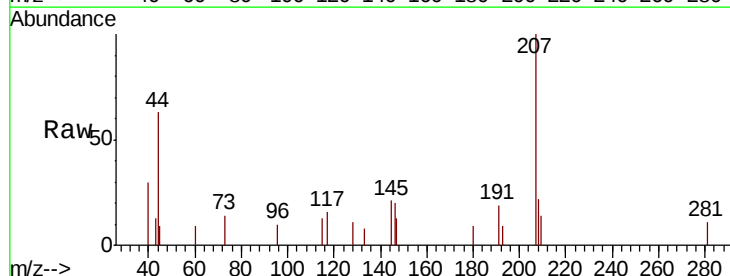
Tgt Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 48.2 144.6#

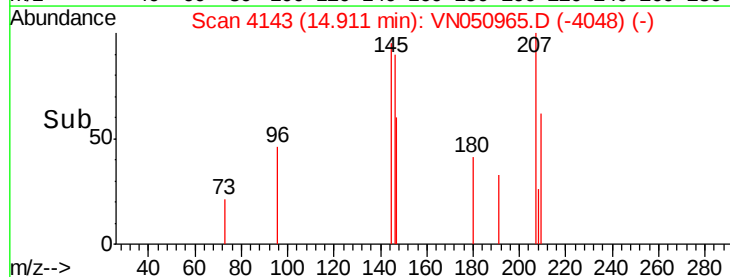
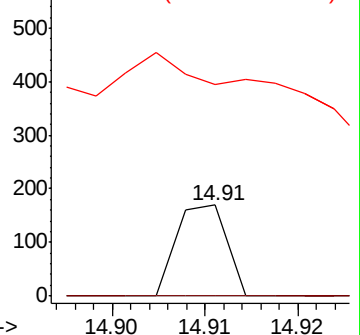
145 0.0 14.1 42.2#

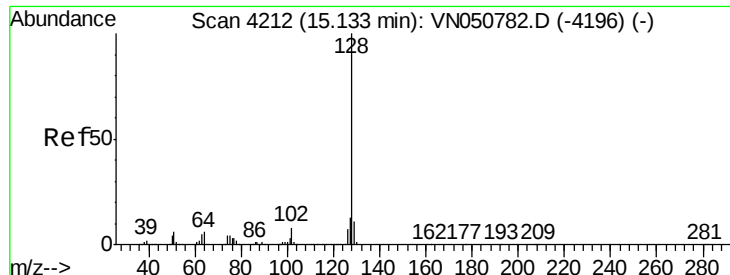


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#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:128 Resp: 71884
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

