

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\  
 Data File : VF060303.D  
 Acq On : 20 Sep 2018 17:59  
 Operator : VA/AP  
 Sample : J5021-09  
 Misc : 6.05/5mL/MSVOA F/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

Quant Time: Sep 21 05:22:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|-------|------|----------|---------|----------|----------|
| 1) Pentafluorobenzene         | 5.01  | 168  | 71       | 50.00   | ug/l     | -0.02    |
| 34) 1,4-Difluorobenzene       | 5.50  | 114  | 63       | 50.00   | ug/l     | -0.26    |
| 63) Chlorobenzene-d5          | 9.44  | 117  | 77       | 50.00   | ug/l     | -0.48    |
| 72) 1,4-Dichlorobenzene-d4    | 12.65 | 152  | 428      | 50.00   | ug/l     | 0.03     |
| System Monitoring Compounds   |       |      |          |         |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.02  | 65   | 71       | 74.26   | ug/l     | 0.02     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 148.52%  |          |
| 35) Dibromofluoromethane      | 4.00  | 113  | 66       | 117.52  | ug/l     | -0.29    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 235.04%  |          |
| 50) Toluene-d8                | 7.40  | 98   | 72       | 49.23   | ug/l     | -0.31    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 98.46%   |          |
| 62) 4-Bromofluorobenzene      | 11.01 | 95   | 759      | 1200.56 | ug/l     | -0.50    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 2401.12% |          |
| Target Compounds              |       |      |          |         |          |          |
|                               |       |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 0.98  | 85   | 65       | 62.64   | ug/l #   | 40       |
| 3) Chloromethane              | 1.13  | 50   | 107      | 110.59  | ug/l #   | 42       |
| 4) Vinyl Chloride             | 1.10  | 62   | 147      | 149.08  | ug/l #   | 43       |
| 5) Bromomethane               | 1.39  | 94   | 97       | 194.69  | ug/l     | 88       |
| 6) Chloroethane               | 1.43  | 64   | 78       | 166.10  | ug/l #   | 1        |
| 7) Trichlorofluoromethane     | 1.38  | 101  | 64       | 34.84   | ug/l #   | 18       |
| 8) Diethyl Ether              | 1.76  | 74   | 89       | 291.20  | ug/l     | 95       |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89  | 101  | 96       | 98.26   | ug/l #   | 23       |
| 10) Methyl Iodide             | 1.85  | 142  | 62       | 39.35   | ug/l #   | 24       |
| 11) Tert butyl alcohol        | 2.59  | 59   | 156      | 3115.32 | ug/l #   | 1        |
| 12) 1,1-Dichloroethene        | 1.84  | 96   | 518      | 641.11  | ug/l #   | 1        |
| 13) Acrolein                  | 1.92  | 56   | 174      | 3801.29 | ug/l     | 91       |
| 14) Allyl chloride            | 2.18  | 41   | 1202     | 852.51  | ug/l #   | 44       |
| 15) Acrylonitrile             | 3.06  | 53   | 134      | 992.41  | ug/l #   | 20       |
| 16) Acetone                   | 2.28  | 43   | 834      | 3097.60 | ug/l #   | 83       |
| 17) Carbon Disulfide          | 1.84  | 76   | 70       | 31.99   | ug/l #   | 70       |
| 18) Methyl Acetate            | 2.41  | 43   | 865      | 1928.51 | ug/l #   | 46       |
| 19) Methyl tert-butyl Ether   | 2.54  | 73   | 274      | 136.03  | ug/l #   | 36       |
| 20) Methylene Chloride        | 2.28  | 84   | 193      | 303.01  | ug/l #   | 1        |
| 21) trans-1,2-Dichloroethene  | 2.39  | 96   | 198      | 237.27  | ug/l #   | 1        |
| 22) Diisopropyl ether         | 2.93  | 45   | 223      | 83.83   | ug/l #   | 7        |
| 23) Vinyl Acetate             | 3.31  | 43   | 1178     | 1127.49 | ug/l #   | 79       |
| 24) 1,1-Dichloroethane        | 2.99  | 63   | 68       | 39.41   | ug/l #   | 89       |
| 25) 2-Butanone                | 4.51  | 43   | 801      | 2210.29 | ug/l #   | 86       |
| 26) 2,2-Dichloropropane       | 3.73  | 77   | 114      | 115.81  | ug/l #   | 58       |
| 27) cis-1,2-Dichloroethene    | 3.59  | 96   | 559      | 509.89  | ug/l     | 1        |
| 28) Bromochloromethane        | 3.78  | 49   | 134      | 199.50  | ug/l #   | 8        |
| 29) Tetrahydrofuran           | 4.21  | 42   | 597      | 4498.50 | ug/l #   | 35       |
| 30) Chloroform                | 3.89  | 83   | 110      | 52.84   | ug/l     | 94       |
| 31) Cyclohexane               | 3.83  | 56   | 189      | 129.70  | ug/l #   | 15       |
| 32) 1,1,1-Trichloroethane     | 4.25  | 97   | 125      | 76.10   | ug/l #   | 46       |
| 36) 1,1-Dichloropropene       | 4.25  | 75   | 64       | 81.44   | ug/l #   | 1        |
| 37) Ethyl Acetate             | 4.08  | 43   | 371      | 1115.76 | ug/l #   | 1        |
| 38) Carbon Tetrachloride      | 3.92  | 117  | 84       | 99.52   | ug/l #   | 14       |

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Quant Time: Sep 21 05:22:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| -----                          |       |      |          |          |        |          |
| 39) Methylcyclohexane          | 5.40  | 83   | 77       | 90.41    | ug/l # | 6        |
| 40) Benzene                    | 4.61  | 78   | 71       | 39.85    | ug/l # | 1        |
| 41) Methacrylonitrile          | 4.69  | 41   | 824      | 4566.95  | ug/l # | 36       |
| 42) 1,2-Dichloroethane         | 4.92  | 62   | 63       | 96.06    | ug/l   | 79       |
| 43) Isopropyl Acetate          | 6.76  | 43   | 474      | 1184.12  | ug/l # | 48       |
| 44) Trichloroethene            | 5.48  | 130  | 60       | 113.14   | ug/l   | 1        |
| 45) 1,2-Dichloropropane        | 6.05  | 63   | 218      | 472.72   | ug/l # | 42       |
| 46) Dibromomethane             | 5.95  | 93   | 67       | 203.25   | ug/l # | 5        |
| 47) Bromodichloromethane       | 6.24  | 83   | 270      | 340.84   | ug/l # | 26       |
| 48) Methyl methacrylate        | 6.53  | 41   | 476      | 1693.97  | ug/l # | 48       |
| 49) 1,4-Dioxane                | 6.56  | 88   | 250      | 99585.53 | ug/l # | 56       |
| 51) 4-Methyl-2-Pentanone       | 8.01  | 43   | 171      | 554.25   | ug/l # | 35       |
| 52) Toluene                    | 7.47  | 92   | 72       | 63.87    | ug/l   | 77       |
| 53) t-1,3-Dichloropropene      | 8.02  | 75   | 66       | 103.29   | ug/l # | 42       |
| 54) cis-1,3-Dichloropropene    | 7.13  | 75   | 64       | 79.51    | ug/l # | 29       |
| 55) 1,1,2-Trichloroethane      | 8.24  | 97   | 92       | 268.90   | ug/l # | 37       |
| 56) Ethyl methacrylate         | 8.33  | 69   | 471      | 1139.87  | ug/l # | 78       |
| 57) 1,3-Dichloropropane        | 8.45  | 76   | 70       | 123.57   | ug/l # | 40       |
| 58) 2-Chloroethyl Vinyl ether  | 7.44  | 63   | 79       | 2162.69  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.15  | 43   | 568      | 2585.68  | ug/l   | 78       |
| 60) Dibromochloromethane       | 8.36  | 129  | 60       | 117.66   | ug/l # | 32       |
| 61) 1,2-Dibromoethane          | 8.67  | 107  | 77       | 202.11   | ug/l   | 92       |
| 65) Chlorobenzene              | 9.89  | 112  | 60       | 34.38    | ug/l # | 41       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.05 | 131  | 86       | 118.75   | ug/l # | 58       |
| 67) Ethyl Benzene              | 10.02 | 91   | 424      | 131.40   | ug/l # | 49       |
| 68) m/p-Xylenes                | 10.15 | 106  | 75       | 67.28    | ug/l   | 85       |
| 69) o-Xylene                   | 10.71 | 106  | 122      | 97.57    | ug/l   | 97       |
| 70) Styrene                    | 10.87 | 104  | 194      | 110.02   | ug/l # | 31       |
| 71) Bromoform                  | 10.91 | 173  | 67       | 168.45   | ug/l # | 31       |
| 73) Isopropylbenzene           | 11.21 | 105  | 655      | 17.05    | ug/l # | 51       |
| 74) N-amyl acetate             | 11.51 | 43   | 847      | 103.38   | ug/l # | 28       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 992      | 145.68   | ug/l # | 47       |
| 76) 1,2,3-Trichloropropane     | 11.74 | 75   | 171      | 35.07    | ug/l # | 1        |
| 77) Bromobenzene               | 11.68 | 156  | 79       | 9.54     | ug/l # | 1        |
| 78) n-propylbenzene            | 11.69 | 91   | 2233     | 60.77    | ug/l   | 88       |
| 79) 2-Chlorotoluene            | 11.79 | 91   | 787      | 30.36    | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene     | 11.97 | 105  | 628      | 20.30    | ug/l   | 79       |
| 81) trans-1,4-Dichloro-2-buten | 12.04 | 75   | 85       | 32.99    | ug/l # | 1        |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 696      | 26.72    | ug/l # | 43       |
| 83) tert-Butylbenzene          | 12.19 | 119  | 1343     | 42.83    | ug/l # | 1        |
| 84) 1,2,4-Trimethylbenzene     | 12.22 | 105  | 926      | 29.48    | ug/l   | 74       |
| 85) sec-Butylbenzene           | 12.40 | 105  | 405      | 3.28     | ug/l   | 83       |
| 86) p-Isopropyltoluene         | 12.51 | 119  | 784      | 22.52    | ug/l # | 1        |
| 87) 1,3-Dichlorobenzene        | 12.59 | 146  | 360      | 23.27    | ug/l # | 1        |
| 88) 1,4-Dichlorobenzene        | 12.67 | 146  | 122      | 7.98     | ug/l # | 1        |
| 89) n-Butylbenzene             | 12.95 | 91   | 326      | 5.66     | ug/l   | 67       |
| 90) Hexachloroethane           | 12.97 | 117  | 466      | 53.11    | ug/l # | 22       |
| 91) 1,2-Dichlorobenzene        | 12.99 | 146  | 339      | 22.97    | ug/l # | 48       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.75 | 75   | 282      | 220.58   | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene     | 14.24 | 180  | 84       | 7.83     | ug/l # | 10       |

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Misc : 6.05/5mL/MSVOA F/SOIL  
ALS Vial : 38 Sample Multiplier: 1

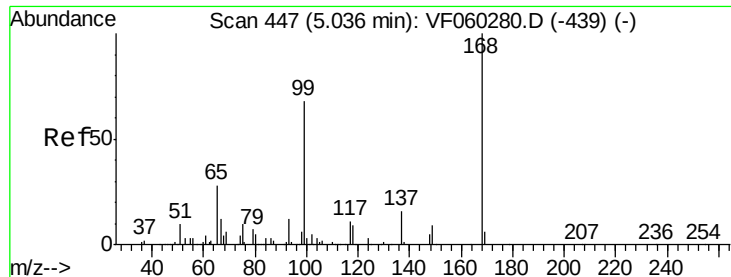
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

Quant Time: Sep 21 05:22:26 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 20 02:58:42 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 95) Naphthalene            | 14.54 | 128  | 496      | 26.37 | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 66       | 6.66  | ug/l # | 12       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

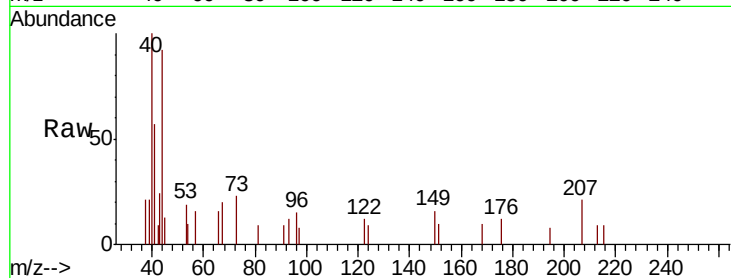
LS-SOIL-C

Tot Ion:168 Resp: 71

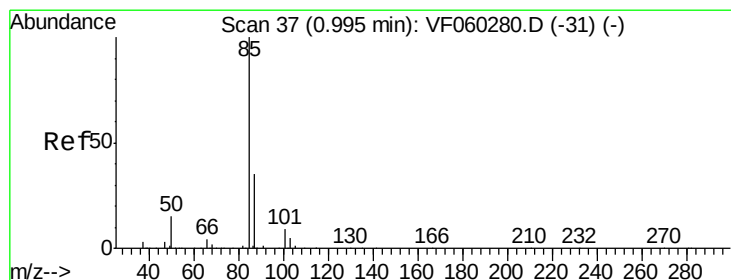
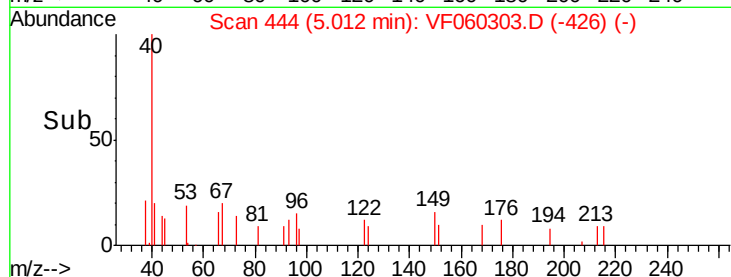
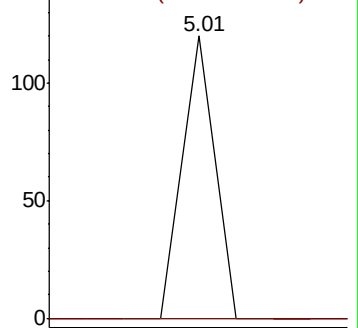
Ion Ratio Lower Upper

168 100

99 0.0 54.8 82.2#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 62.64 ug/l

RT: 0.98 min Scan# 35

Delta R.T. -0.01 min

Lab File: VF060303.D

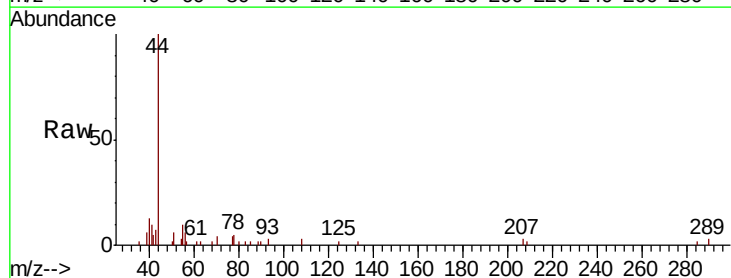
Acq: 20 Sep 2018 17:59

Tgt Ion: 85 Resp: 65

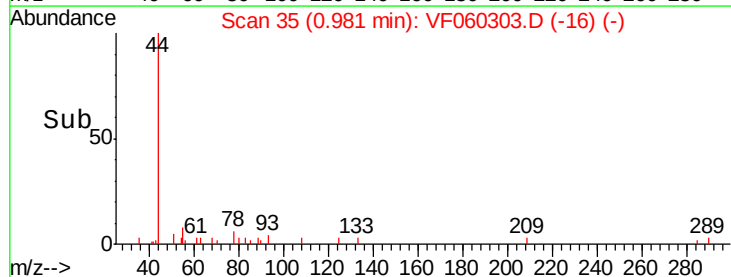
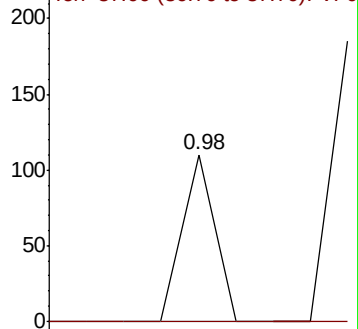
Ion Ratio Lower Upper

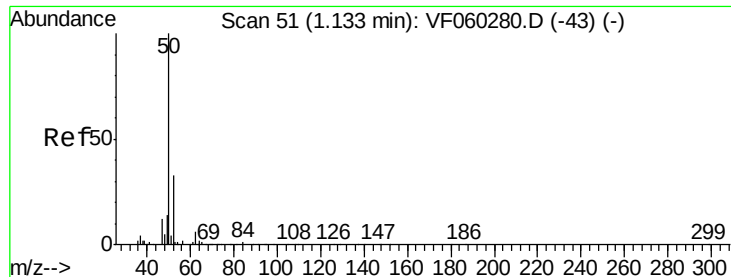
85 100

87 0.0 17.3 52.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 110.59 ug/l

RT: 1.13 min Scan# 50

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

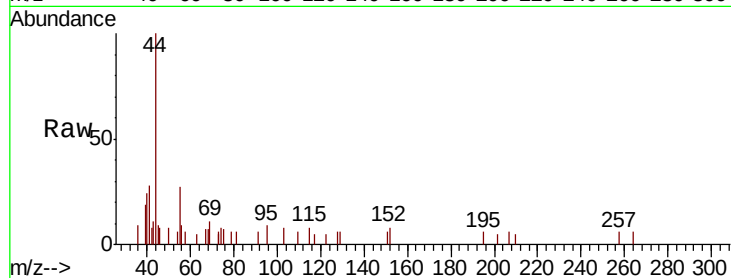
LS-SOIL-C

Tot Ion: 50 Resp: 107

Ion Ratio Lower Upper

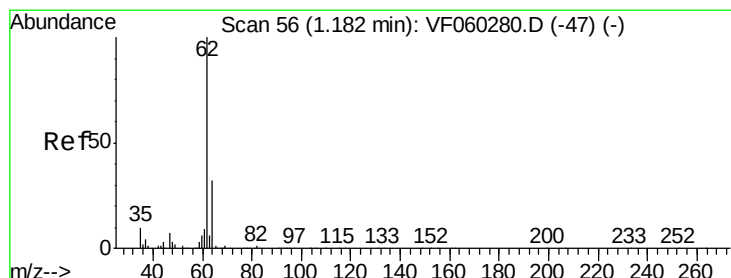
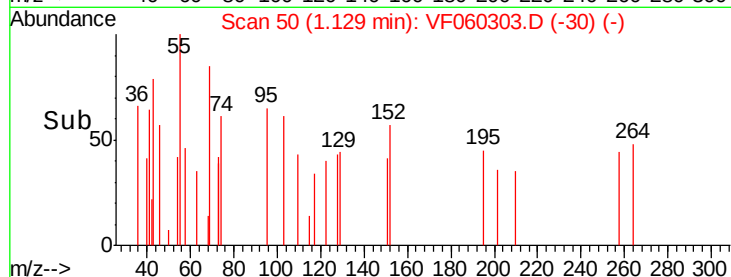
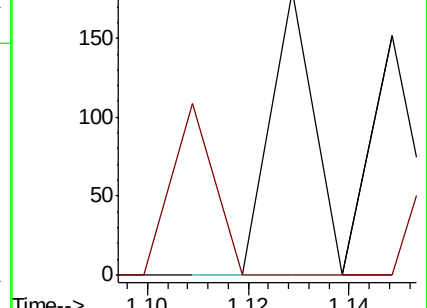
50 100

52 0.0 26.5 39.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 149.08 ug/l

RT: 1.10 min Scan# 47

Delta R.T. -0.08 min

Lab File: VF060303.D

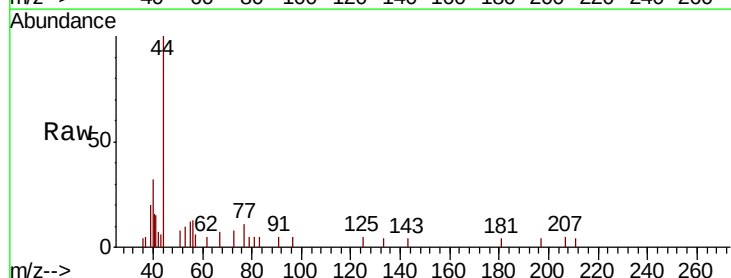
Acq: 20 Sep 2018 17:59

Tgt Ion: 62 Resp: 147

Ion Ratio Lower Upper

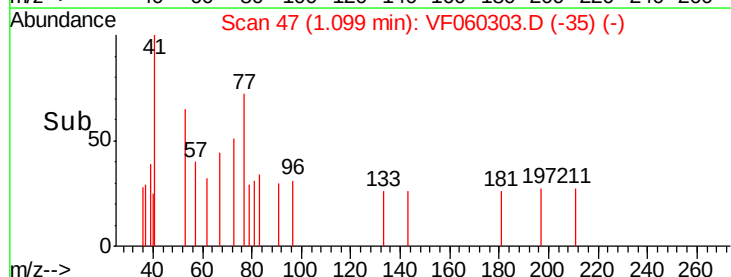
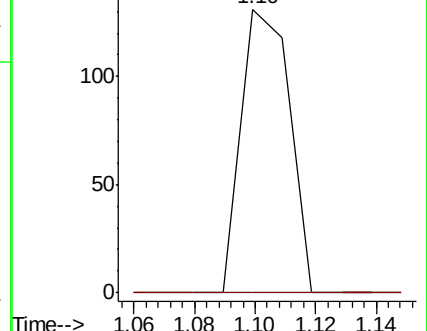
62 100

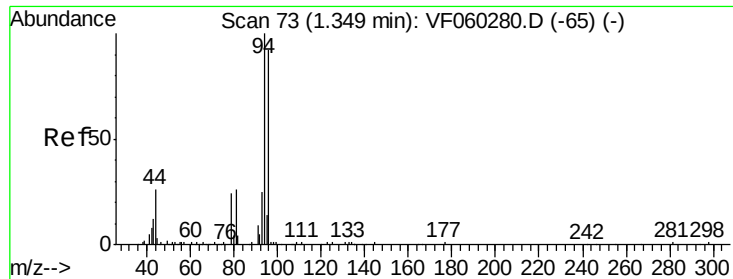
64 0.0 25.2 37.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 194.69 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.05 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

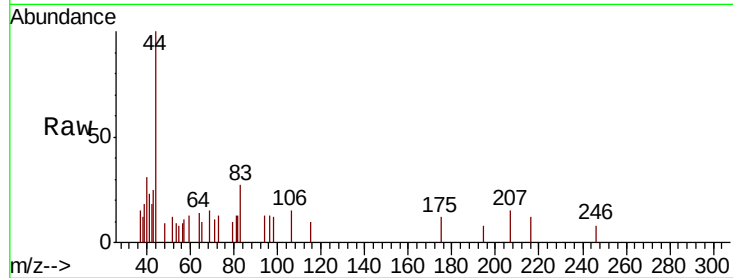
LS-SOIL-C

Tot Ion: 94 Resp: 97

Ion Ratio Lower Upper

94 100

96 103.7 73.9 110.9

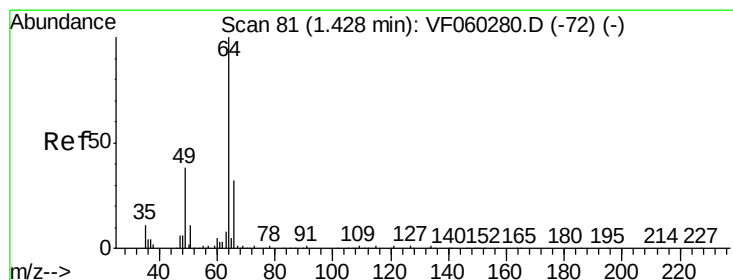
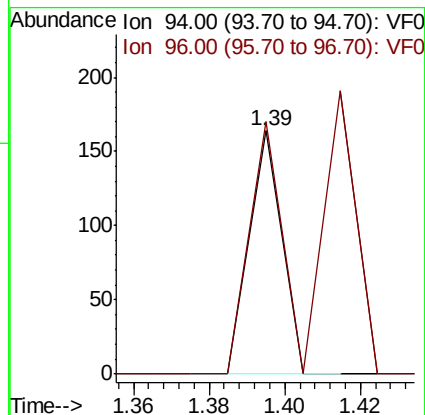
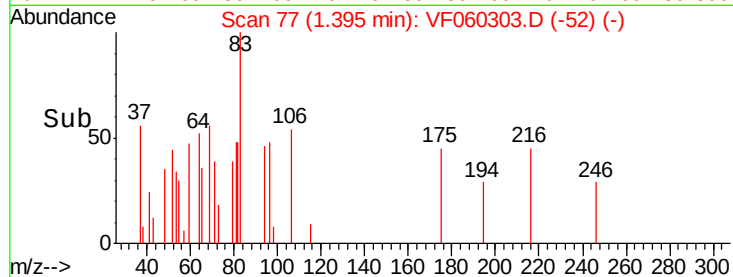


Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.39

1.42



#6

Chloroethane

Concen: 166.10 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.01 min

Lab File: VF060303.D

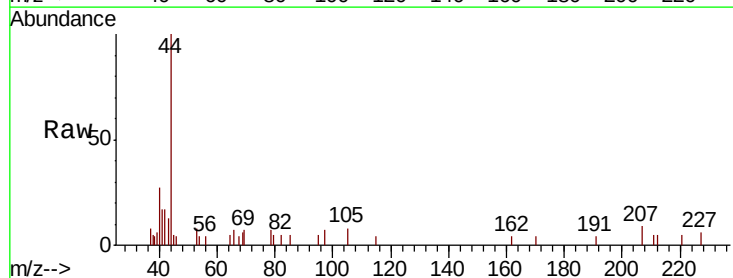
Acq: 20 Sep 2018 17:59

Tgt Ion: 64 Resp: 78

Ion Ratio Lower Upper

64 100

66 134.8 26.2 39.2#

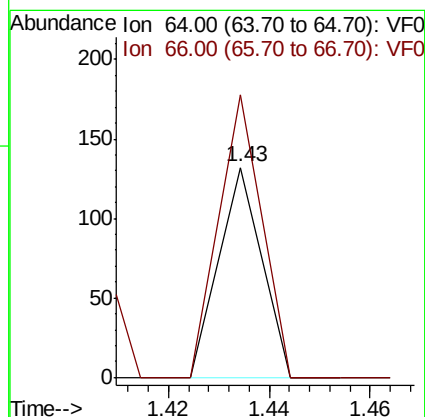
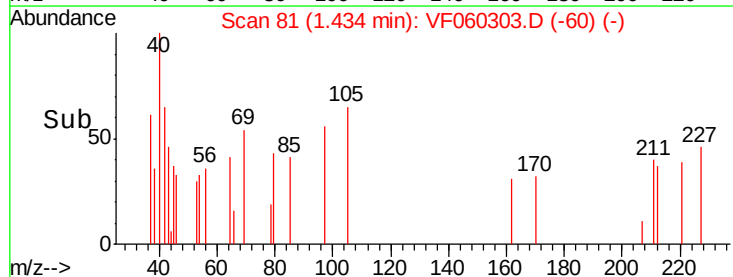


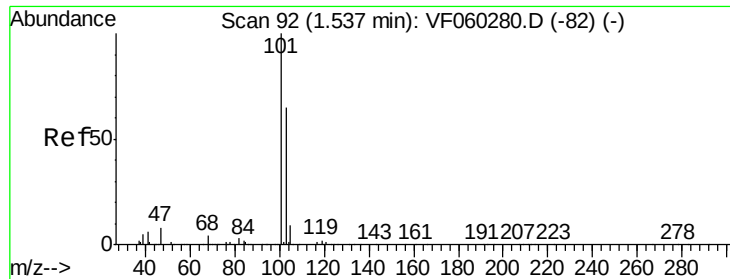
Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.43

1.46





#7

Trichlorofluoromethane

Concen: 34.84 ug/l

RT: 1.38 min Scan# 75

Delta R.T. -0.16 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

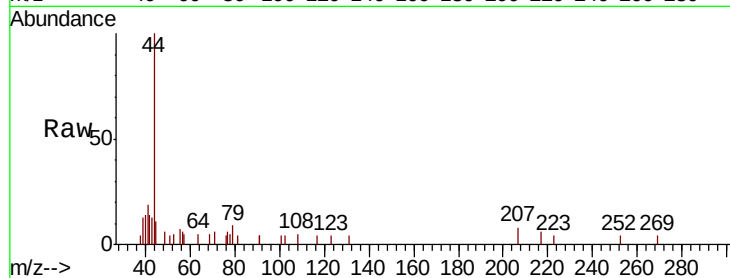
LS-SOIL-C

Tot Ion:101 Resp: 64

Ion Ratio Lower Upper

101 100

103 0.0 52.0 78.0#

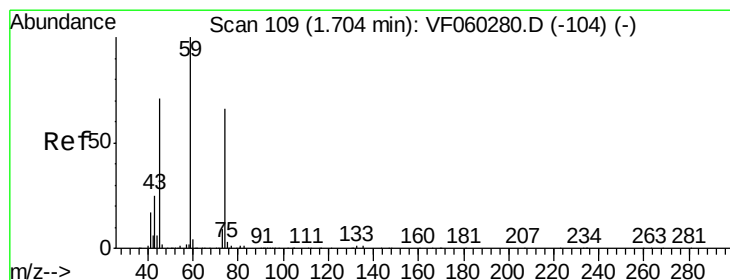
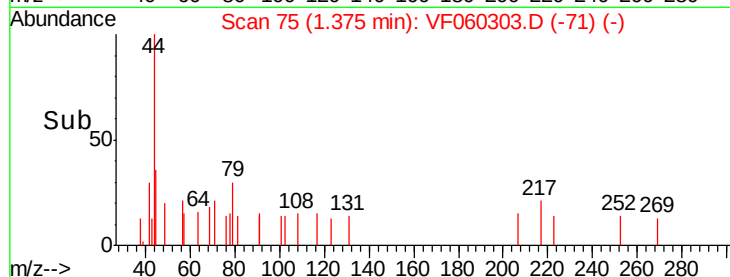


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.38

Time-->



#8

Diethyl Ether

Concen: 291.20 ug/l

RT: 1.76 min Scan# 114

Delta R.T. 0.06 min

Lab File: VF060303.D

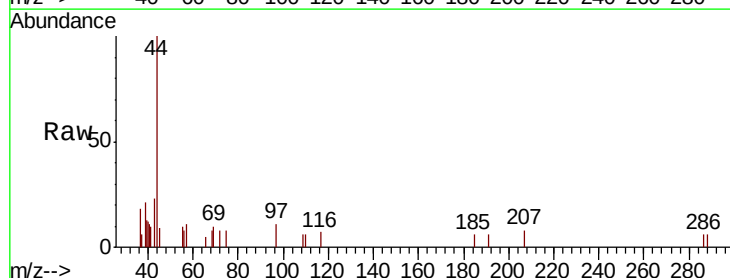
Acq: 20 Sep 2018 17:59

Tgt Ion: 74 Resp: 89

Ion Ratio Lower Upper

74 100

45 112.7 53.9 161.7

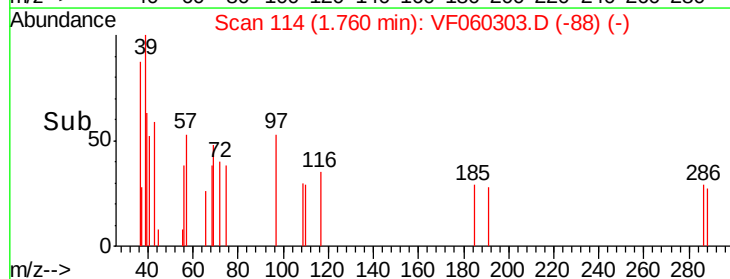


Abundance Ion 74.00 (73.70 to 74.70): VF0

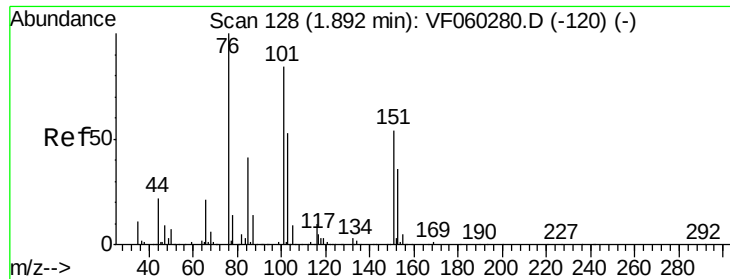
Ion 45.00 (44.70 to 45.70): VF0

1.76

Time-->







#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.26 ug/l

RT: 1.89 min Scan# 127

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

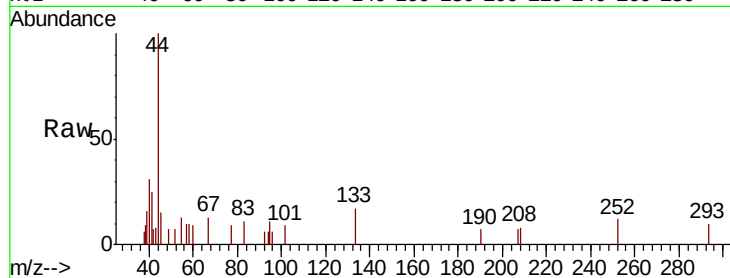
Tot Ion:101 Resp: 96

Ion Ratio Lower Upper

101 100

85 0.0 38.7 58.1#

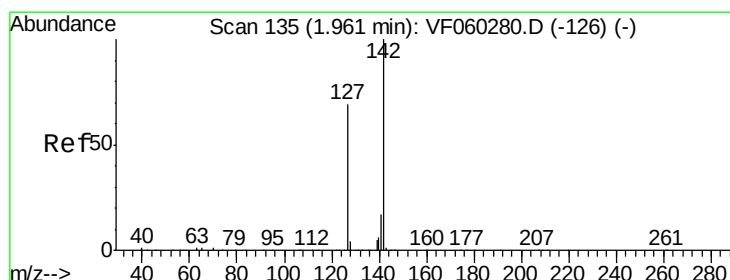
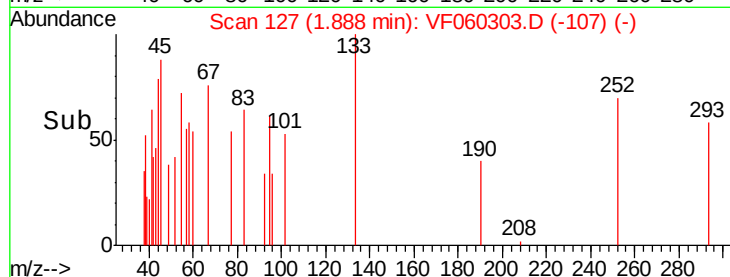
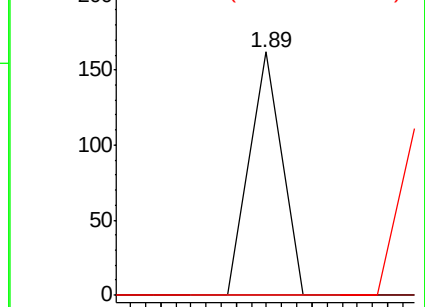
151 0.0 50.8 76.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 39.35 ug/l

RT: 1.85 min Scan# 123

Delta R.T. -0.11 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

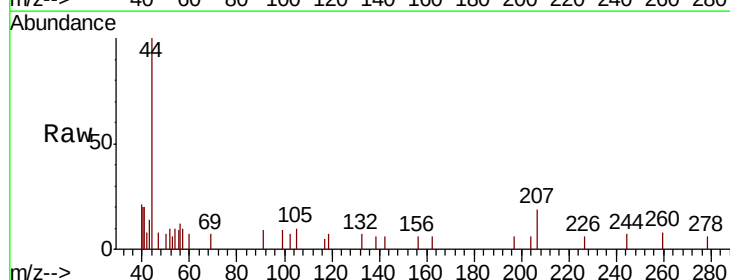
Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

127 0.0 55.4 83.0#

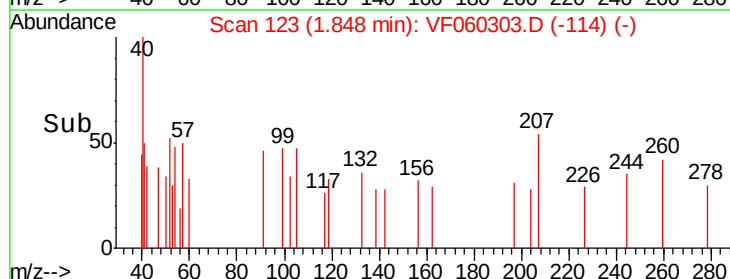
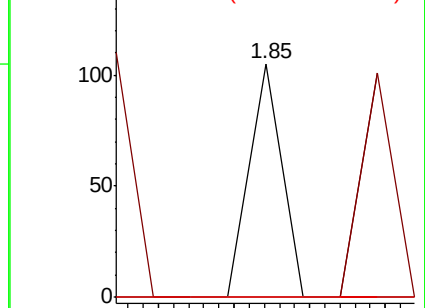
141 0.0 13.3 19.9#

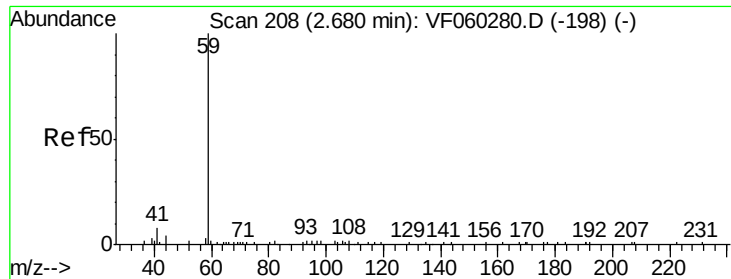


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

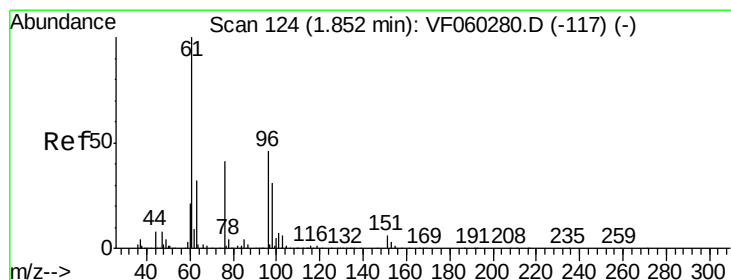
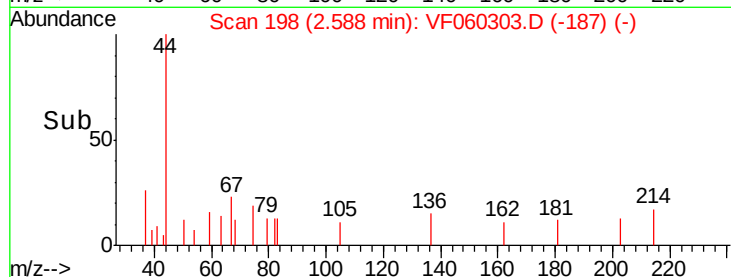
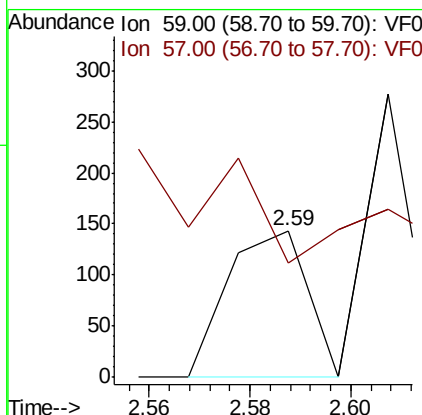
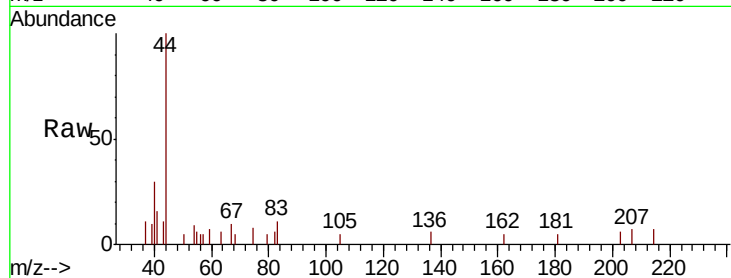




#11  
Tert butyl alcohol  
Concen: 3115.32 ug/l  
RT: 2.59 min Scan# 198  
Delta R.T. -0.09 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

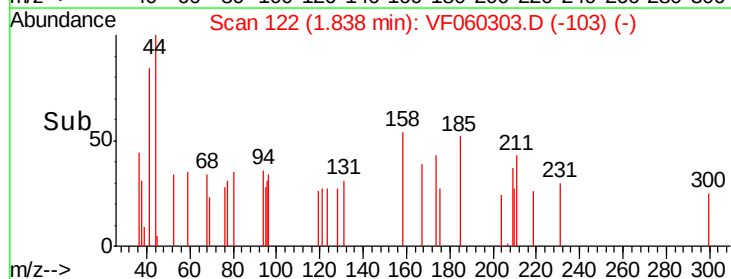
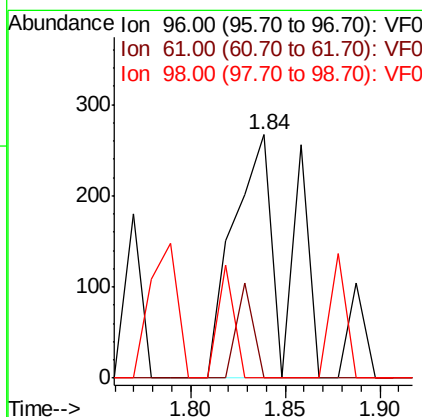
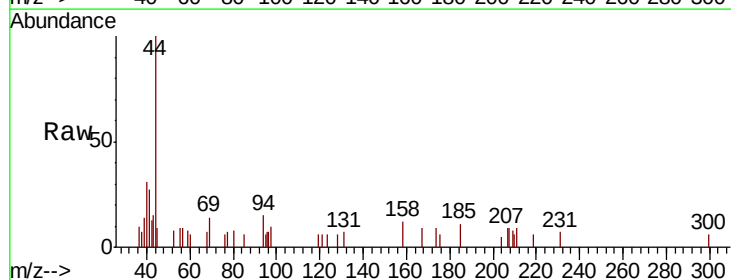
Instrument :  
MSVOA\_F  
ClientSampled :  
LS-SOIL-C

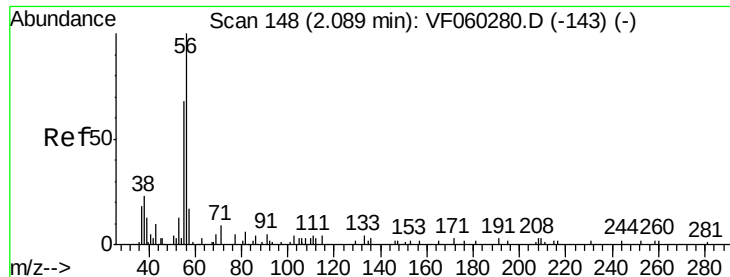
Tot Ion: 59 Resp: 156  
Ion Ratio Lower Upper  
59 100  
57 77.6 12.4 18.6#



#12  
1,1-Dichloroethene  
Concen: 641.11 ug/l  
RT: 1.84 min Scan# 122  
Delta R.T. -0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion: 96 Resp: 518  
Ion Ratio Lower Upper  
96 100  
61 0.0 172.2 258.2#  
98 0.0 54.1 81.1#





#13

Acrolein

Concen: 3801.29 ug/l

RT: 1.92 min Scan# 130

Delta R.T. -0.17 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

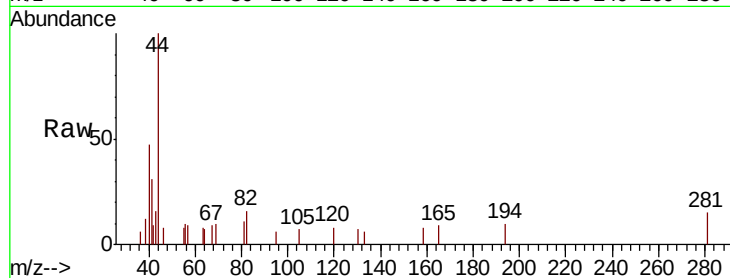
LS-SOIL-C

Tot Ion: 56 Resp: 174

Ion Ratio Lower Upper

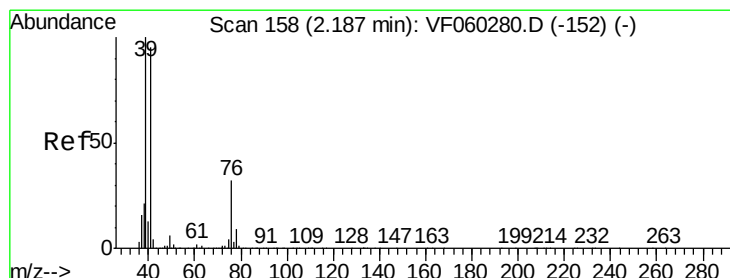
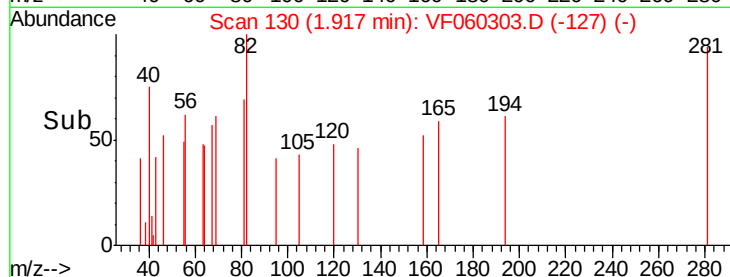
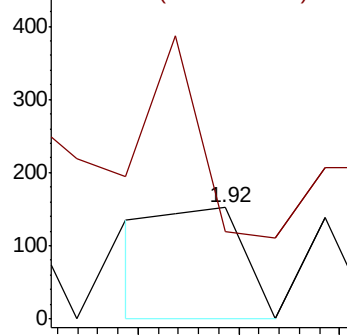
56 100

55 78.9 69.9 104.9



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 852.51 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

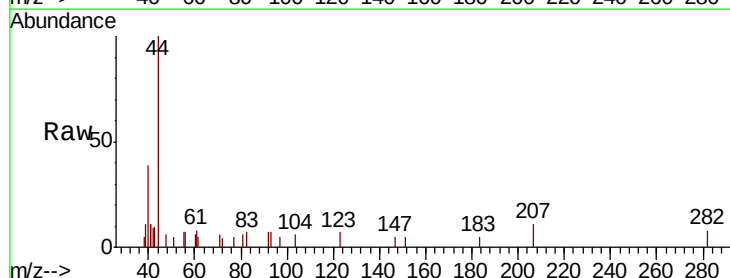
Tgt Ion: 41 Resp: 1202

Ion Ratio Lower Upper

41 100

39 49.6 84.8 127.2#

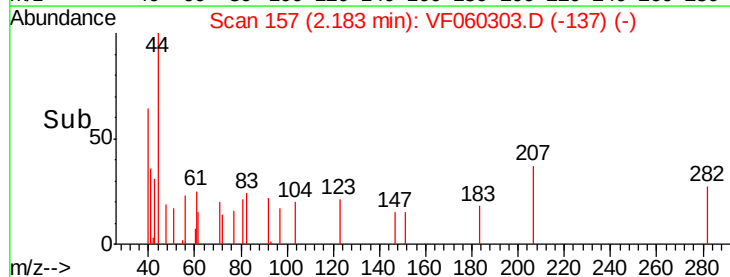
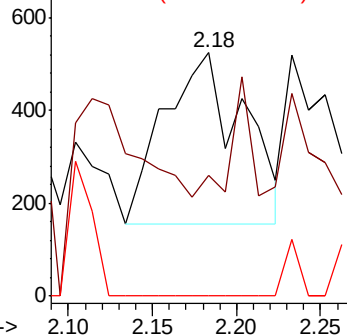
76 0.0 27.4 41.2#

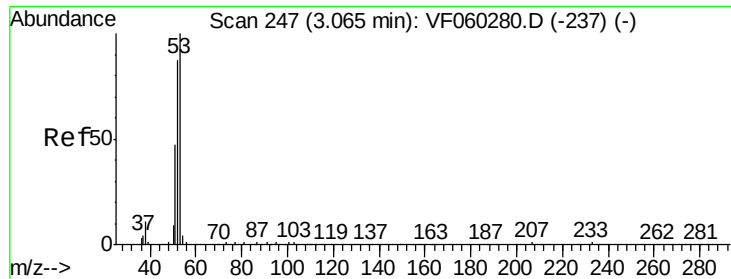


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

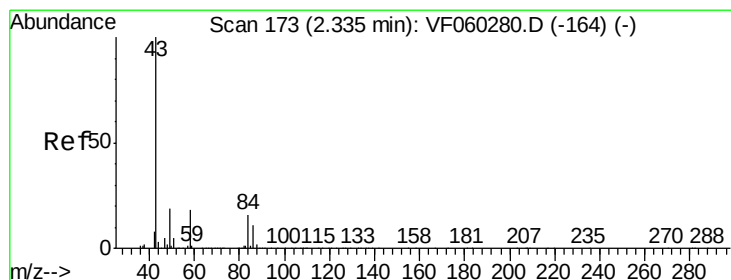
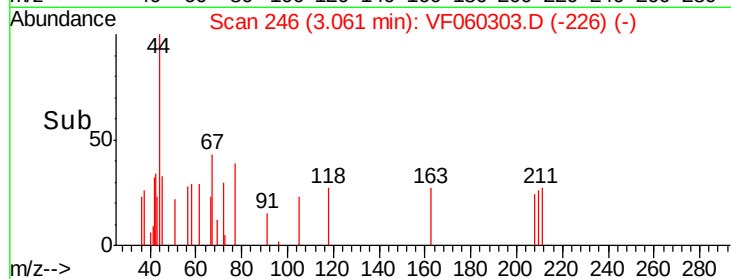
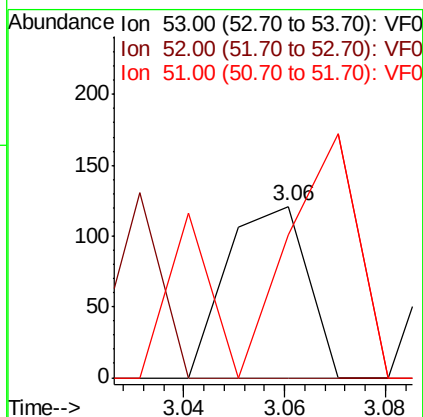
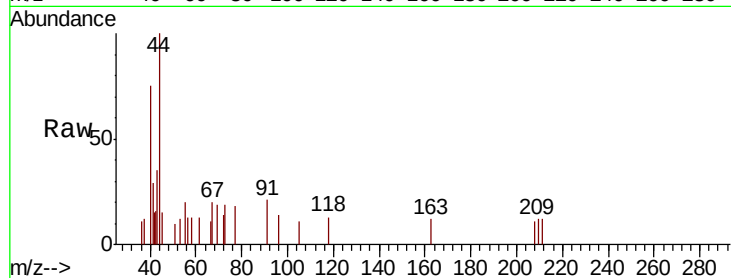




#15  
 Acrylonitrile  
 Concen: 992.41 ug/l  
 RT: 3.06 min Scan# 246  
 Delta R.T. -0.00 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

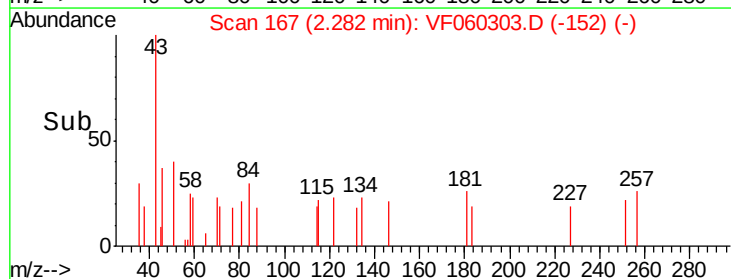
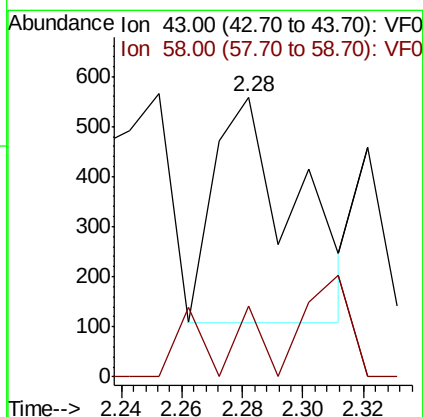
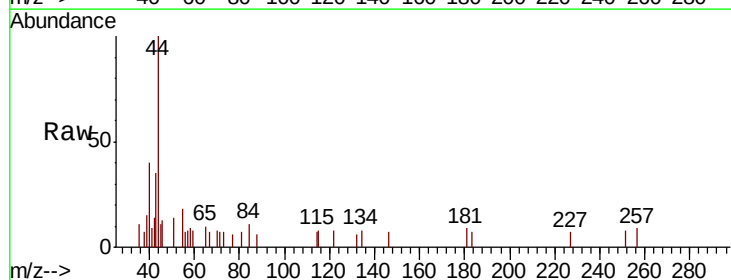
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

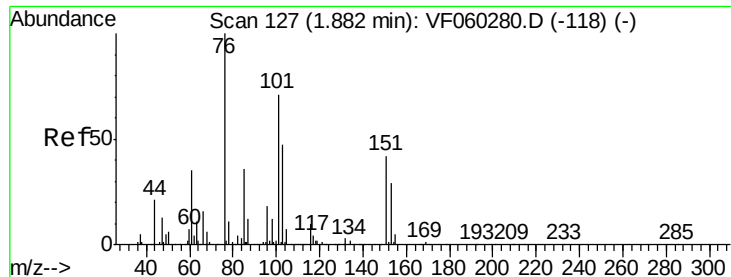
Tot Ion: 53 Resp: 134  
 Ion Ratio Lower Upper  
 53 100  
 52 0.0 69.5 104.3#  
 51 83.5 38.1 57.1#



#16  
 Acetone  
 Concen: 3097.60 ug/l  
 RT: 2.28 min Scan# 167  
 Delta R.T. -0.05 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion: 43 Resp: 834  
 Ion Ratio Lower Upper  
 43 100  
 58 25.4 14.5 21.7#





#17

Carbon Disulfide

Concen: 31.99 ug/l

RT: 1.84 min Scan# 122

Delta R.T. -0.04 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

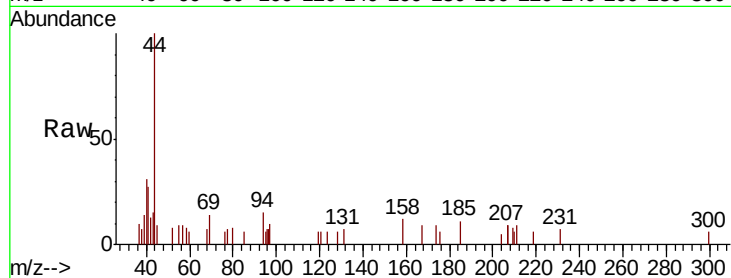
LS-SOIL-C

Tot Ion: 76 Resp: 70

Ion Ratio Lower Upper

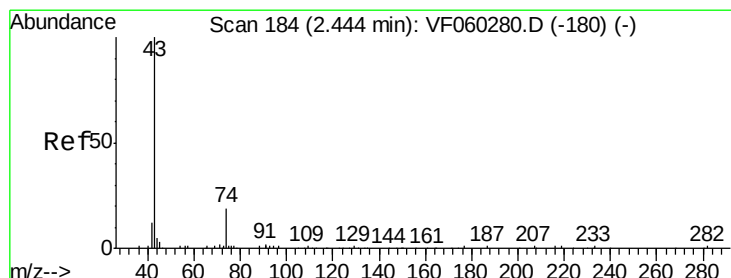
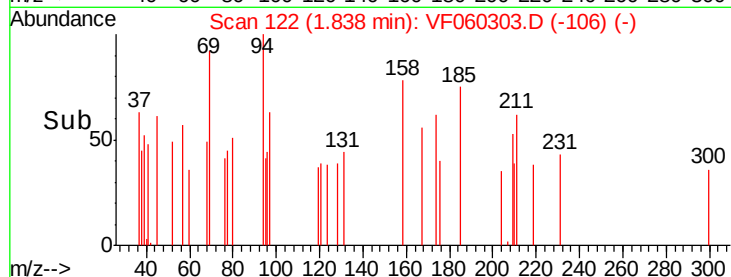
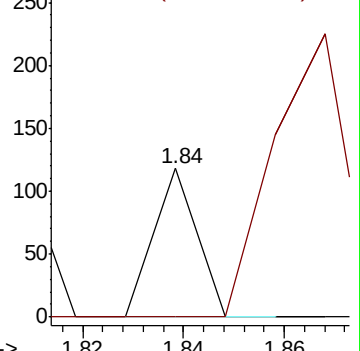
76 100

78 0.0 9.4 14.0#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 1928.51 ug/l

RT: 2.41 min Scan# 180

Delta R.T. -0.03 min

Lab File: VF060303.D

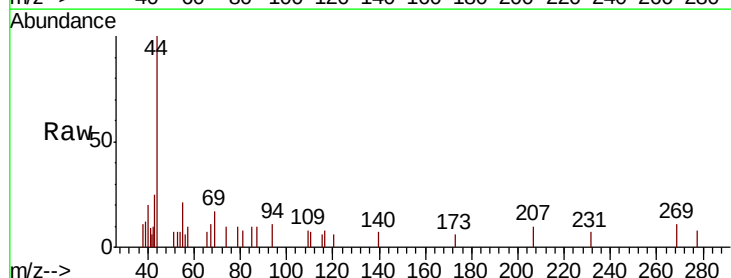
Acq: 20 Sep 2018 17:59

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

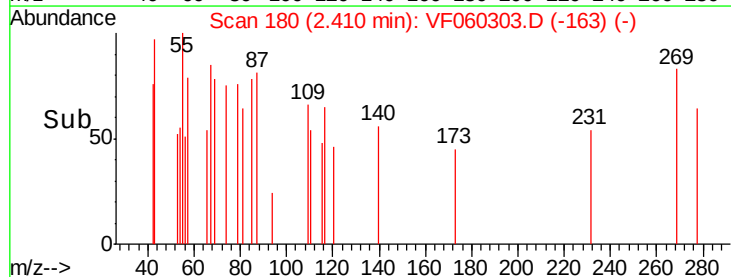
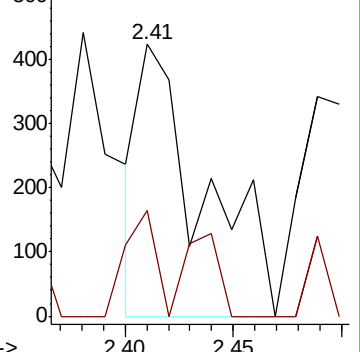
43 100

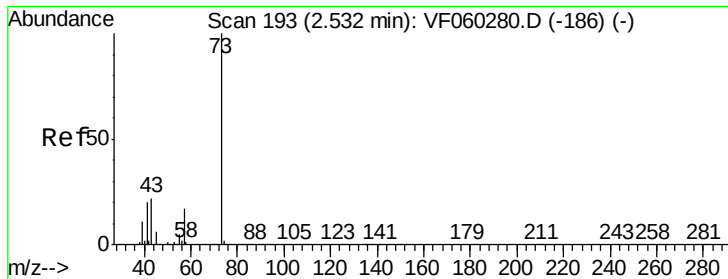
74 38.9 12.7 19.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

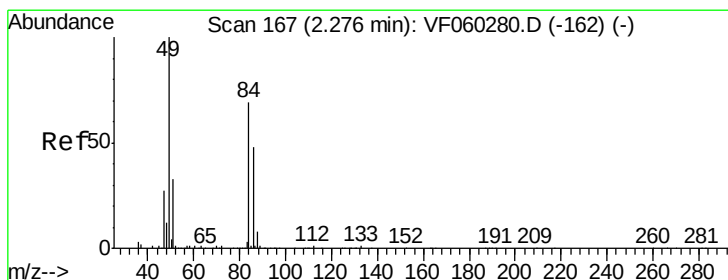
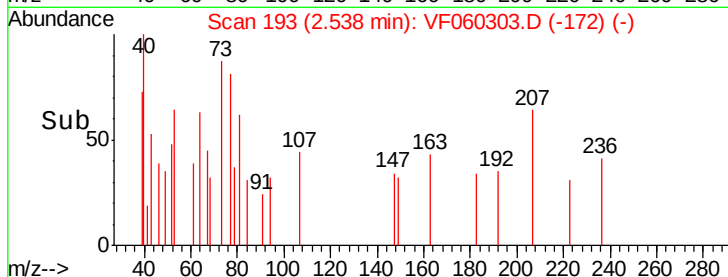
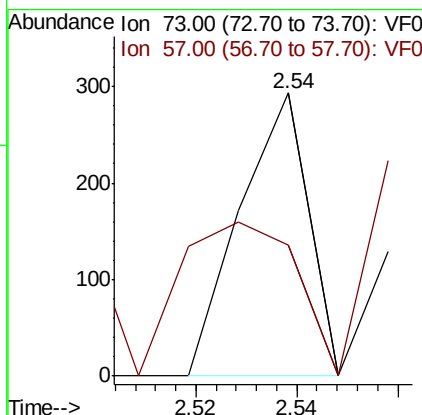
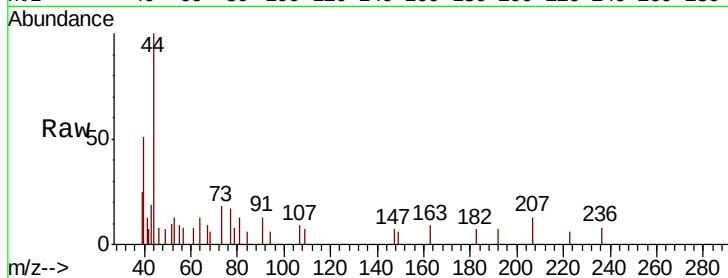




#19  
Methyl tert-butyl Ether  
Concen: 136.03 ug/l  
RT: 2.54 min Scan# 193  
Delta R.T. 0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

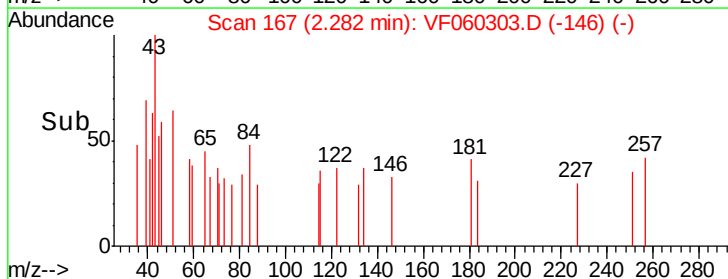
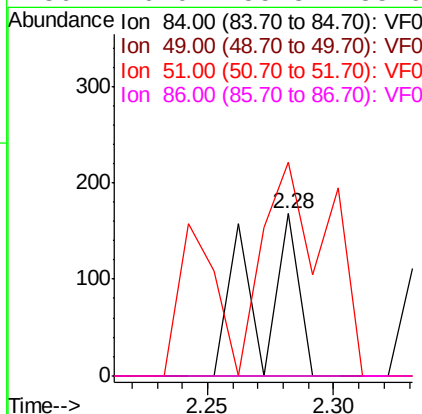
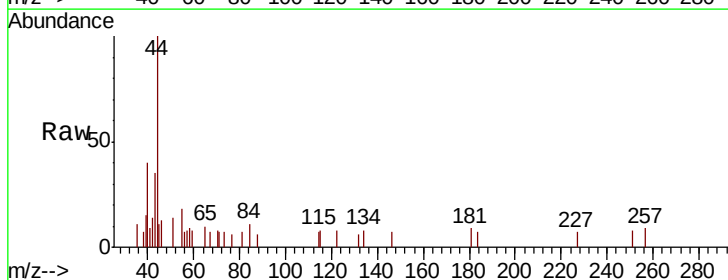
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

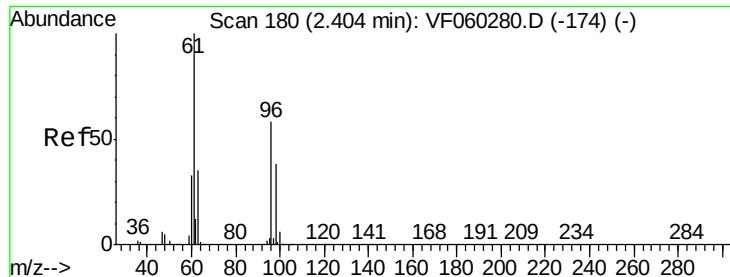
Tot Ion: 73 Resp: 274  
Ion Ratio Lower Upper  
73 100  
57 46.4 14.5 21.7#



#20  
Methylene Chloride  
Concen: 303.01 ug/l  
RT: 2.28 min Scan# 167  
Delta R.T. 0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion: 84 Resp: 193  
Ion Ratio Lower Upper  
84 100  
49 0.0 118.3 177.5#  
51 131.5 38.7 58.1#  
86 0.0 55.8 83.6#





#21

trans-1,2-Dichloroethene

Concen: 237.27 ug/l

RT: 2.39 min Scan# 178

Delta R.T. -0.01 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

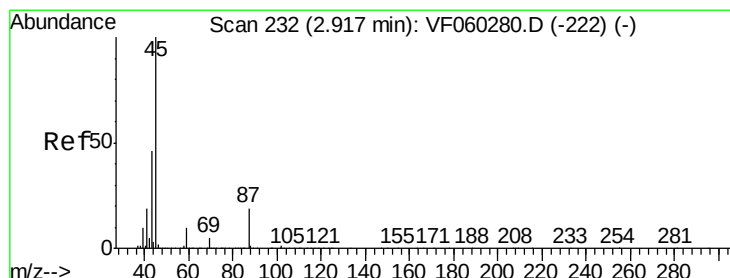
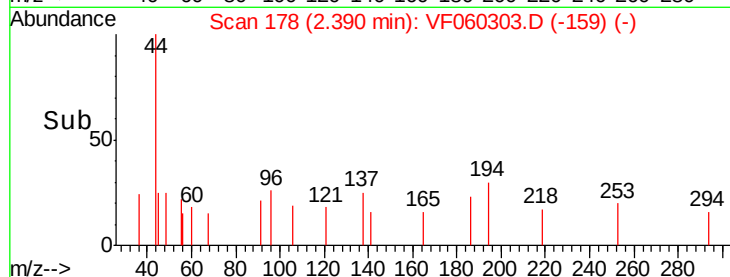
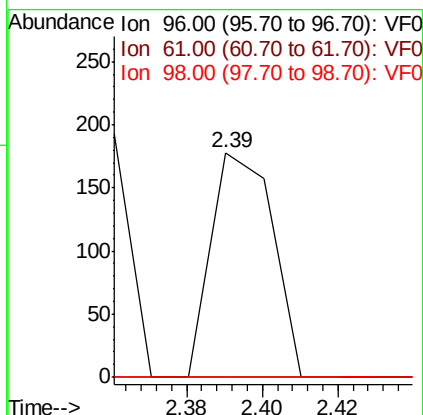
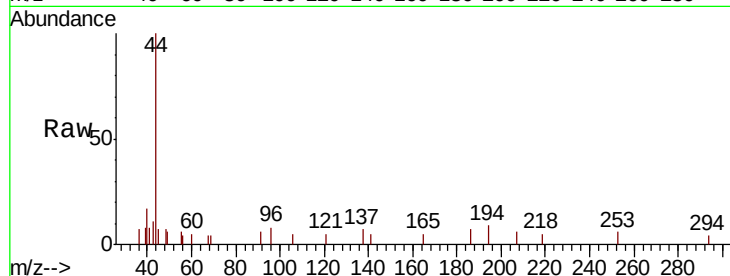
Tot Ion: 96 Resp: 198

Ion Ratio Lower Upper

96 100

61 0.0 136.4 204.6#

98 0.0 51.8 77.6#



#22

Diisopropyl ether

Concen: 83.83 ug/l

RT: 2.93 min Scan# 233

Delta R.T. 0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Tgt Ion: 45 Resp: 223

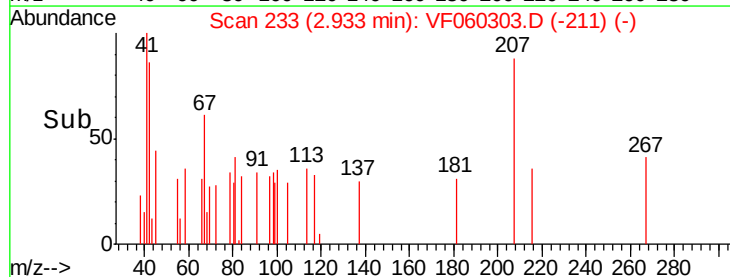
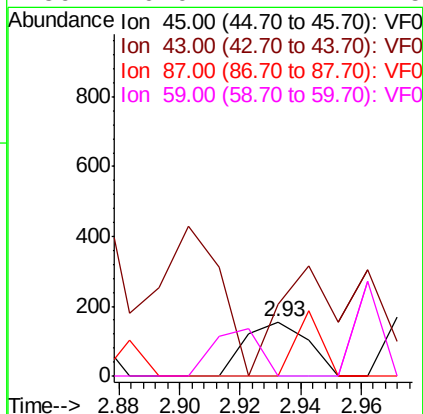
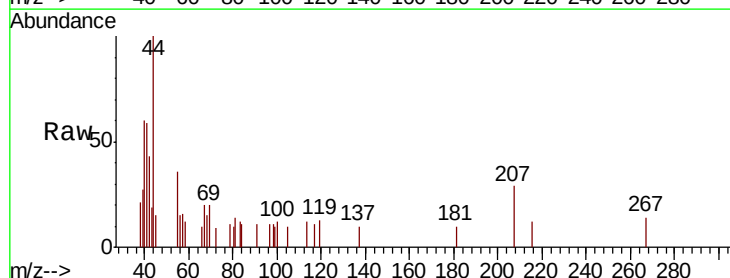
Ion Ratio Lower Upper

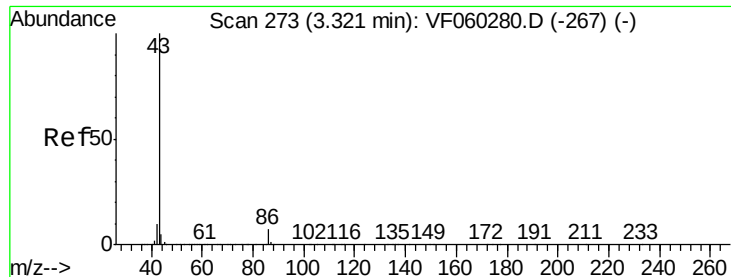
45 100

43 132.9 38.2 57.2#

87 0.0 15.5 23.3#

59 0.0 7.7 11.5#





#23

Vinyl Acetate

Concen: 1127.49 ug/l

RT: 3.31 min Scan# 271

Delta R.T. -0.01 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

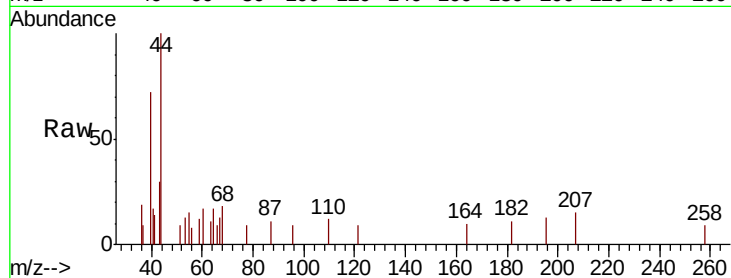
LS-SOIL-C

Tot Ion: 43 Resp: 1178

Ion Ratio Lower Upper

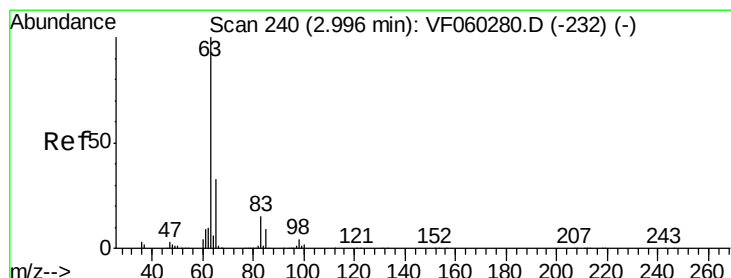
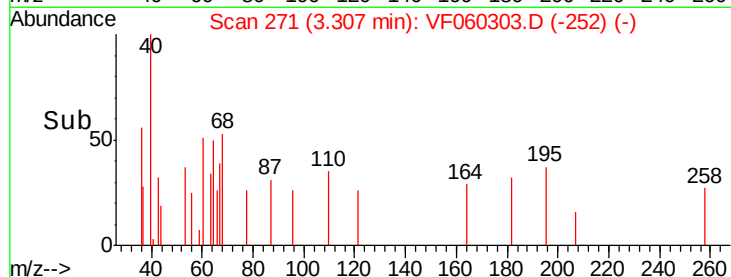
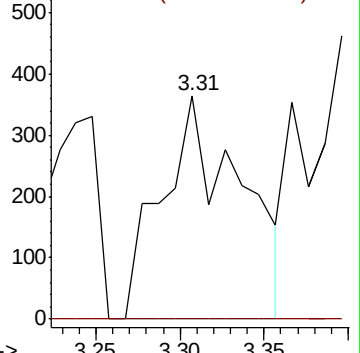
43 100

86 0.0 5.9 8.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 39.41 ug/l

RT: 2.99 min Scan# 239

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

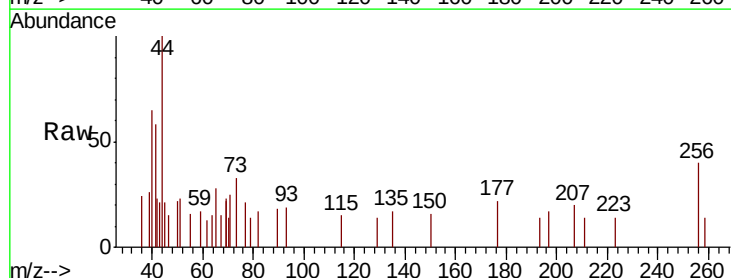
Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.5#

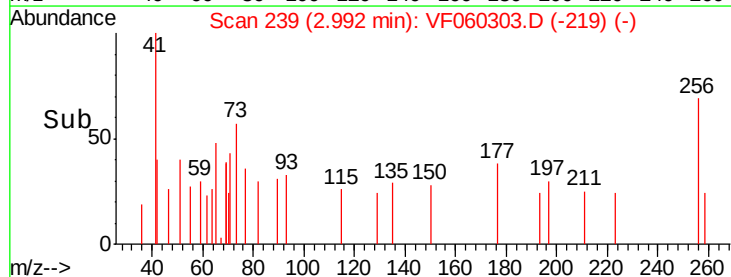
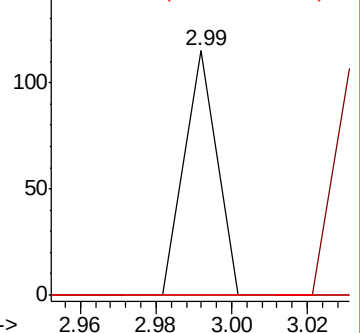
100 0.0 1.1 3.3#



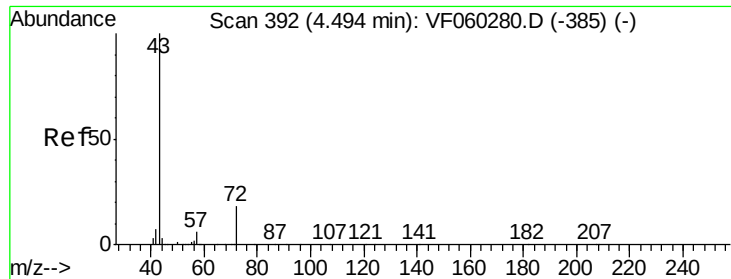
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0







#25

2-Butanone

Concen: 2210.29 ug/l

RT: 4.51 min Scan# 393

Delta R.T. 0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

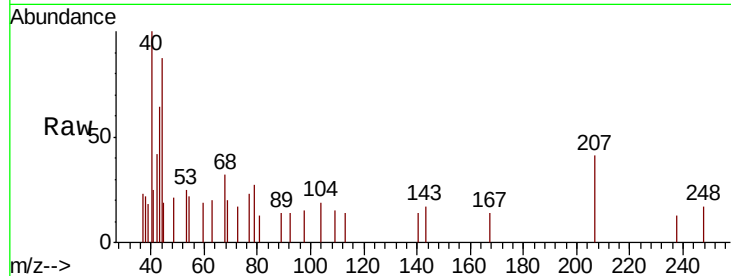
LS-SOIL-C

Tot Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

72 26.5 16.2 24.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.51

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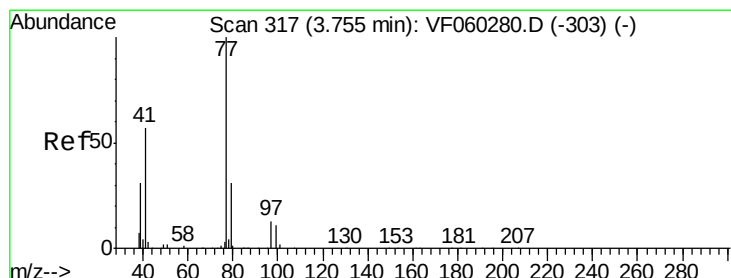
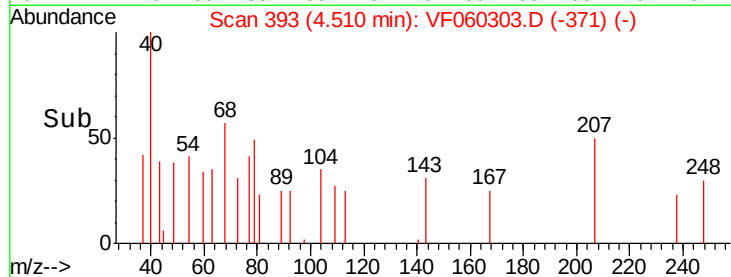
4.51

4.51

4.51

4.51

4.51



#26

2,2-Dichloropropane

Concen: 115.81 ug/l

RT: 3.73 min Scan# 314

Delta R.T. -0.02 min

Lab File: VF060303.D

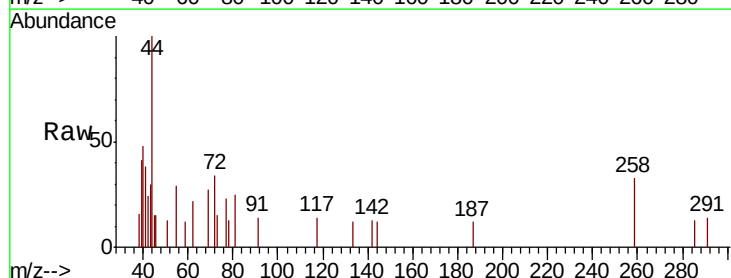
Acq: 20 Sep 2018 17:59

Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

77 100

97 0.0 9.3 27.9#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.73

3.73

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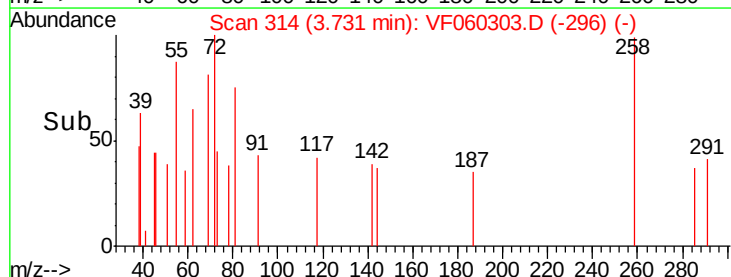
3.73

3.73

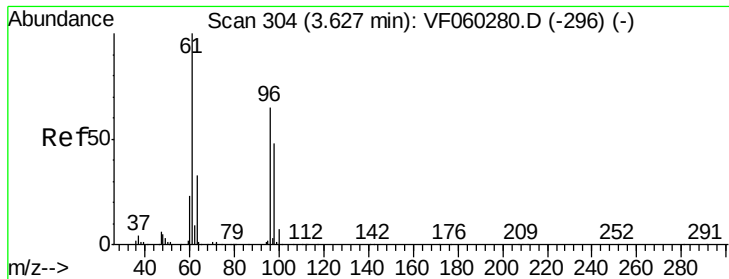
3.73

3.73

3.73



Time-->



#27

cis-1,2-Dichloroethene

Concen: 509.89 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

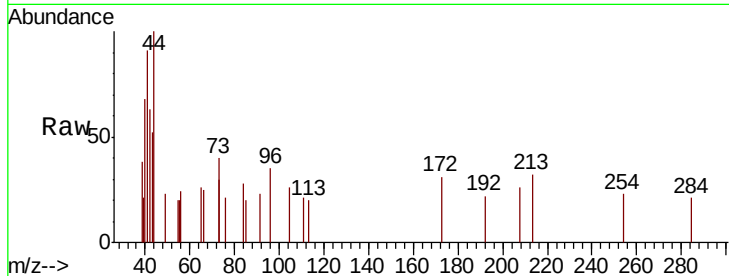
Tot Ion: 96 Resp: 559

Ion Ratio Lower Upper

96 100

61 0.0 0.0 304.8

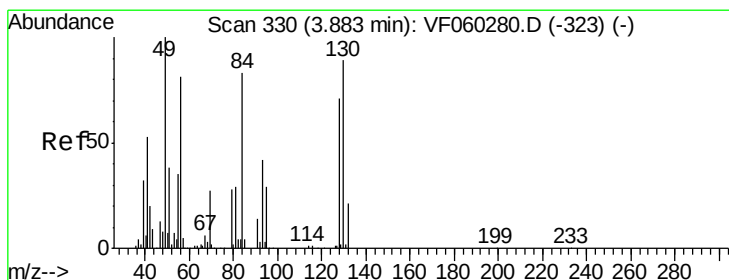
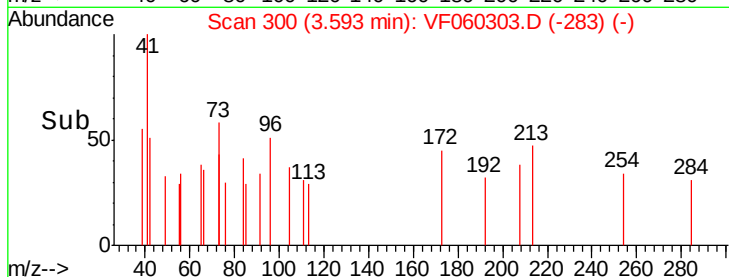
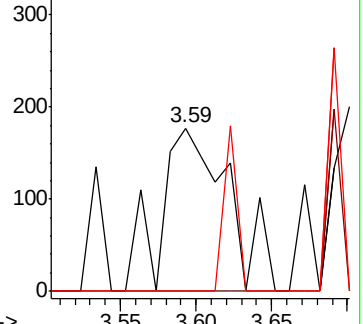
98 0.0 0.0 146.4



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 199.50 ug/l

RT: 3.78 min Scan# 319

Delta R.T. -0.10 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

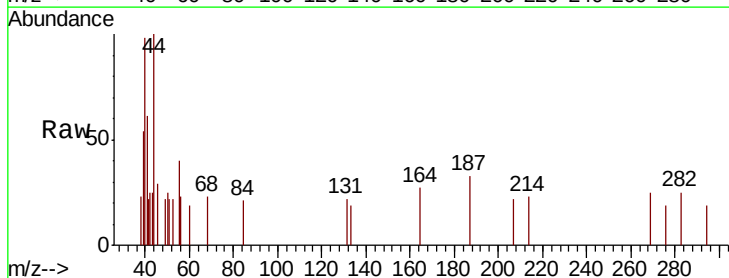
Tgt Ion: 49 Resp: 134

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

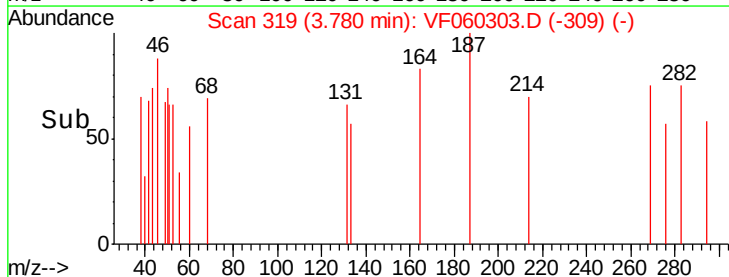
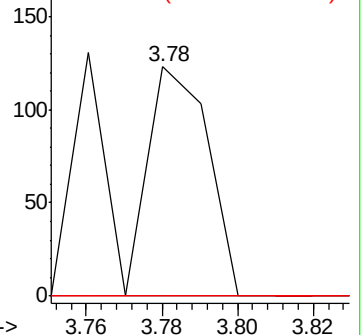
130 0.0 70.3 105.5#

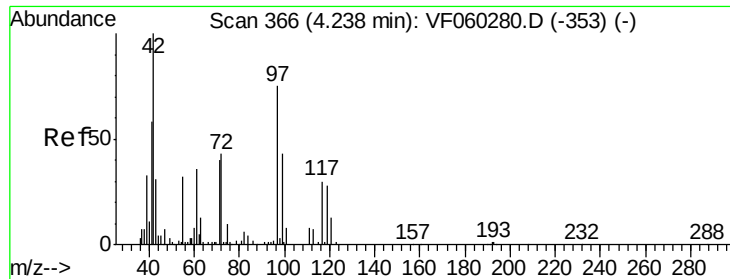


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 4498.50 ug/l

RT: 4.21 min Scan# 363

Delta R.T. -0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

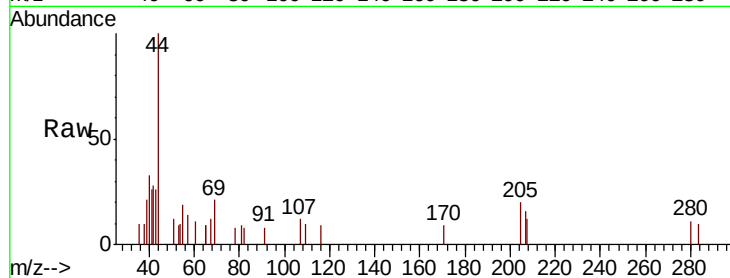
Tot Ion: 42 Resp: 597

Ion Ratio Lower Upper

42 100

72 0.0 32.6 49.0#

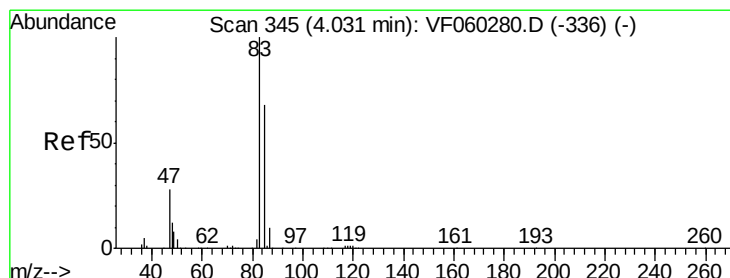
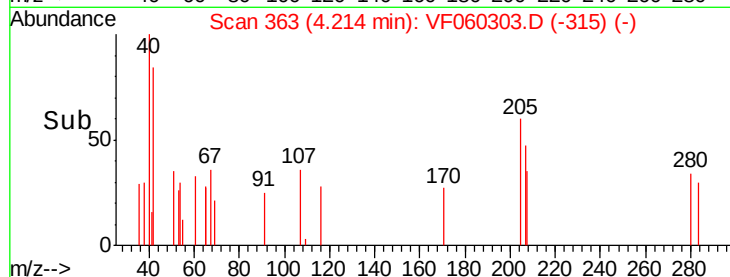
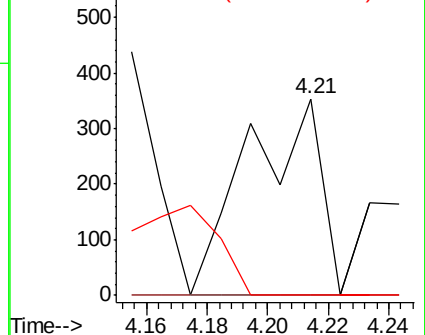
71 0.0 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 52.84 ug/l

RT: 3.89 min Scan# 330

Delta R.T. -0.14 min

Lab File: VF060303.D

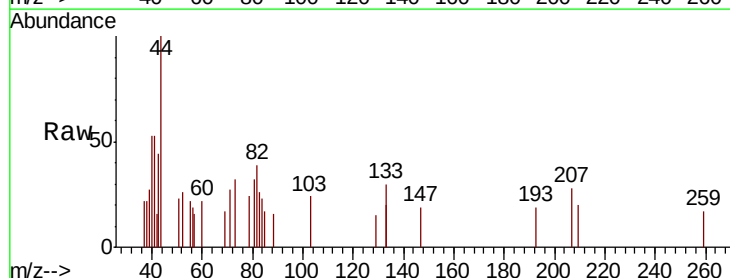
Acq: 20 Sep 2018 17:59

Tgt Ion: 83 Resp: 110

Ion Ratio Lower Upper

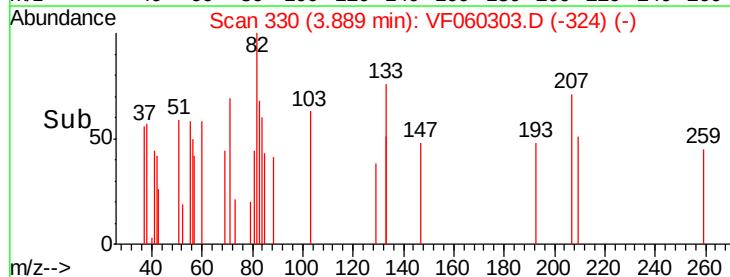
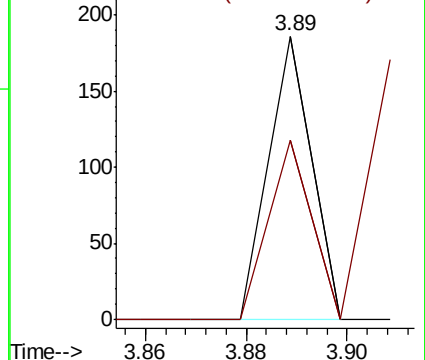
83 100

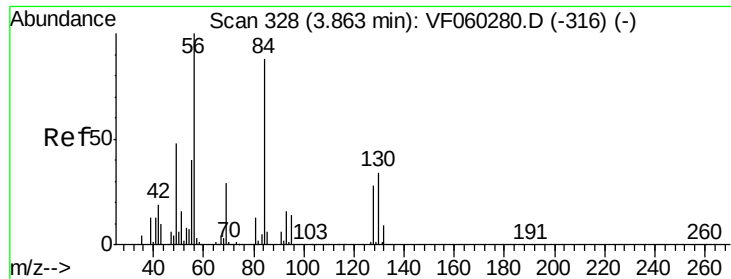
85 63.4 54.9 82.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

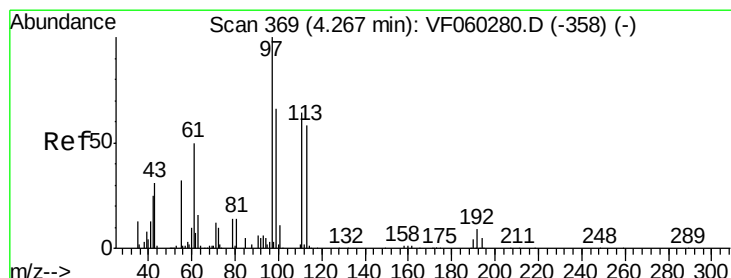
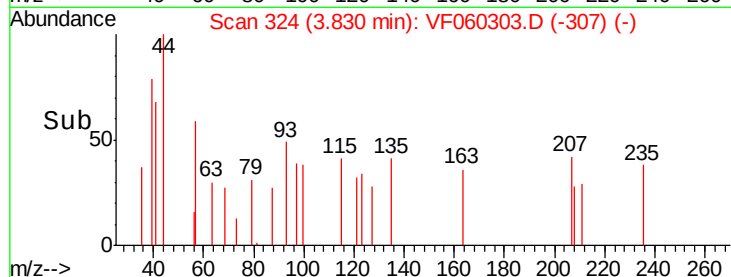
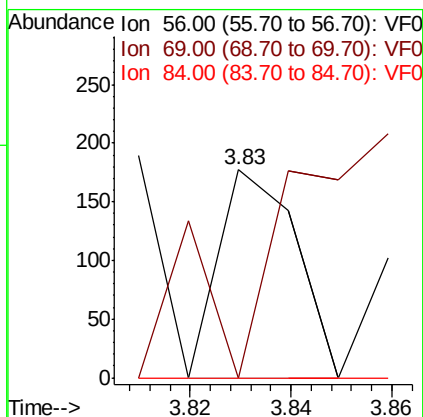
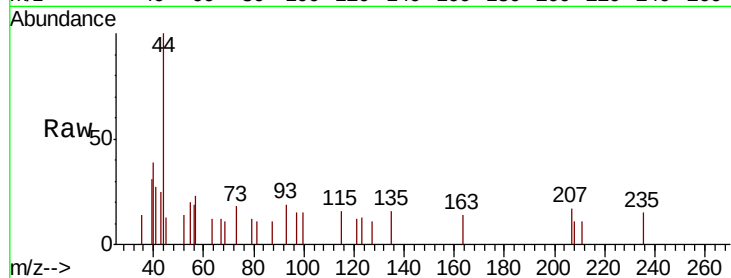




#31  
Cyclohexane  
Concen: 129.70 ug/l  
RT: 3.83 min Scan# 324  
Delta R.T. -0.03 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

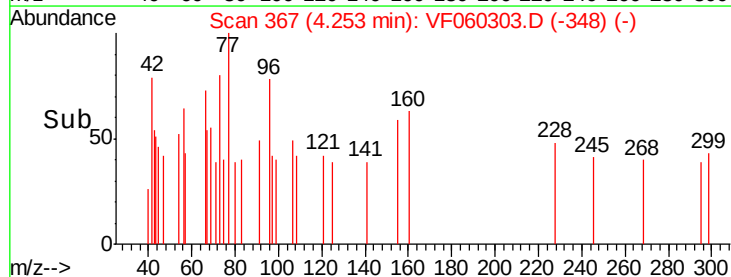
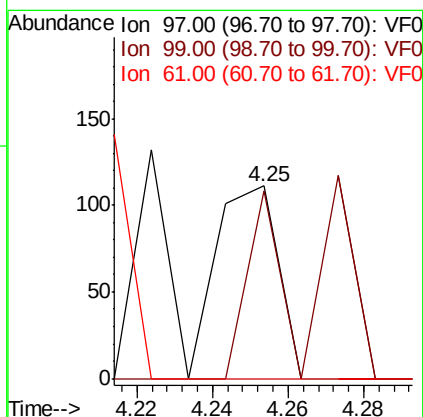
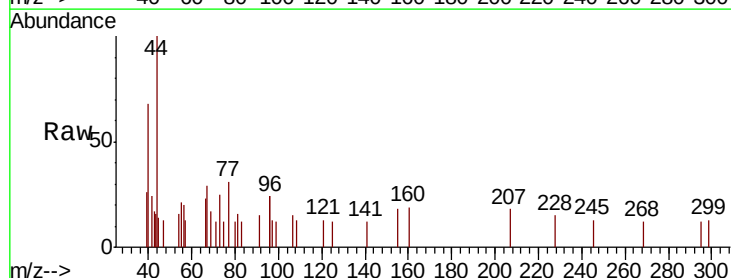
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

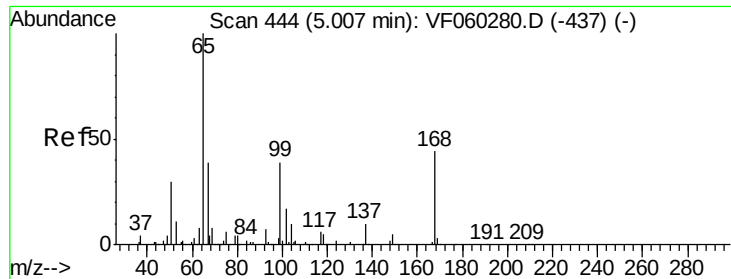
Tot Ion: 56 Resp: 189  
Ion Ratio Lower Upper  
56 100  
69 0.0 23.8 35.6#  
84 0.0 70.2 105.4#



#32  
1,1,1-Trichloroethane  
Concen: 76.10 ug/l  
RT: 4.25 min Scan# 367  
Delta R.T. -0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion: 97 Resp: 125  
Ion Ratio Lower Upper  
97 100  
99 97.3 53.0 79.4#  
61 0.0 40.6 61.0#

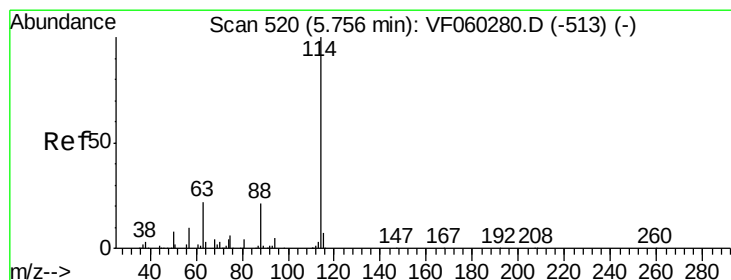
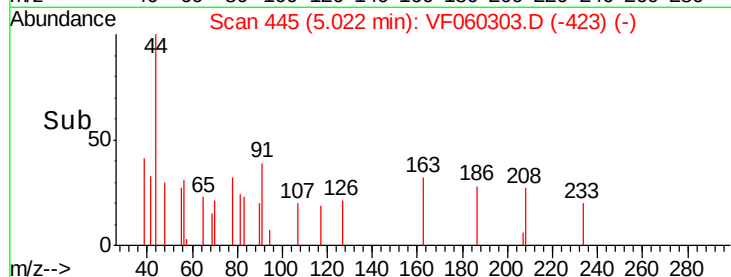
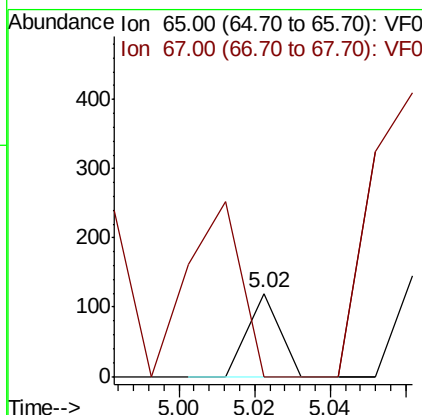
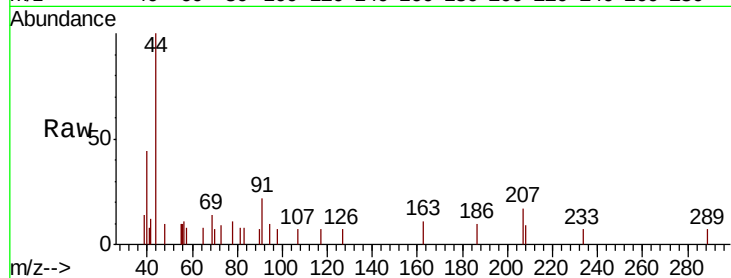




#33  
 1,2-Dichloroethane-d4  
 Concen: 74.26 ug/l  
 RT: 5.02 min Scan# 445  
 Delta R.T. 0.02 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

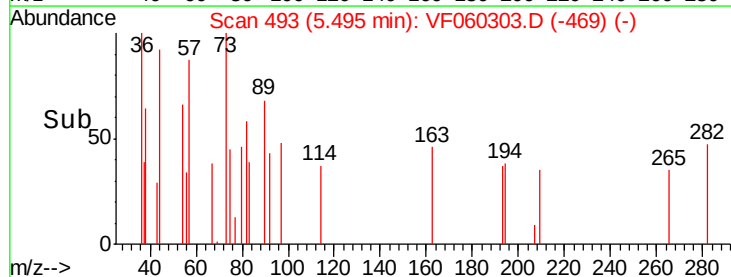
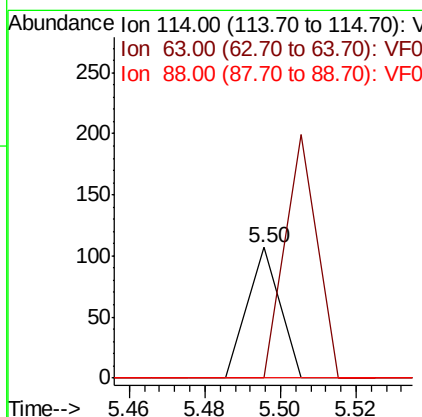
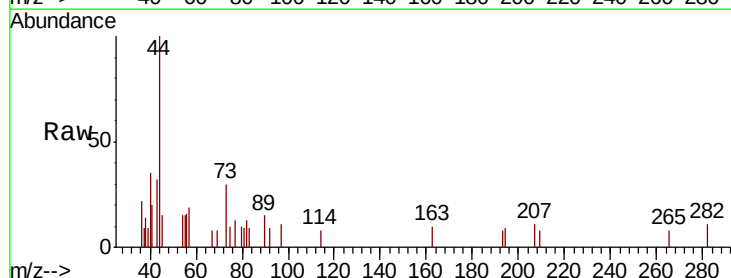
Instrument :  
 MSVOA\_F  
 ClientSampled :  
 LS-SOIL-C

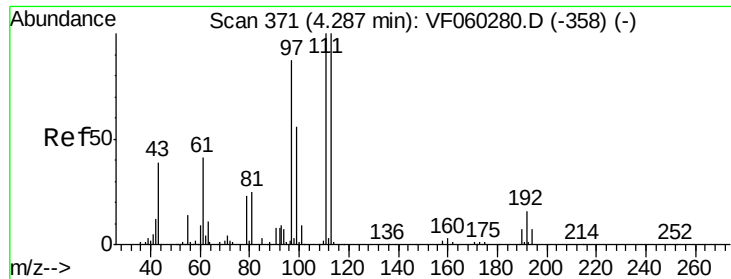
Tot Ion: 65 Resp: 71  
 Ion Ratio Lower Upper  
 65 100  
 67 0.0 0.0 94.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.50 min Scan# 493  
 Delta R.T. -0.26 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion: 114 Resp: 63  
 Ion Ratio Lower Upper  
 114 100  
 63 0.0 0.0 43.8  
 88 0.0 0.0 41.2

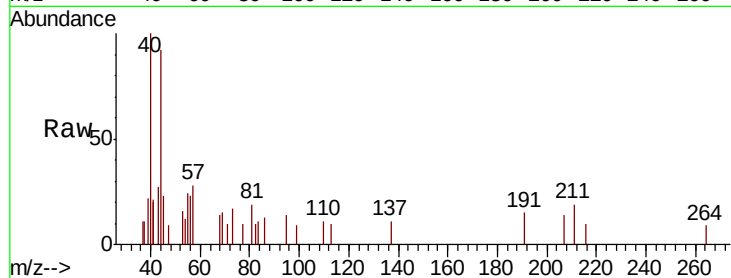




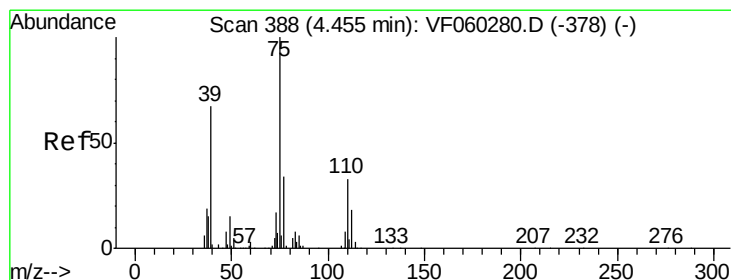
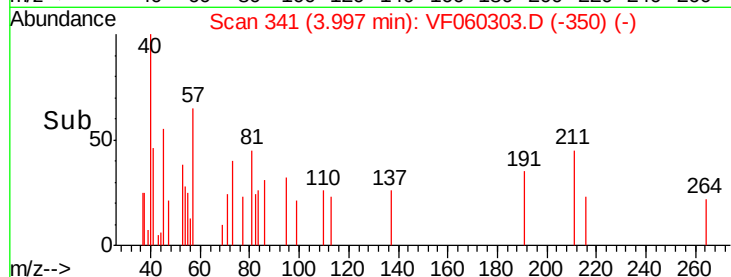
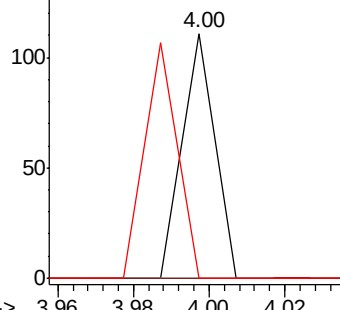
#35  
 Dibromofluoromethane  
 Concen: 117.52 ug/l  
 RT: 4.00 min Scan# 341  
 Delta R.T. -0.29 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 111     | 0.0   | 79.6  | 119.4# |
| 192     | 0.0   | 13.0  | 19.6#  |

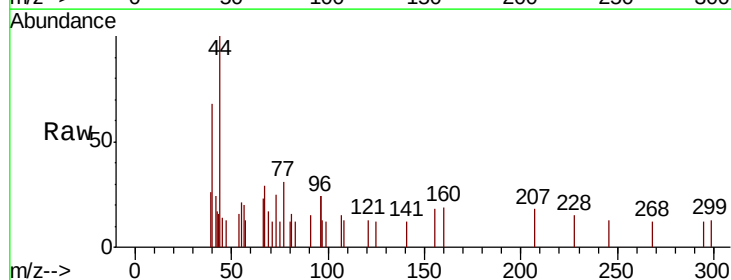


Abundance Ion 113.00 (112.70 to 113.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 192.00 (191.70 to 192.70): V

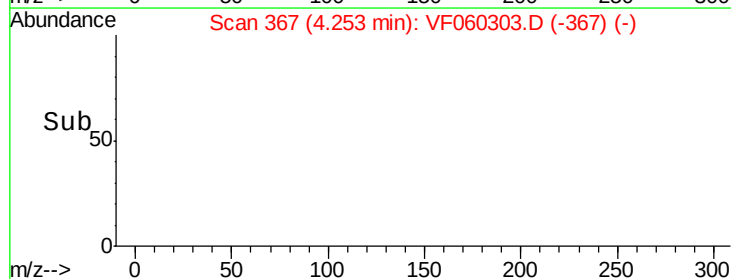
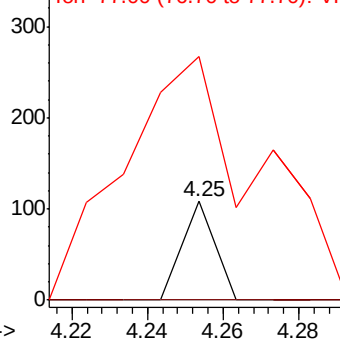


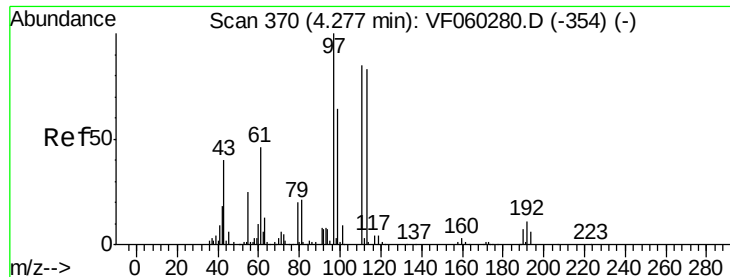
#36  
 1,1-Dichloropropene  
 Concen: 81.44 ug/l  
 RT: 4.25 min Scan# 367  
 Delta R.T. -0.20 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 0.0   | 16.4  | 49.2# |
| 77      | 247.2 | 27.3  | 40.9# |



Abundance Ion 75.00 (74.70 to 75.70): VF0  
 Ion 110.00 (109.70 to 110.70): V  
 Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 1115.76 ug/l

RT: 4.08 min Scan# 349

Delta R.T. -0.20 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

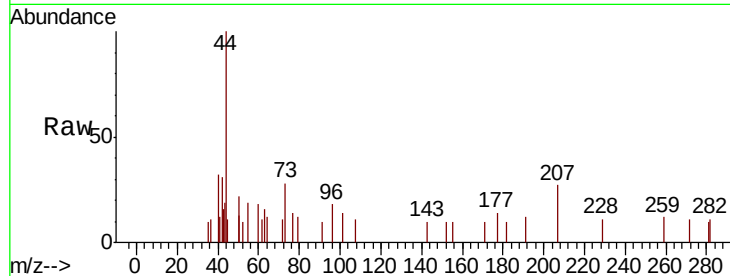
Tot Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

61 0.0 91.1 136.7#

70 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

4.08

300

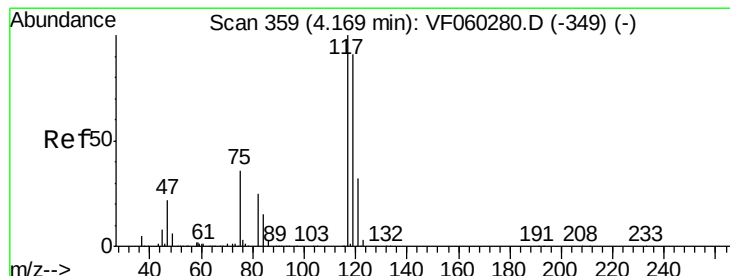
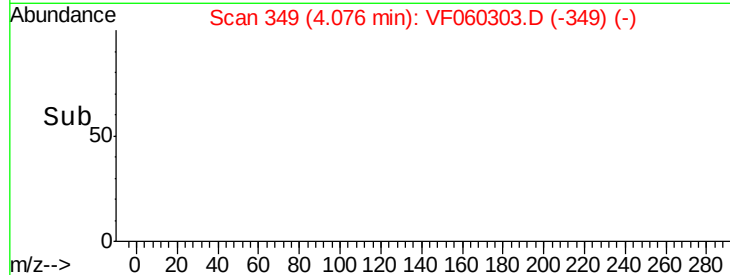
200

100

0

4.06 4.08 4.10

Time-->



#38

Carbon Tetrachloride

Concen: 99.52 ug/l

RT: 3.92 min Scan# 333

Delta R.T. -0.25 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

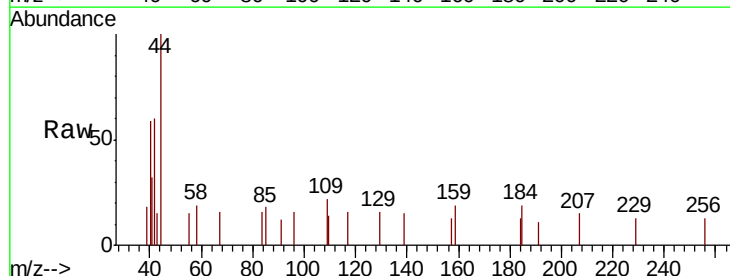
Tgt Ion: 117 Resp: 84

Ion Ratio Lower Upper

117 100

119 0.0 73.0 109.6#

121 0.0 25.4 38.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

3.92

150

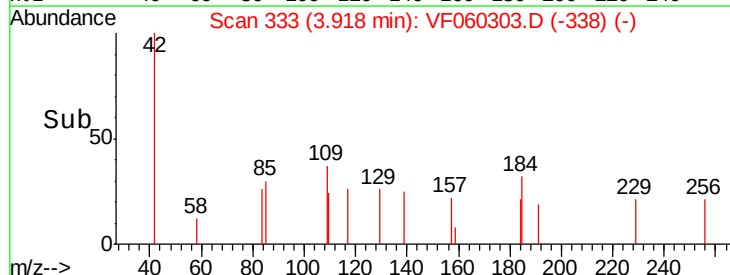
100

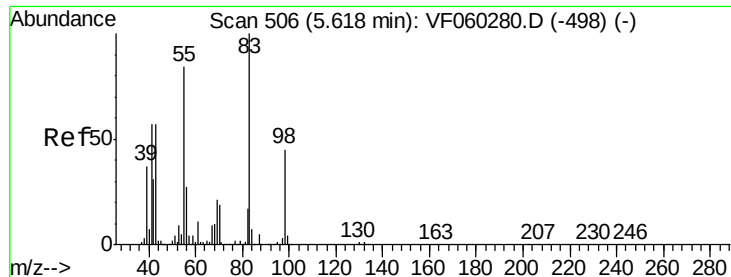
50

0

3.88 3.90 3.92 3.94

Time-->





#39

Methylvlcyclohexane

Concen: 90.41 ug/l

RT: 5.40 min Scan# 483

Delta R.T. -0.22 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

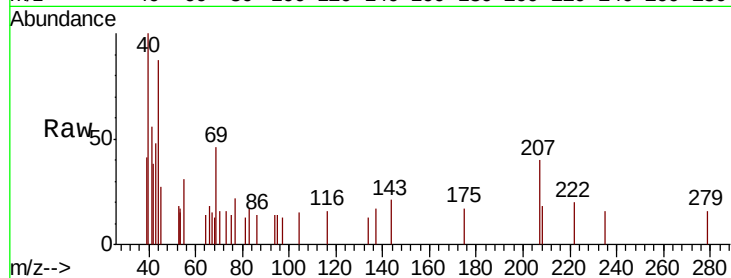
Tot Ion: 83.00 Resp: 77

Ion Ratio Lower Upper

83 100

55 181.7 67.3 100.9#

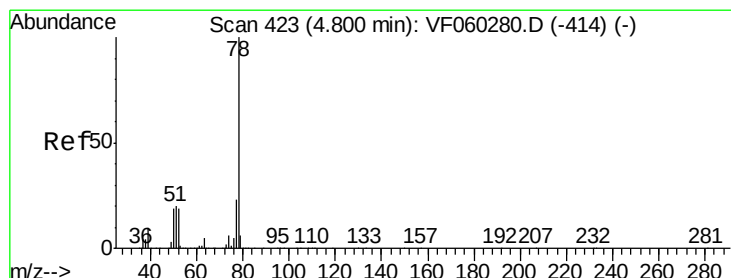
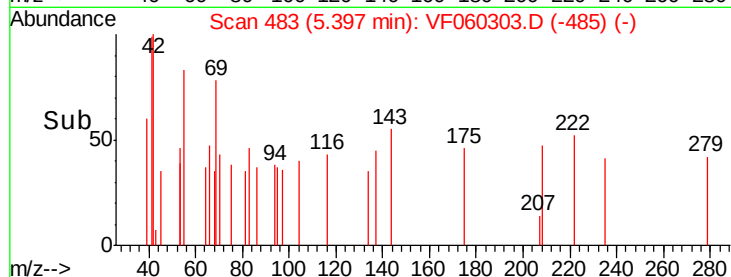
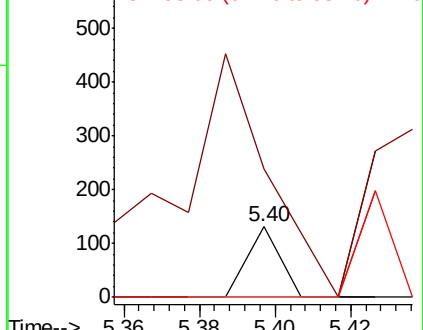
98 0.0 36.1 54.1#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#40

Benzene

Concen: 39.85 ug/l

RT: 4.61 min Scan# 403

Delta R.T. -0.19 min

Lab File: VF060303.D

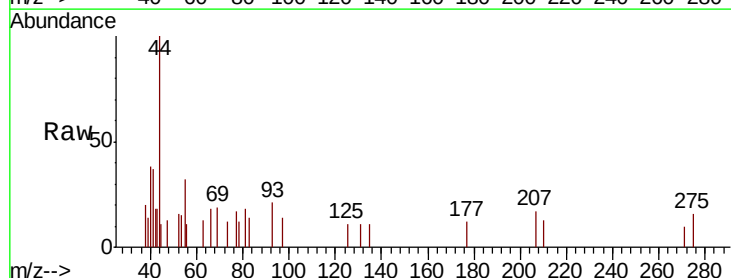
Acq: 20 Sep 2018 17:59

Tgt Ion: 78 Resp: 71

Ion Ratio Lower Upper

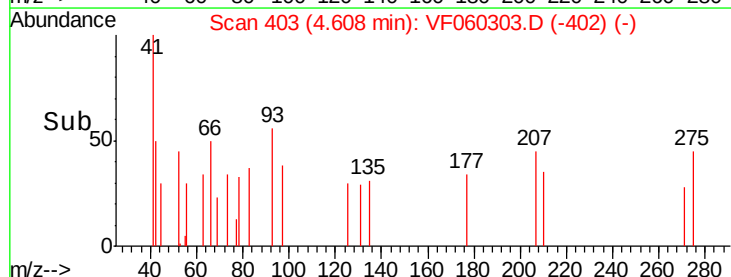
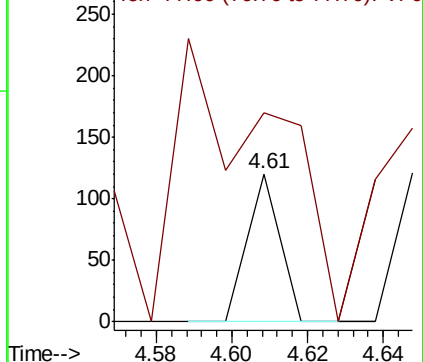
78 100

77 141.7 18.4 27.6#

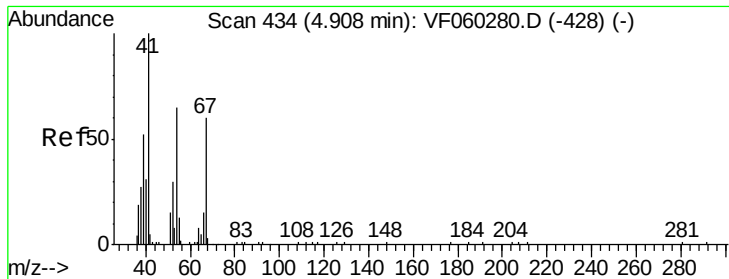


Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0







#41

Methacrylonitrile

Concen: 4566.95 ug/l

RT: 4.69 min Scan# 411

Delta R.T. -0.22 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

Tot Ion: 41 Resp: 824

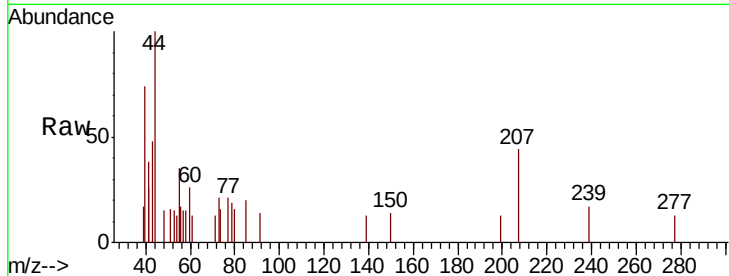
Ion Ratio Lower Upper

41 100

39 26.4 49.1 73.7#

67 0.0 48.2 72.4#

52 0.0 35.8 53.8#

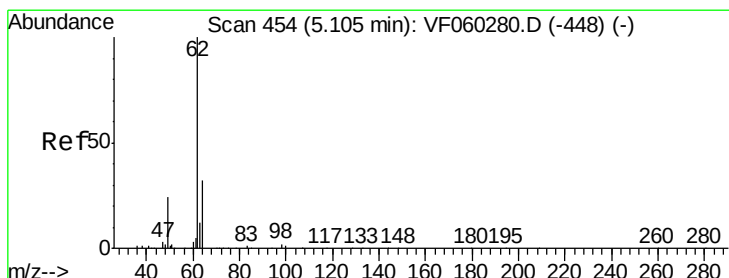
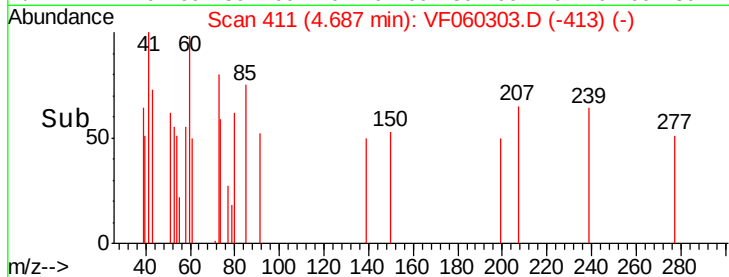
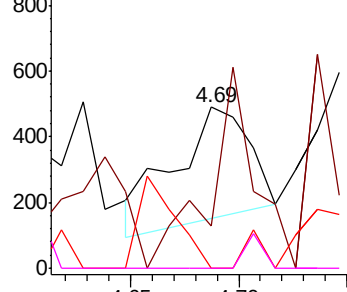


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 96.06 ug/l

RT: 4.92 min Scan# 435

Delta R.T. -0.18 min

Lab File: VF060303.D

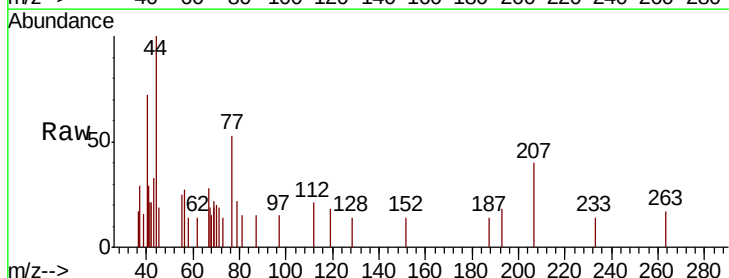
Acq: 20 Sep 2018 17:59

Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

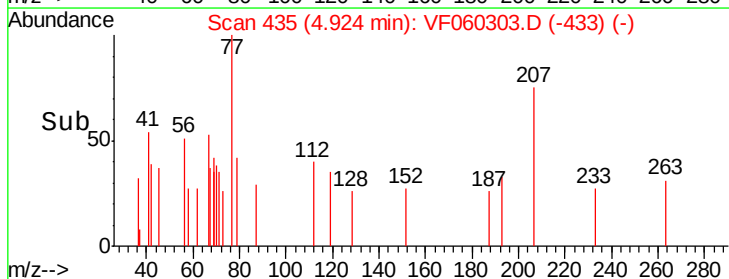
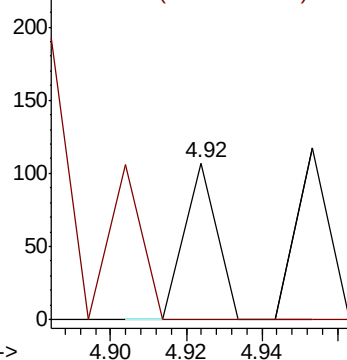
62 100

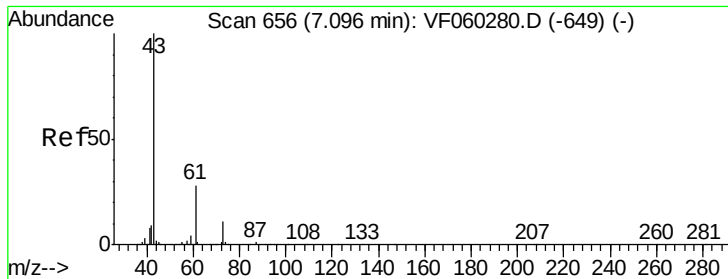
98 0.0 0.0 14.4



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 1184.12 ug/l

RT: 6.76 min Scan# 621

Delta R.T. -0.34 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

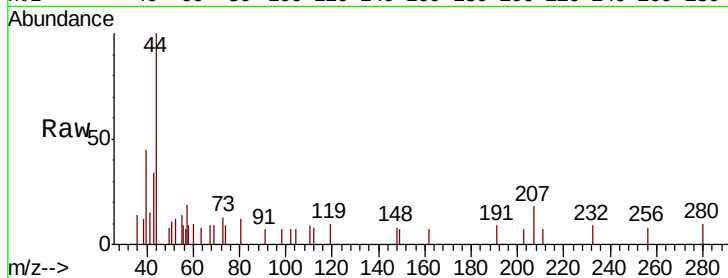
Tot Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 0.6 0.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

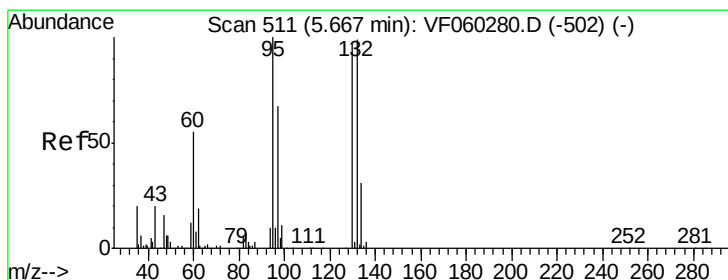
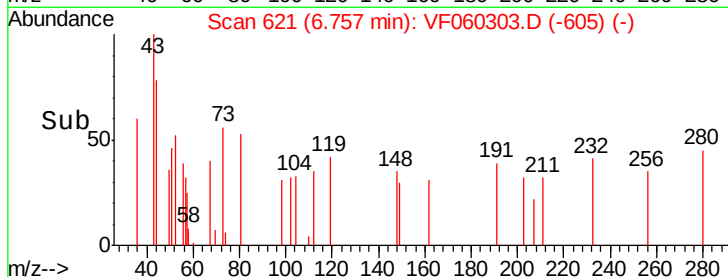
Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

6.76

6.74

Time-->



#44

Trichloroethene

Concen: 113.14 ug/l

RT: 5.48 min Scan# 491

Delta R.T. -0.19 min

Lab File: VF060303.D

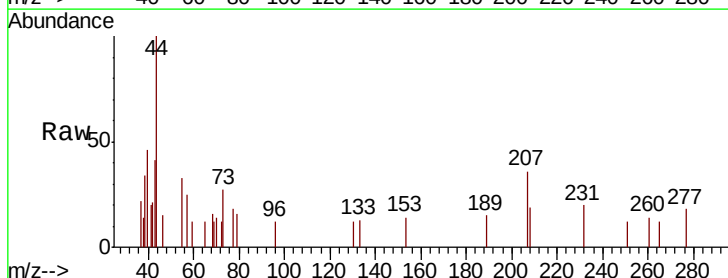
Acq: 20 Sep 2018 17:59

Tgt Ion:130 Resp: 60

Ion Ratio Lower Upper

130 100

95 0.0 0.0 205.6



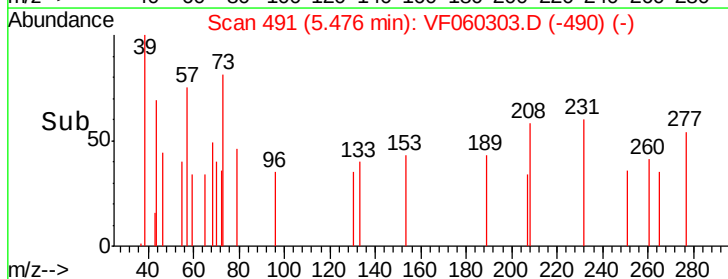
Abundance Ion 129.90 (129.60 to 130.60): V

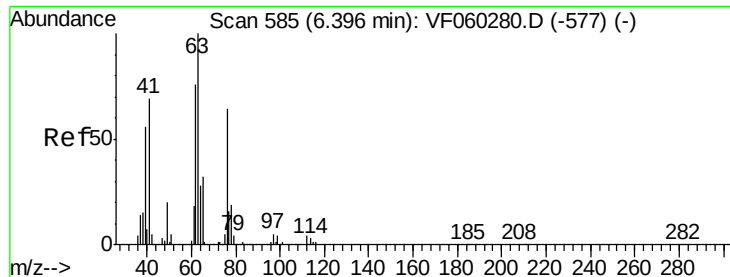
Ion 94.90 (94.60 to 95.60): VF0

5.48

5.44

Time-->





#45

1,2-Dichloropropane

Concen: 472.72 ug/l

RT: 6.05 min Scan# 549

Delta R.T. -0.35 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

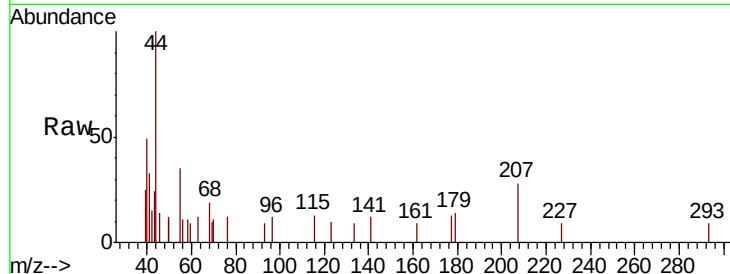
LS-SOIL-C

Tot Ion: 63 Resp: 218

Ion Ratio Lower Upper

63 100

65 0.0 26.2 39.4#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

250

200

150

100

50

0

6.00

6.05

6.10

6.15

6.20

6.25

6.30

6.35

6.40

6.45

6.50

6.55

6.60

6.65

6.70

6.75

6.80

6.85

6.90

6.95

7.00

7.05

7.10

7.15

7.20

7.25

7.30

7.35

7.40

7.45

7.50

7.55

7.60

7.65

7.70

7.75

7.80

7.85

7.90

7.95

8.00

8.05

8.10

8.15

8.20

8.25

8.30

8.35

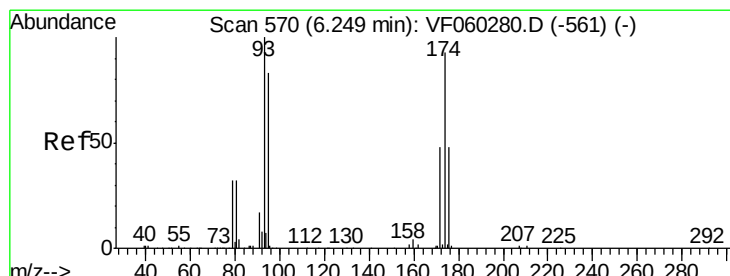
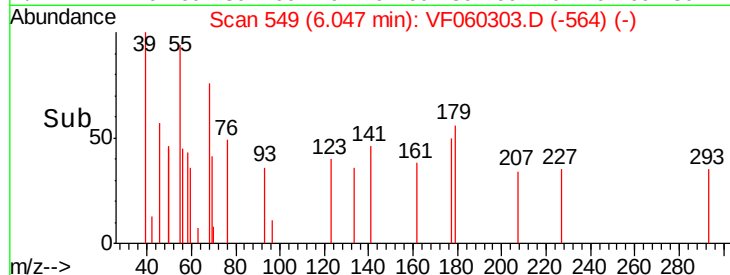
8.40

8.45

8.50

8.55

8.60



#46

Dibromomethane

Concen: 203.25 ug/l

RT: 5.95 min Scan# 539

Delta R.T. -0.30 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

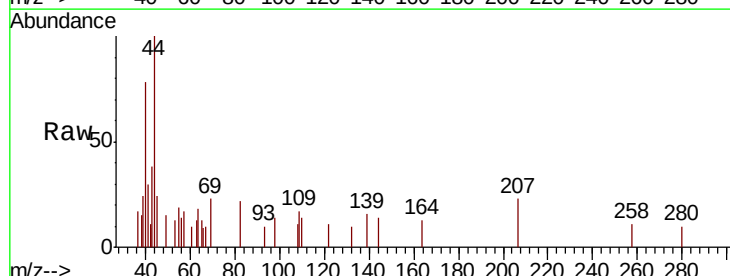
Tgt Ion: 93 Resp: 67

Ion Ratio Lower Upper

93 100

95 0.0 67.0 100.6#

174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

200

150

100

50

0

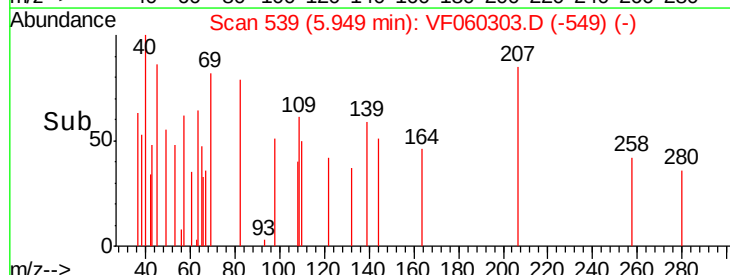
5.92

5.94

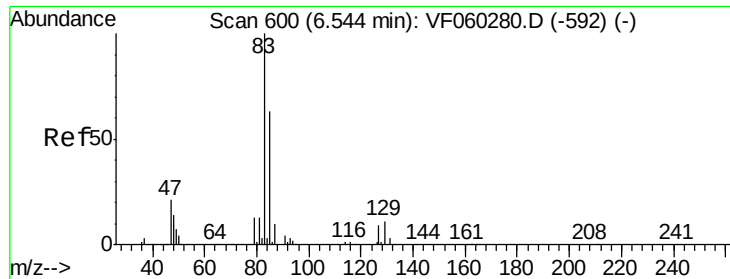
5.96

5.98

5.99



Time-->



#47

Bromodichloromethane

Concen: 340.84 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.30 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleID :

LS-SOIL-C

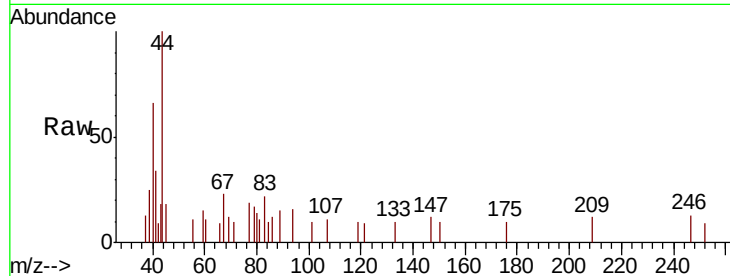
Tot Ion: 83 Resp: 270

Ion Ratio Lower Upper

83 100

85 0.0 50.6 76.0#

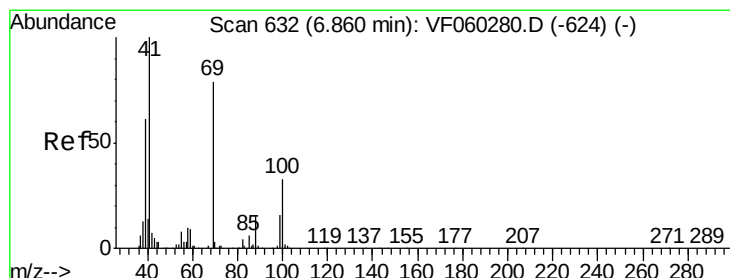
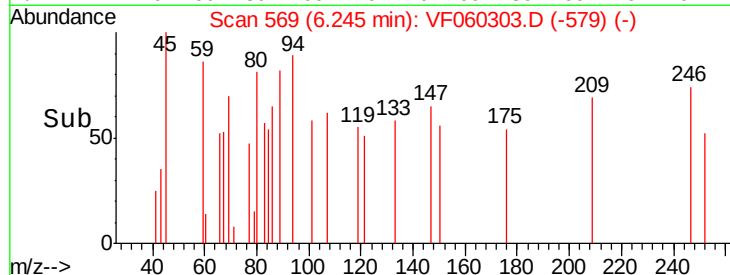
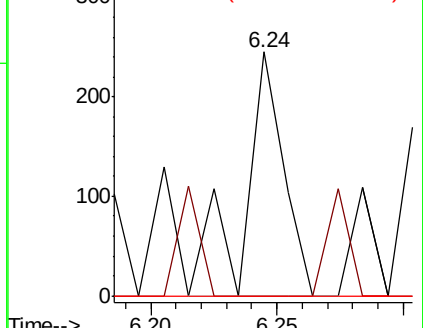
127 0.0 7.1 10.7#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 1693.97 ug/l

RT: 6.53 min Scan# 598

Delta R.T. -0.33 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

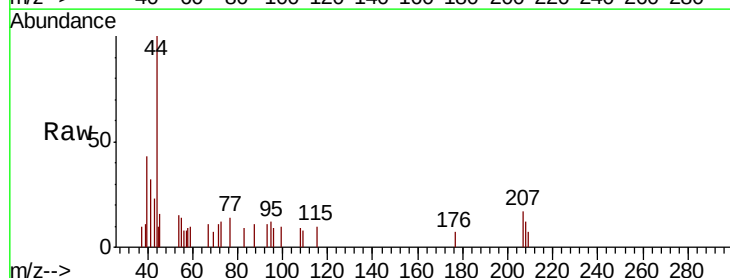
Tgt Ion: 41 Resp: 476

Ion Ratio Lower Upper

41 100

69 21.7 62.6 94.0#

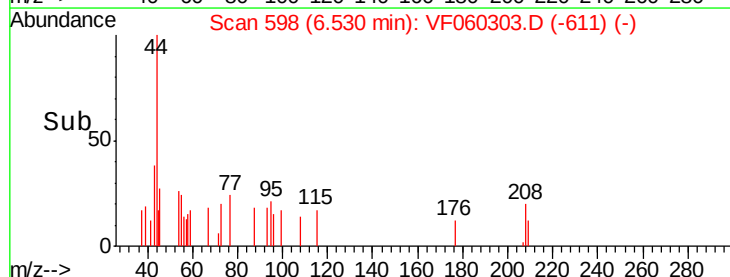
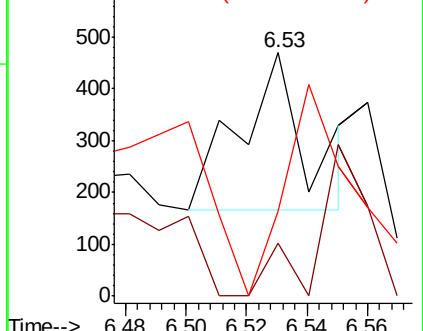
39 34.7 49.1 73.7#

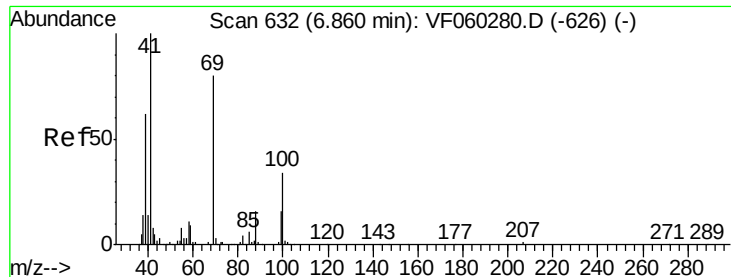


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

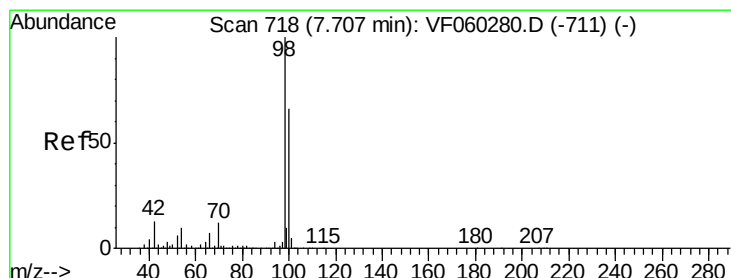
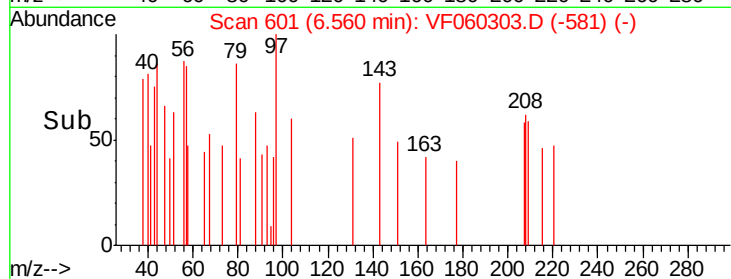
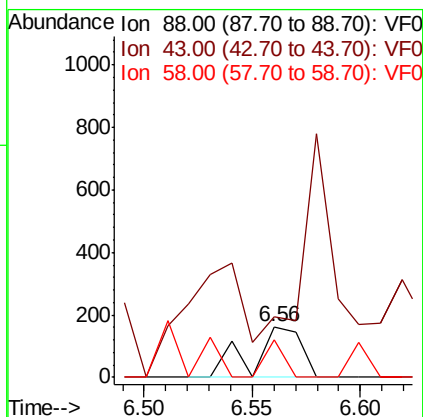
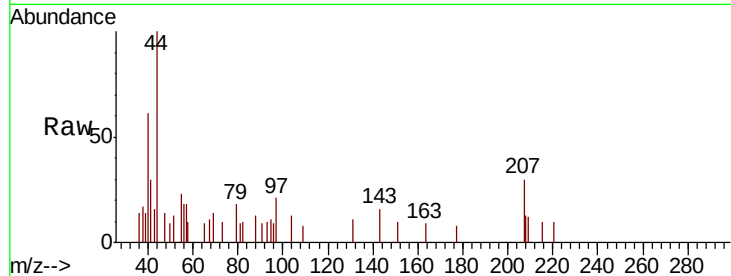




#49  
 1,4-Dioxane  
 Concen: 99585.53 ug/l  
 RT: 6.56 min Scan# 601  
 Delta R.T. -0.30 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

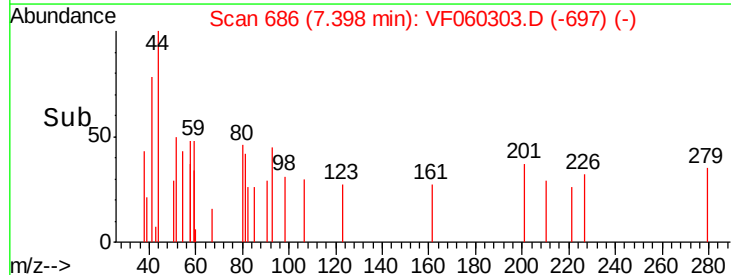
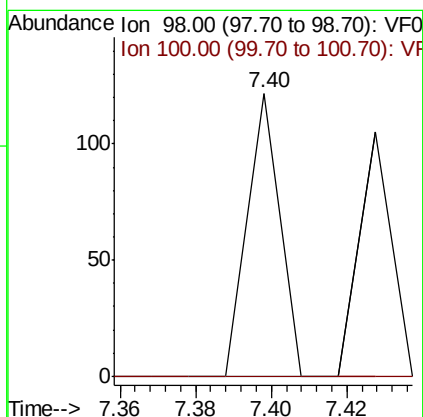
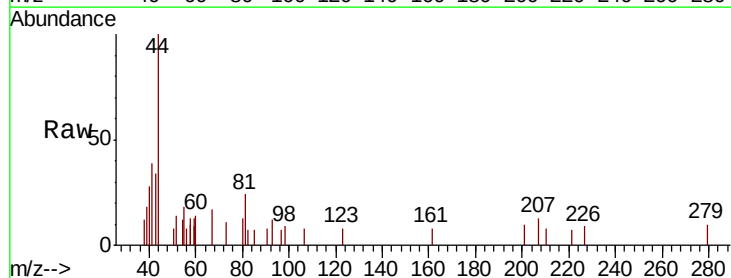
Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 LS-SOIL-C

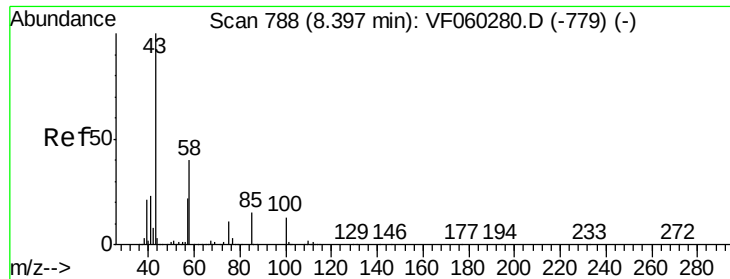
Tot Ion: 88 Resp: 250  
 Ion Ratio Lower Upper  
 88 100  
 43 119.1 40.2 60.4#  
 58 74.7 56.7 85.1



#50  
 Toluene-d8  
 Concen: 49.23 ug/l  
 RT: 7.40 min Scan# 686  
 Delta R.T. -0.31 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion: 98 Resp: 72  
 Ion Ratio Lower Upper  
 98 100  
 100 0.0 53.0 79.6#





#51

4-Methyl-2-Pentanone

Concen: 554.25 ug/l

RT: 8.01 min Scan# 748

Delta R.T. -0.39 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

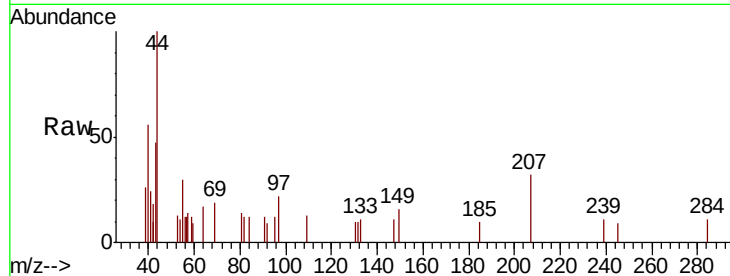
LS-SOIL-C

Tot Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.01

500

400

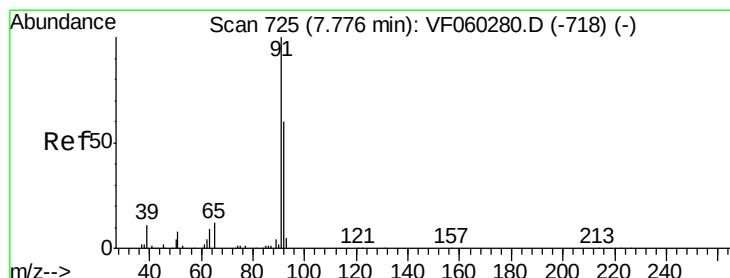
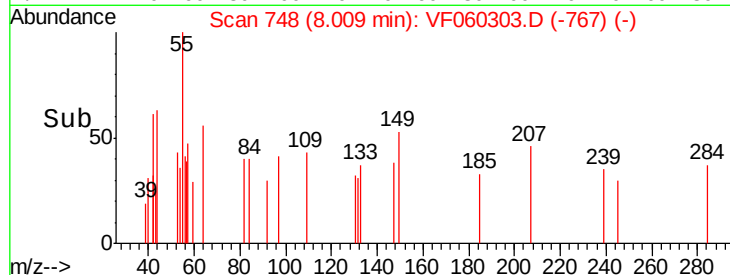
300

200

100

0

Time-->



#52

Toluene

Concen: 63.87 ug/l

RT: 7.47 min Scan# 693

Delta R.T. -0.31 min

Lab File: VF060303.D

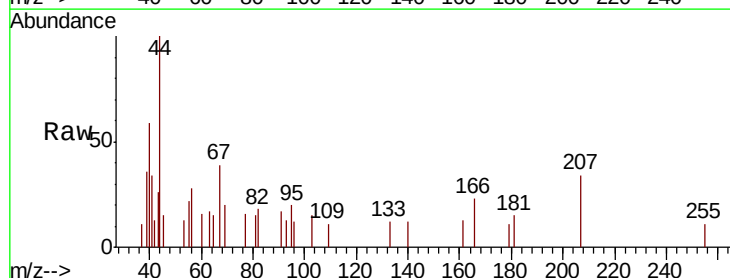
Acq: 20 Sep 2018 17:59

Tgt Ion: 92 Resp: 72

Ion Ratio Lower Upper

92 100

91 135.2 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

300

250

200

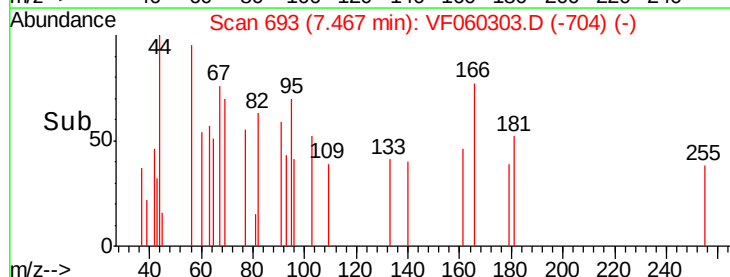
150

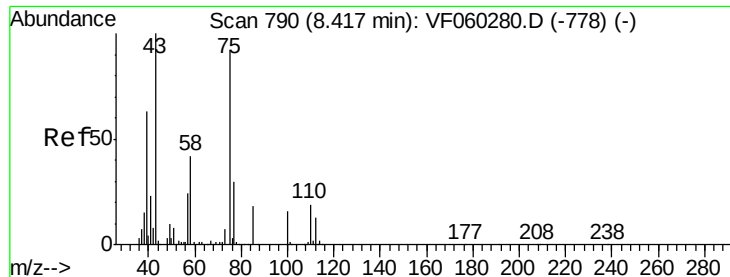
100

50

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 103.29 ug/l

RT: 8.02 min Scan# 749

Delta R.T. -0.40 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

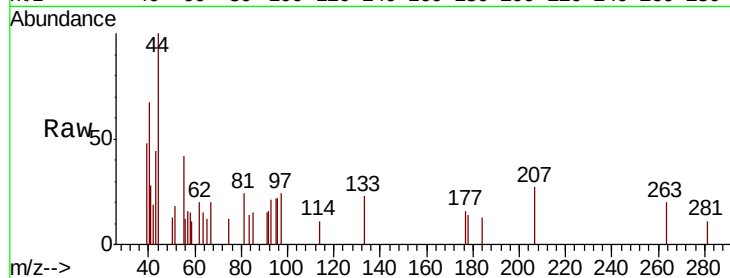
LS-SOIL-C

Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

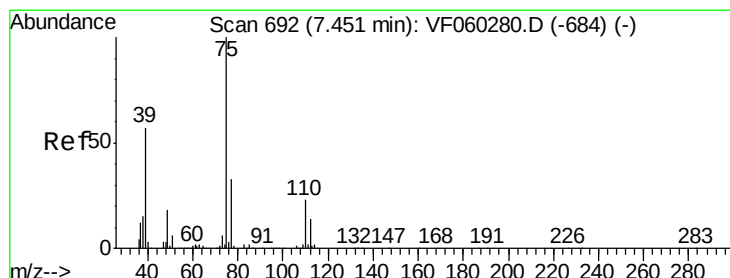
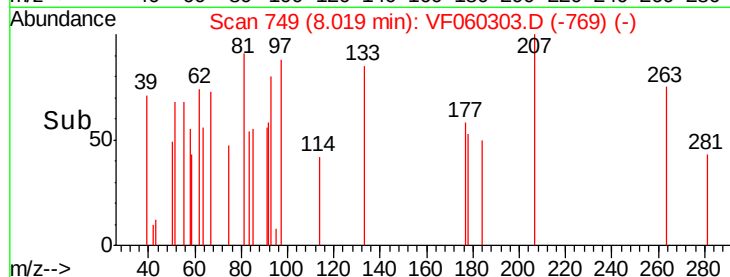
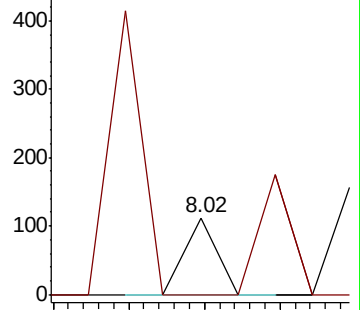
75 100

77 0.0 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 79.51 ug/l

RT: 7.13 min Scan# 659

Delta R.T. -0.32 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

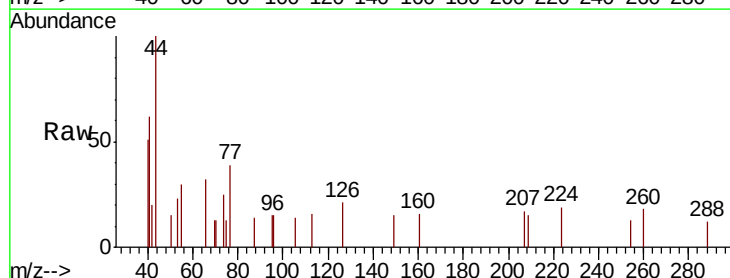
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

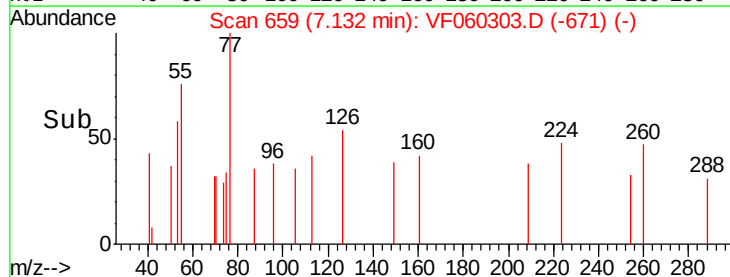
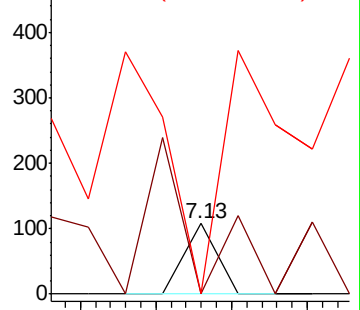
39 0.0 46.1 69.1#

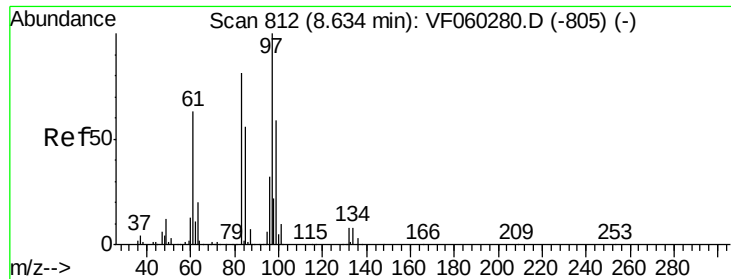


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 268.90 ug/l

RT: 8.24 min Scan# 771

Delta R.T. -0.40 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

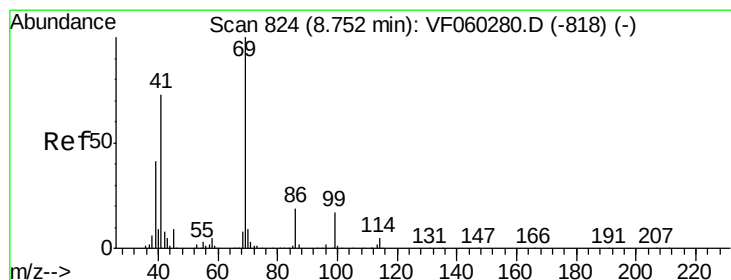
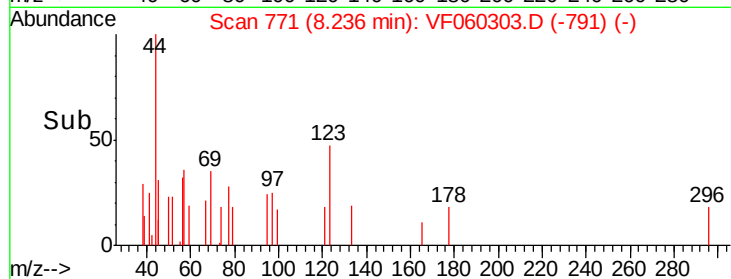
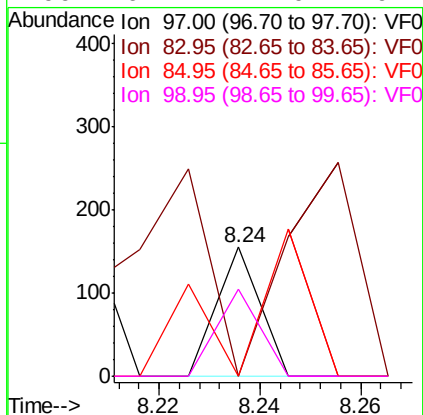
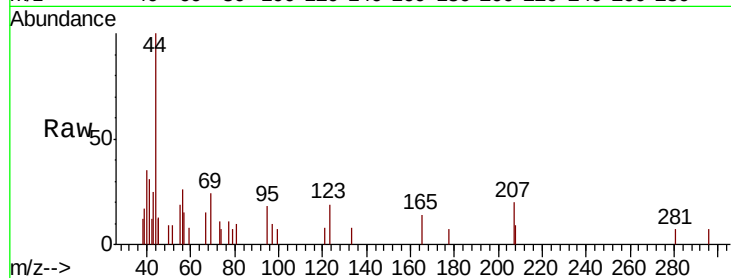
Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 92    |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 0.0   | 65.3  | 97.9# |
| 85       | 0.0   | 44.7  | 67.1# |
| 99       | 67.1  | 47.0  | 70.4  |



#56

Ethyl methacrylate

Concen: 1139.87 ug/l

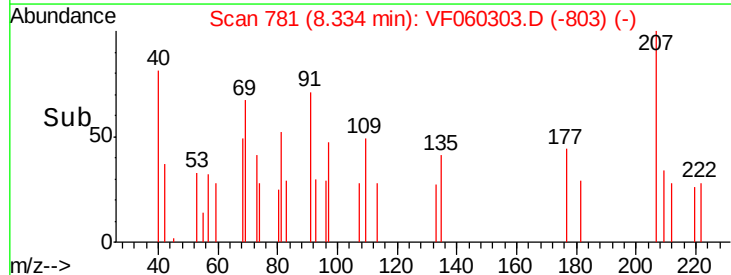
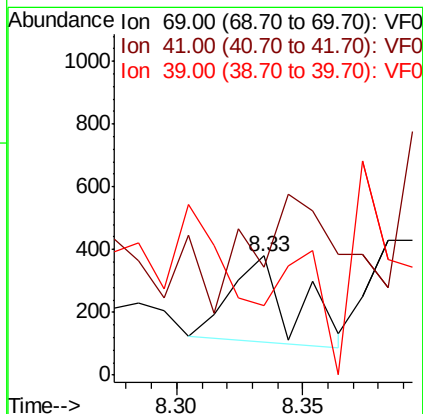
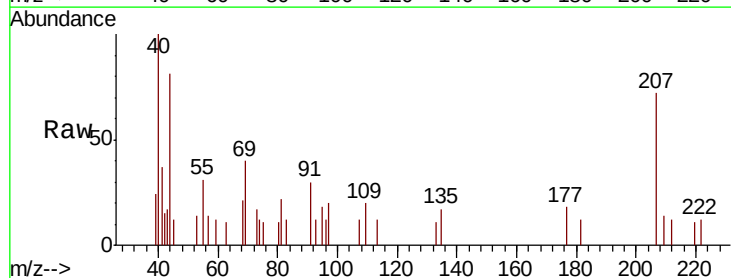
RT: 8.33 min Scan# 781

Delta R.T. -0.42 min

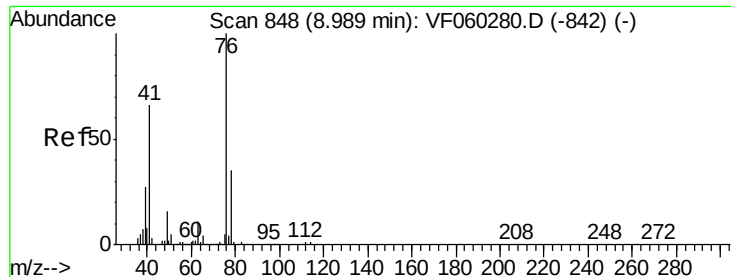
Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 471   |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 91.1  | 59.4  | 89.2# |
| 39       | 58.7  | 33.5  | 50.3# |







#57

1,3-Dichloropropane

Concen: 123.57 ug/l

RT: 8.45 min Scan# 793

Delta R.T. -0.54 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

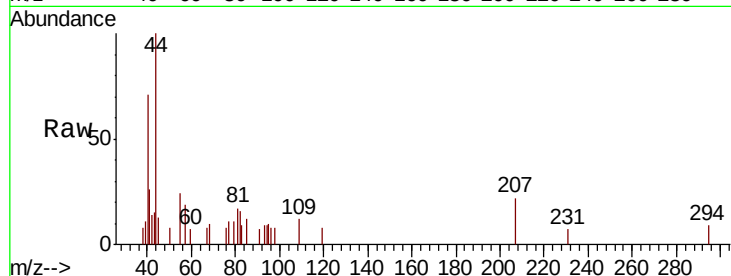
LS-SOIL-C

Tot Ion: 76 Resp: 70

Ion Ratio Lower Upper

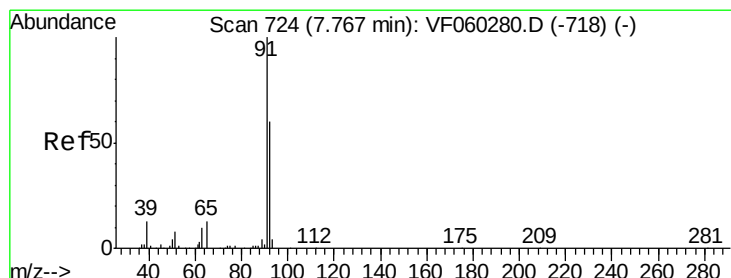
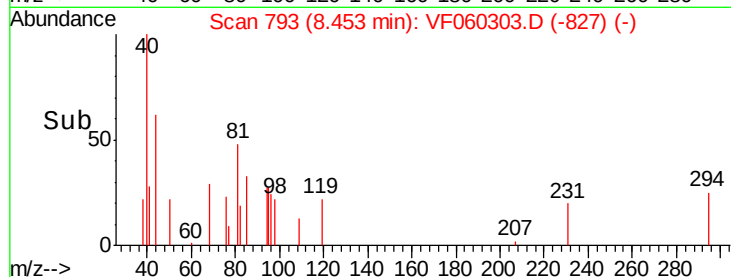
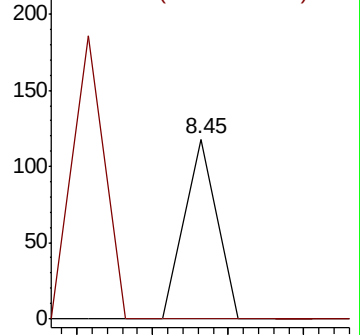
76 100

78 0.0 28.2 42.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 2162.69 ug/l

RT: 7.44 min Scan# 690

Delta R.T. -0.33 min

Lab File: VF060303.D

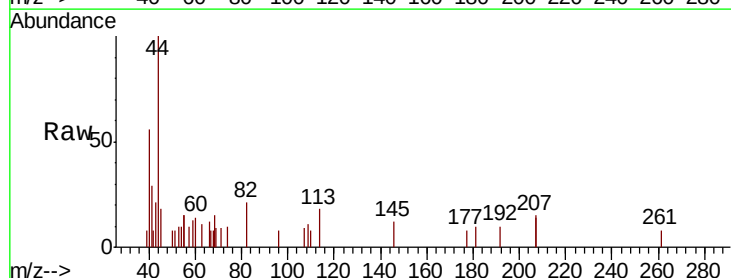
Acq: 20 Sep 2018 17:59

Tgt Ion: 63 Resp: 79

Ion Ratio Lower Upper

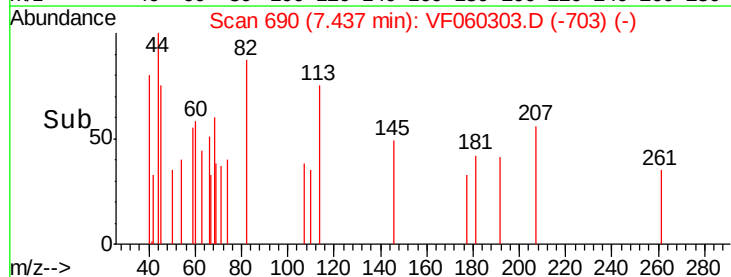
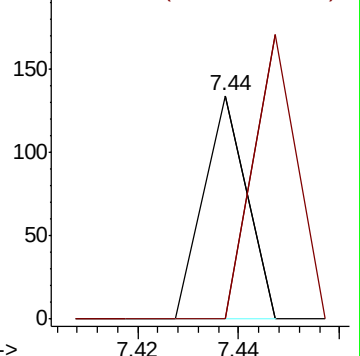
63 100

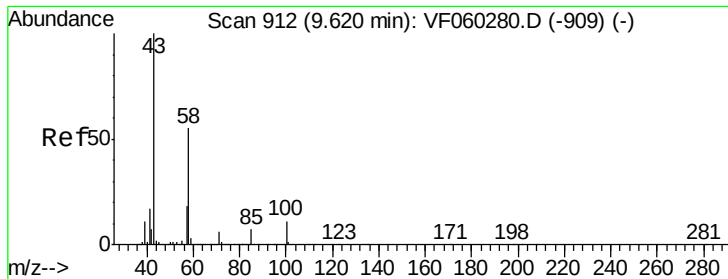
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

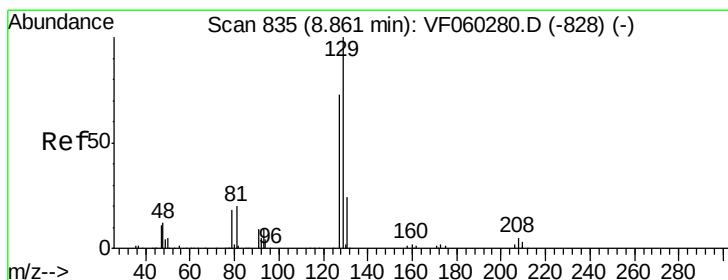
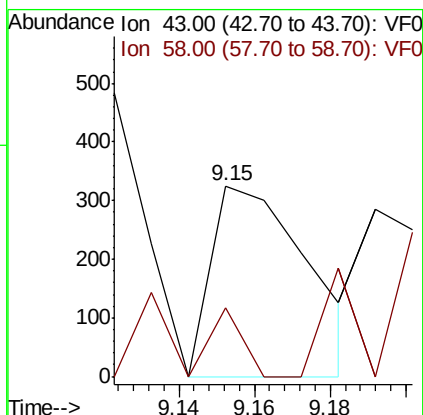
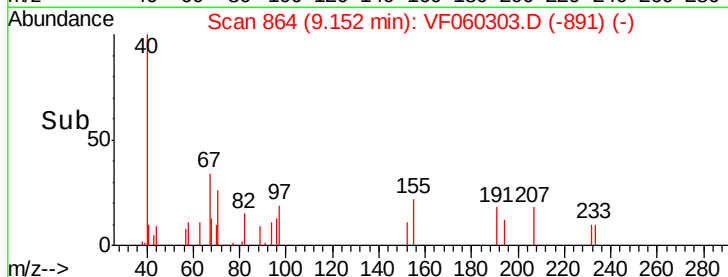
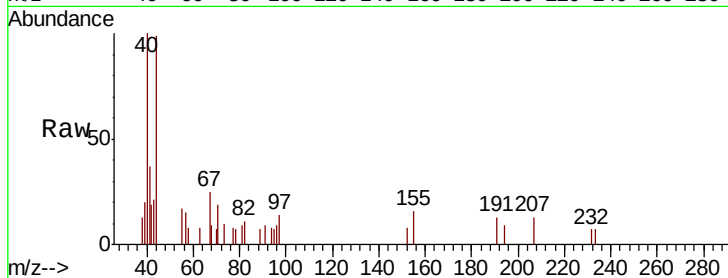




#59  
2-Hexanone  
Concen: 2585.68 ug/l  
RT: 9.15 min Scan# 864  
Delta R.T. -0.47 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

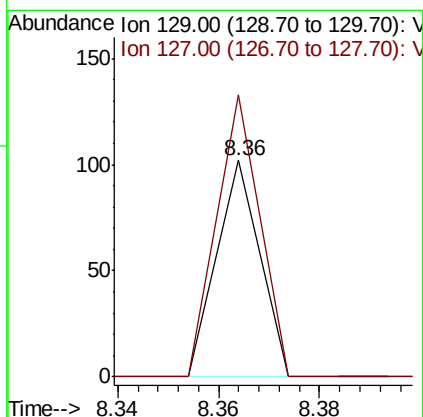
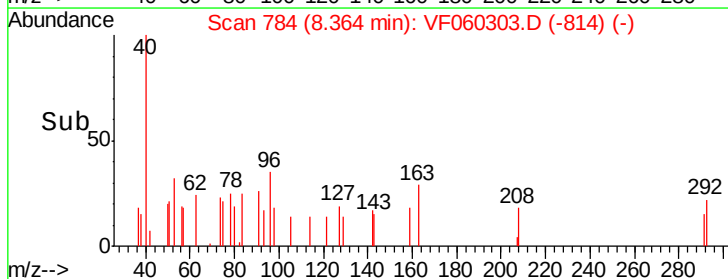
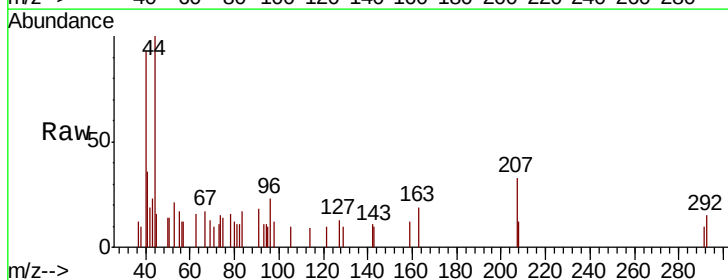
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

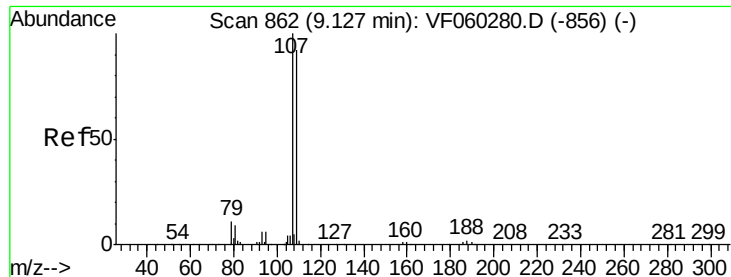
Tot Ion: 43 Resp: 568  
Ion Ratio Lower Upper  
43 100  
58 36.3 25.9 77.6



#60  
Dibromochloromethane  
Concen: 117.66 ug/l  
RT: 8.36 min Scan# 784  
Delta R.T. -0.50 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion: 129 Resp: 60  
Ion Ratio Lower Upper  
129 100  
127 130.4 36.6 109.8#





#61

1,2-Dibromoethane

Concen: 202.11 ug/l

RT: 8.67 min Scan# 815

Delta R.T. -0.46 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

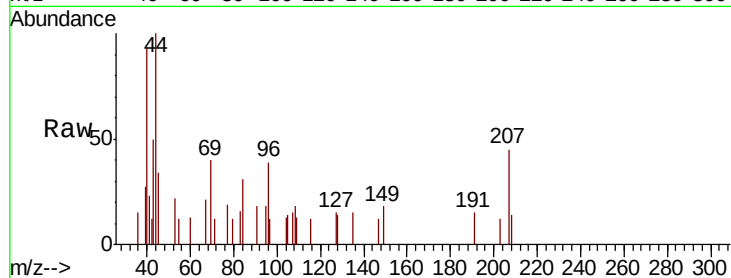
LS-SOIL-C

Tot Ion: 107 Resp: 77

Ion Ratio Lower Upper

107 100

109 84.0 73.2 109.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.67

150

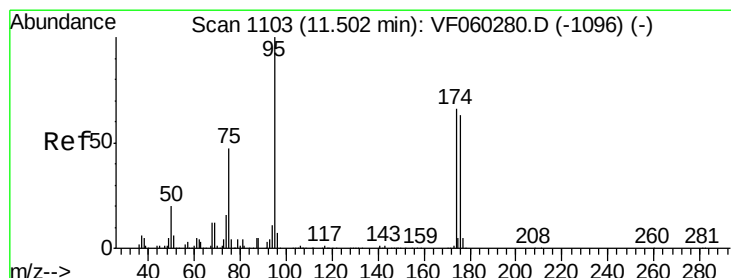
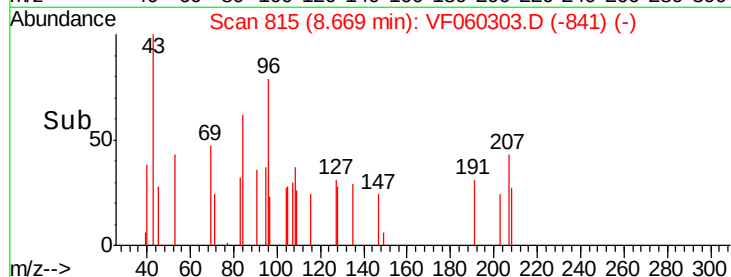
100

50

0

8.64 8.66 8.68 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 1200.56 ug/l

RT: 11.01 min Scan# 1052

Delta R.T. -0.50 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

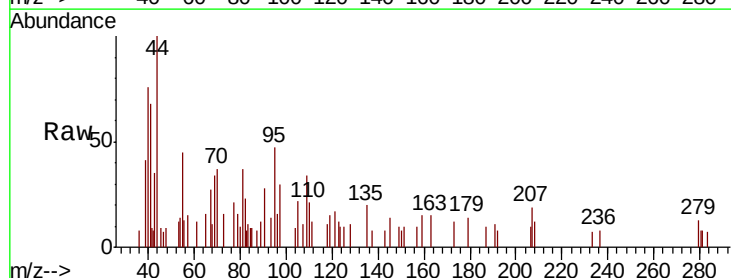
Tgt Ion: 95 Resp: 759

Ion Ratio Lower Upper

95 100

174 0.0 0.0 131.2

176 0.0 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

1000

800

600

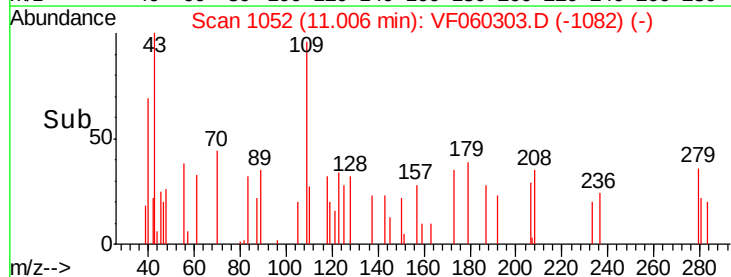
400

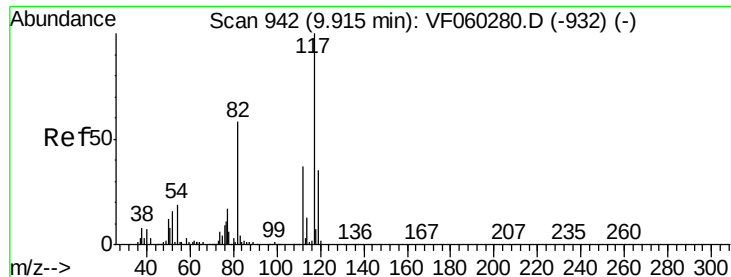
200

0

10.98 11.00 11.02

Time-->

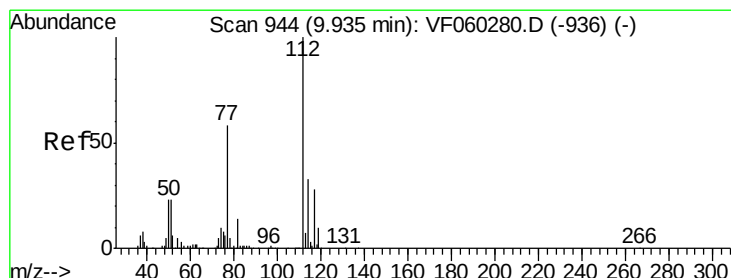
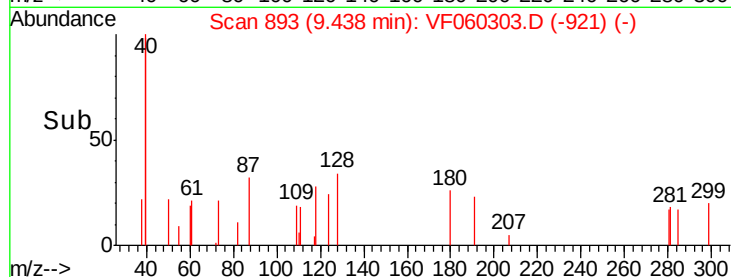
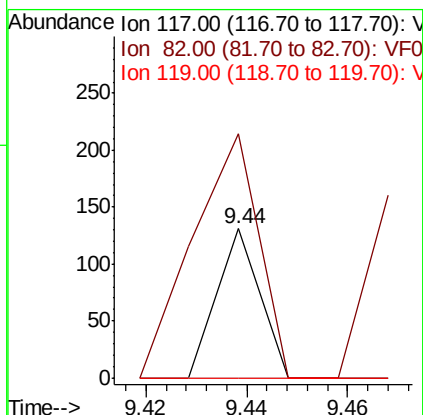
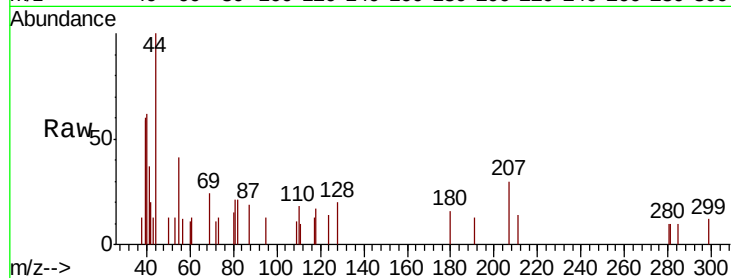




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.44 min Scan# 893  
Delta R.T. -0.48 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

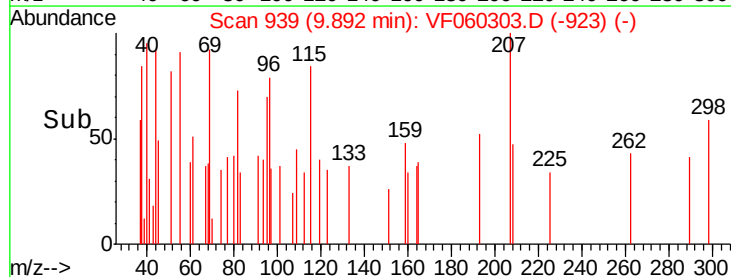
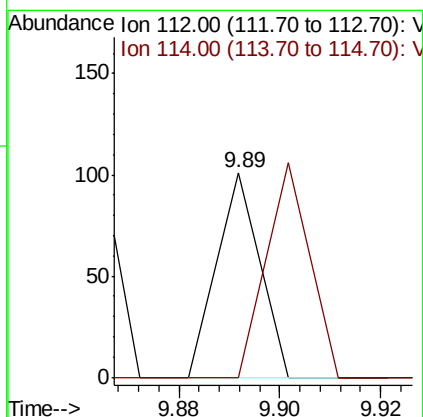
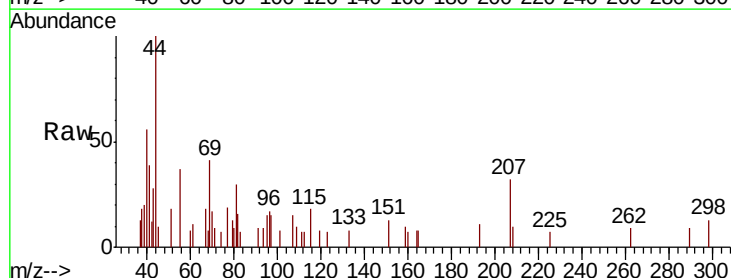
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

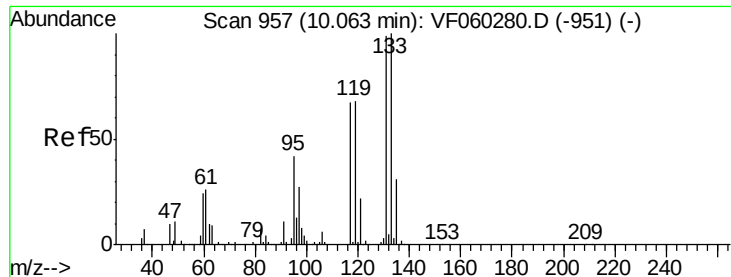
Tot Ion:117 Resp: 77  
Ion Ratio Lower Upper  
117 100  
82 163.4 46.2 69.2#  
119 0.0 27.8 41.6#



#65  
Chlorobenzene  
Concen: 34.38 ug/l  
RT: 9.89 min Scan# 939  
Delta R.T. -0.04 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion:112 Resp: 60  
Ion Ratio Lower Upper  
112 100  
114 0.0 26.6 40.0#





#66

1,1,1,2-Tetrachloroethane

Concen: 118.75 ug/l

RT: 10.05 min Scan# 955

Delta R.T. -0.01 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

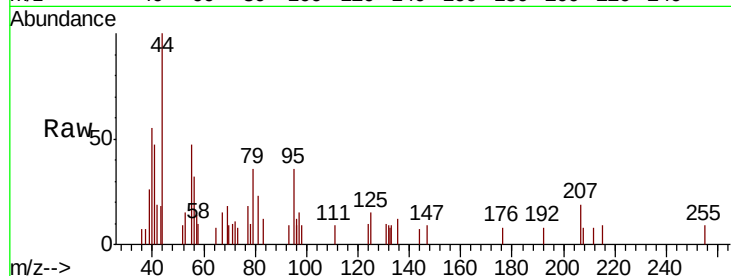
Tot Ion:131 Resp: 86

Ion Ratio Lower Upper

131 100

133 89.0 50.4 151.2

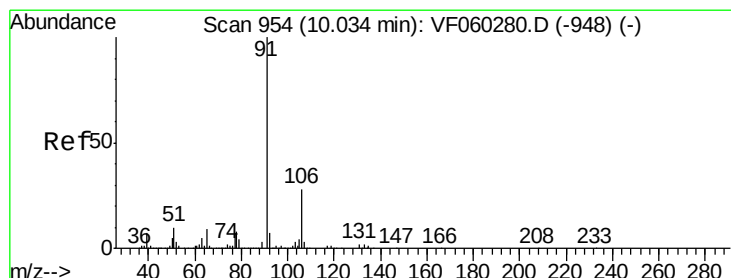
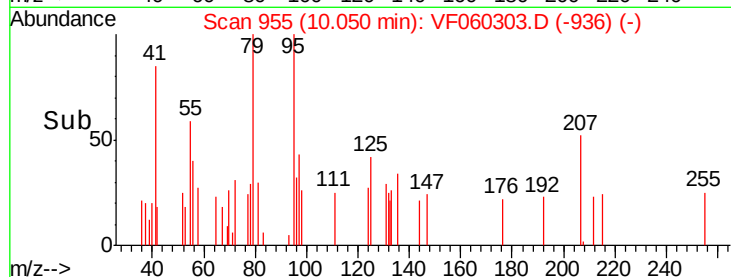
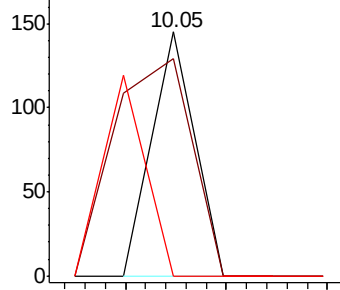
119 0.0 34.8 104.3#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 131.40 ug/l

RT: 10.02 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060303.D

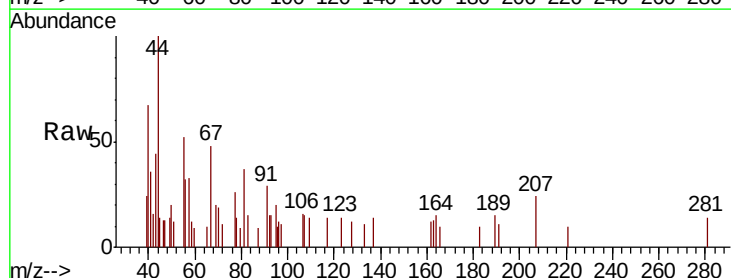
Acq: 20 Sep 2018 17:59

Tgt Ion: 91 Resp: 424

Ion Ratio Lower Upper

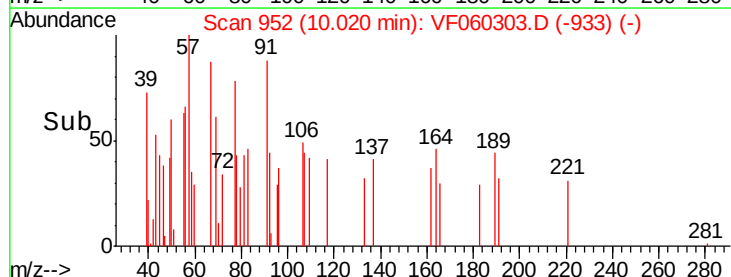
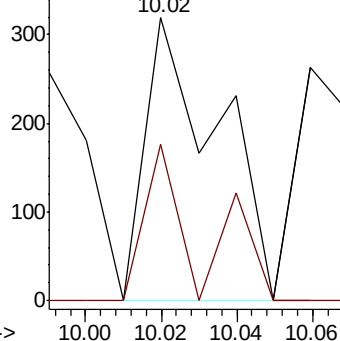
91 100

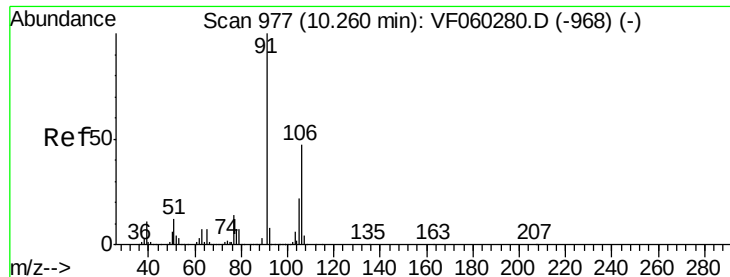
106 55.5 22.7 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

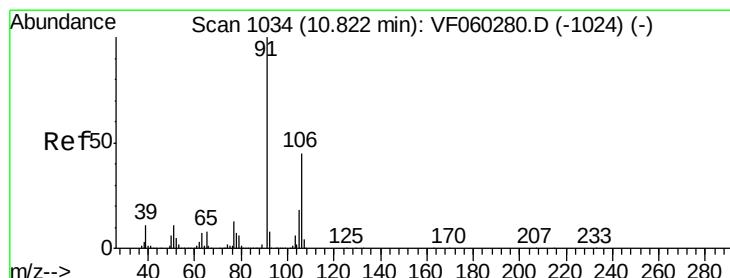
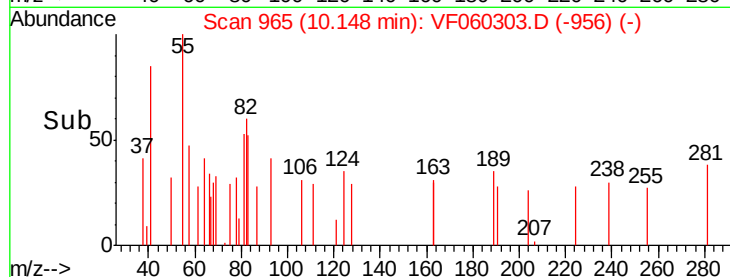
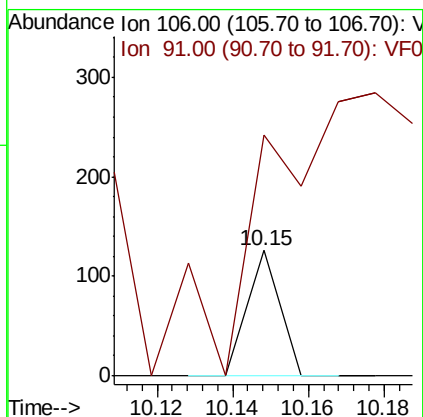
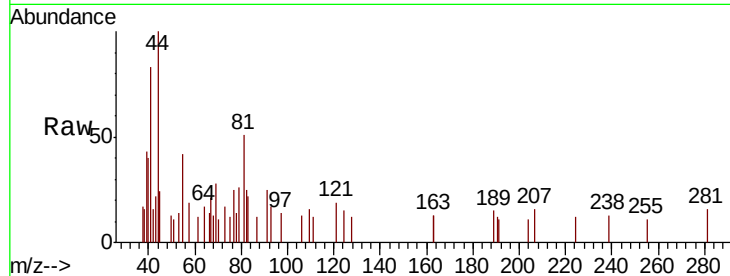




#68  
m/p-Xylenes  
Concen: 67.28 ug/l  
RT: 10.15 min Scan# 965  
Delta R.T. -0.11 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

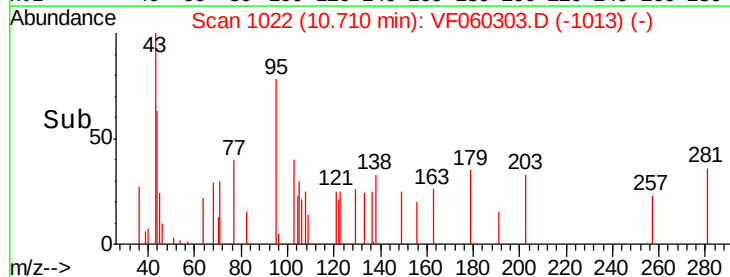
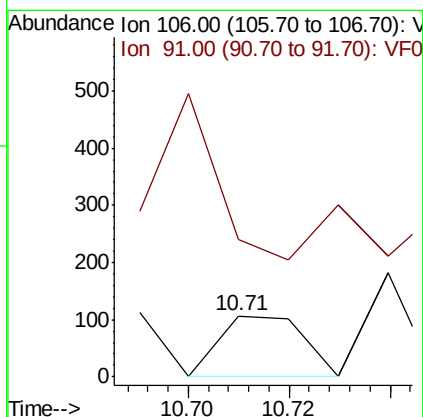
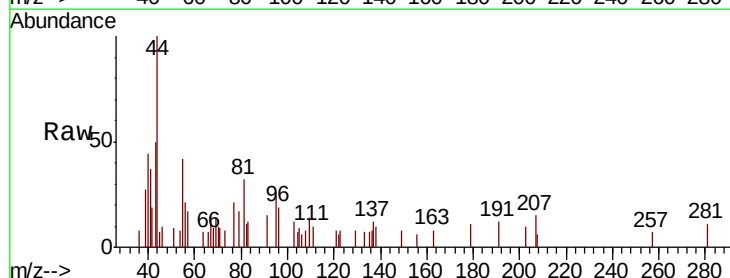
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

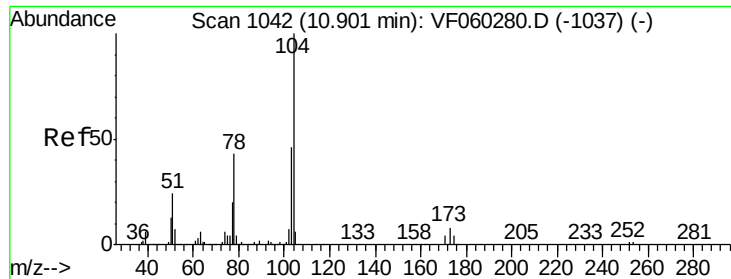
Tot Ion:106 Resp: 75  
Ion Ratio Lower Upper  
106 100  
91 192.1 172.3 258.5



#69  
o-Xylene  
Concen: 97.57 ug/l  
RT: 10.71 min Scan# 1022  
Delta R.T. -0.11 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion:106 Resp: 122  
Ion Ratio Lower Upper  
106 100  
91 226.4 110.9 332.6





#70

Stvrene

Concen: 110.02 ug/l

RT: 10.87 min Scan# 1038

Delta R.T. -0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

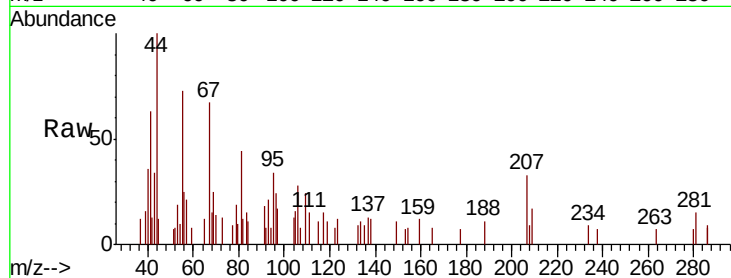
Tot Ion:104 Resp: 194

Ion Ratio Lower Upper

104 100

78 0.0 35.0 52.6#

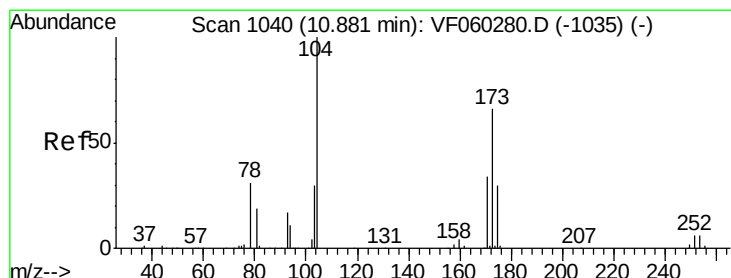
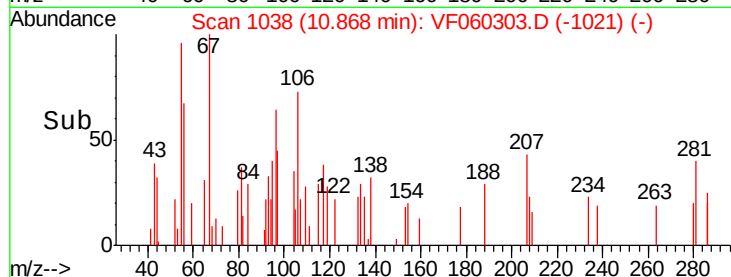
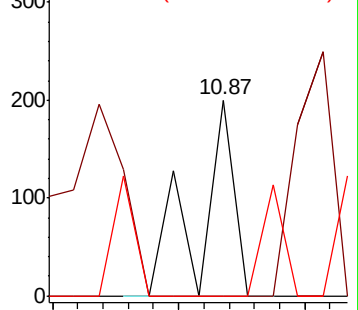
103 0.0 37.4 56.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 168.45 ug/l

RT: 10.91 min Scan# 1042

Delta R.T. 0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

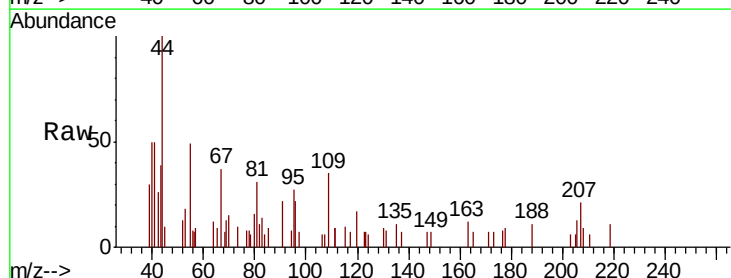
Tgt Ion:173 Resp: 67

Ion Ratio Lower Upper

173 100

175 0.0 22.3 66.9#

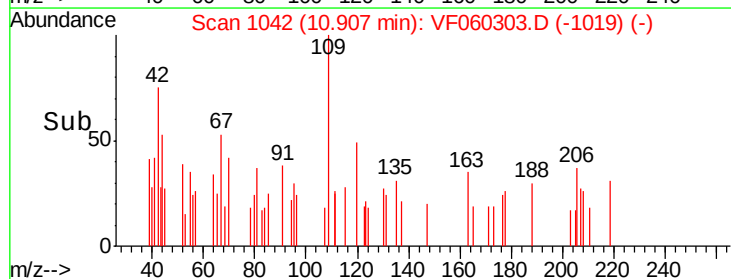
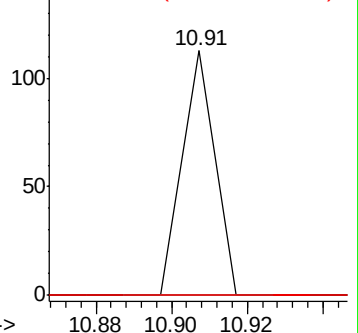
254 0.0 0.0 0.0

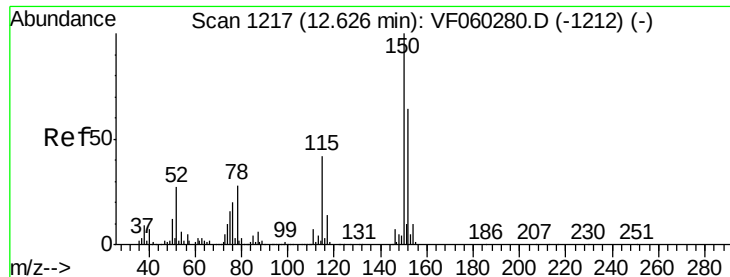


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.65 min Scan# 1219

Delta R.T. 0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

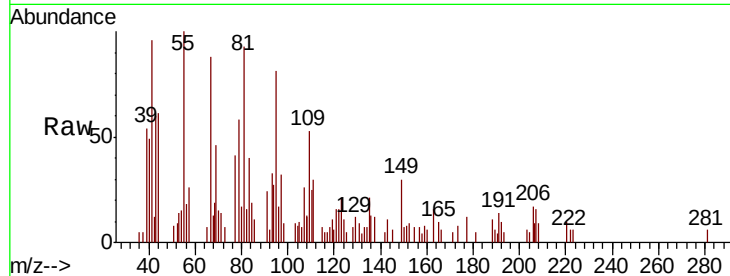
Tot Ion:152 Resp: 428

Ion Ratio Lower Upper

152 100

115 82.6 32.6 97.8

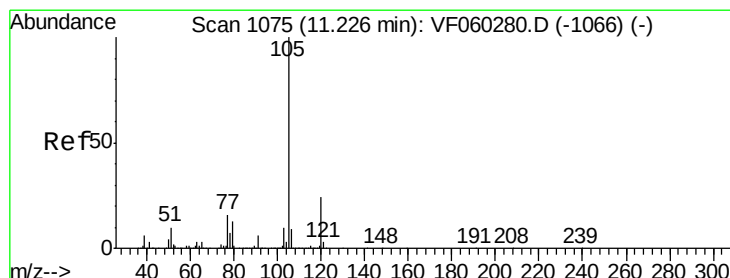
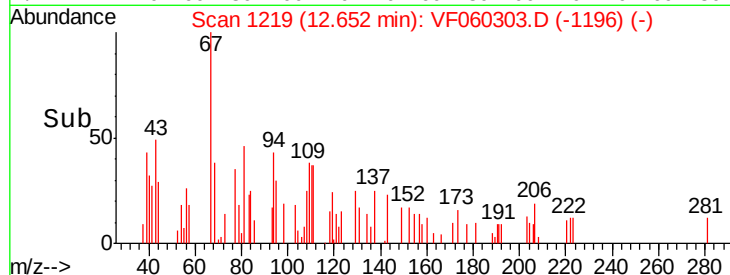
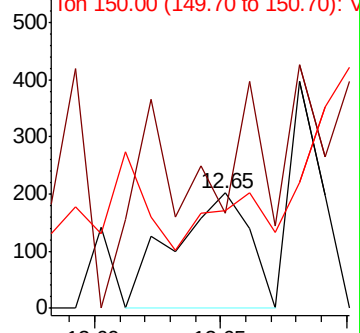
150 85.1 0.0 314.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#73

Isopropylbenzene

Concen: 17.05 ug/l

RT: 11.21 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VF060303.D

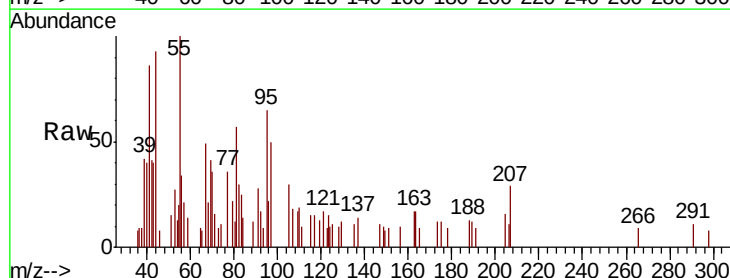
Acq: 20 Sep 2018 17:59

Tgt Ion:105 Resp: 655

Ion Ratio Lower Upper

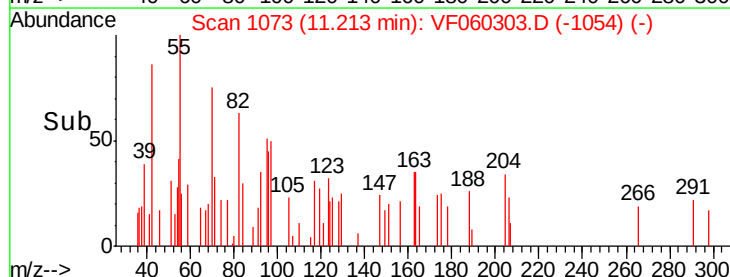
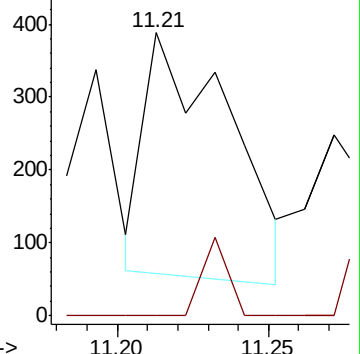
105 100

120 0.0 12.2 36.6#

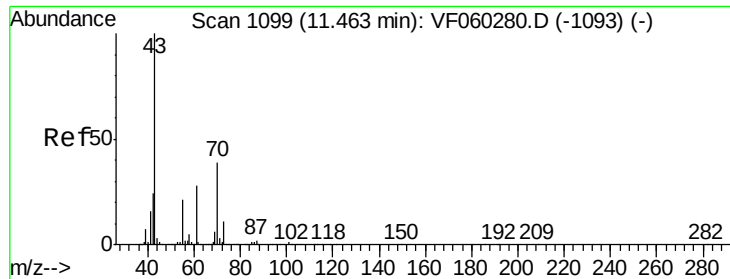


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V







#74

N-amvl acetate

Concen: 103.38 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.05 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

Tot Ion: 43 Resp: 847

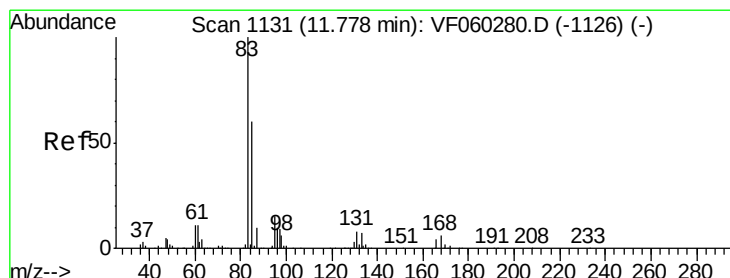
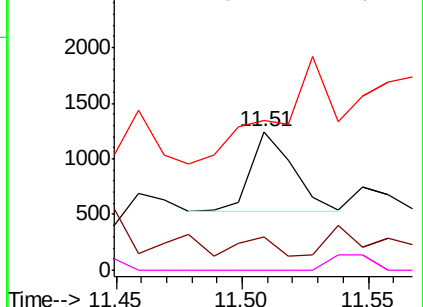
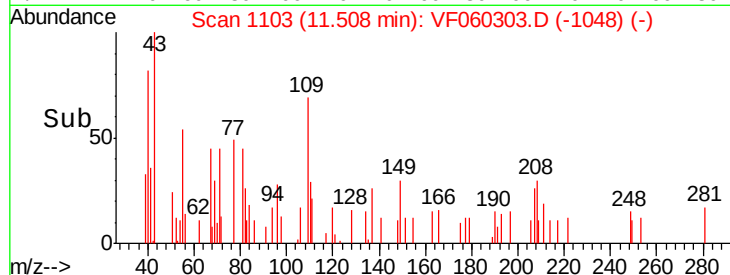
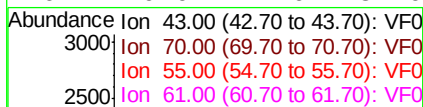
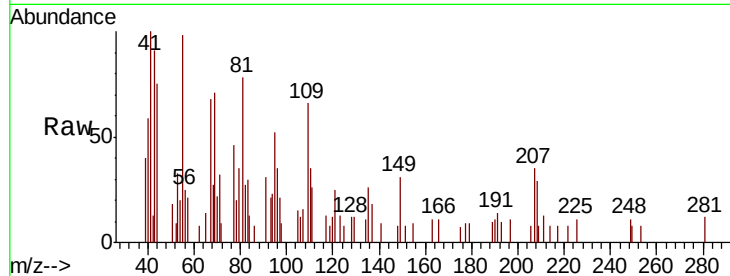
Ion Ratio Lower Upper

43 100

70 24.4 31.4 47.2#

55 107.6 16.8 25.2#

61 0.0 22.6 34.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 145.68 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

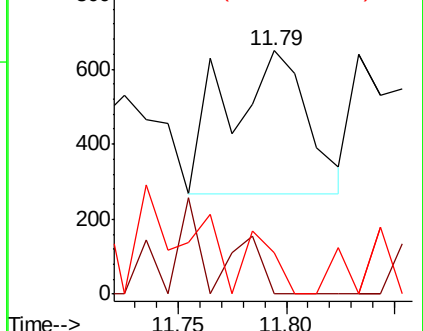
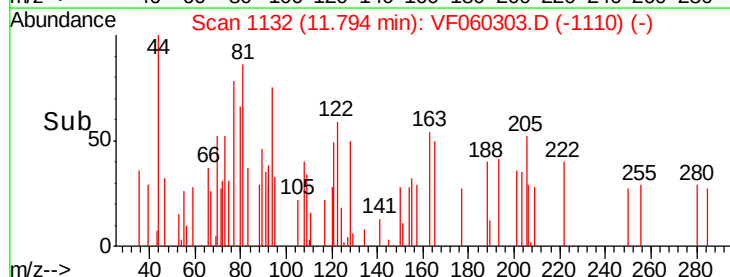
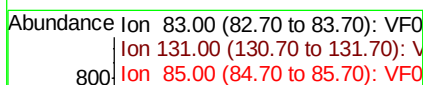
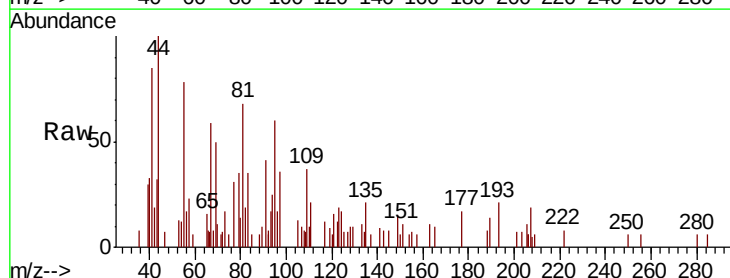
Tgt Ion: 83 Resp: 992

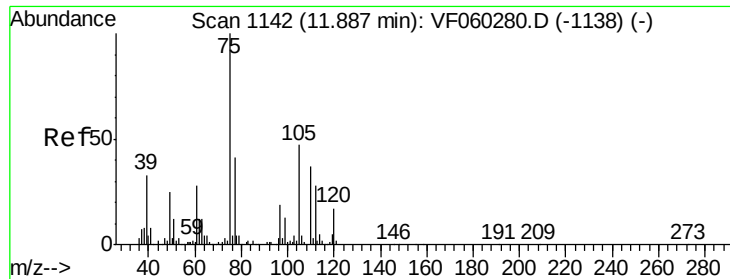
Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

85 17.3 30.1 90.5#





#76

1,2,3-Trichloropropane

Concen: 35.07 ug/l

RT: 11.74 min Scan# 1127

Delta R.T. -0.14 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

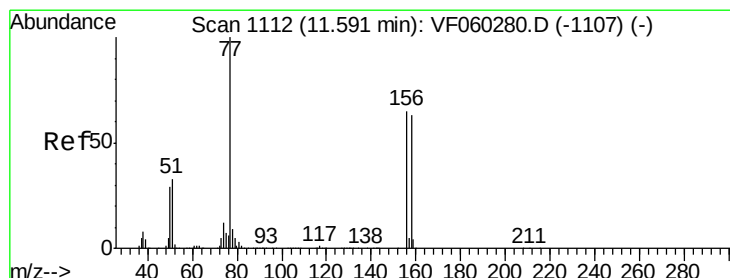
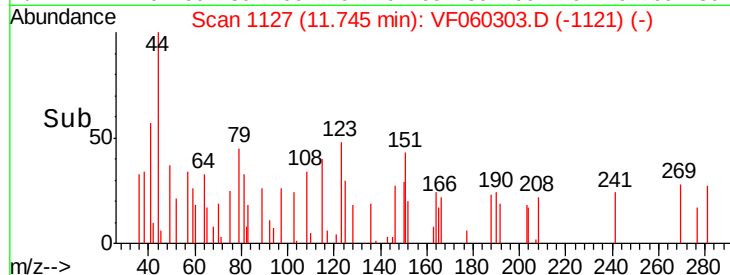
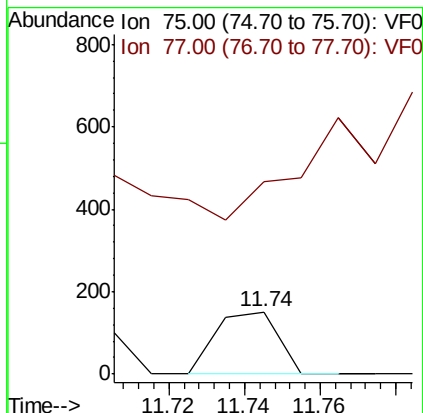
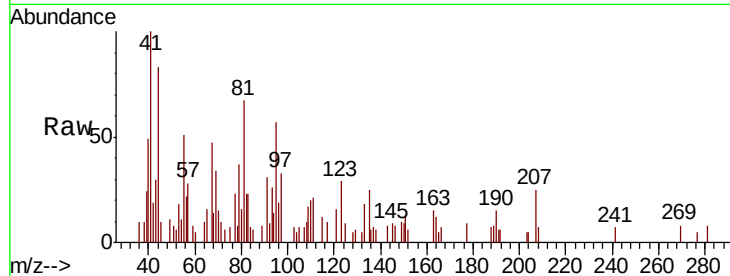
LS-SOIL-C

Tot Ion: 75 Resp: 171

Ion Ratio Lower Upper

75 100

77 310.7 20.5 61.5#



#77

Bromobenzene

Concen: 9.54 ug/l

RT: 11.68 min Scan# 1120

Delta R.T. 0.08 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

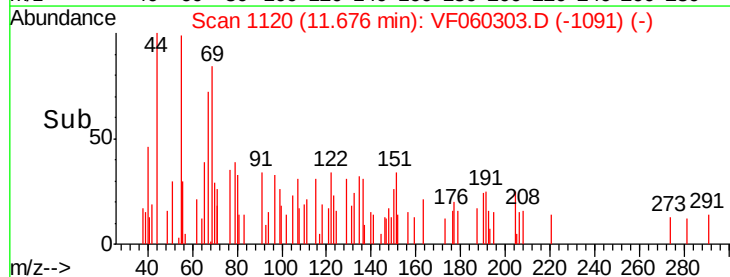
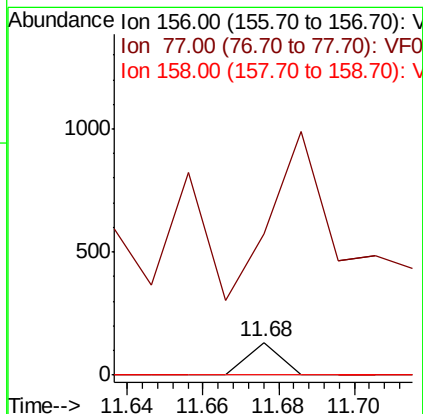
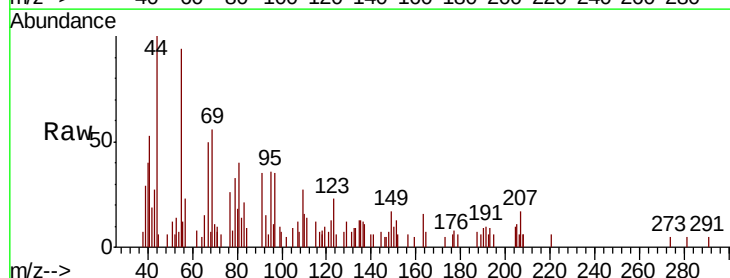
Tgt Ion: 156 Resp: 79

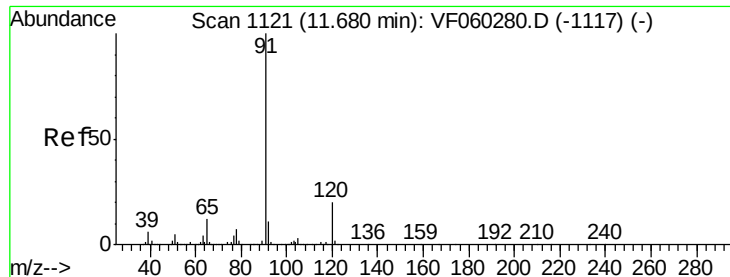
Ion Ratio Lower Upper

156 100

77 429.1 77.3 232.1#

158 0.0 48.4 145.2#

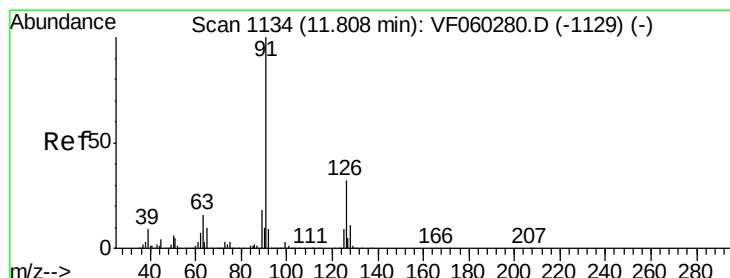
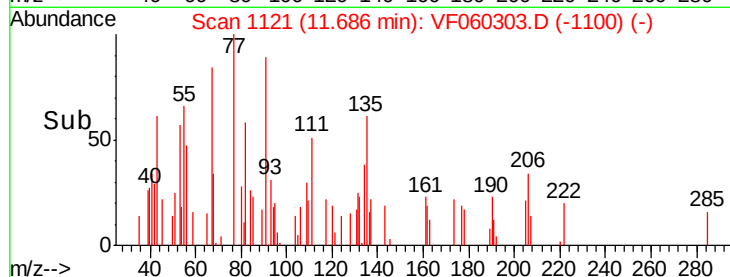
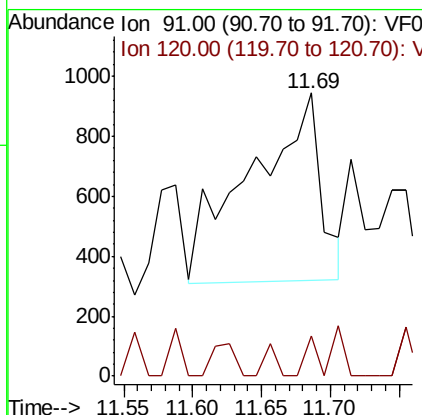
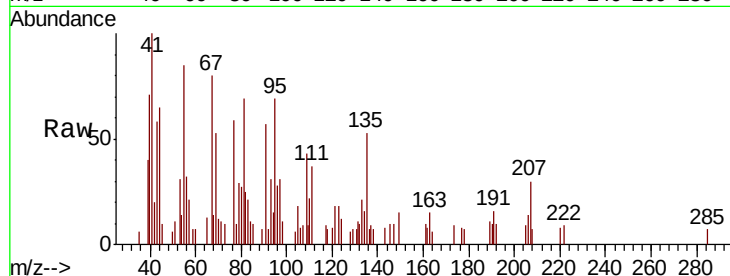




#78  
n-propylbenzene  
Concen: 60.77 ug/l  
RT: 11.69 min Scan# 1121  
Delta R.T. 0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

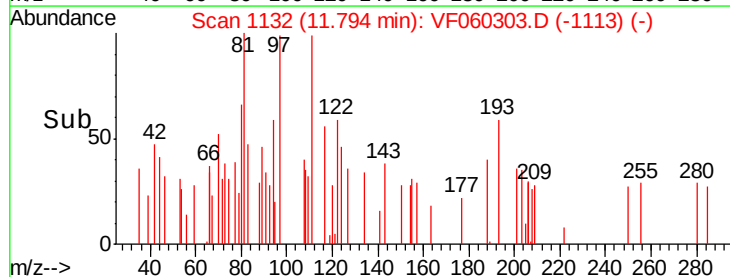
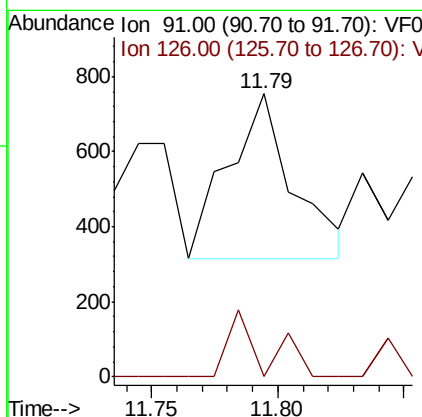
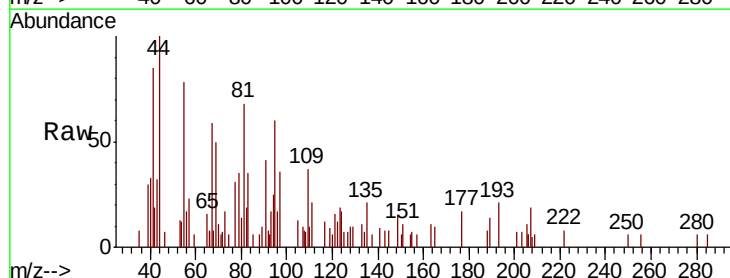
Instrument :  
MSVOA\_F  
ClientSampleId :  
LS-SOIL-C

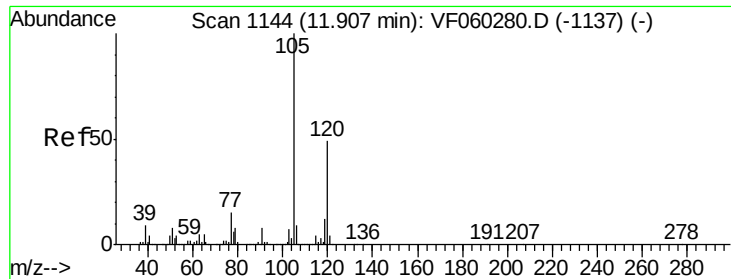
Tot Ion: 91 Resp: 2233  
Ion Ratio Lower Upper  
91 100  
120 14.2 10.0 29.8



#79  
2-Chlorotoluene  
Concen: 30.36 ug/l  
RT: 11.79 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: VF060303.D  
Acq: 20 Sep 2018 17:59

Tgt Ion: 91 Resp: 787  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 20.30 ug/l

RT: 11.97 min Scan# 1150

Delta R.T. 0.07 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

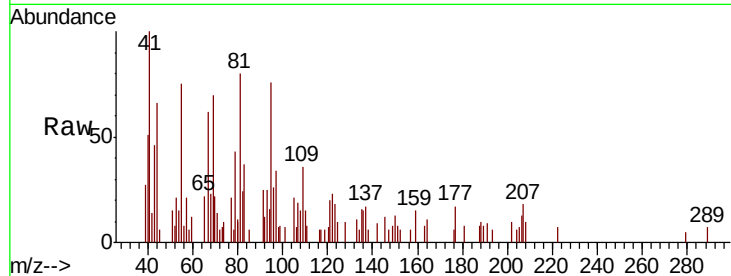
LS-SOIL-C

Tot Ion:105 Resp: 628

Ion Ratio Lower Upper

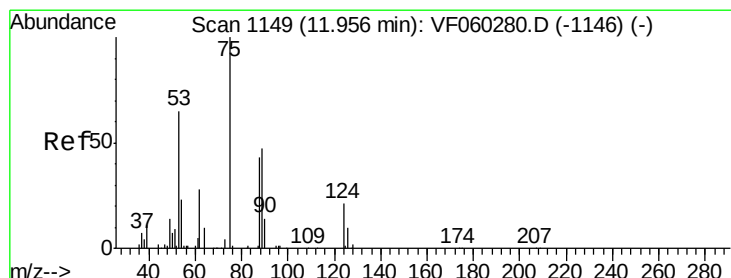
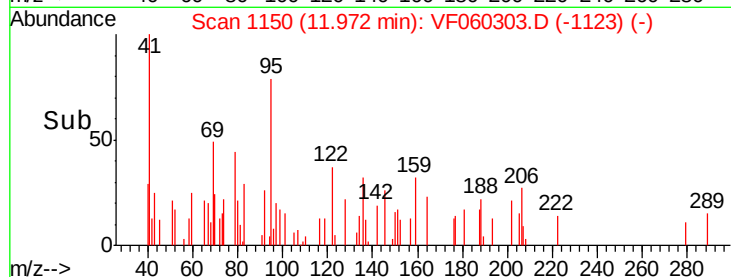
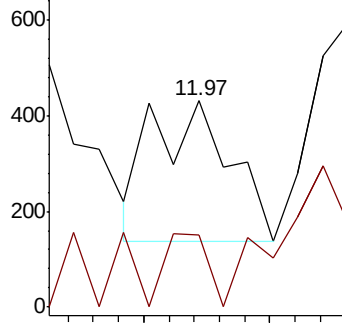
105 100

120 34.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 32.99 ug/l

RT: 12.04 min Scan# 1157

Delta R.T. 0.08 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

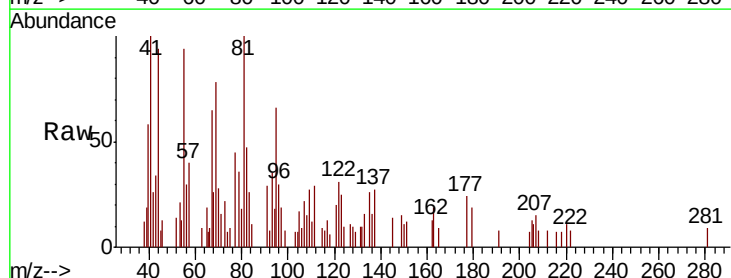
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

53 234.7 56.5 84.7#

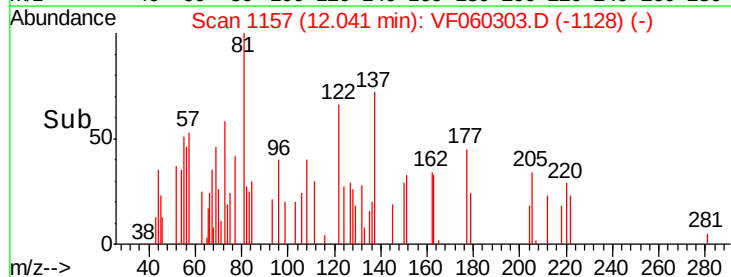
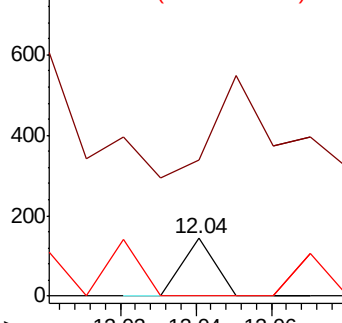
89 0.0 40.6 60.8#

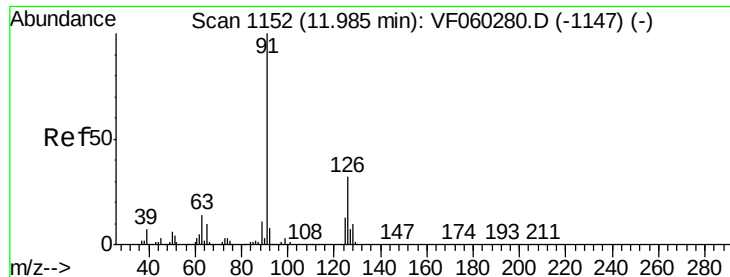


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0





#82

4-Chlorotoluene

Concen: 26.72 ug/l

RT: 11.98 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

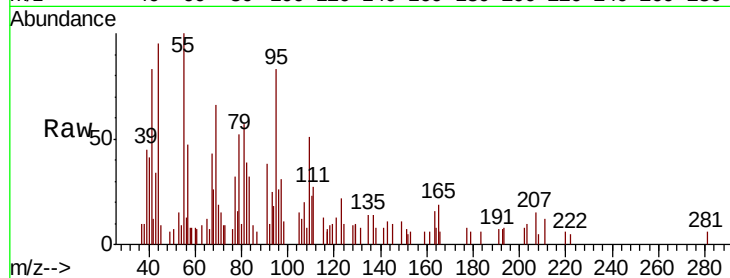
LS-SOIL-C

Tot Ion: 91 Resp: 696

Ion Ratio Lower Upper

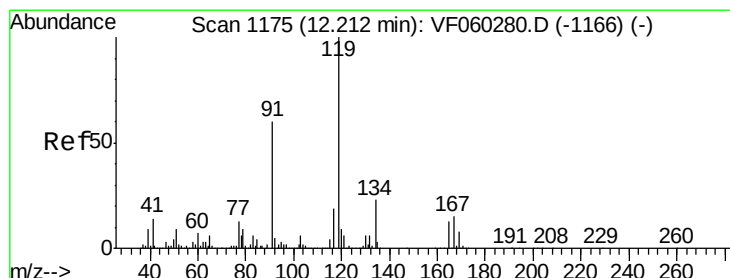
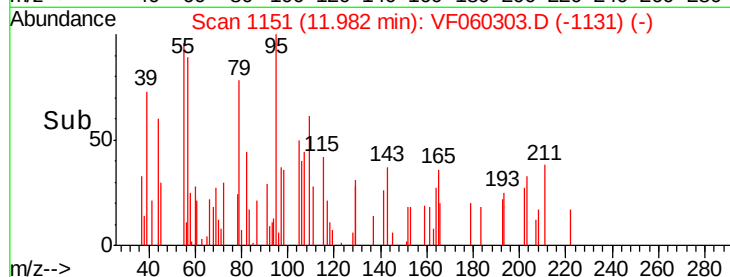
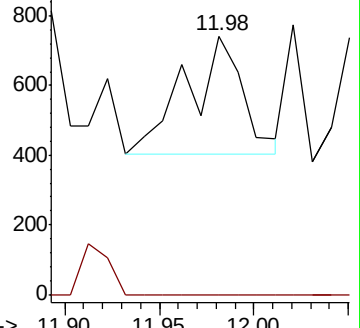
91 100

126 0.0 16.1 48.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#83

tert-Butylbenzene

Concen: 42.83 ug/l

RT: 12.19 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

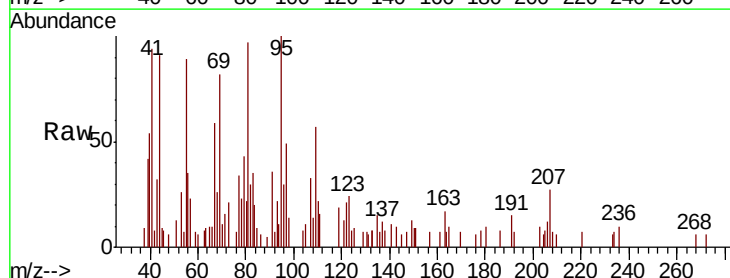
Tgt Ion: 119 Resp: 1343

Ion Ratio Lower Upper

119 100

91 191.7 30.3 91.0#

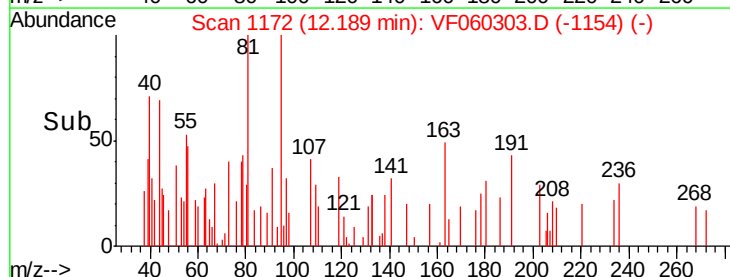
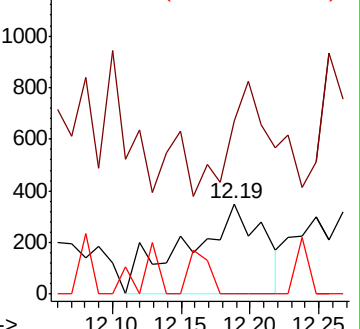
134 0.0 11.6 34.8#

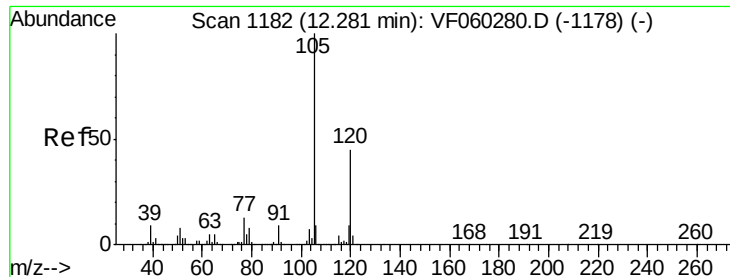


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

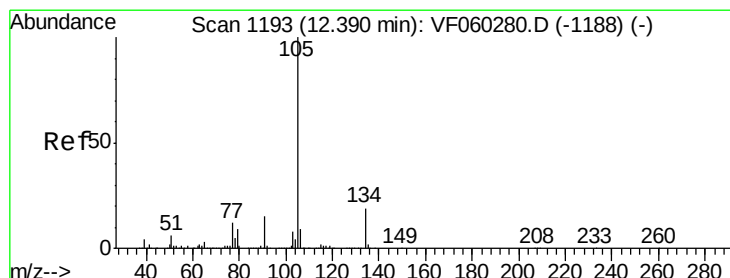
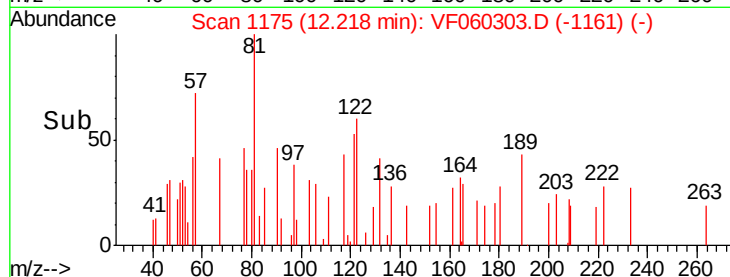
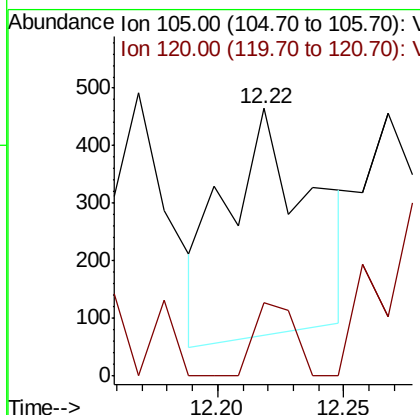
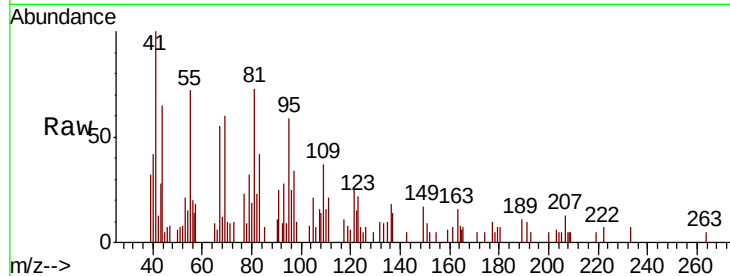




#84  
 1,2,4-Trimethylbenzene  
 Concen: 29.48 ug/l  
 RT: 12.22 min Scan# 1175  
 Delta R.T. -0.06 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

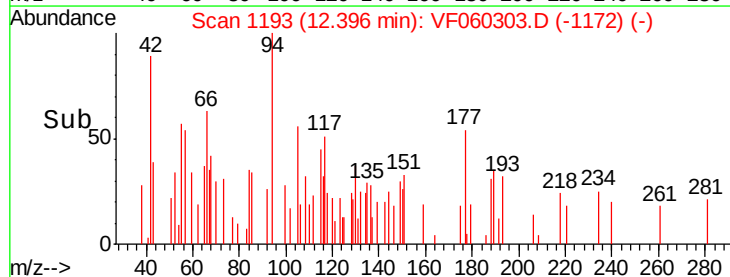
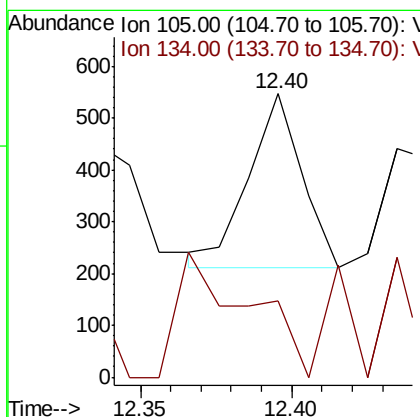
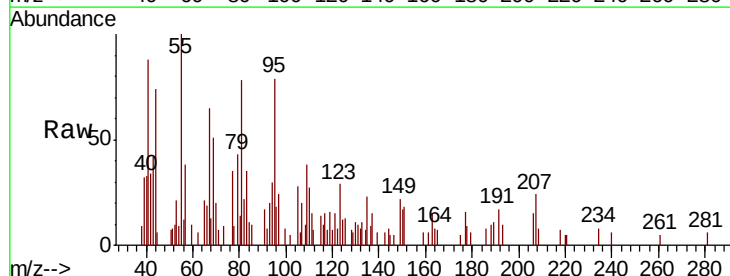
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

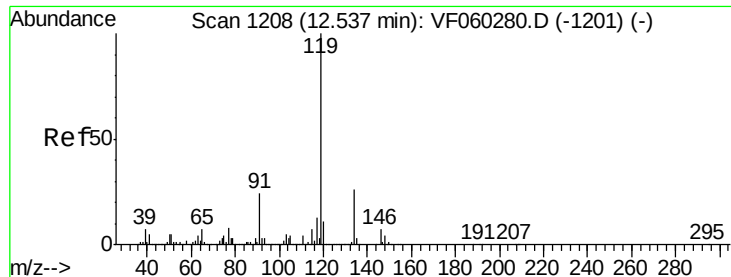
Tot Ion:105 Resp: 926  
 Ion Ratio Lower Upper  
 105 100  
 120 27.5 22.4 67.0



#85  
 sec-Butylbenzene  
 Concen: 3.28 ug/l  
 RT: 12.40 min Scan# 1193  
 Delta R.T. 0.01 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion:105 Resp: 405  
 Ion Ratio Lower Upper  
 105 100  
 134 26.7 9.6 28.6

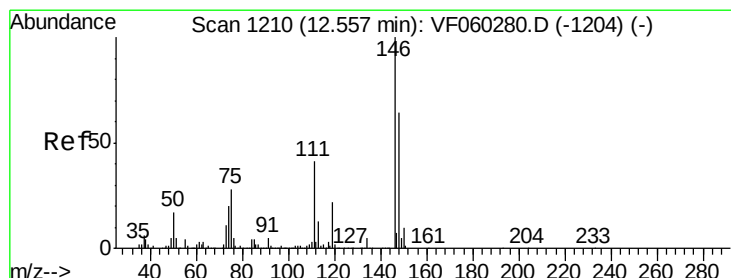
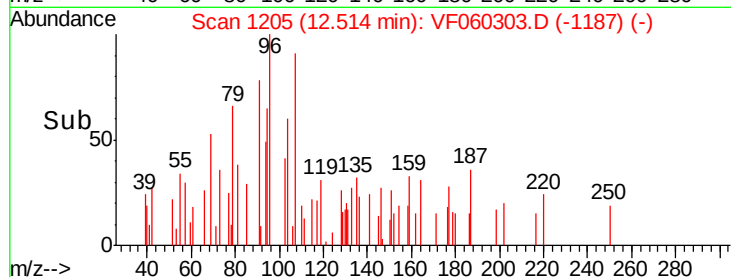
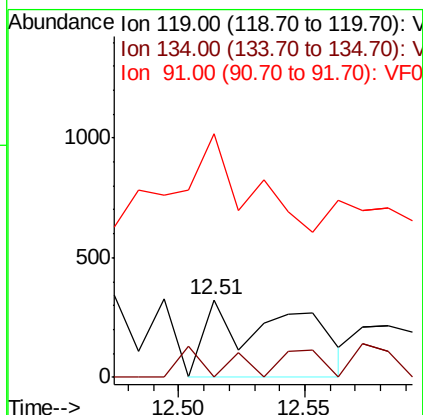
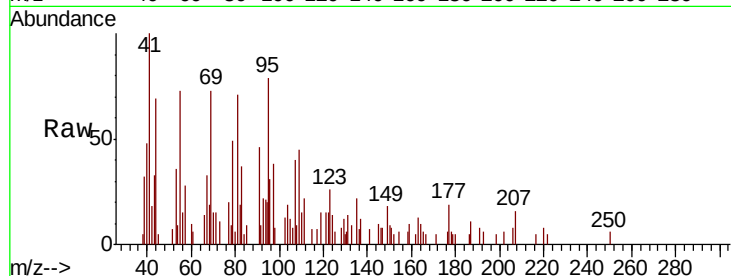




#86  
 p-Isopropyltoluene  
 Concen: 22.52 ug/l  
 RT: 12.51 min Scan# 1205  
 Delta R.T. -0.02 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

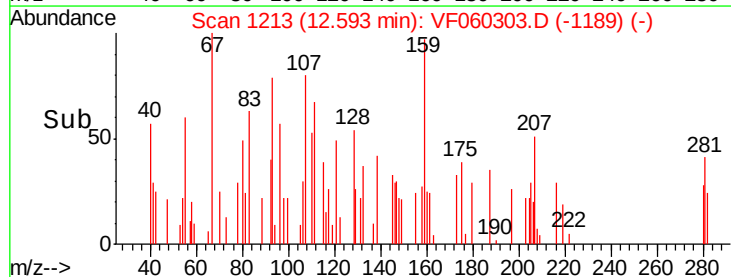
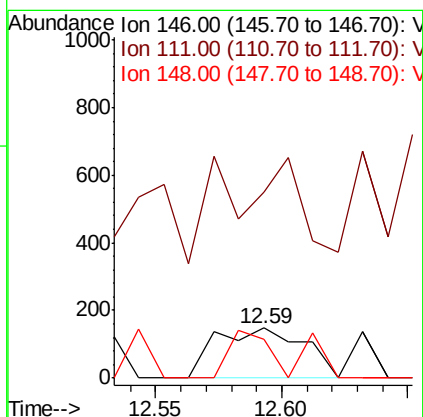
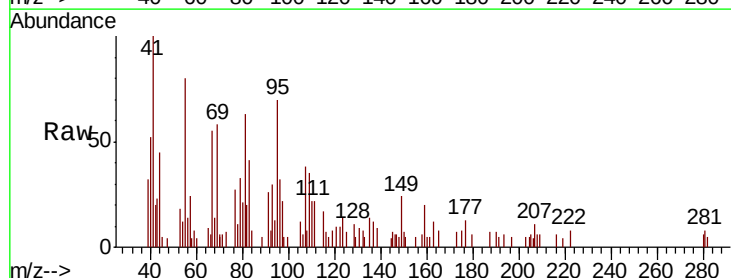
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

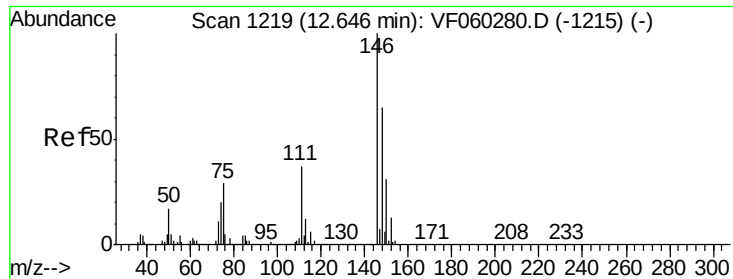
Tot Ion:119 Resp: 784  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 12.9 38.7#  
 91 313.2 11.9 35.7#



#87  
 1,3-Dichlorobenzene  
 Concen: 23.27 ug/l  
 RT: 12.59 min Scan# 1213  
 Delta R.T. 0.04 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion:146 Resp: 360  
 Ion Ratio Lower Upper  
 146 100  
 111 370.9 20.5 61.6#  
 148 77.7 32.2 96.6

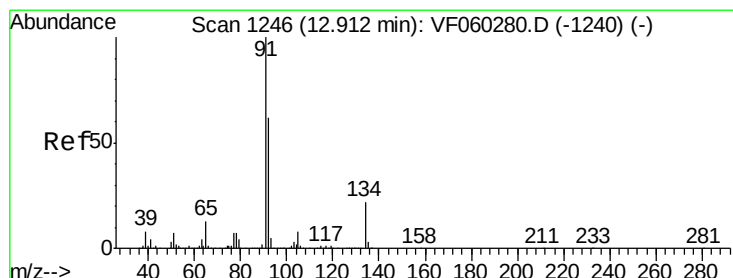
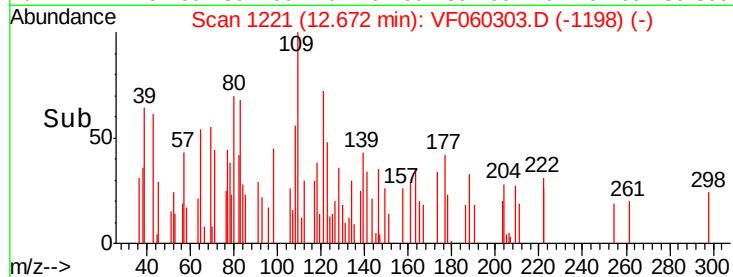
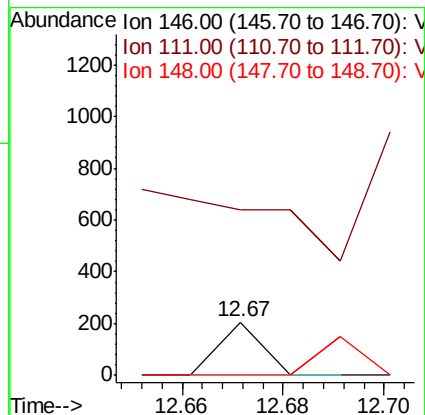
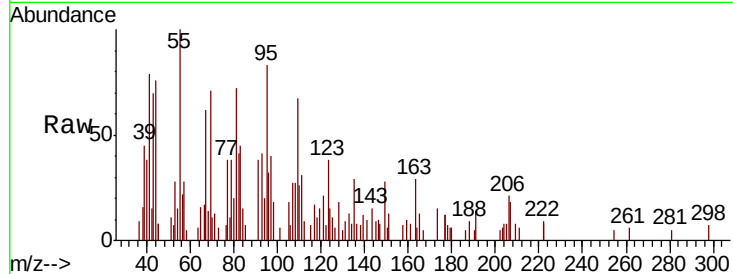




#88  
 1,4-Dichlorobenzene  
 Concen: 7.98 ug/l  
 RT: 12.67 min Scan# 1221  
 Delta R.T. 0.03 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

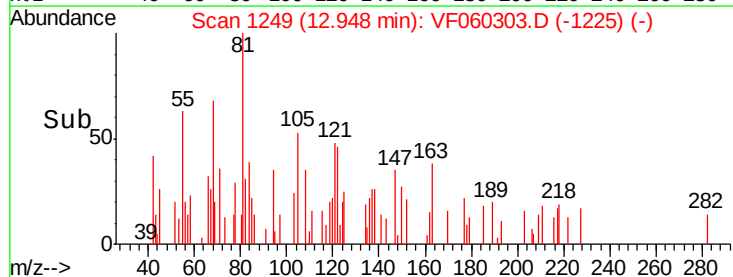
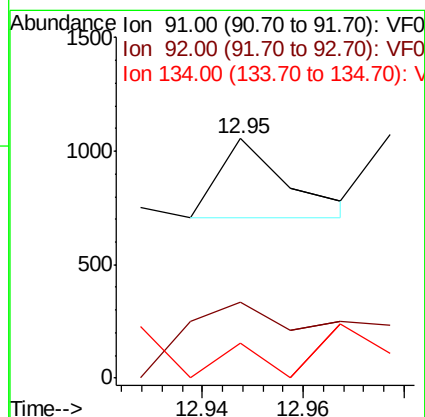
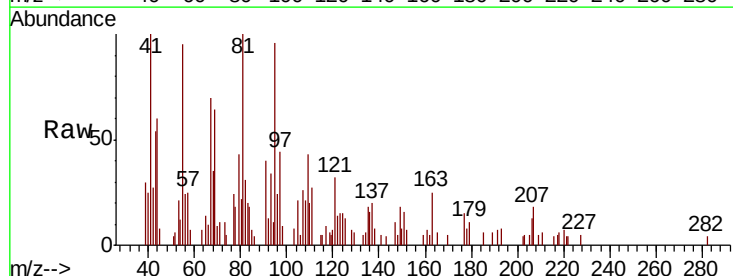
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LS-SOIL-C

Tot Ion:146 Resp: 122  
 Ion Ratio Lower Upper  
 146 100  
 111 310.2 18.7 56.1#  
 148 0.0 32.4 97.0#

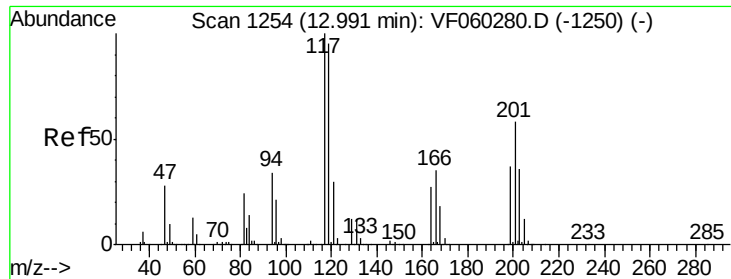


#89  
 n-Butylbenzene  
 Concen: 5.66 ug/l  
 RT: 12.95 min Scan# 1249  
 Delta R.T. 0.04 min  
 Lab File: VF060303.D  
 Acq: 20 Sep 2018 17:59

Tgt Ion: 91 Resp: 326  
 Ion Ratio Lower Upper  
 91 100  
 92 31.6 31.1 93.5  
 134 14.9 11.0 33.0







#90

Hexachloroethane

Concen: 53.11 ug/l

RT: 12.97 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

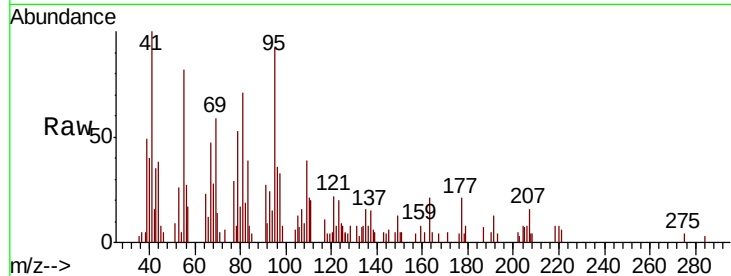
LS-SOIL-C

Tot Ion:117 Resp: 466

Ion Ratio Lower Upper

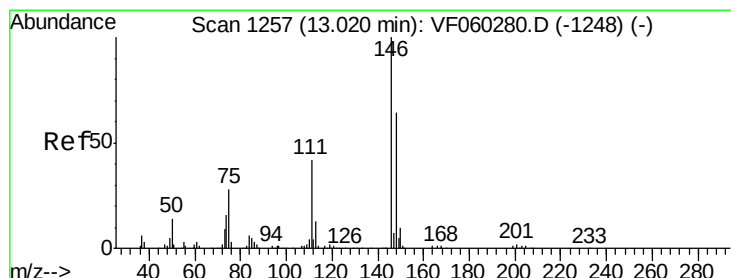
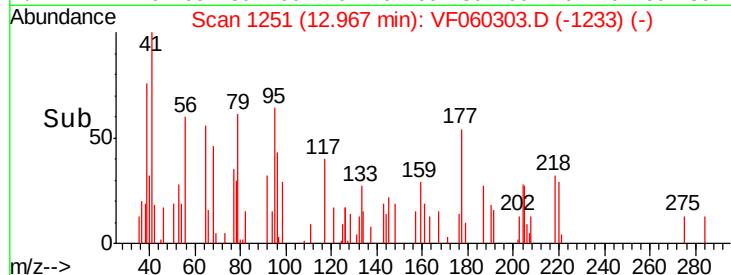
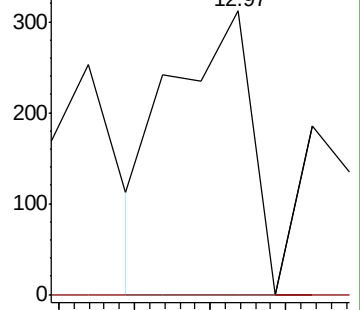
117 100

201 0.0 29.0 87.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#91

1,2-Dichlorobenzene

Concen: 22.97 ug/l

RT: 12.99 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

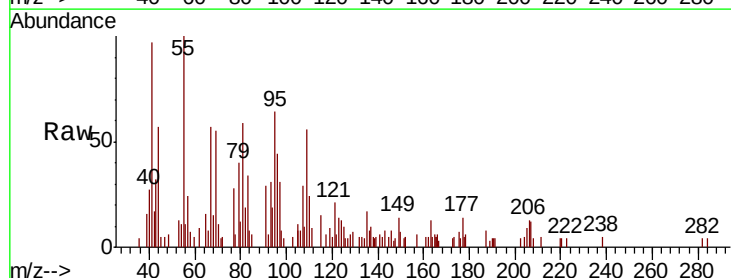
Tgt Ion:146 Resp: 339

Ion Ratio Lower Upper

146 100

111 104.7 20.9 62.8#

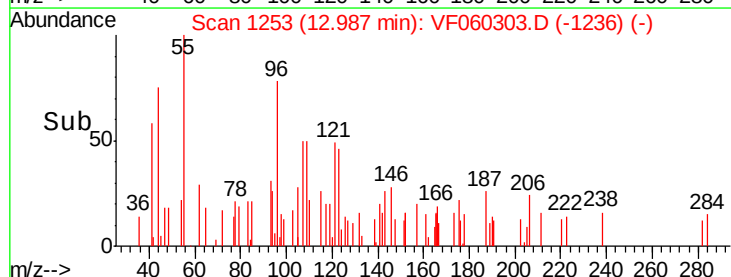
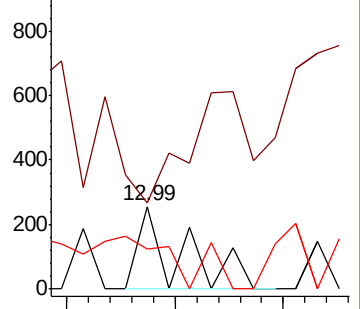
148 48.0 31.9 95.9

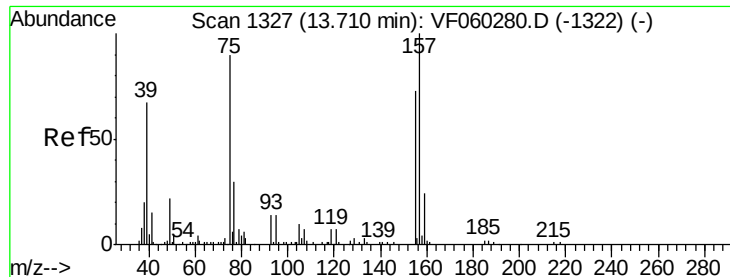


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 220.58 ug/l

RT: 13.75 min Scan# 1330

Delta R.T. 0.04 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampled :

LS-SOIL-C

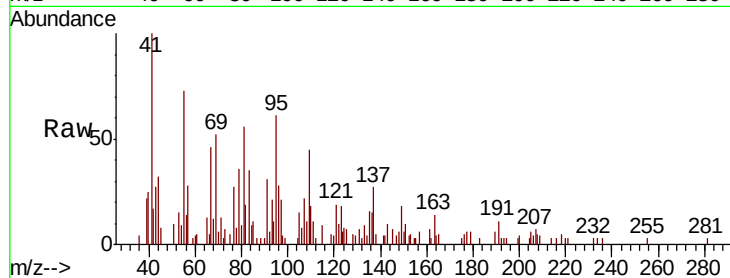
Tot Ion: 75 Resp: 282

Ion Ratio Lower Upper

75 100

155 49.5 41.9 125.7

157 121.0 57.4 172.0

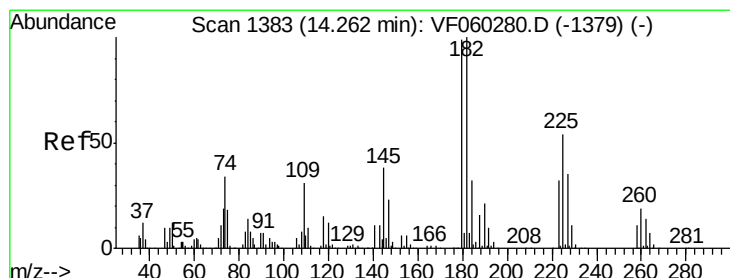
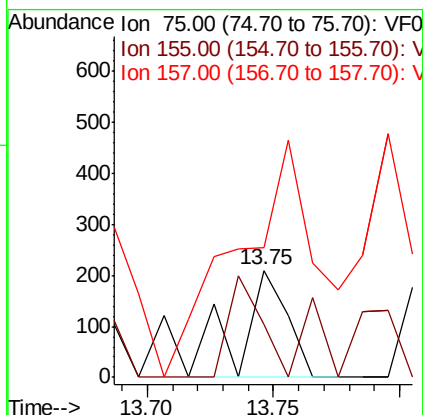
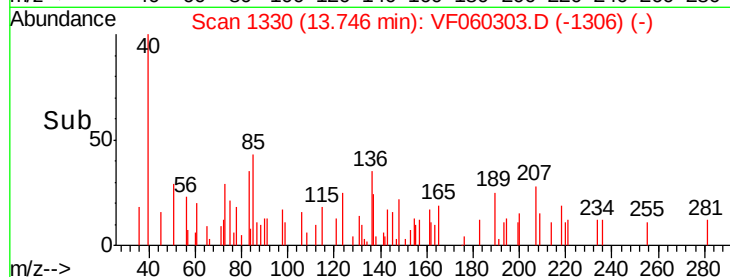


Abundance Ion 75.00 (74.70 to 75.70): VF060280.D (-1322) (-)

Ion 155.00 (154.70 to 155.70): VF060280.D (-1322) (-)

Ion 157.00 (156.70 to 157.70): VF060280.D (-1322) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 7.83 ug/l

RT: 14.24 min Scan# 1380

Delta R.T. -0.02 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

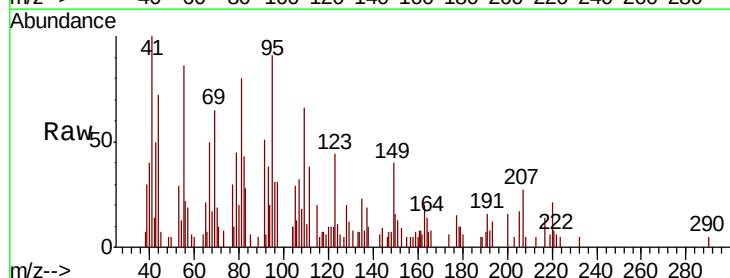
Tgt Ion: 180 Resp: 84

Ion Ratio Lower Upper

180 100

182 0.0 50.3 151.0#

145 0.0 18.9 56.9#

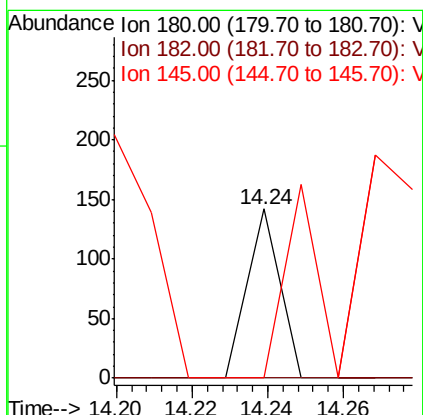
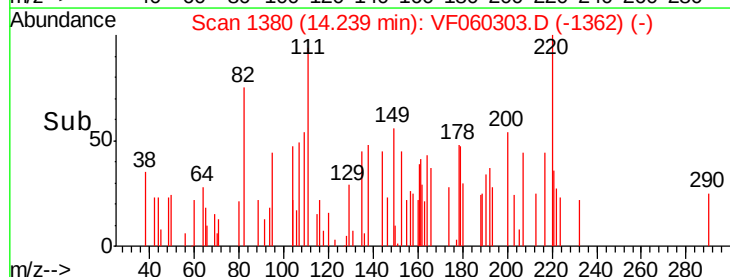


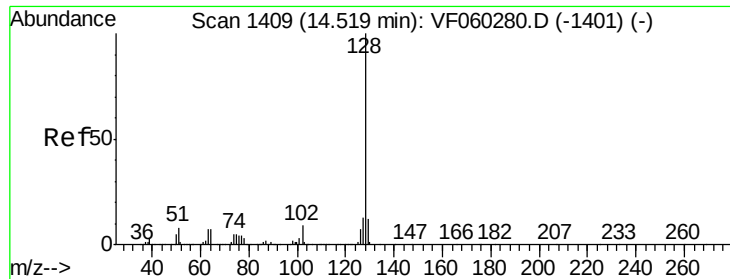
Abundance Ion 180.00 (179.70 to 180.70): VF060280.D (-1379) (-)

Ion 182.00 (181.70 to 182.70): VF060280.D (-1379) (-)

Ion 145.00 (144.70 to 145.70): VF060280.D (-1379) (-)

Time-->





#95

Naphthalene

Concen: 26.37 ug/l

RT: 14.54 min Scan# 1411

Delta R.T. 0.03 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Instrument :

MSVOA\_F

ClientSampleId :

LS-SOIL-C

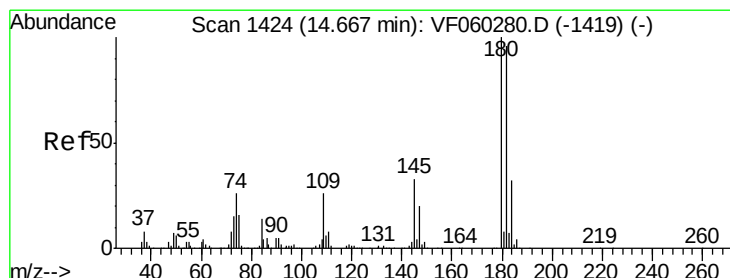
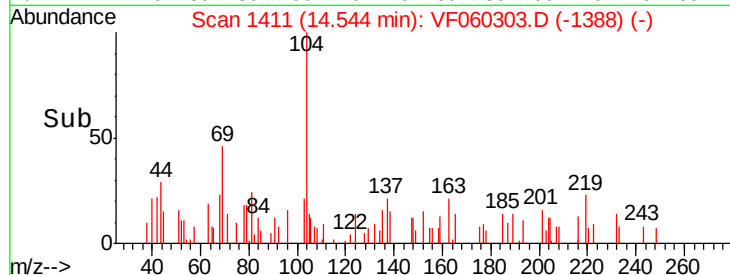
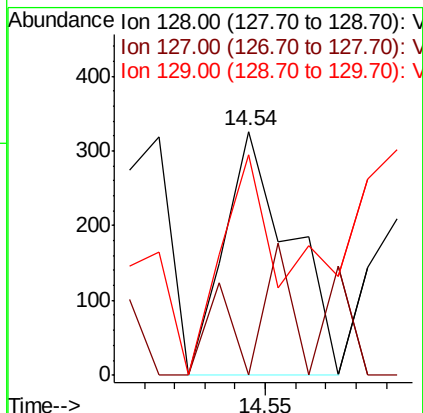
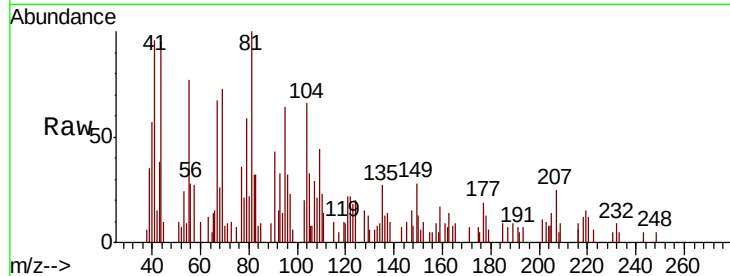
Tot Ion:128 Resp: 496

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 90.5 9.8 14.8#



#96

1,2,3-Trichlorobenzene

Concen: 6.66 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. -0.00 min

Lab File: VF060303.D

Acq: 20 Sep 2018 17:59

Tgt Ion:180 Resp: 66

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.4#

145 0.0 16.4 49.1#

