

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\  
 Data File : VF062235.D  
 Acq On : 19 Apr 2019 20:04  
 Operator : FY/SY  
 Sample : K2241-03  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

Quant Time: Apr 19 23:03:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F041719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 19 03:56:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.06  | 168  | 407666   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 5.78  | 114  | 578743   | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 434560   | 50.00 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 298562   | 50.00 | ug/l  | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.04  | 65   | 217609   | 58.21 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 116.42% |          |
| 35) Dibromofluoromethane    | 4.32  | 113  | 291151   | 57.51 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 115.02% |          |
| 50) Toluene-d8              | 7.72  | 98   | 679222   | 53.00 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 106.00% |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 279019   | 56.60 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 113.20% |          |

| Target Compounds              | R.T. | QIon | Response | Conc      | Units  | Qvalue |
|-------------------------------|------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.01 | 85   | 16284    | 2.628     | ug/l   | 99     |
| 3) Chloromethane              | 1.16 | 50   | 15133    | 2.363     | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.21 | 62   | 12490    | 2.270     | ug/l # | 82     |
| 5) Bromomethane               | 1.40 | 94   | 11098    | 3.473     | ug/l   | 86     |
| 6) Chloroethane               | 1.46 | 64   | 7469     | 3.248     | ug/l # | 83     |
| 7) Trichlorofluoromethane     | 1.57 | 101  | 9346     | 1.337     | ug/l   | 86     |
| 8) Diethyl Ether              | 1.72 | 74   | 4147     | 2.851     | ug/l   | 79     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.93 | 101  | 12761    | 2.673     | ug/l   | 94     |
| 10) Methyl Iodide             | 2.00 | 142  | 16984    | 2.002     | ug/l # | 69     |
| 11) Tert butyl alcohol        | 2.71 | 59   | 3145     | 12.104    | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 1.89 | 96   | 13173    | 2.901     | ug/l # | 79     |
| 13) Acrolein                  | 2.11 | 56   | 2129     | Below Cal | #      | 14     |
| 14) Allyl chloride            | 2.20 | 41   | 11135    | 2.137     | ug/l # | 72     |
| 15) Acrylonitrile             | 3.09 | 53   | 12017    | 15.184    | ug/l   | 96     |
| 16) Acetone                   | 2.36 | 43   | 13481    | 15.088    | ug/l   | 99     |
| 17) Carbon Disulfide          | 1.93 | 76   | 22961    | 1.820     | ug/l # | 91     |
| 18) Methyl Acetate            | 2.48 | 43   | 15902    | 2.746     | ug/l # | 83     |
| 19) Methyl tert-butyl Ether   | 2.56 | 73   | 20425    | 2.547     | ug/l # | 81     |
| 20) Methylene Chloride        | 2.36 | 84   | 33650    | 1.608     | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 2.43 | 96   | 12517    | 2.787     | ug/l   | 91     |
| 22) Diisopropyl ether         | 2.94 | 45   | 33336    | 2.501     | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.36 | 43   | 69803    | 10.990    | ug/l # | 95     |
| 24) 1,1-Dichloroethane        | 3.02 | 63   | 18372    | 2.519     | ug/l # | 94     |
| 25) 2-Butanone                | 4.54 | 43   | 21134    | 11.829    | ug/l # | 91     |
| 26) 2,2-Dichloropropane       | 3.77 | 77   | 8401     | 2.282     | ug/l   | 83     |
| 27) cis-1,2-Dichloroethene    | 3.65 | 96   | 14272    | 2.454     | ug/l   | 91     |
| 28) Bromochloromethane        | 3.92 | 49   | 8174     | 2.340     | ug/l # | 94     |
| 29) Tetrahydrofuran           | 4.29 | 42   | 9970     | 12.329    | ug/l # | 87     |
| 30) Chloroform                | 4.07 | 83   | 24836    | 2.771     | ug/l   | 86     |
| 31) Cyclohexane               | 3.88 | 56   | 13371    | 1.530     | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 4.29 | 97   | 14223    | 2.168     | ug/l # | 91     |
| 36) 1,1-Dichloropropene       | 4.48 | 75   | 17592    | 2.535     | ug/l   | 94     |
| 37) Ethyl Acetate             | 4.32 | 43   | 8108     | 2.476     | ug/l # | 83     |
| 38) Carbon Tetrachloride      | 4.19 | 117  | 16181    | 2.635     | ug/l   | 92     |

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 Sample : K2241-03  
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 ALS Vial : 19 Sample Multiplier: 1

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 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

Quant Time: Apr 19 23:03:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F041719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 19 03:56:19 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|--------|----------|
| -----                          |       |      |          |           |        |          |
| 39) Methylcyclohexane          | 5.65  | 83   | 19852    | 2.390     | ug/l # | 84       |
| 40) Benzene                    | 4.83  | 78   | 46117    | 2.534     | ug/l   | 94       |
| 41) Methacrylonitrile          | 4.95  | 41   | 6375     | 3.375     | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 5.14  | 62   | 12028    | 2.500     | ug/l # | 74       |
| 43) Isopropyl Acetate          | 7.13  | 43   | 9019     | 2.619     | ug/l # | 98       |
| 44) Trichloroethene            | 5.69  | 130  | 14142    | 2.876     | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 9612     | 2.398     | ug/l   | 96       |
| 46) Dibromomethane             | 6.27  | 93   | 7499     | 2.811     | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.56  | 83   | 16219    | 2.695     | ug/l   | 92       |
| 48) Methyl methacrylate        | 6.89  | 41   | 5802     | 2.564     | ug/l # | 56       |
| 49) 1,4-Dioxane                | 6.89  | 88   | 1123     | 43.267    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 33146    | 12.941    | ug/l   | 95       |
| 52) Toluene                    | 7.79  | 92   | 24172    | 2.520     | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 12624    | 2.792     | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene    | 7.47  | 75   | 15885    | 2.598     | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 8181     | 3.044     | ug/l # | 85       |
| 56) Ethyl methacrylate         | 8.77  | 69   | 7958     | 2.604     | ug/l # | 84       |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 11638    | 2.682     | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.46  | 63   | 11471    | 12.930    | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.63  | 43   | 23236    | 14.676    | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.87  | 129  | 11134    | 2.786     | ug/l   | 90       |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 8328     | 2.750     | ug/l   | 95       |
| 64) Tetrachloroethene          | 8.31  | 164  | 11801    | 3.008     | ug/l   | 98       |
| 65) Chlorobenzene              | 9.94  | 112  | 25334    | 2.734     | ug/l   | 91       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 12476    | 2.875     | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.04 | 91   | 44322    | 2.631     | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.27 | 106  | 34237    | 5.520     | ug/l   | 95       |
| 69) o-Xylene                   | 10.83 | 106  | 19102    | 2.774     | ug/l   | 100      |
| 70) Styrene                    | 10.90 | 104  | 27465    | 2.826     | ug/l   | 97       |
| 71) Bromoform                  | 10.89 | 173  | 7350     | 3.208     | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.22 | 105  | 52056    | 2.030     | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 9579     | 2.172     | ug/l   | 90       |
| 76) 1,2,3-Trichloropropane     | 11.95 | 75   | 5704     | 1.880     | ug/l   | 88       |
| 77) Bromobenzene               | 11.59 | 156  | 13563    | 2.469     | ug/l   | 92       |
| 78) n-propylbenzene            | 11.68 | 91   | 59781    | 2.210     | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.80 | 91   | 35241    | 2.147     | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 50753    | 2.376     | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 5704     | 3.686     | ug/l # | 82       |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 36261    | 2.286     | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 49954    | 2.261     | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 48537    | 2.348     | ug/l   | 96       |
| 85) sec-Butylbenzene           | 12.37 | 105  | 62011    | 2.162     | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.52 | 119  | 58224    | 2.393     | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.54 | 146  | 26411    | 2.591     | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 24595    | 2.501     | ug/l   | 94       |
| 89) n-Butylbenzene             | 12.91 | 91   | 54907    | Below Cal |        | 97       |
| 90) Hexachloroethane           | 12.98 | 117  | 14622    | 2.341     | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 23947    | 2.433     | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.70 | 75   | 2199     | 2.538     | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene     | 14.25 | 180  | 20791    | 2.524     | ug/l   | 96       |

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Operator : FY/SY  
Sample : K2241-03  
Misc : 5.00µ/5mL/MSVOA F/SOIL  
ALS Vial : 19 Sample Multiplier: 1

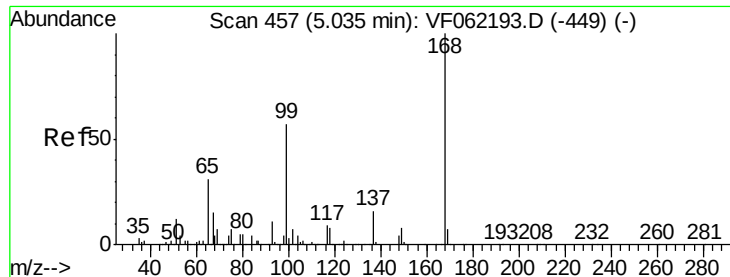
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

Quant Time: Apr 19 23:03:19 2019  
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Quant Title : SW846 8260  
QLast Update : Fri Apr 19 03:56:19 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 94) Hexachlorobutadiene    | 14.24 | 225  | 13687    | 2.423 | ug/l  | 98       |
| 95) Naphthalene            | 14.50 | 128  | 31688    | 2.200 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.64 | 180  | 19140    | 2.420 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

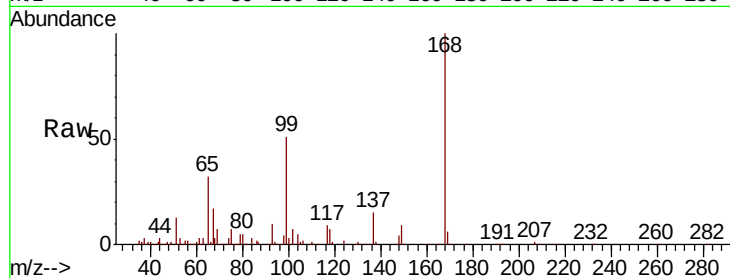
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:168 Resp: 407666

Ion Ratio Lower Upper

168 100

99 50.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

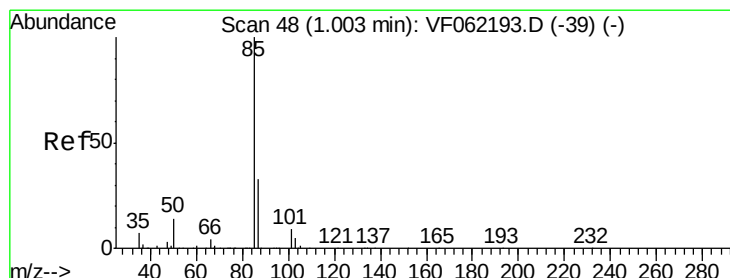
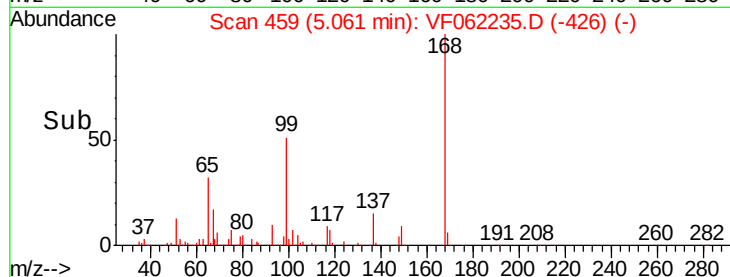
100000

50000

0

5.00 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 2.628 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062235.D

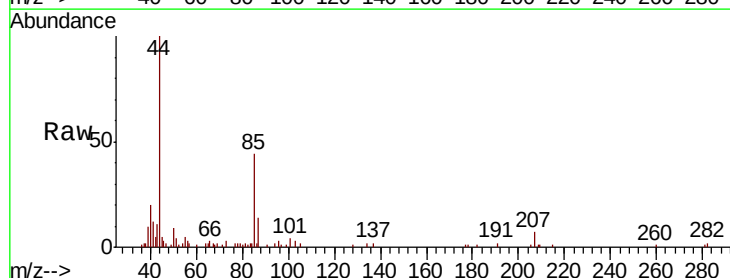
Acq: 19 Apr 2019 20:04

Tgt Ion: 85 Resp: 16284

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

4000

3000

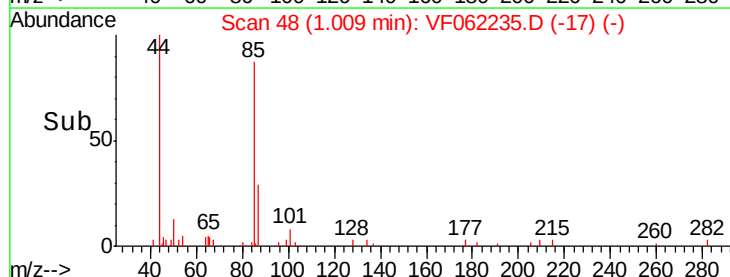
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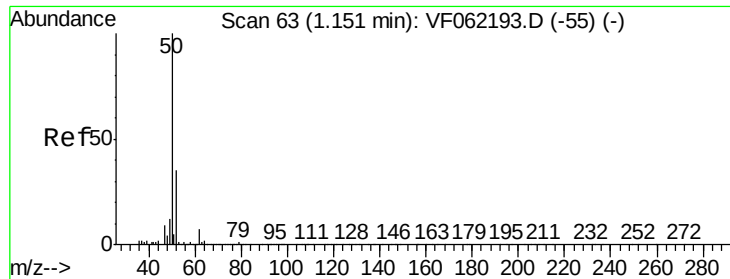
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0

0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 2.363 ug/l

RT: 1.16 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

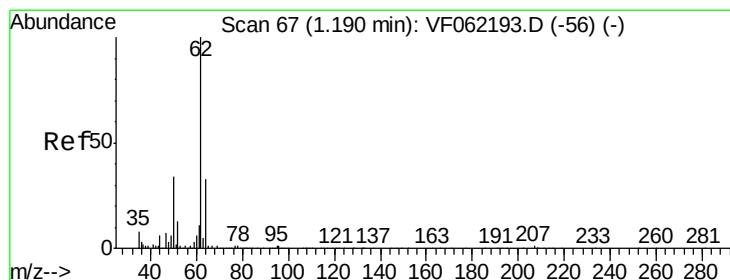
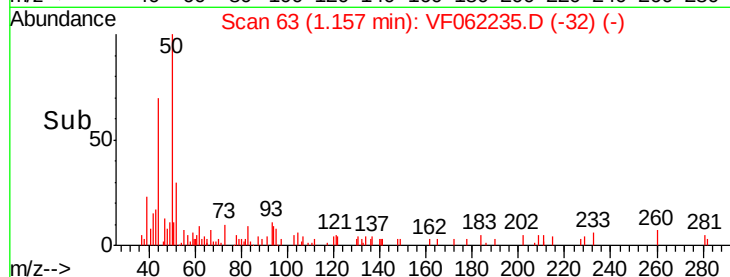
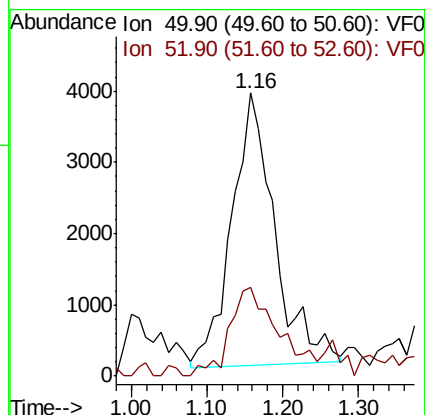
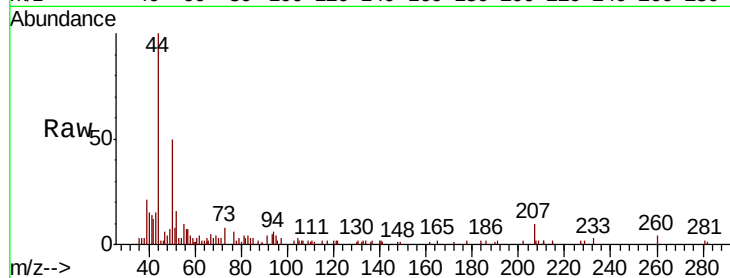
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 50 Resp: 15133

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.4



#4

Vinyl Chloride

Concen: 2.270 ug/l

RT: 1.21 min Scan# 68

Delta R.T. 0.02 min

Lab File: VF062235.D

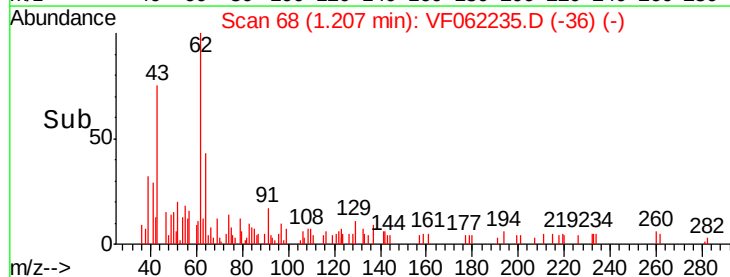
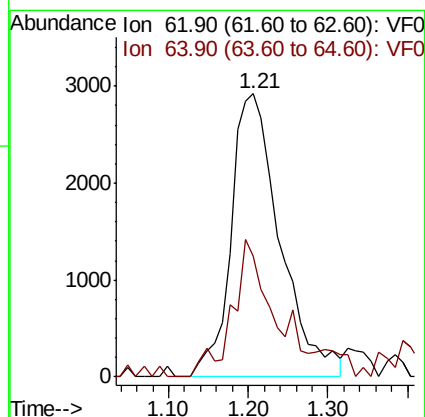
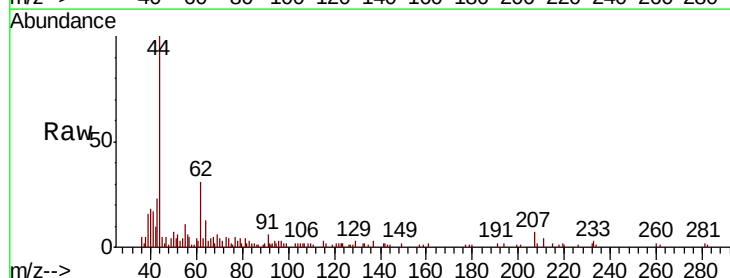
Acq: 19 Apr 2019 20:04

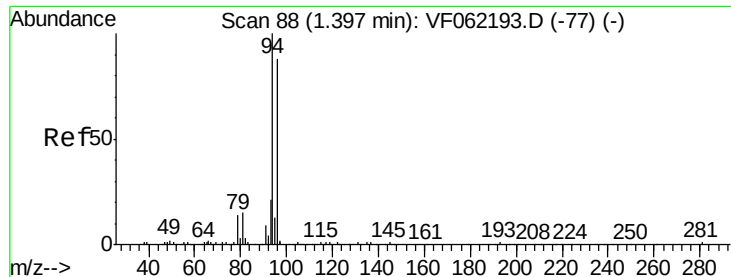
Tgt Ion: 62 Resp: 12490

Ion Ratio Lower Upper

62 100

64 42.7 26.2 39.4#





#5

Bromomethane

Concen: 3.473 ug/l

RT: 1.40 min Scan# 88

Delta R.T. 0.01 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

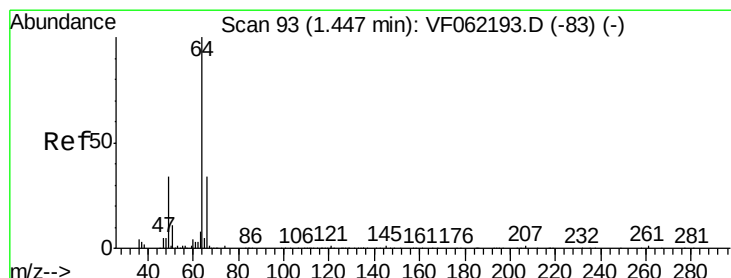
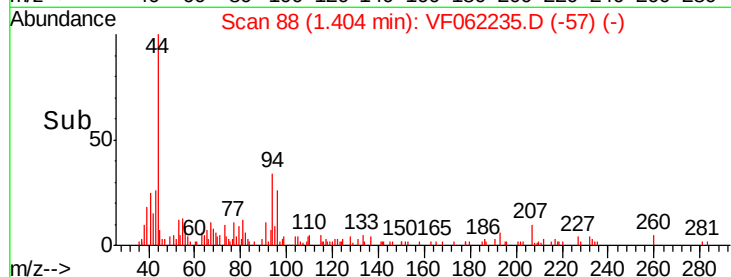
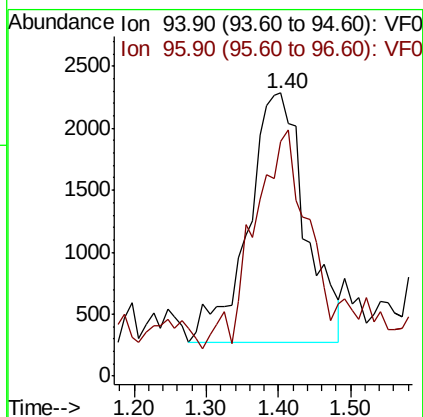
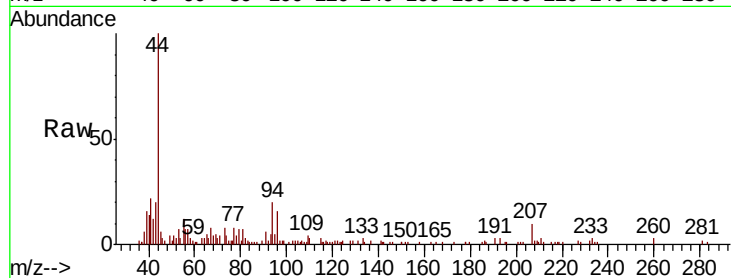
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 94 Resp: 11098

Ion Ratio Lower Upper

94 100

96 74.7 70.2 105.4



#6

Chloroethane

Concen: 3.248 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.02 min

Lab File: VF062235.D

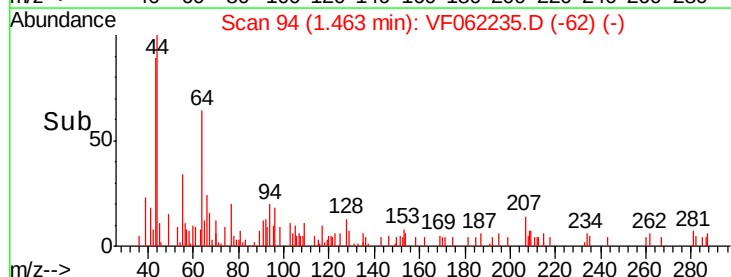
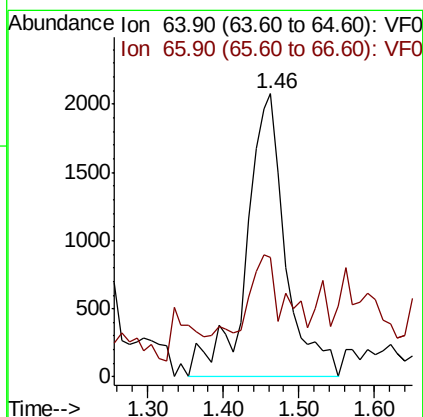
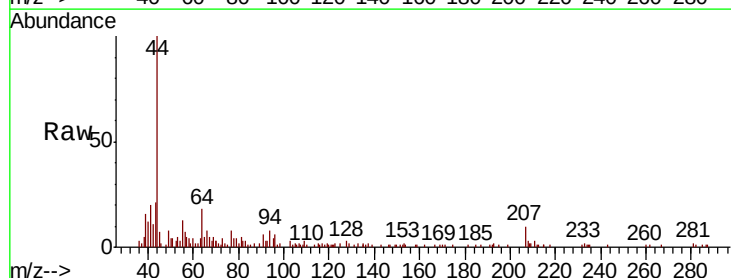
Acq: 19 Apr 2019 20:04

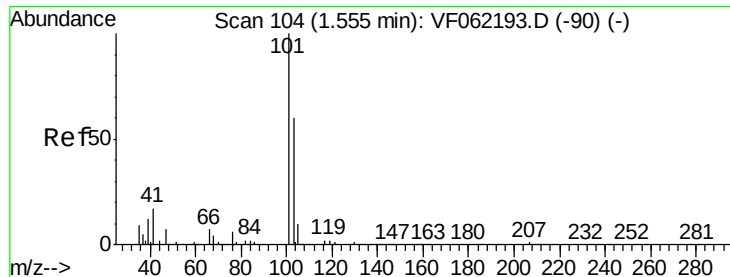
Tgt Ion: 64 Resp: 7469

Ion Ratio Lower Upper

64 100

66 23.9 27.0 40.4#



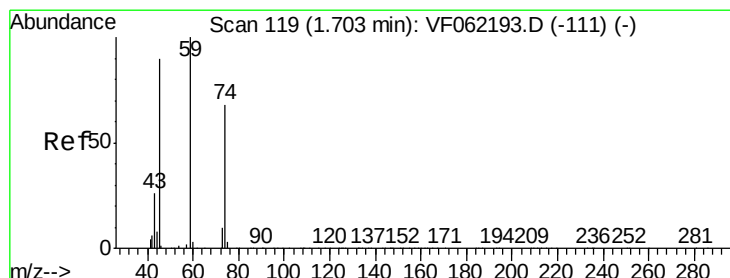
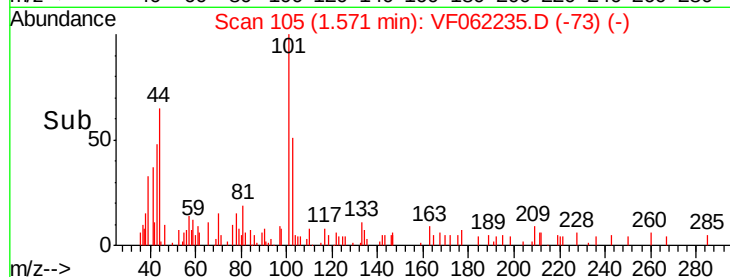
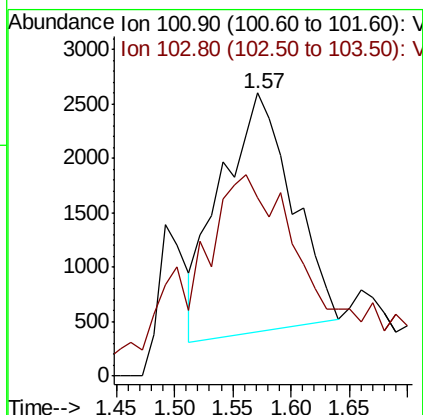
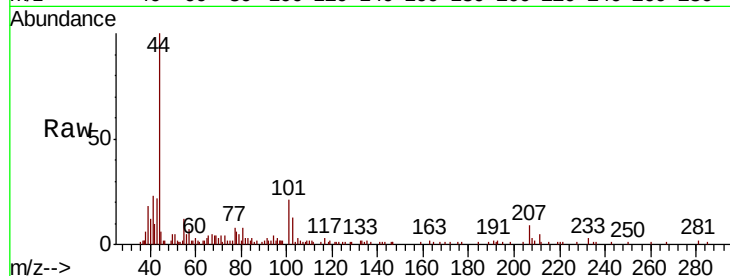


#7

Trichlorofluoromethane  
Concen: 1.337 ug/l  
RT: 1.57 min Scan# 105  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

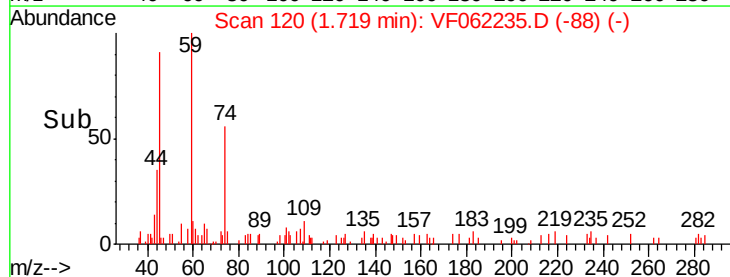
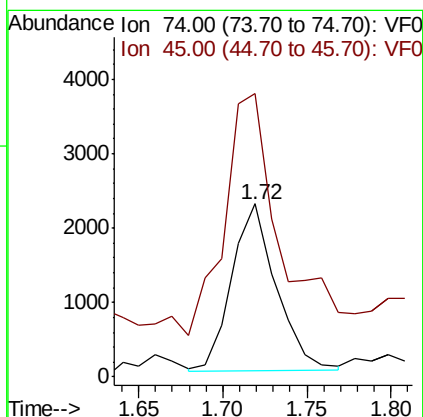
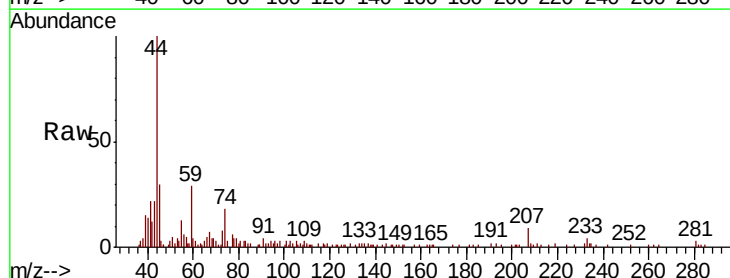
Tot Ion:101 Resp: 9346  
Ion Ratio Lower Upper  
101 100  
103 49.4 48.2 72.4



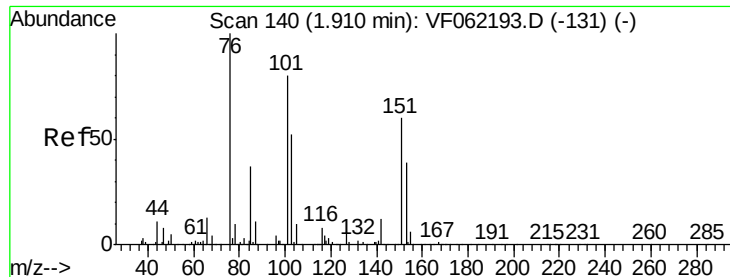
#8

Diethyl Ether  
Concen: 2.851 ug/l  
RT: 1.72 min Scan# 120  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion: 74 Resp: 4147  
Ion Ratio Lower Upper  
74 100  
45 165.6 70.0 210.2







#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.673 ug/l

RT: 1.93 min Scan# 141

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

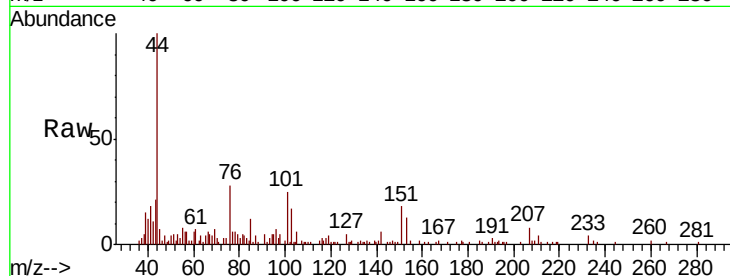
Tot Ion:101 Resp: 12761

Ion Ratio Lower Upper

101 100

85 45.1 35.3 52.9

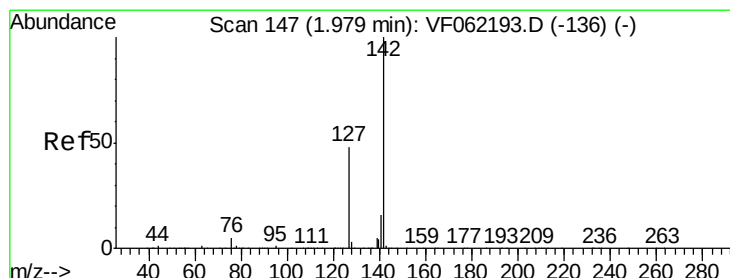
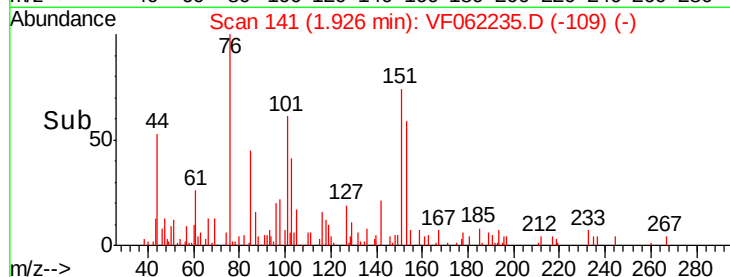
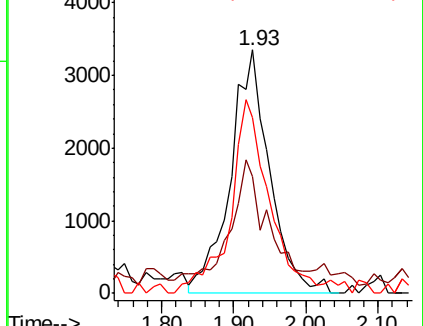
151 78.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.002 ug/l

RT: 2.00 min Scan# 148

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

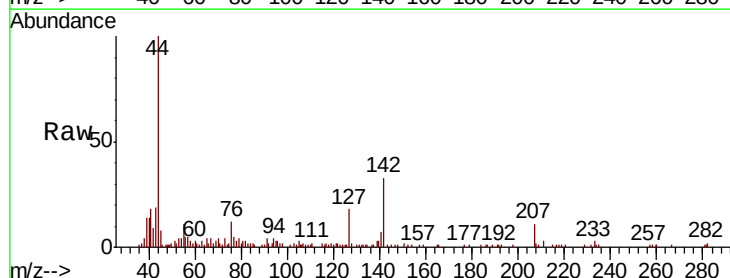
Tgt Ion:142 Resp: 16984

Ion Ratio Lower Upper

142 100

127 59.7 33.0 49.4#

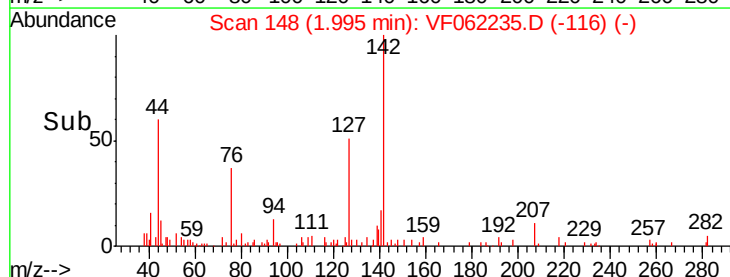
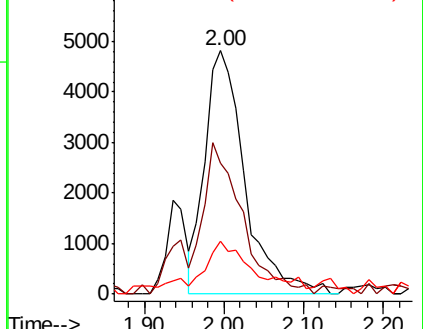
141 31.1 12.7 19.1#

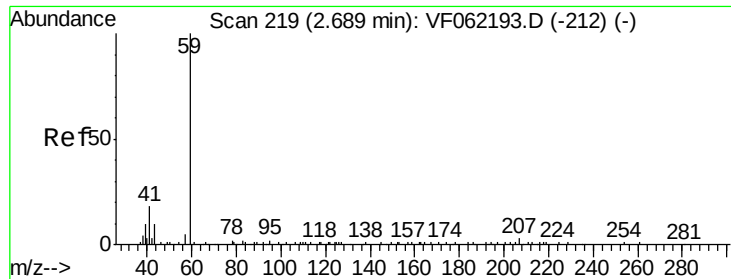


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



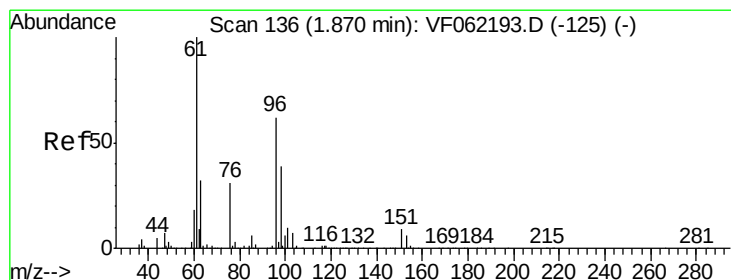
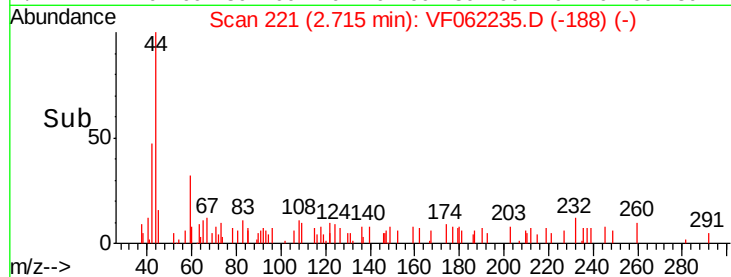
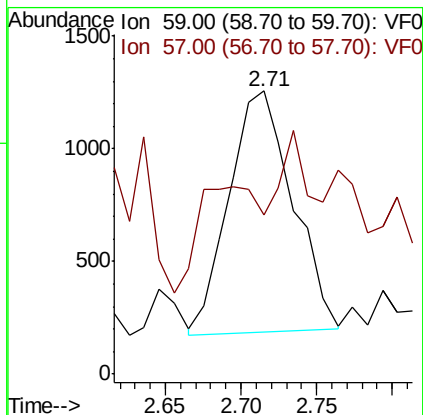
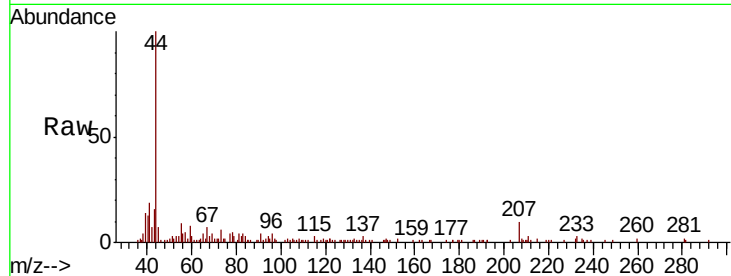


#11

Tert butyl alcohol  
Concen: 12.104 ug/l  
RT: 2.71 min Scan# 221  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

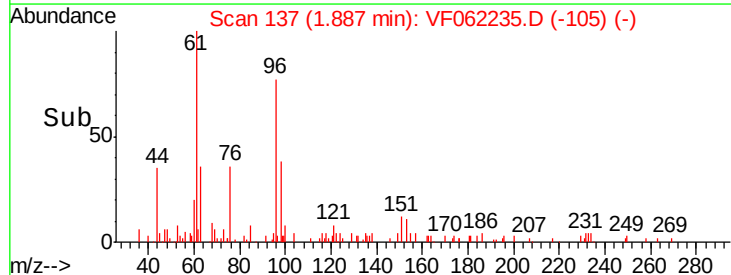
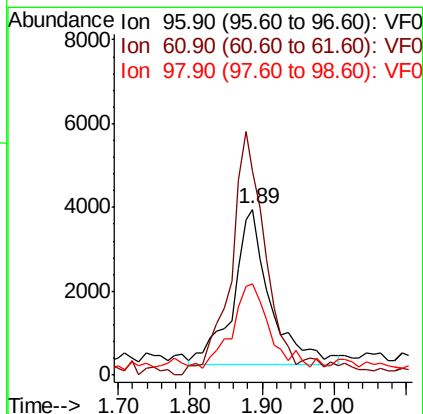
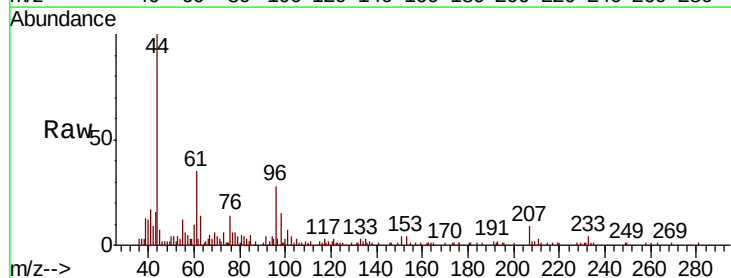
Tot Ion: 59 Resp: 3145  
Ion Ratio Lower Upper  
59 100  
57 11.9 9.3 13.9

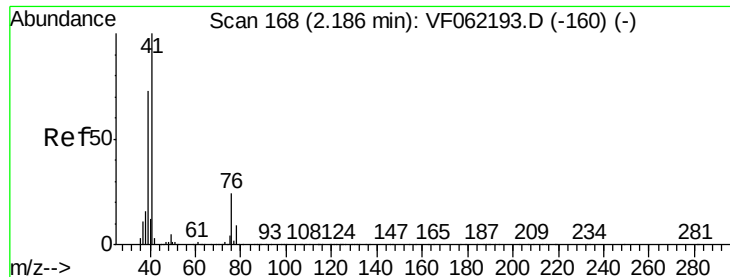


#12

1,1-Dichloroethene  
Concen: 2.901 ug/l  
RT: 1.89 min Scan# 137  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion: 96 Resp: 13173  
Ion Ratio Lower Upper  
96 100  
61 128.5 129.1 193.7#  
98 54.1 50.0 75.0





#14

Allvl chloride

Concen: 2.137 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

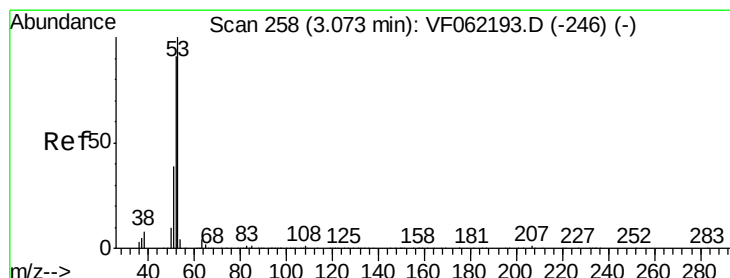
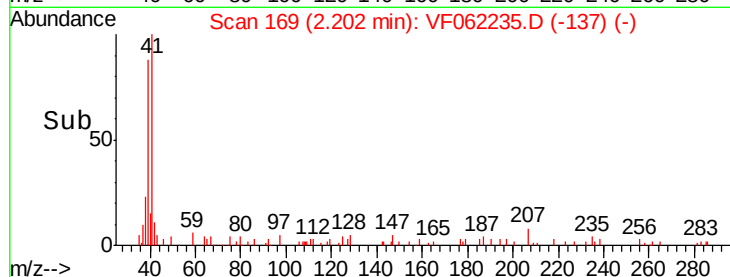
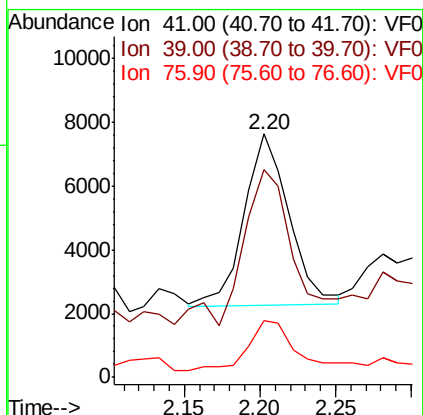
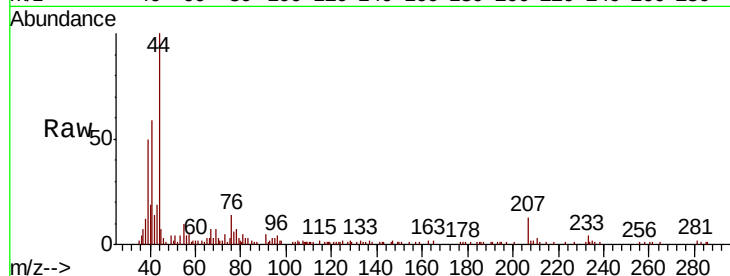
Tot Ion: 41 Resp: 11135

Ion Ratio Lower Upper

41 100

39 104.6 60.0 90.0#

76 30.0 20.6 30.8



#15

Acrylonitrile

Concen: 15.184 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

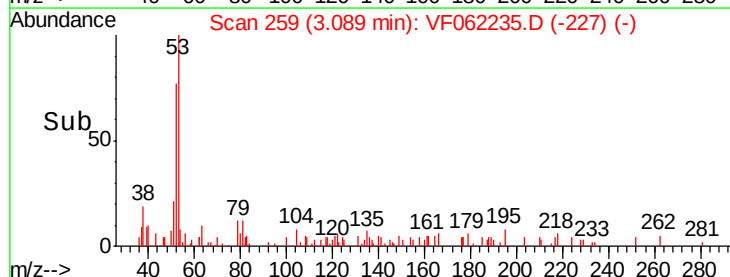
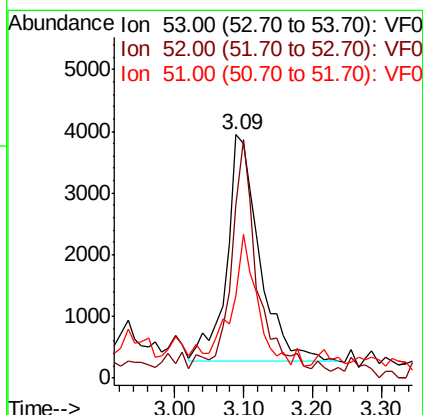
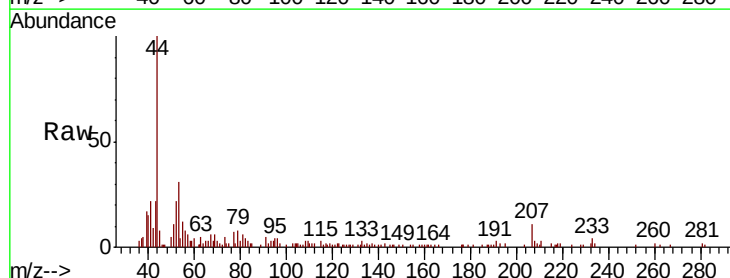
Tgt Ion: 53 Resp: 12017

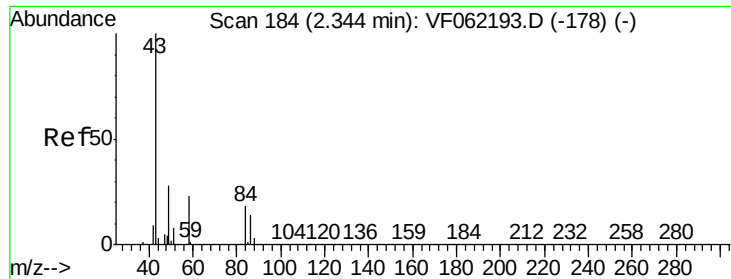
Ion Ratio Lower Upper

53 100

52 84.0 69.5 104.3

51 43.6 31.8 47.8





#16

Acetone

Concen: 15.088 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

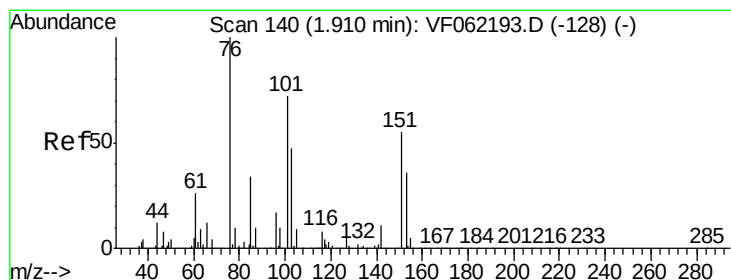
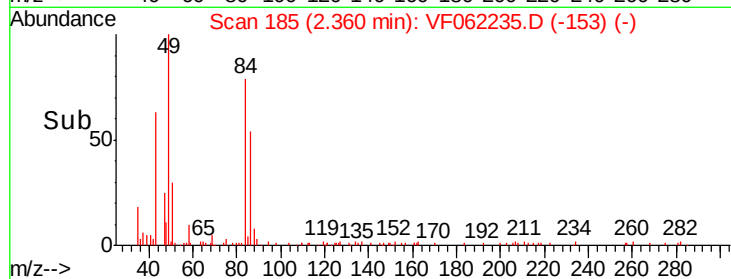
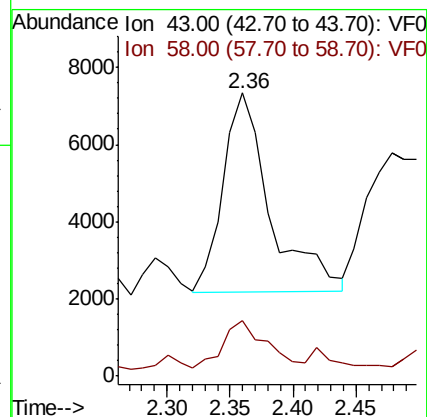
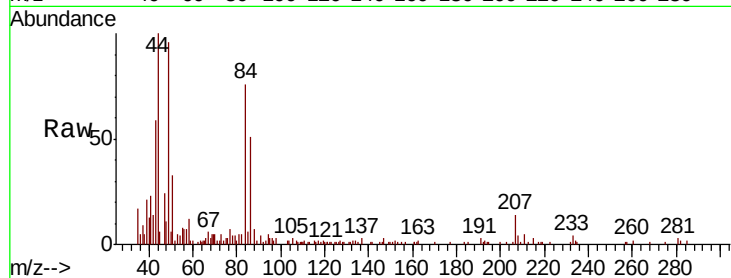
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 43 Resp: 13481

Ion Ratio Lower Upper

43 100

58 24.1 18.8 28.2



#17

Carbon Disulfide

Concen: 1.820 ug/l

RT: 1.93 min Scan# 141

Delta R.T. 0.02 min

Lab File: VF062235.D

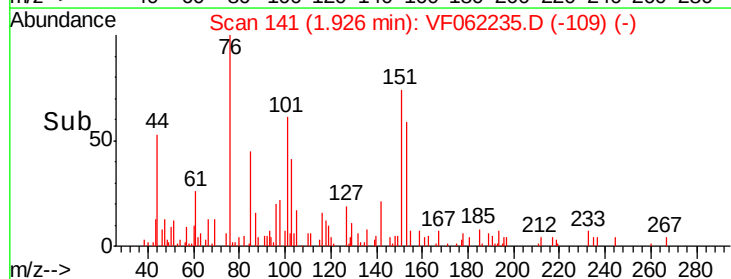
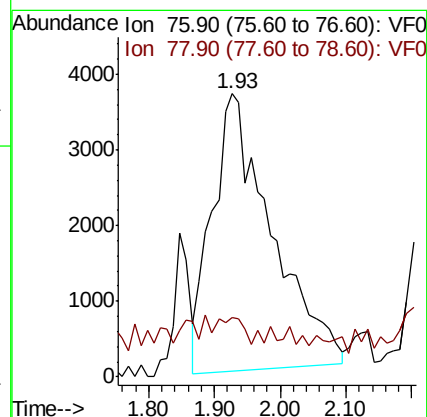
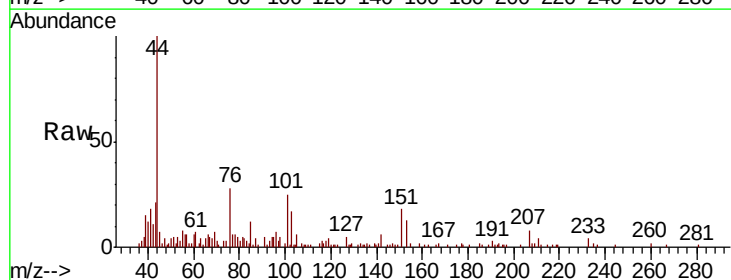
Acq: 19 Apr 2019 20:04

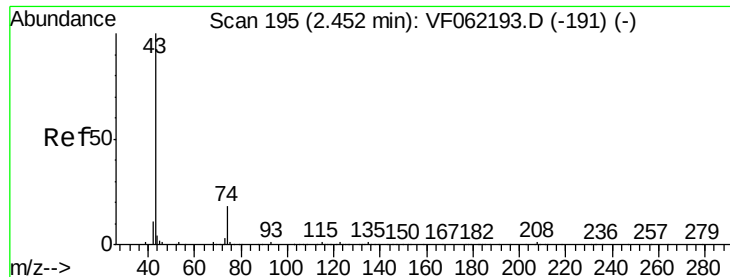
Tgt Ion: 76 Resp: 22961

Ion Ratio Lower Upper

76 100

78 7.5 8.7 13.1#

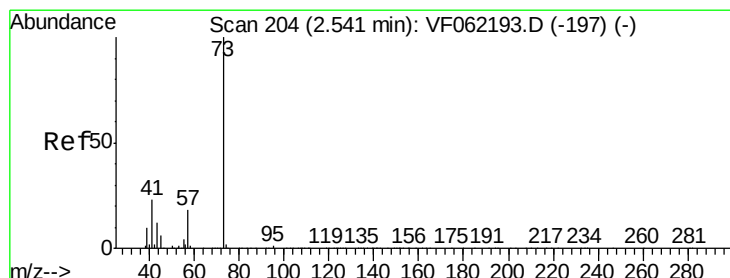
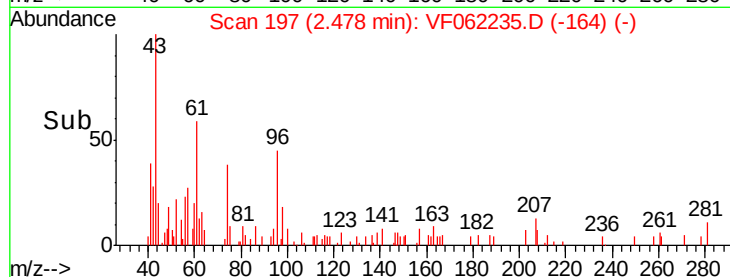
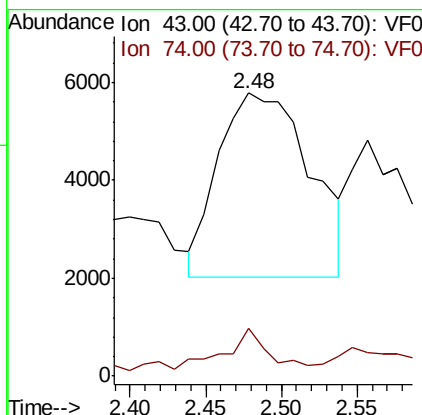
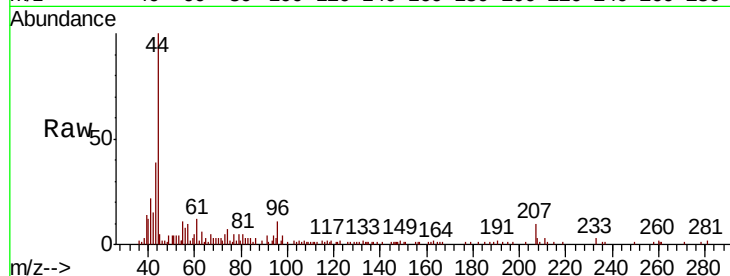




#18  
Methvl Acetate  
Concen: 2.746 ug/l  
RT: 2.48 min Scan# 197  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

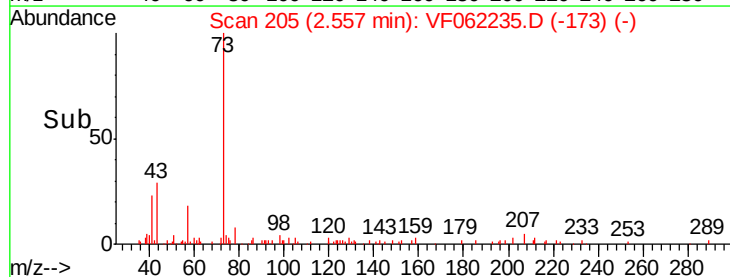
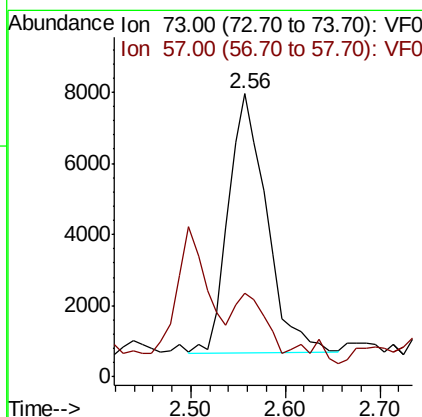
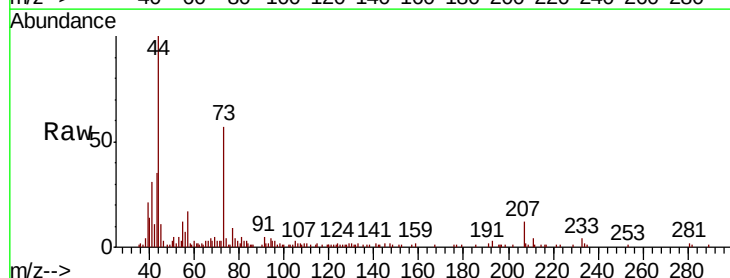
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

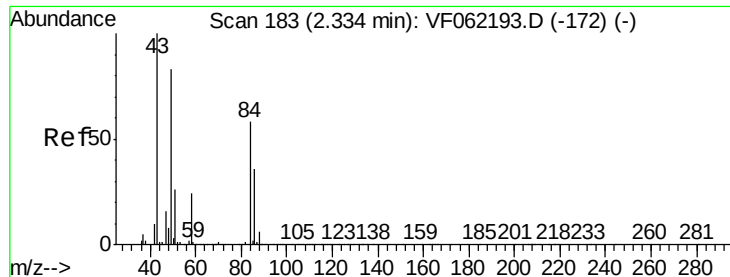
Tot Ion: 43 Resp: 15902  
Ion Ratio Lower Upper  
43 100  
74 10.4 14.5 21.7#



#19  
Methyl tert-butyl Ether  
Concen: 2.547 ug/l  
RT: 2.56 min Scan# 205  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion: 73 Resp: 20425  
Ion Ratio Lower Upper  
73 100  
57 27.4 15.1 22.7#

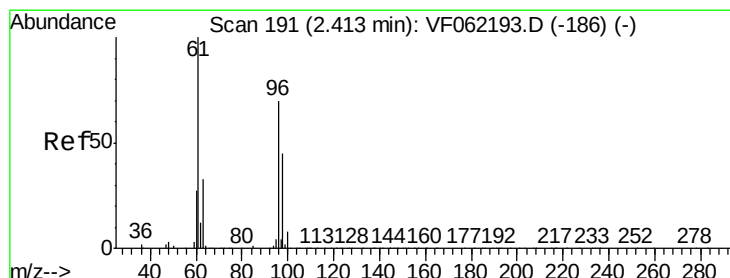
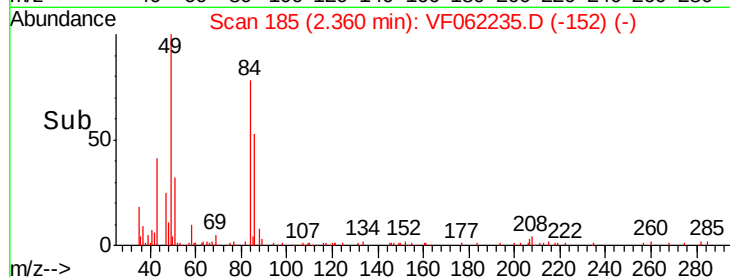
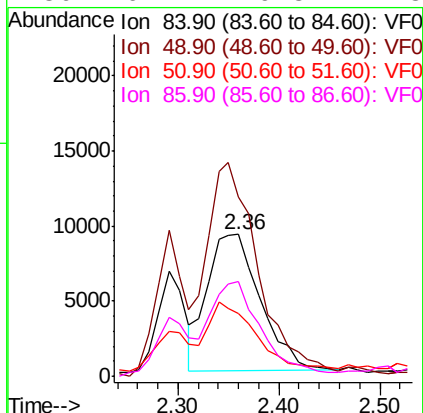
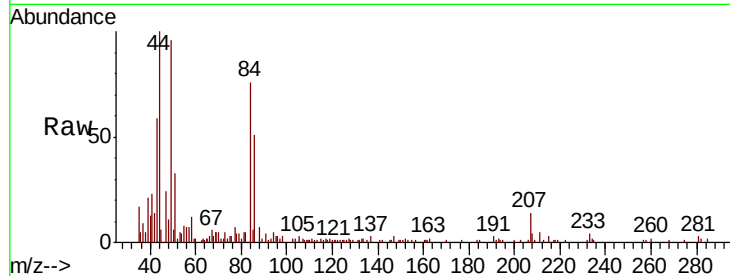




#20  
Methylene Chloride  
Concen: 1.608 ug/l  
RT: 2.36 min Scan# 185  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

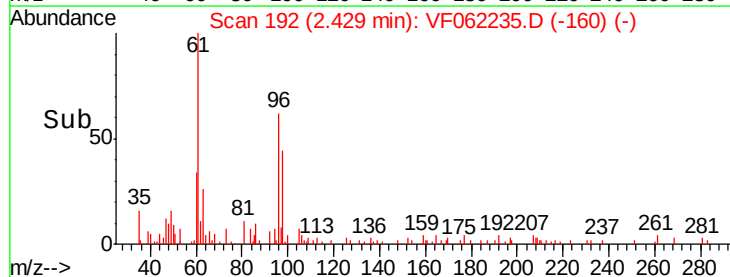
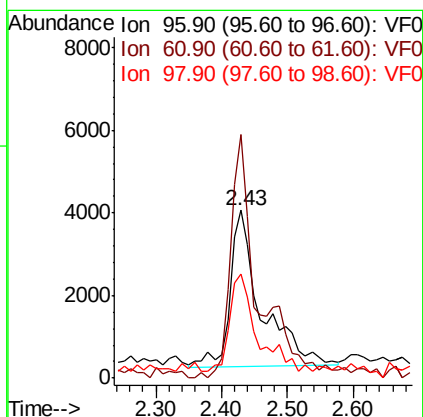
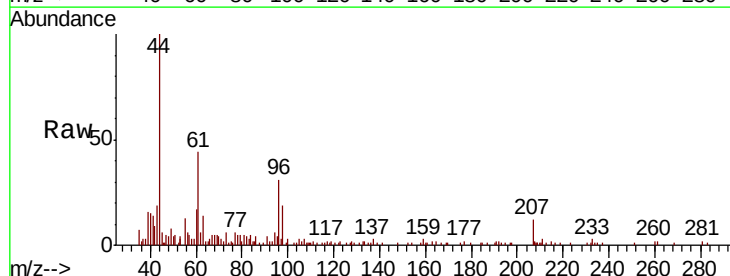
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

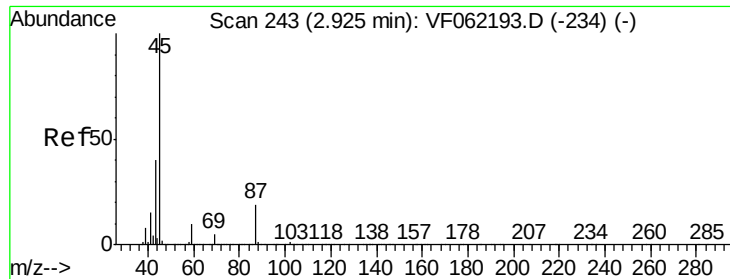
| Tot Ion: | 84    | Resp: | 33650 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 128.0 | 114.0 | 171.0 |
| 51       | 40.6  | 37.0  | 55.4  |
| 86       | 67.4  | 49.8  | 74.8  |



#21  
trans-1,2-Dichloroethene  
Concen: 2.787 ug/l  
RT: 2.43 min Scan# 192  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

| Tgt Ion: | 96    | Resp: | 12517 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 157.8 | 114.6 | 172.0 |
| 98       | 61.6  | 51.2  | 76.8  |

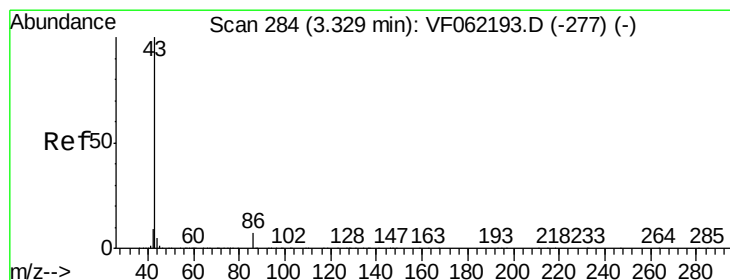
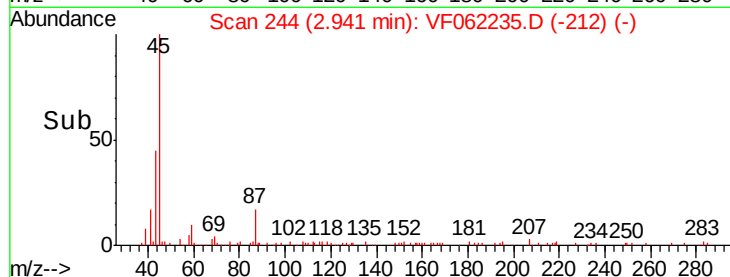
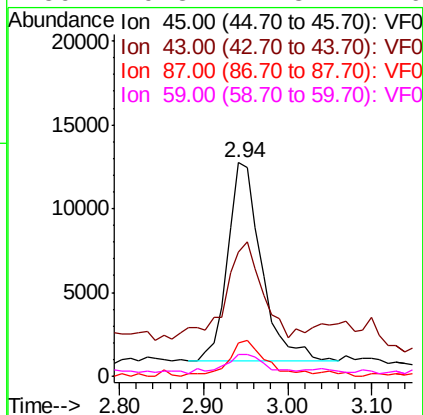
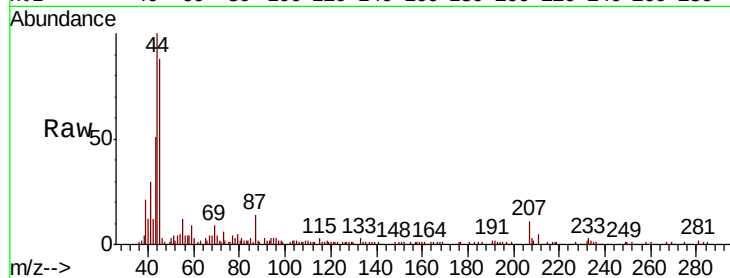




#22  
Diisopropyl ether  
Concen: 2.501 ug/l  
RT: 2.94 min Scan# 244  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

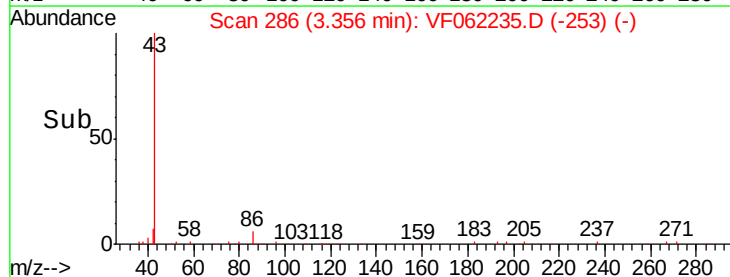
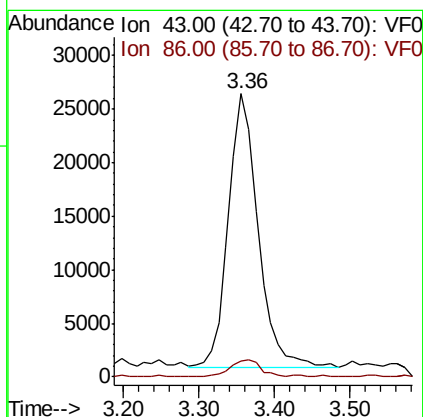
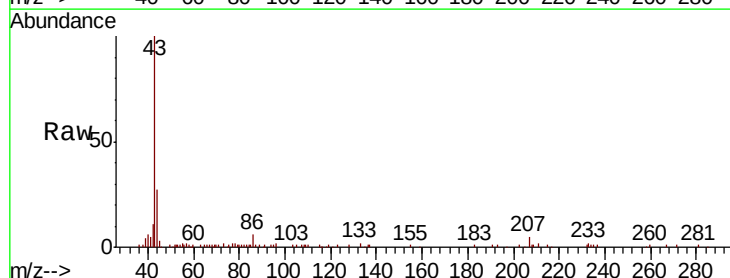
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

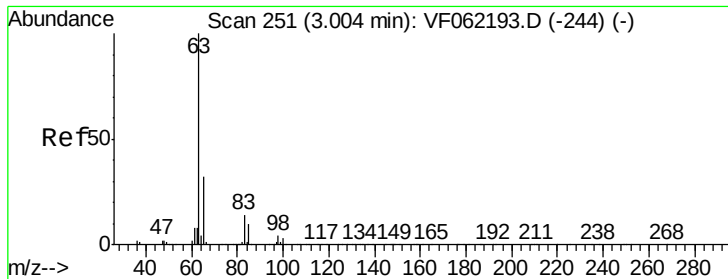
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 33336 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 38.3  | 32.8  | 49.2  |
| 87       | 15.5  | 15.2  | 22.8  |
| 59       | 9.3   | 7.8   | 11.6  |



#23  
Vinyl Acetate  
Concen: 10.990 ug/l  
RT: 3.36 min Scan# 286  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 69803 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 5.8   | 5.9   | 8.9#  |





#24

1,1-Dichloroethane

Concen: 2.519 ug/l

RT: 3.02 min Scan# 252

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

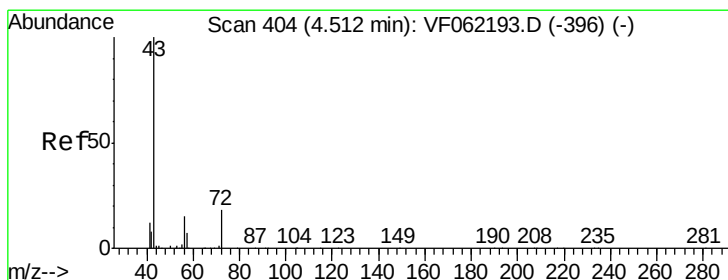
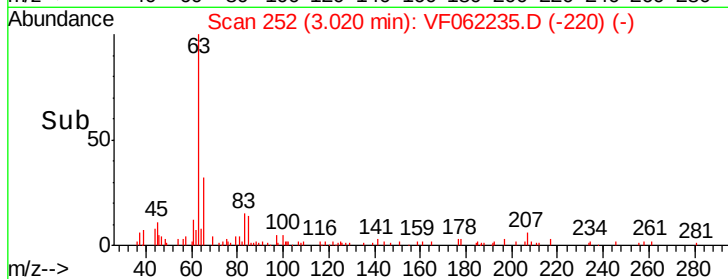
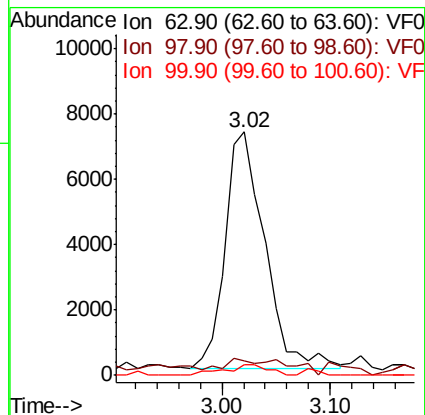
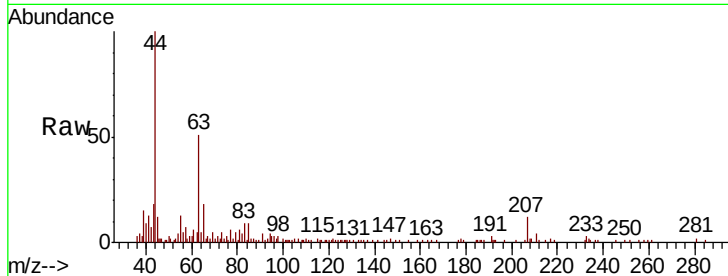
Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 18372 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 2.2   | 2.3   | 6.8#  |
| 100      | 4.7   | 1.7   | 5.0   |



#25

2-Butanone

Concen: 11.829 ug/l

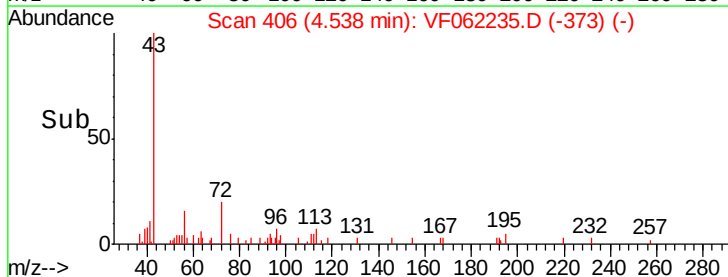
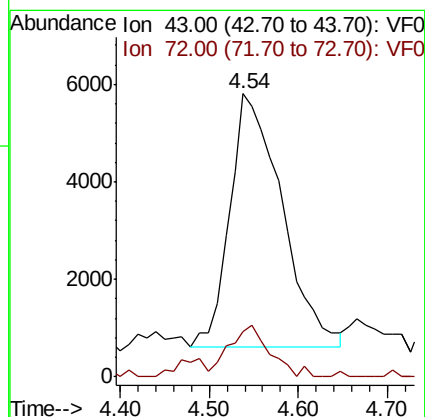
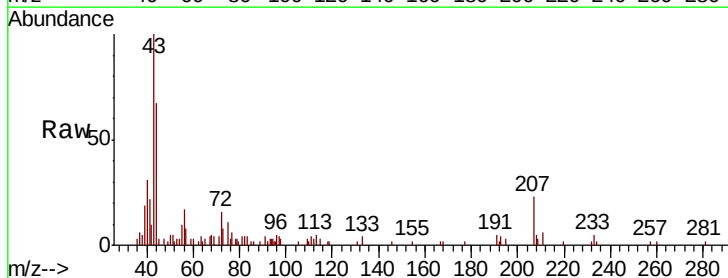
RT: 4.54 min Scan# 406

Delta R.T. 0.03 min

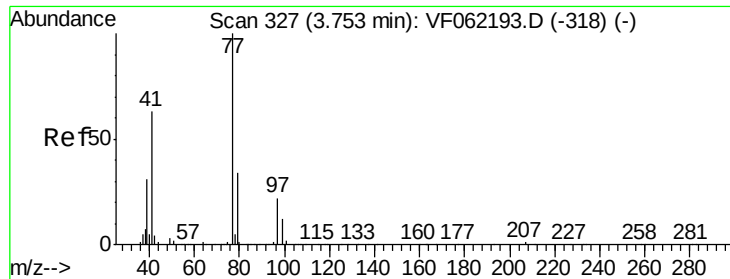
Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 21134 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 15.8  | 16.1  | 24.1# |







#26

2,2-Dichloropropane

Concen: 2.282 ug/l

RT: 3.77 min Scan# 328

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

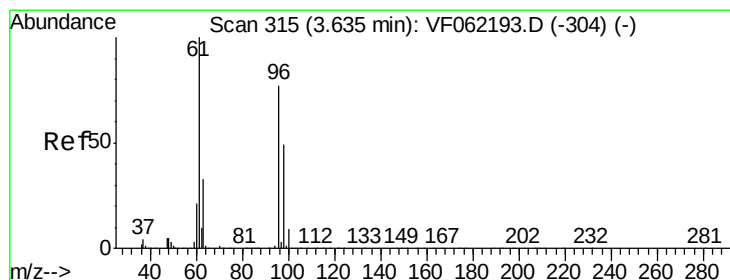
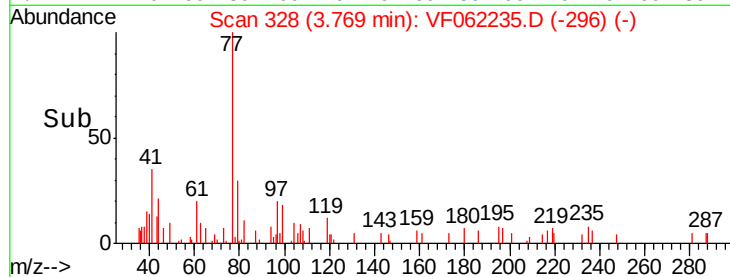
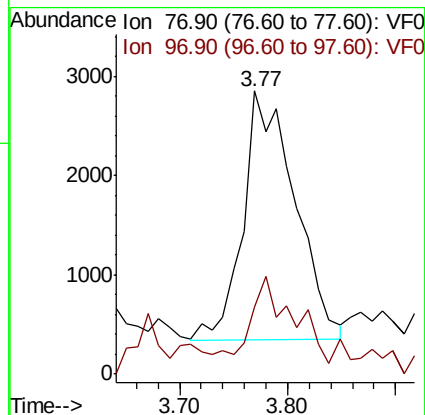
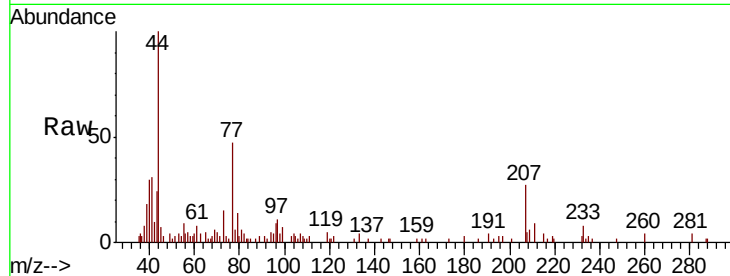
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 77 Resp: 8401

Ion Ratio Lower Upper

77 100

97 30.2 11.1 33.3



#27

cis-1,2-Dichloroethene

Concen: 2.454 ug/l

RT: 3.65 min Scan# 316

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

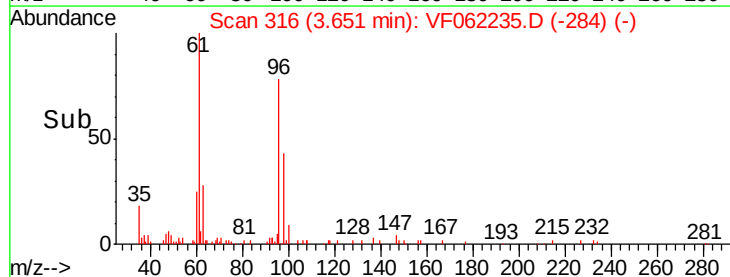
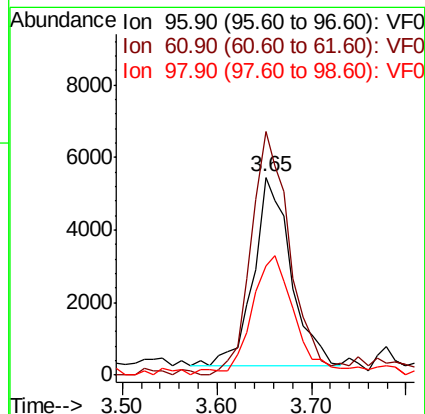
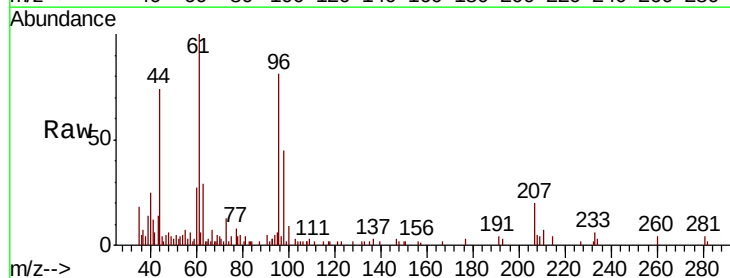
Tgt Ion: 96 Resp: 14272

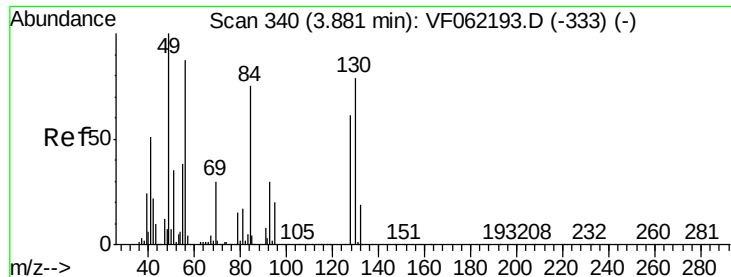
Ion Ratio Lower Upper

96 100

61 133.9 0.0 253.6

98 73.3 0.0 124.8





#28

Bromochloromethane

Concen: 2.340 ug/l

RT: 3.92 min Scan# 343

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

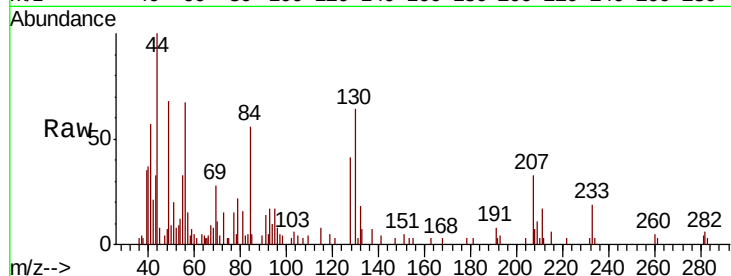
Tot Ion: 49 Resp: 8174

Ion Ratio Lower Upper

49 100

129 2.9 0.0 0.0#

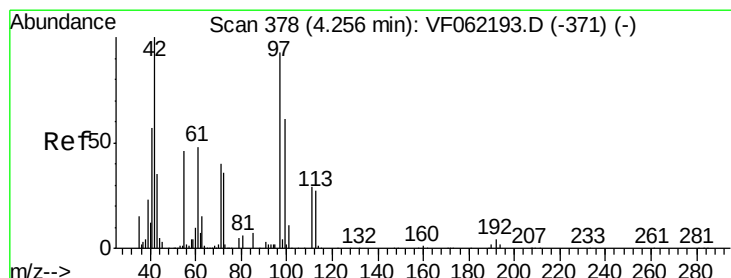
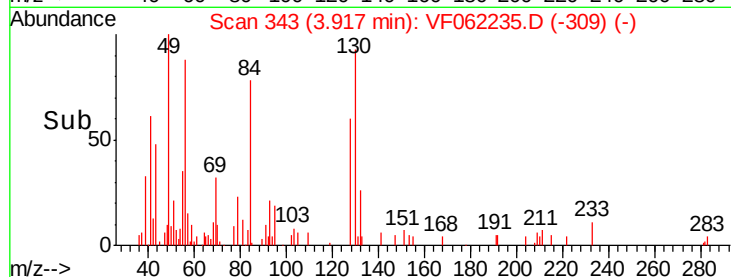
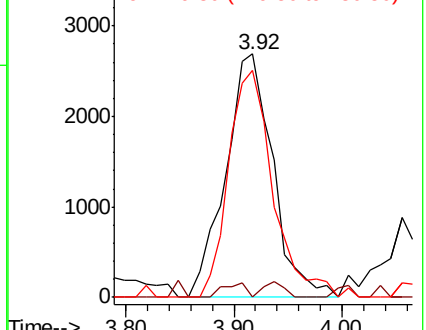
130 88.5 66.6 100.0



Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 12.329 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

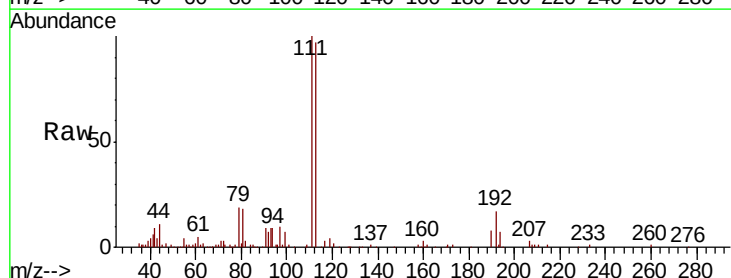
Tgt Ion: 42 Resp: 9970

Ion Ratio Lower Upper

42 100

72 34.7 28.6 43.0

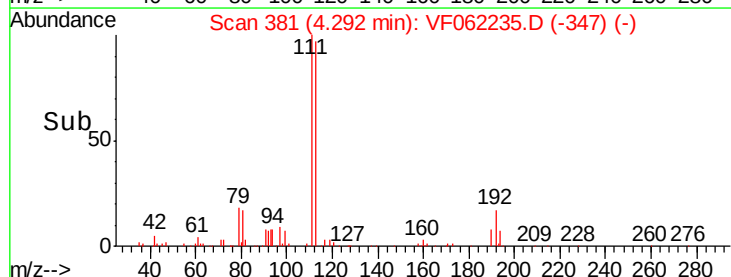
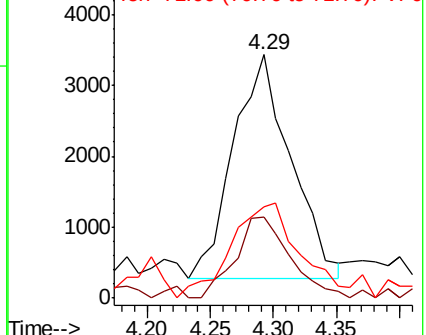
71 50.9 29.2 43.8#

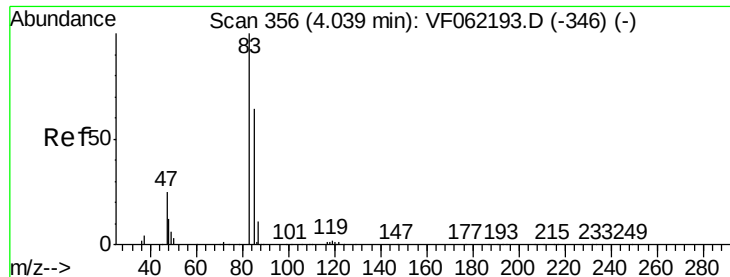


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

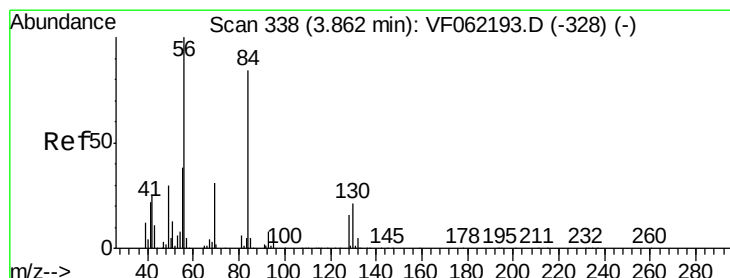
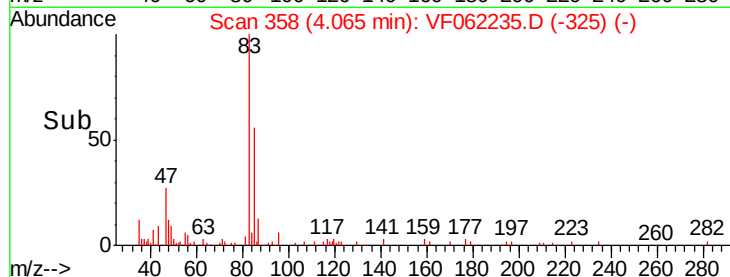
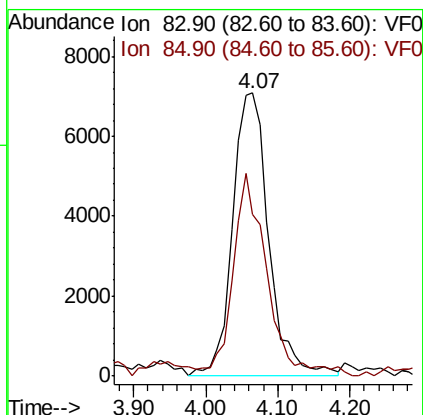
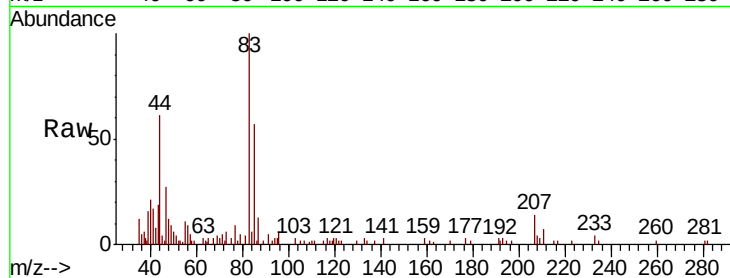




#30  
Chloroform  
Concen: 2.771 ug/l  
RT: 4.07 min Scan# 358  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

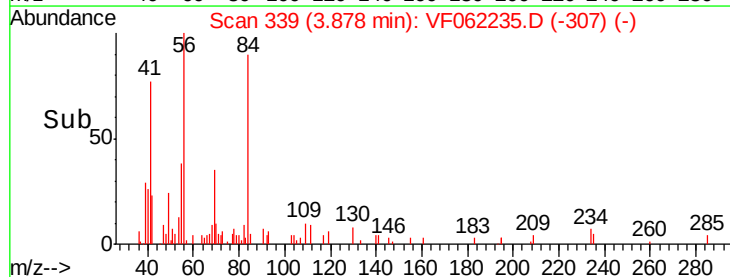
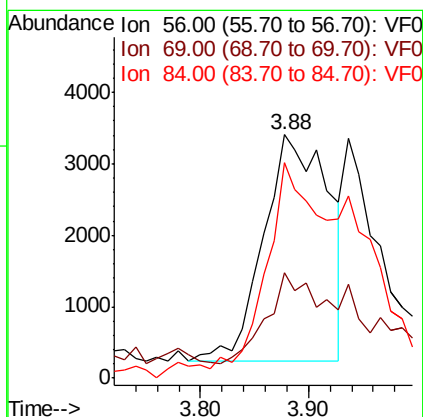
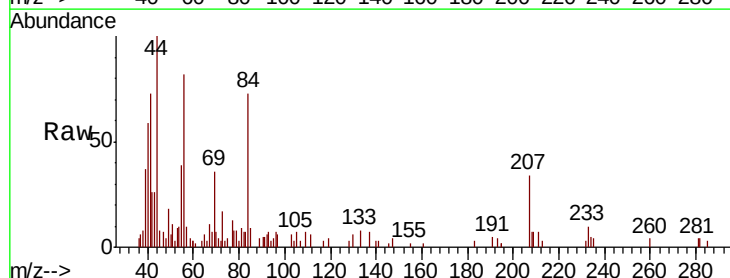
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

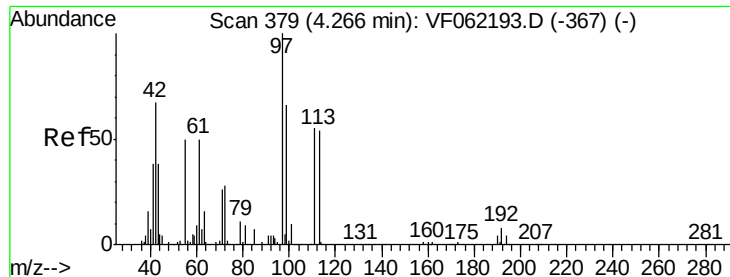
Tot Ion: 83 Resp: 24836  
Ion Ratio Lower Upper  
83 100  
85 53.8 51.8 77.8



#31  
Cyclohexane  
Concen: 1.530 ug/l  
RT: 3.88 min Scan# 339  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion: 56 Resp: 13371  
Ion Ratio Lower Upper  
56 100  
69 36.1 25.1 37.7  
84 89.4 67.8 101.6





#32

1,1,1-Trichloroethane

Concen: 2.168 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

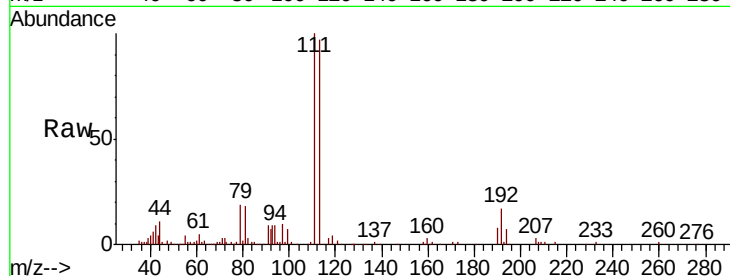
Tot Ion: 97 Resp: 14223

Ion Ratio Lower Upper

97 100

99 65.3 52.7 79.1

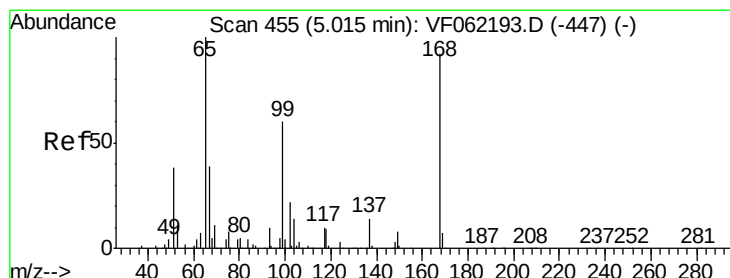
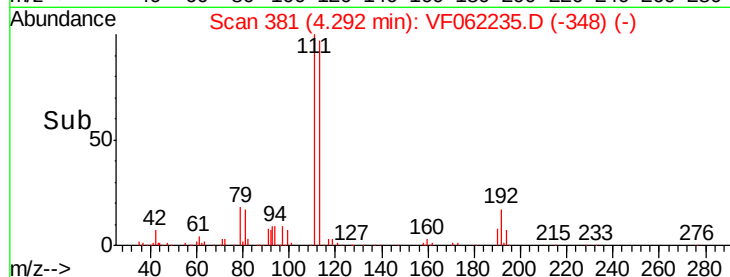
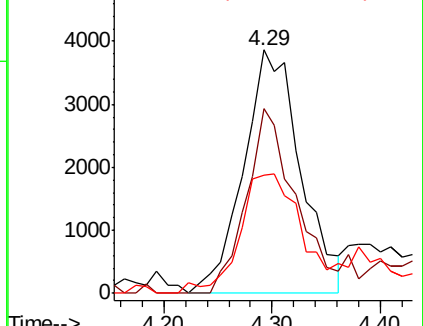
61 51.7 53.0 79.4#



Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 58.214 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.03 min

Lab File: VF062235.D

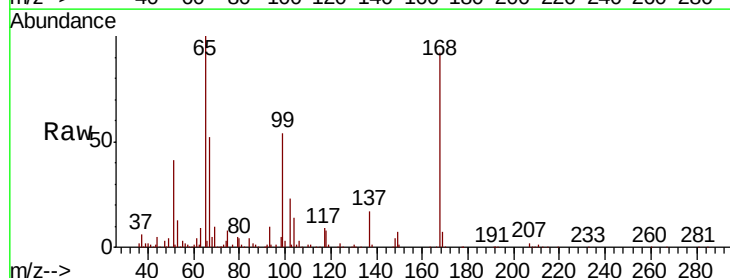
Acq: 19 Apr 2019 20:04

Tgt Ion: 65 Resp: 217609

Ion Ratio Lower Upper

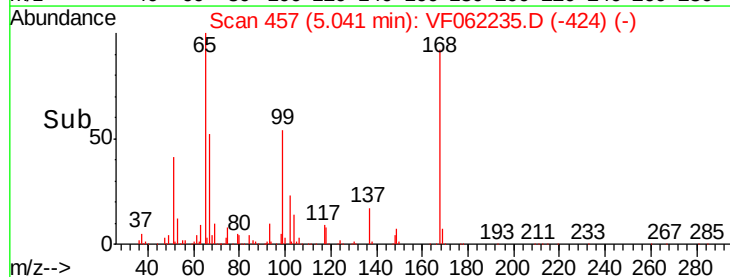
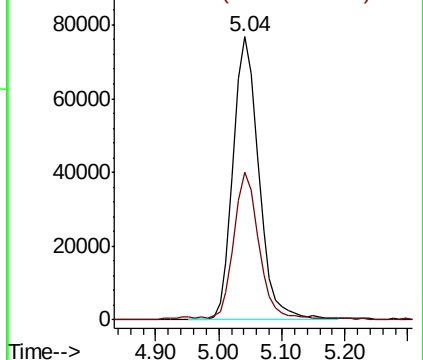
65 100

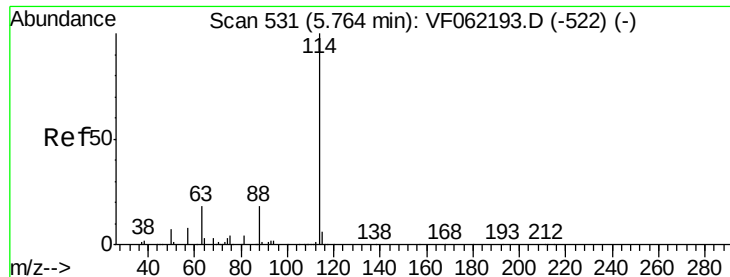
67 50.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

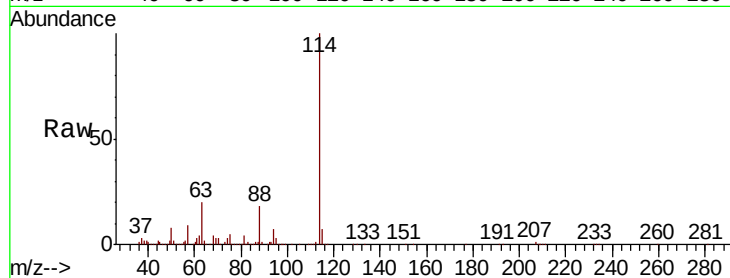
Tot Ion:114 Resp: 578743

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

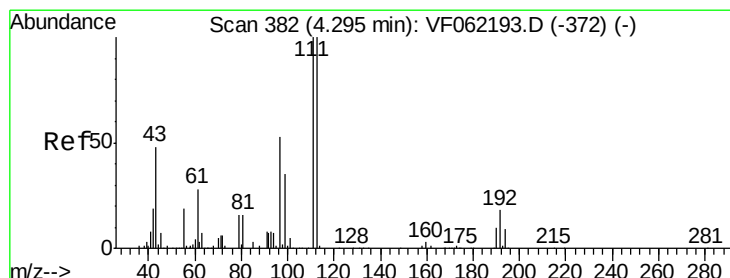
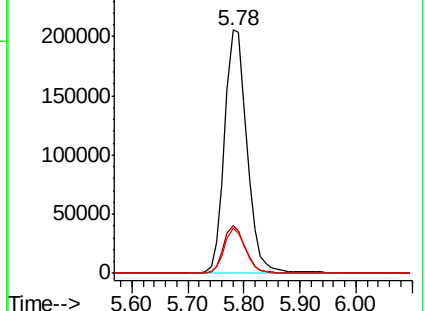
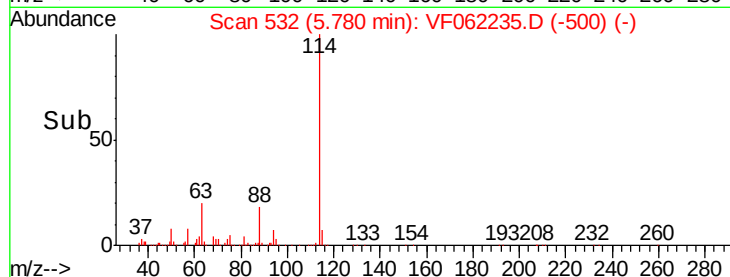
88 18.4 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 57.512 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

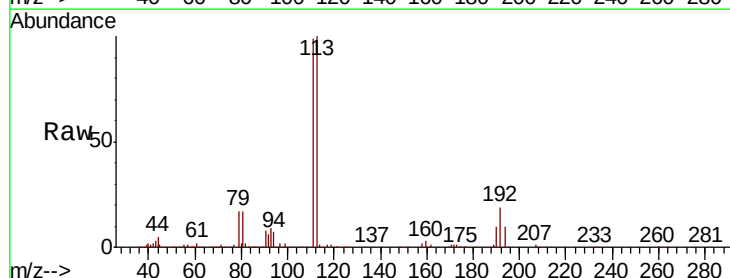
Tgt Ion:113 Resp: 291151

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

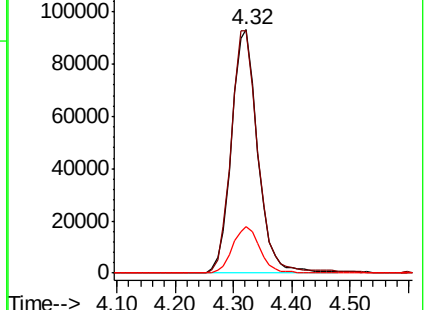
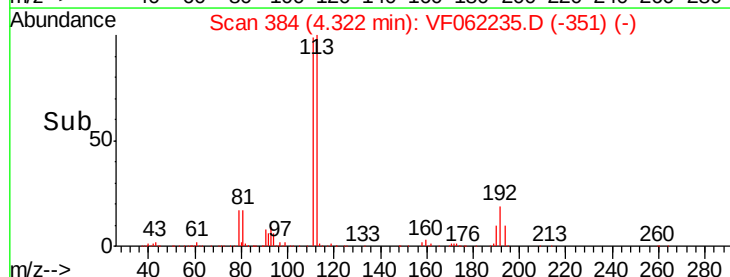
192 20.0 14.7 22.1

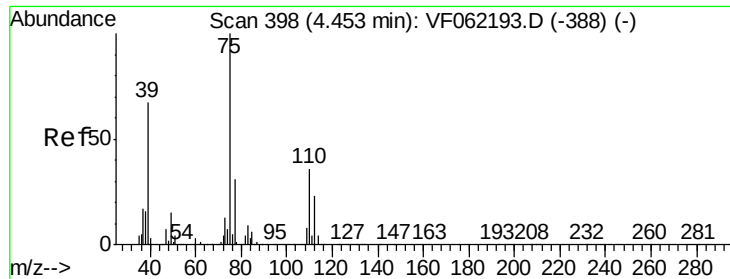


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

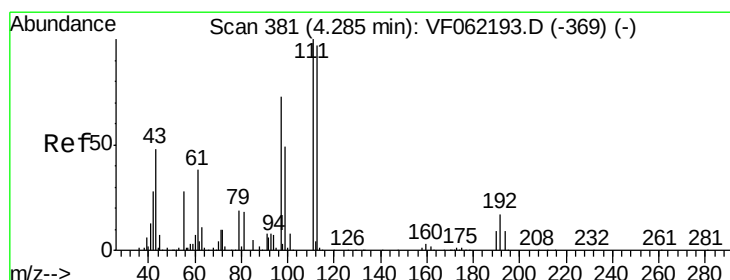
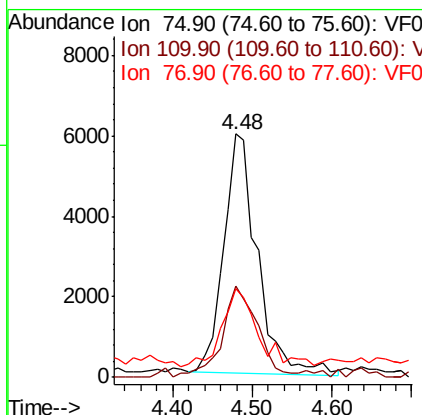
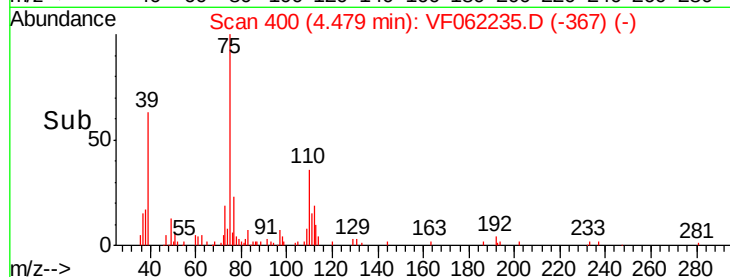
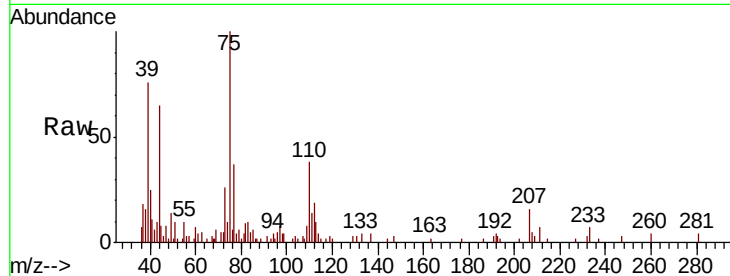




#36  
 1,1-Dichloropropene  
 Concen: 2.535 ug/l  
 RT: 4.48 min Scan# 400  
 Delta R.T. 0.03 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

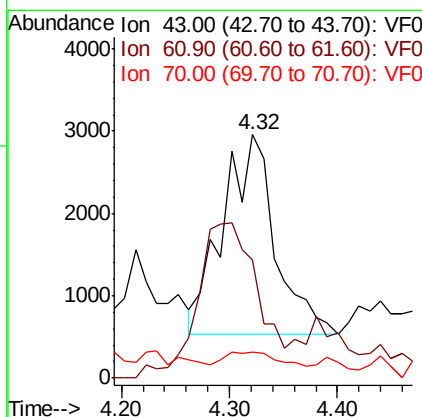
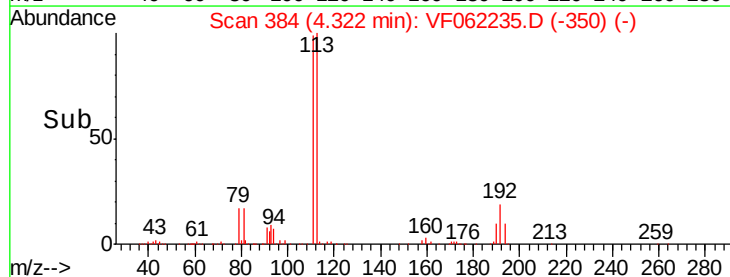
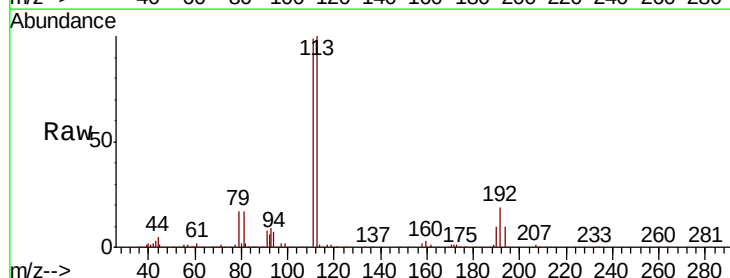
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

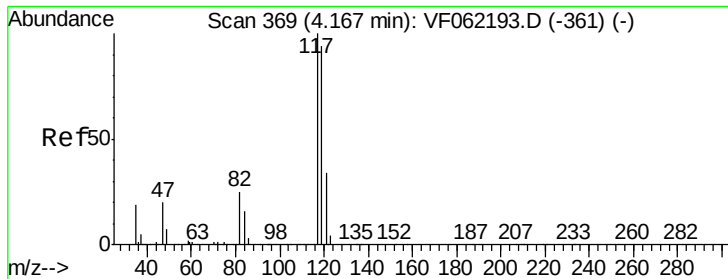
| Tot Ion   | 75    | Resp  | 17592 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 40.1  | 18.4  | 55.2  |
| 77        | 35.1  | 25.4  | 38.2  |



#37  
 Ethyl Acetate  
 Concen: 2.476 ug/l  
 RT: 4.32 min Scan# 384  
 Delta R.T. 0.04 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

| Tgt Ion   | 43    | Resp  | 8108  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 90.8  | 0.0   | 0.0#  |
| 70        | 16.0  | 7.8   | 11.6# |





#38

Carbon Tetrachloride

Concen: 2.635 ug/l

RT: 4.19 min Scan# 371

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

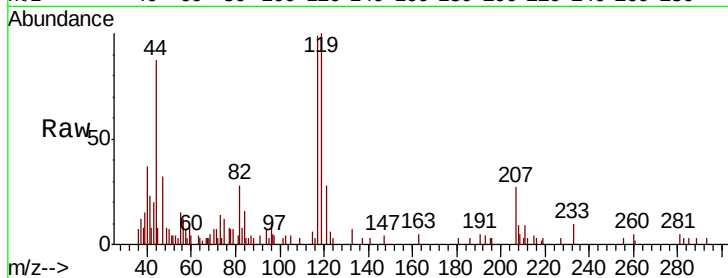
Tot Ion:117 Resp: 16181

Ion Ratio Lower Upper

117 100

119 101.2 75.0 112.4

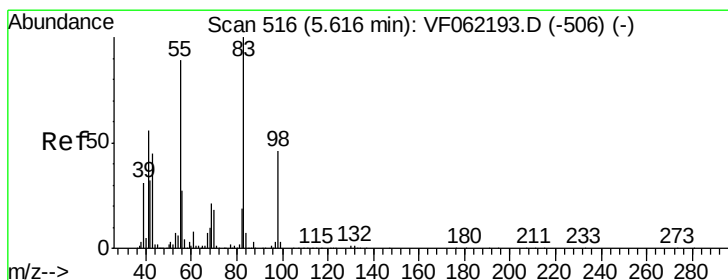
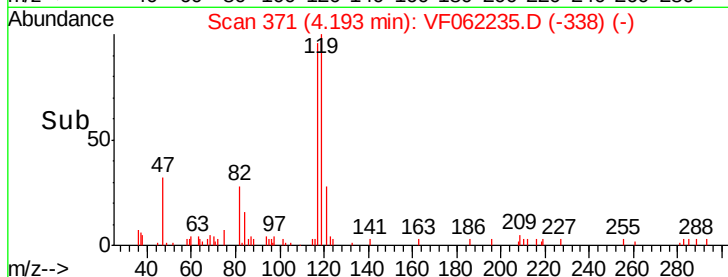
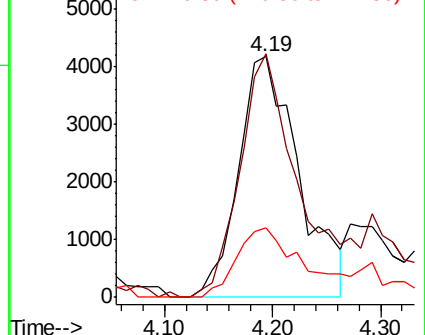
121 28.7 26.9 40.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.390 ug/l

RT: 5.65 min Scan# 519

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

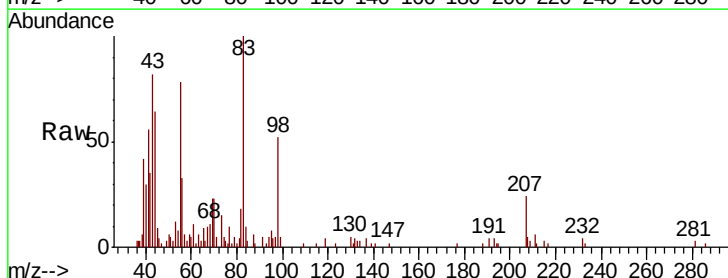
Tgt Ion: 83 Resp: 19852

Ion Ratio Lower Upper

83 100

55 70.4 71.0 106.6#

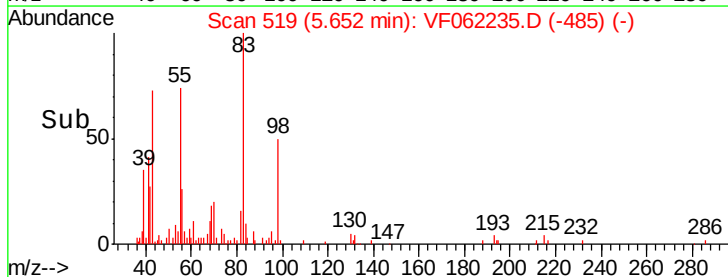
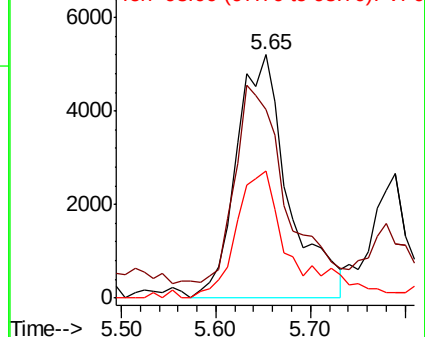
98 52.2 36.7 55.1

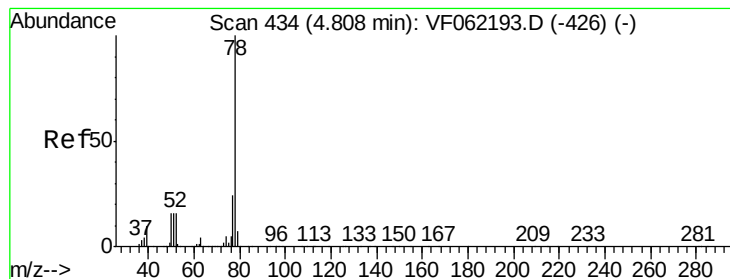


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 2.534 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

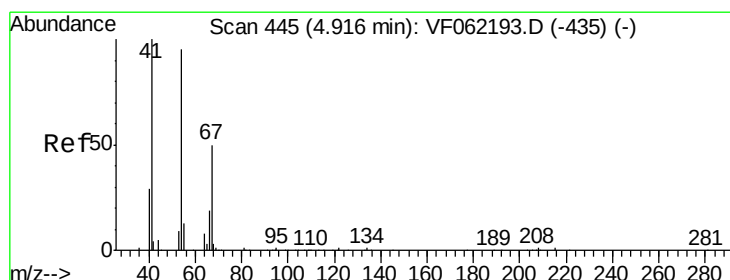
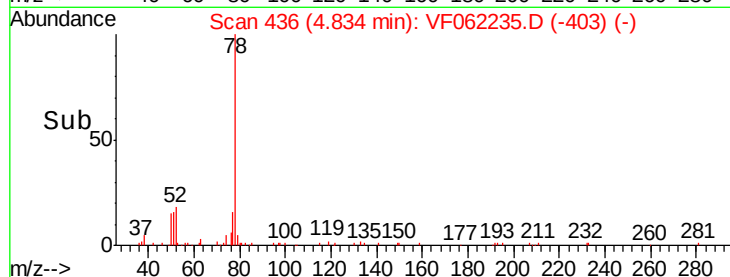
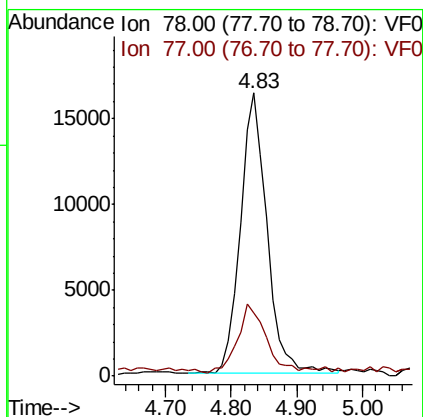
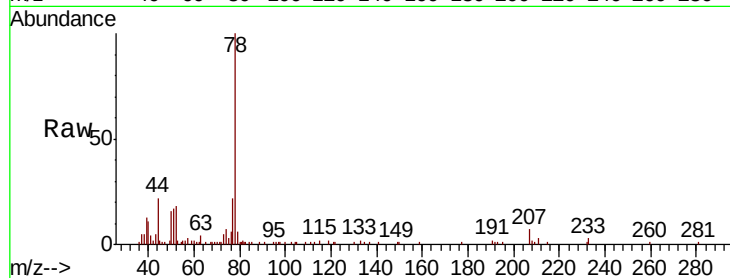
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 78 Resp: 46117

Ion Ratio Lower Upper

78 100

77 20.6 18.9 28.3



#41

Methacrylonitrile

Concen: 3.375 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tgt Ion: 41 Resp: 6375

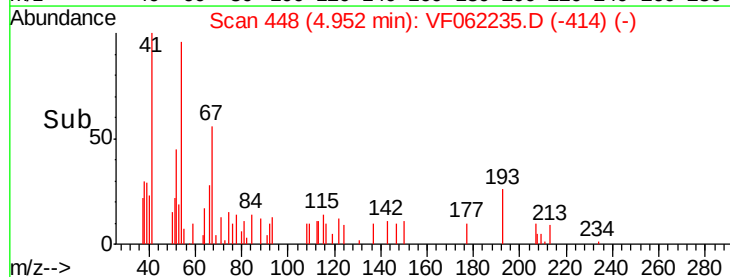
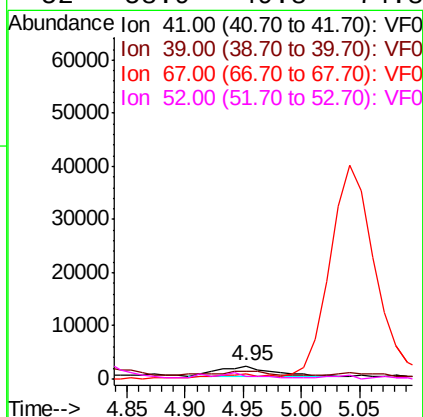
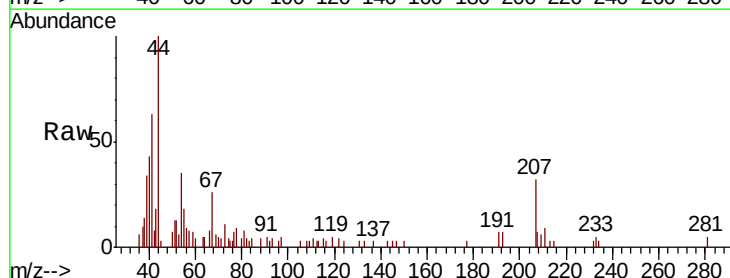
Ion Ratio Lower Upper

41 100

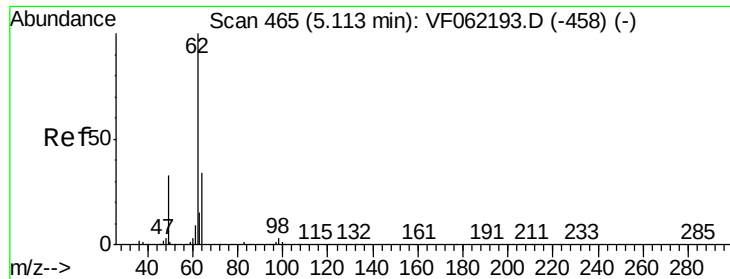
39 52.0 44.7 67.1

67 56.7 39.1 58.7

52 58.9 49.8 74.8







#42

1,2-Dichloroethane

Concen: 2.500 ug/l

RT: 5.14 min Scan# 467

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

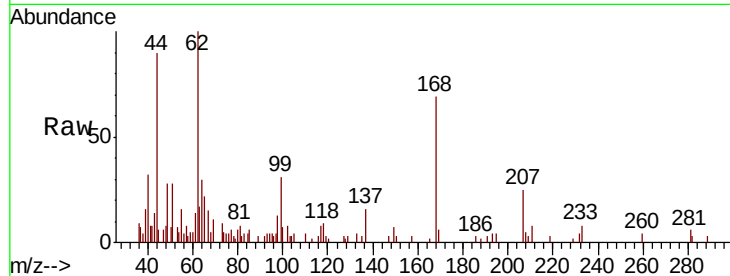
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 62 Resp: 12028

Ion Ratio Lower Upper

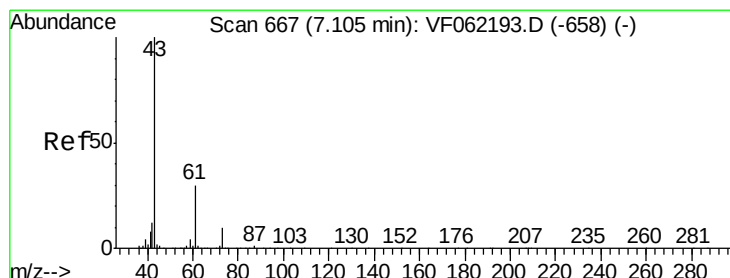
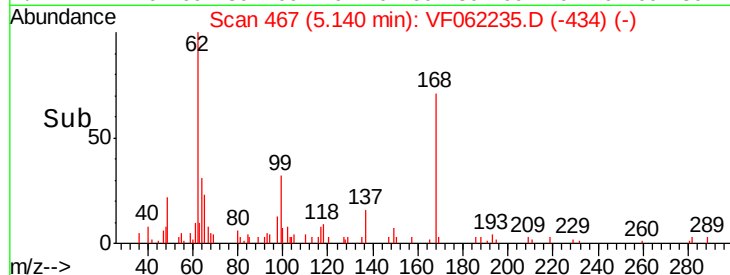
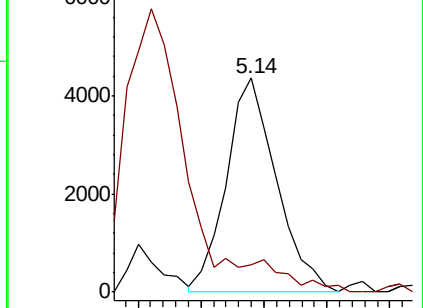
62 100

98 0.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#43

Isopropyl Acetate

Concen: 2.619 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

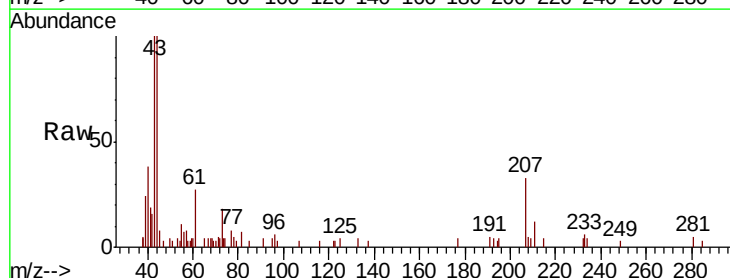
Tgt Ion: 43 Resp: 9019

Ion Ratio Lower Upper

43 100

61 31.8 24.4 36.6

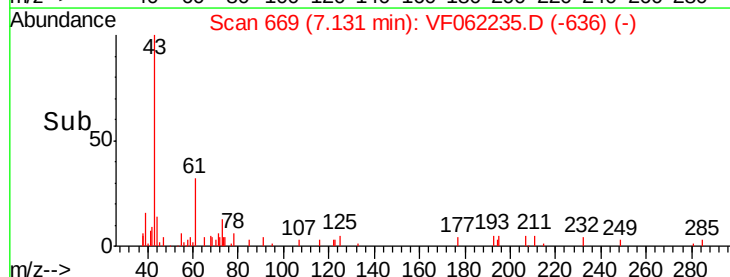
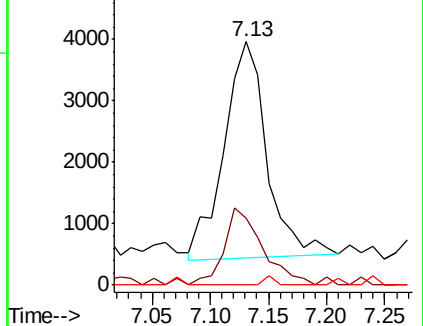
87 0.0 0.4 0.6#

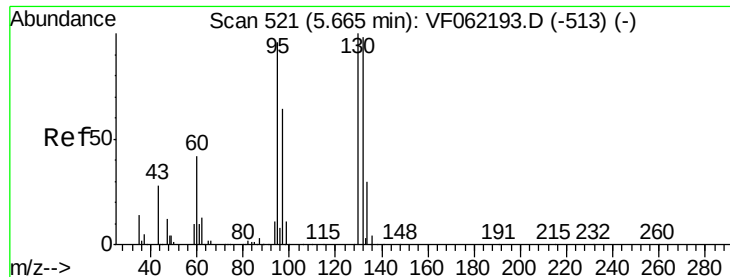


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#44

Trichloroethene

Concen: 2.876 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

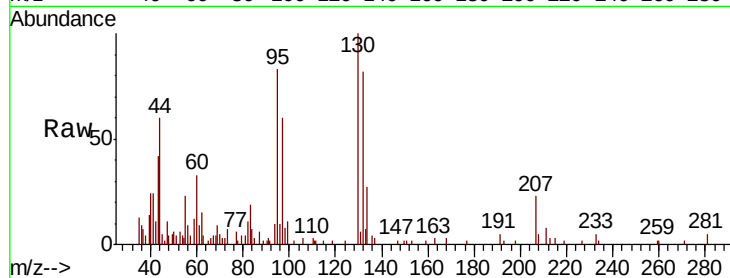
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:130 Resp: 14142

Ion Ratio Lower Upper

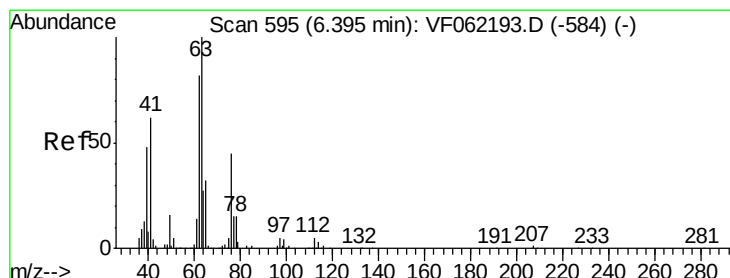
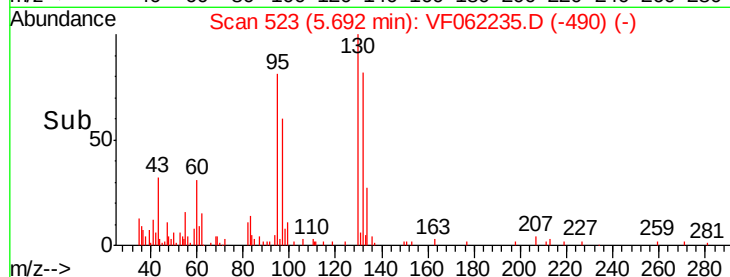
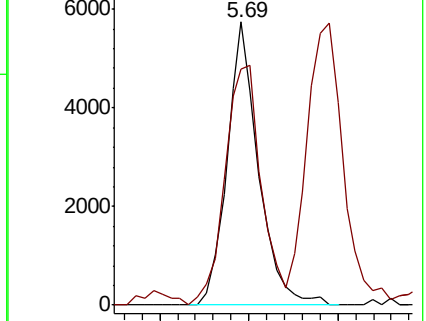
130 100

95 83.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 2.398 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.04 min

Lab File: VF062235.D

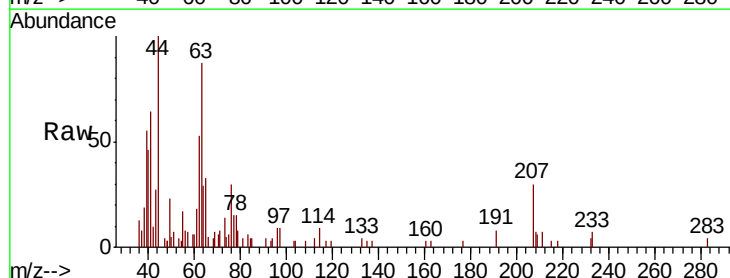
Acq: 19 Apr 2019 20:04

Tgt Ion: 63 Resp: 9612

Ion Ratio Lower Upper

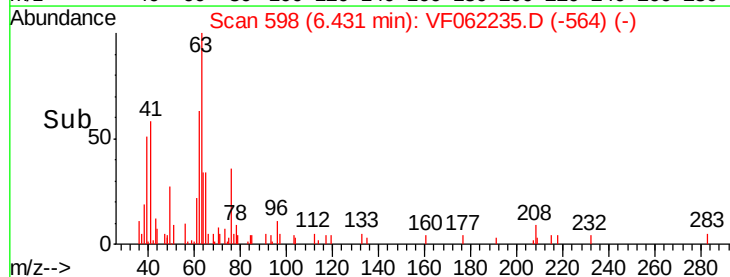
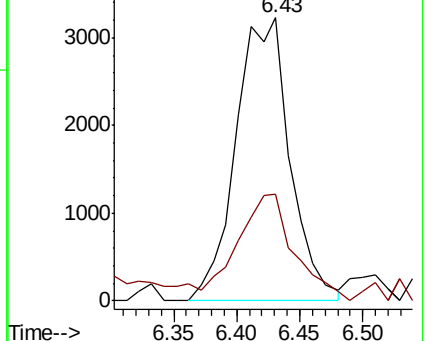
63 100

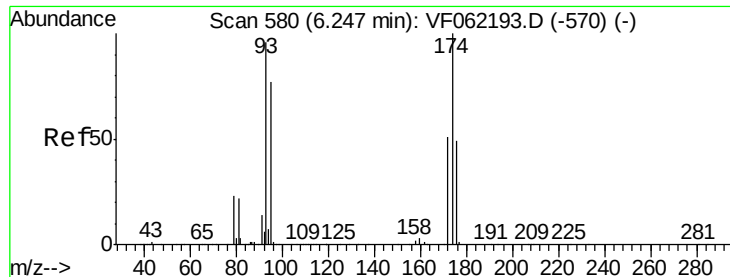
65 34.7 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0





#46

Dibromomethane

Concen: 2.811 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

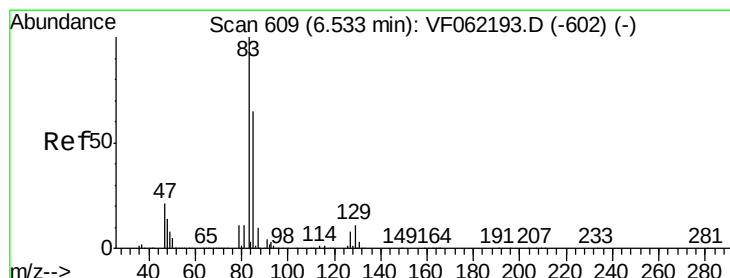
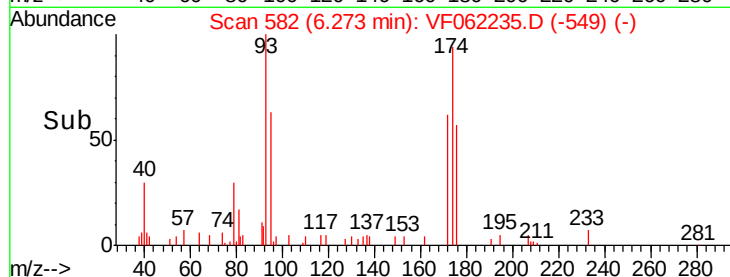
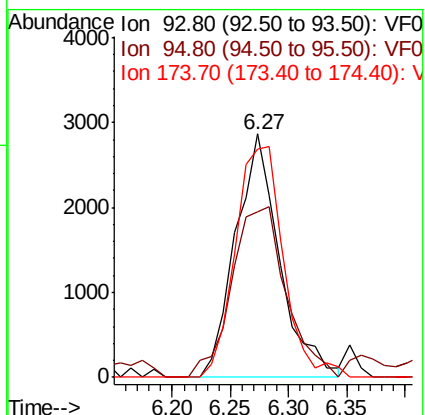
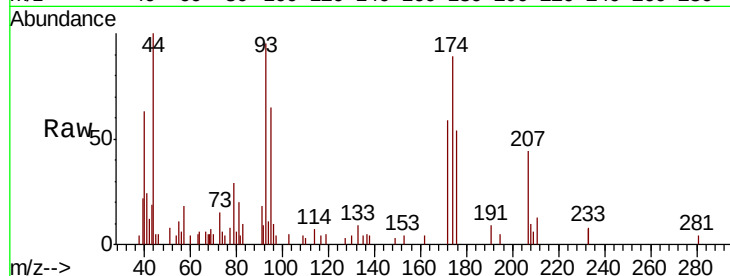
Tot Ion: 93 Resp: 7499

Ion Ratio Lower Upper

93 100

95 86.4 65.1 97.7

174 103.8 81.8 122.6



#47

Bromodichloromethane

Concen: 2.695 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

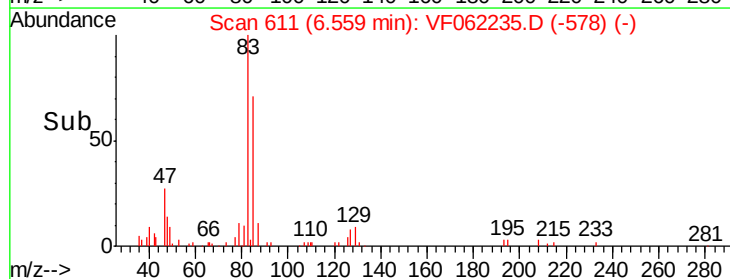
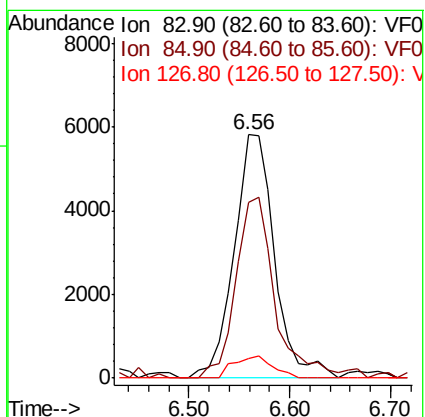
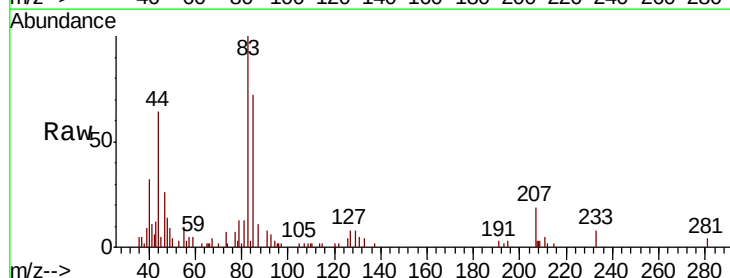
Tgt Ion: 83 Resp: 16219

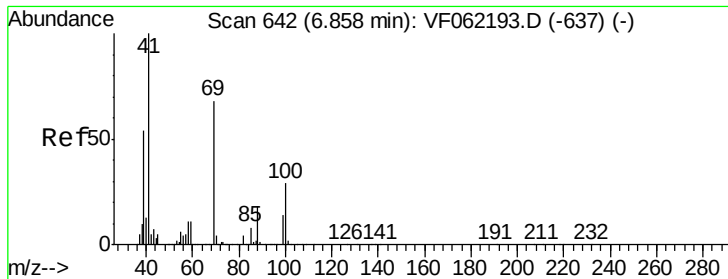
Ion Ratio Lower Upper

83 100

85 72.5 52.2 78.4

127 8.1 6.7 10.1

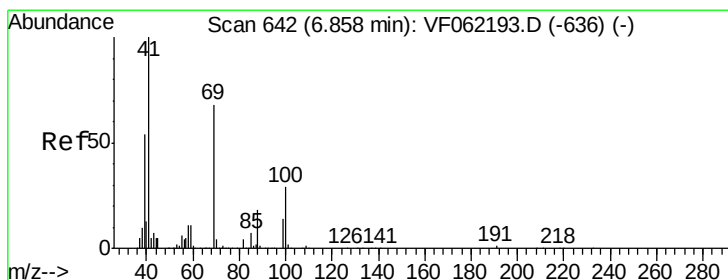
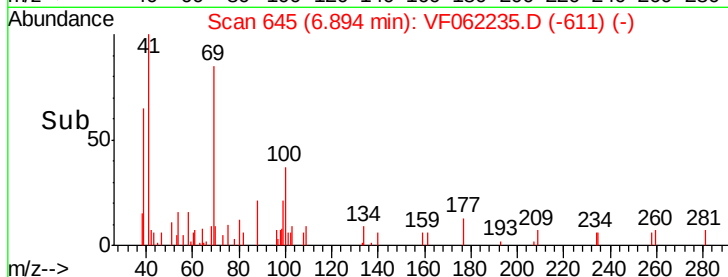
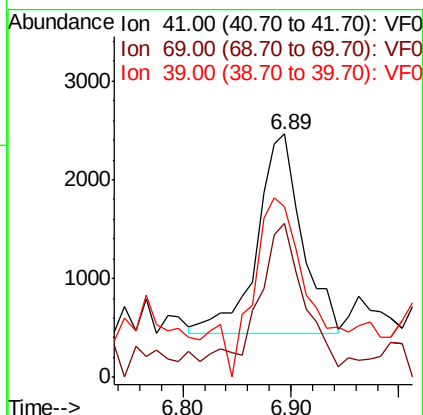
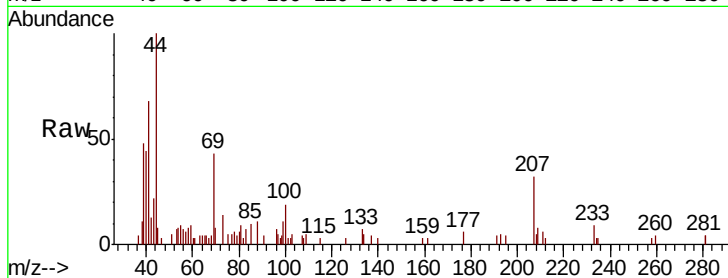




#48  
Methyl methacrylate  
Concen: 2.564 ug/l  
RT: 6.89 min Scan# 645  
Delta R.T. 0.04 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

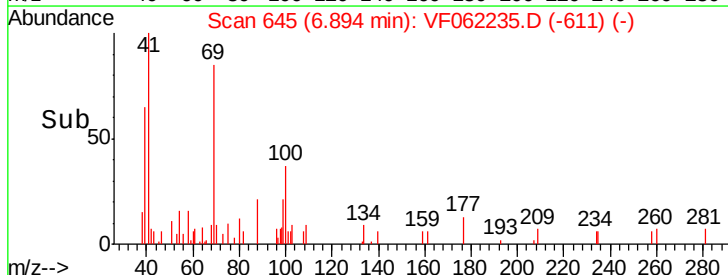
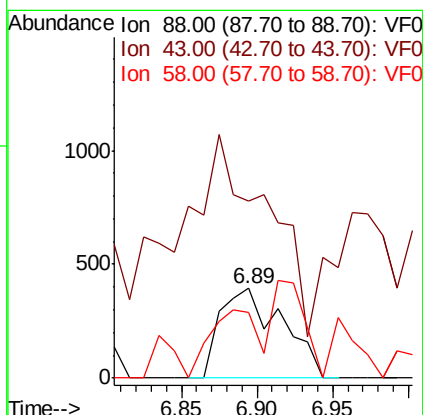
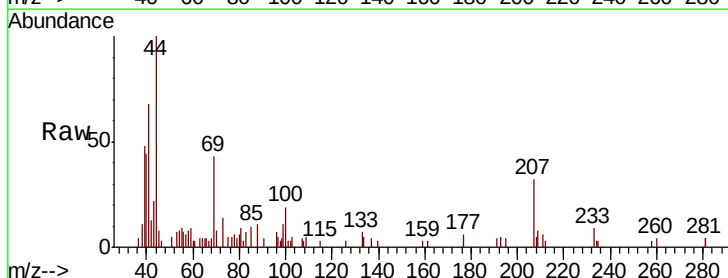
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

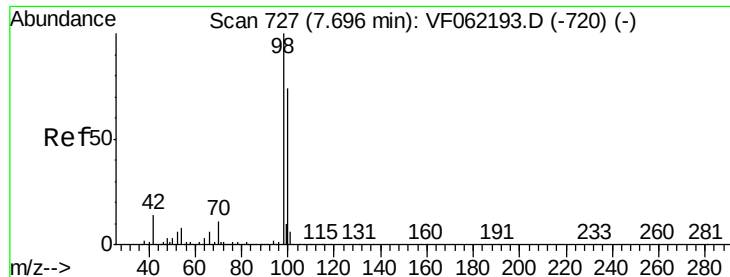
Tot Ion: 41 Resp: 5802  
Ion Ratio Lower Upper  
41 100  
69 82.2 54.9 82.3  
39 110.3 43.6 65.4#



#49  
1,4-Dioxane  
Concen: 43.267 ug/l  
RT: 6.89 min Scan# 645  
Delta R.T. 0.04 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion: 88 Resp: 1123  
Ion Ratio Lower Upper  
88 100  
43 318.9 36.9 55.3#  
58 58.1 56.8 85.2





#50

Toluene-d8

Concen: 53.002 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

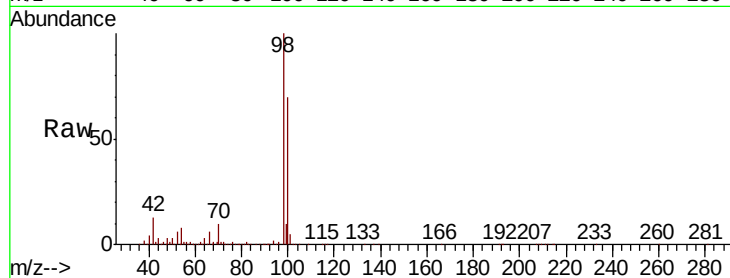
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 98 Resp: 679222

Ion Ratio Lower Upper

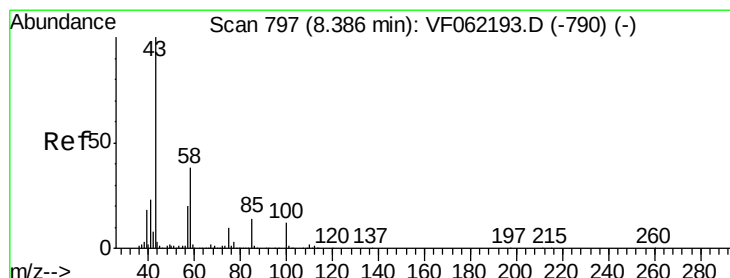
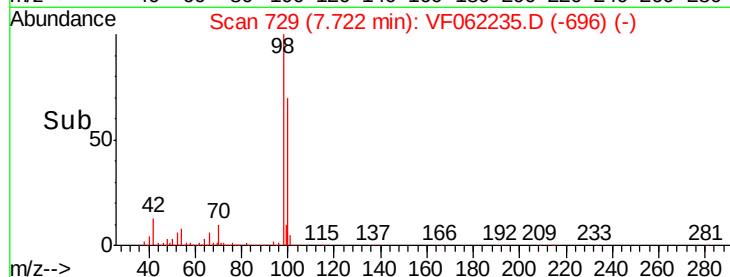
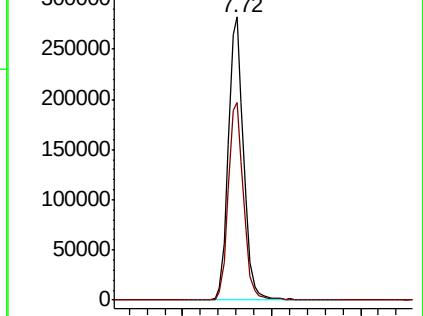
98 100

100 69.7 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 12.941 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.03 min

Lab File: VF062235.D

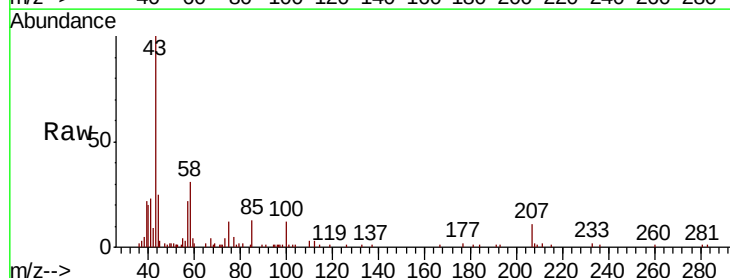
Acq: 19 Apr 2019 20:04

Tgt Ion: 43 Resp: 33146

Ion Ratio Lower Upper

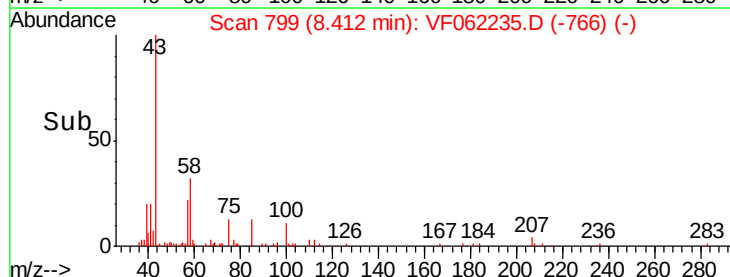
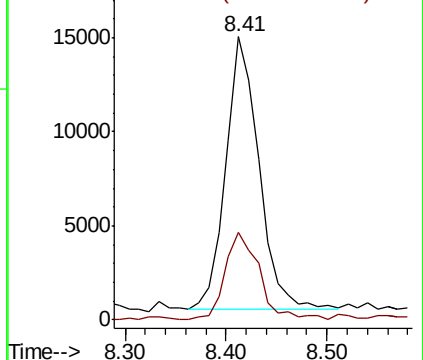
43 100

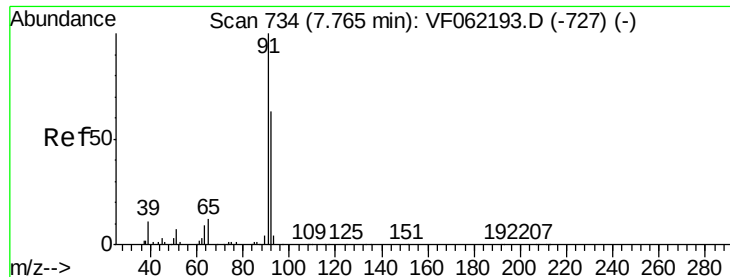
58 33.5 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 2.520 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

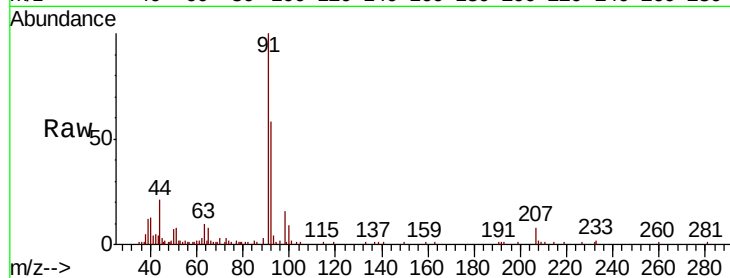
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 92 Resp: 24172

Ion Ratio Lower Upper

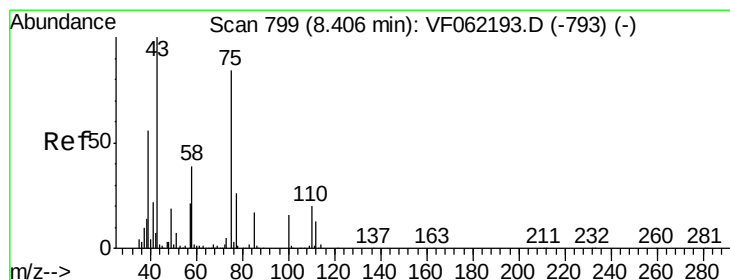
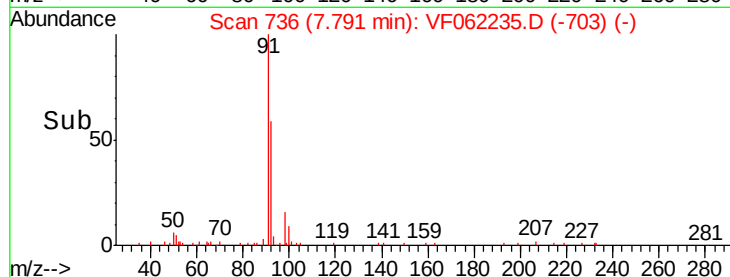
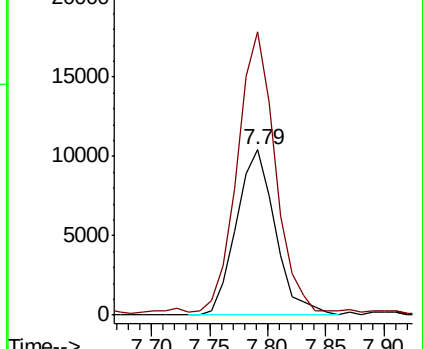
92 100

91 167.8 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#53

t-1,3-Dichloropropene

Concen: 2.792 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.03 min

Lab File: VF062235.D

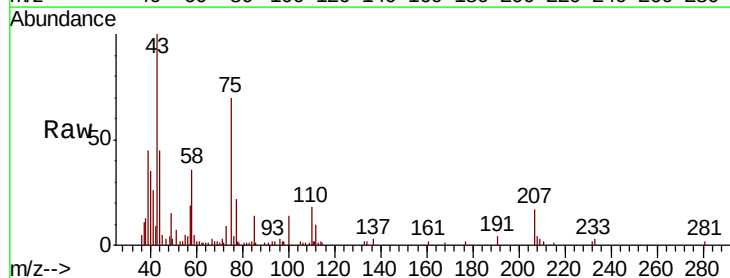
Acq: 19 Apr 2019 20:04

Tgt Ion: 75 Resp: 12624

Ion Ratio Lower Upper

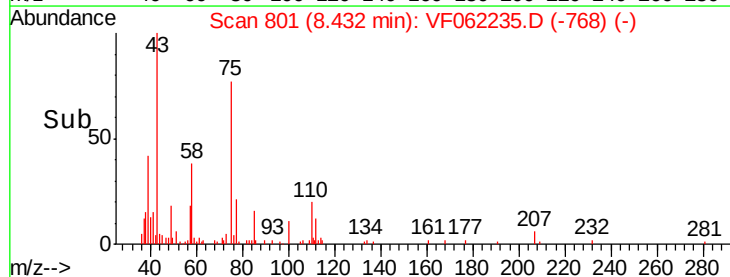
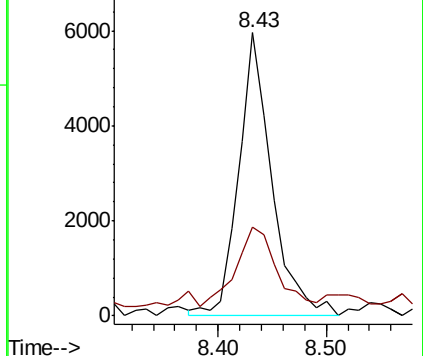
75 100

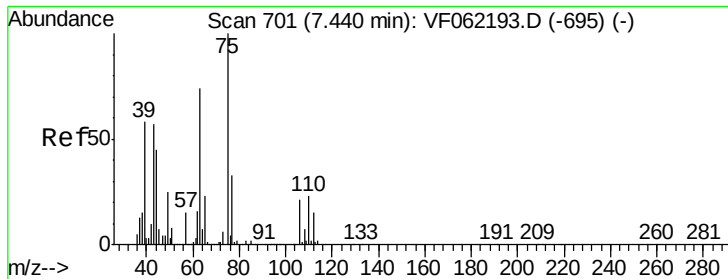
77 24.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0





#54

cis-1,3-Dichloropropene

Concen: 2.598 ug/l

RT: 7.47 min Scan# 703

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

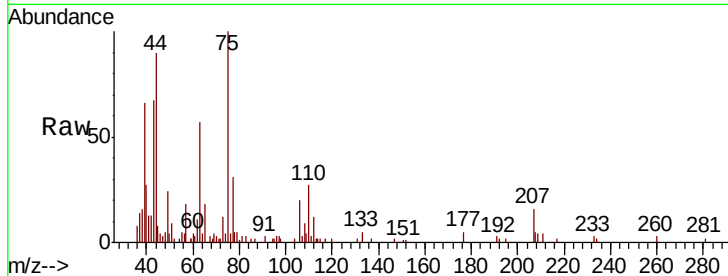
Tot Ion: 75 Resp: 15885

Ion Ratio Lower Upper

75 100

77 29.2 26.4 39.6

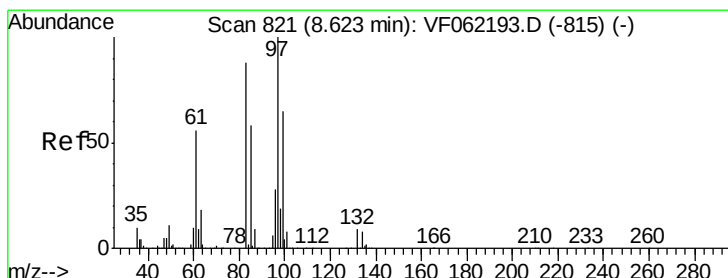
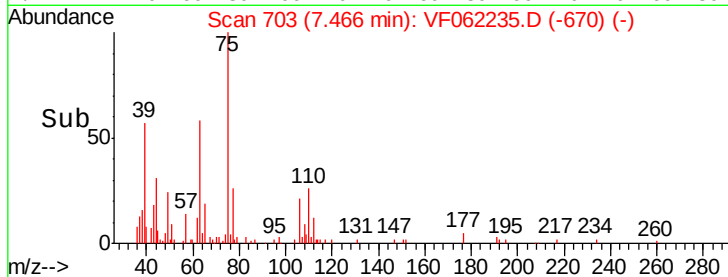
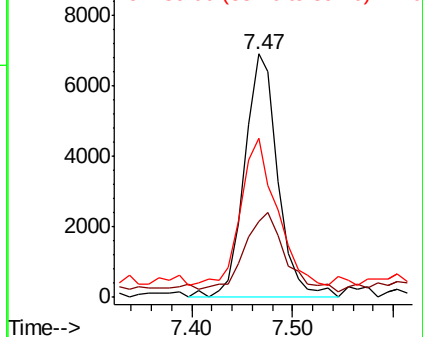
39 60.5 46.7 70.1



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 3.044 ug/l

RT: 8.64 min Scan# 822

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tgt Ion: 97 Resp: 8181

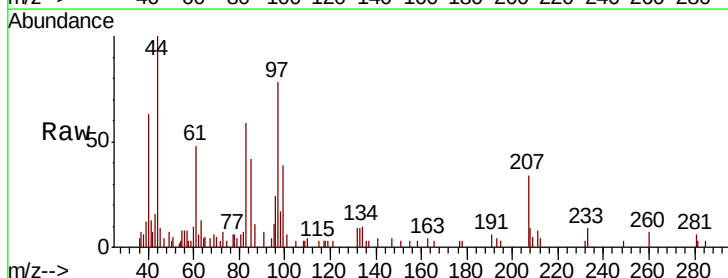
Ion Ratio Lower Upper

97 100

83 70.4 70.2 105.2

85 53.1 46.2 69.4

99 50.0 52.2 78.4#

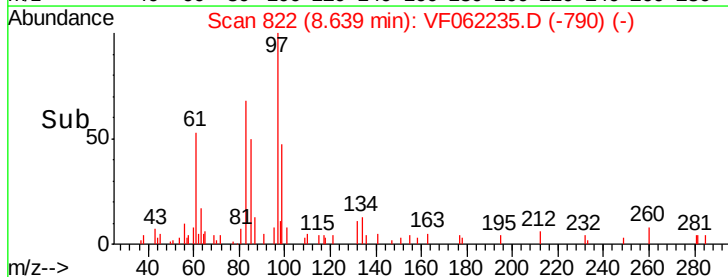
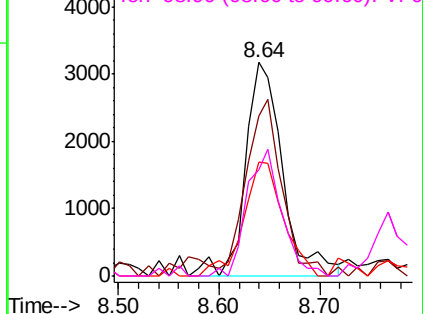


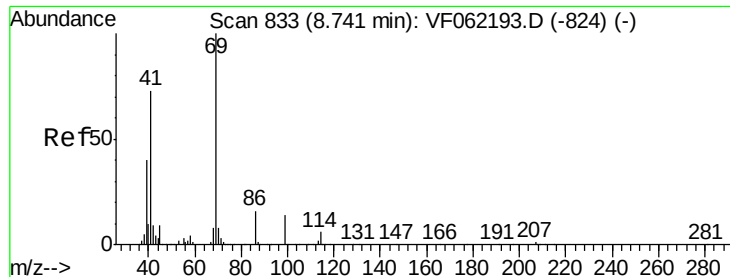
Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0





#56

Ethyl methacrylate

Concen: 2.604 ug/l

RT: 8.77 min Scan# 835

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

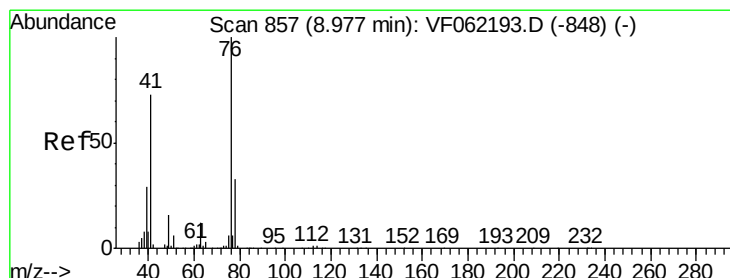
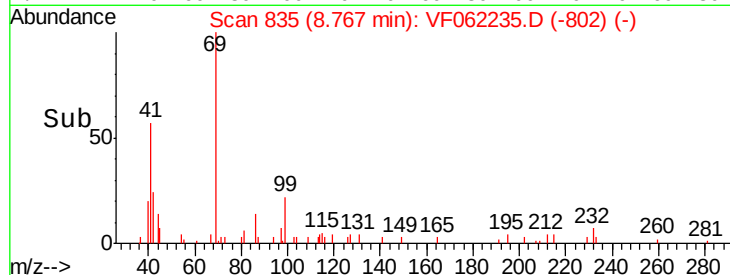
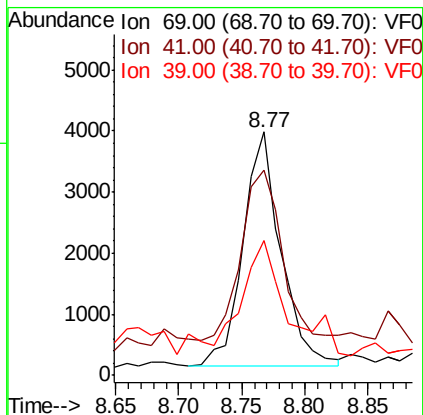
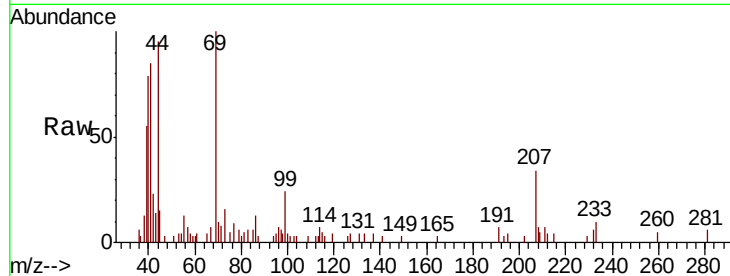
Tot Ion: 69 Resp: 7958

Ion Ratio Lower Upper

69 100

41 80.8 61.5 92.3

39 64.1 33.3 49.9#



#57

1,3-Dichloropropane

Concen: 2.682 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.03 min

Lab File: VF062235.D

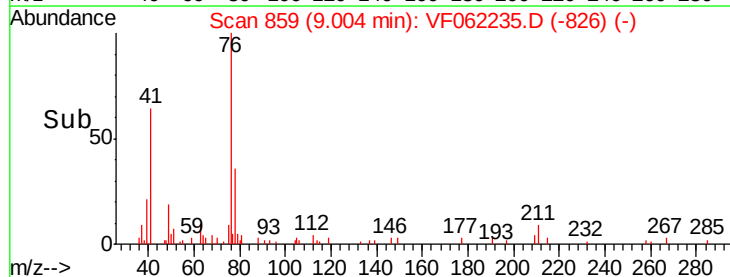
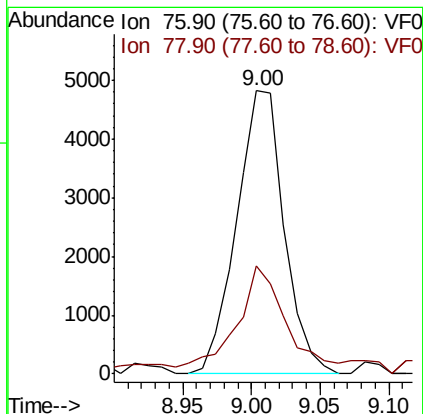
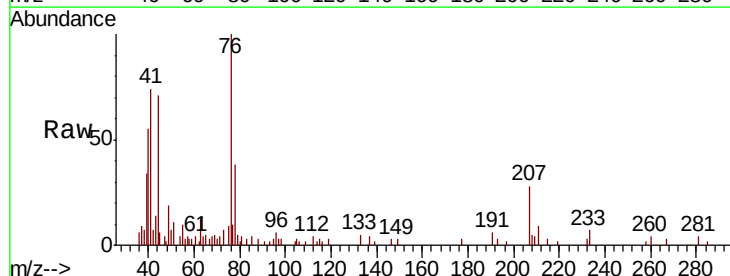
Acq: 19 Apr 2019 20:04

Tgt Ion: 76 Resp: 11638

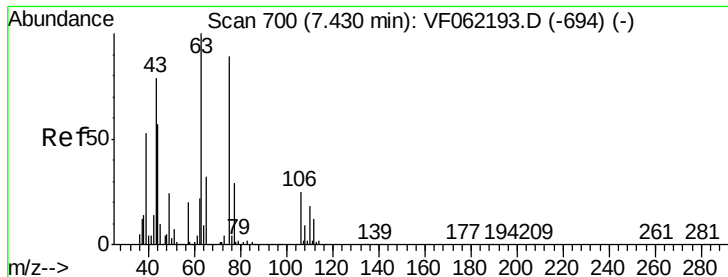
Ion Ratio Lower Upper

76 100

78 34.6 26.5 39.7







#58

2-Chloroethyl Vinyl ether

Concen: 12.930 ug/l

RT: 7.46 min Scan# 702

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

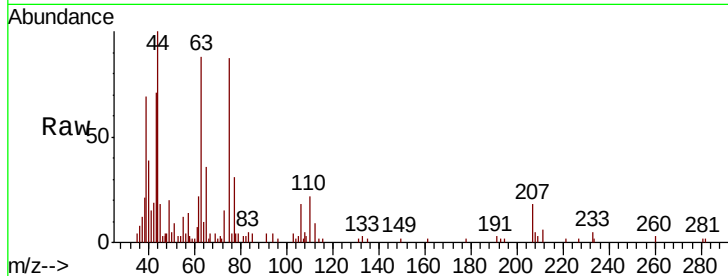
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 63 Resp: 11471

Ion Ratio Lower Upper

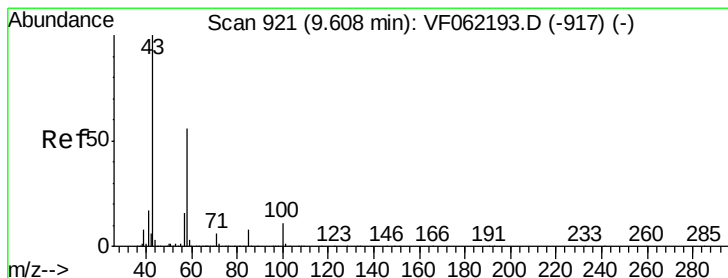
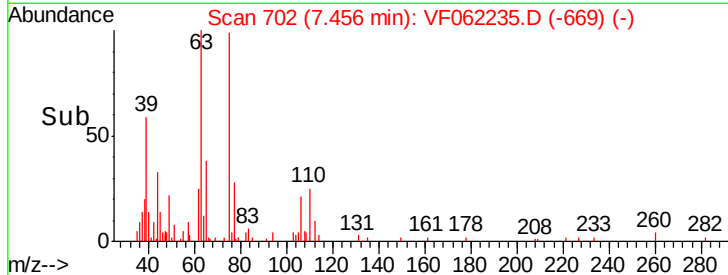
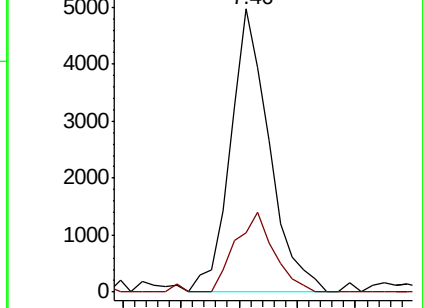
63 100

106 28.3 21.4 32.0



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 14.676 ug/l

RT: 9.63 min Scan# 923

Delta R.T. 0.03 min

Lab File: VF062235.D

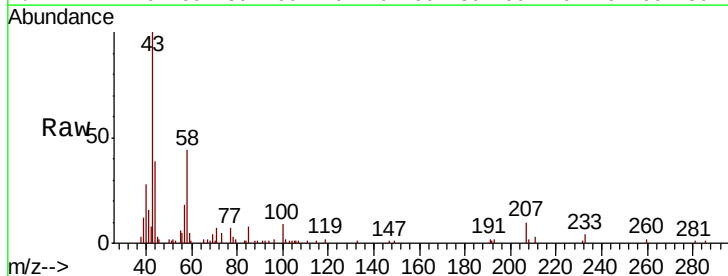
Acq: 19 Apr 2019 20:04

Tgt Ion: 43 Resp: 23236

Ion Ratio Lower Upper

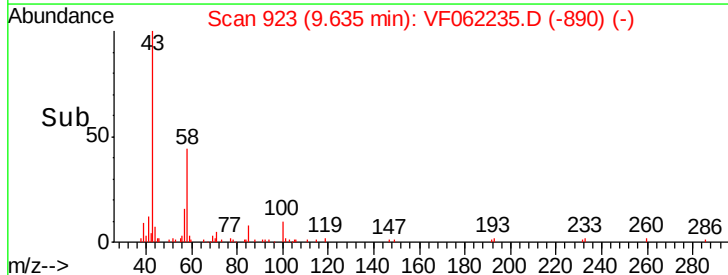
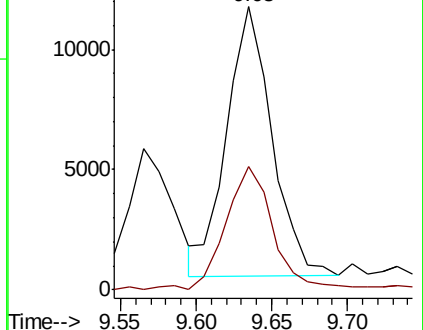
43 100

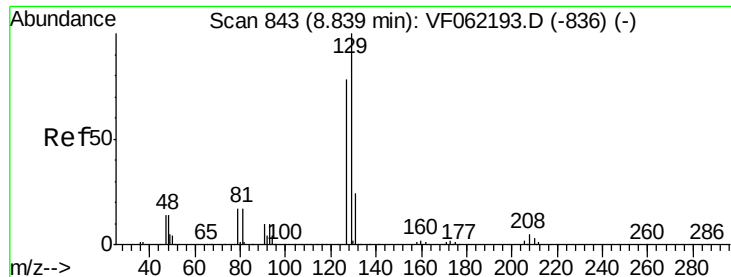
58 49.1 24.6 74.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#60

Dibromochloromethane

Concen: 2.786 ug/l

RT: 8.87 min Scan# 845

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

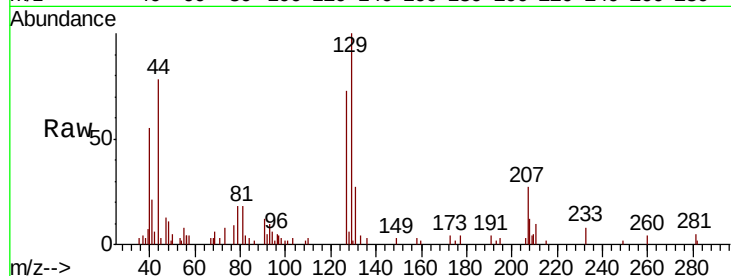
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:129 Resp: 11134

Ion Ratio Lower Upper

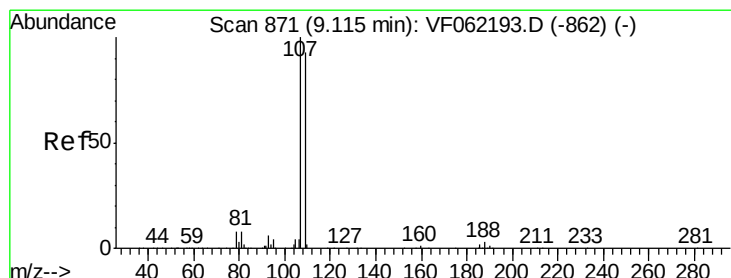
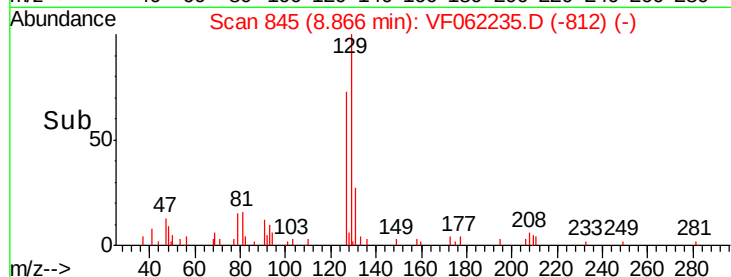
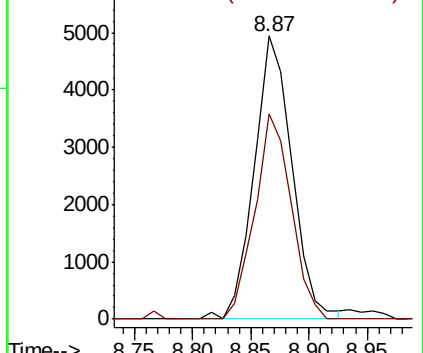
129 100

127 69.5 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.750 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.03 min

Lab File: VF062235.D

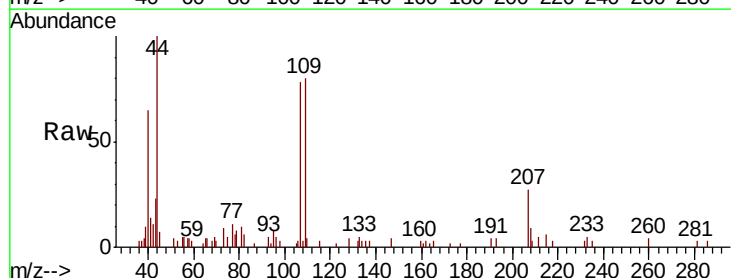
Acq: 19 Apr 2019 20:04

Tgt Ion:107 Resp: 8328

Ion Ratio Lower Upper

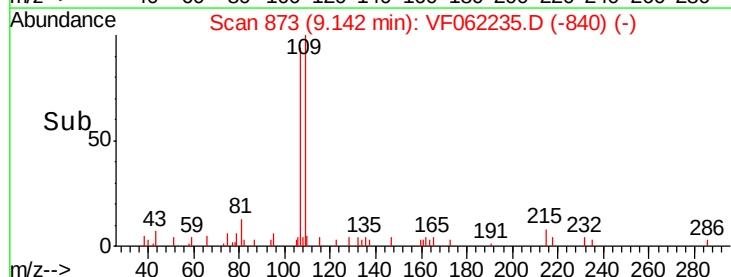
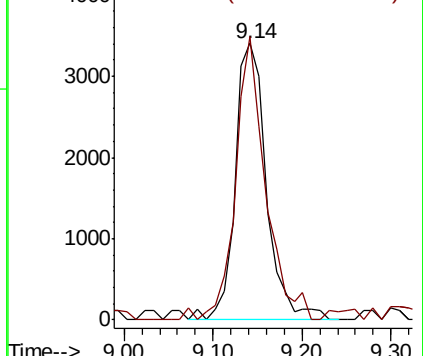
107 100

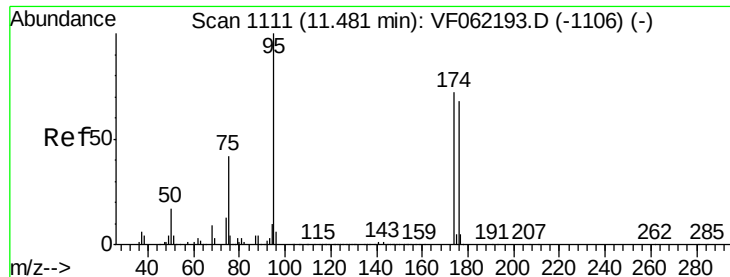
109 97.5 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 56.598 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

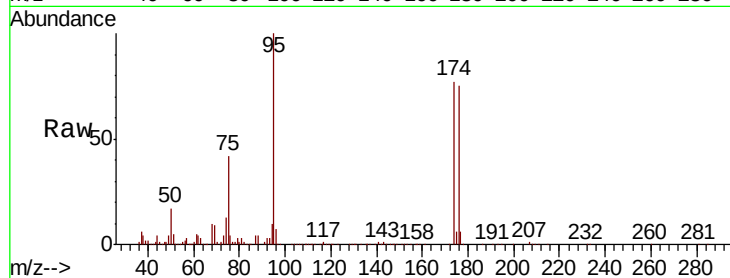
Tot Ion: 95 Resp: 279019

Ion Ratio Lower Upper

95 100

174 89.8 0.0 159.4

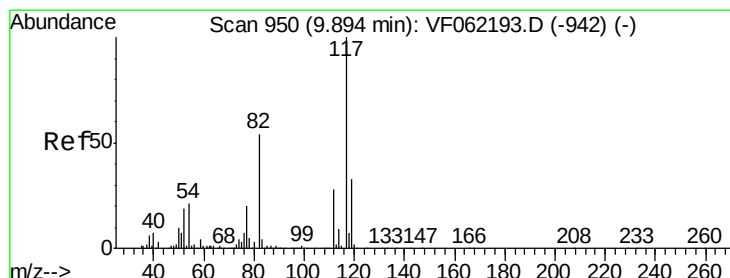
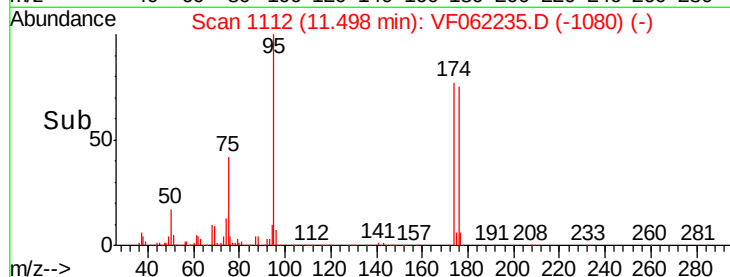
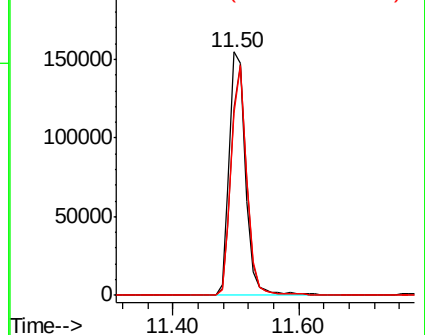
176 89.9 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

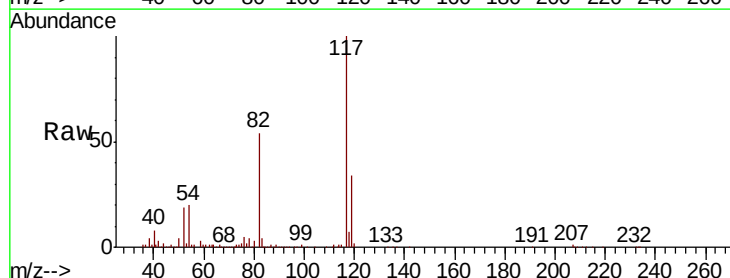
Tgt Ion: 117 Resp: 434560

Ion Ratio Lower Upper

117 100

82 54.4 43.2 64.8

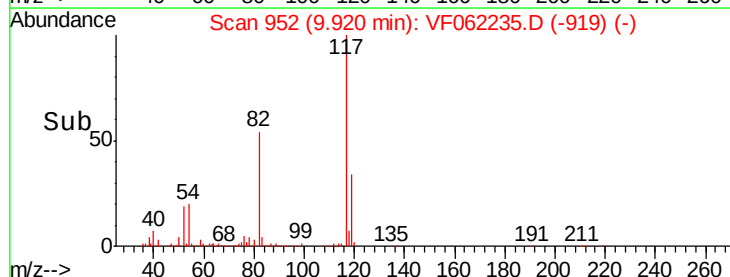
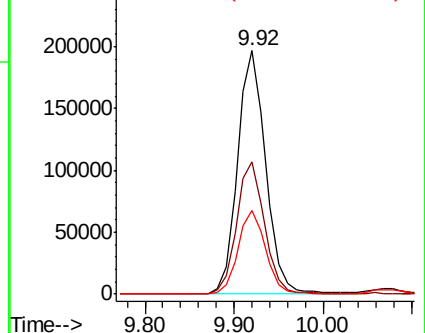
119 34.4 26.2 39.4

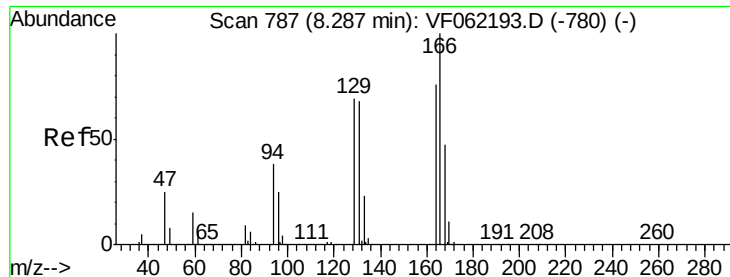


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.008 ug/l

RT: 8.31 min Scan# 789

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:164 Resp: 11801

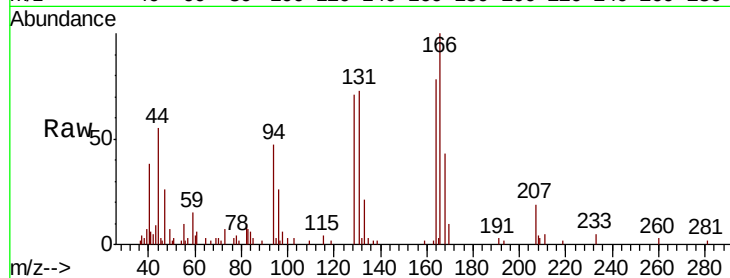
Ion Ratio Lower Upper

164 100

166 127.9 104.7 157.1

129 90.3 72.6 109.0

131 93.2 71.6 107.4

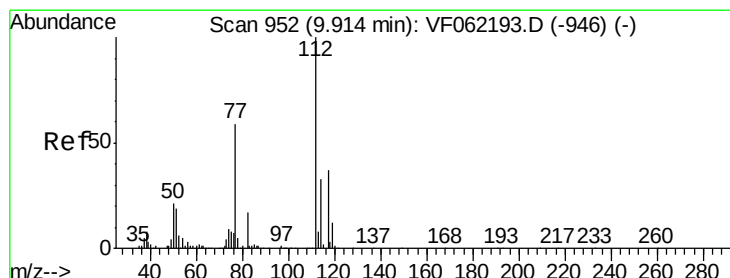
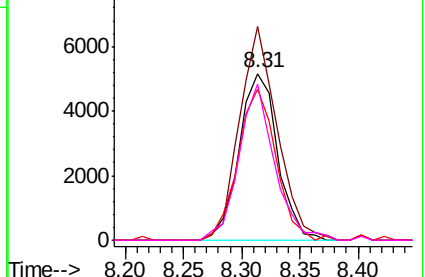
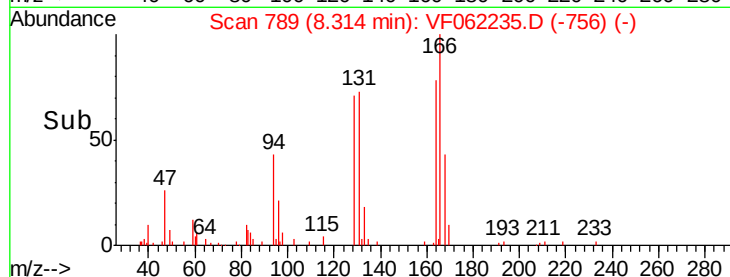


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.734 ug/l

RT: 9.94 min Scan# 954

Delta R.T. 0.03 min

Lab File: VF062235.D

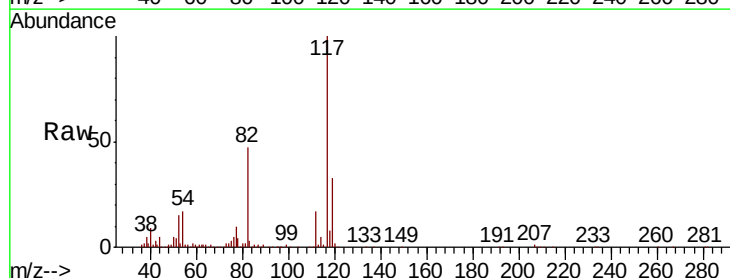
Acq: 19 Apr 2019 20:04

Tgt Ion:112 Resp: 25334

Ion Ratio Lower Upper

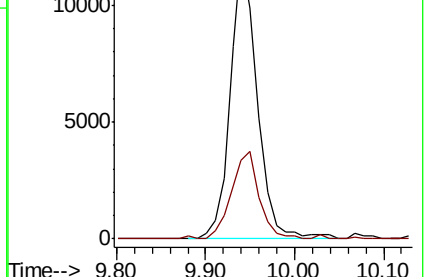
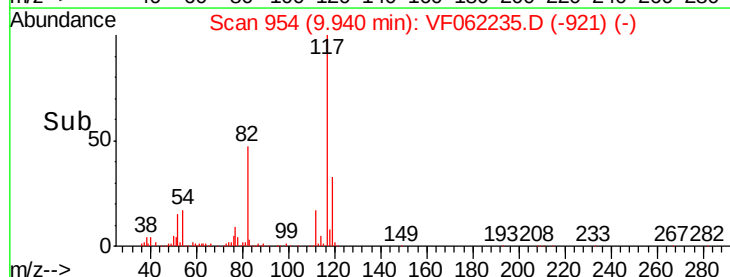
112 100

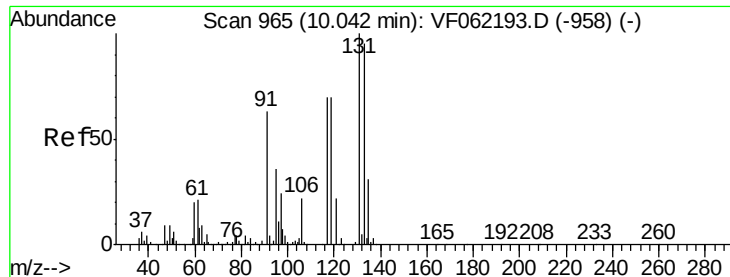
114 27.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 2.875 ug/l

RT: 10.07 min Scan# 967

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

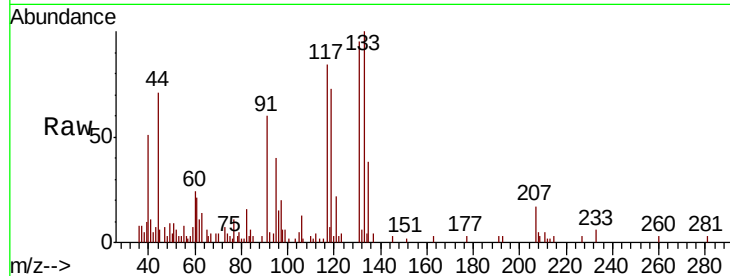
Tot Ion:131 Resp: 12476

Ion Ratio Lower Upper

131 100

133 96.7 47.7 143.1

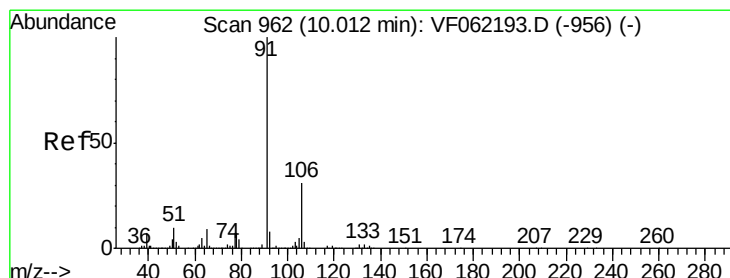
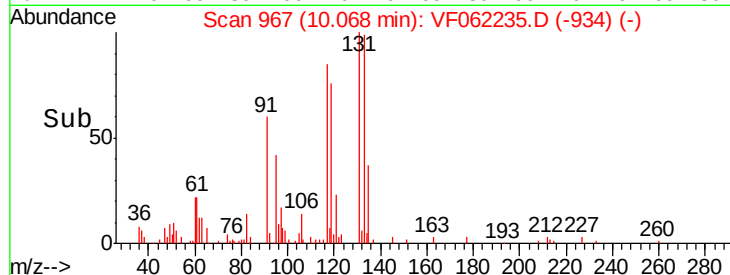
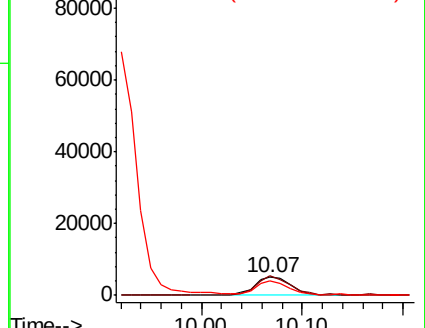
119 70.7 34.6 103.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 2.631 ug/l

RT: 10.04 min Scan# 964

Delta R.T. 0.03 min

Lab File: VF062235.D

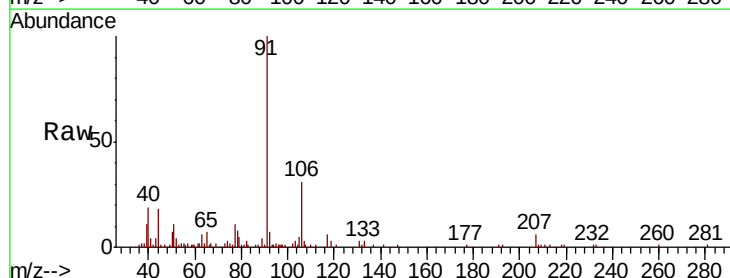
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 44322

Ion Ratio Lower Upper

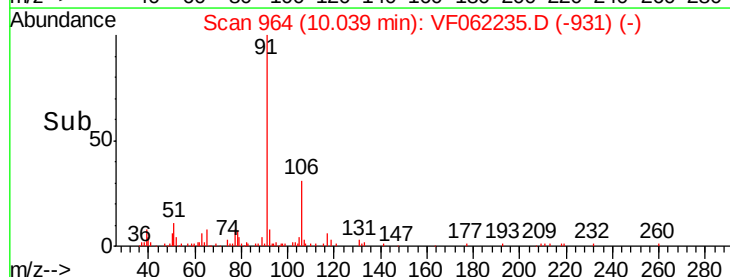
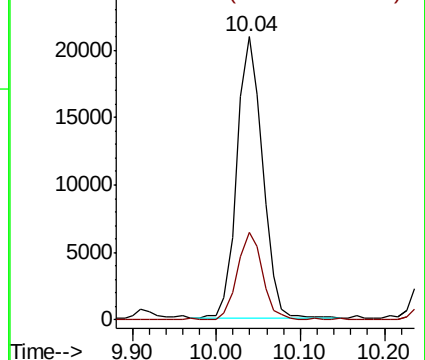
91 100

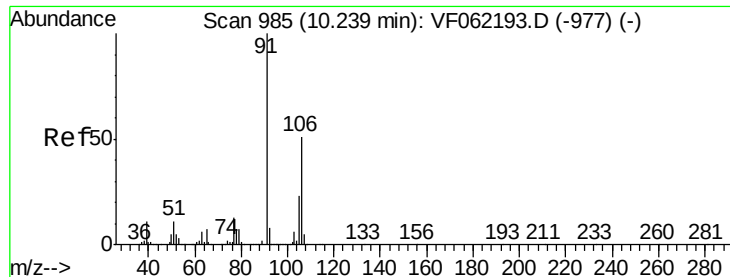
106 30.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

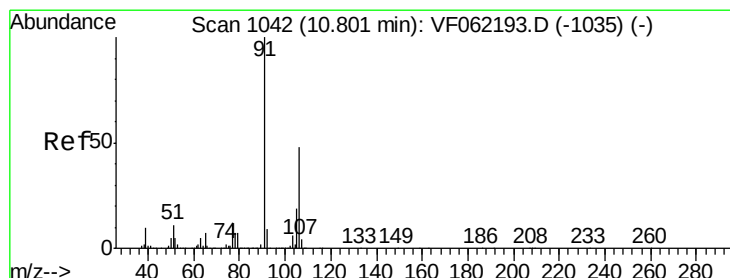
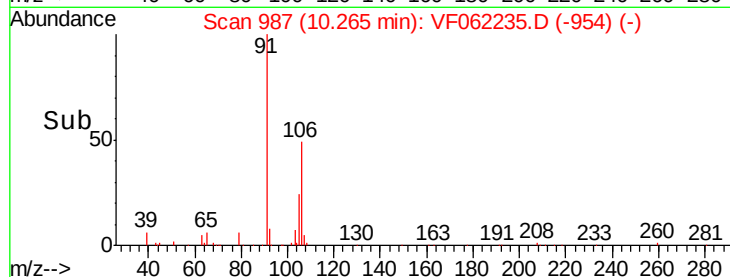
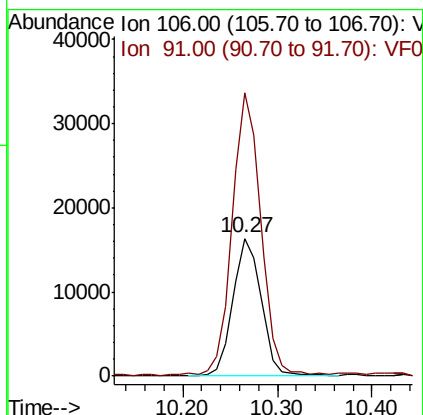
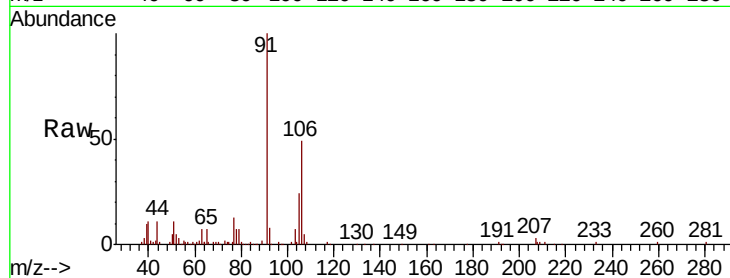




#68  
m/p-Xylenes  
Concen: 5.520 ug/l  
RT: 10.27 min Scan# 987  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

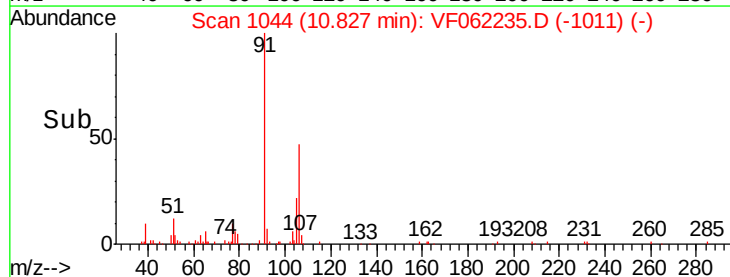
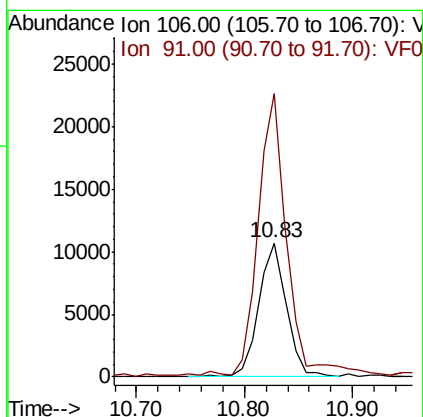
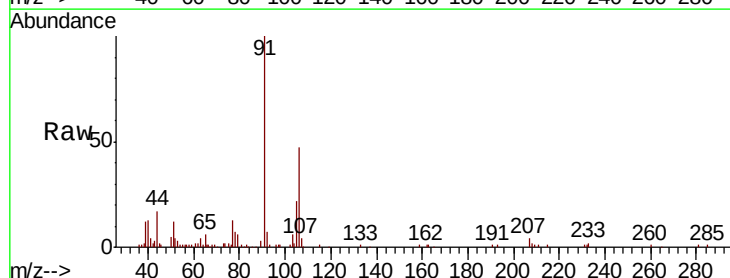
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

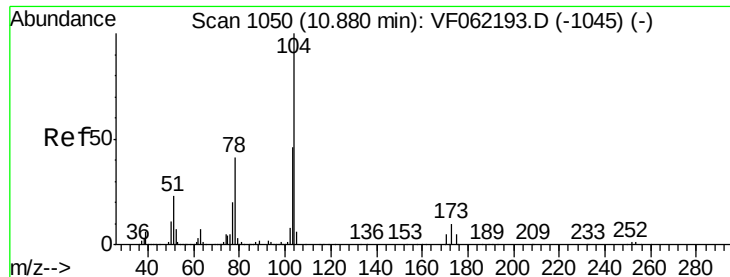
Tot Ion:106 Resp: 34237  
Ion Ratio Lower Upper  
106 100  
91 206.8 159.1 238.7



#69  
o-Xylene  
Concen: 2.774 ug/l  
RT: 10.83 min Scan# 1044  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion:106 Resp: 19102  
Ion Ratio Lower Upper  
106 100  
91 214.3 107.5 322.4

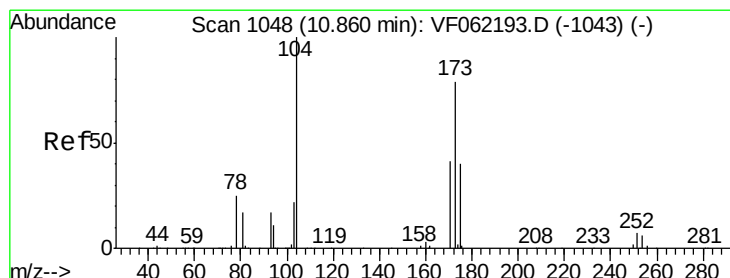
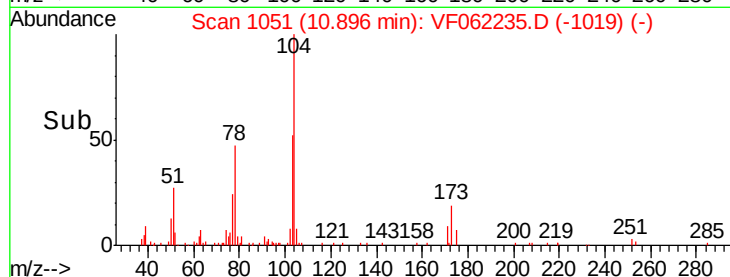
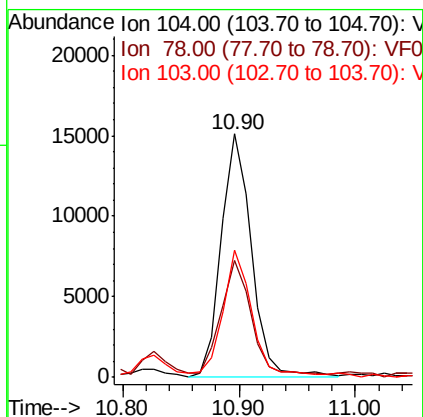
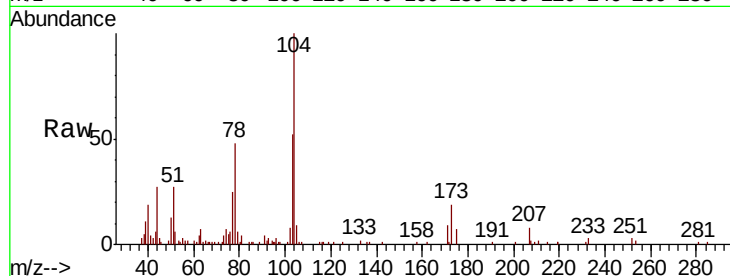




#70  
Stvrene  
Concen: 2.826 ug/l  
RT: 10.90 min Scan# 1051  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

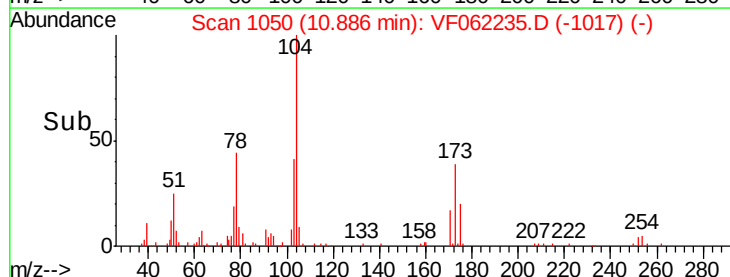
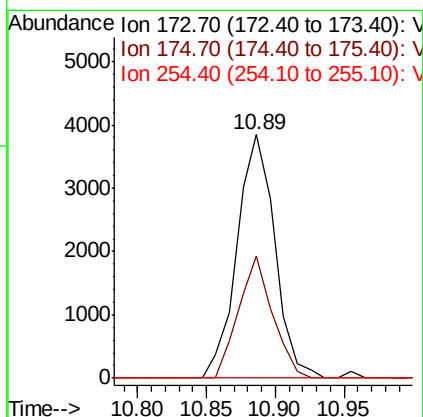
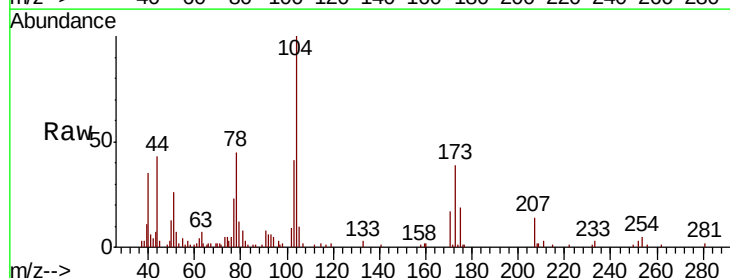
Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

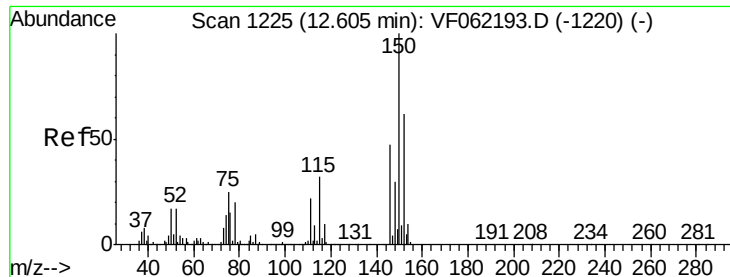
Tot Ion:104 Resp: 27465  
Ion Ratio Lower Upper  
104 100  
78 46.6 34.5 51.7  
103 47.4 37.2 55.8



#71  
Bromoform  
Concen: 3.208 ug/l  
RT: 10.89 min Scan# 1050  
Delta R.T. 0.03 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion:173 Resp: 7350  
Ion Ratio Lower Upper  
173 100  
175 45.4 24.5 73.5  
254 0.0 0.1 0.1#



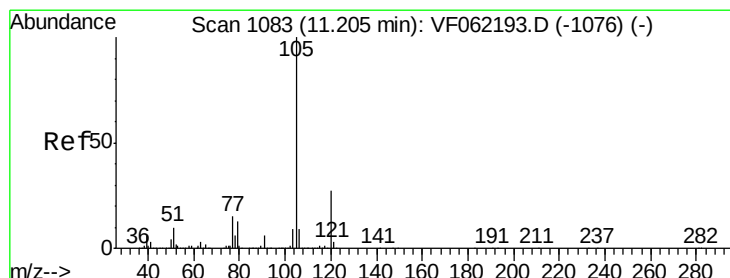
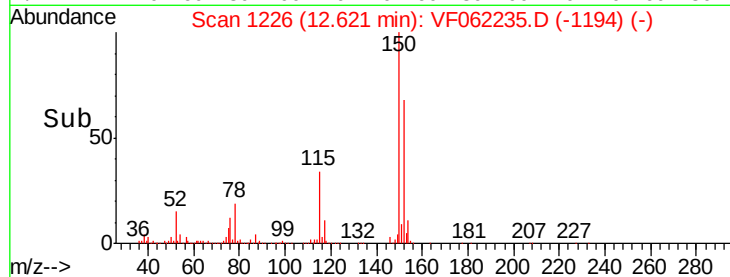
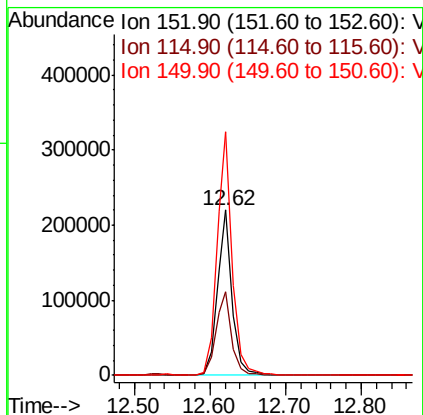
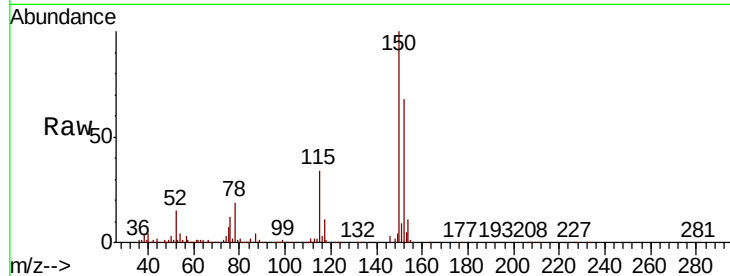


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.62 min Scan# 1226  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

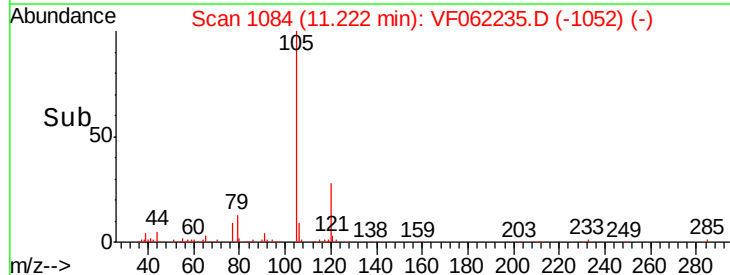
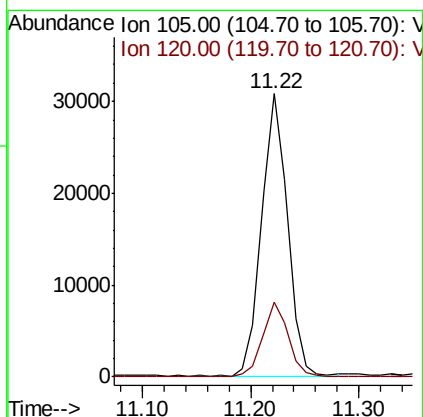
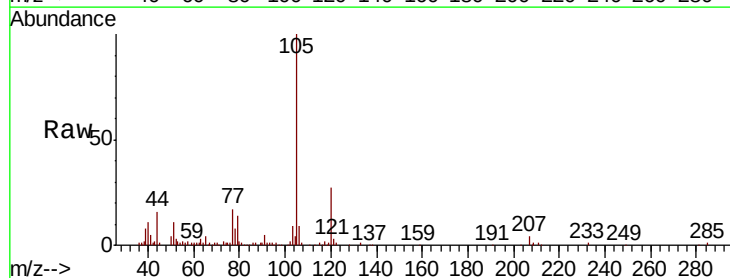
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.7  | 27.8  | 83.3  |
| 150     | 151.8 | 0.0   | 341.8 |



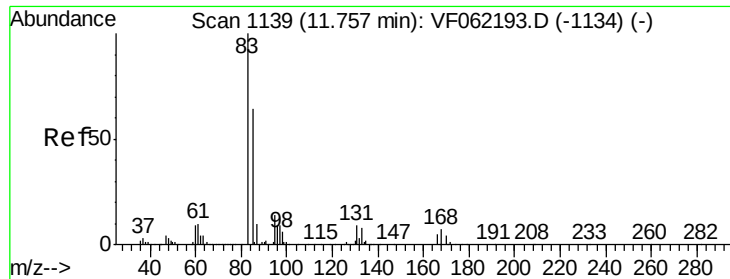
#73

Isopropylbenzene  
Concen: 2.030 ug/l  
RT: 11.22 min Scan# 1084  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.9  | 13.0  | 38.9  |







#75

1,1,2,2-Tetrachloroethane

Concen: 2.172 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

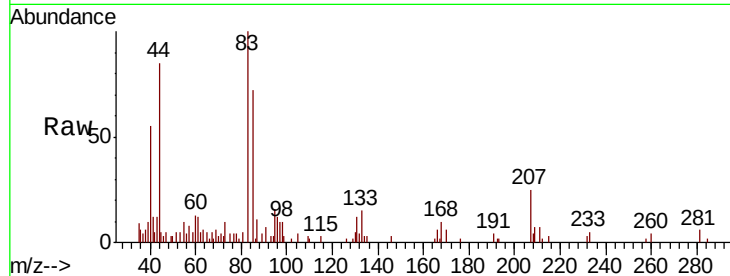
Tot Ion: 83 Resp: 9579

Ion Ratio Lower Upper

83 100

131 11.0 4.5 13.5

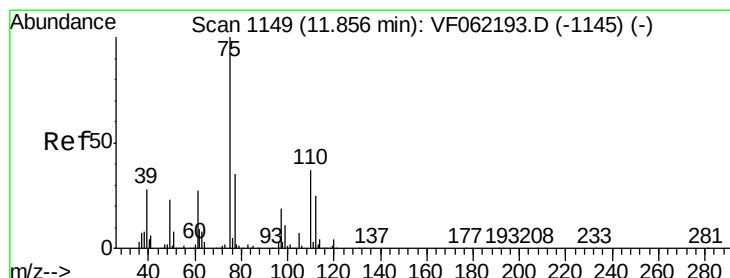
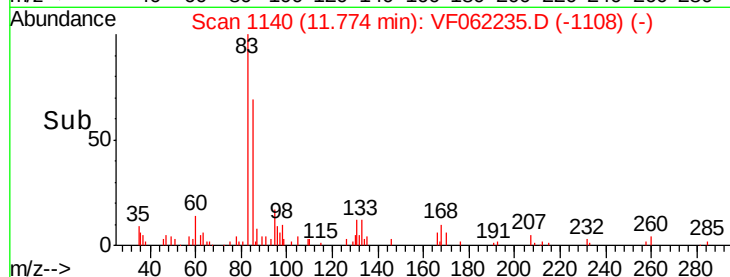
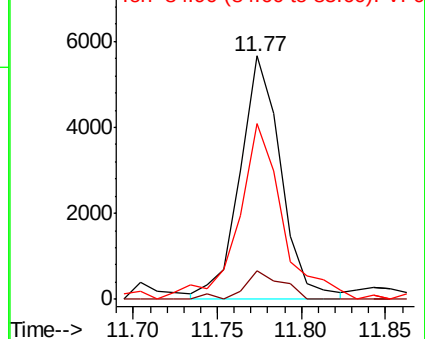
85 78.1 34.7 104.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 1.880 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.10 min

Lab File: VF062235.D

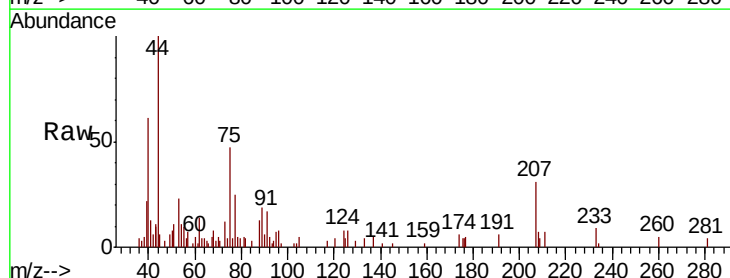
Acq: 19 Apr 2019 20:04

Tgt Ion: 75 Resp: 5704

Ion Ratio Lower Upper

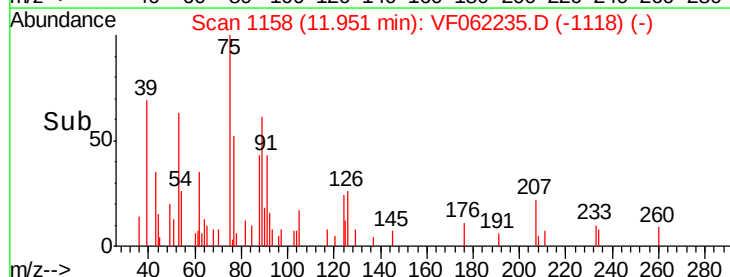
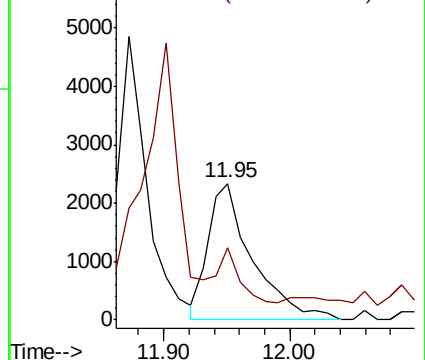
75 100

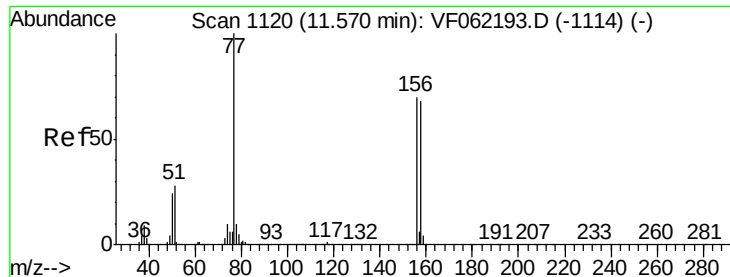
77 19.9 7.4 22.2



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 2.469 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

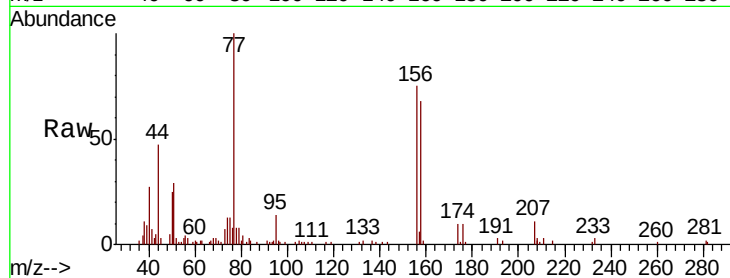
Tot Ion:156 Resp: 13563

Ion Ratio Lower Upper

156 100

77 151.0 80.9 242.7

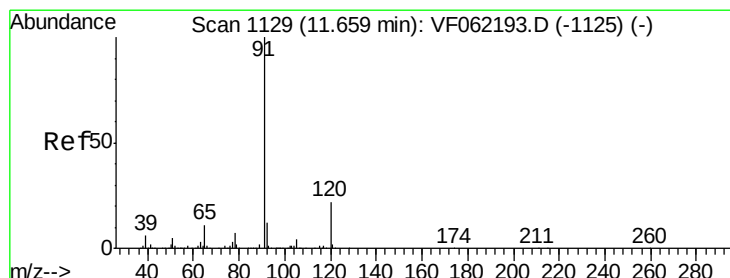
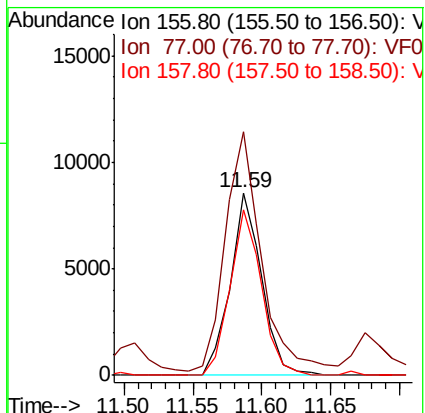
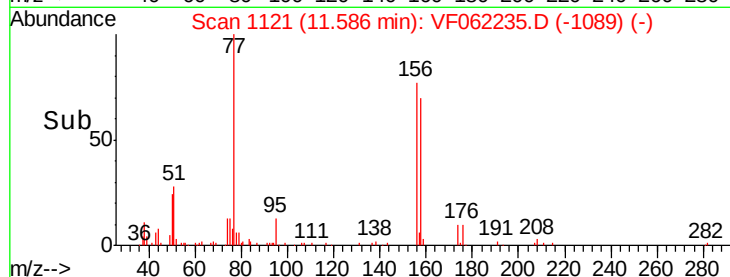
158 90.9 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.210 ug/l

RT: 11.68 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VF062235.D

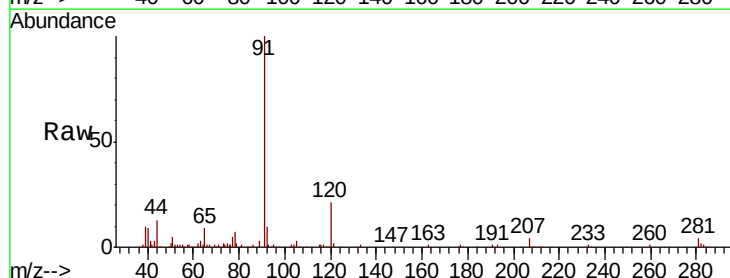
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 59781

Ion Ratio Lower Upper

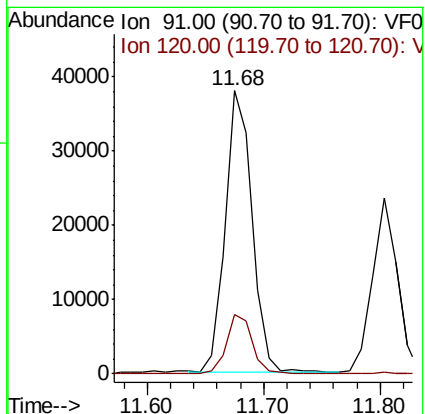
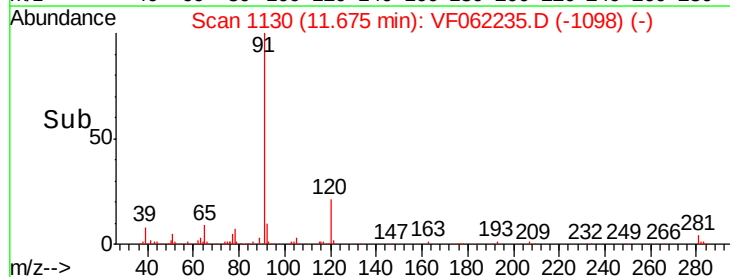
91 100

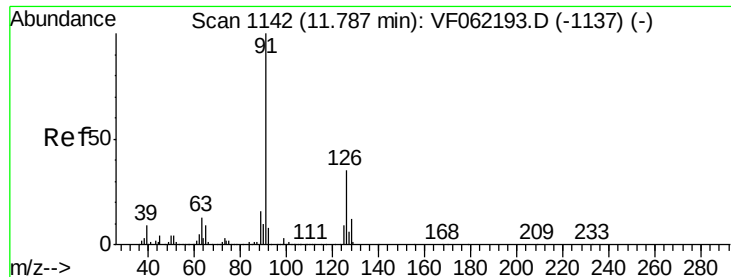
120 20.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.147 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

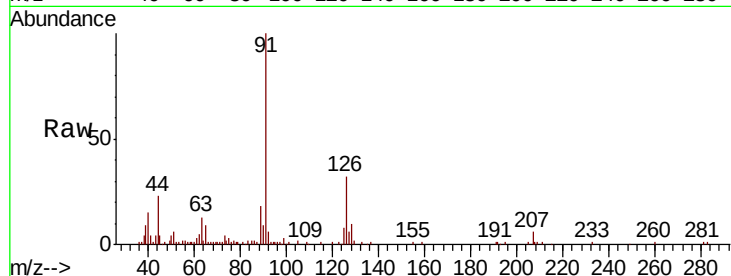
MDL-MDL-SOIL-03-QT2-2019

Tot Ion: 91 Resp: 35241

Ion Ratio Lower Upper

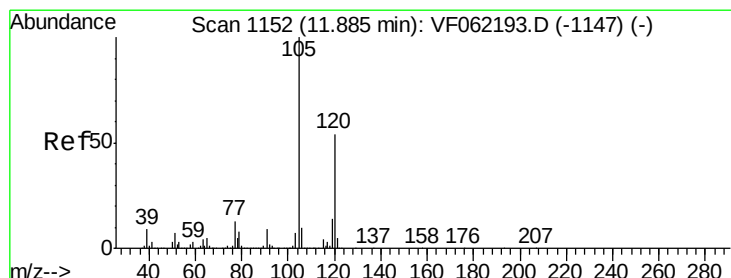
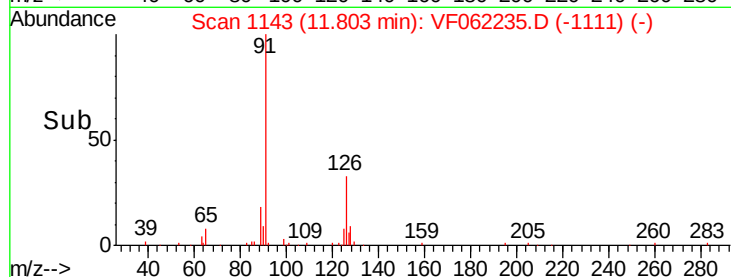
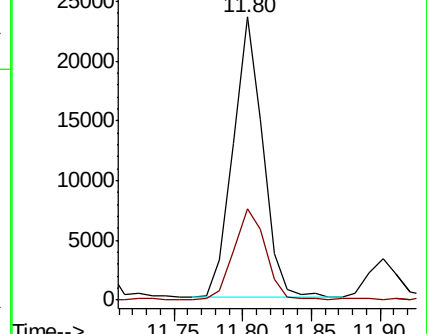
91 100

126 35.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.376 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.02 min

Lab File: VF062235.D

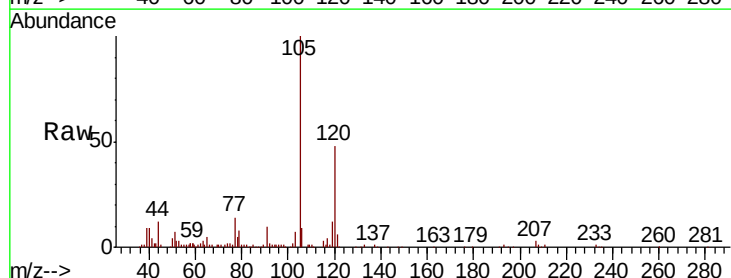
Acq: 19 Apr 2019 20:04

Tgt Ion:105 Resp: 50753

Ion Ratio Lower Upper

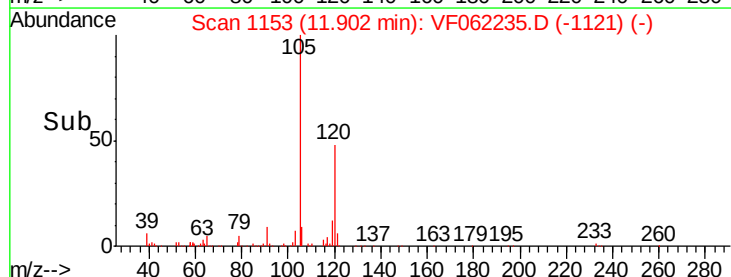
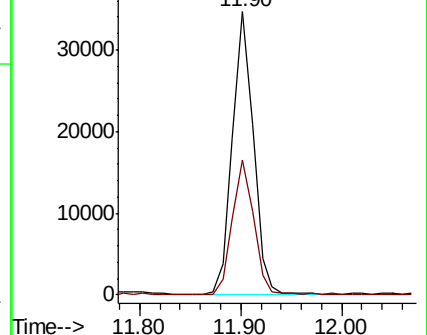
105 100

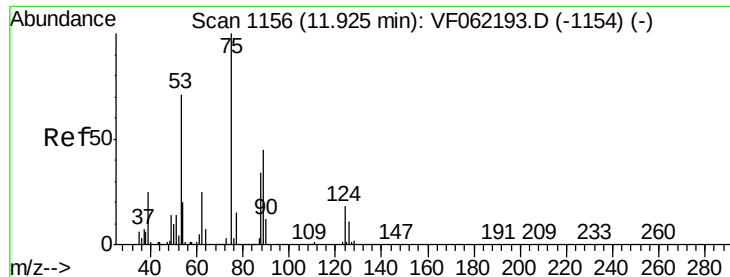
120 48.3 26.2 78.5



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: 3.686 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

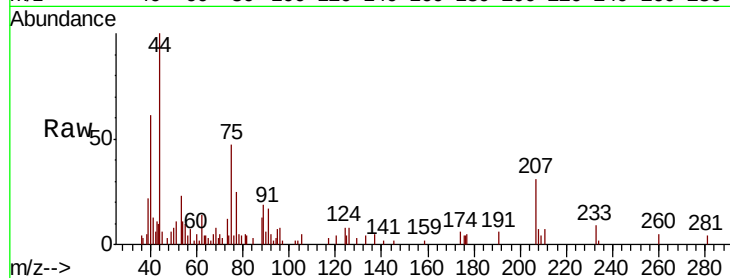
Tot Ion: 75 Resp: 5704

Ion Ratio Lower Upper

75 100

53 49.2 50.2 75.4#

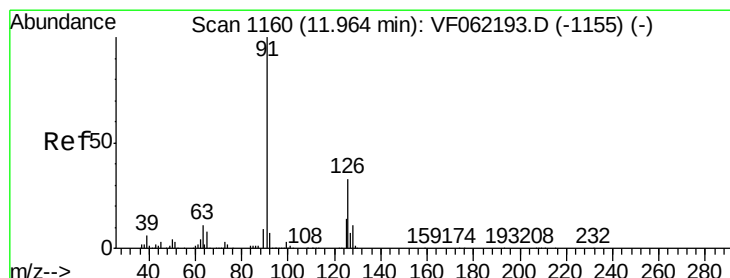
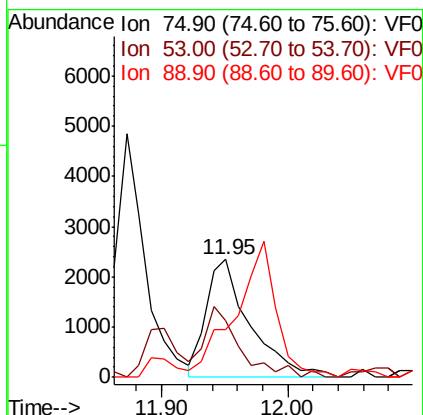
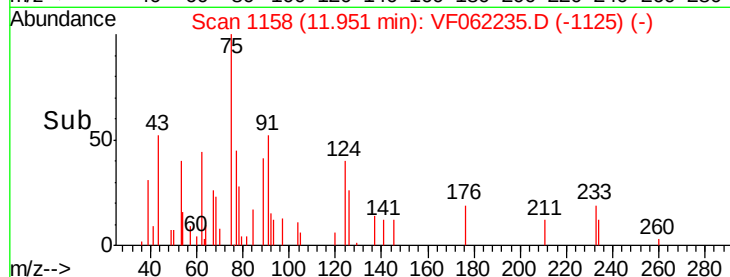
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 2.286 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.02 min

Lab File: VF062235.D

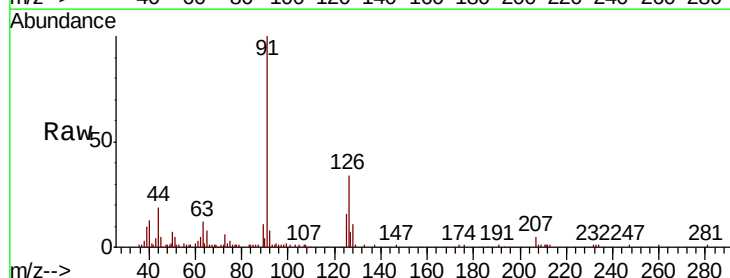
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 36261

Ion Ratio Lower Upper

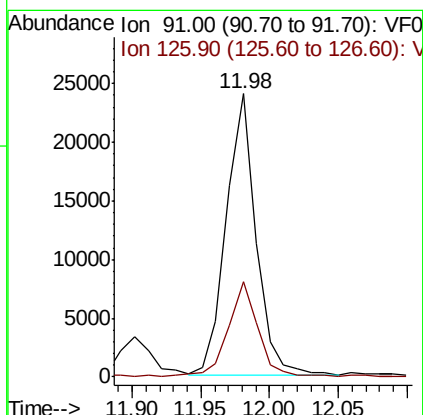
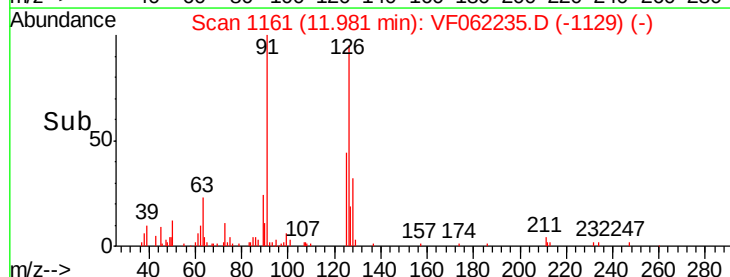
91 100

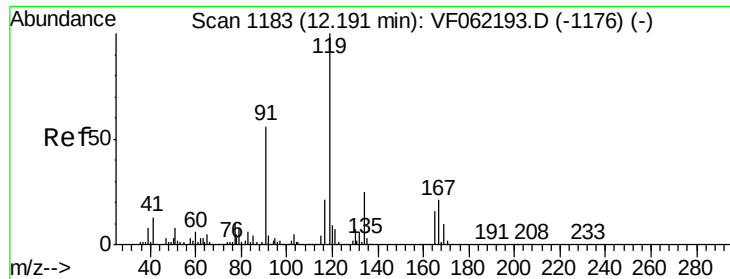
126 34.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

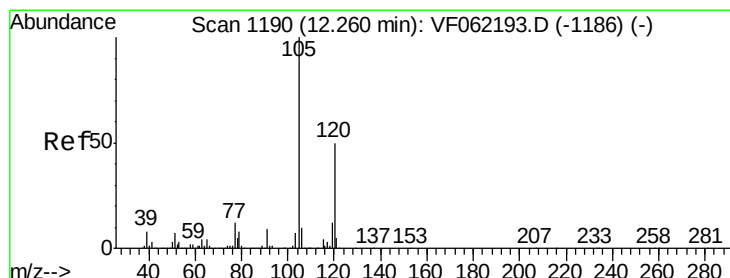
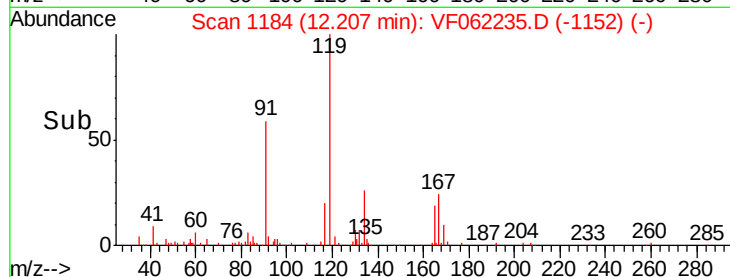
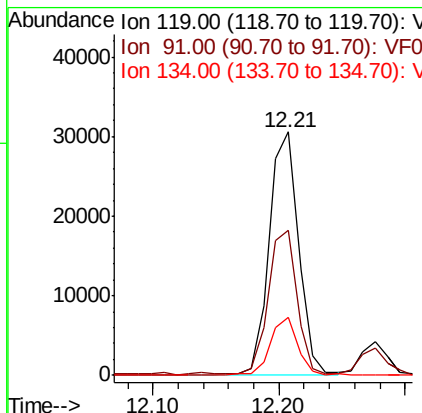
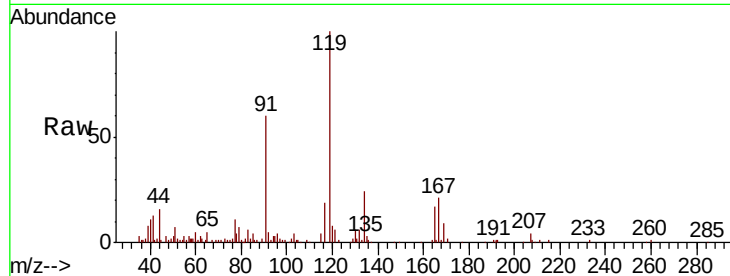




#83  
 tert-Butylbenzene  
 Concen: 2.261 ug/l  
 RT: 12.21 min Scan# 1184  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

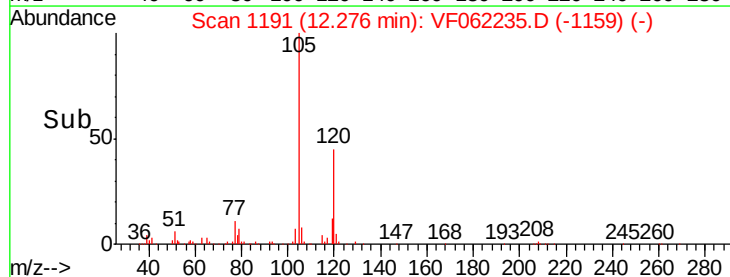
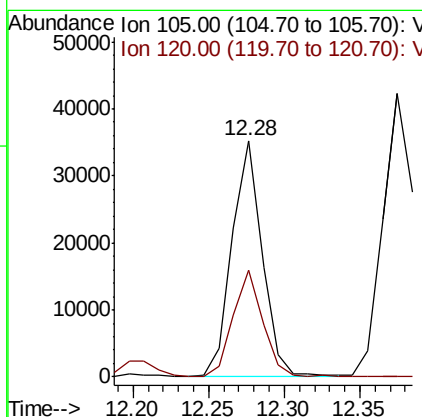
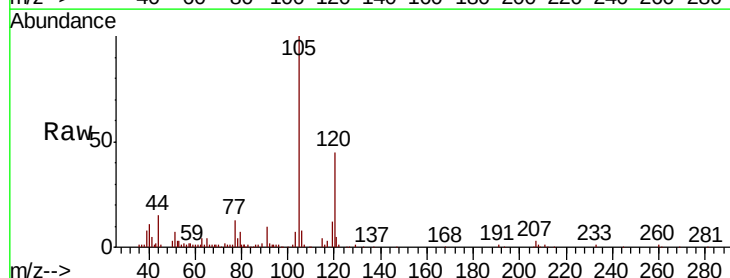
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

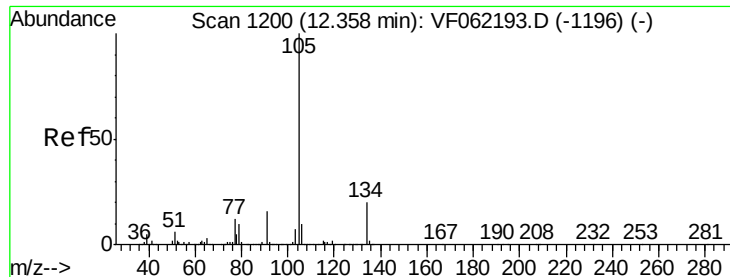
Tot Ion:119 Resp: 49954  
 Ion Ratio Lower Upper  
 119 100  
 91 57.1 29.4 88.2  
 134 22.3 11.8 35.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.348 ug/l  
 RT: 12.28 min Scan# 1191  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

Tgt Ion:105 Resp: 48537  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 24.0 72.0





#85

sec-Butylbenzene

Concen: 2.162 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

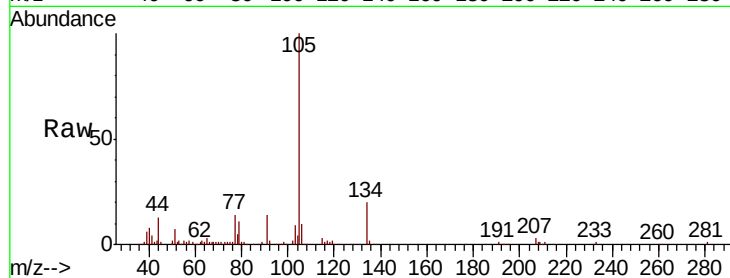
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:105 Resp: 62011

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1

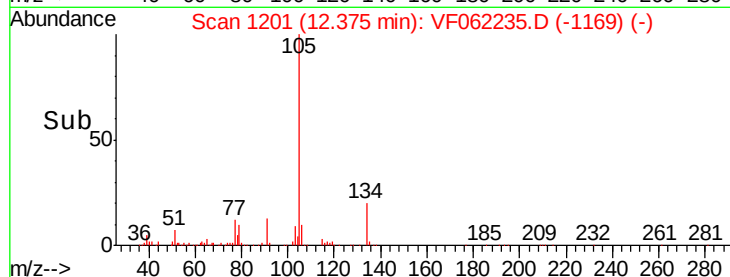


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

Time-->



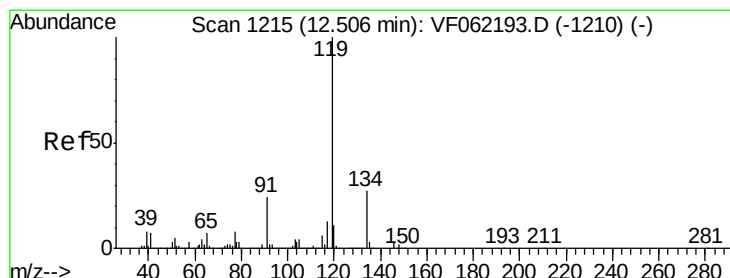
Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

Time-->



#86

p-Isopropyltoluene

Concen: 2.393 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

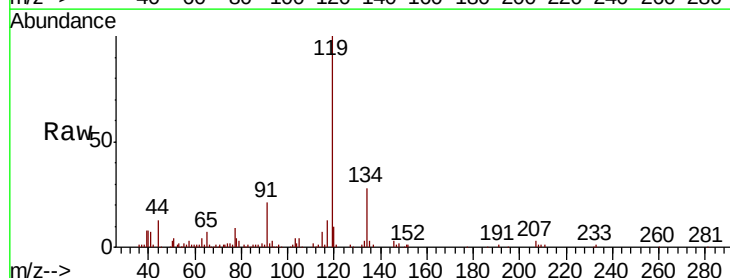
Tgt Ion:119 Resp: 58224

Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 20.7 11.7 35.1



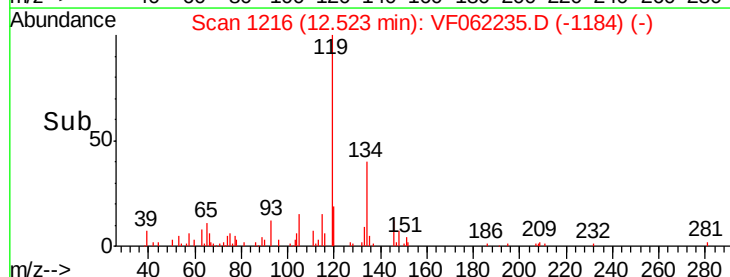
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.52

Time-->



Abundance

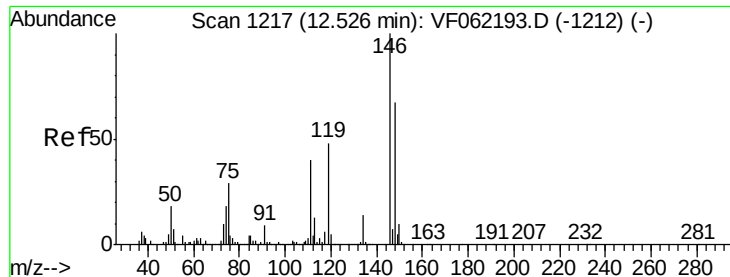
Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.52

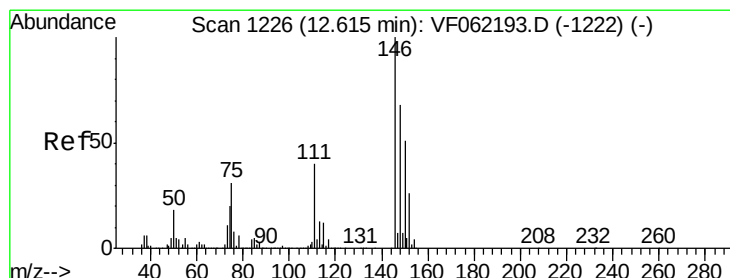
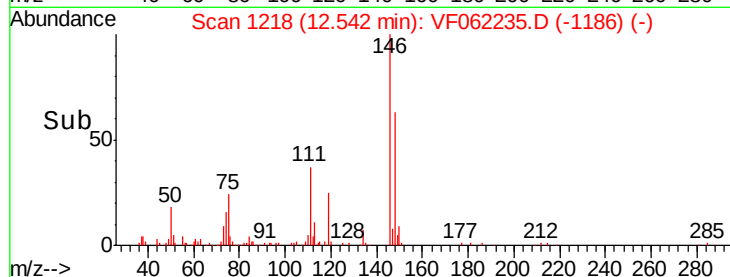
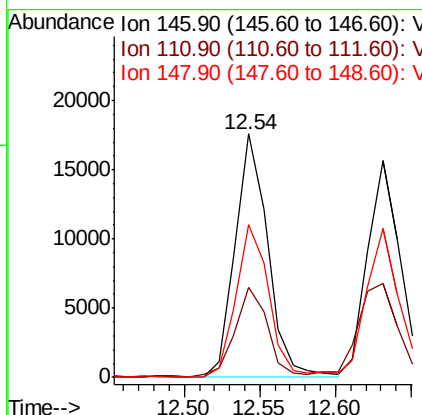
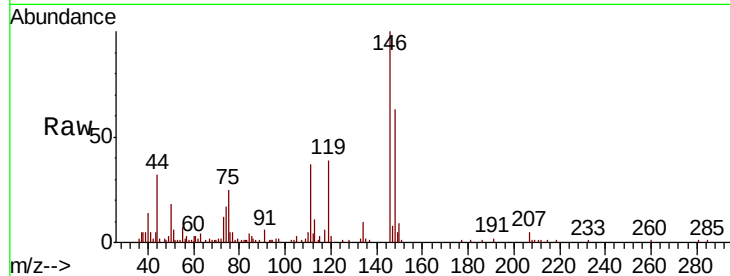
Time-->



#87  
 1,3-Dichlorobenzene  
 Concen: 2.591 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

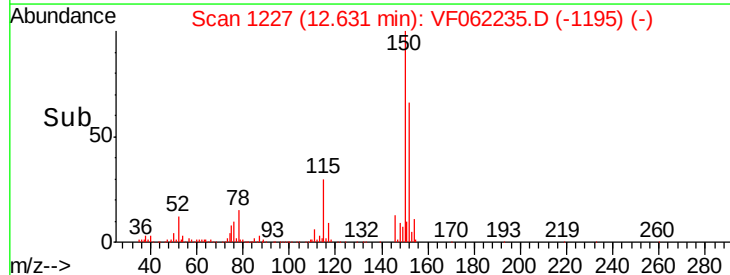
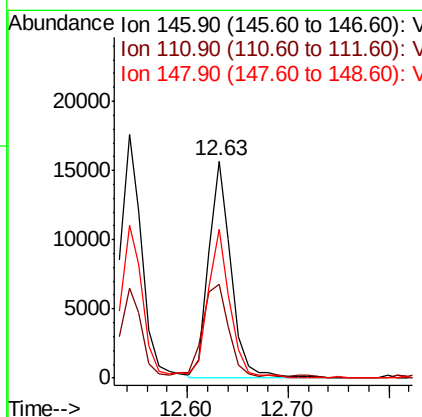
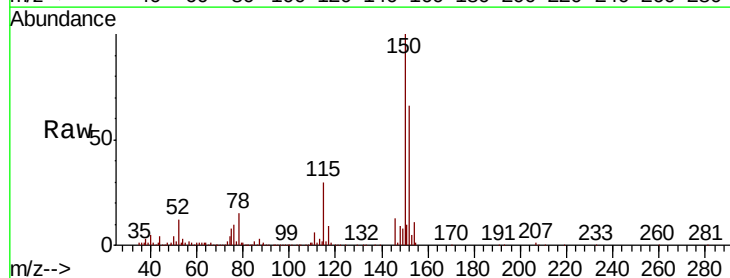
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

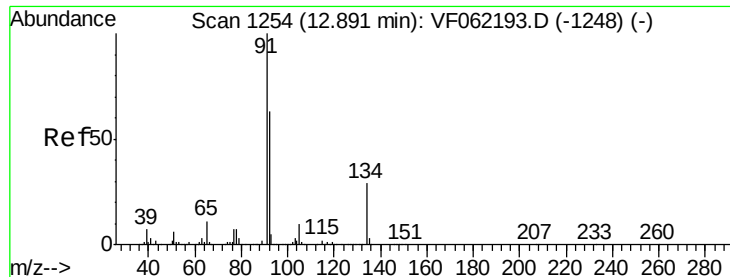
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.7  | 59.0  |
| 148     | 62.7  | 32.9  | 98.6  |



#88  
 1,4-Dichlorobenzene  
 Concen: 2.501 ug/l  
 RT: 12.63 min Scan# 1227  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 49.2  | 20.0  | 60.0  |
| 148     | 68.3  | 33.6  | 100.8 |





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.91 min Scan# 1255

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Instrument :

MSVOA\_F

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

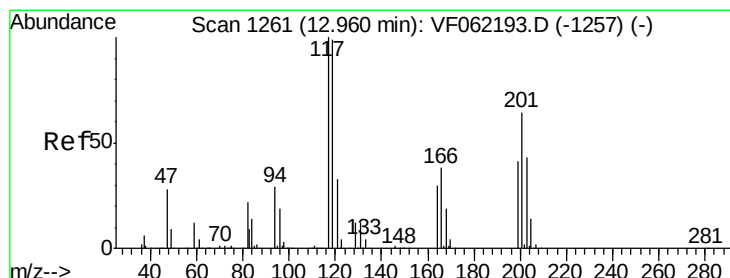
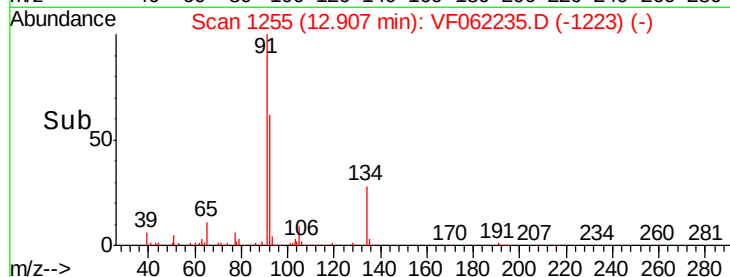
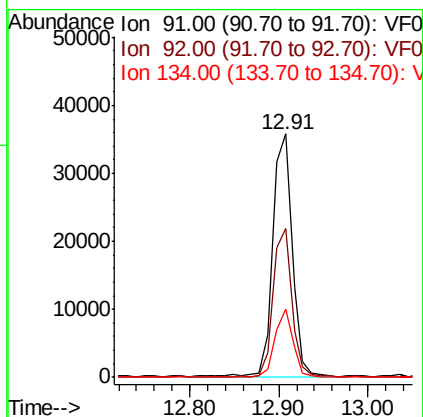
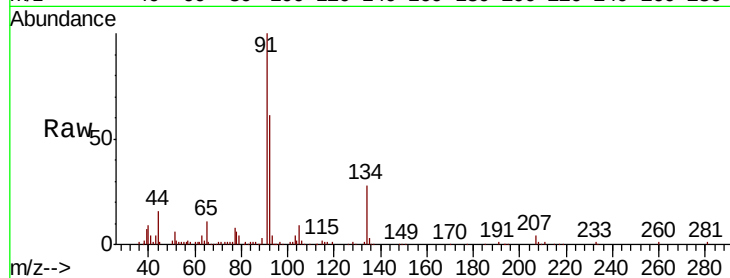
Tot Ion: 91 Resp: 54907

Ion Ratio Lower Upper

91 100

92 59.2 31.2 93.6

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 2.341 ug/l

RT: 12.98 min Scan# 1262

Delta R.T. 0.02 min

Lab File: VF062235.D

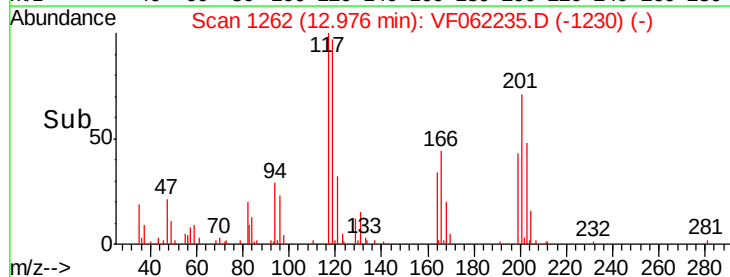
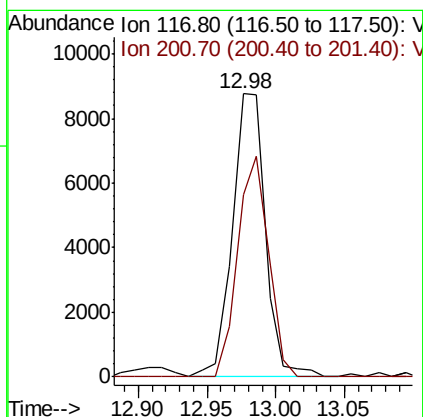
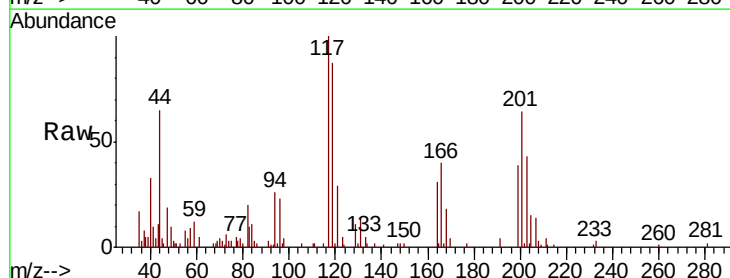
Acq: 19 Apr 2019 20:04

Tgt Ion: 117 Resp: 14622

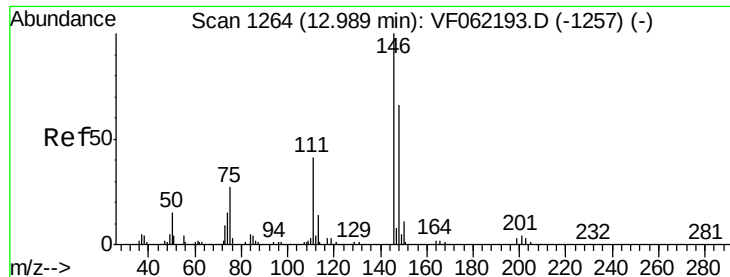
Ion Ratio Lower Upper

117 100

201 73.1 37.7 113.1



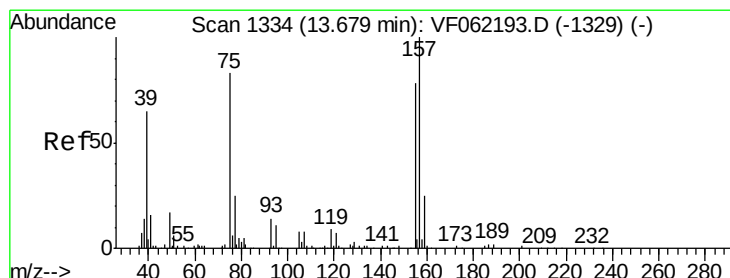
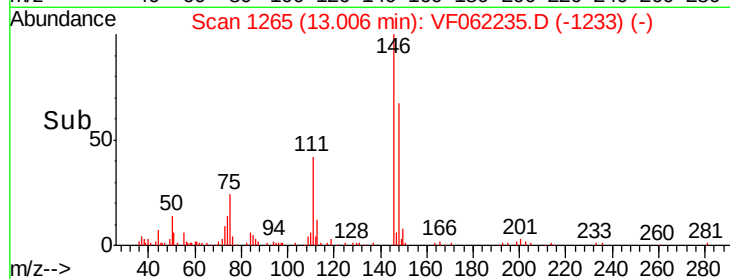
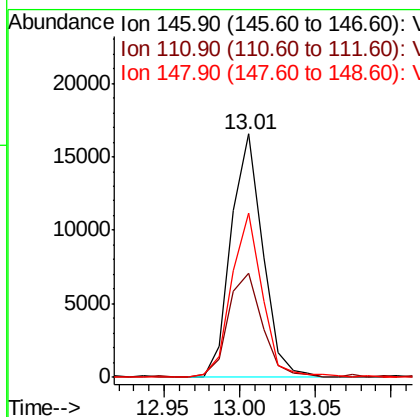
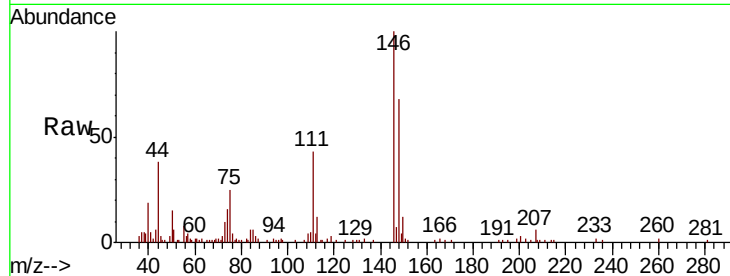




#91  
 1,2-Dichlorobenzene  
 Concen: 2.433 ug/l  
 RT: 13.01 min Scan# 1265  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

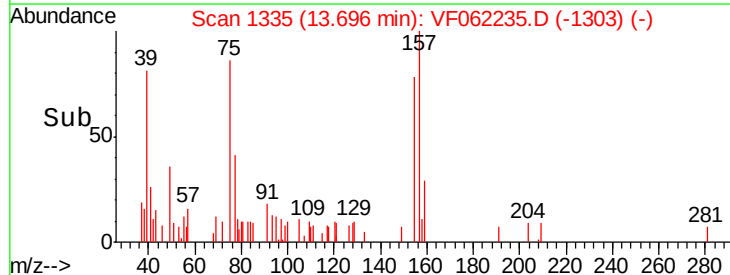
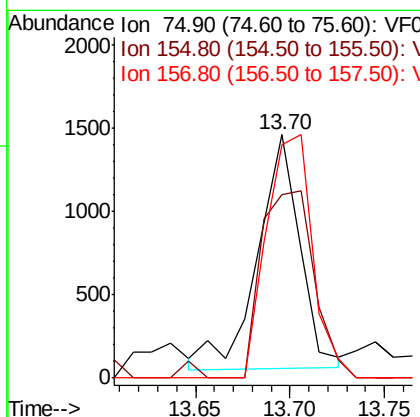
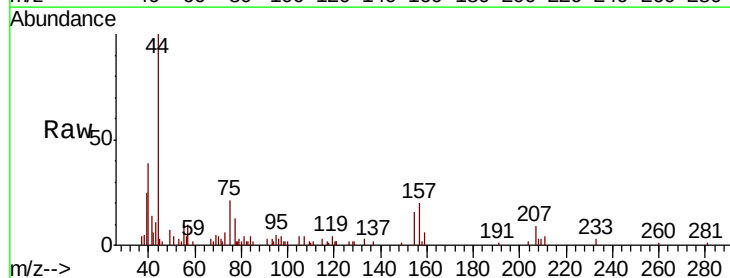
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

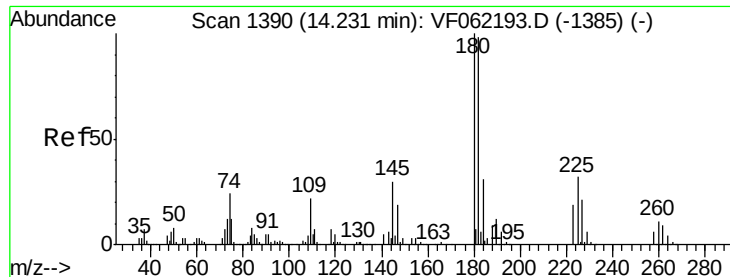
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.7  | 20.8  | 62.5  |
| 148     | 66.8  | 33.0  | 99.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 2.538 ug/l  
 RT: 13.70 min Scan# 1335  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 100.0 | 47.6  | 142.8 |
| 157     | 112.3 | 61.3  | 183.9 |

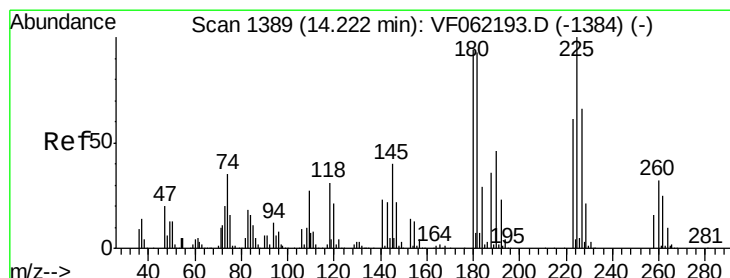
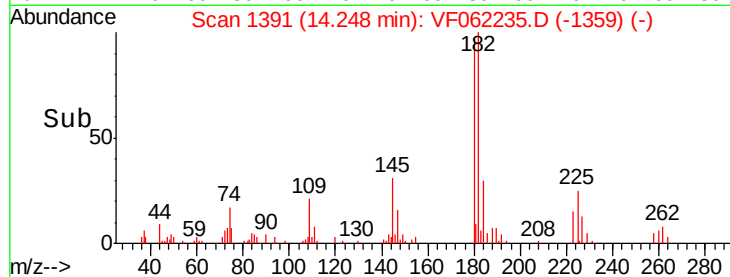
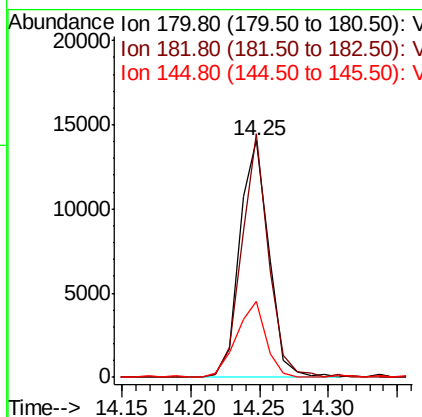
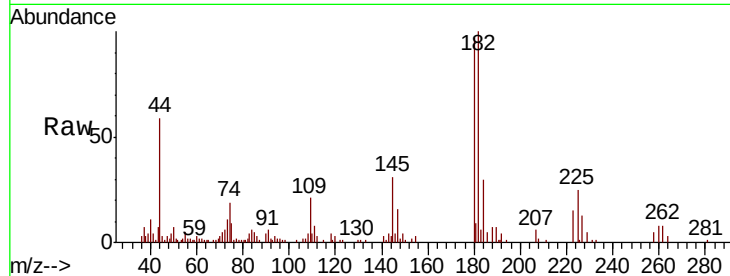




#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.524 ug/l  
 RT: 14.25 min Scan# 1391  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

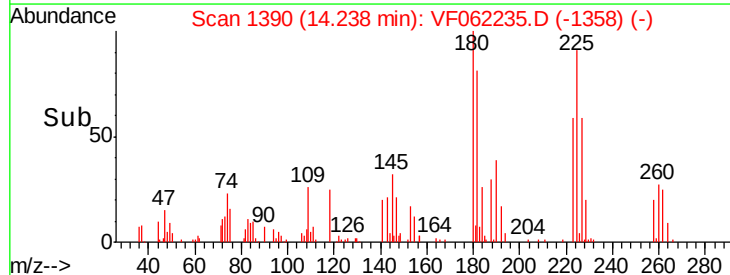
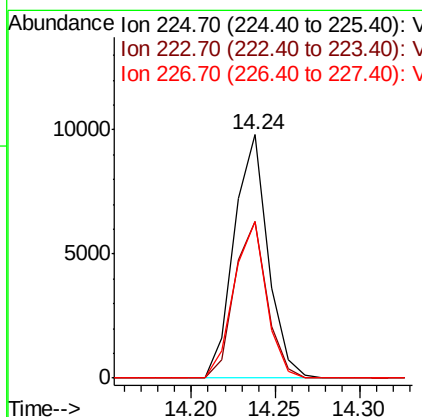
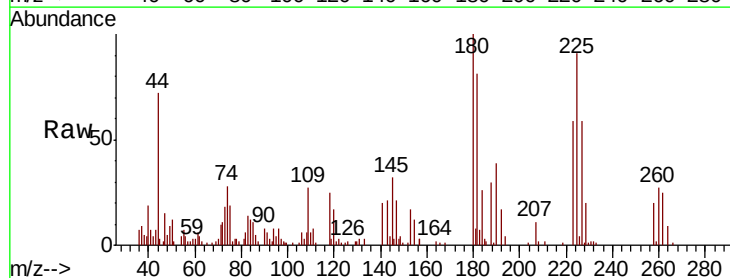
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

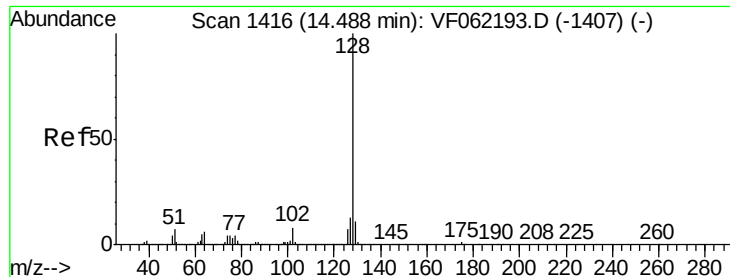
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 49.3  | 147.9 |
| 145     | 32.4  | 18.1  | 54.4  |



#94  
 Hexachlorobutadiene  
 Concen: 2.423 ug/l  
 RT: 14.24 min Scan# 1390  
 Delta R.T. 0.02 min  
 Lab File: VF062235.D  
 Acq: 19 Apr 2019 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 31.0  | 93.0  |
| 227     | 61.5  | 32.4  | 97.0  |

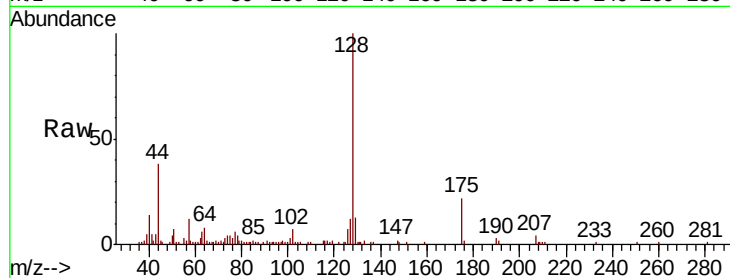




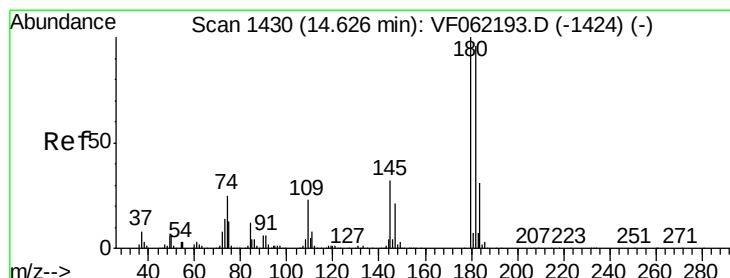
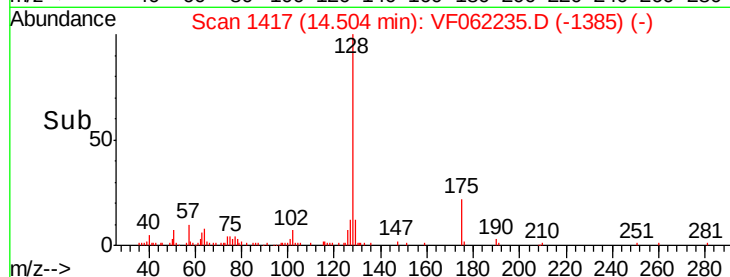
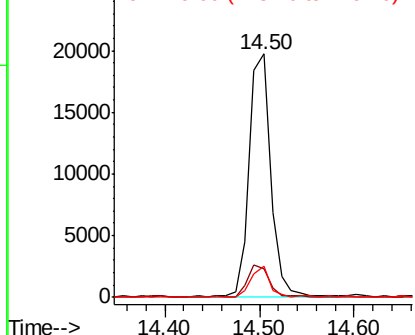
#95  
Naphthalene  
Concen: 2.200 ug/l  
RT: 14.50 min Scan# 1417  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Instrument :  
MSVOA\_F  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:128 Resp: 31688  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.4 15.6  
129 10.8 9.2 13.8

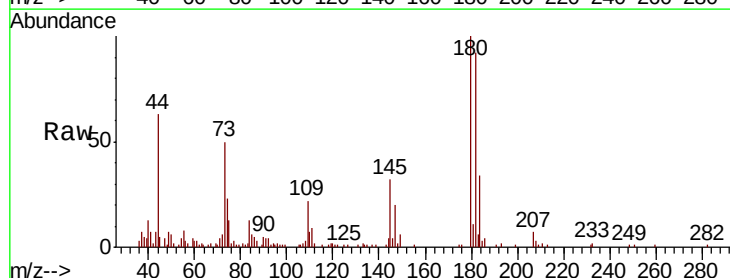


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 2.420 ug/l  
RT: 14.64 min Scan# 1431  
Delta R.T. 0.02 min  
Lab File: VF062235.D  
Acq: 19 Apr 2019 20:04

Tgt Ion:180 Resp: 19140  
Ion Ratio Lower Upper  
180 100  
182 93.1 48.4 145.3  
145 30.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

