

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\  
 Data File : VX006000.D  
 Acq On : 15 Nov 2018 03:40  
 Operator : JC/MD  
 Sample : J5932-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CG-SOIL

Quant Time: Nov 15 06:11:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 129474   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 188993   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 185786   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 78975    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 76374    | 51.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.62% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 64988    | 50.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.12% |      |
| 50) Toluene-d8            | 8.71   | 98  | 214069   | 50.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.18% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 74307    | 48.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.72%  |      |

## Target Compounds

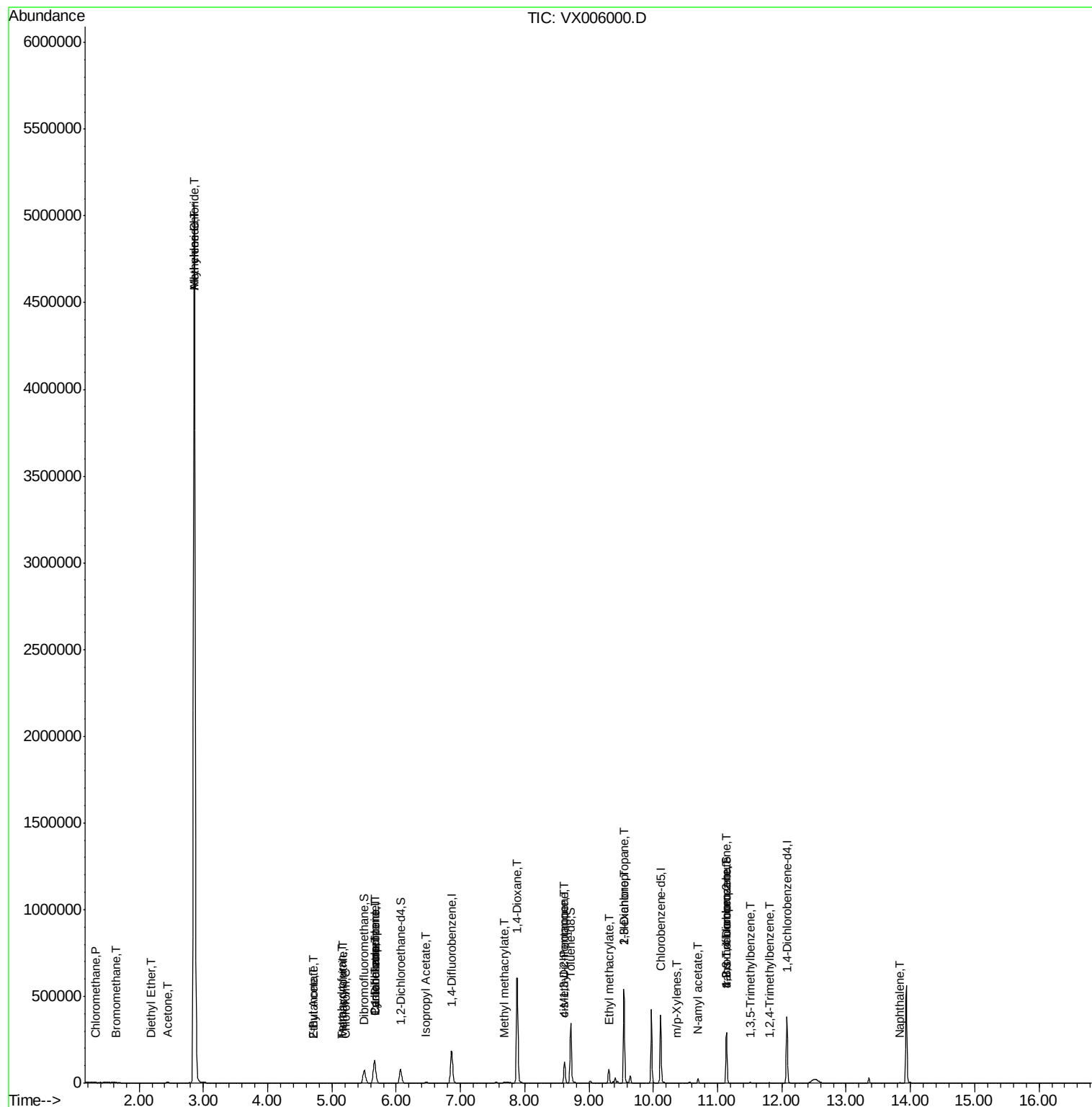
|                                |       |     |         |           |        | Qvalue |
|--------------------------------|-------|-----|---------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50  | 413     | 0.270     | ug/l   | 91     |
| 5) Bromomethane                | 1.65  | 94  | 314     | 0.334     | ug/l # | 72     |
| 8) Diethyl Ether               | 2.19  | 74  | 316     | 0.395     | ug/l # | 27     |
| 14) Allyl chloride             | 2.85  | 41  | 107122  | 41.911    | ug/l # | 30     |
| 16) Acetone                    | 2.45  | 43  | 5892    | 7.352     | ug/l   | 96     |
| 18) Methyl Acetate             | 2.78  | 43  | 1617    | Below Cal |        | 98     |
| 20) Methylene Chloride         | 2.85  | 84  | 2286590 | 1736.904  | ug/l   | 92     |
| 25) 2-Butanone                 | 4.70  | 43  | 1002    | 0.795     | ug/l # | 87     |
| 29) Tetrahydrofuran            | 5.16  | 42  | 518     | 0.640     | ug/l # | 64     |
| 30) Chloroform                 | 5.22  | 83  | 661     | 0.287     | ug/l   | 92     |
| 31) Cyclohexane                | 5.66  | 56  | 2331    | 1.124     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 9021    | 4.951     | ug/l # | 49     |
| 37) Ethyl Acetate              | 4.70  | 43  | 1002    | 0.418     | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.66  | 117 | 11631   | 6.377     | ug/l # | 15     |
| 41) Methacrylonitrile          | 5.17  | 41  | 355     | 0.274     | ug/l # | 44     |
| 43) Isopropyl Acetate          | 6.46  | 43  | 9240    | 2.662     | ug/l   | 96     |
| 48) Methyl methacrylate        | 7.68  | 41  | 5233    | 3.357     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 7.87  | 88  | 27      | 0.804     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 41273   | 18.864    | ug/l # | 50     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75  | 18808   | 10.228    | ug/l # | 61     |
| 56) Ethyl methacrylate         | 9.31  | 69  | 500     | 0.253     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 9.54  | 76  | 4324    | 1.945     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43  | 65232   | 33.823    | ug/l # | 53     |
| 68) m/p-Xylenes                | 10.36 | 106 | 539     | 0.237     | ug/l   | 89     |
| 74) N-amyl acetate             | 10.69 | 43  | 6246    | 3.627     | ug/l # | 54     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 37124   | 23.086    | ug/l # | 36     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 2059    | 0.531     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 37124   | 73.578    | ug/l # | 9      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 1706    | 0.279     | ug/l   | 95     |
| 95) Naphthalene                | 13.83 | 128 | 2047    | 1.529     | ug/l   | 98     |

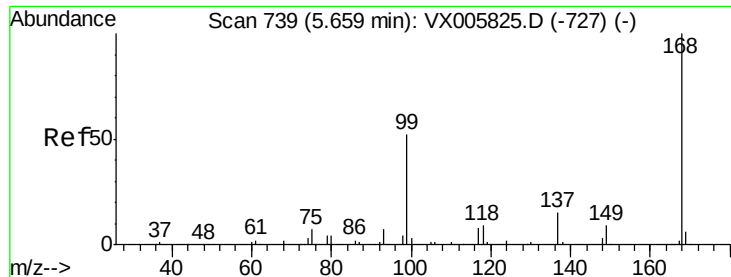
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111418\  
Data File : VX006000.D  
Acq On : 15 Nov 2018 03:40  
Operator : JC/MD  
Sample : J5932-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
CG-SOIL

Quant Time: Nov 15 06:11:11 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

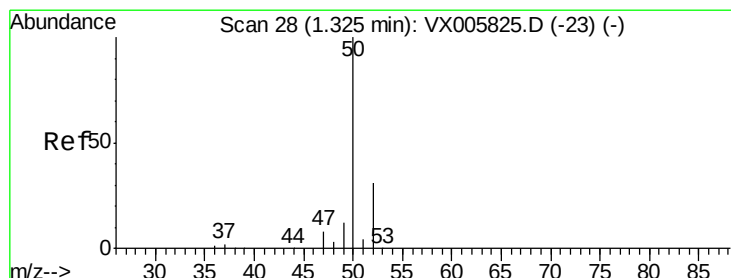
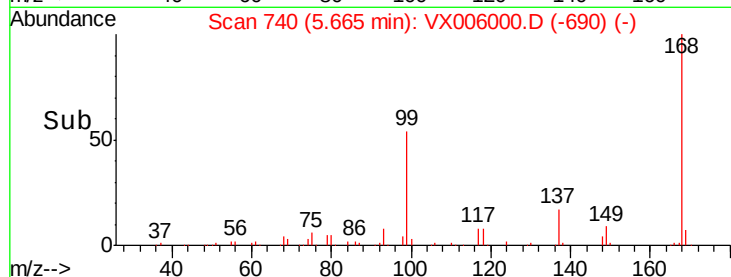
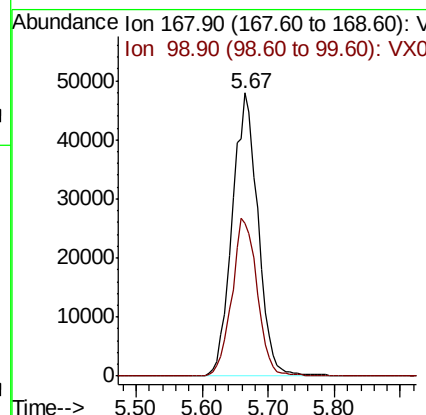
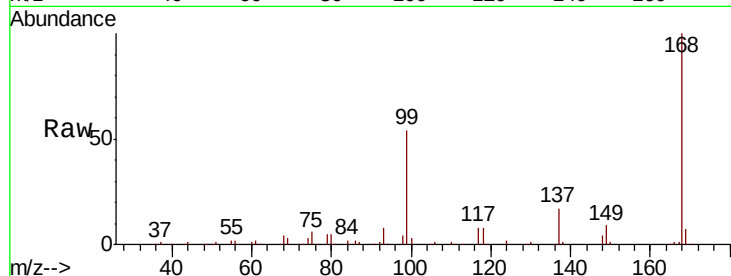




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

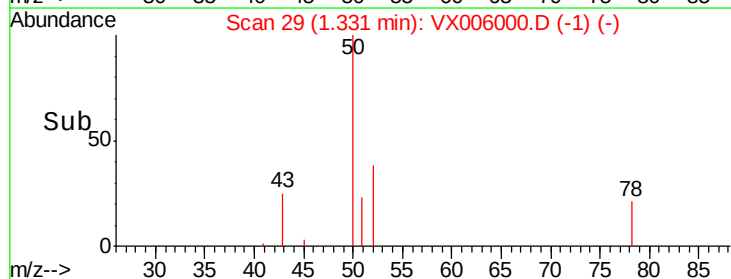
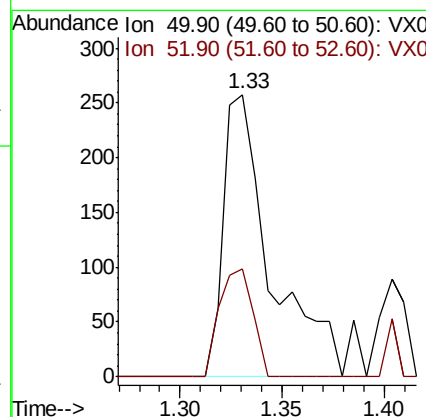
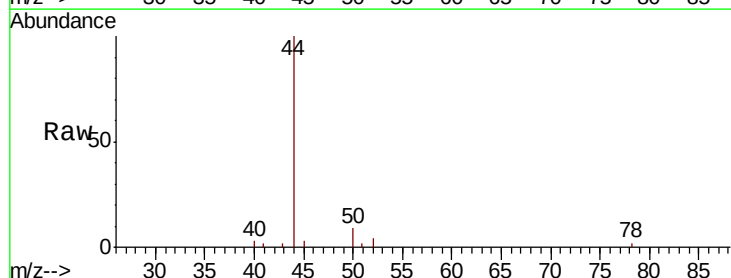
Instrument :  
MSVOA\_X  
ClientSampleId :  
CG-SOIL

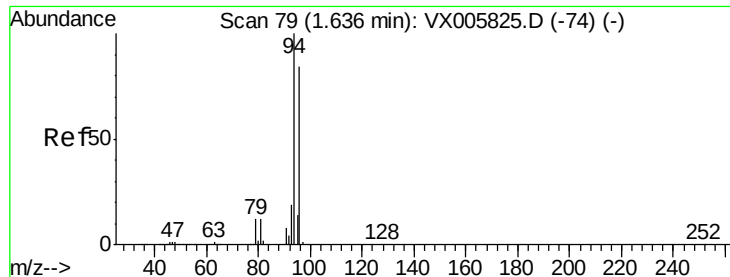
Tot Ion:168 Resp: 129474  
Ion Ratio Lower Upper  
168 100  
99 54.2 40.7 61.1



#3  
Chloromethane  
Concen: 0.270 ug/l  
RT: 1.33 min Scan# 29  
Delta R.T. 0.01 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 50 Resp: 413  
Ion Ratio Lower Upper  
50 100  
52 38.0 26.2 39.2





#5

Bromomethane

Concen: 0.334 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampled :

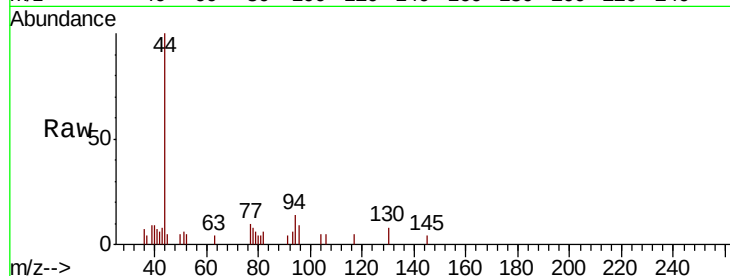
CG-SOIL

Tot Ion: 94 Resp: 314

Ion Ratio Lower Upper

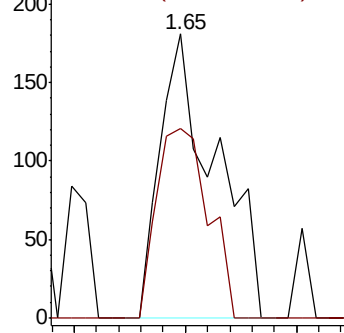
94 100

96 66.9 75.2 112.8#

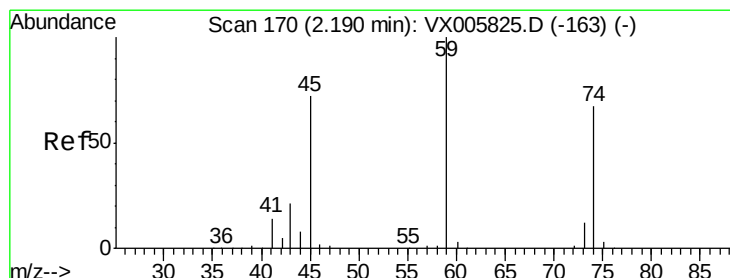
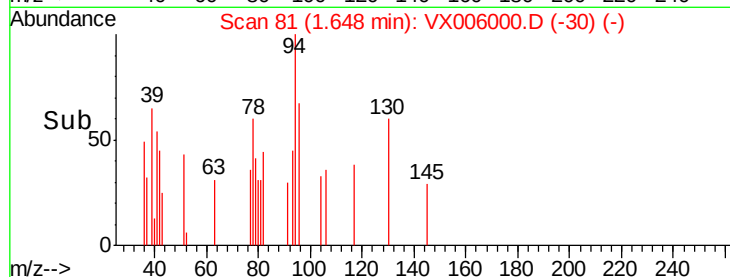


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#8

Diethyl Ether

Concen: 0.395 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006000.D

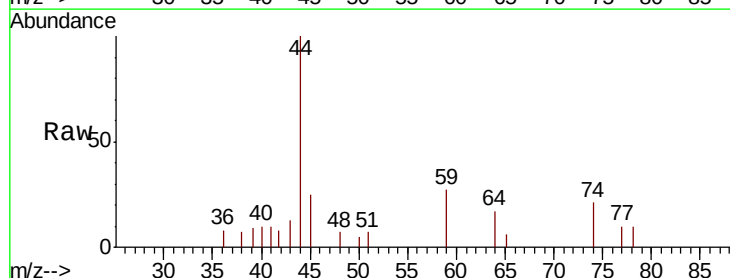
Acq: 15 Nov 2018 03:40

Tgt Ion: 74 Resp: 316

Ion Ratio Lower Upper

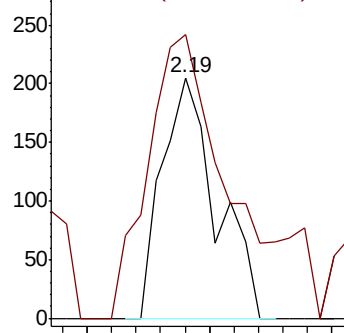
74 100

45 184.5 54.1 162.3#

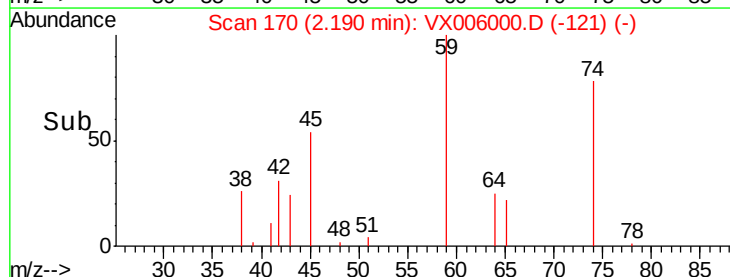


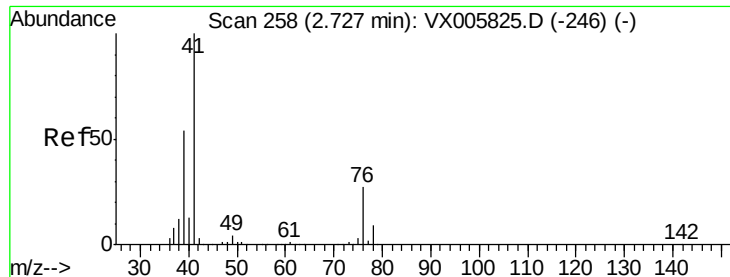
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->

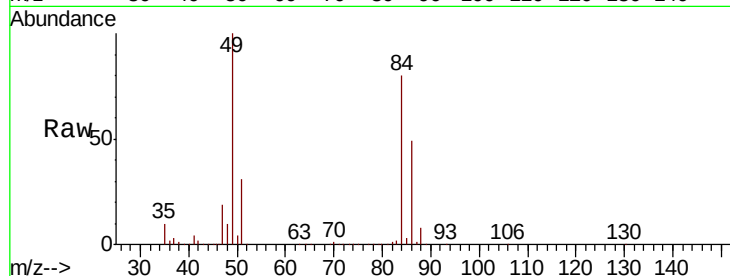




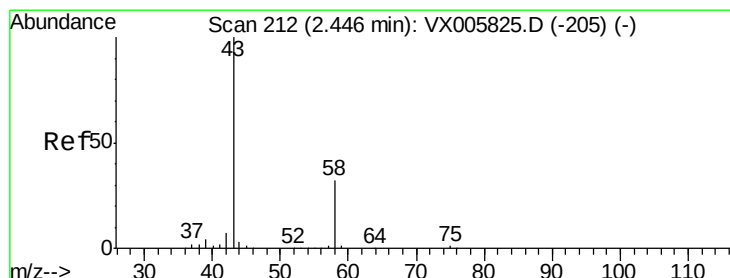
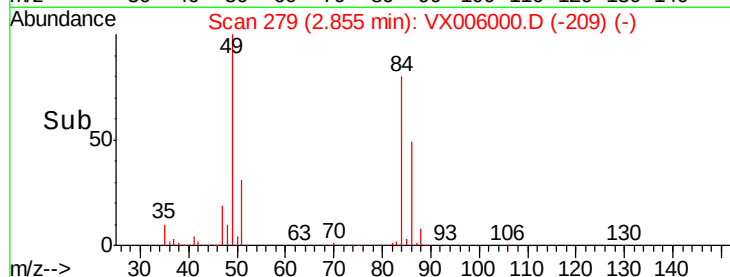
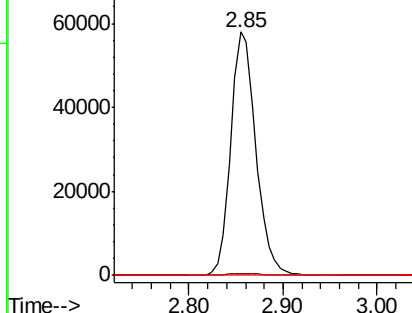
#14  
Allvl chloride  
Concen: 41.911 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.13 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Instrument :  
MSVOA\_X  
ClientSampled :  
CG-SOIL

Tot Ion: 41 Resp: 107122  
Ion Ratio Lower Upper  
41 100  
39 1.0 48.2 72.4#  
76 0.0 21.9 32.9#

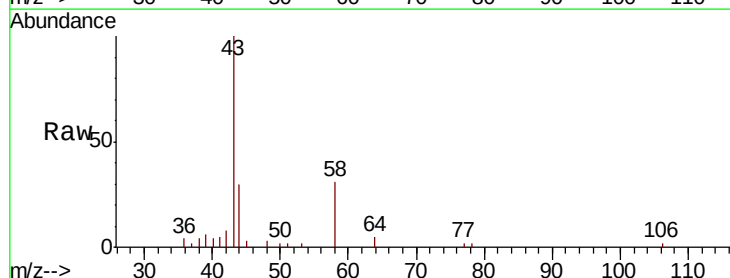


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 75.90 (75.60 to 76.60): VX0

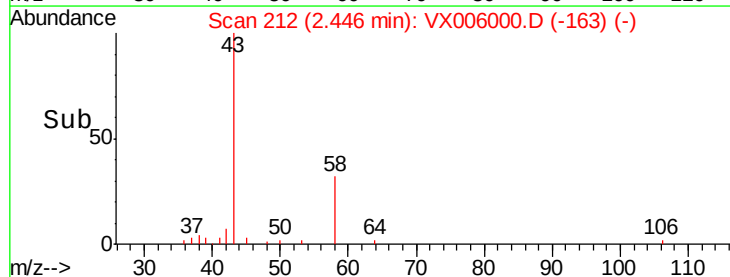
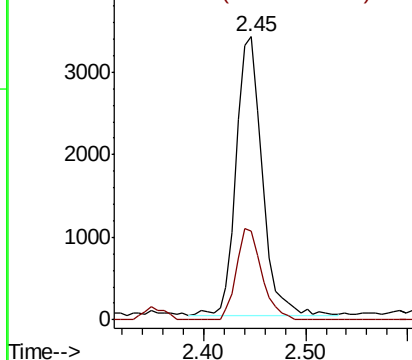


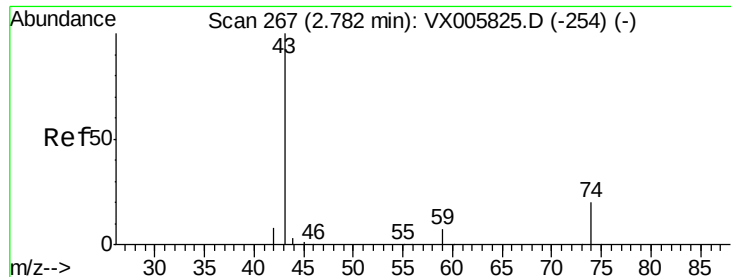
#16  
Acetone  
Concen: 7.352 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 43 Resp: 5892  
Ion Ratio Lower Upper  
43 100  
58 31.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

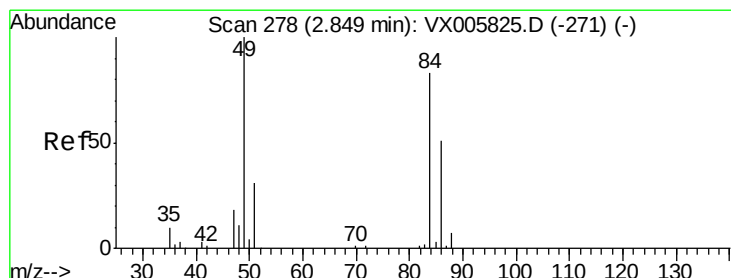
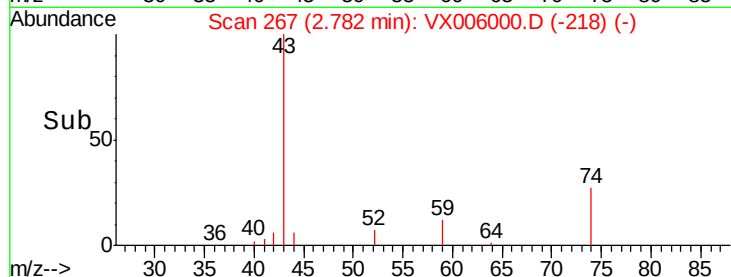
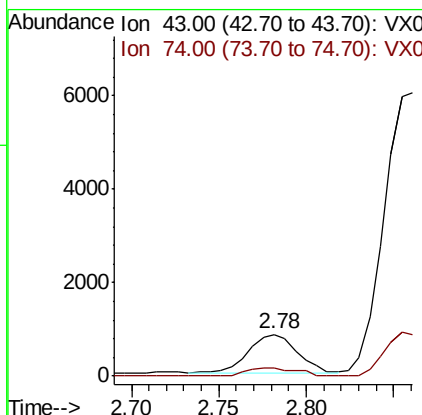
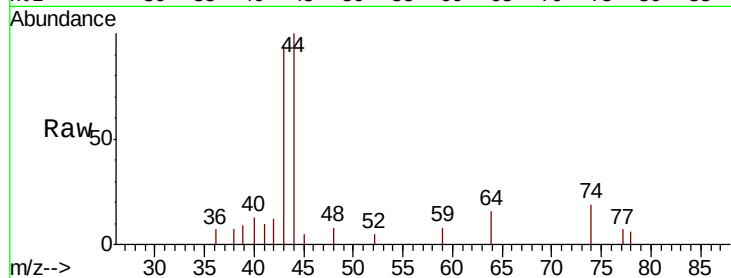




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

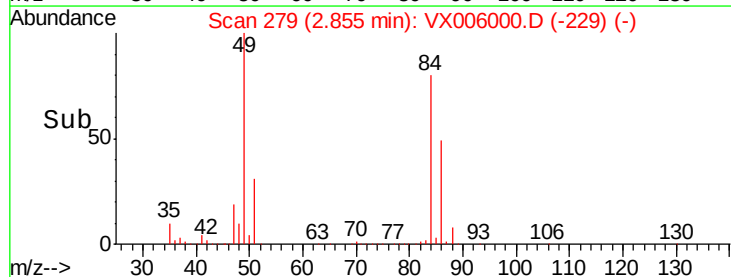
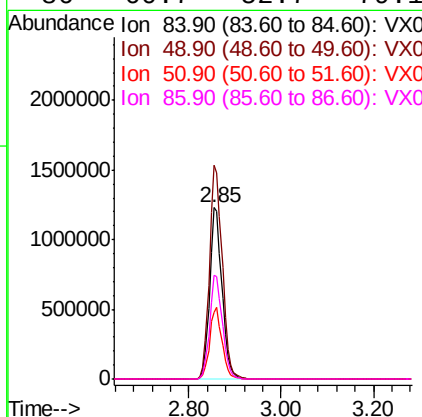
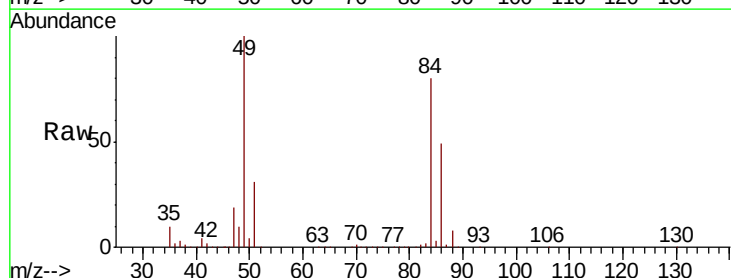
Instrument :  
MSVOA\_X  
ClientSampled :  
CG-SOIL

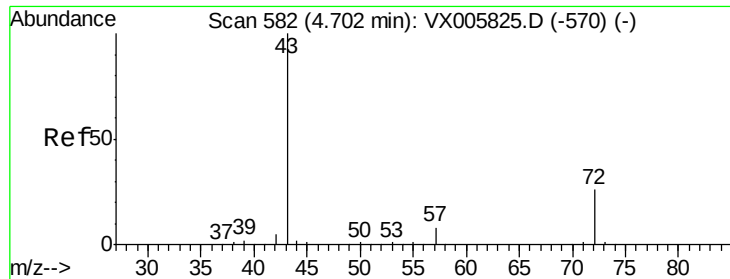
Tot Ion: 43 Resp: 1617  
Ion Ratio Lower Upper  
43 100  
74 22.1 16.8 25.2



#20  
Methylene Chloride  
Concen: 1736.904 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.01 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 84 Resp: 2286590  
Ion Ratio Lower Upper  
84 100  
49 124.8 109.5 164.3  
51 38.7 33.3 49.9  
86 60.7 52.7 79.1





#25

2-Butanone

Concen: 0.795 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampled :

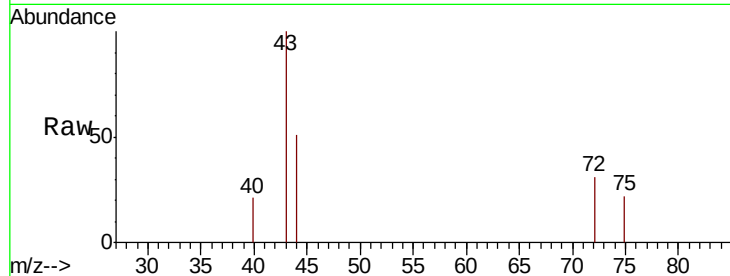
CG-SOIL

Tot Ion: 43 Resp: 1002

Ion Ratio Lower Upper

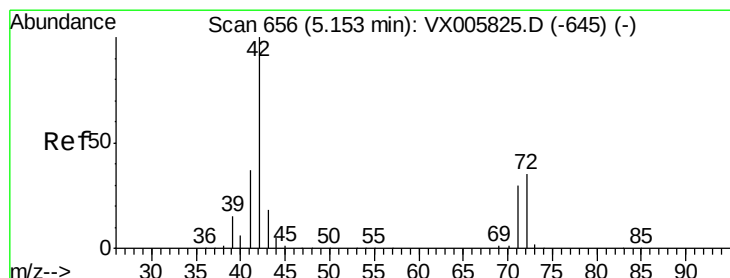
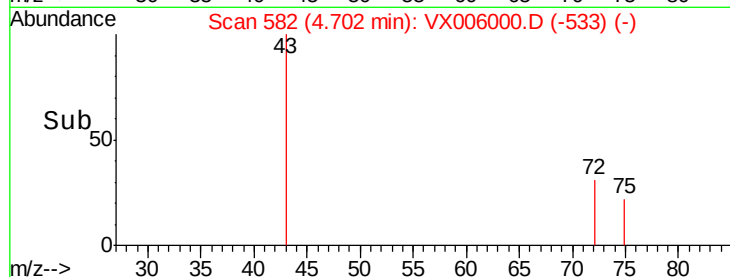
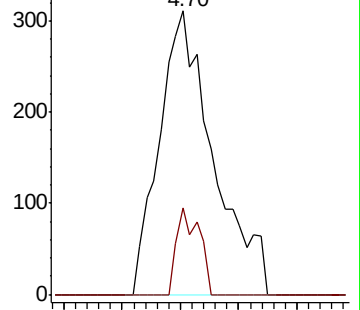
43 100

72 30.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.640 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

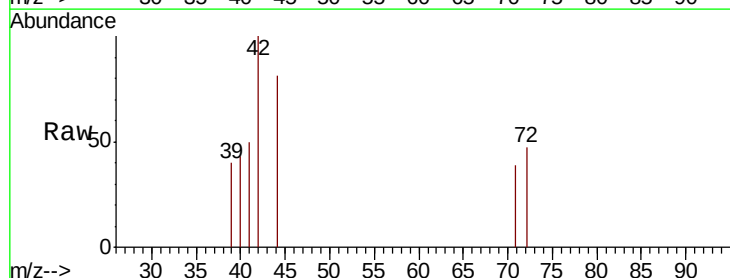
Tgt Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

72 23.2 32.0 48.0#

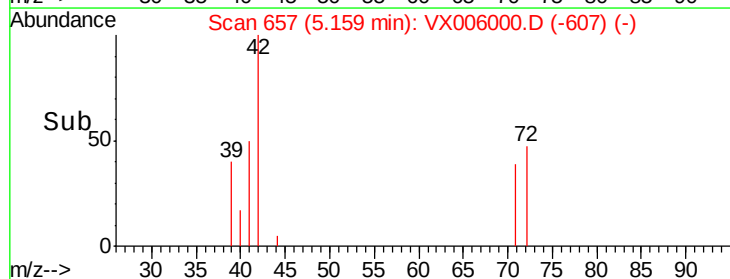
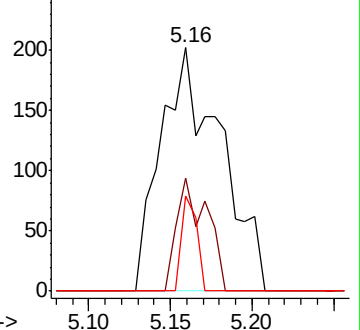
71 9.8 29.8 44.8#

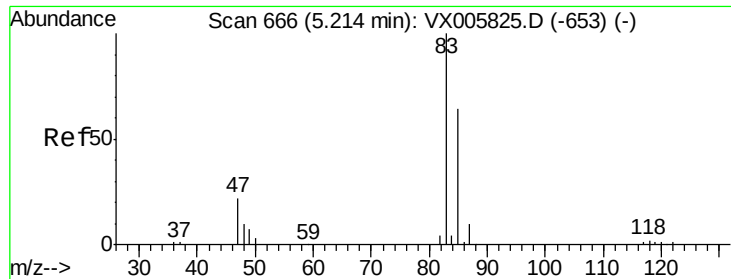


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

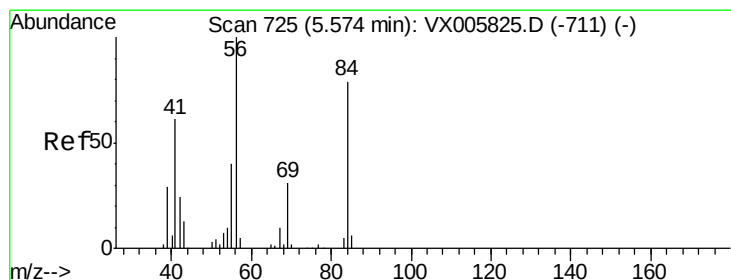
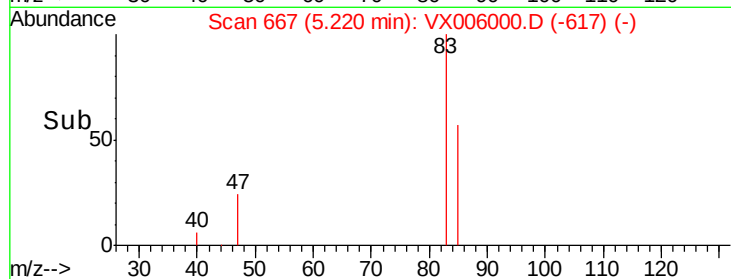
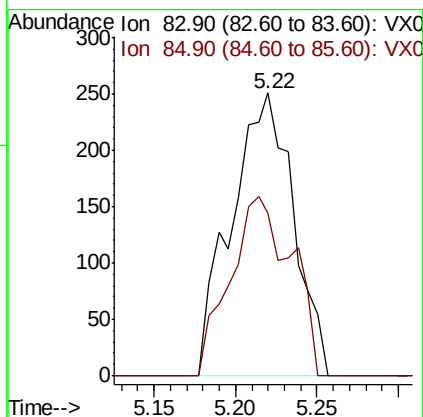
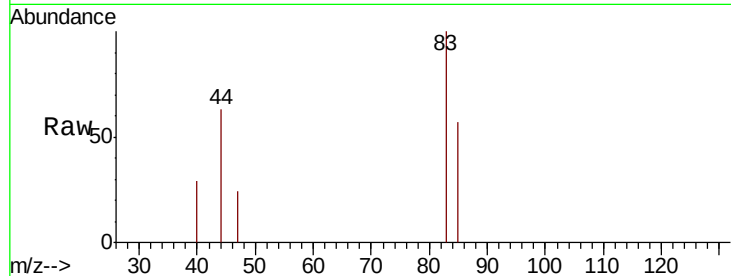




#30  
Chloroform  
Concen: 0.287 ug/l  
RT: 5.22 min Scan# 667  
Delta R.T. 0.01 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

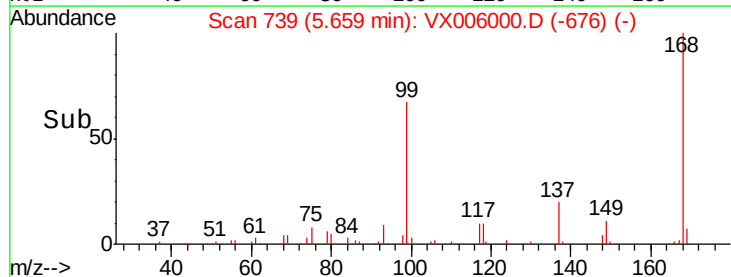
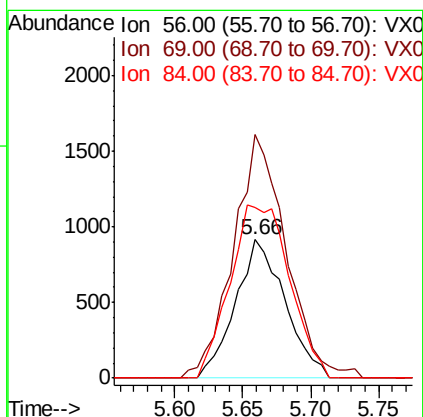
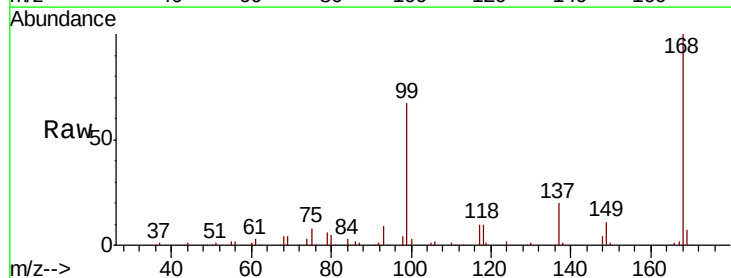
Instrument :  
MSVOA\_X  
ClientSampled :  
CG-SOIL

Tot Ion: 83 Resp: 661  
Ion Ratio Lower Upper  
83 100  
85 57.4 50.6 76.0

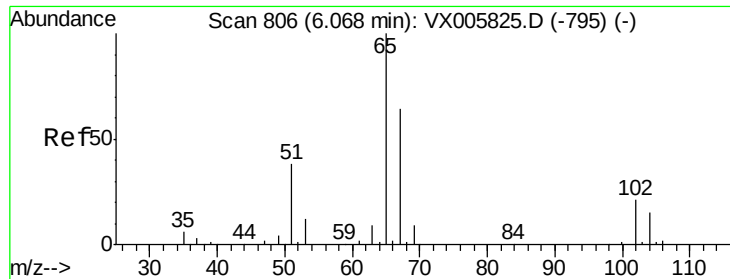


#31  
Cyclohexane  
Concen: 1.124 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.09 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 56 Resp: 2331  
Ion Ratio Lower Upper  
56 100  
69 169.9 22.6 34.0#  
84 122.9 62.7 94.1#



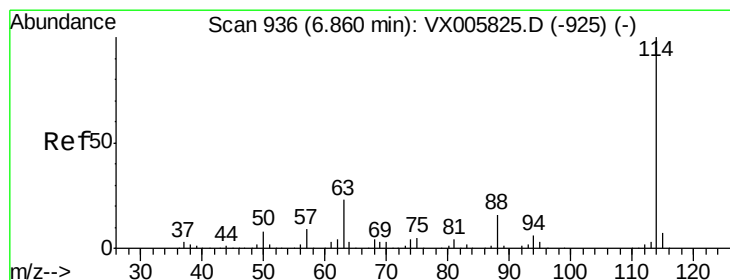
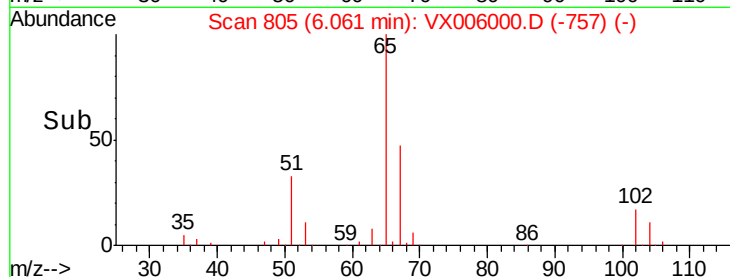
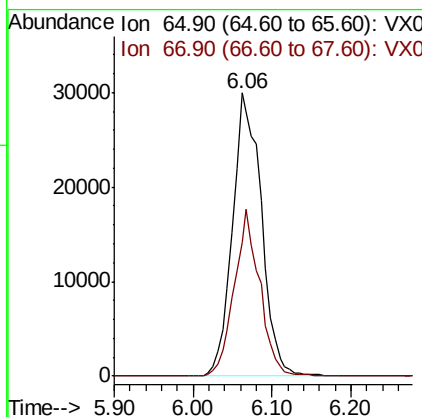
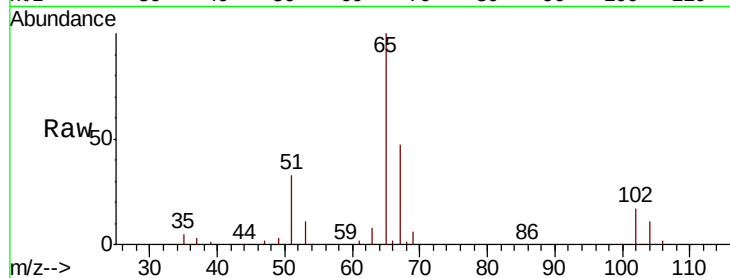




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.310 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

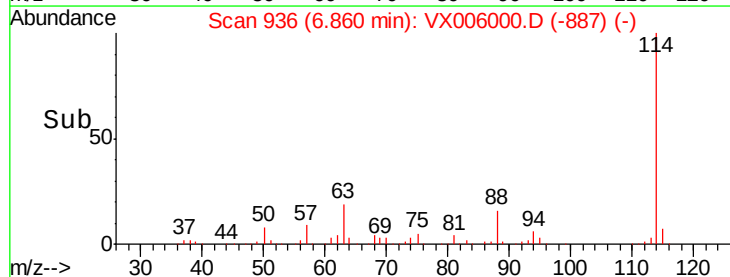
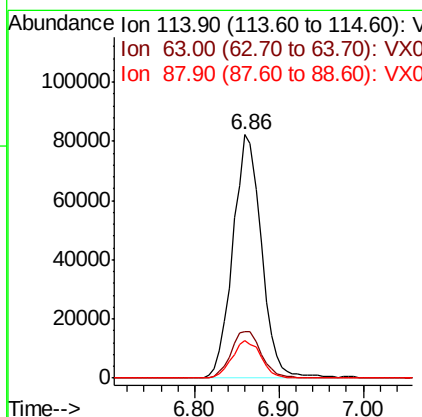
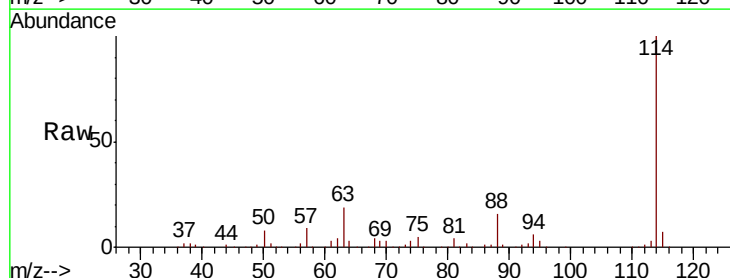
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CG-SOIL

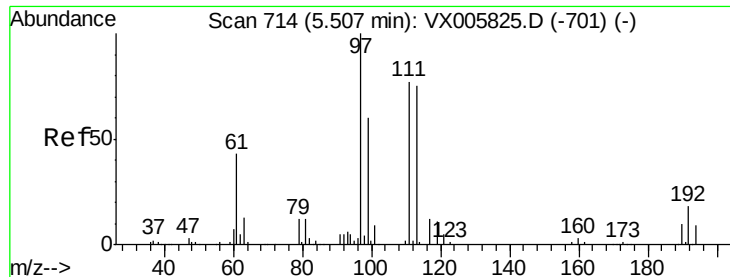
Tot Ion: 65 Resp: 76374  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Tgt Ion: 114 Resp: 188993  
 Ion Ratio Lower Upper  
 114 100  
 63 19.0 0.0 42.8  
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.557 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampleId :

CG-SOIL

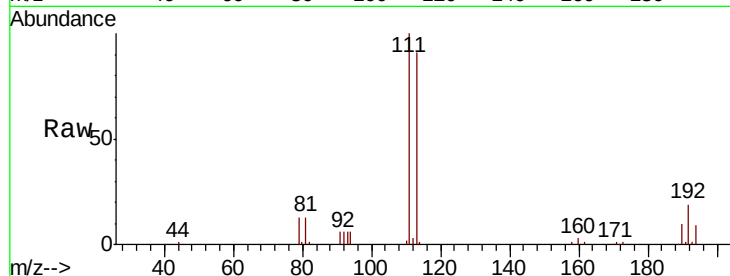
Tot Ion:113 Resp: 64988

Ion Ratio Lower Upper

113 100

111 99.2 82.3 123.5

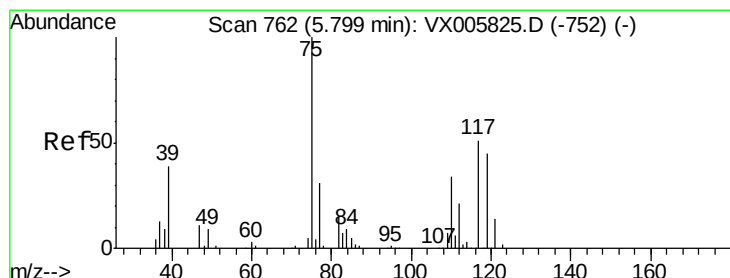
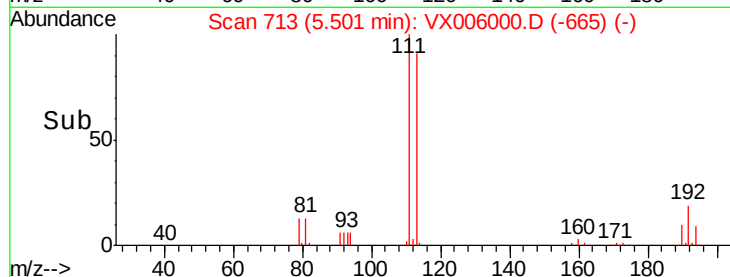
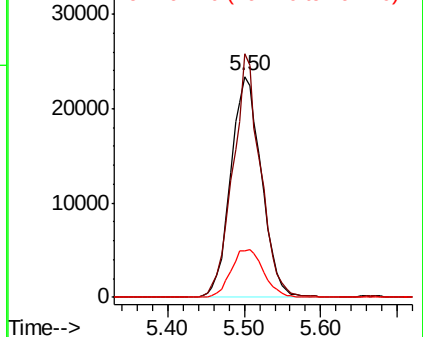
192 22.9 17.9 26.9



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



#36

1,1-Dichloropropene

Concen: 4.951 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

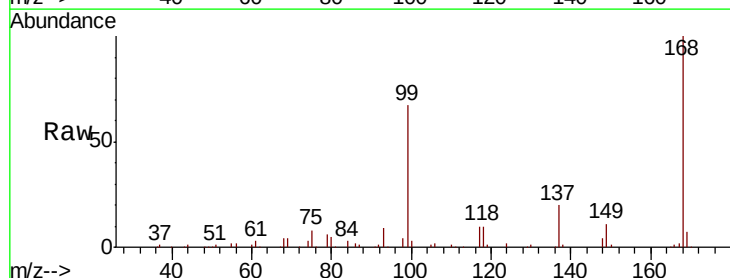
Tgt Ion: 75 Resp: 9021

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.2#

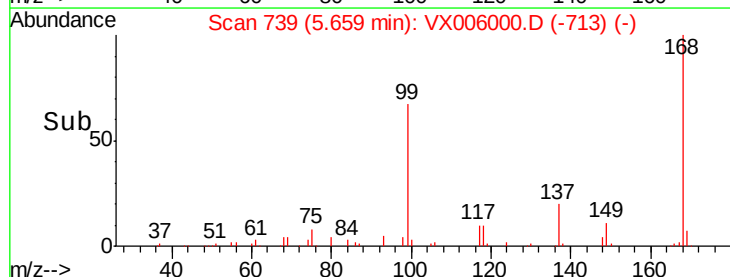
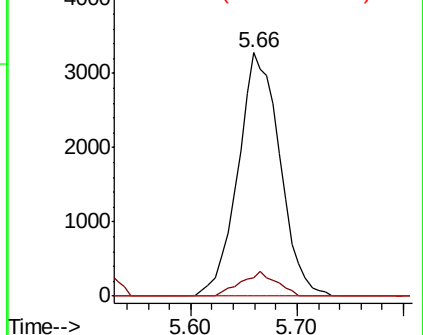
77 0.0 25.8 38.6#

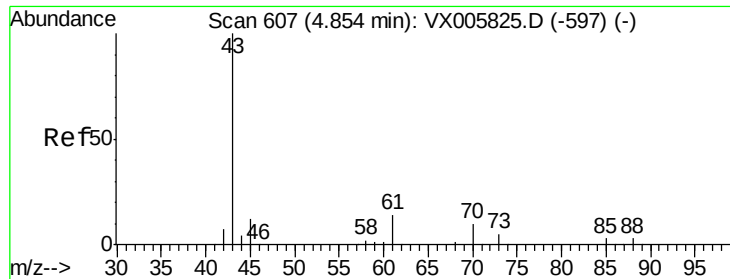


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

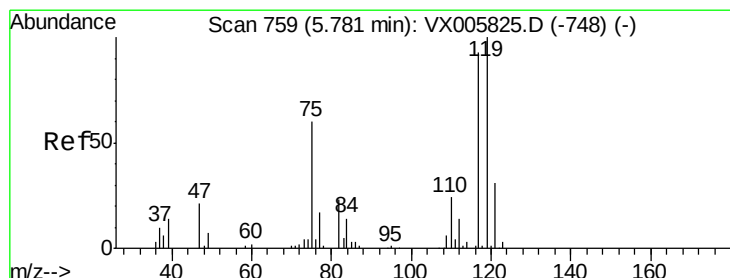
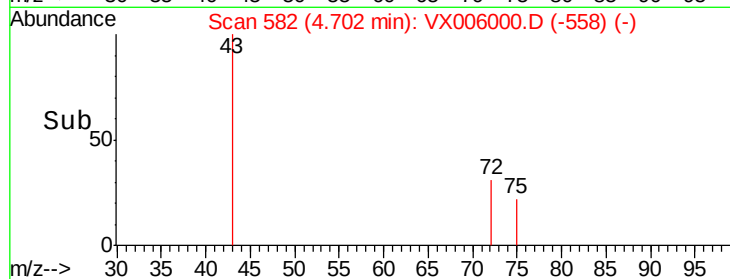
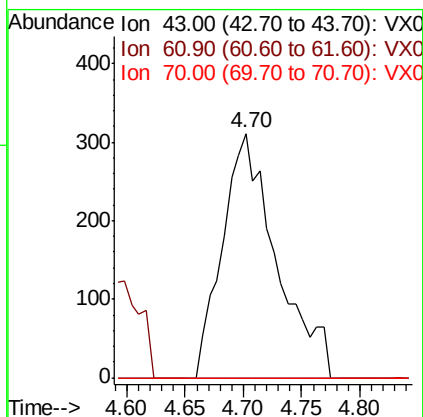
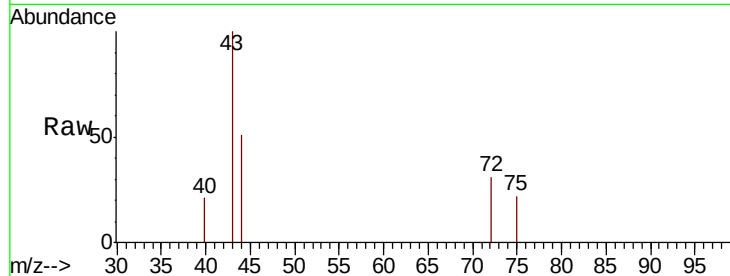




#37  
Ethyl Acetate  
Concen: 0.418 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. -0.15 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

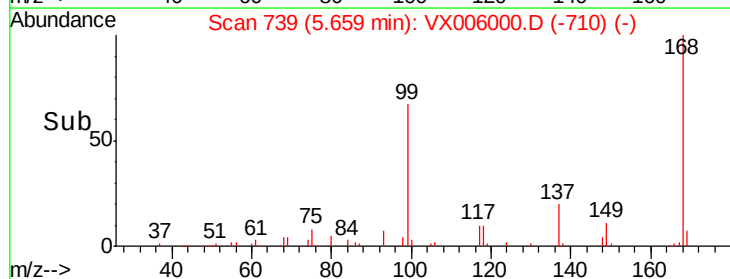
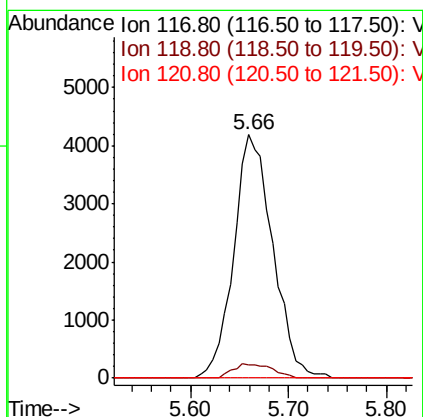
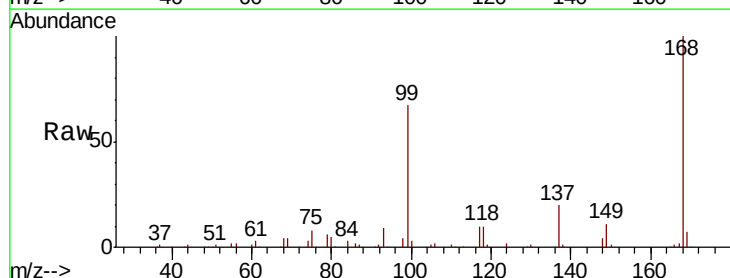
Instrument :  
MSVOA\_X  
ClientSampleId :  
CG-SOIL

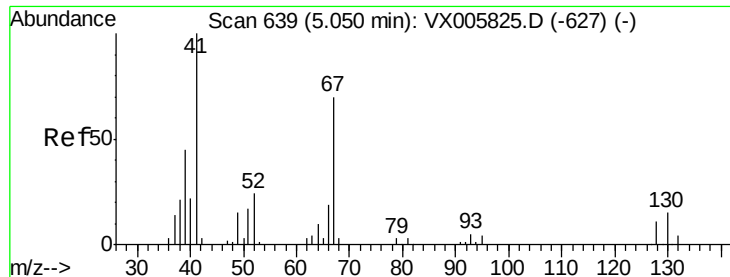
Tot Ion: 43 Resp: 1002  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.8 16.2#  
70 0.0 7.8 11.8#



#38  
Carbon Tetrachloride  
Concen: 6.377 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. -0.12 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 117 Resp: 11631  
Ion Ratio Lower Upper  
117 100  
119 5.3 78.1 117.1#  
121 0.0 24.6 36.8#





#41

Methacrylonitrile

Concen: 0.274 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.12 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampled :

CG-SOIL

Tot Ion: 41 Resp: 355

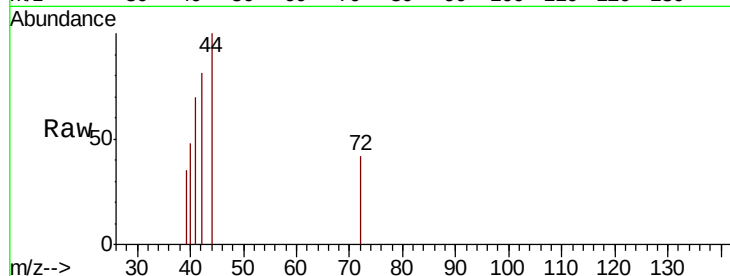
Ion Ratio Lower Upper

41 100

39 36.9 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#

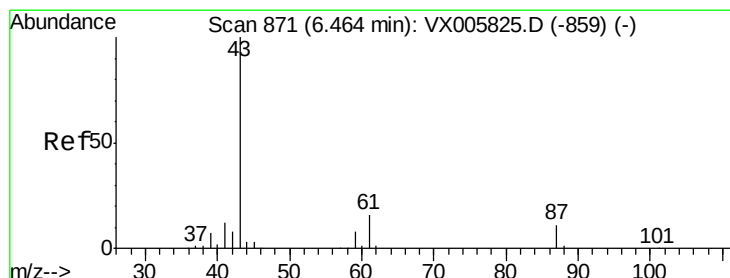
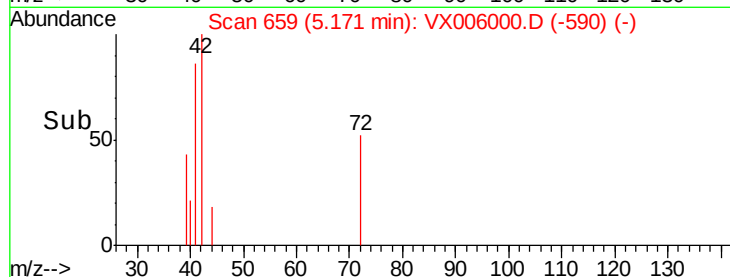
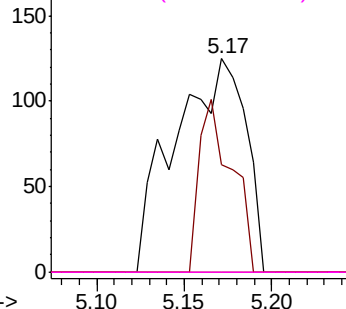


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 2.662 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

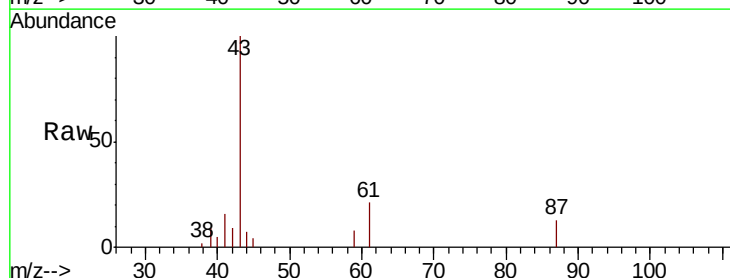
Tgt Ion: 43 Resp: 9240

Ion Ratio Lower Upper

43 100

61 20.8 14.6 22.0

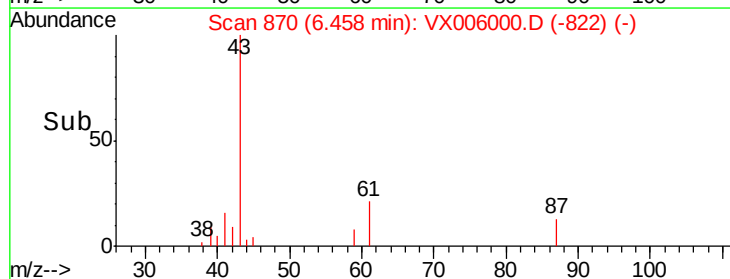
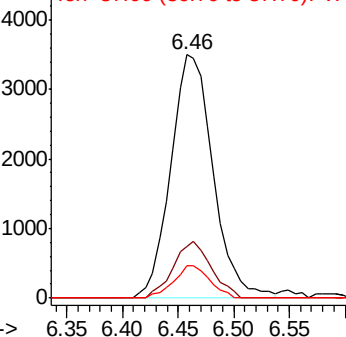
87 11.3 9.6 14.4

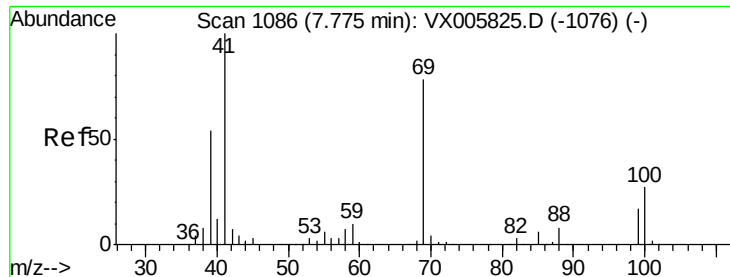


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

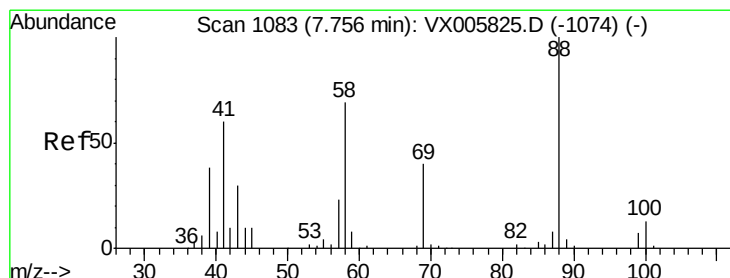
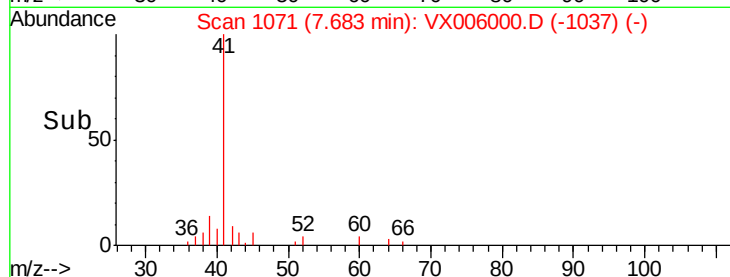
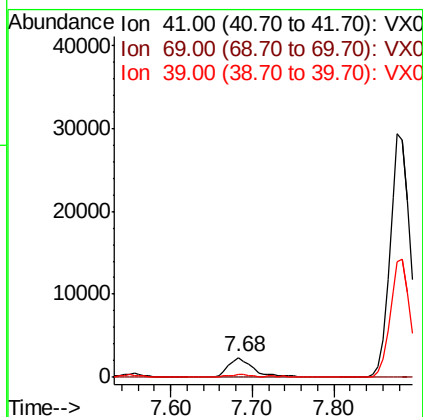
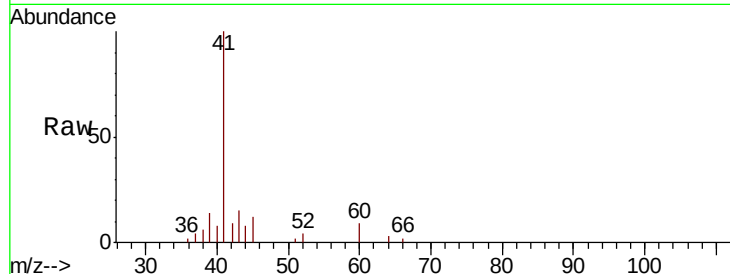




#48  
Methvl methacrylate  
Concen: 3.357 ug/l  
RT: 7.68 min Scan# 1071  
Delta R.T. -0.09 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

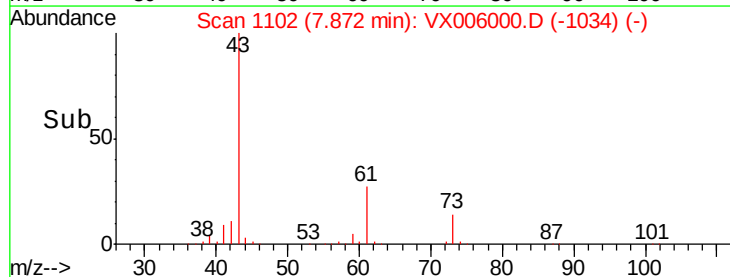
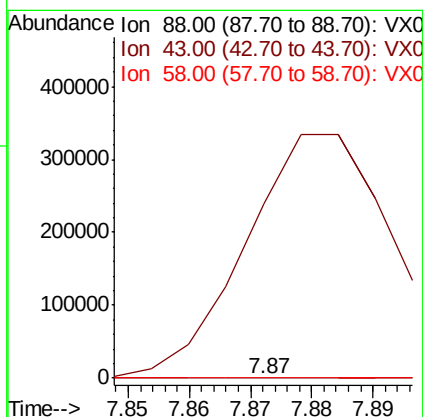
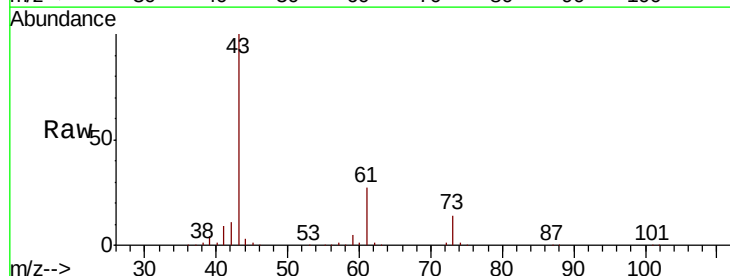
Instrument :  
MSVOA\_X  
ClientSampleId :  
CG-SOIL

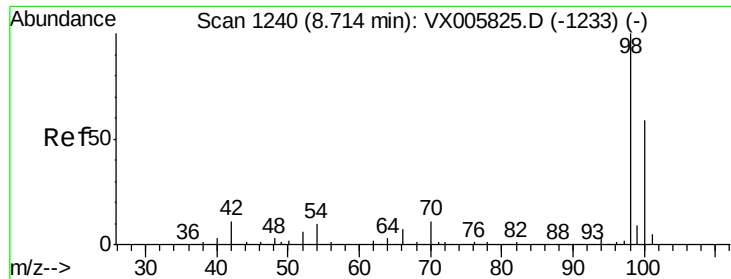
Tot Ion: 41 Resp: 5233  
Ion Ratio Lower Upper  
41 100  
69 0.0 63.2 94.8#  
39 0.0 42.2 63.2#



#49  
1,4-Dioxane  
Concen: 0.804 ug/l  
RT: 7.87 min Scan# 1102  
Delta R.T. 0.12 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 88 Resp: 27  
Ion Ratio Lower Upper  
88 100  
43 2158092.6 27.4 41.0#  
58 9266.7 59.4 89.2#

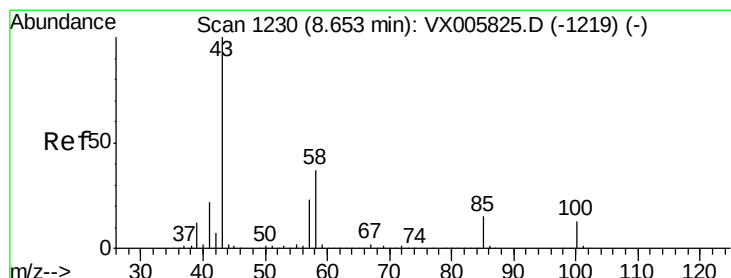
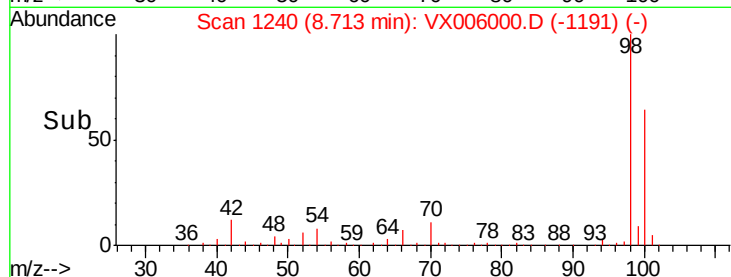
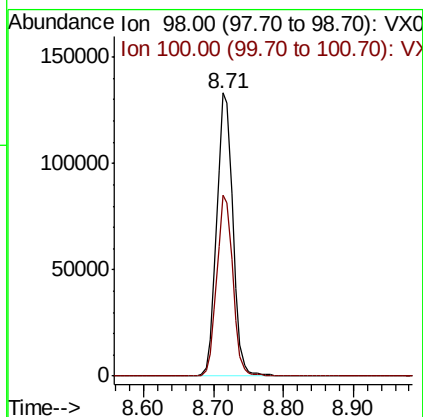
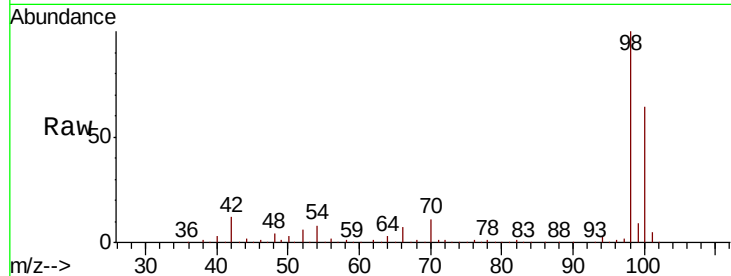




#50  
Toluene-d8  
Concen: 50.092 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

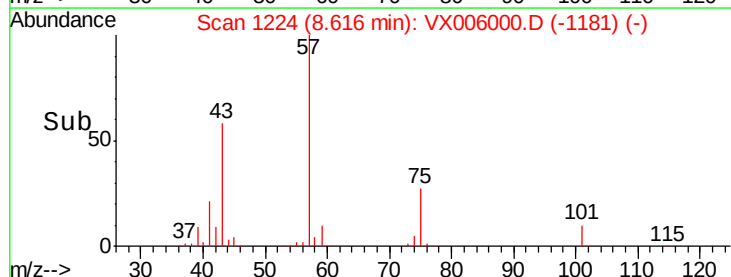
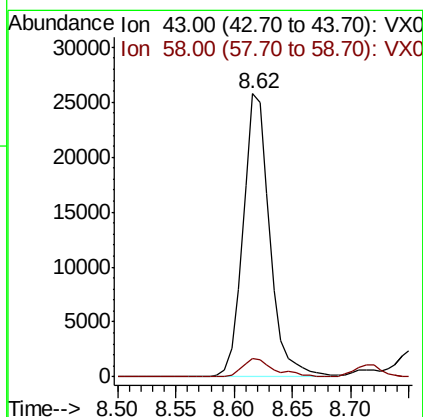
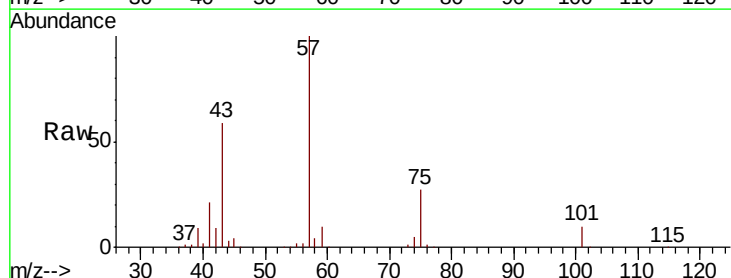
Instrument :  
MSVOA\_X  
ClientSampled :  
CG-SOIL

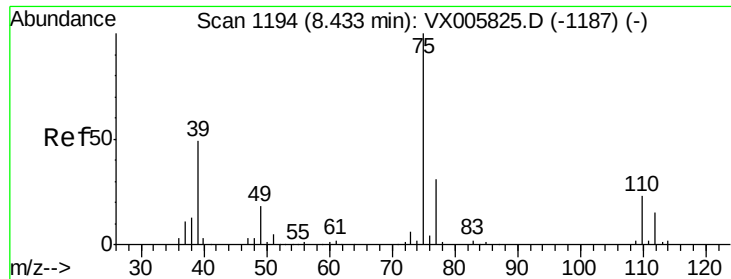
Tot Ion: 98 Resp: 214069  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.3 76.9



#51  
4-Methyl-2-Pentanone  
Concen: 18.864 ug/l  
RT: 8.62 min Scan# 1224  
Delta R.T. -0.04 min  
Lab File: VX006000.D  
Acq: 15 Nov 2018 03:40

Tgt Ion: 43 Resp: 41273  
Ion Ratio Lower Upper  
43 100  
58 7.5 29.7 44.5#



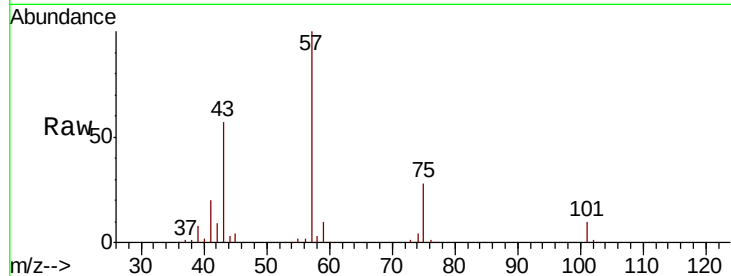


#54

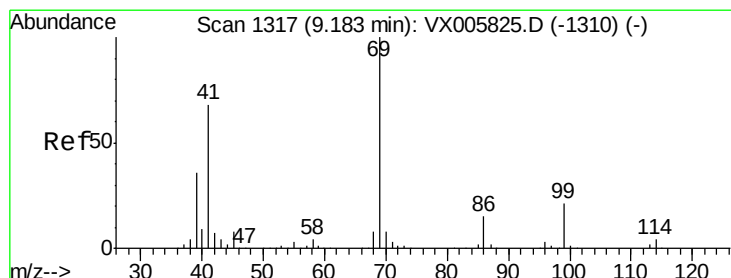
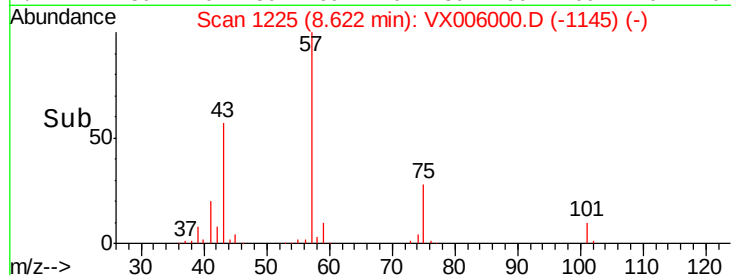
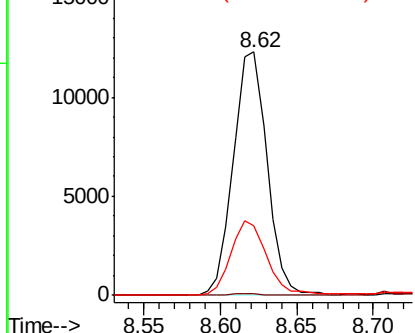
cis-1,3-Dichloropropene  
 Concen: 10.228 ug/l  
 RT: 8.62 min Scan# 1225  
 Delta R.T. 0.19 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CG-SOIL

Tot Ion: 75 Resp: 18808  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.2 37.8#  
 39 28.7 38.2 57.2#



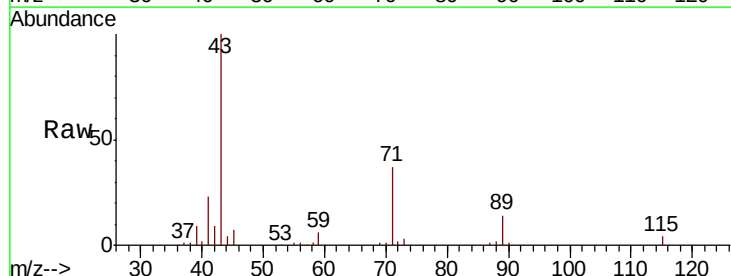
Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0  
 Ion 39.00 (38.70 to 39.70): VX0



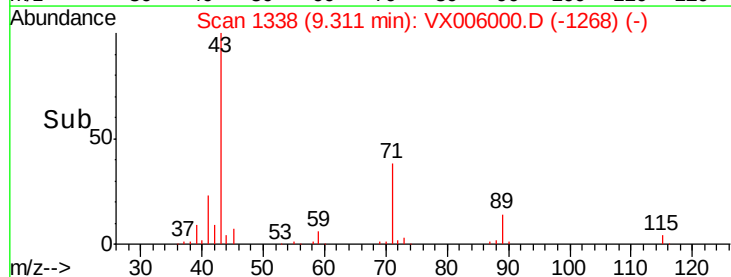
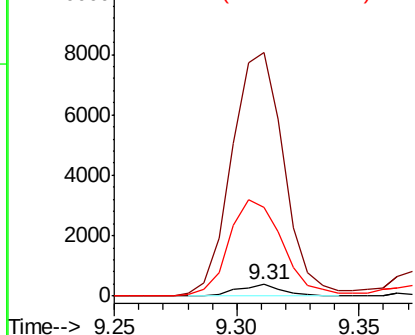
#56

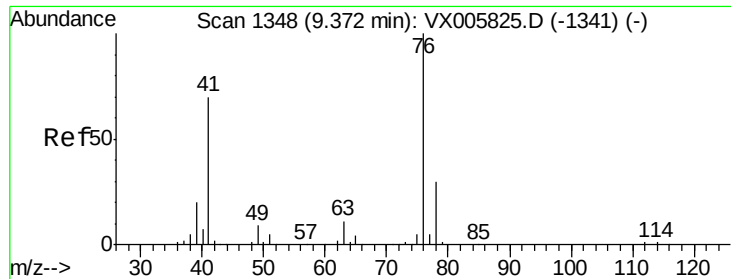
Ethyl methacrylate  
 Concen: 0.253 ug/l  
 RT: 9.31 min Scan# 1338  
 Delta R.T. 0.13 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Tgt Ion: 69 Resp: 500  
 Ion Ratio Lower Upper  
 69 100  
 41 2408.6 57.0 85.6#  
 39 989.6 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0

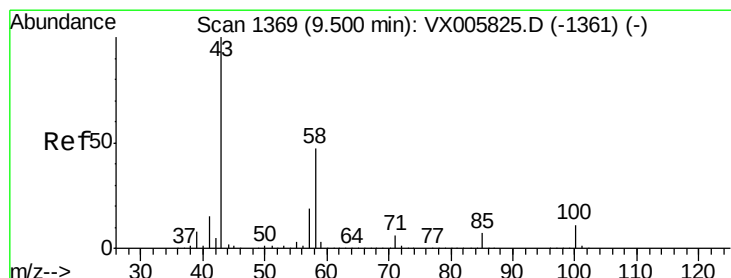
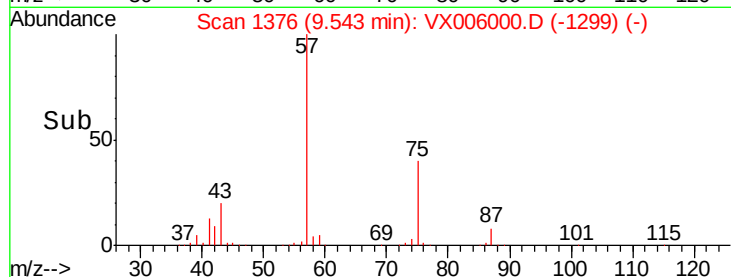
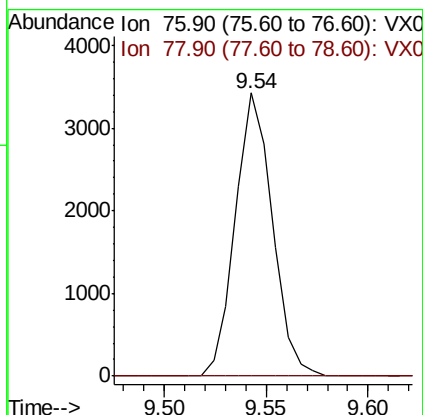
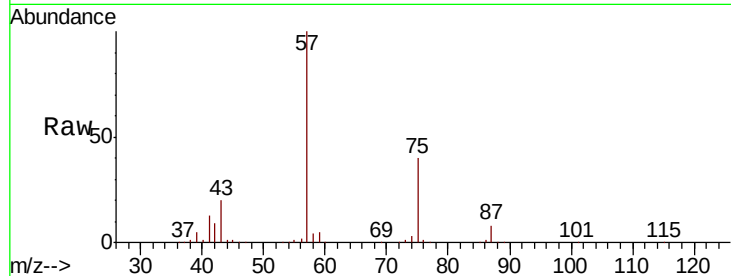




#57  
 1,3-Dichloropropane  
 Concen: 1.945 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

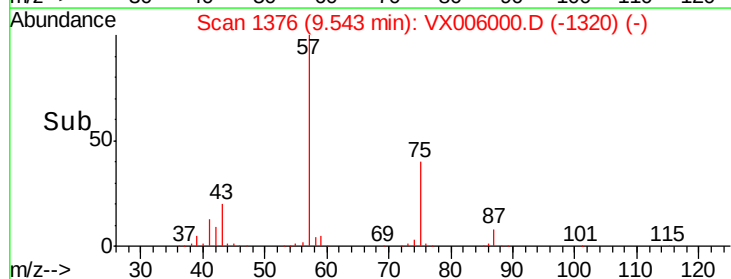
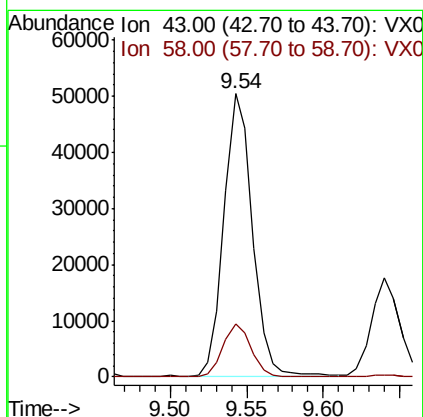
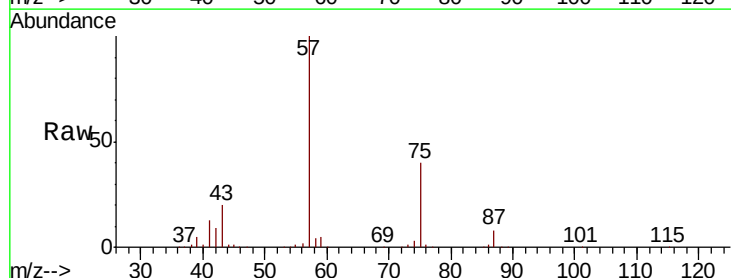
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CG-SOIL

Tot Ion: 76 Resp: 4324  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.3 37.9#

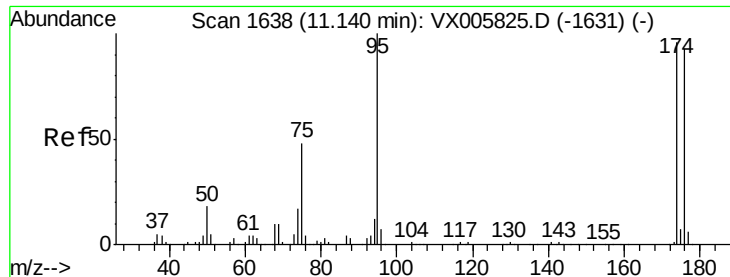


#59  
 2-Hexanone  
 Concen: 33.823 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.04 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Tgt Ion: 43 Resp: 65232  
 Ion Ratio Lower Upper  
 43 100  
 58 18.8 25.9 77.8#







#62

4-Bromofluorobenzene

Concen: 48.361 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampleId :

CG-SOIL

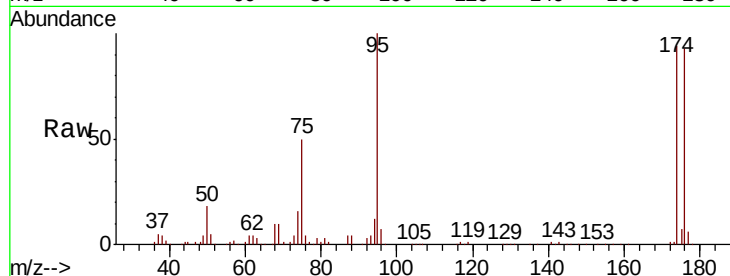
Tot Ion: 95 Resp: 74307

Ion Ratio Lower Upper

95 100

174 91.3 0.0 184.4

176 88.4 0.0 177.4

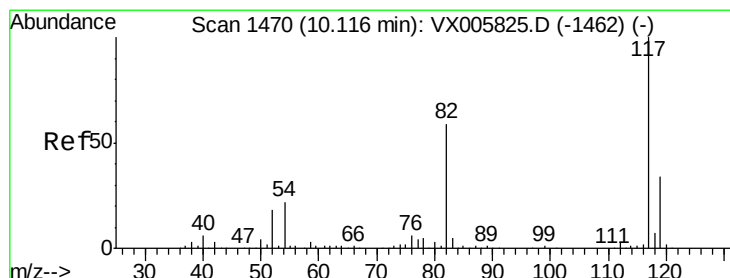
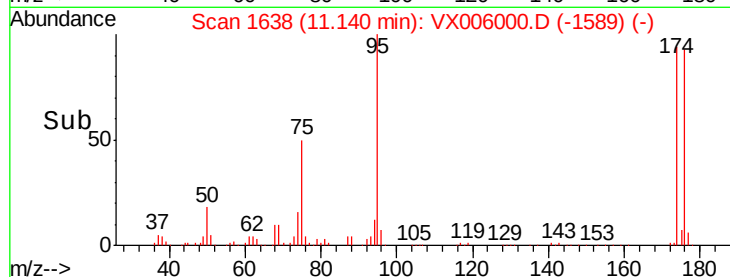


Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

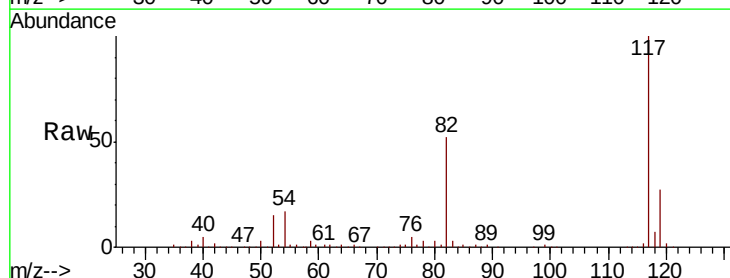
Tgt Ion: 117 Resp: 185786

Ion Ratio Lower Upper

117 100

82 51.9 44.1 66.1

119 26.8 26.2 39.2

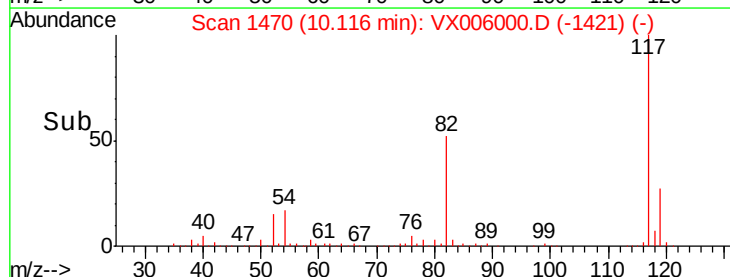


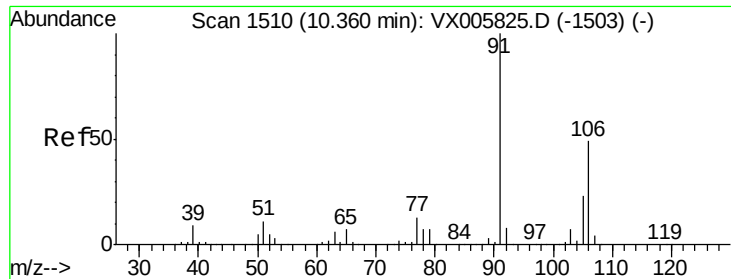
Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)

Time-->





#68

m/p-Xvlenes

Concen: 0.237 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampled :

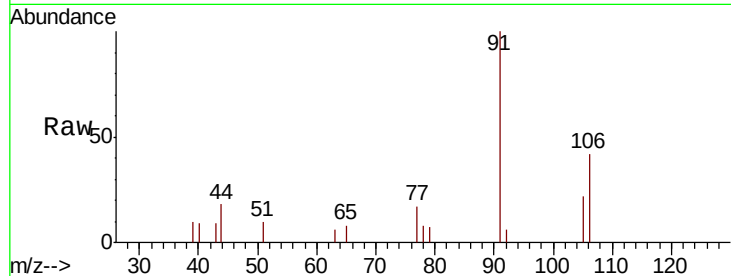
CG-SOIL

Tot Ion:106 Resp: 539

Ion Ratio Lower Upper

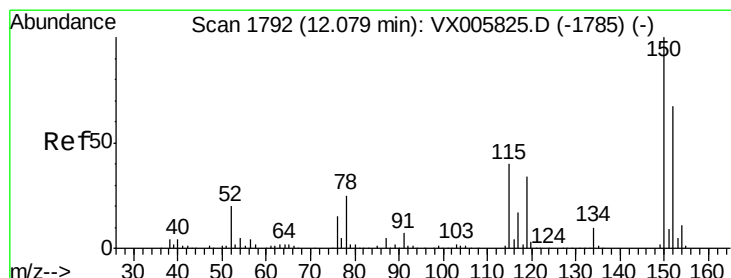
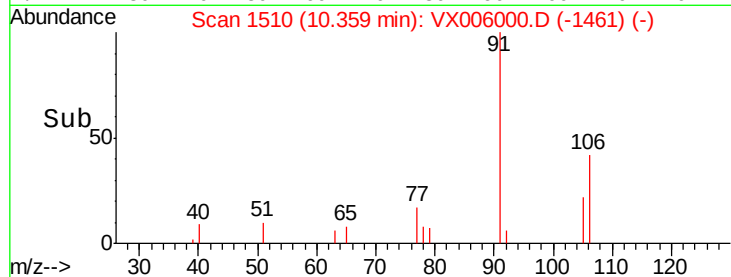
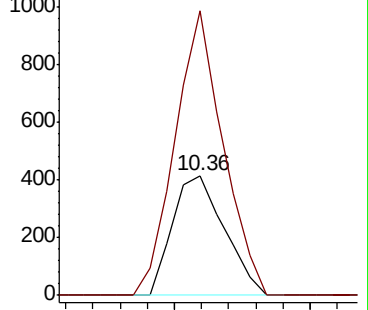
106 100

91 222.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

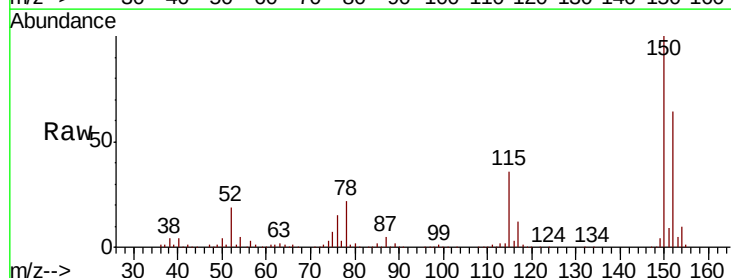
Tgt Ion:152 Resp: 78975

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

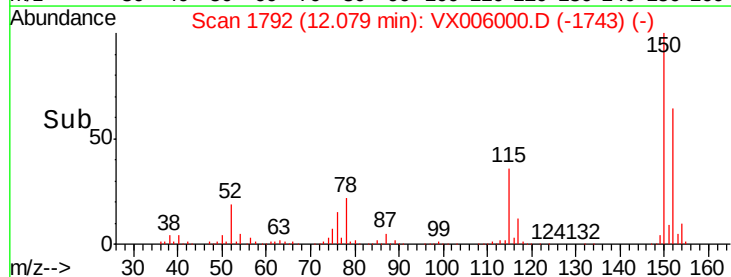
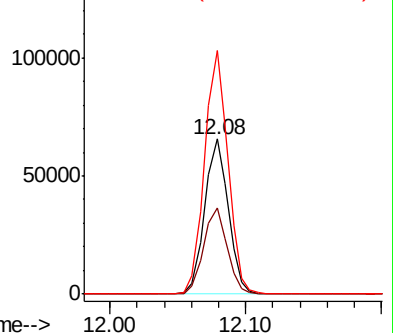
150 155.9 0.0 346.4

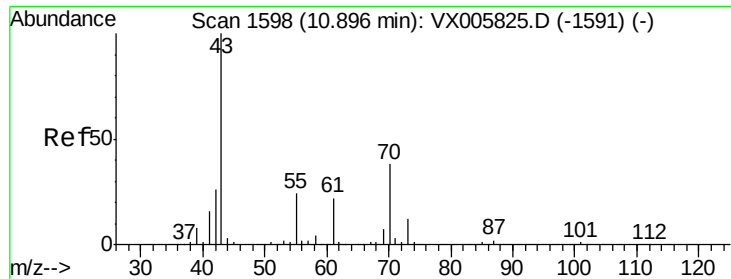


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 3.627 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006000.D

Acq: 15 Nov 2018 03:40

Instrument :

MSVOA\_X

ClientSampled :

CG-SOIL

Tot Ion: 43 Resp: 6246

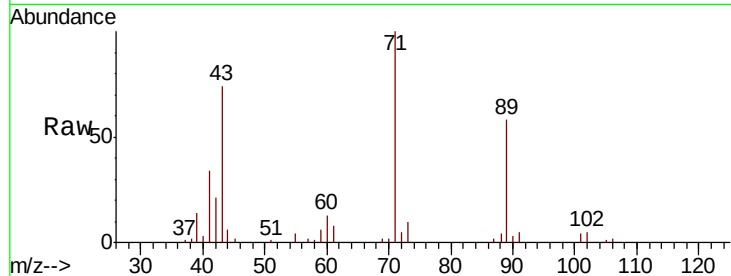
Ion Ratio Lower Upper

43 100

70 2.4 31.6 47.4#

55 4.0 19.7 29.5#

61 10.2 18.3 27.5#

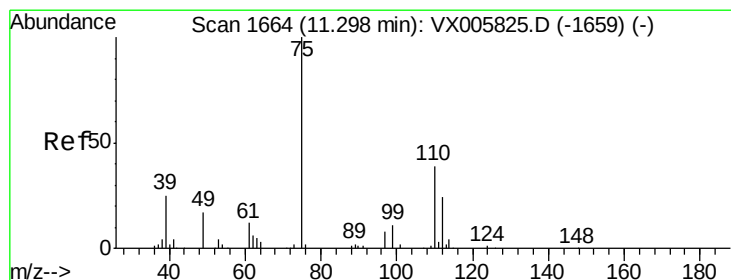
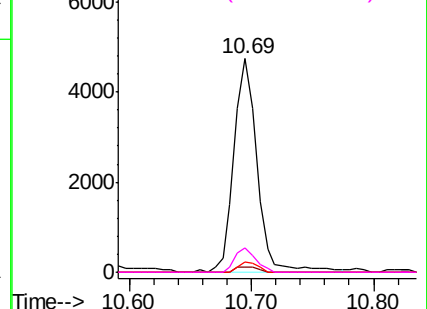
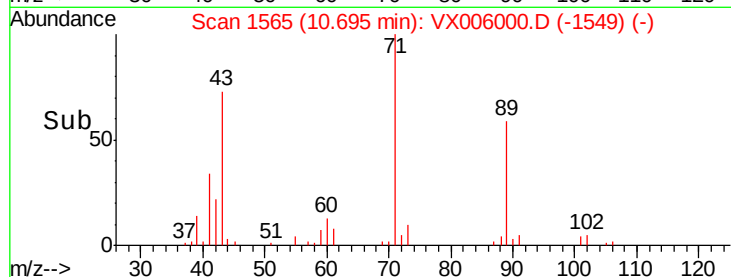


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.086 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006000.D

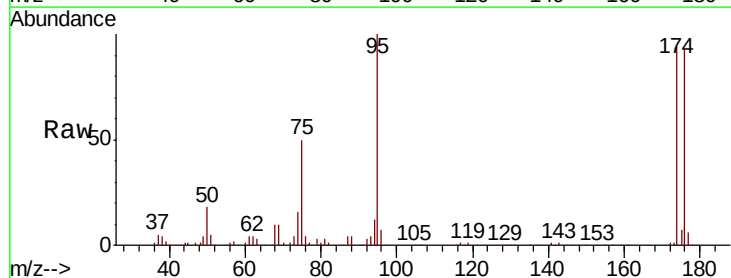
Acq: 15 Nov 2018 03:40

Tgt Ion: 75 Resp: 37124

Ion Ratio Lower Upper

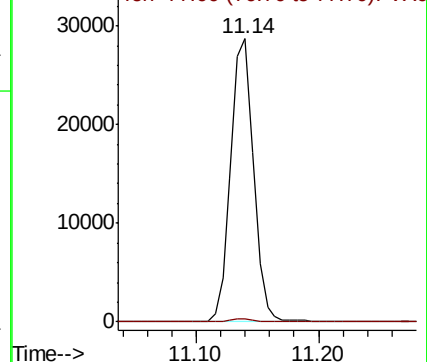
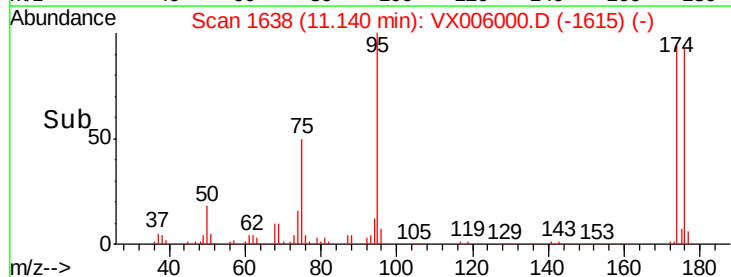
75 100

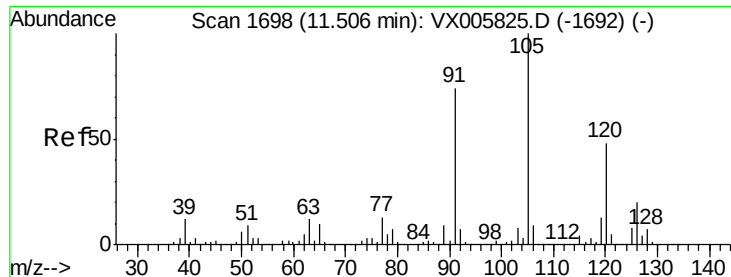
77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

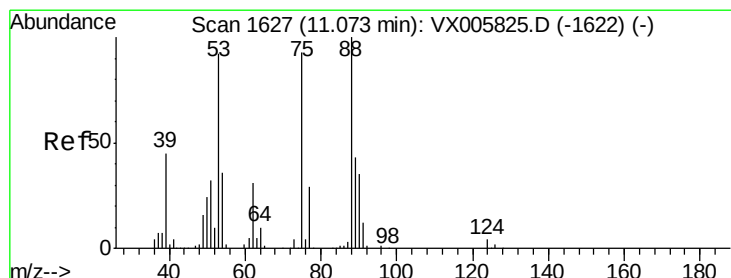
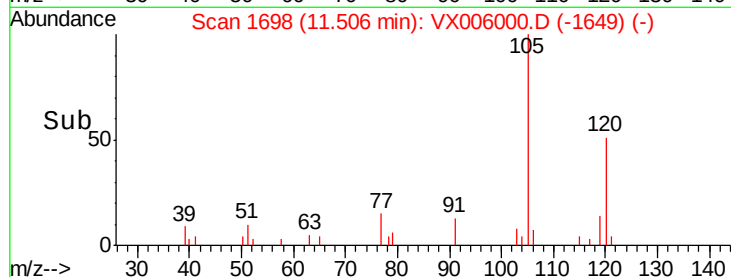
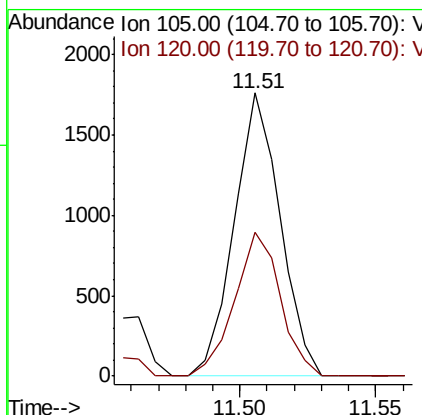
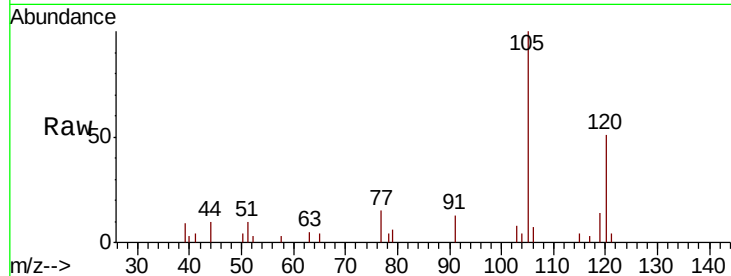




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.531 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

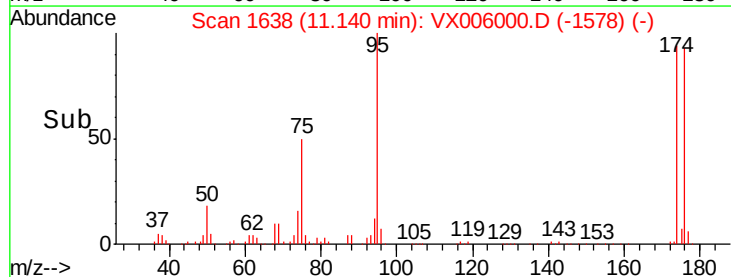
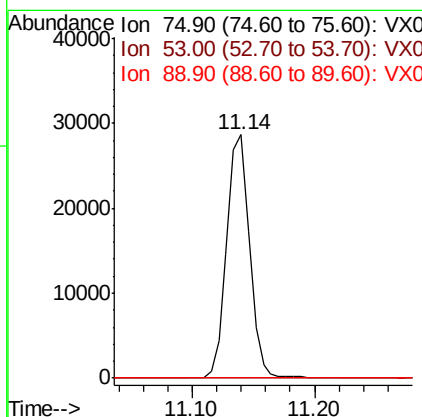
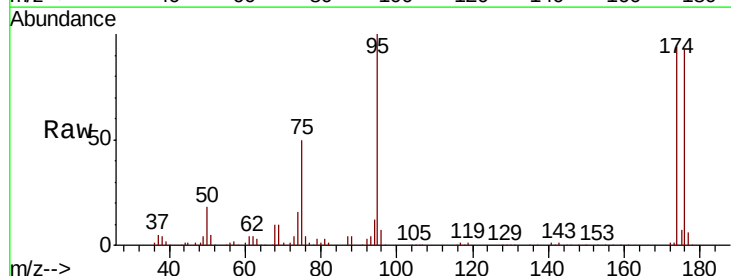
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 CG-SOIL

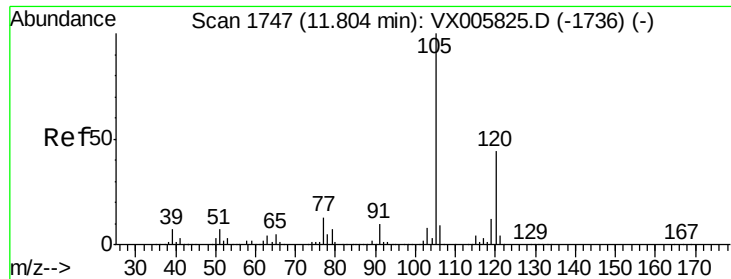
Tot Ion:105 Resp: 2059  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 24.1 72.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.578 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.07 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Tgt Ion: 75 Resp: 37124  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 80.2 120.2#  
 89 0.0 39.8 59.8#

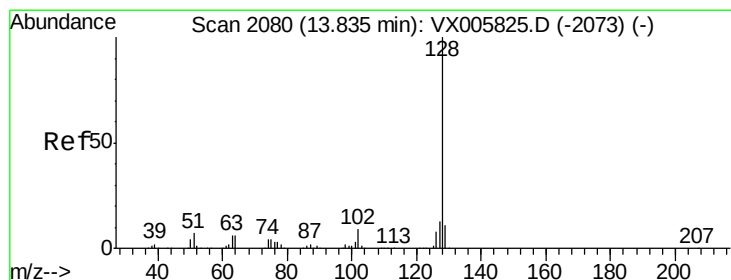
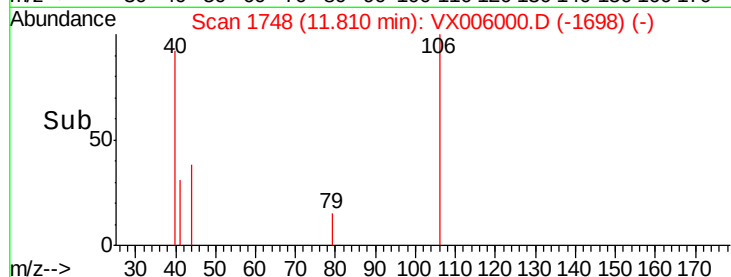
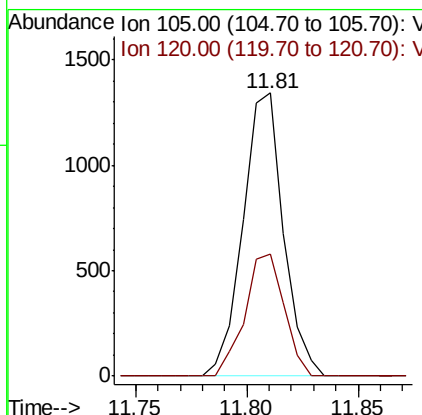
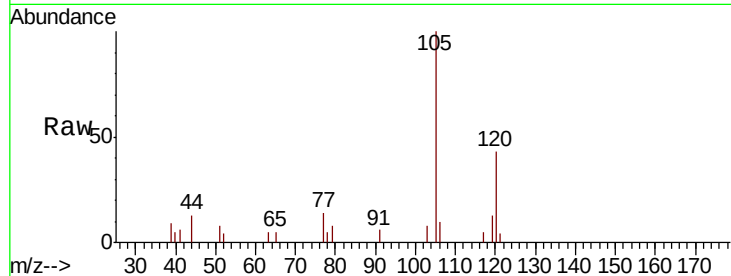




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.279 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 CG-SOIL

Tot Ion:105 Resp: 1706  
 Ion Ratio Lower Upper  
 105 100  
 120 41.6 22.4 67.0



#95  
 Naphthalene  
 Concen: 1.529 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX006000.D  
 Acq: 15 Nov 2018 03:40

Tgt Ion:128 Resp: 2047  
 Ion Ratio Lower Upper  
 128 100  
 127 12.7 10.4 15.6  
 129 12.4 8.7 13.1

