

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\  
 Data File : VD066464.D  
 Acq On : 28 Aug 2020 17:12  
 Operator : VA/SY  
 Sample : L3827-09MSD  
 Misc : 6.70G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

Quant Time: Aug 29 00:46:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 157523   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 214376   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 198933   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 107241   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 85504    | 55.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.74% |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 67983    | 50.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.42% |          |
| 50) Toluene-d8              | 10.34 | 98   | 248803   | 50.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.46% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 90781    | 52.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.32% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 60224    | 44.971  | ug/l   | 98     |
| 3) Chloromethane              | 2.20 | 50   | 38192    | 40.234  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.34 | 62   | 45314    | 44.461  | ug/l   | 97     |
| 5) Bromomethane               | 2.76 | 94   | 39258    | 51.497  | ug/l   | 96     |
| 6) Chloroethane               | 2.91 | 64   | 30841    | 47.257  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 3.26 | 101  | 150617   | 54.346  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.70 | 74   | 29050    | 46.782  | ug/l   | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 65651    | 48.000  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142  | 70725    | 45.338  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 5.21 | 59   | 27827    | 328.040 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 60160    | 46.859  | ug/l   | 87     |
| 13) Acrolein                  | 3.92 | 56   | 10057    | 146.649 | ug/l   | 100    |
| 14) Allyl chloride            | 4.71 | 41   | 70731    | 41.275  | ug/l # | 80     |
| 15) Acrylonitrile             | 5.42 | 53   | 55775    | 223.867 | ug/l   | 97     |
| 16) Acetone                   | 4.15 | 43   | 62955    | 226.114 | ug/l   | 92     |
| 17) Carbon Disulfide          | 4.40 | 76   | 161045   | 41.390  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.71 | 43   | 22522    | 43.100  | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73   | 160335   | 51.865  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.97 | 84   | 68758    | 45.665  | ug/l # | 85     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 68796    | 46.033  | ug/l   | 91     |
| 22) Diisopropyl ether         | 6.36 | 45   | 137705   | 41.505  | ug/l   | 88     |
| 23) Vinyl Acetate             | 6.30 | 43   | 462484   | 225.170 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 107356   | 45.788  | ug/l   | 97     |
| 25) 2-Butanone                | 7.21 | 43   | 69390    | 219.535 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 7.20 | 77   | 132754   | 52.828  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 78966    | 49.312  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.54 | 49   | 35323    | 43.737  | ug/l   | 85     |
| 29) Tetrahydrofuran           | 7.56 | 42   | 37086    | 206.575 | ug/l   | 89     |
| 30) Chloroform                | 7.70 | 83   | 138779   | 51.159  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56   | 83631    | 39.001  | ug/l   | 84     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 151824   | 54.685  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.10 | 75   | 95076    | 48.606  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43   | 28986    | 43.570  | ug/l # | 89     |
| 38) Carbon Tetrachloride      | 8.09 | 117  | 152868   | 59.985  | ug/l   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\  
 Data File : VD066464.D  
 Acq On : 28 Aug 2020 17:12  
 Operator : VA/SY  
 Sample : L3827-09MSD  
 Misc : 6.70G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

Quant Time: Aug 29 00:46:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 110947   | 48.150  | ug/l   | 97       |
| 40) Benzene                    | 8.35  | 78   | 249974   | 48.579  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.54  | 41   | 27122    | 66.108  | ug/l # | 43       |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 105090   | 57.986  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.45  | 43   | 63045    | 47.214  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 84786    | 50.708  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 50120    | 42.964  | ug/l   | 96       |
| 46) Dibromomethane             | 9.47  | 93   | 37357    | 51.433  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.66  | 83   | 110994   | 55.568  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.45  | 41   | 30831    | 44.775  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 7857     | 931.606 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.22 | 43   | 152515   | 236.102 | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 177570   | 50.935  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 99420    | 52.455  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 106235   | 49.936  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 47887    | 48.701  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 56364    | 49.517  | ug/l # | 85       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 80607    | 49.560  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 117304   | 248.129 | ug/l   | 91       |
| 59) 2-Hexanone                 | 10.98 | 43   | 111145   | 243.929 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 79367    | 53.549  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 48282    | 49.896  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.87 | 164  | 76679    | 50.811  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 204982   | 51.792  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 87985    | 54.398  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 362111   | 51.977  | ug/l   | 94       |
| 68) m/p-Xylenes                | 11.85 | 106  | 280445   | 105.613 | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 130365   | 52.773  | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 227807   | 53.708  | ug/l   | 98       |
| 71) Bromoform                  | 12.36 | 173  | 48340    | 52.679  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 372401   | 51.837  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.29 | 43   | 59050    | 45.510  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 45337    | 44.177  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 70870    | 93.937  | ug/l   | 23       |
| 77) Bromobenzene               | 12.76 | 156  | 93997    | 51.551  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.82 | 91   | 407743   | 49.500  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 232853   | 49.495  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 325800   | 52.525  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 15762    | 44.347  | ug/l # | 77       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 253961   | 50.951  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 283210   | 52.567  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 325429   | 53.416  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 363906   | 51.553  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 365880   | 53.755  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 175399   | 51.532  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 174431   | 51.040  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 304921   | 50.766  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 65822    | 48.954  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 153783   | 52.484  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11055    | 51.361  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\  
Data File : VD066464.D  
Acq On : 28 Aug 2020 17:12  
Operator : VA/SY  
Sample : L3827-09MSD  
Misc : 6.70G/5.00ml/MSVOA D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

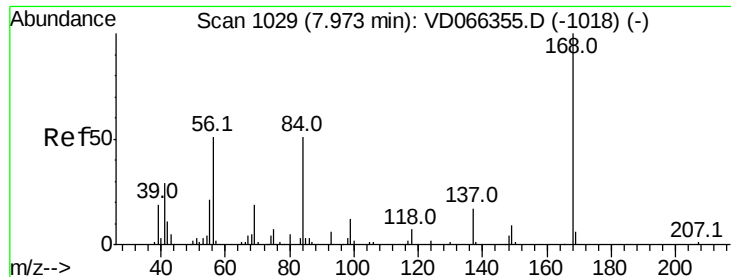
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

Quant Time: Aug 29 00:46:59 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 13:36:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 123219   | 53.867 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 79445    | 55.887 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 193579   | 53.879 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 105231   | 53.701 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

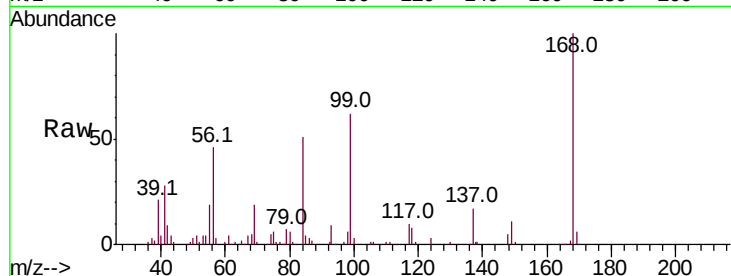
789UMR-TP11-0006-01MSD

Tot Ion:168 Resp: 157523

Ion Ratio Lower Upper

168 100

99 62.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

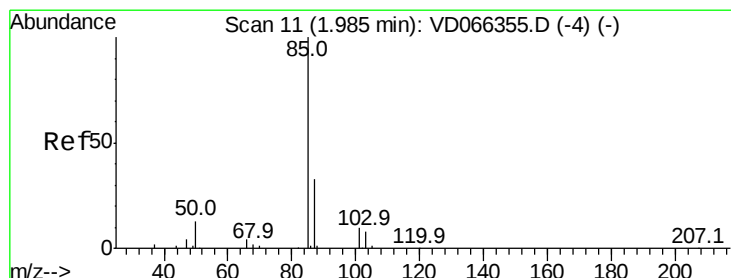
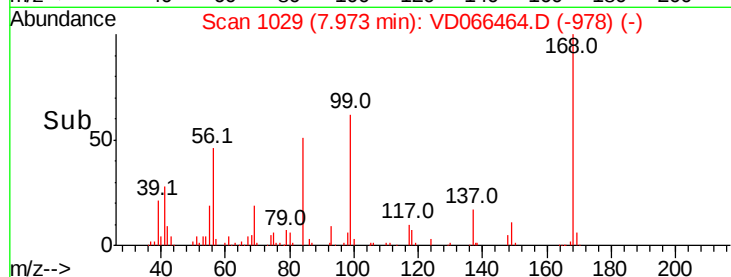
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.971 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066464.D

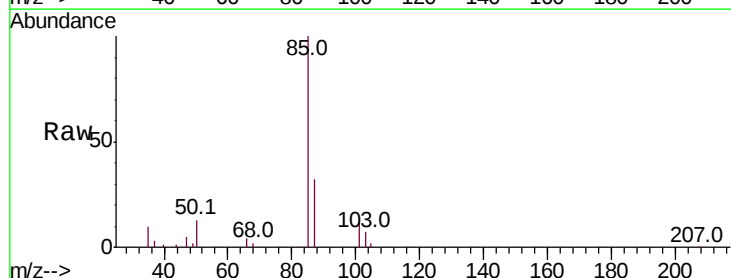
Acq: 28 Aug 2020 17:12

Tgt Ion: 85 Resp: 60224

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

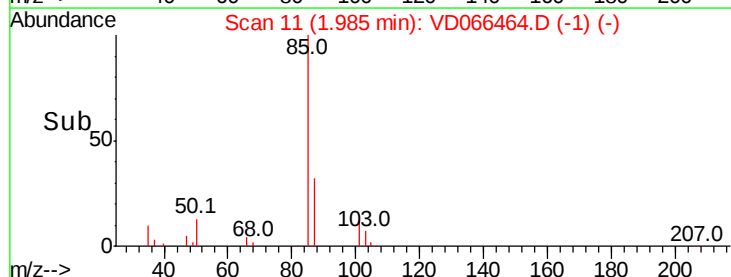
20000

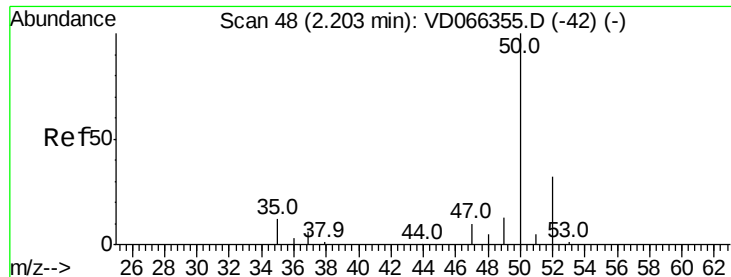
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.234 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

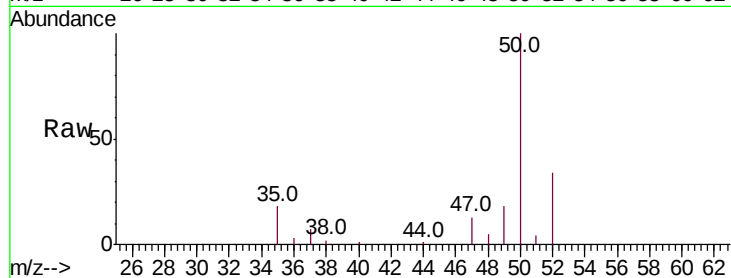
789UMR-TP11-0006-01MSD

Tot Ion: 50 Resp: 38192

Ion Ratio Lower Upper

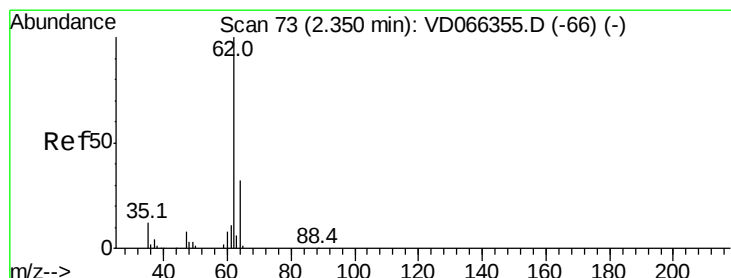
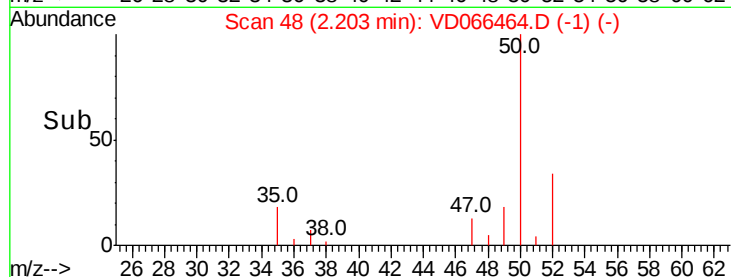
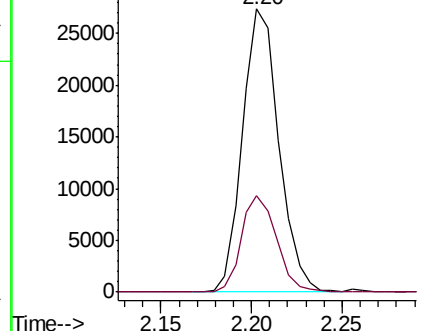
50 100

52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.461 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066464.D

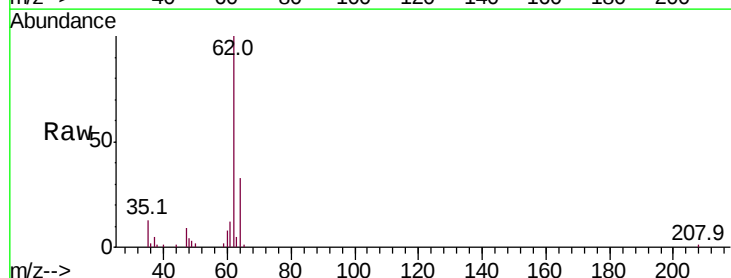
Acq: 28 Aug 2020 17:12

Tgt Ion: 62 Resp: 45314

Ion Ratio Lower Upper

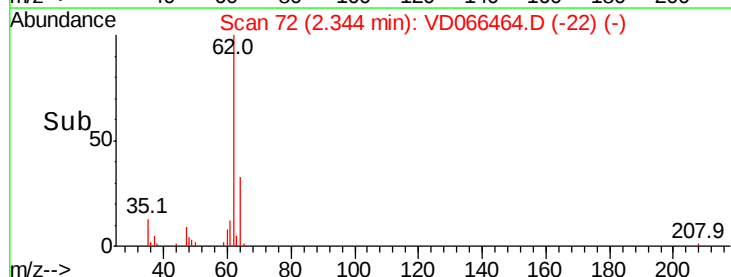
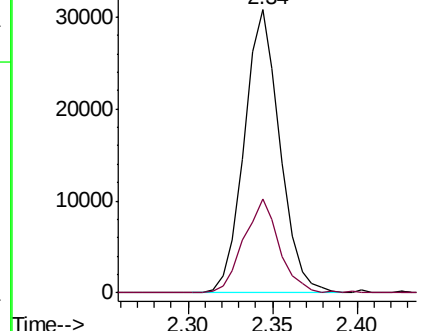
62 100

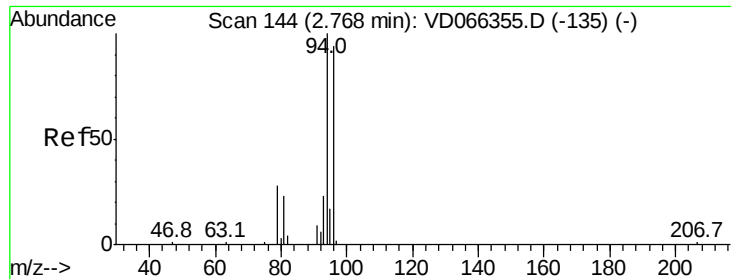
64 33.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.497 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

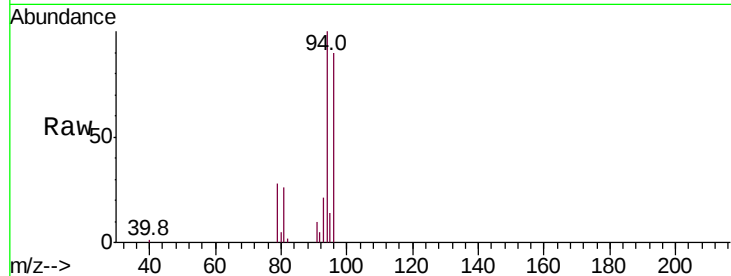
789UMR-TP11-0006-01MSD

Tot Ion: 94 Resp: 39258

Ion Ratio Lower Upper

94 100

96 90.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

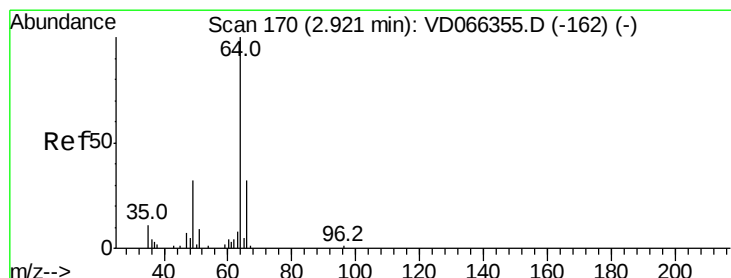
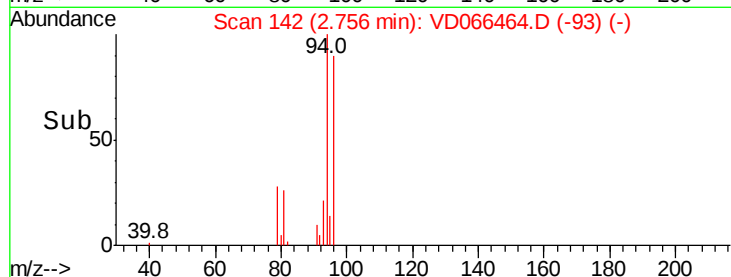
10000

5000

0

2.76

Time-->



#6

Chloroethane

Concen: 47.257 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066464.D

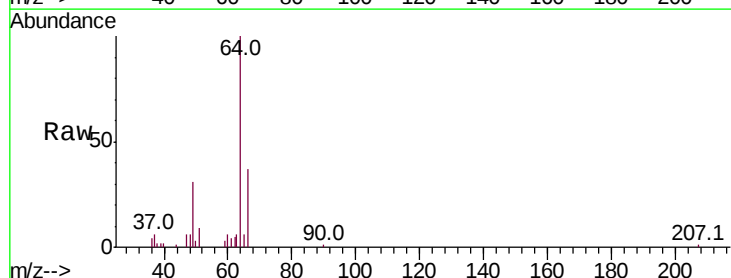
Acq: 28 Aug 2020 17:12

Tgt Ion: 64 Resp: 30841

Ion Ratio Lower Upper

64 100

66 36.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

15000

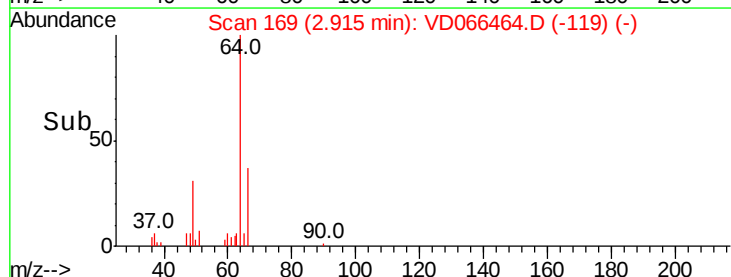
10000

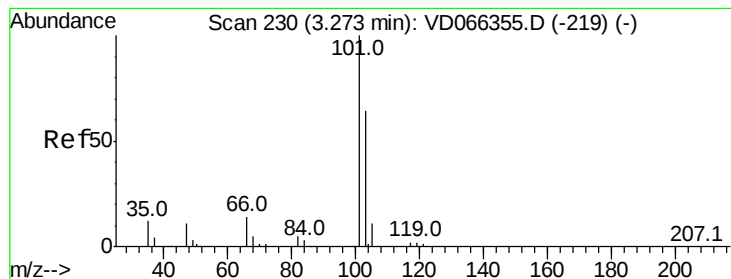
5000

0

2.91

Time-->





#7

Trichlorofluoromethane

Concen: 54.346 ug/l

RT: 3.26 min Scan# 228

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

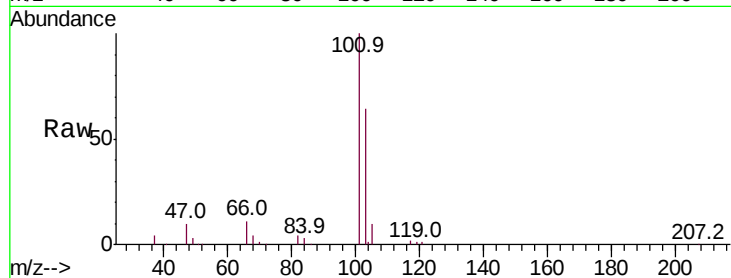
789UMR-TP11-0006-01MSD

Tot Ion:101 Resp: 150617

Ion Ratio Lower Upper

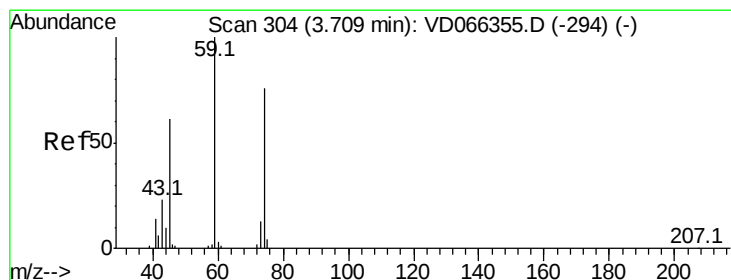
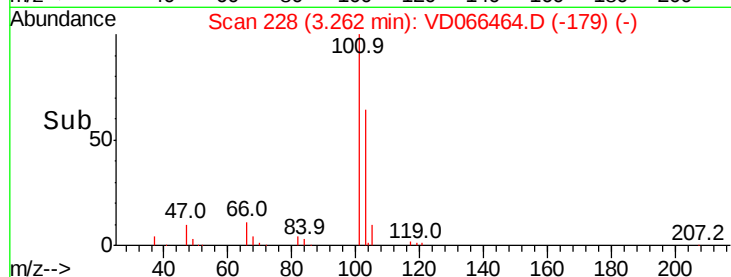
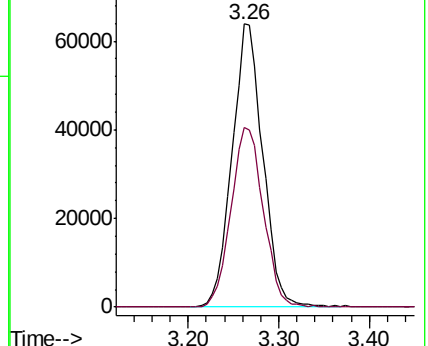
101 100

103 63.6 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.782 ug/l

RT: 3.70 min Scan# 302

Delta R.T. -0.01 min

Lab File: VD066464.D

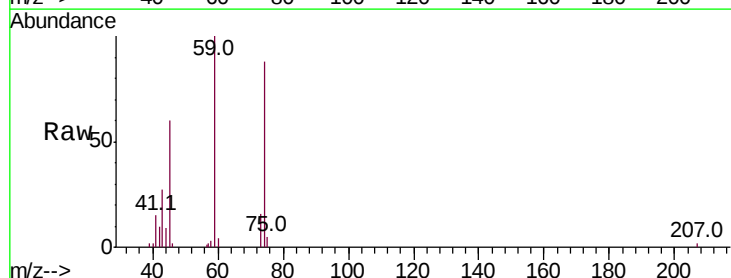
Acq: 28 Aug 2020 17:12

Tgt Ion: 74 Resp: 29050

Ion Ratio Lower Upper

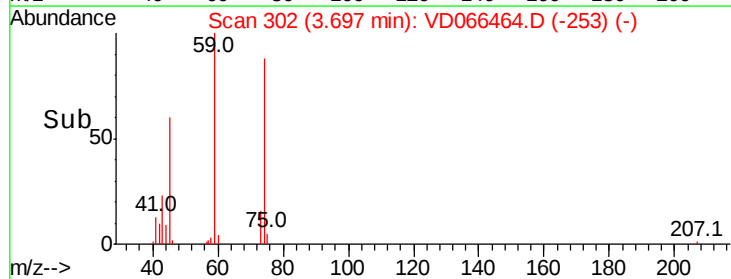
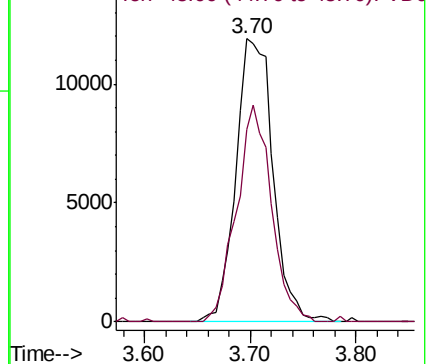
74 100

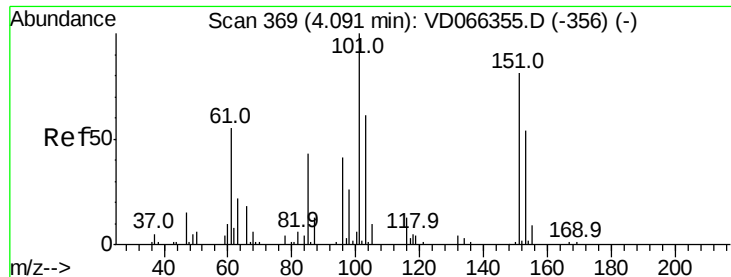
45 72.1 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.000 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

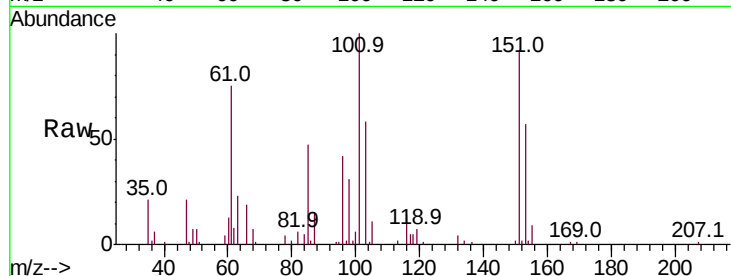
Tot Ion:101 Resp: 65651

Ion Ratio Lower Upper

101 100

85 47.2 36.4 54.6

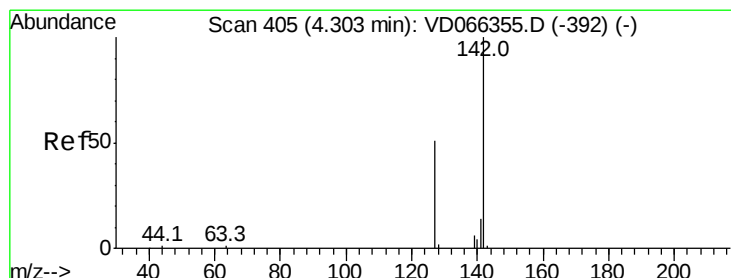
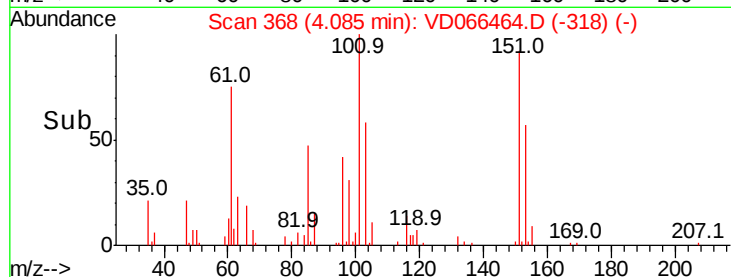
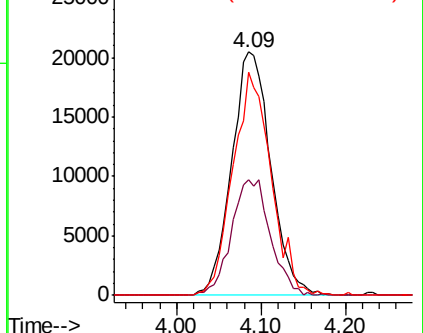
151 89.8 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.338 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

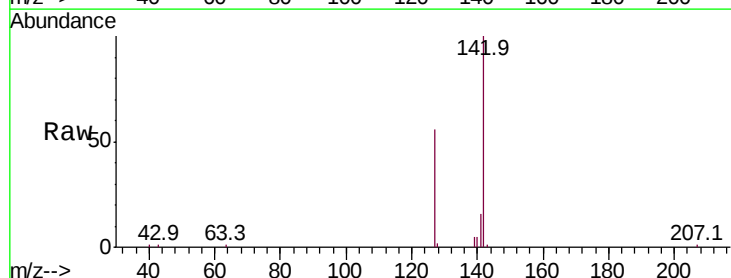
Tgt Ion:142 Resp: 70725

Ion Ratio Lower Upper

142 100

127 56.8 41.8 62.8

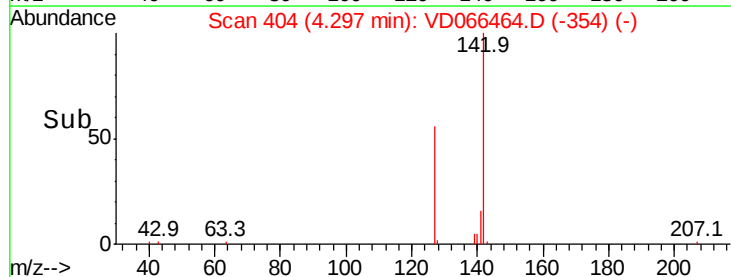
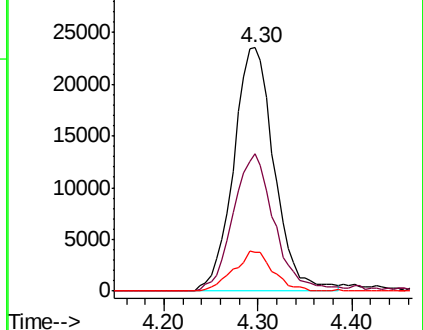
141 15.8 11.8 17.6

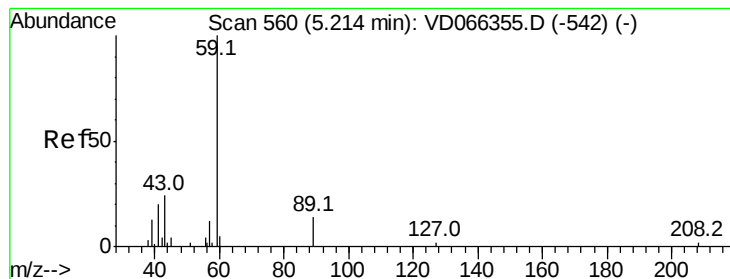


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 328.040 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

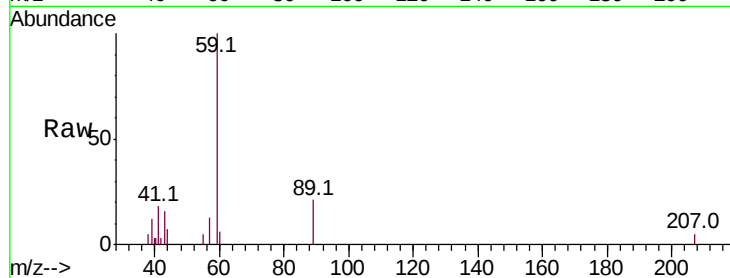
789UMR-TP11-0006-01MSD

Tot Ion: 59 Resp: 27827

Ion Ratio Lower Upper

59 100

57 4.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

6000

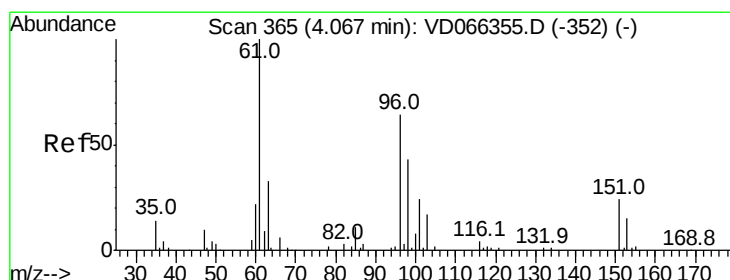
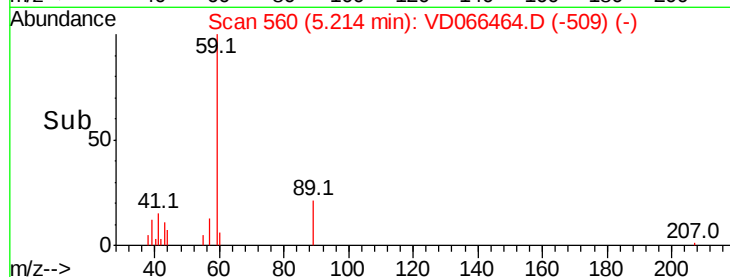
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 46.859 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

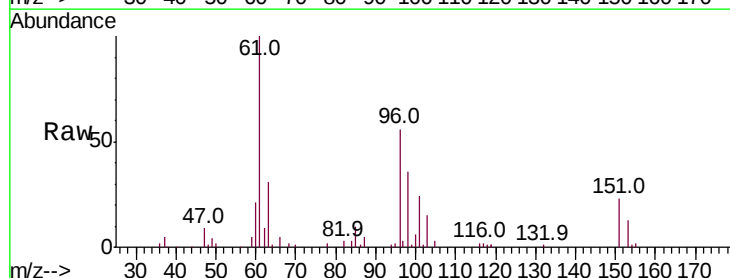
Tgt Ion: 96 Resp: 60160

Ion Ratio Lower Upper

96 100

61 177.7 124.3 186.5

98 64.6 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

50000

40000

30000

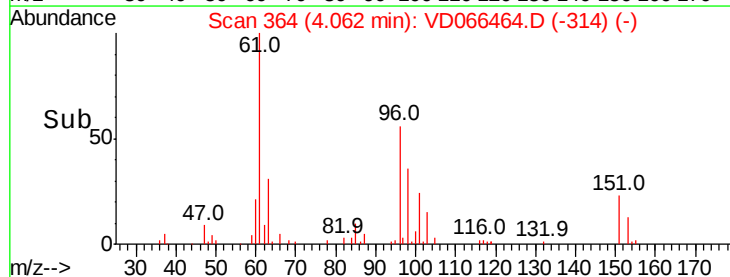
20000

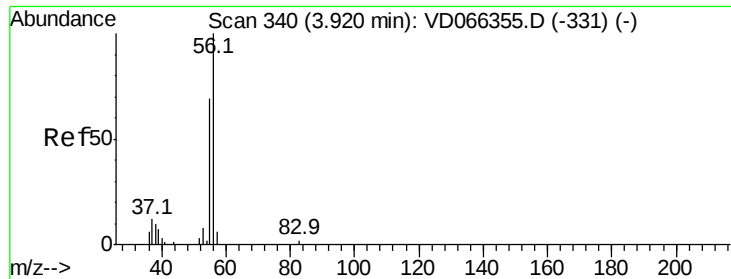
10000

0

4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 146.649 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

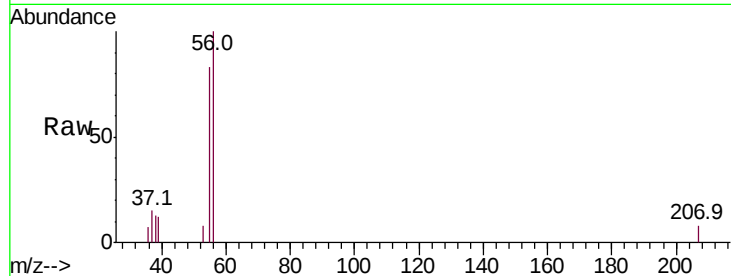
789UMR-TP11-0006-01MSD

Tot Ion: 56 Resp: 10057

Ion Ratio Lower Upper

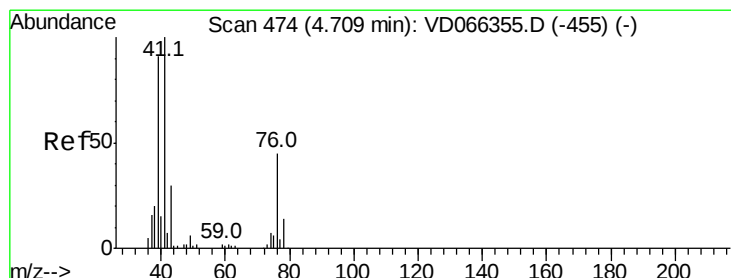
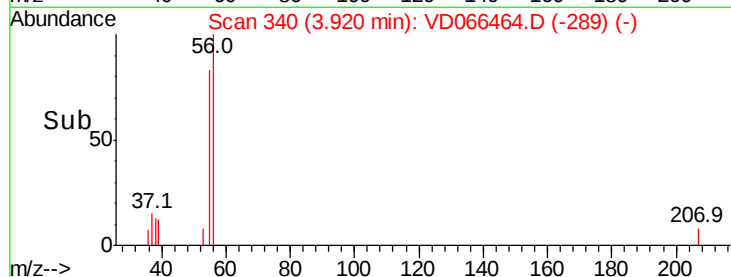
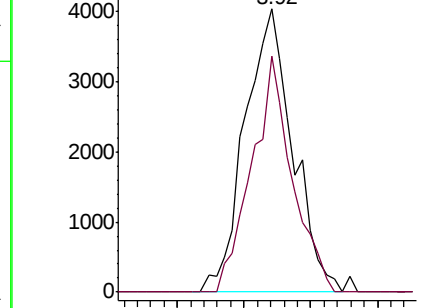
56 100

55 69.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 41.275 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

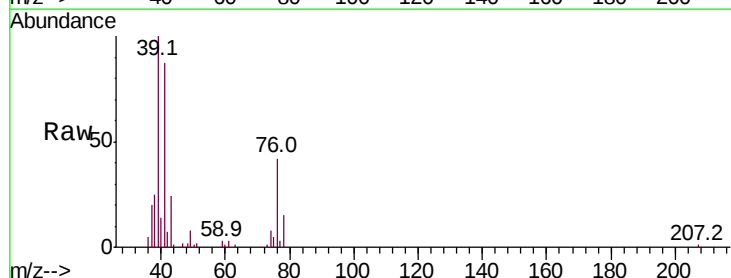
Tgt Ion: 41 Resp: 70731

Ion Ratio Lower Upper

41 100

39 114.6 72.8 109.2#

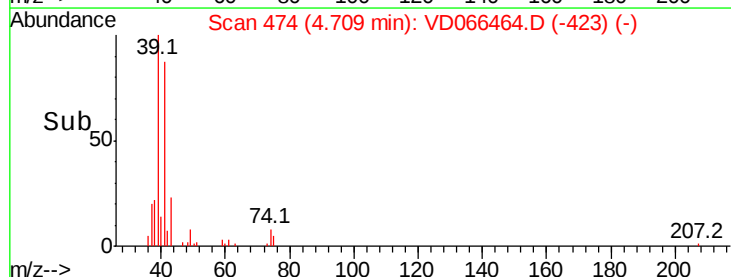
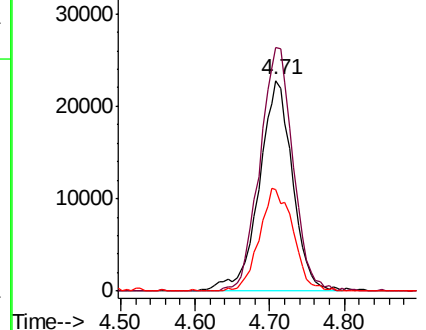
76 49.2 34.0 51.0

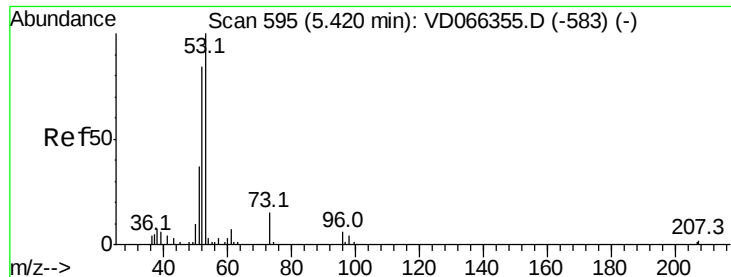


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 223.867 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

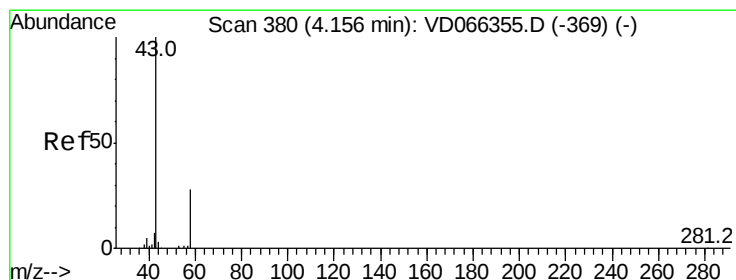
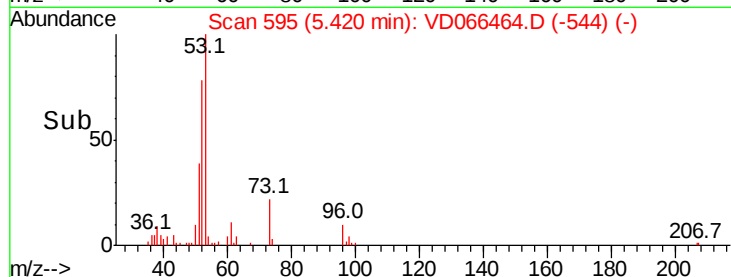
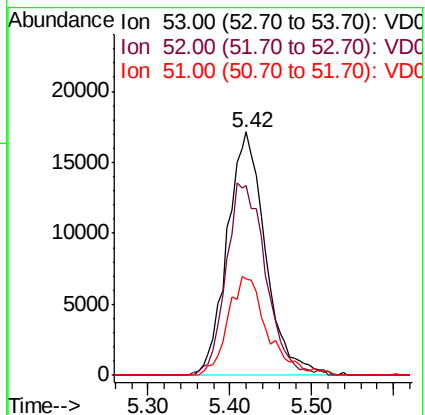
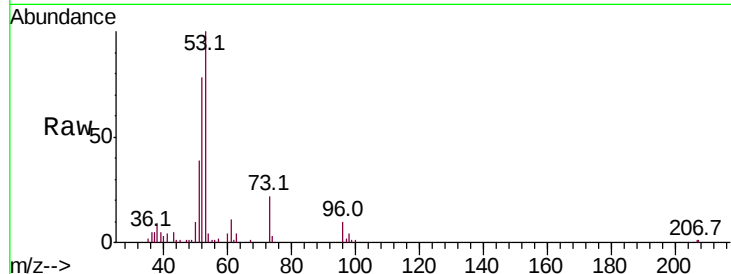
Tot Ion: 53 Resp: 55775

Ion Ratio Lower Upper

53 100

52 81.2 68.1 102.1

51 41.2 33.8 50.6



#16

Acetone

Concen: 226.114 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066464.D

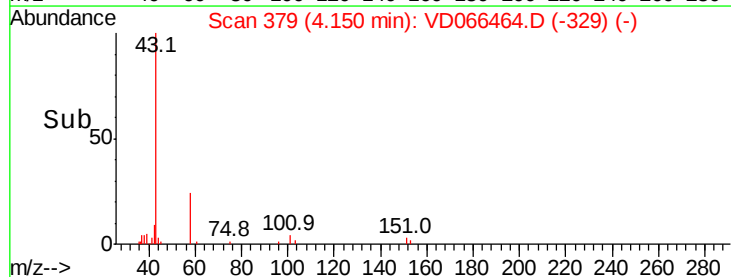
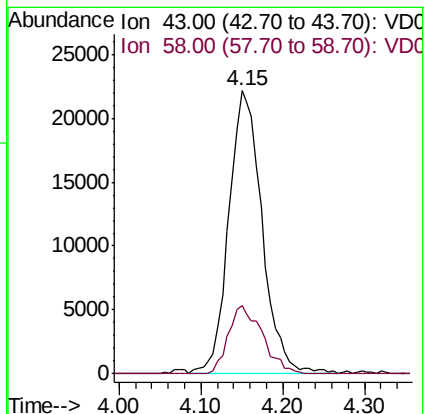
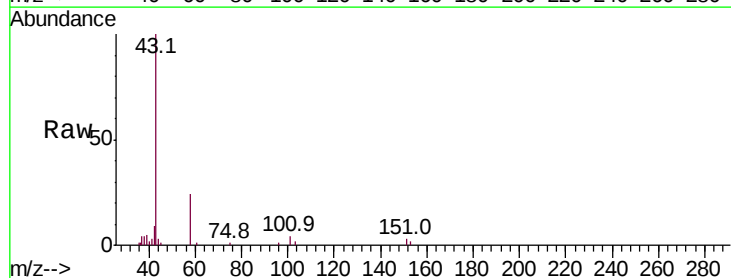
Acq: 28 Aug 2020 17:12

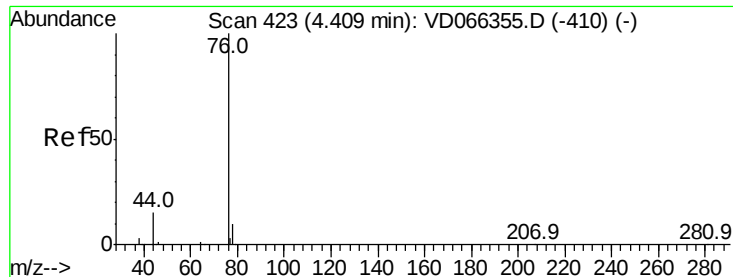
Tgt Ion: 43 Resp: 62955

Ion Ratio Lower Upper

43 100

58 24.1 22.7 34.1





#17

Carbon Disulfide

Concen: 41.390 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

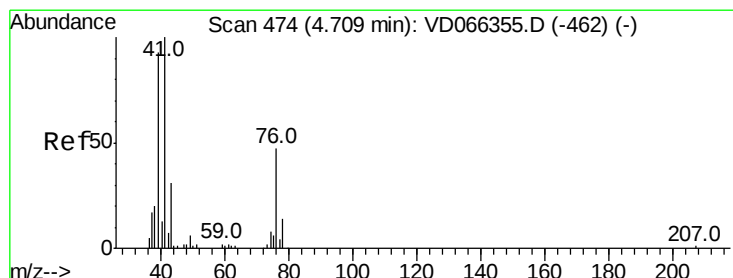
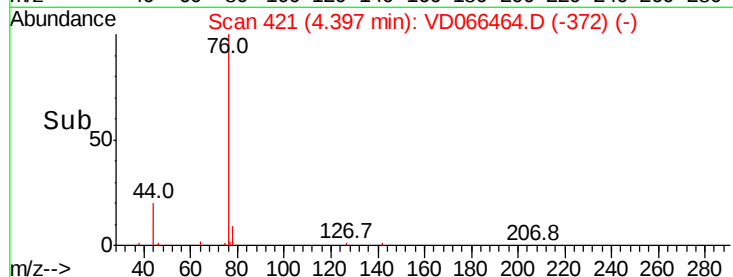
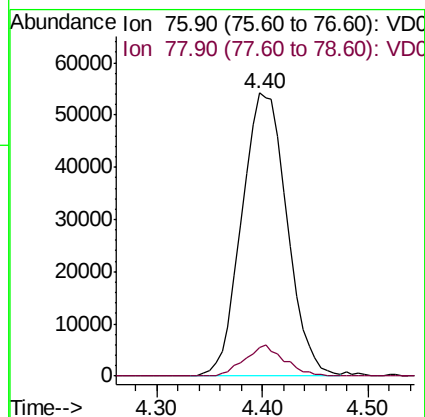
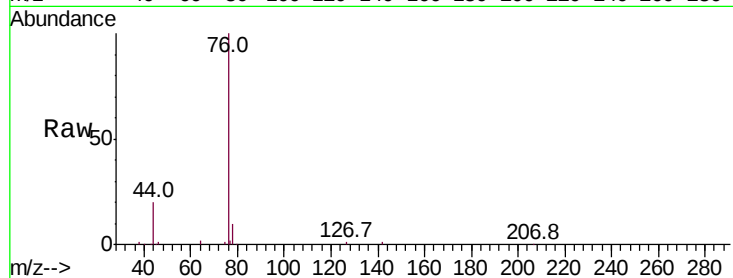
789UMR-TP11-0006-01MSD

Tot Ion: 76 Resp: 161045

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5



#18

Methyl Acetate

Concen: 43.100 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066464.D

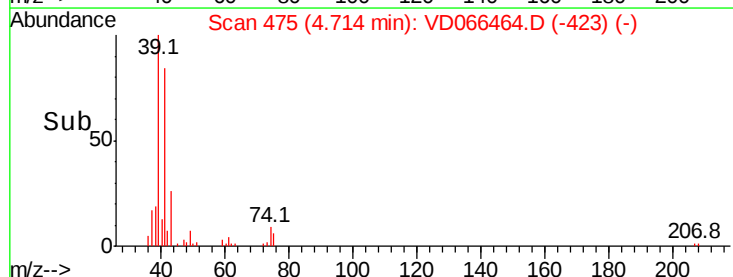
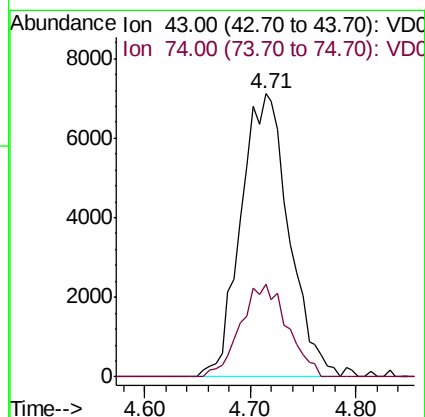
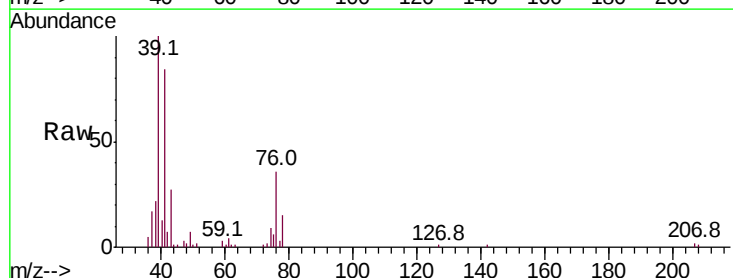
Acq: 28 Aug 2020 17:12

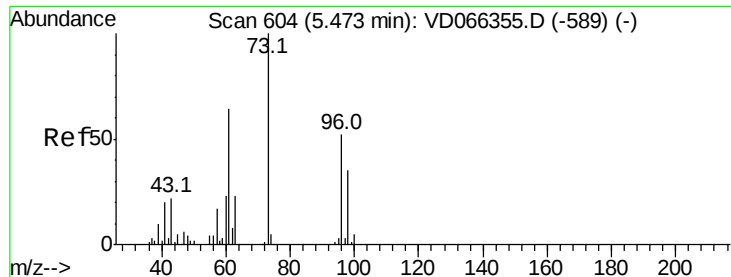
Tgt Ion: 43 Resp: 22522

Ion Ratio Lower Upper

43 100

74 31.9 21.0 31.6#



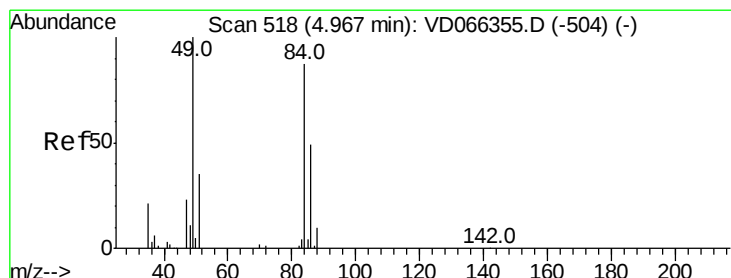
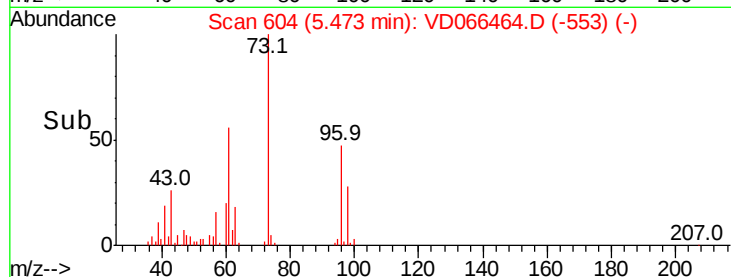
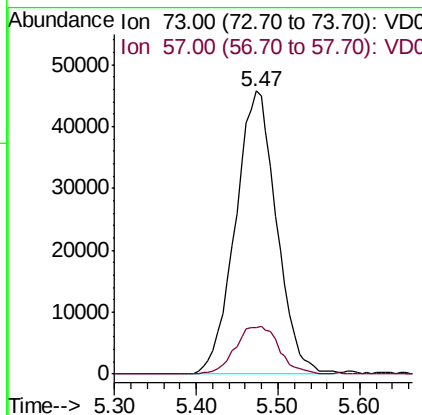
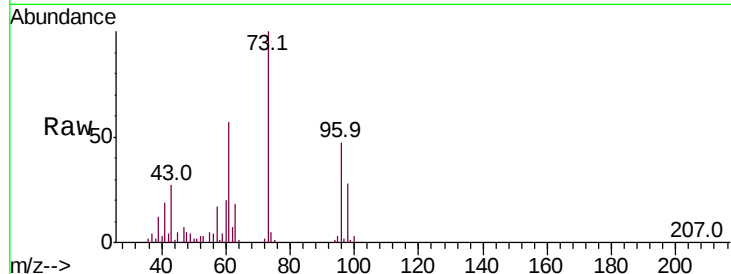


#19

Methyl tert-butyl Ether  
 Concen: 51.865 ug/l  
 RT: 5.47 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

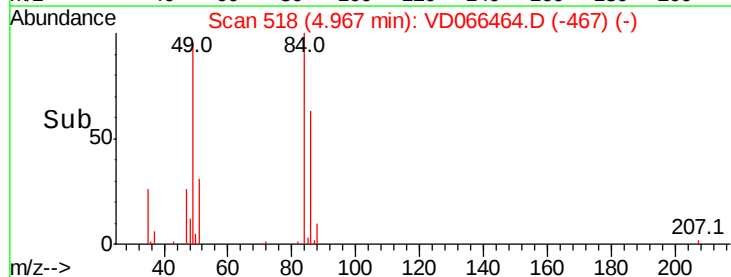
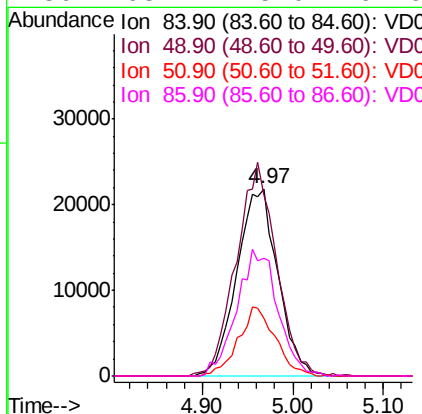
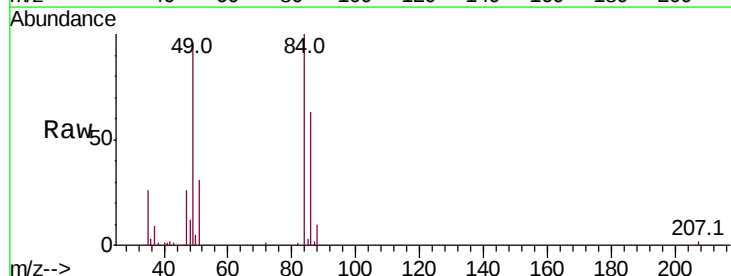
Tot Ion: 73 Resp: 160335  
 Ion Ratio Lower Upper  
 73 100  
 57 16.6 13.8 20.6

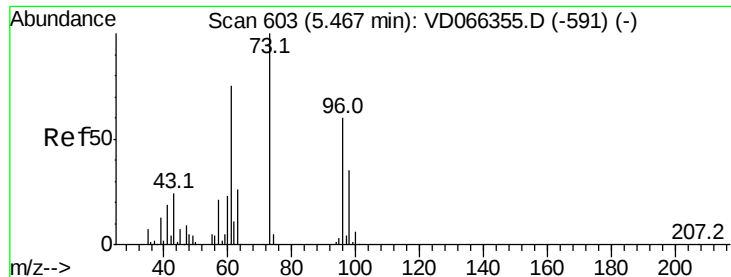


#20

Methylene Chloride  
 Concen: 45.665 ug/l  
 RT: 4.97 min Scan# 518  
 Delta R.T. 0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Tgt Ion: 84 Resp: 68758  
 Ion Ratio Lower Upper  
 84 100  
 49 96.2 92.5 138.7  
 51 30.9 32.5 48.7#  
 86 63.2 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 46.033 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

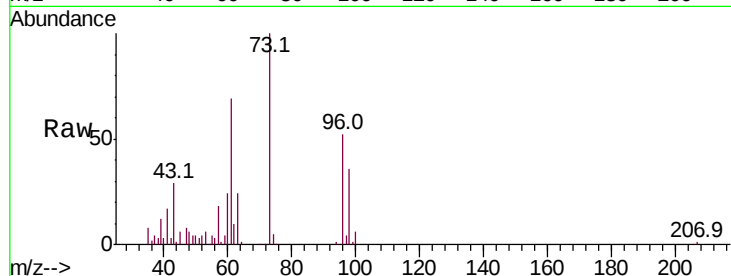
Tot Ion: 96 Resp: 68796

Ion Ratio Lower Upper

96 100

61 133.9 101.1 151.7

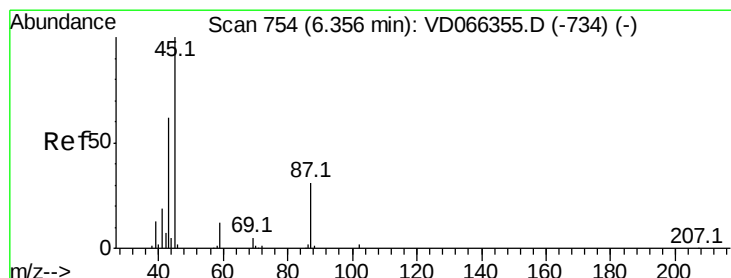
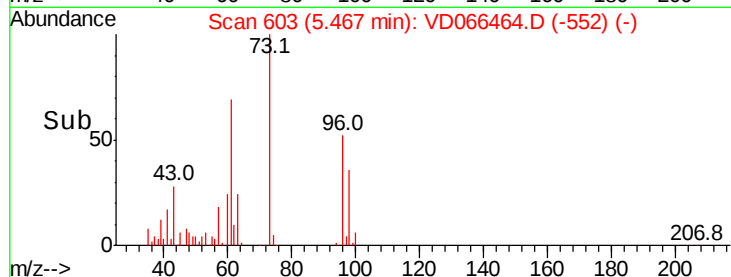
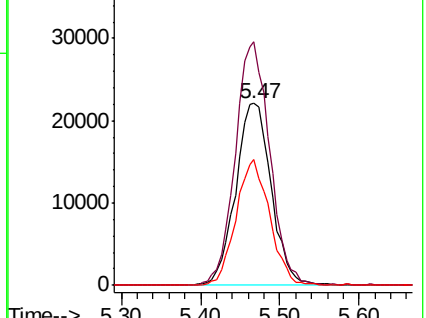
98 69.3 47.0 70.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 41.505 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Tgt Ion: 45 Resp: 137705

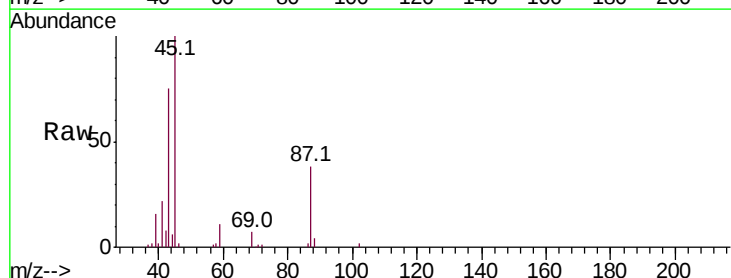
Ion Ratio Lower Upper

45 100

43 73.1 49.8 74.8

87 37.1 25.0 37.6

59 11.1 9.6 14.4

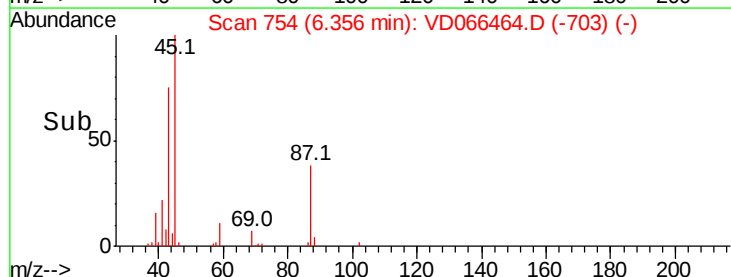
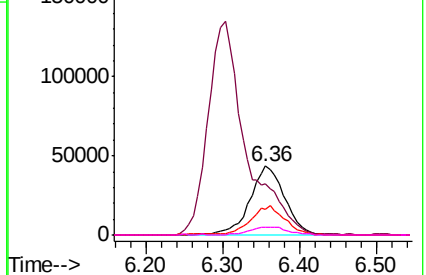


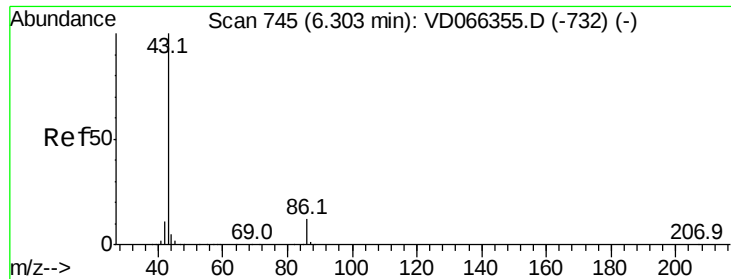
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 225.170 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

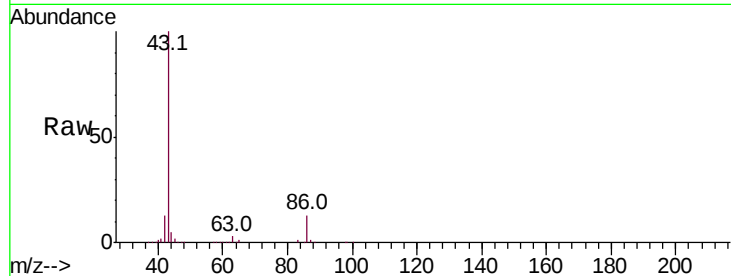
789UMR-TP11-0006-01MSD

Tot Ion: 43 Resp: 462484

Ion Ratio Lower Upper

43 100

86 12.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

150000

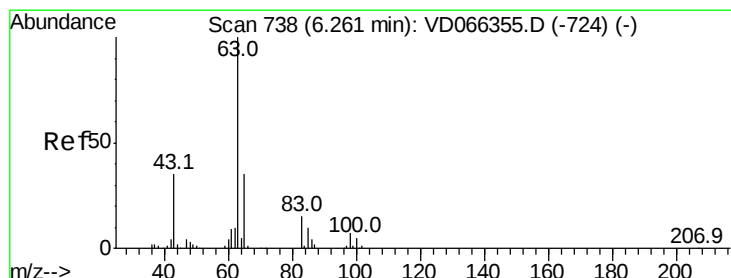
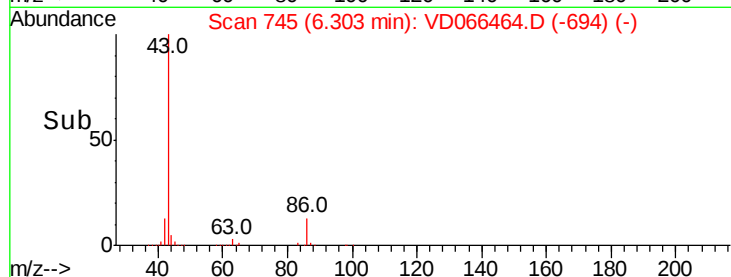
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.788 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

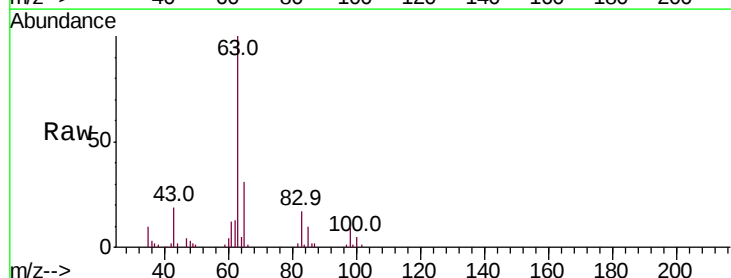
Tgt Ion: 63 Resp: 107356

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.6

100 5.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

30000

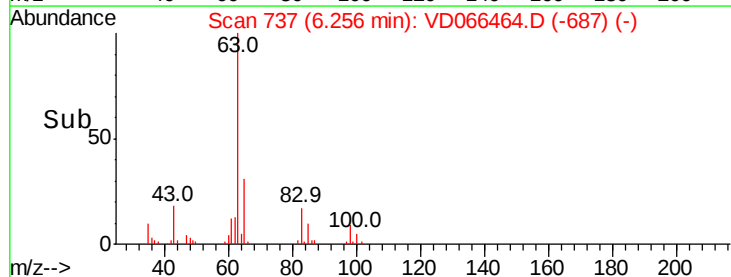
20000

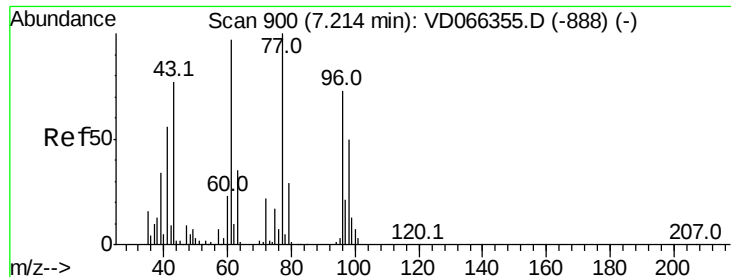
10000

0

Time-->

6.10 6.20 6.30 6.40

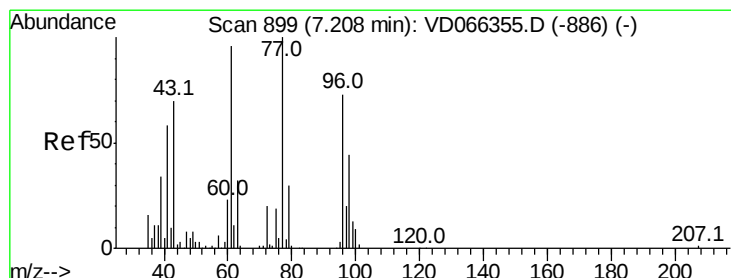
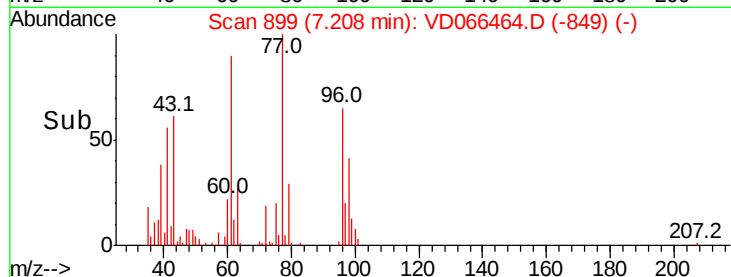
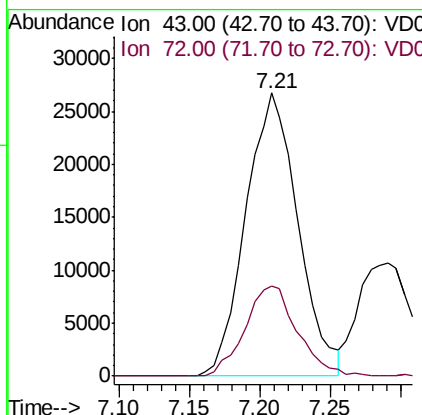
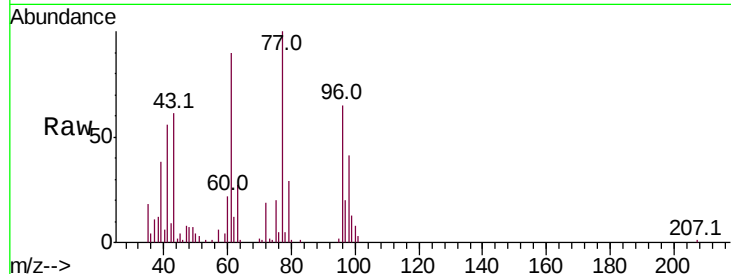




#25  
2-Butanone  
Concen: 219.535 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

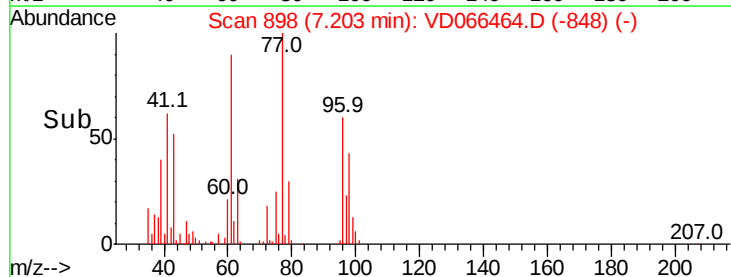
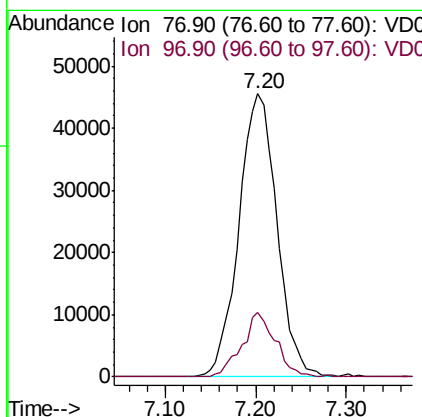
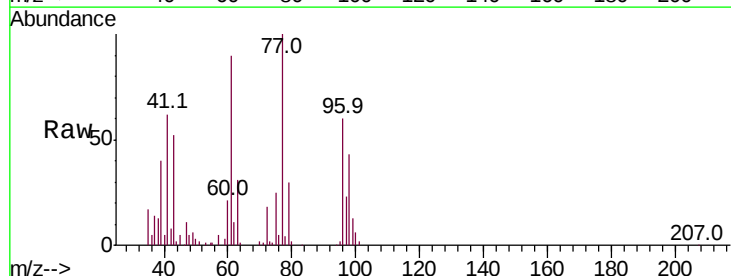
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

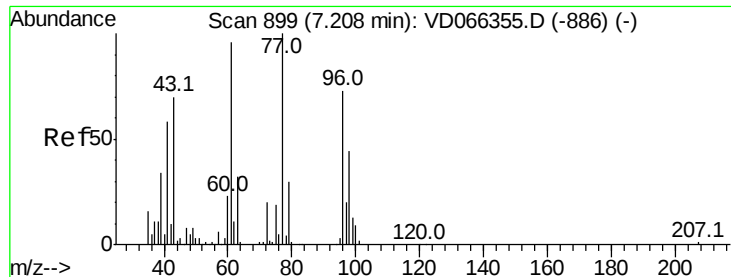
Tot Ion: 43 Resp: 69390  
Ion Ratio Lower Upper  
43 100  
72 31.8 22.5 33.7



#26  
2,2-Dichloropropane  
Concen: 52.828 ug/l  
RT: 7.20 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 77 Resp: 132754  
Ion Ratio Lower Upper  
77 100  
97 20.0 10.7 31.9

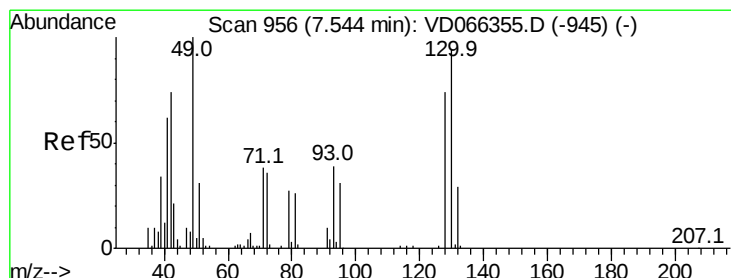
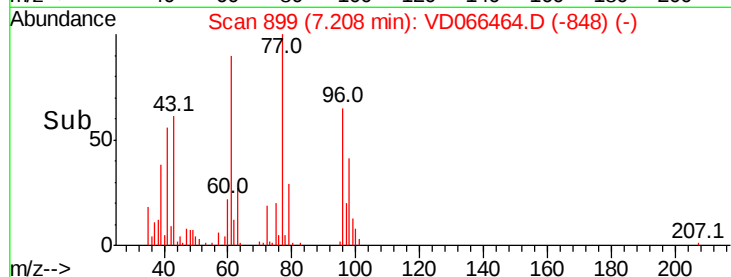
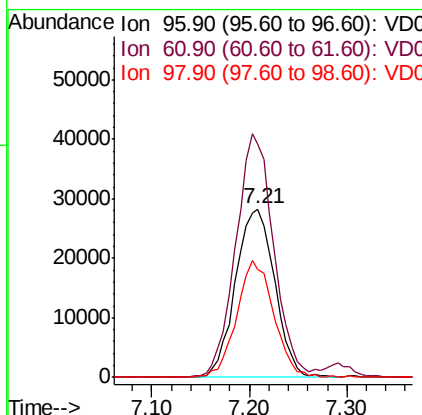
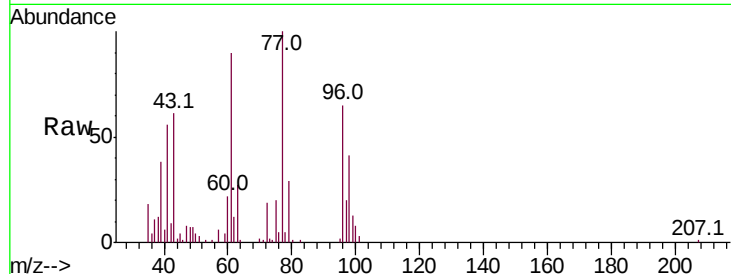




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.312 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

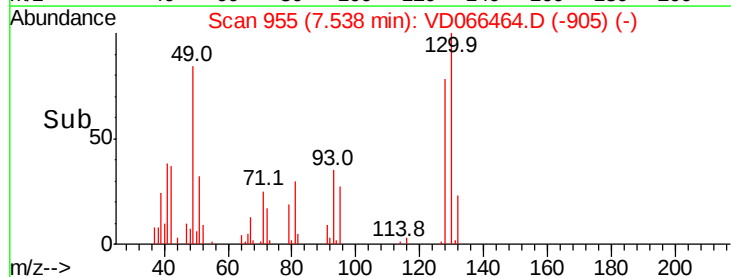
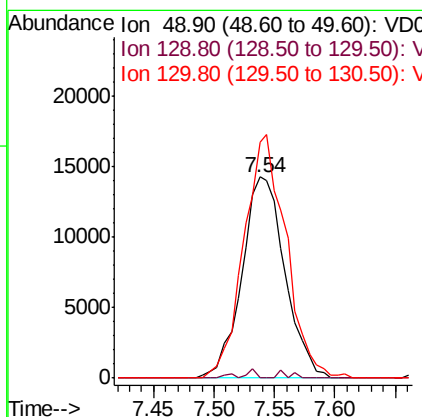
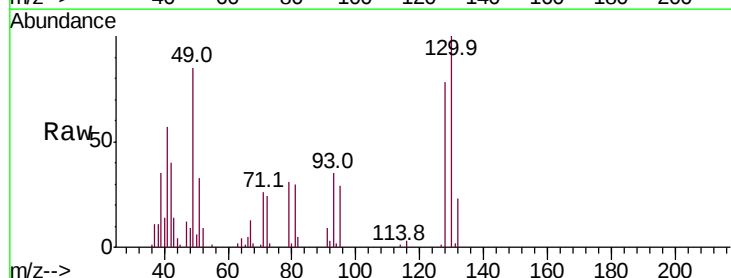
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

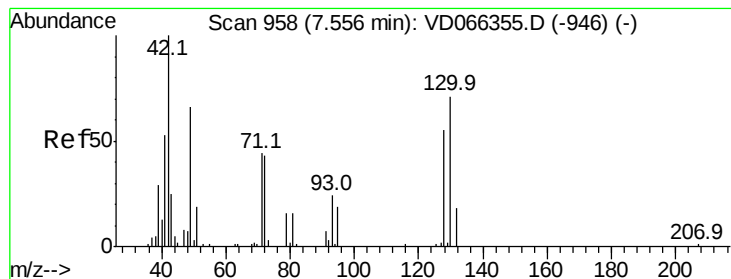
Tot Ion: 96 Resp: 78966  
 Ion Ratio Lower Upper  
 96 100  
 61 139.7 0.0 281.4  
 98 65.3 0.0 132.2



#28  
 Bromochloromethane  
 Concen: 43.737 ug/l  
 RT: 7.54 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Tgt Ion: 49 Resp: 35323  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 3.0  
 130 118.7 82.6 124.0





#29

Tetrahydrofuran

Concen: 206.575 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

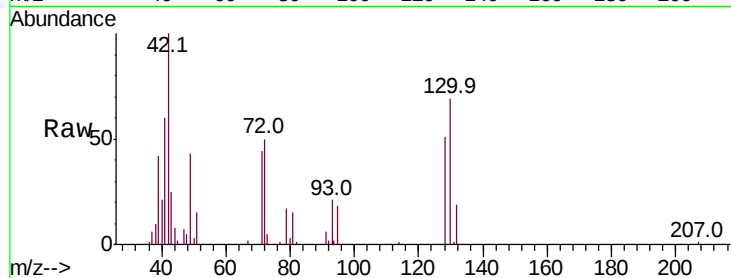
Tot Ion: 42 Resp: 37086

Ion Ratio Lower Upper

42 100

72 58.0 41.0 61.4

71 54.3 37.2 55.8

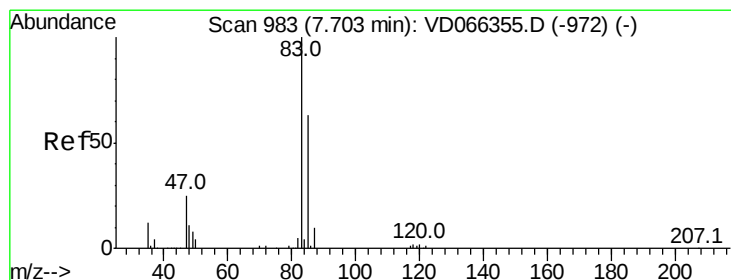
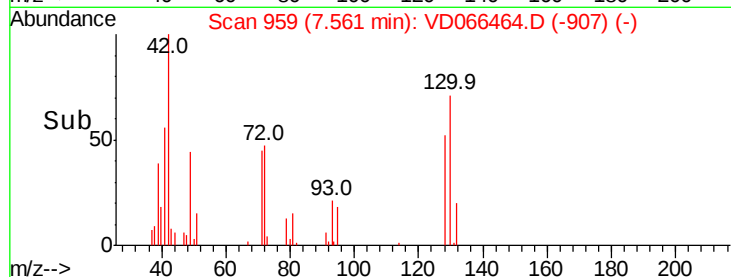
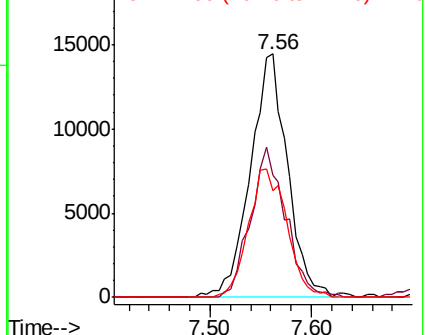


Abundance

Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 51.159 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.00 min

Lab File: VD066464.D

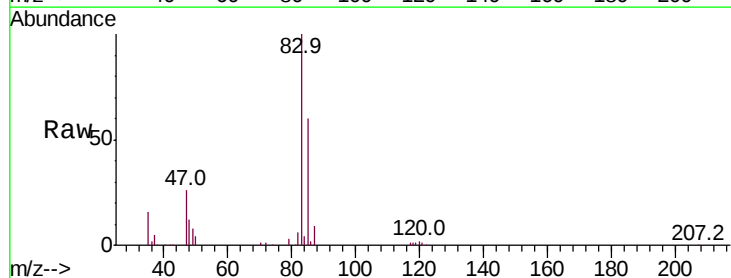
Acq: 28 Aug 2020 17:12

Tgt Ion: 83 Resp: 138779

Ion Ratio Lower Upper

83 100

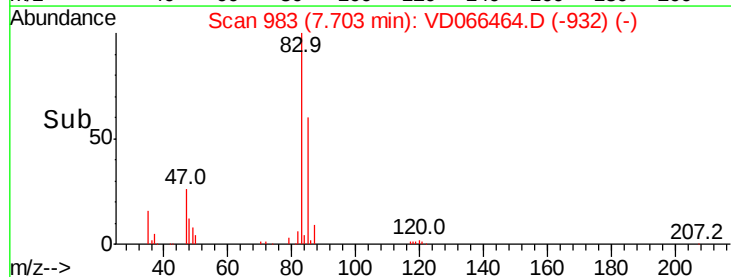
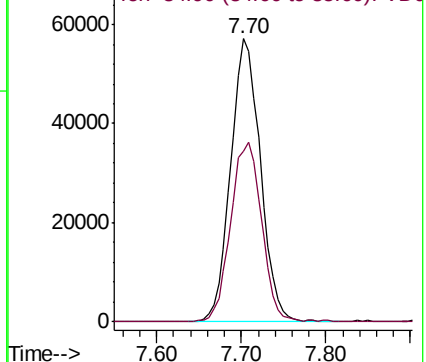
85 60.4 50.3 75.5

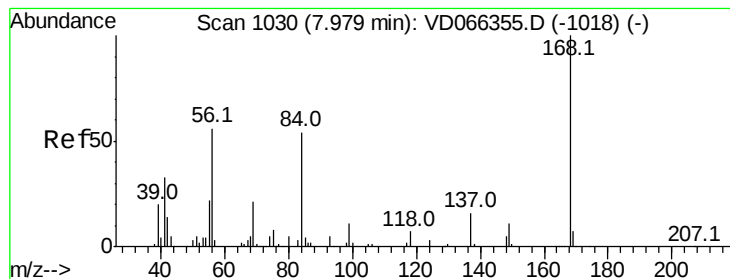


Abundance

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 39.001 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

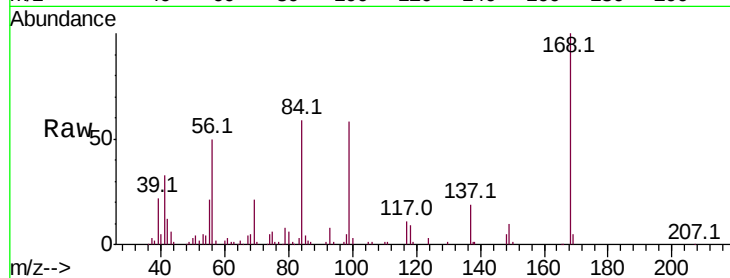
Tot Ion: 56 Resp: 83631

Ion Ratio Lower Upper

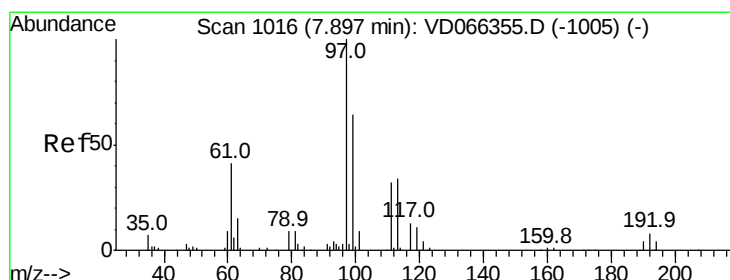
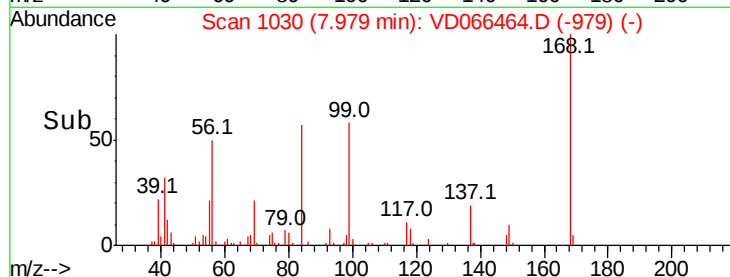
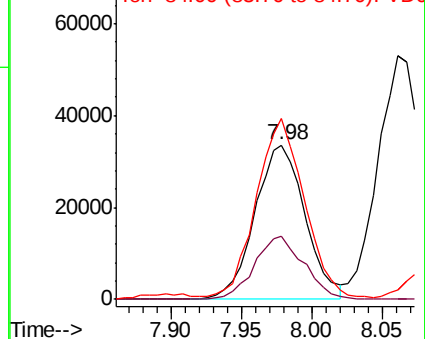
56 100

69 41.1 29.6 44.4

84 114.9 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 54.685 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

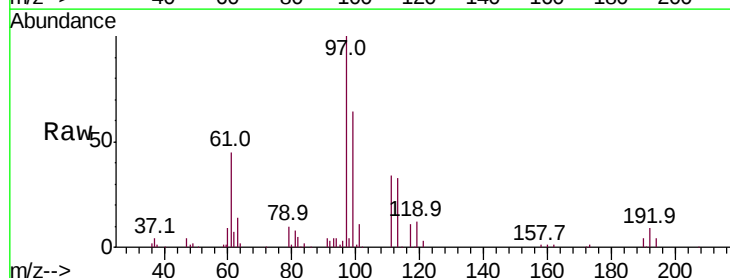
Tgt Ion: 97 Resp: 151824

Ion Ratio Lower Upper

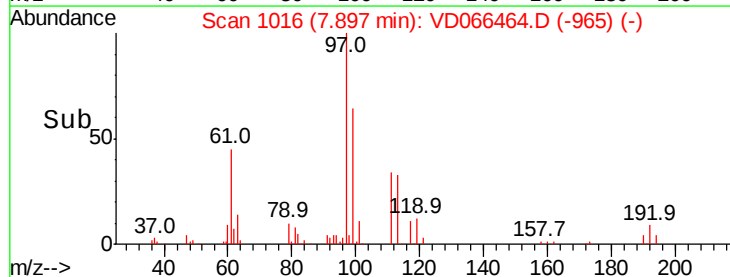
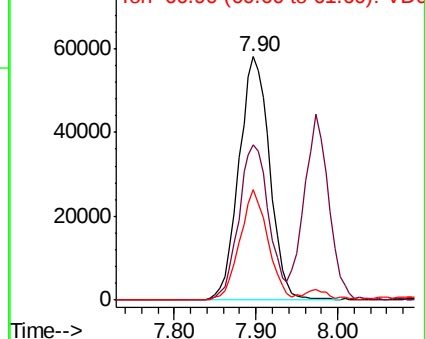
97 100

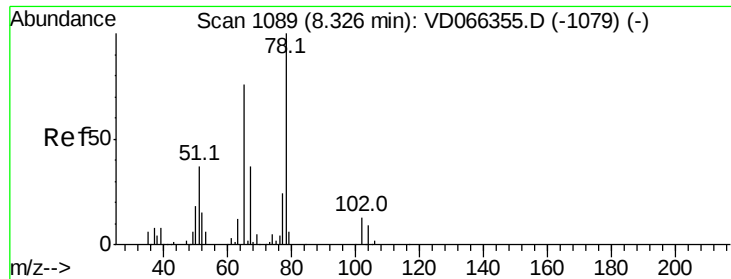
99 62.7 51.5 77.3

61 41.4 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC

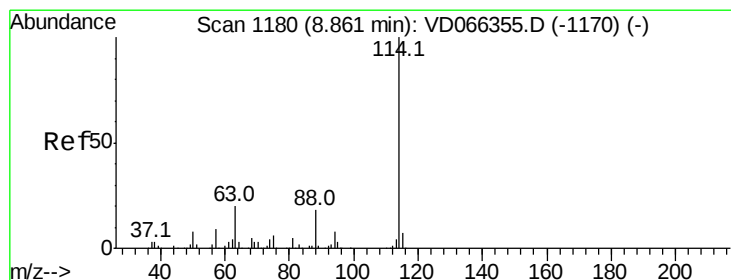
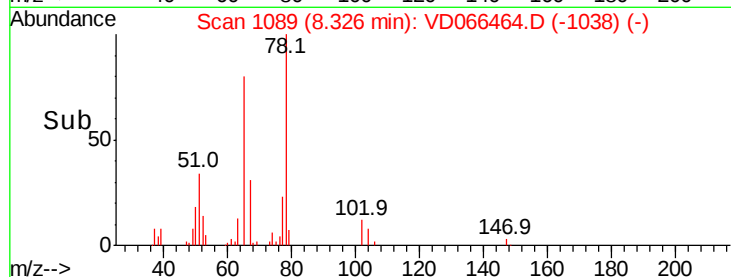
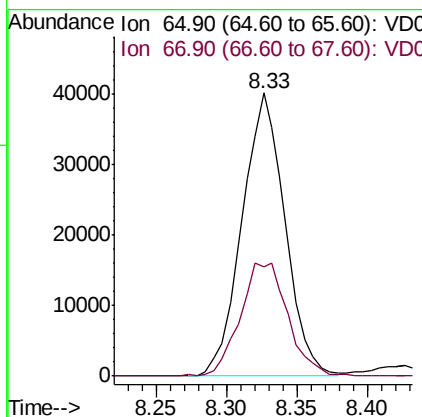
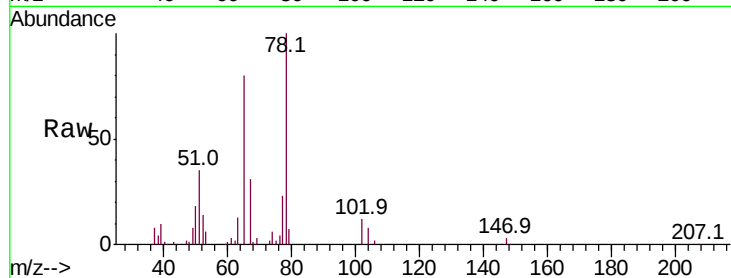




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.366 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

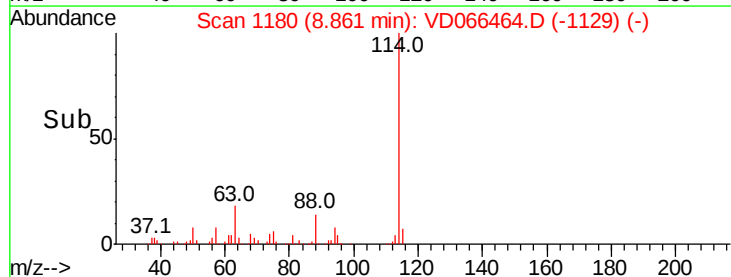
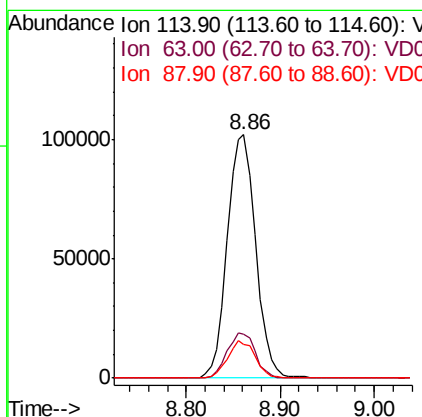
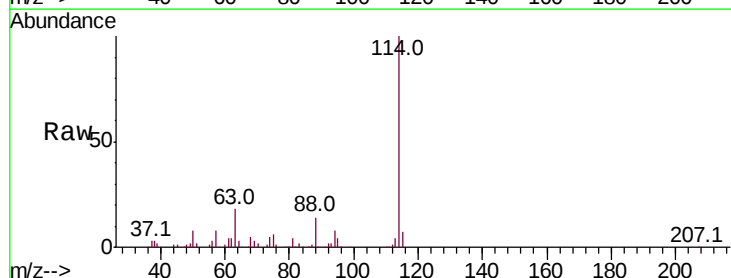
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

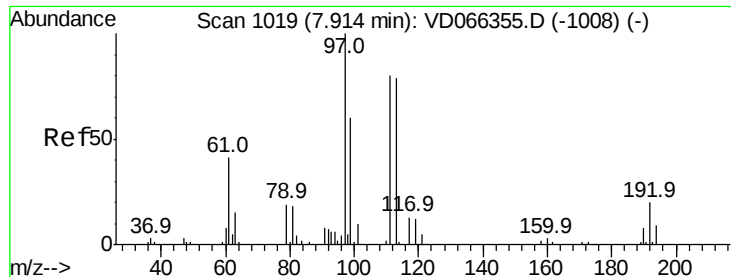
Tot Ion: 65 Resp: 85504  
 Ion Ratio Lower Upper  
 65 100  
 67 44.6 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Tgt Ion: 114 Resp: 214376  
 Ion Ratio Lower Upper  
 114 100  
 63 18.0 0.0 40.8  
 88 14.0 0.0 35.4

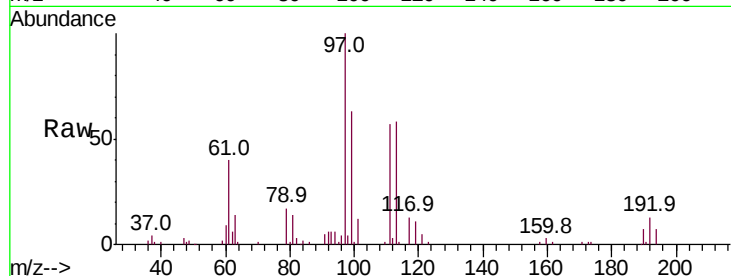




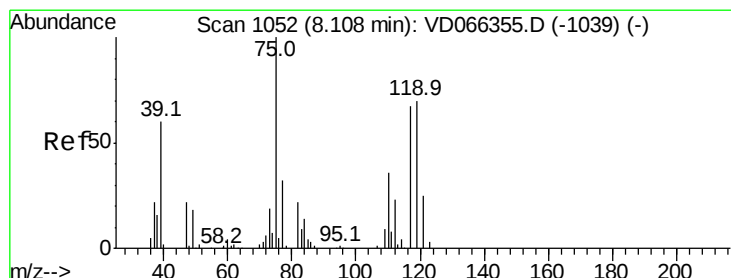
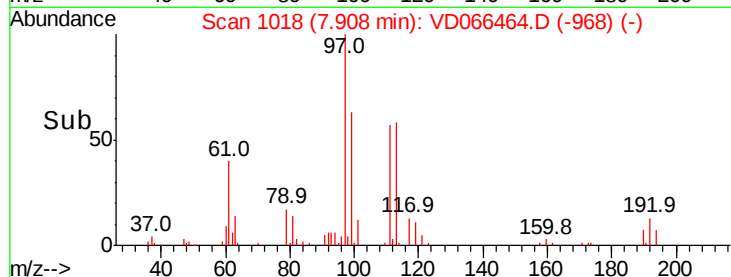
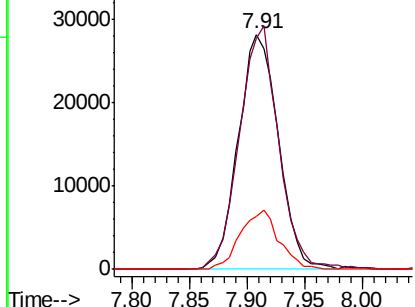
#35  
 Dibromofluoromethane  
 Concen: 50.714 ug/l  
 RT: 7.91 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

Tot Ion:113 Resp: 67983  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 80.3 120.5  
 192 24.1 19.0 28.6

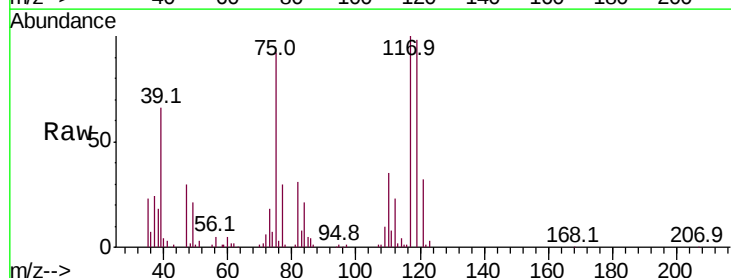


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

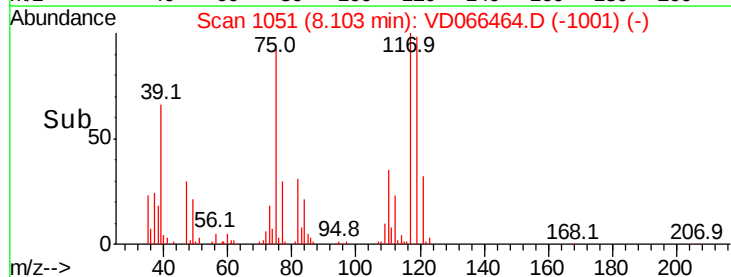
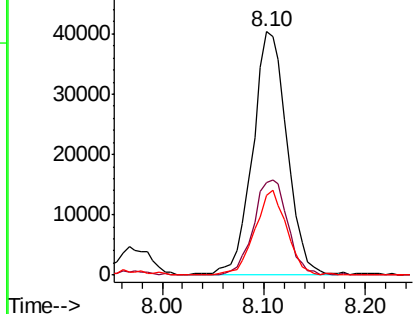


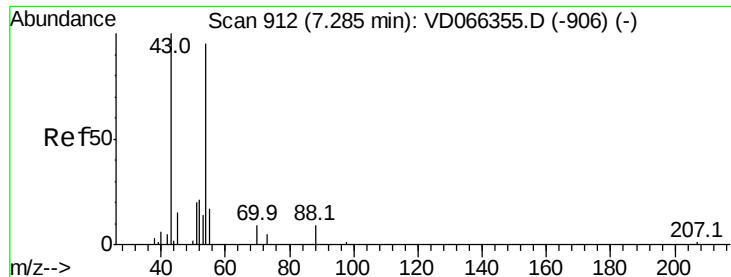
#36  
 1,1-Dichloropropene  
 Concen: 48.606 ug/l  
 RT: 8.10 min Scan# 1051  
 Delta R.T. -0.01 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Tgt Ion: 75 Resp: 95076  
 Ion Ratio Lower Upper  
 75 100  
 110 38.5 18.7 56.1  
 77 32.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VDC  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VDC

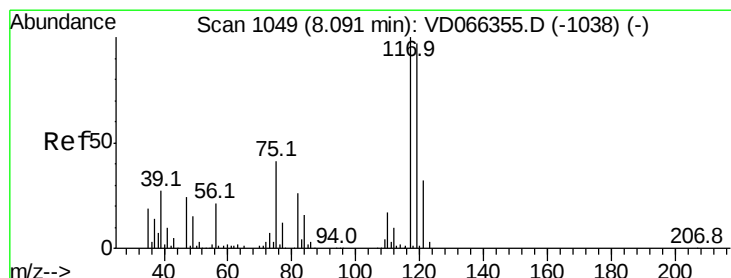
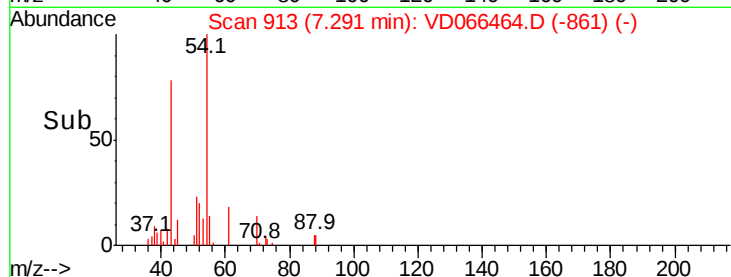
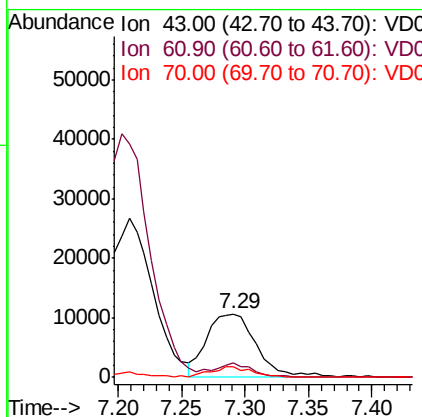
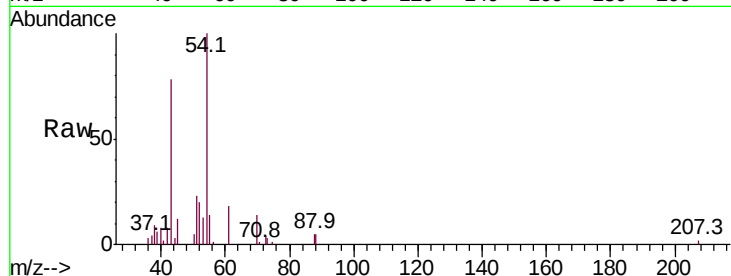




#37  
Ethyl Acetate  
Concen: 43.570 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

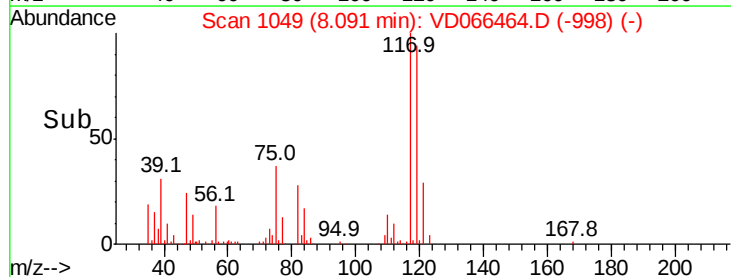
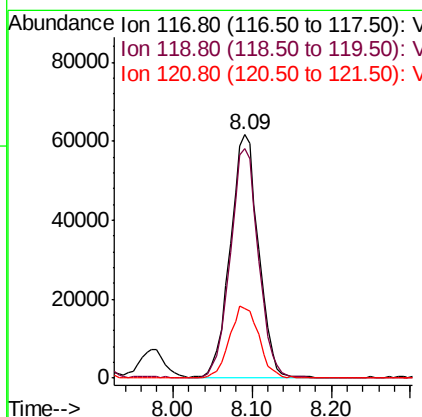
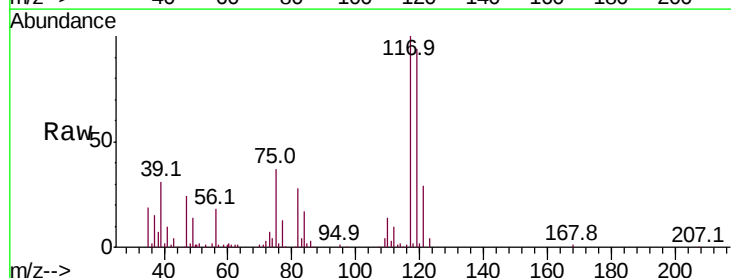
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

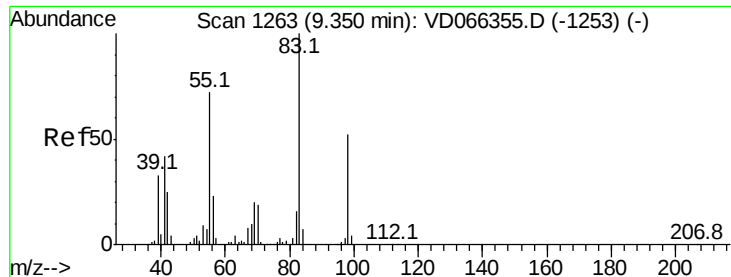
Tot Ion: 43 Resp: 28986  
Ion Ratio Lower Upper  
43 100  
61 14.5 13.3 19.9  
70 14.8 3.5 5.3#



#38  
Carbon Tetrachloride  
Concen: 59.985 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 117 Resp: 152868  
Ion Ratio Lower Upper  
117 100  
119 94.0 77.2 115.8  
121 28.7 25.8 38.8

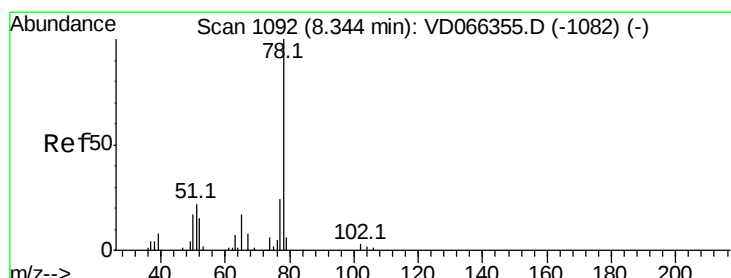
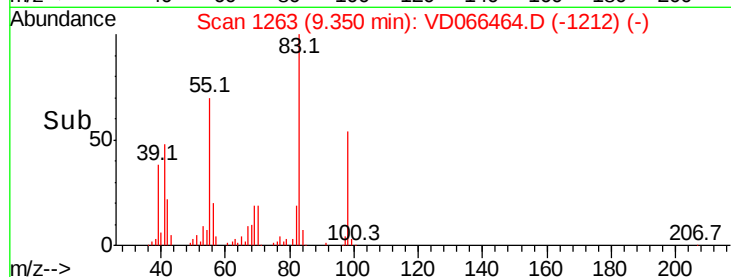
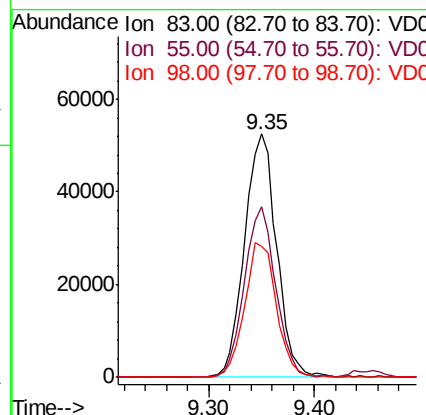
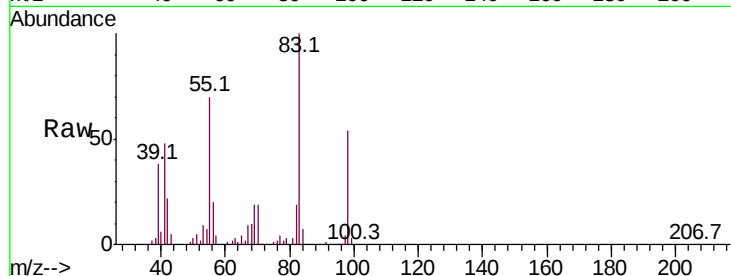




#39  
Methvlcvclohexane  
Concen: 48.150 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

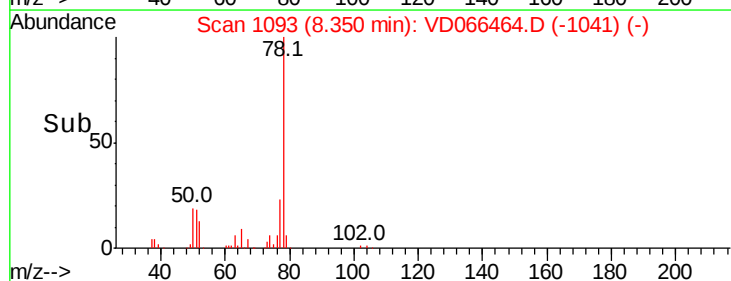
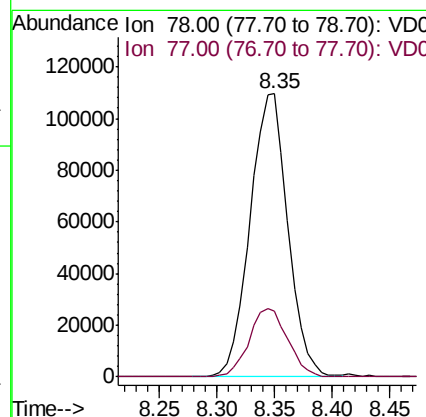
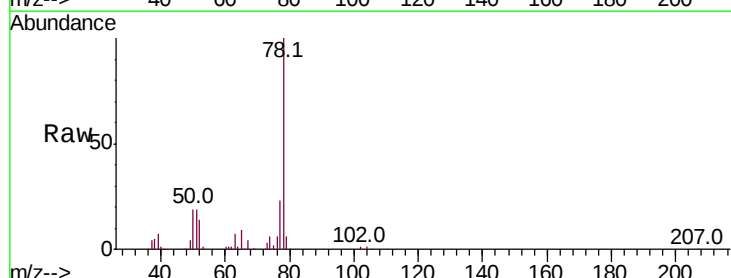
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

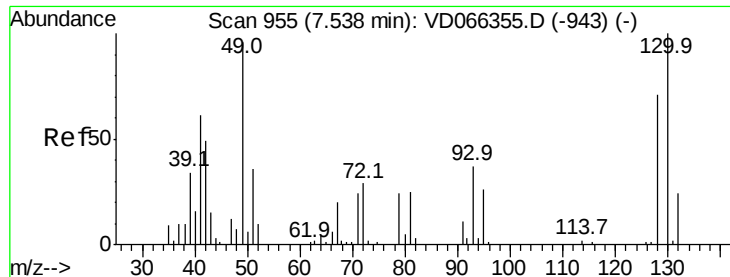
| Tot Ion   | 83    | Resp  | 110947 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 69.9  | 58.0  | 87.0   |
| 98        | 53.8  | 41.9  | 62.9   |



#40  
Benzene  
Concen: 48.579 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

| Tgt Ion   | 78    | Resp  | 249974 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.3  | 18.8  | 28.2   |

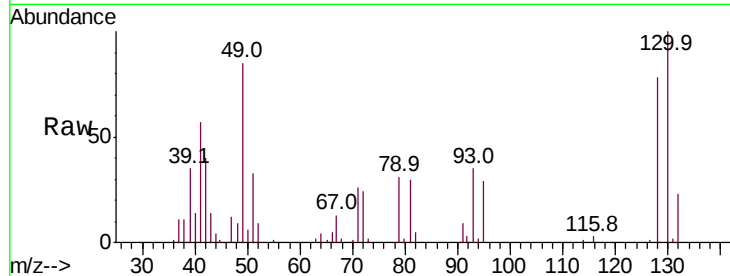




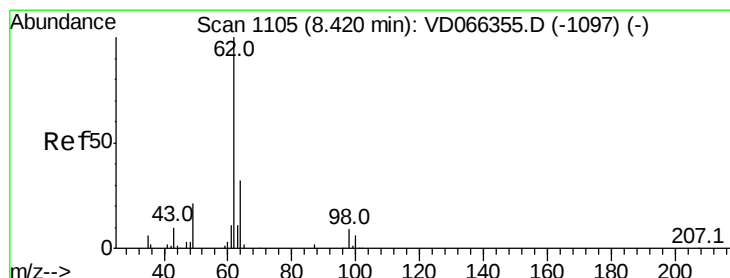
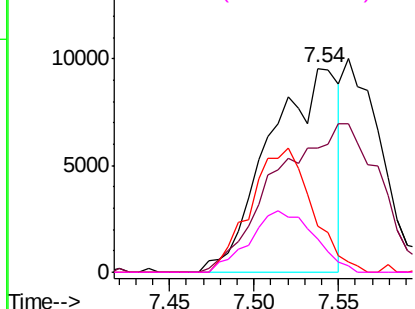
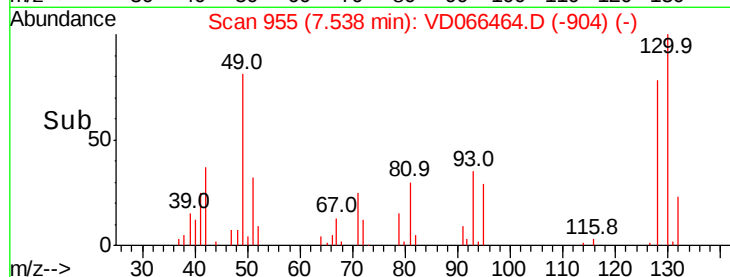
#41  
Methacrylonitrile  
Concen: 66.108 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

Tot Ion: 41 Resp: 27122  
Ion Ratio Lower Upper  
41 100  
39 110.1 51.8 77.8#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

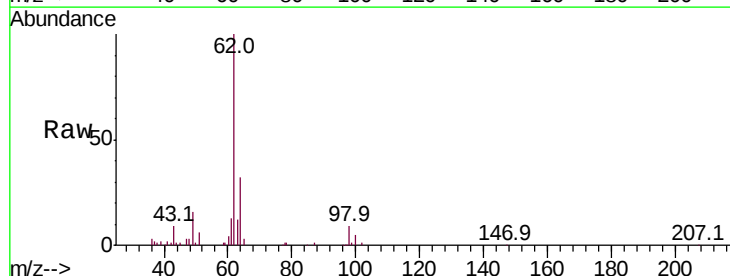


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

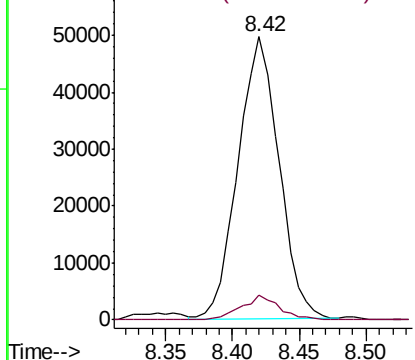
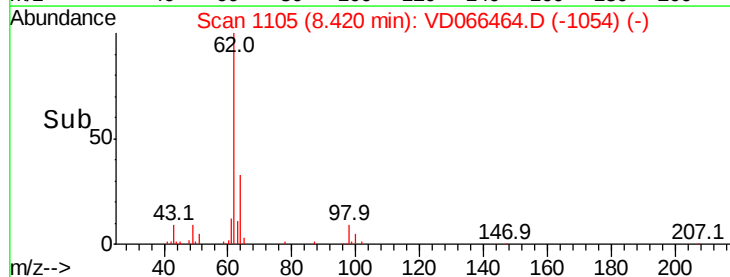


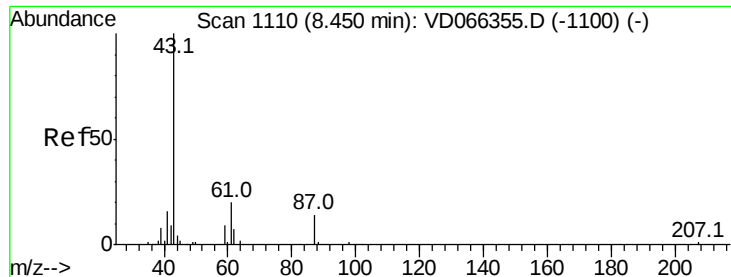
#42  
1,2-Dichloroethane  
Concen: 57.986 ug/l  
RT: 8.42 min Scan# 1105  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 62 Resp: 105090  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 47.214 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

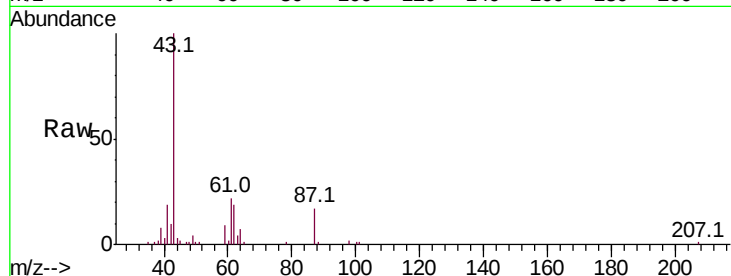
Tot Ion: 43 Resp: 63045

Ion Ratio Lower Upper

43 100

61 34.2 26.5 39.7

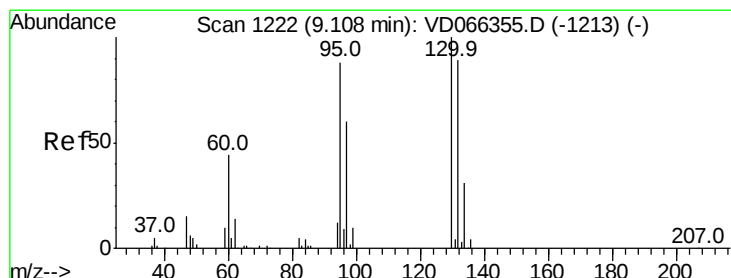
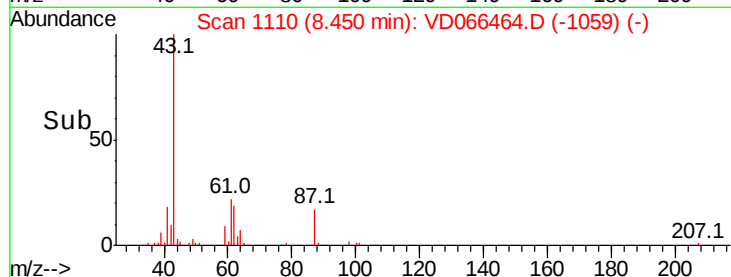
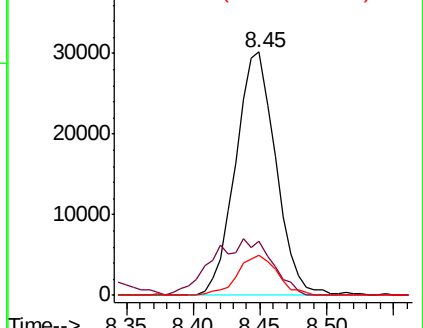
87 16.4 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.708 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066464.D

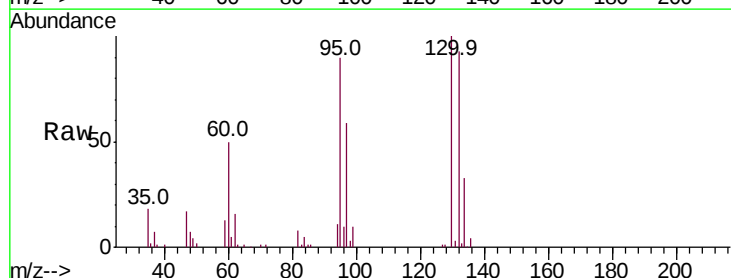
Acq: 28 Aug 2020 17:12

Tgt Ion: 130 Resp: 84786

Ion Ratio Lower Upper

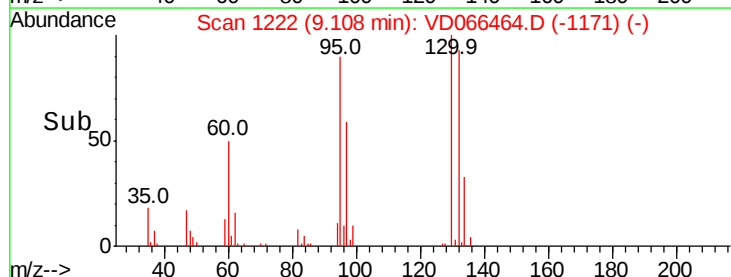
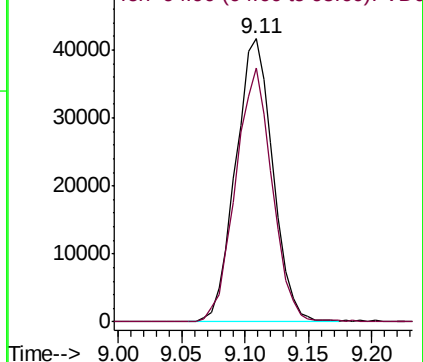
130 100

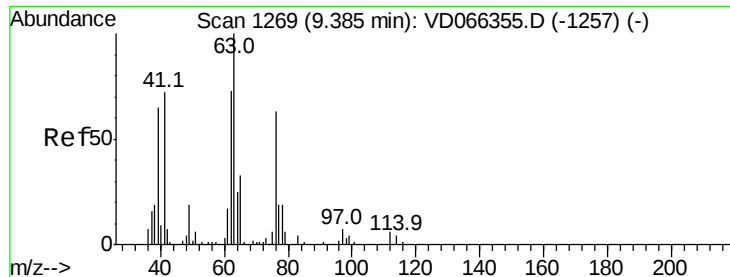
95 89.9 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 42.964 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

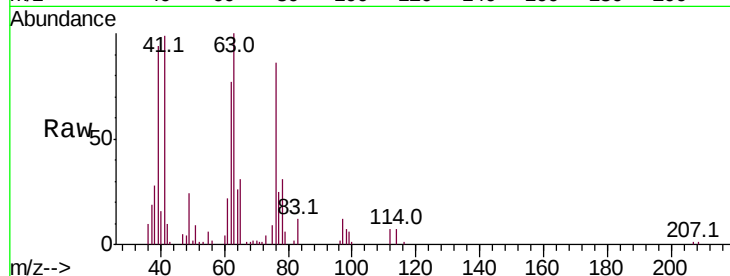
789UMR-TP11-0006-01MSD

Tot Ion: 63 Resp: 50120

Ion Ratio Lower Upper

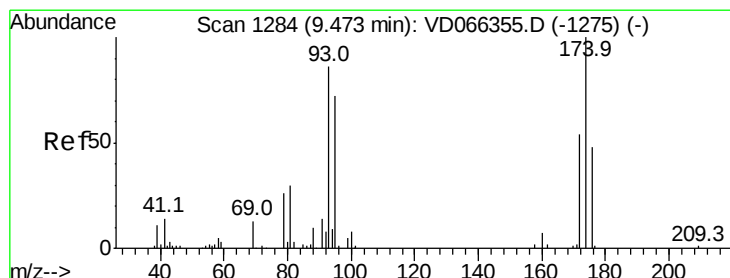
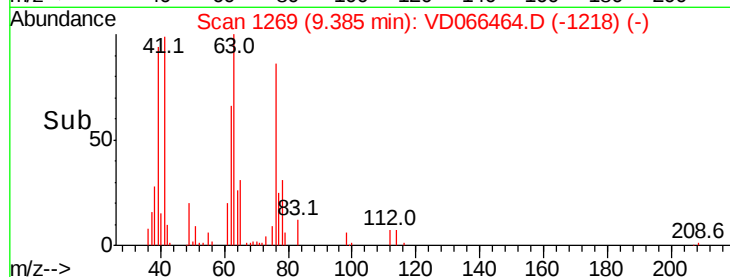
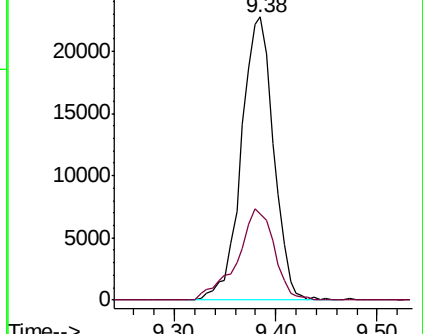
63 100

65 30.5 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.433 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

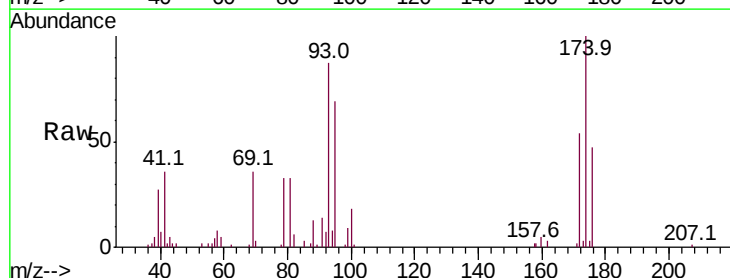
Tgt Ion: 93 Resp: 37357

Ion Ratio Lower Upper

93 100

95 80.0 66.0 99.0

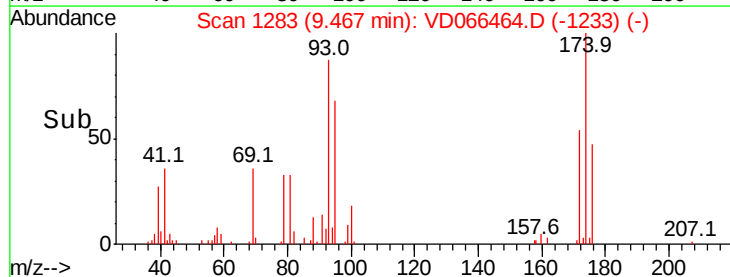
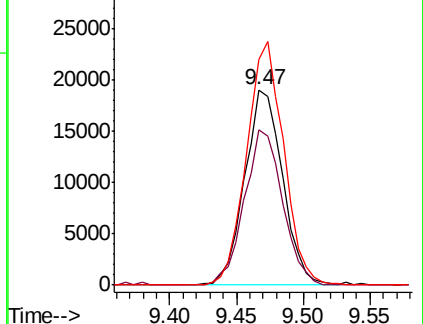
174 122.0 94.6 141.8

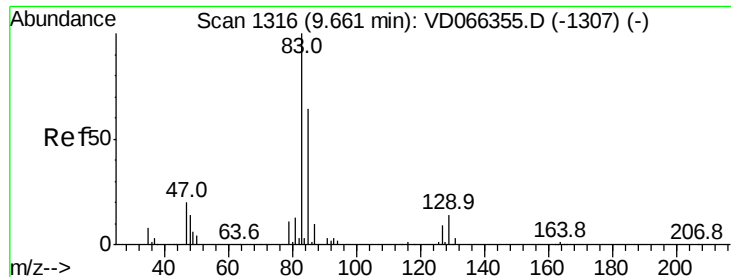


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.568 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

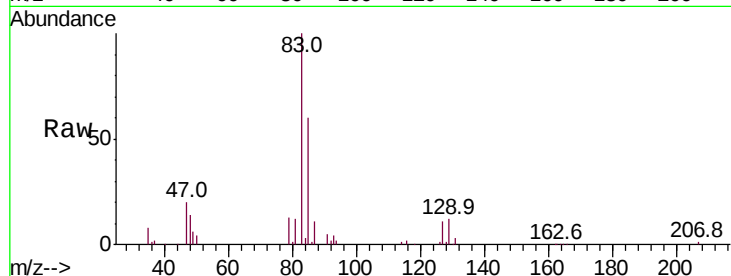
Tot Ion: 83 Resp: 110994

Ion Ratio Lower Upper

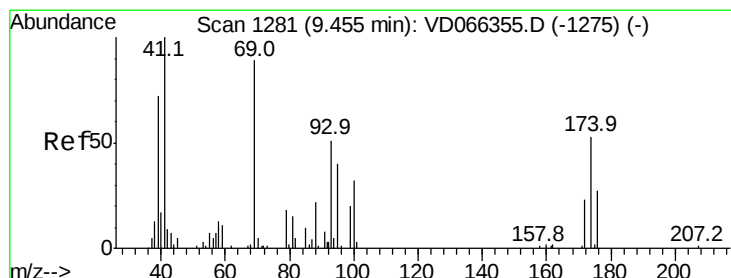
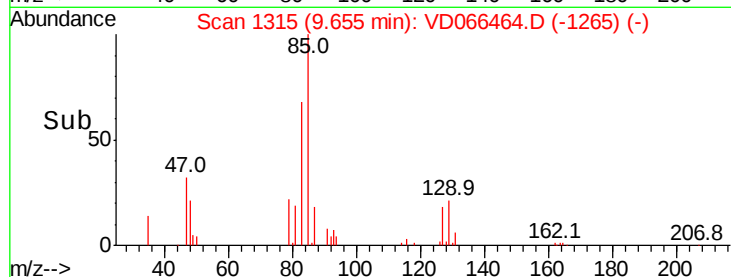
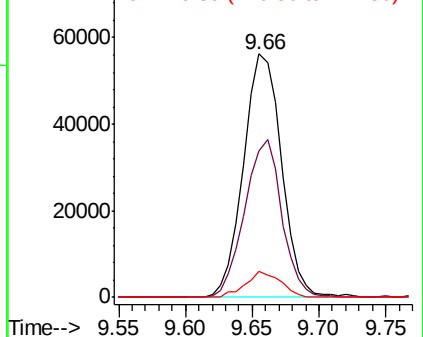
83 100

85 59.9 51.4 77.0

127 10.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 44.775 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

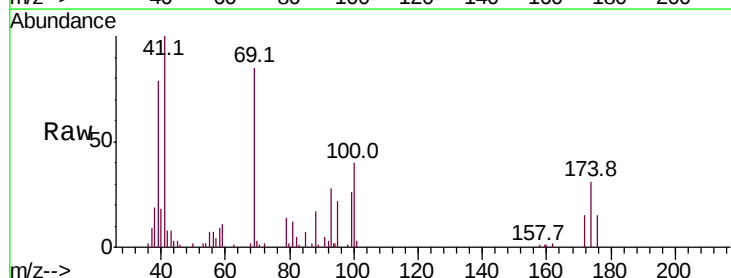
Tgt Ion: 41 Resp: 30831

Ion Ratio Lower Upper

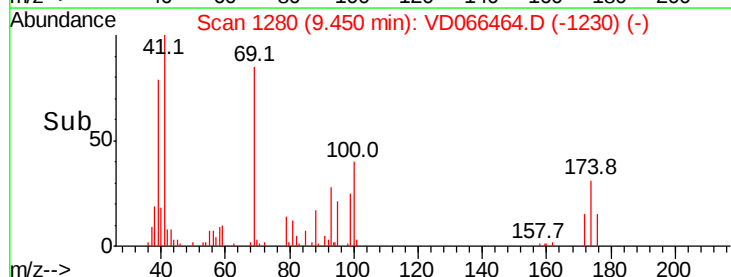
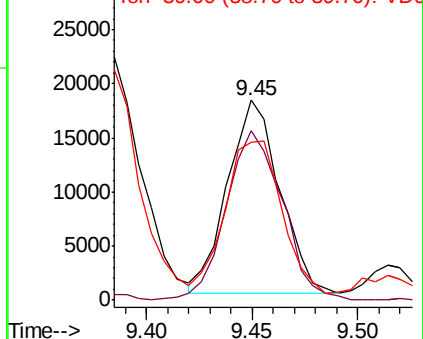
41 100

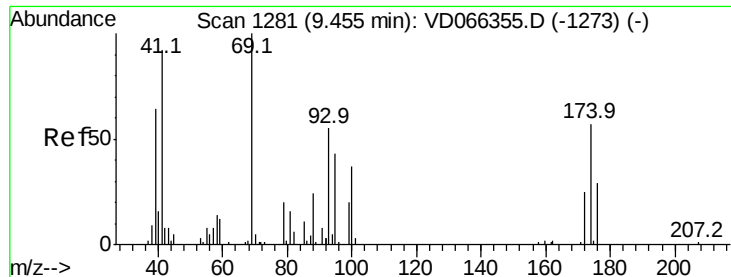
69 93.8 75.5 113.3

39 84.6 57.0 85.4



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





#49

1,4-Dioxane

Concen: 931.606 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

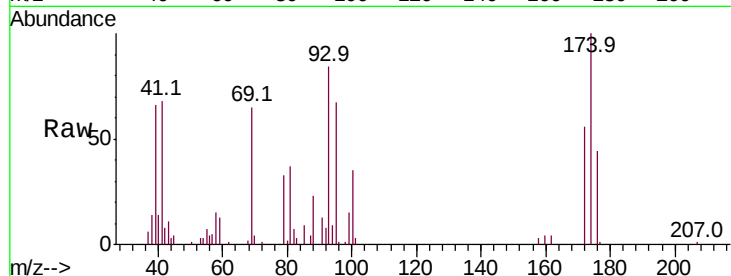
Tot Ion: 88 Resp: 7857

Ion Ratio Lower Upper

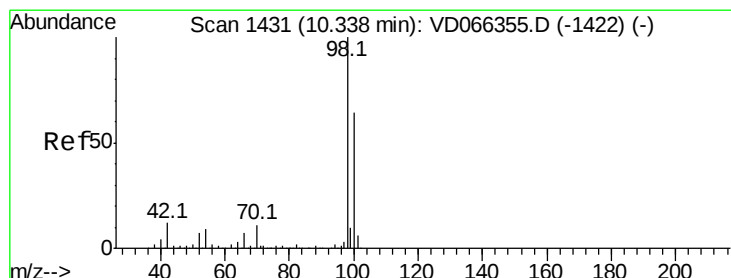
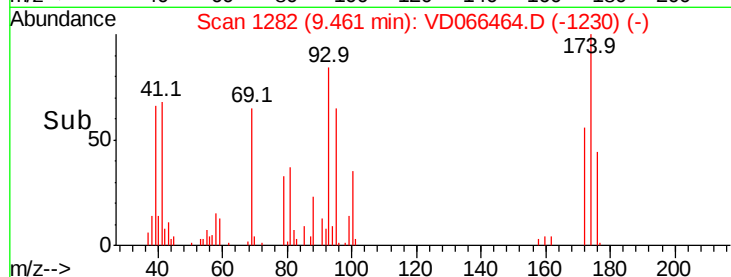
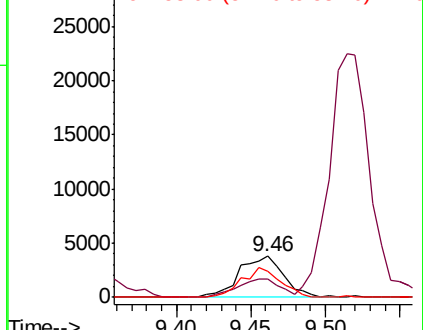
88 100

43 43.2 29.4 44.0

58 62.8 45.4 68.2



Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.727 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066464.D

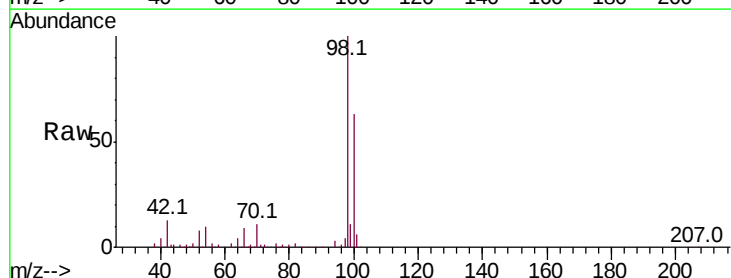
Acq: 28 Aug 2020 17:12

Tgt Ion: 98 Resp: 248803

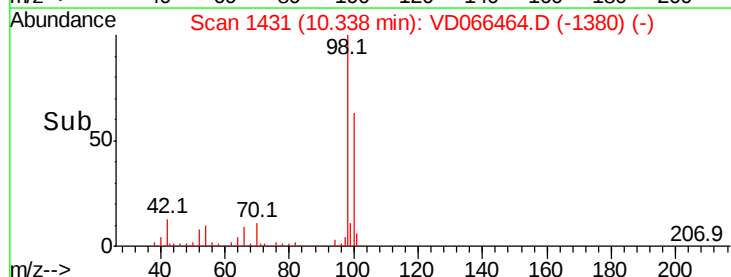
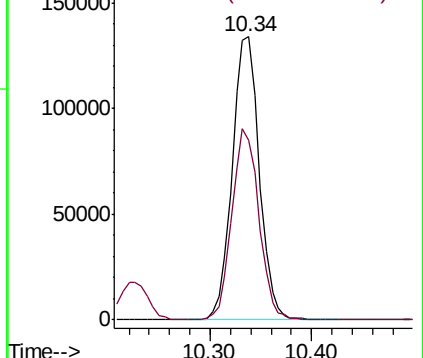
Ion Ratio Lower Upper

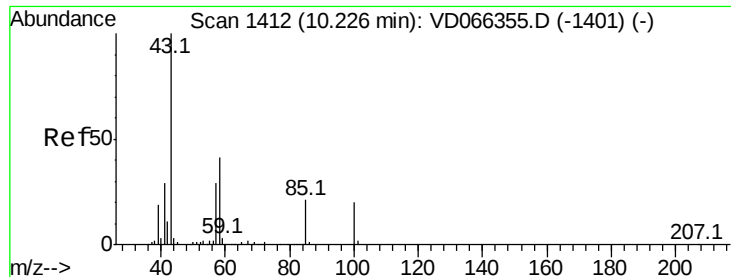
98 100

100 67.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 236.102 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

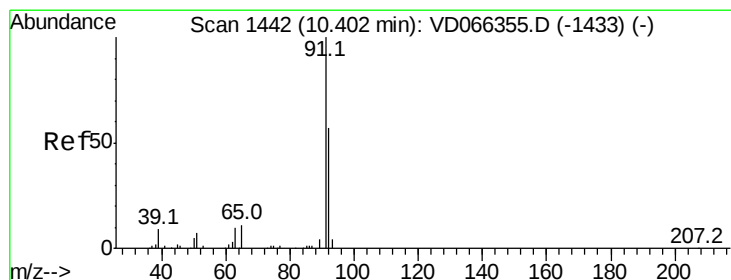
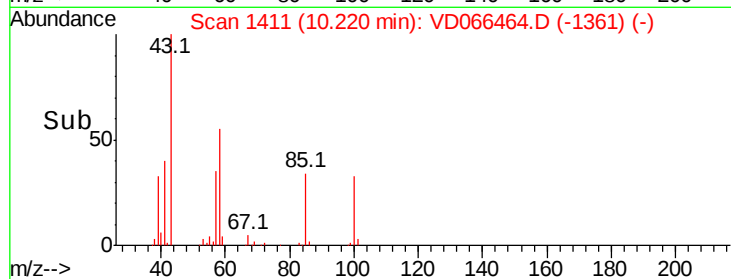
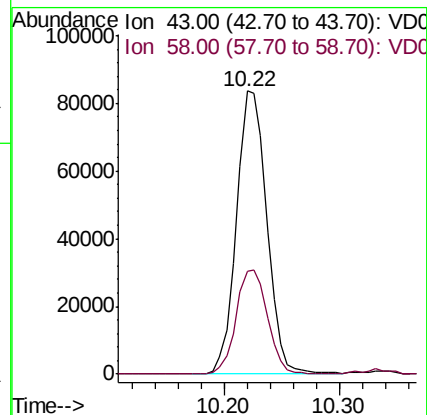
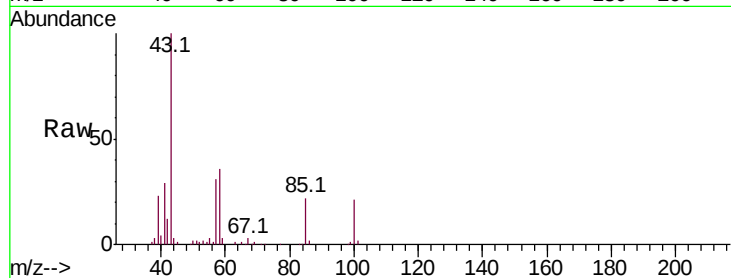
789UMR-TP11-0006-01MSD

Tot Ion: 43 Resp: 152515

Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2



#52

Toluene

Concen: 50.935 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066464.D

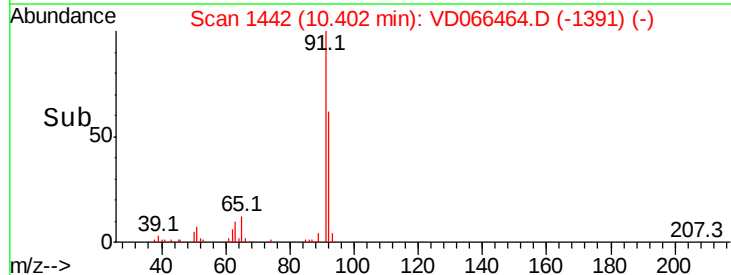
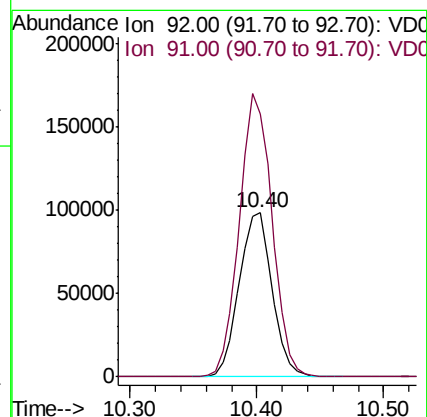
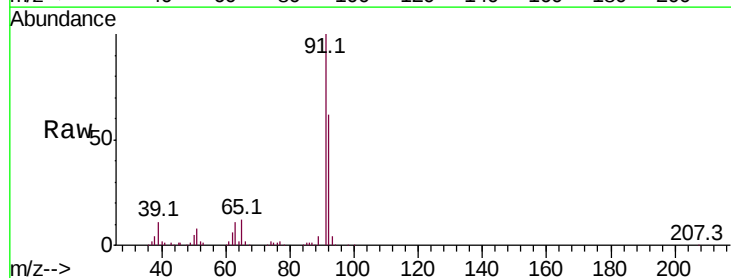
Acq: 28 Aug 2020 17:12

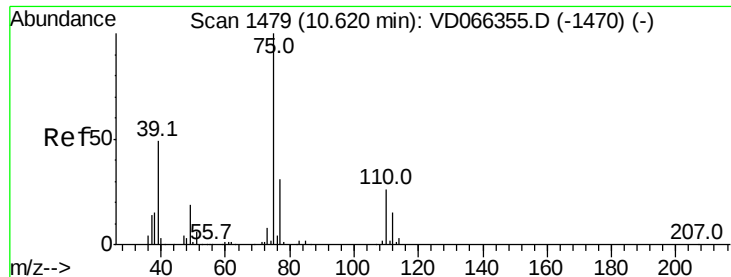
Tgt Ion: 92 Resp: 177570

Ion Ratio Lower Upper

92 100

91 171.8 135.8 203.6

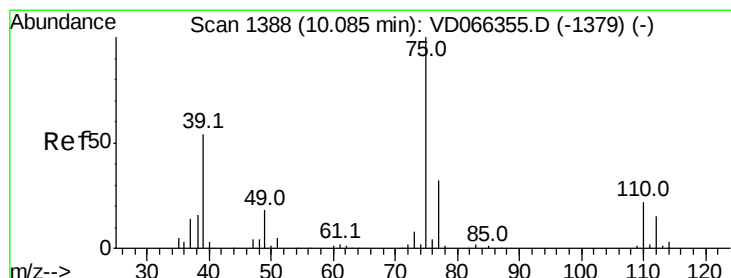
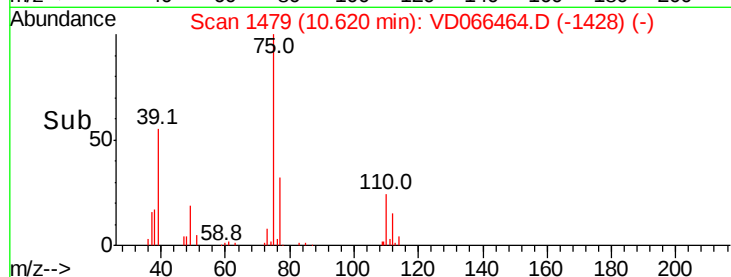
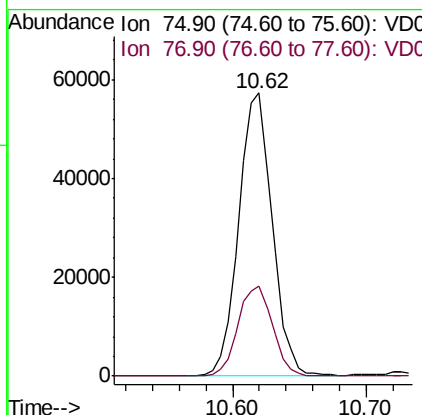
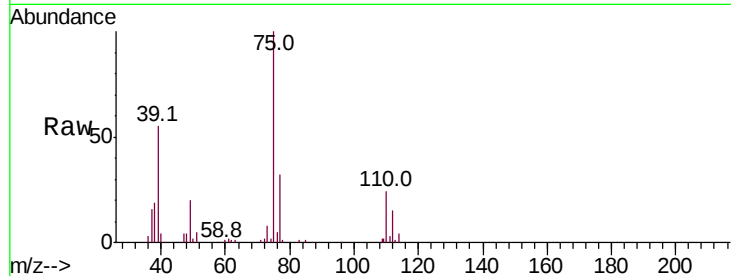




#53  
t-1,3-Dichloropropene  
Concen: 52.455 ug/l  
RT: 10.62 min Scan# 1479  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

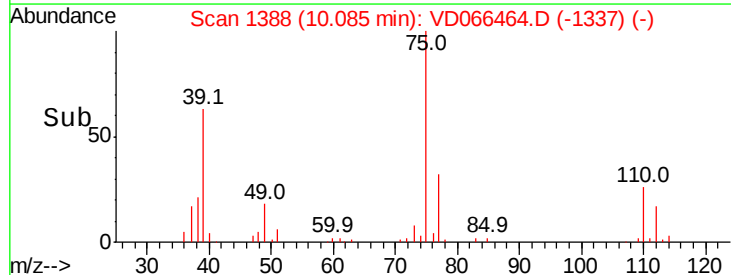
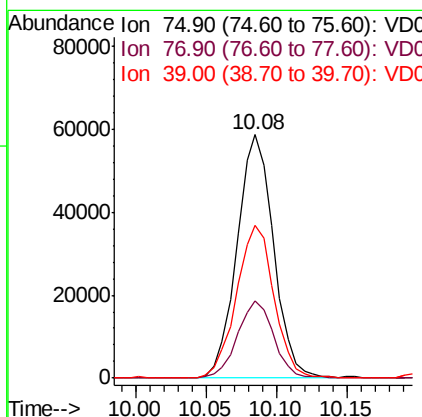
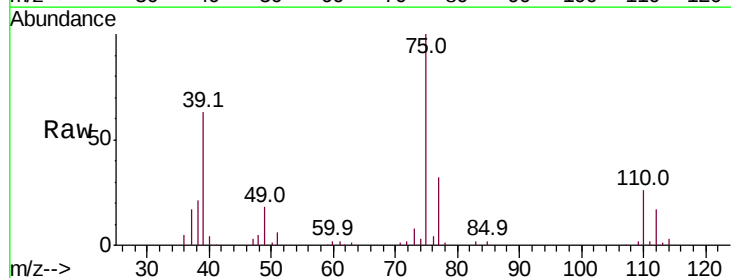
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

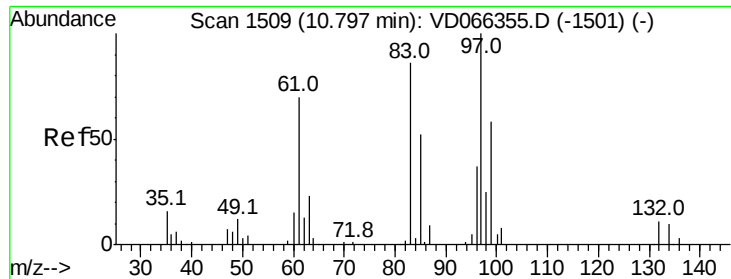
Tot Ion: 75 Resp: 99420  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 49.936 ug/l  
RT: 10.08 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 75 Resp: 106235  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.6 38.4  
39 62.9 43.4 65.0

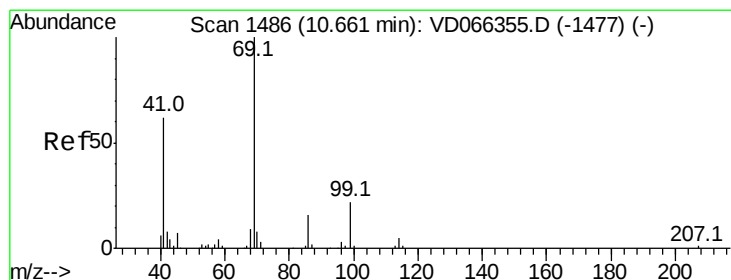
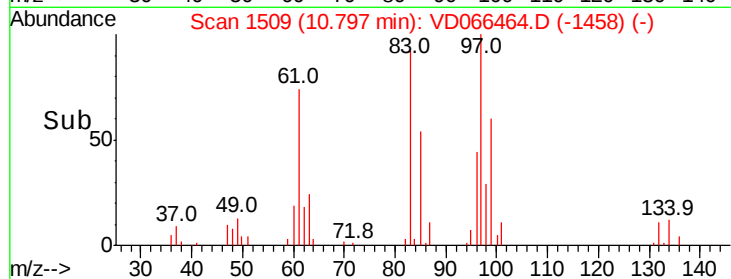
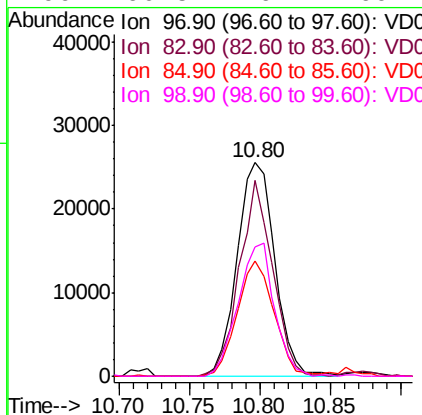
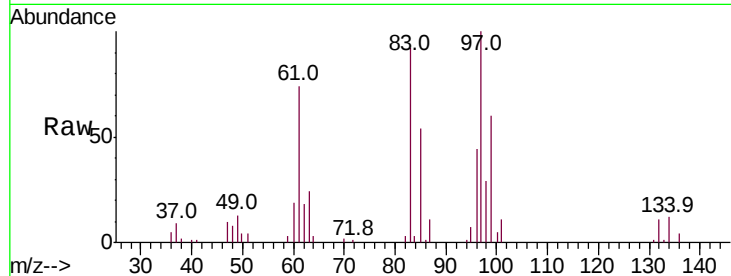




#55  
 1,1,2-Trichloroethane  
 Concen: 48.701 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

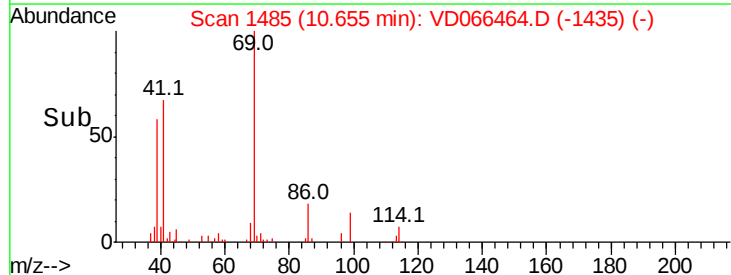
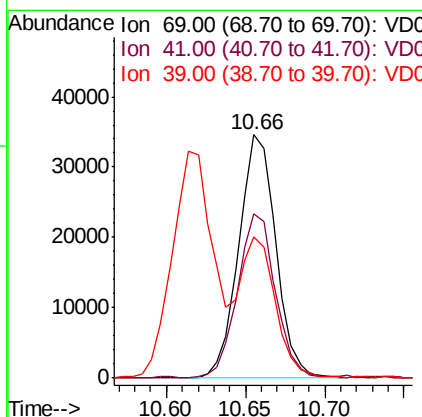
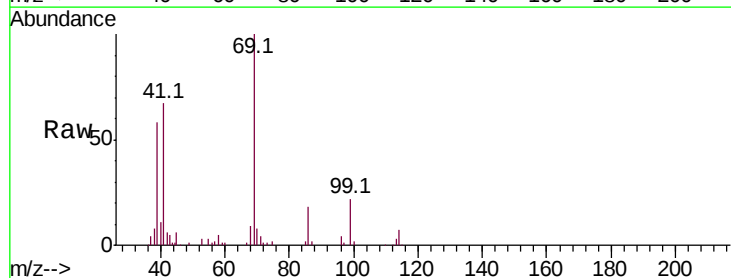
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

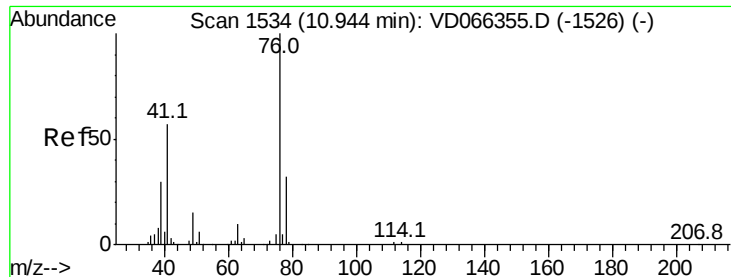
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 47887 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.6  | 68.4  | 102.6 |
| 85       | 54.1  | 41.3  | 61.9  |
| 99       | 60.5  | 46.1  | 69.1  |



#56  
 Ethyl methacrylate  
 Concen: 49.517 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 56364 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.3  | 50.8  | 76.2  |
| 39       | 57.2  | 32.9  | 49.3# |





#57

1,3-Dichloropropane

Concen: 49.560 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

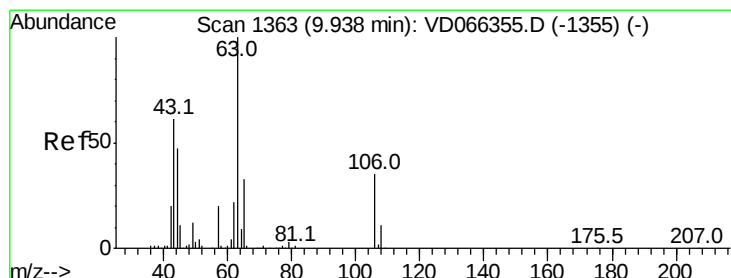
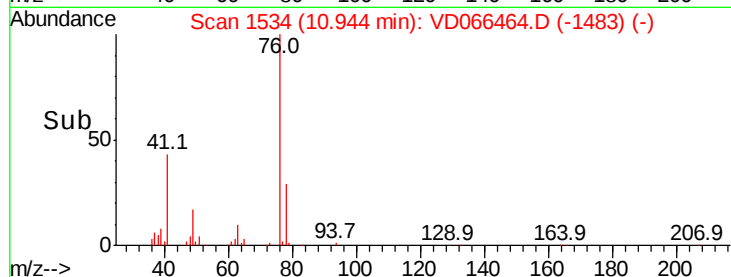
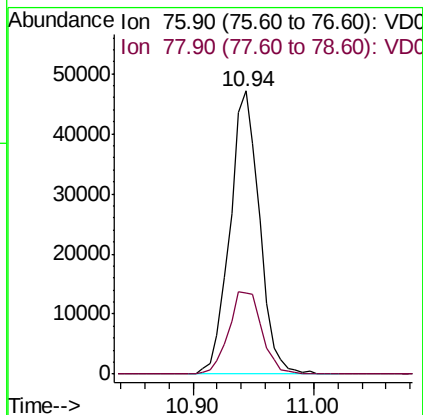
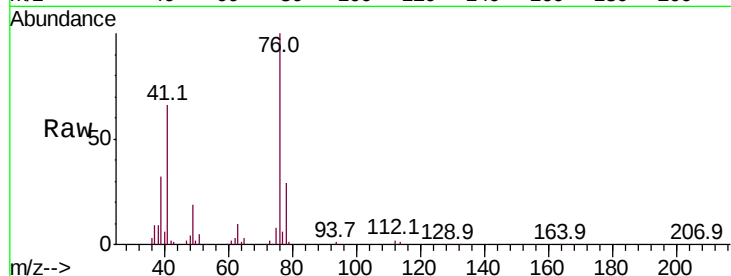
789UMR-TP11-0006-01MSD

Tot Ion: 76 Resp: 80607

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.129 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066464.D

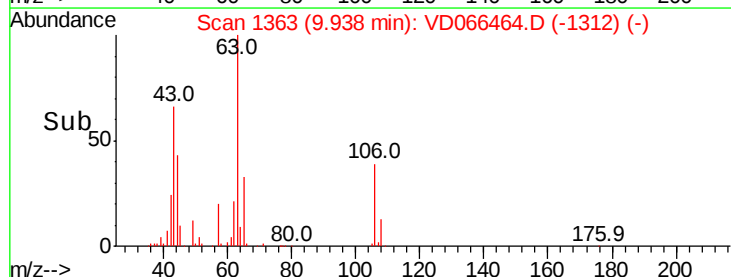
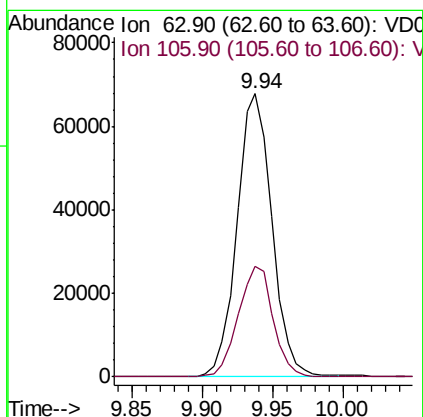
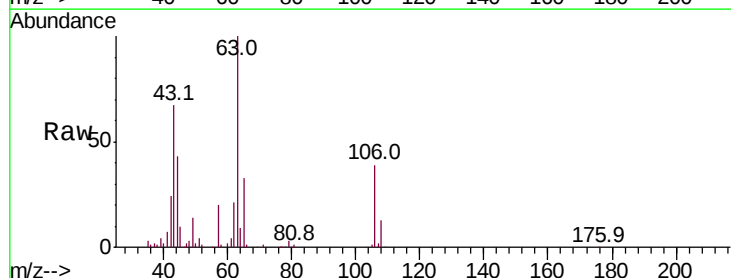
Acq: 28 Aug 2020 17:12

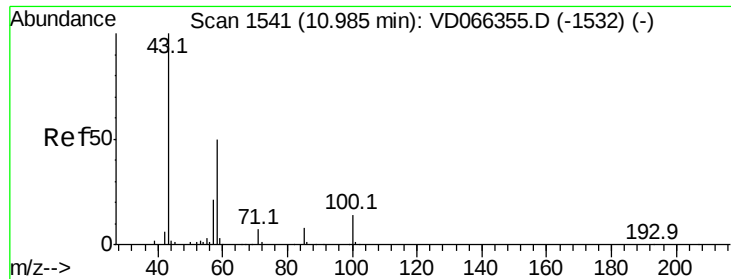
Tgt Ion: 63 Resp: 117304

Ion Ratio Lower Upper

63 100

106 39.0 27.1 40.7

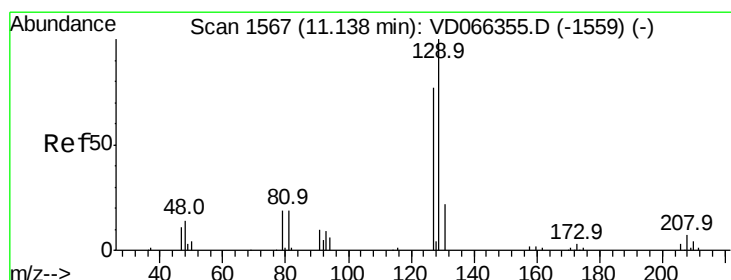
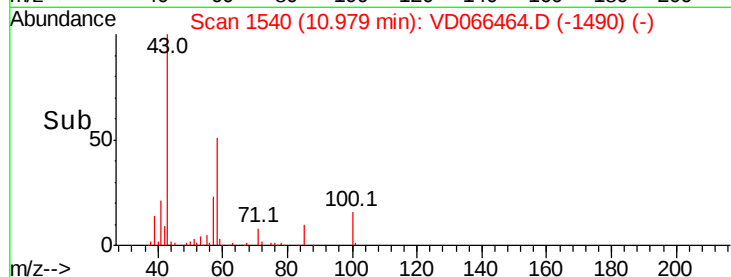
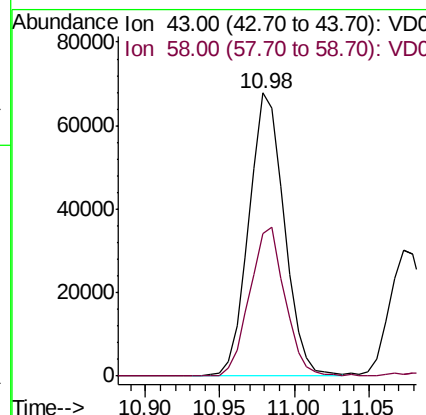
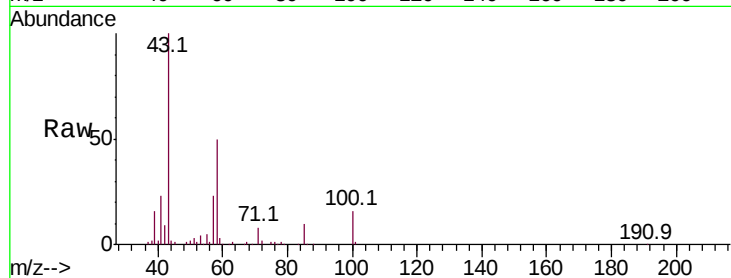




#59  
2-Hexanone  
Concen: 243.929 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

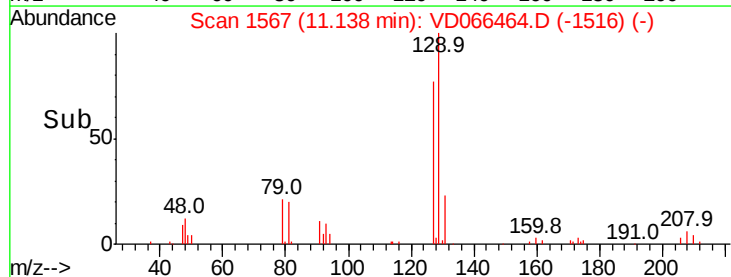
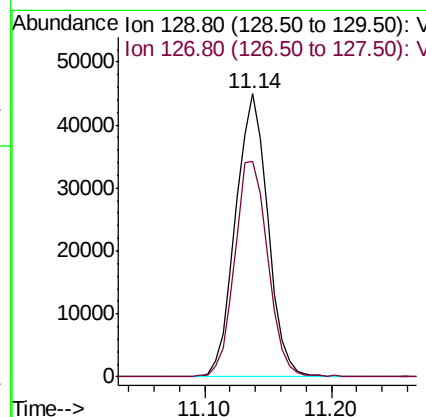
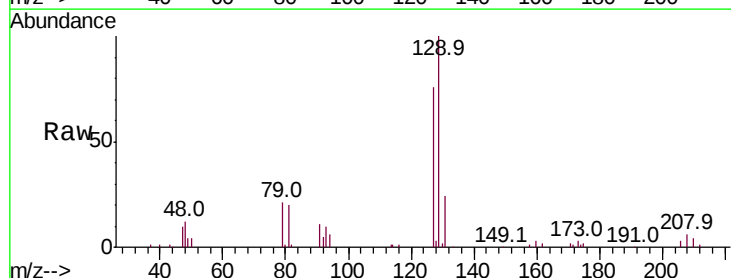
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

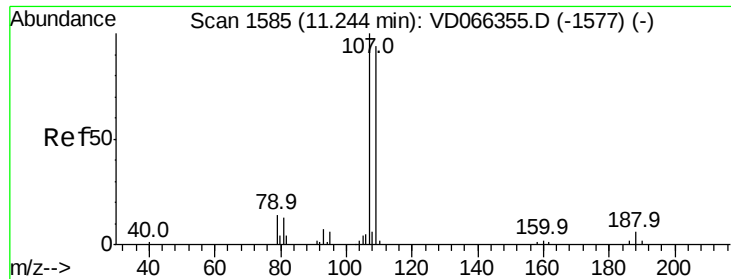
Tot Ion: 43 Resp: 111145  
Ion Ratio Lower Upper  
43 100  
58 52.6 26.3 78.8



#60  
Dibromochloromethane  
Concen: 53.549 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 129 Resp: 79367  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.0 117.0

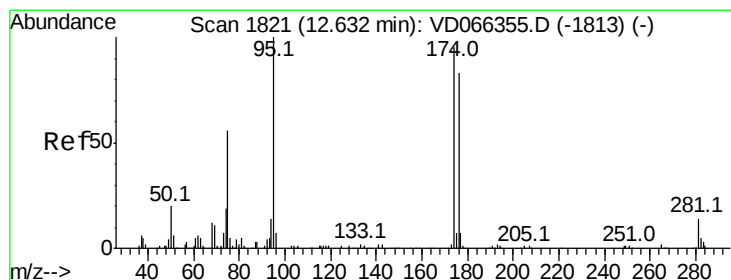
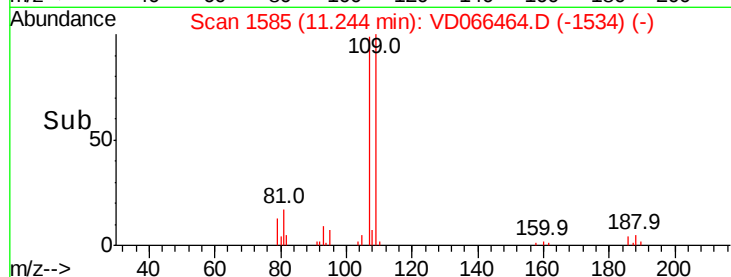
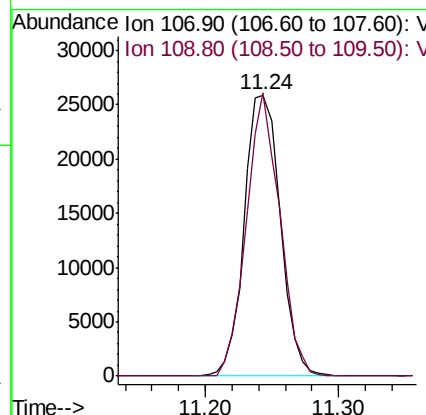
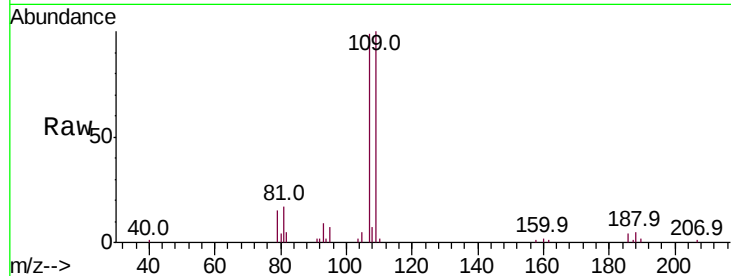




#61  
 1,2-Dibromoethane  
 Concen: 49.896 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

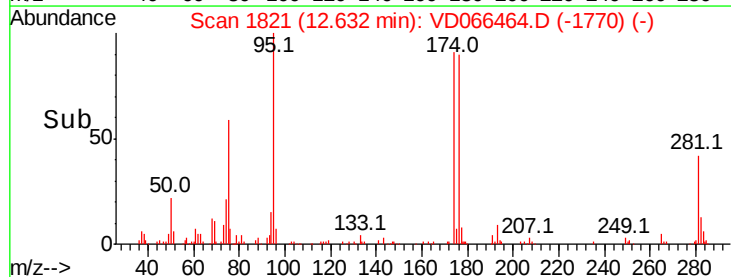
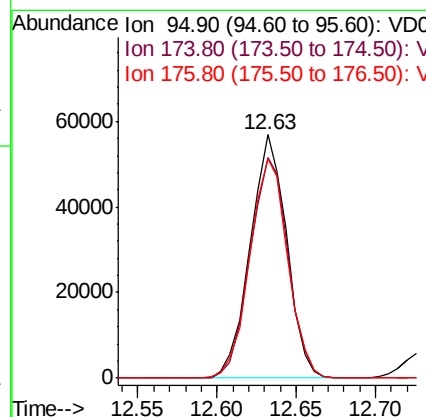
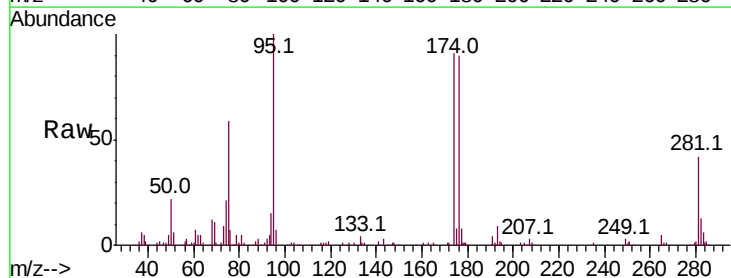
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

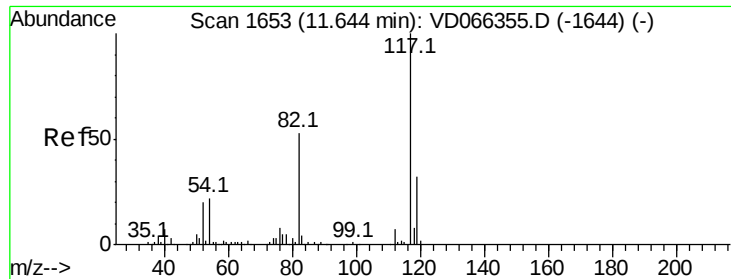
Tot Ion:107 Resp: 48282  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 77.8 116.8



#62  
 4-Bromofluorobenzene  
 Concen: 52.161 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Tgt Ion: 95 Resp: 90781  
 Ion Ratio Lower Upper  
 95 100  
 174 94.8 0.0 183.4  
 176 93.9 0.0 173.8

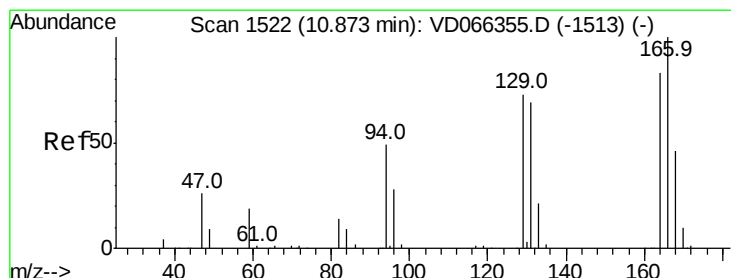
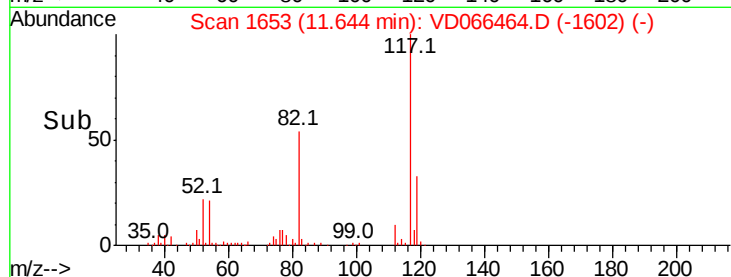
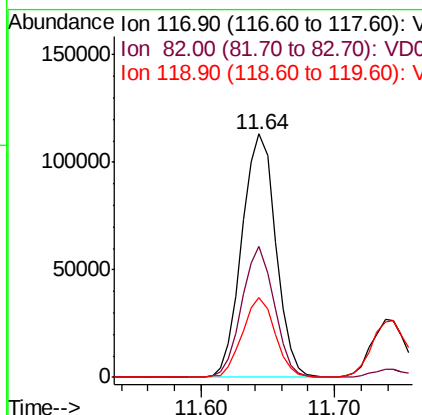
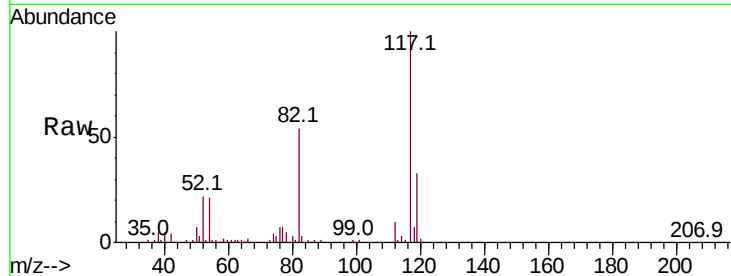




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

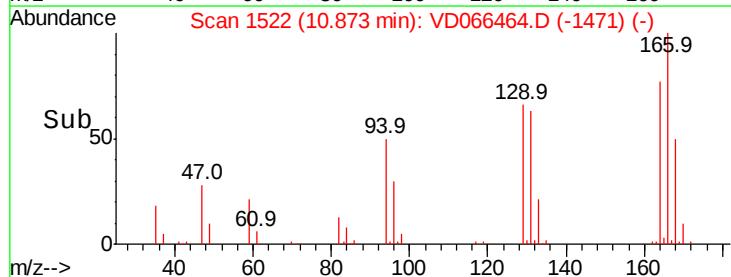
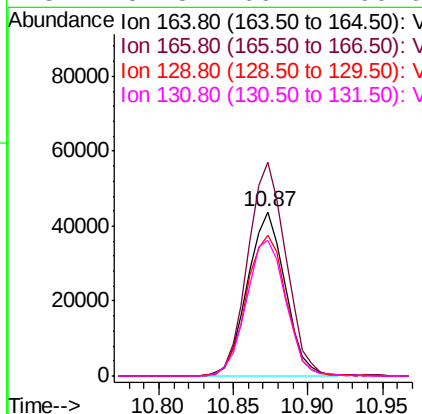
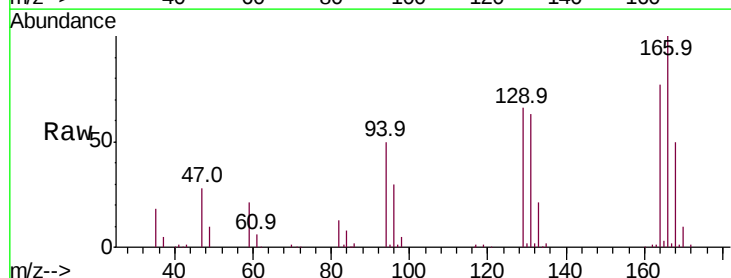
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

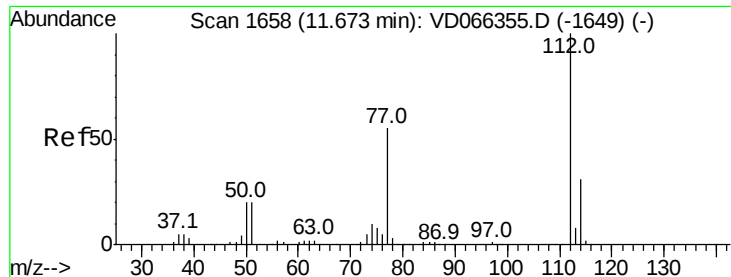
Tot Ion:117 Resp: 198933  
Ion Ratio Lower Upper  
117 100  
82 53.9 42.8 64.2  
119 32.7 25.8 38.8



#64  
Tetrachloroethene  
Concen: 50.811 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion:164 Resp: 76679  
Ion Ratio Lower Upper  
164 100  
166 129.9 96.2 144.4  
129 85.9 70.3 105.5  
131 82.3 66.4 99.6

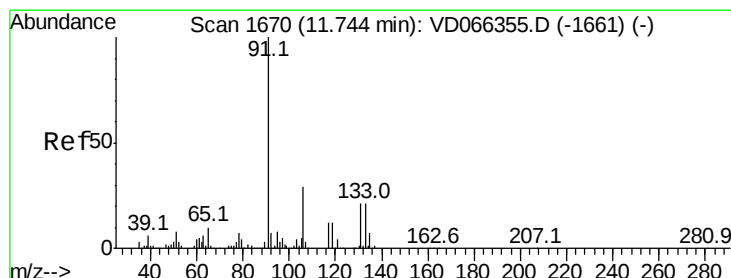
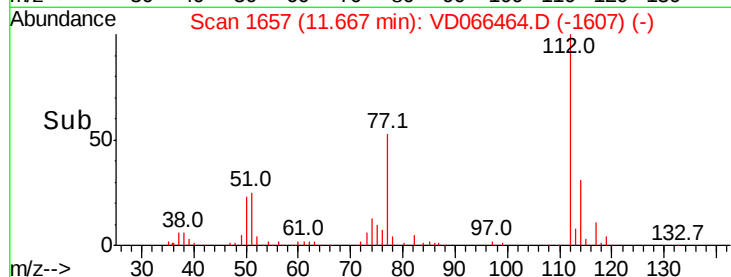
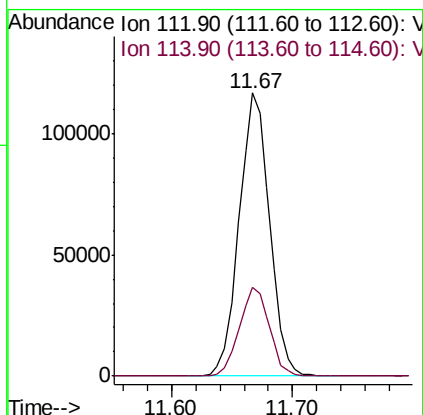
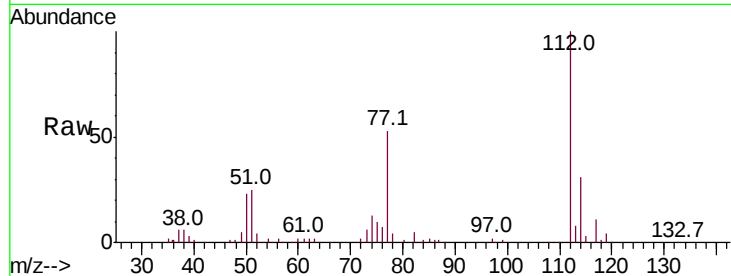




#65  
Chlorobenzene  
Concen: 51.792 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

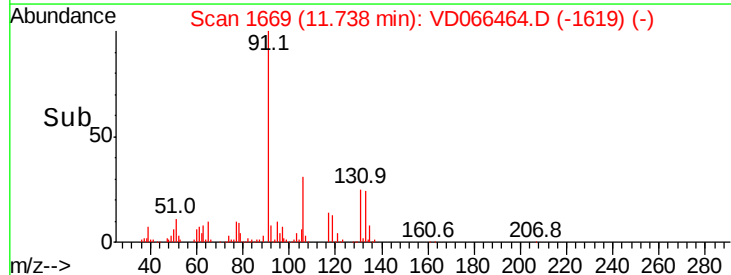
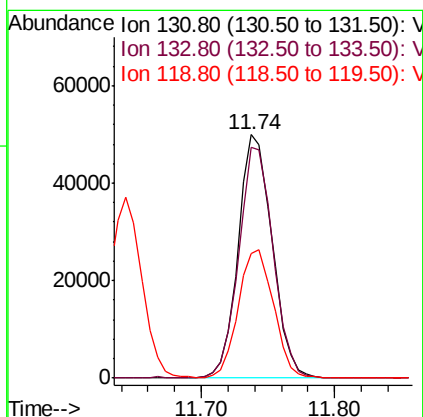
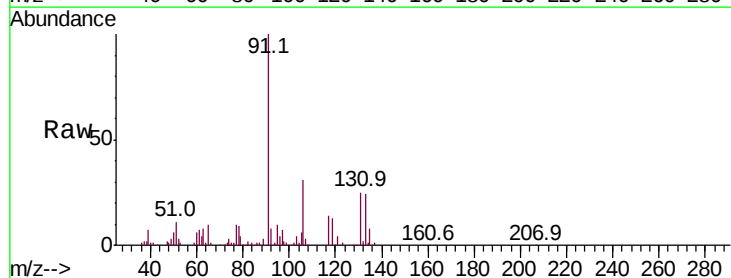
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

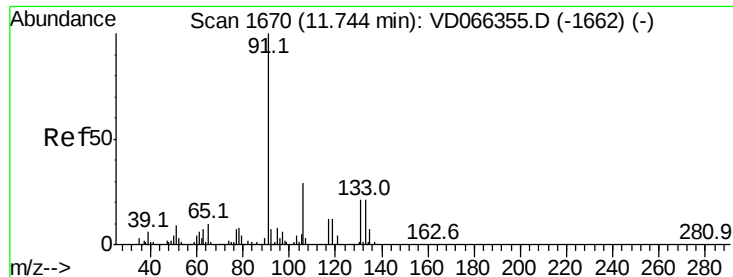
Tot Ion:112 Resp: 204982  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.398 ug/l  
RT: 11.74 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion:131 Resp: 87985  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.6 145.9  
119 54.9 29.0 87.1





#67

Ethyl Benzene

Concen: 51.977 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

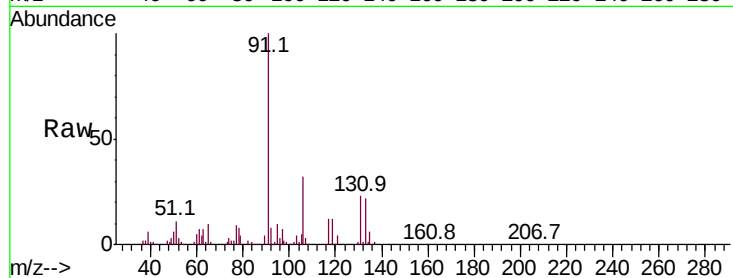
789UMR-TP11-0006-01MSD

Tot Ion: 91 Resp: 362111

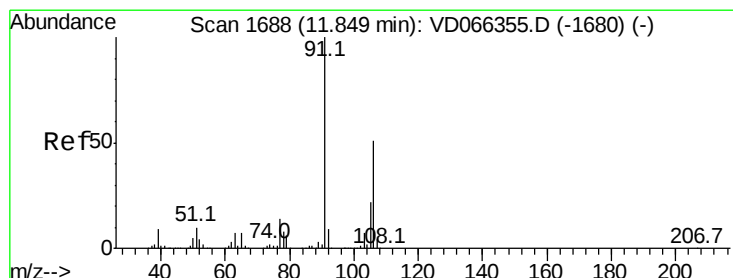
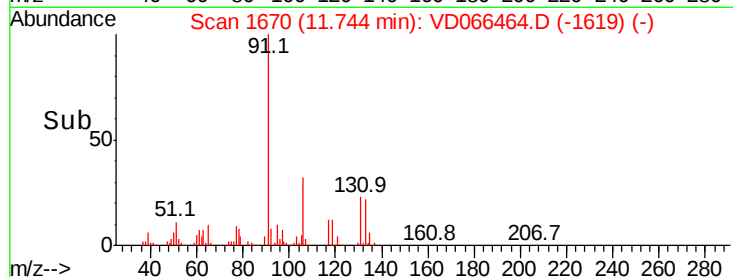
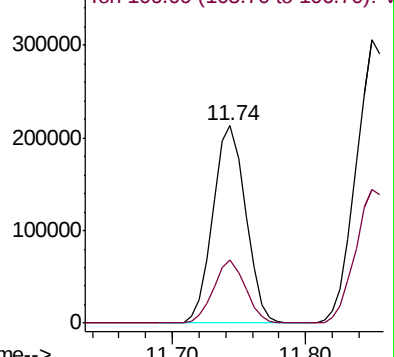
Ion Ratio Lower Upper

91 100

106 32.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066464.D (-1670) (-)



#68

m/p-Xylenes

Concen: 105.613 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066464.D

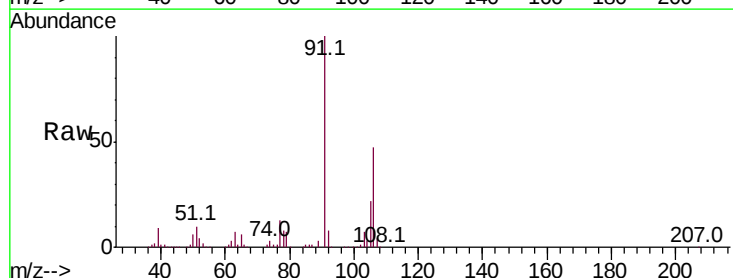
Acq: 28 Aug 2020 17:12

Tgt Ion:106 Resp: 280445

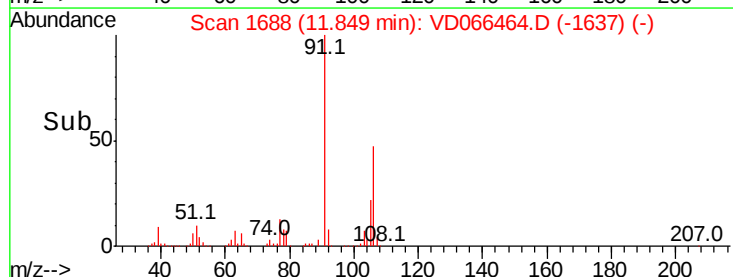
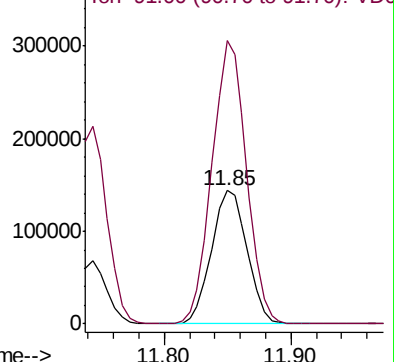
Ion Ratio Lower Upper

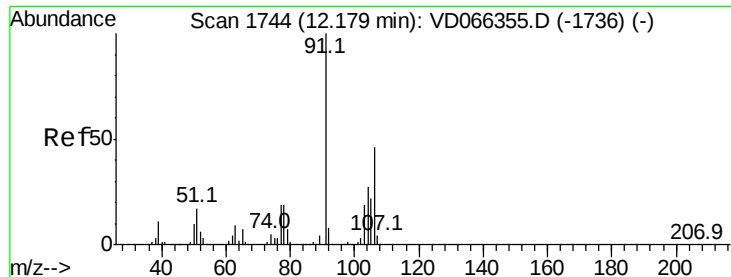
106 100

91 206.1 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066464.D (-1688) (-)

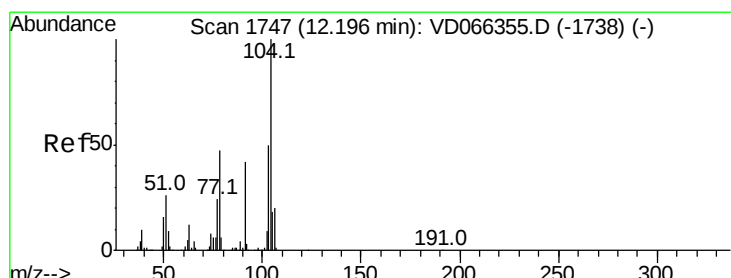
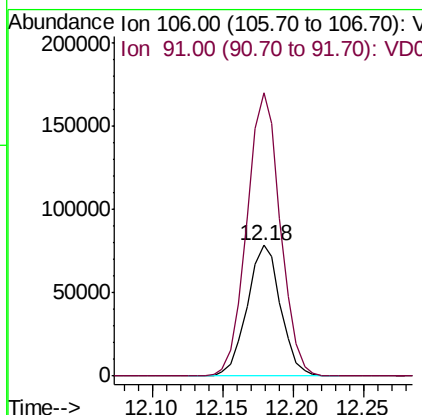
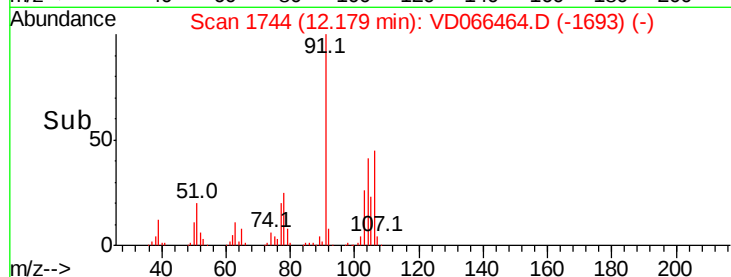
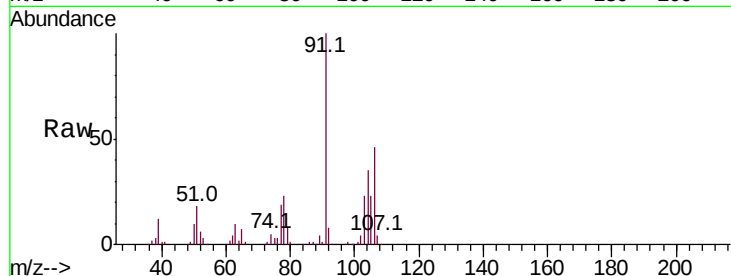




#69  
o-Xylene  
Concen: 52.773 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

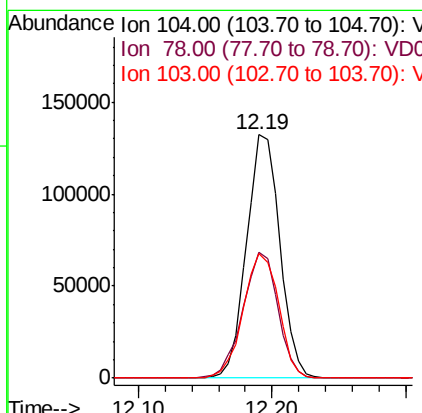
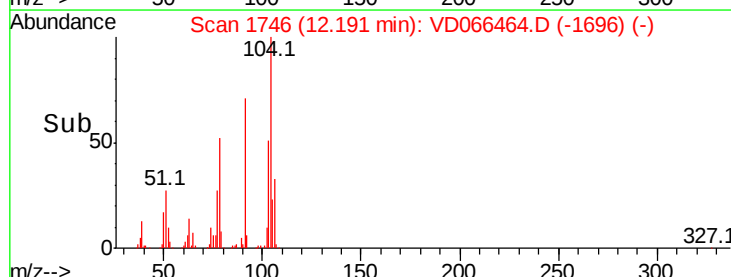
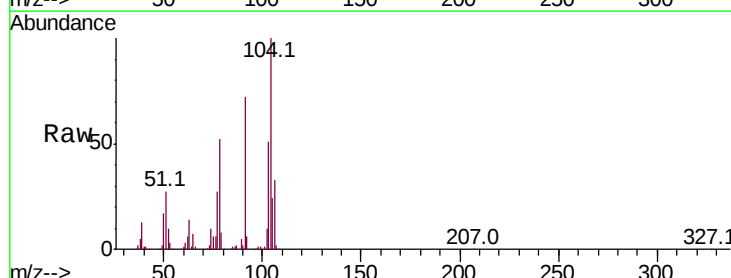
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

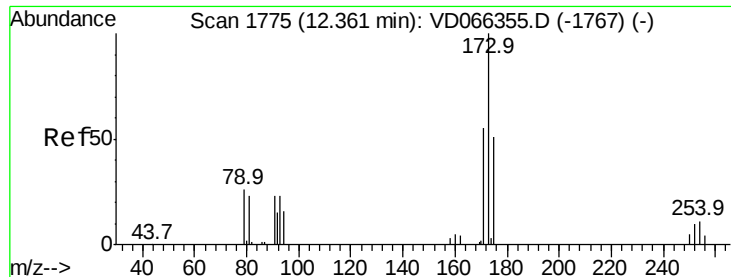
Tot Ion:106 Resp: 130365  
Ion Ratio Lower Upper  
106 100  
91 217.2 109.1 327.3



#70  
Styrene  
Concen: 53.708 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion:104 Resp: 227807  
Ion Ratio Lower Upper  
104 100  
78 54.6 41.7 62.5  
103 54.7 43.5 65.3





#71

Bromoform

Concen: 52.679 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

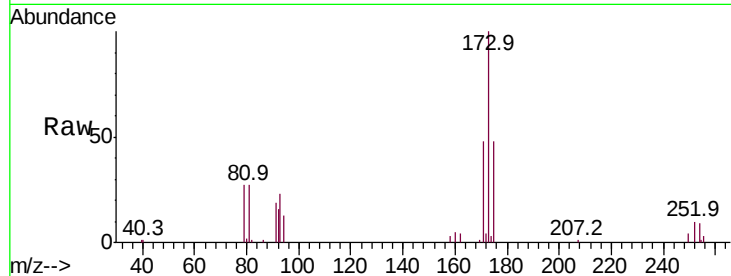
Tot Ion:173 Resp: 48340

Ion Ratio Lower Upper

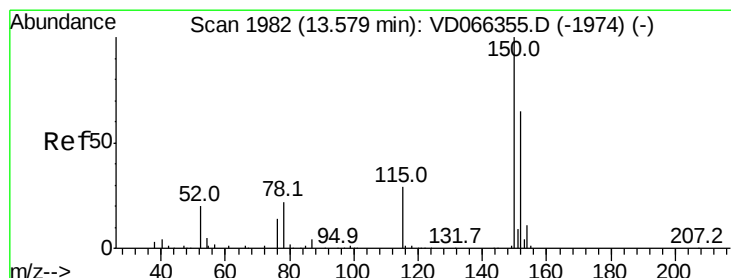
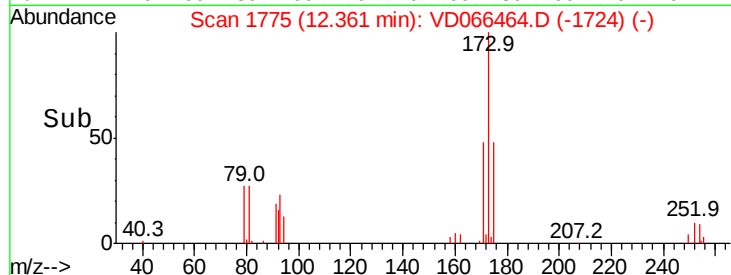
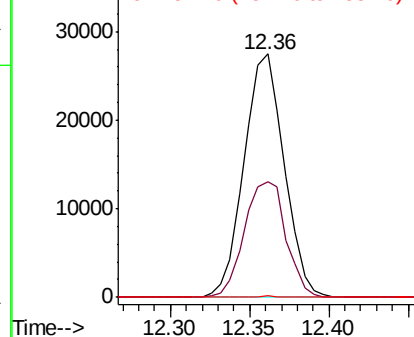
173 100

175 49.3 24.8 74.3

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

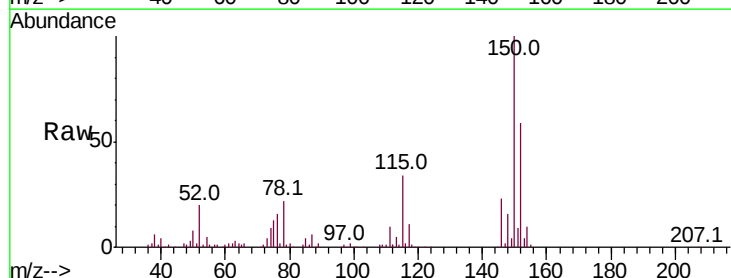
Tgt Ion:152 Resp: 107241

Ion Ratio Lower Upper

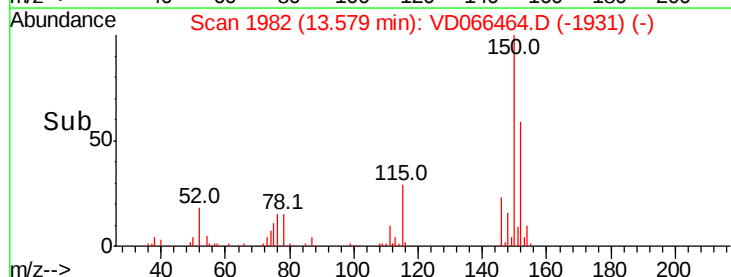
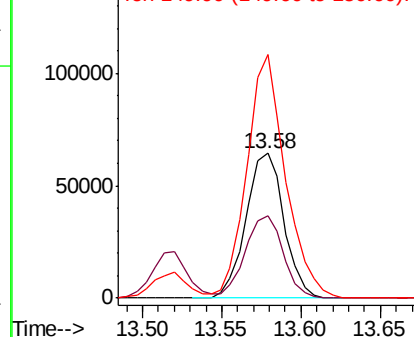
152 100

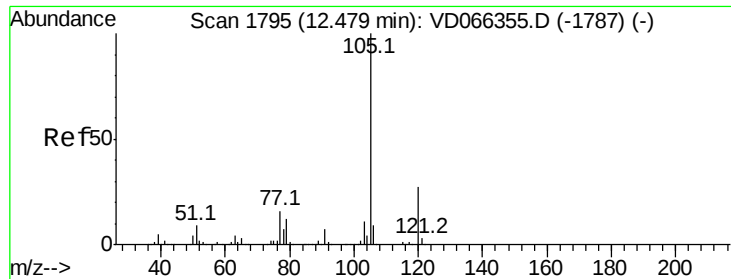
115 56.7 28.3 85.0

150 170.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V

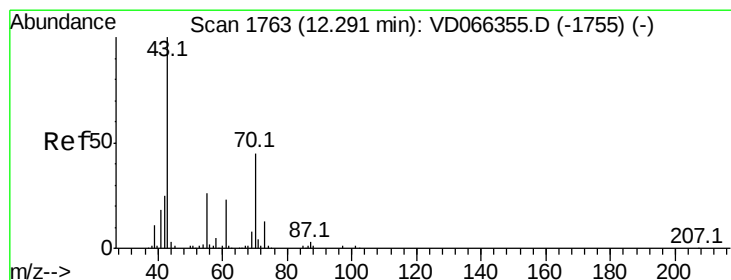
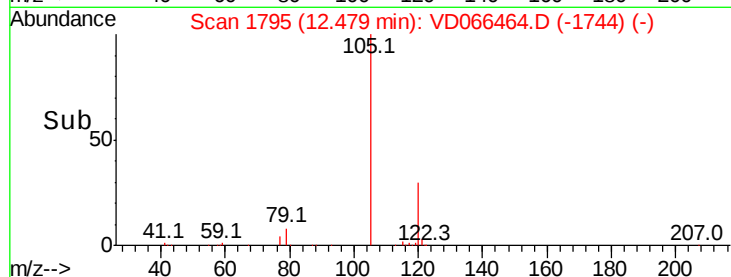
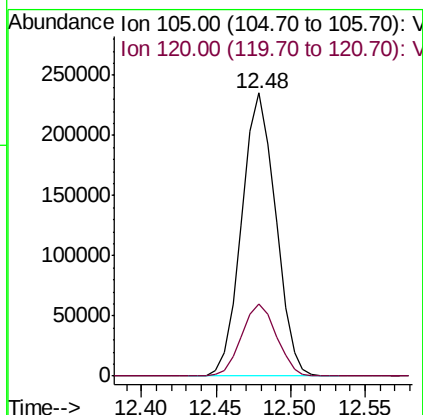
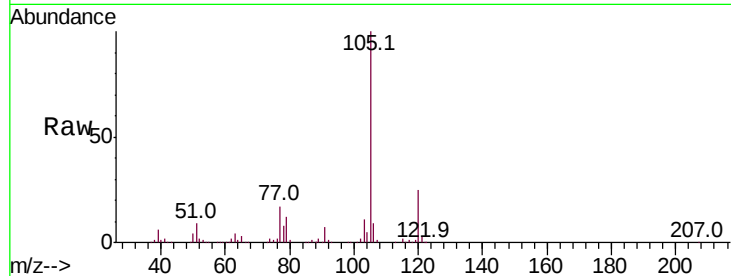




#73  
Isopropylbenzene  
Concen: 51.837 ug/l  
RT: 12.48 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

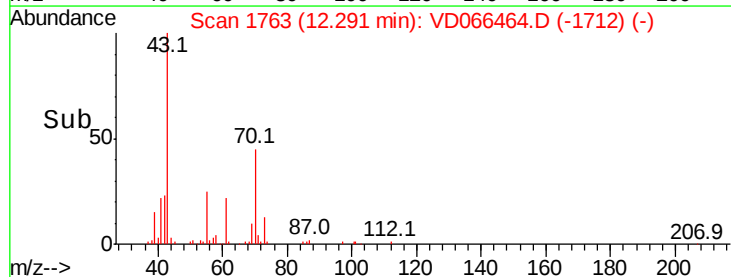
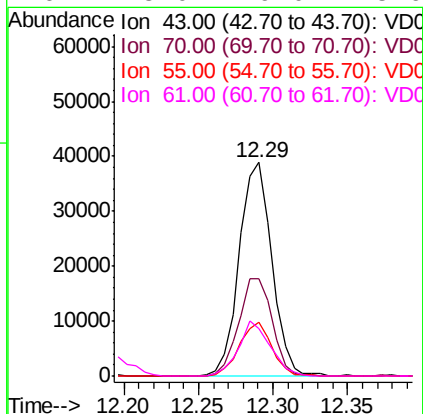
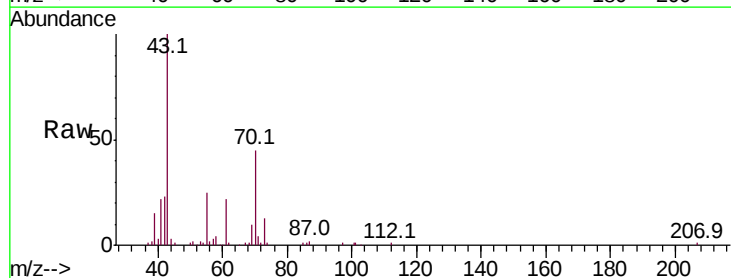
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

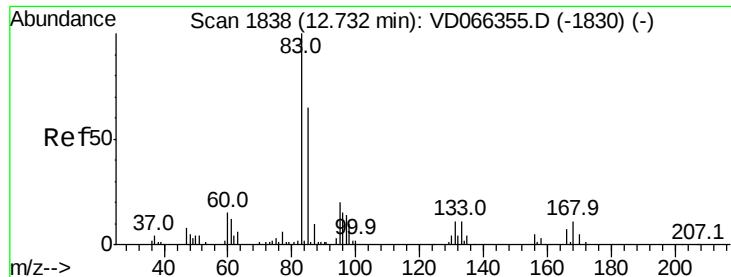
Tot Ion:105 Resp: 372401  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.6 40.8



#74  
N-ethyl acetate  
Concen: 45.510 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 43 Resp: 59050  
Ion Ratio Lower Upper  
43 100  
70 46.8 34.8 52.2  
55 24.9 20.3 30.5  
61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.177 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

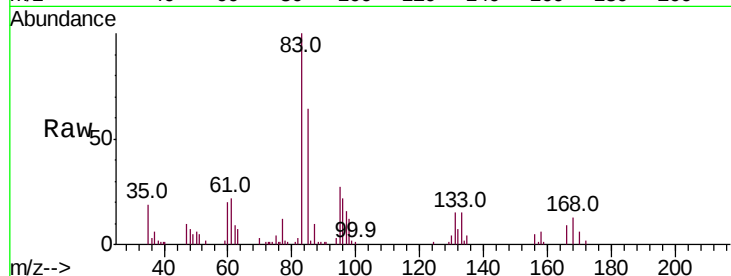
Tot Ion: 83 Resp: 45337

Ion Ratio Lower Upper

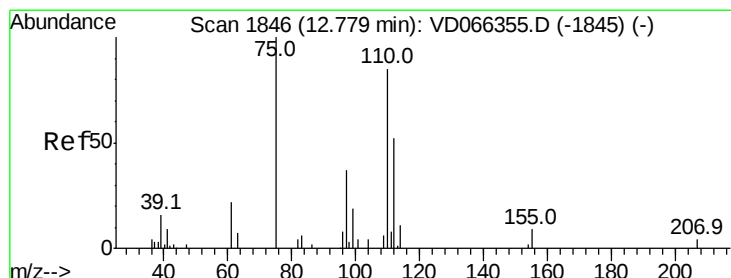
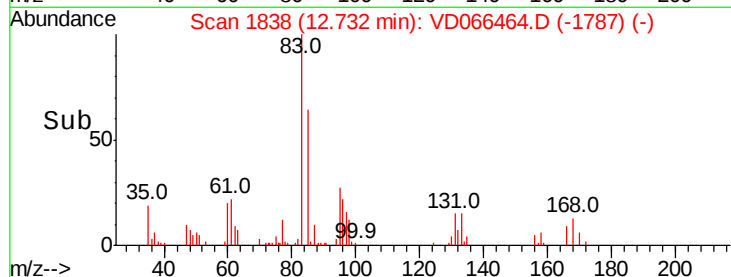
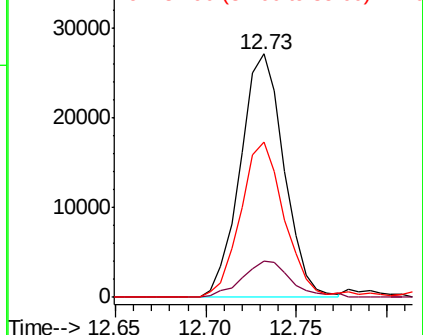
83 100

131 16.6 7.0 20.9

85 63.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 93.937 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VD066464.D

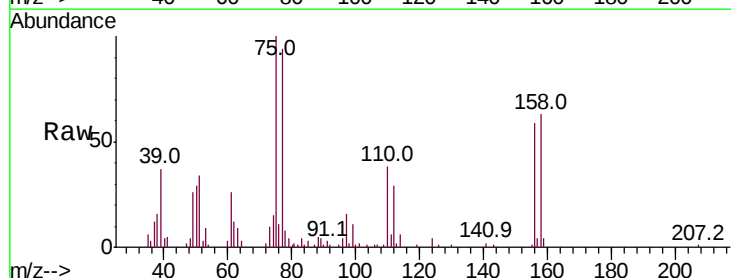
Acq: 28 Aug 2020 17:12

Tgt Ion: 75 Resp: 70870

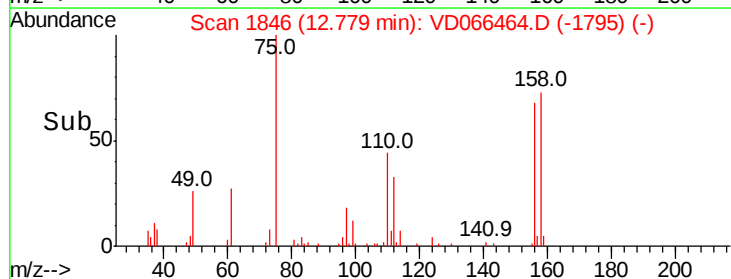
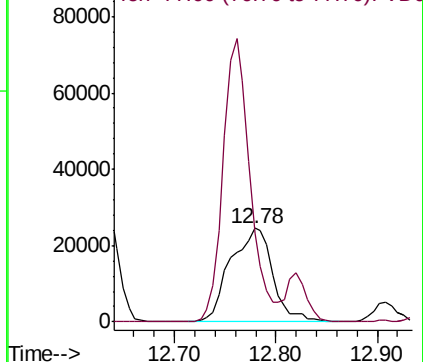
Ion Ratio Lower Upper

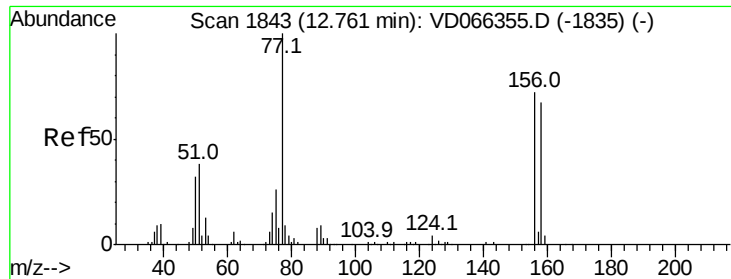
75 100

77 194.4 182.9 548.9



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.551 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

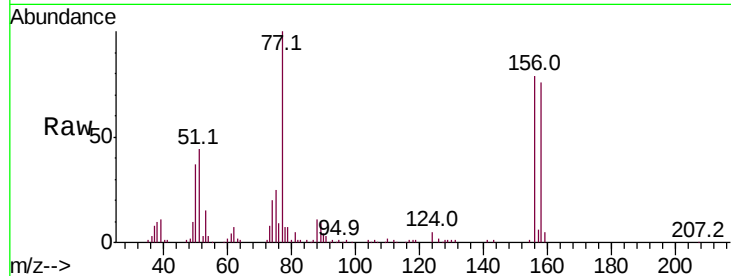
Tot Ion:156 Resp: 93997

Ion Ratio Lower Upper

156 100

77 146.5 76.1 228.3

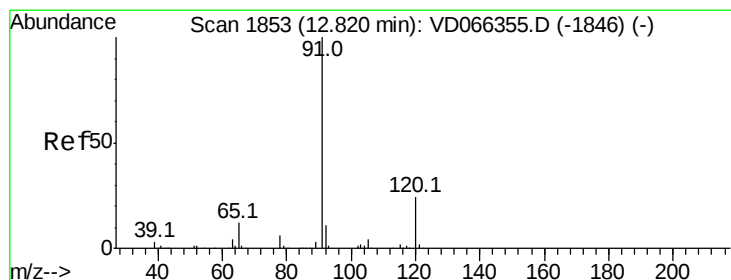
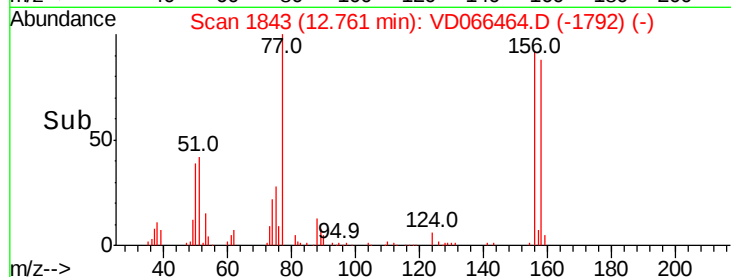
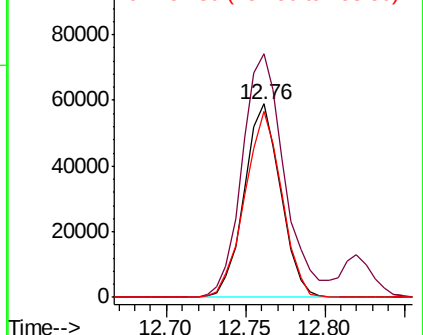
158 97.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 49.500 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066464.D

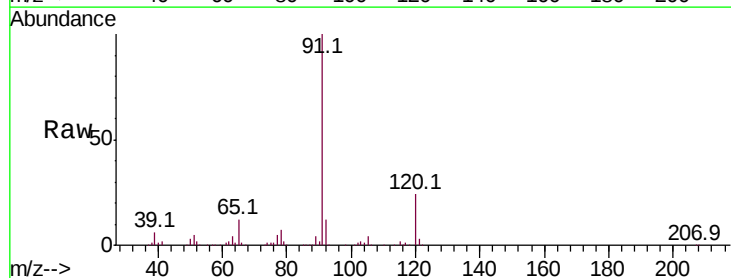
Acq: 28 Aug 2020 17:12

Tgt Ion: 91 Resp: 407743

Ion Ratio Lower Upper

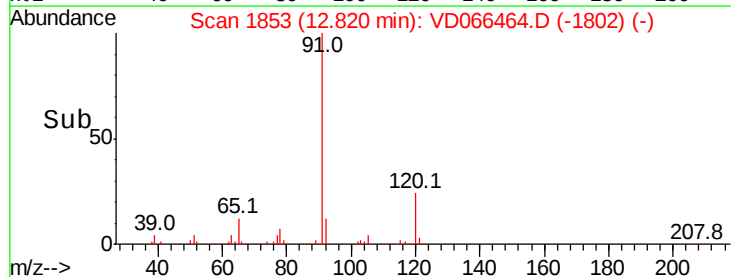
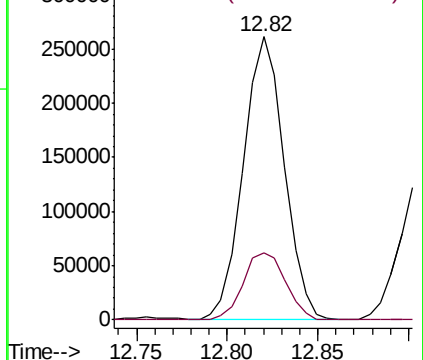
91 100

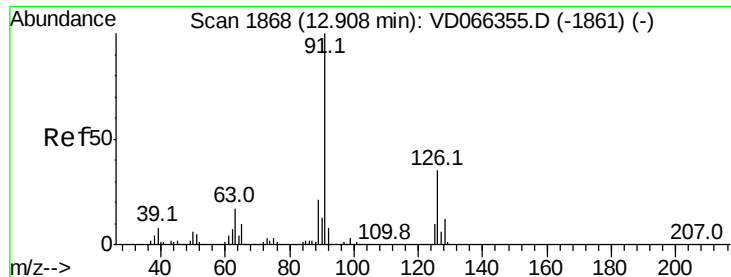
120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 49.495 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

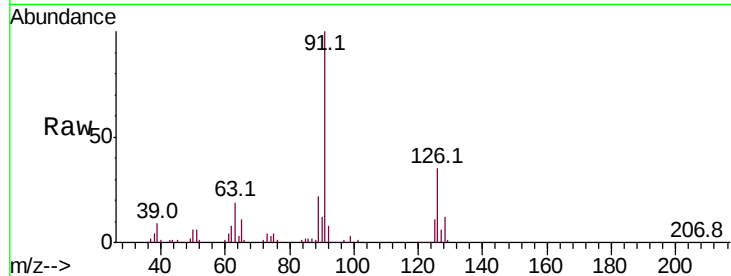
789UMR-TP11-0006-01MSD

Tot Ion: 91 Resp: 232853

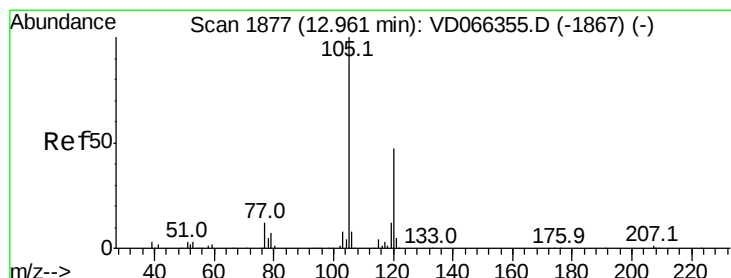
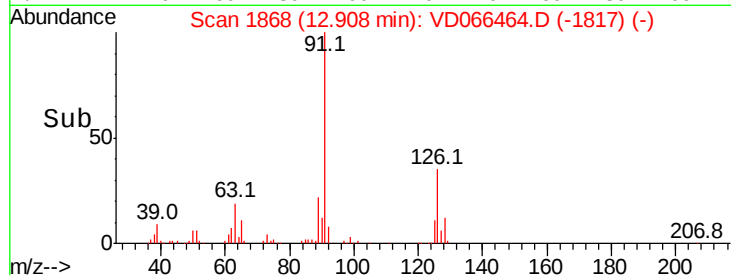
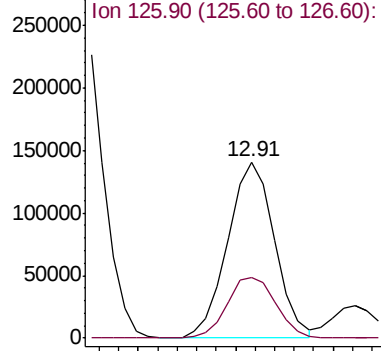
Ion Ratio Lower Upper

91 100

126 36.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 52.525 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066464.D

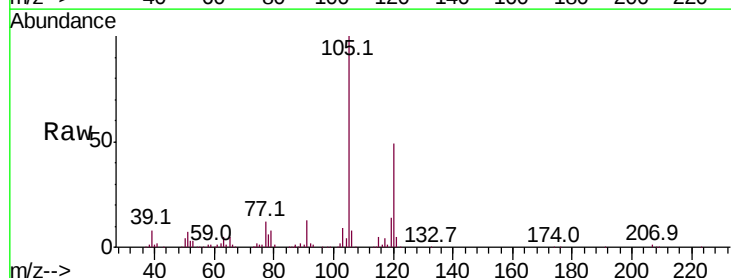
Acq: 28 Aug 2020 17:12

Tgt Ion:105 Resp: 325800

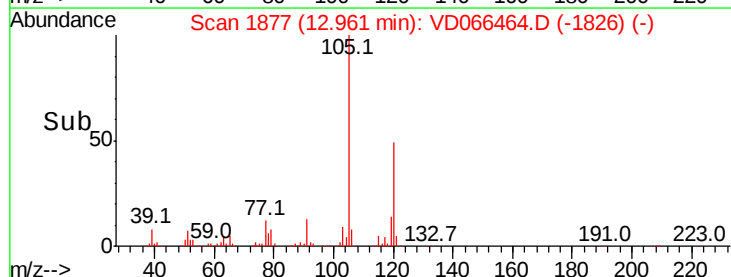
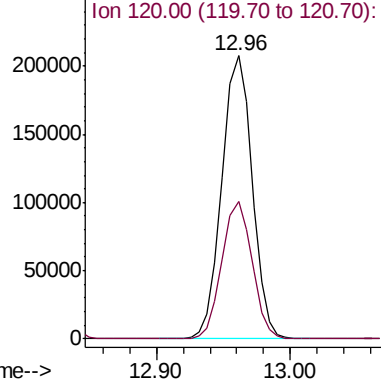
Ion Ratio Lower Upper

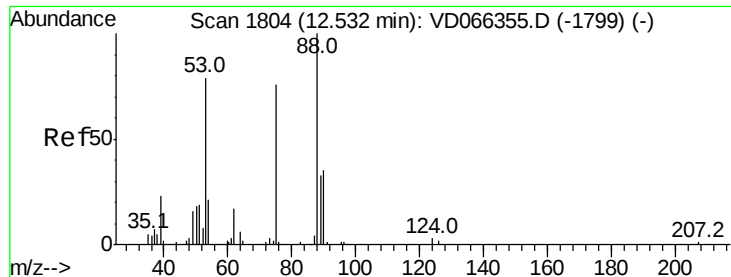
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.347 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

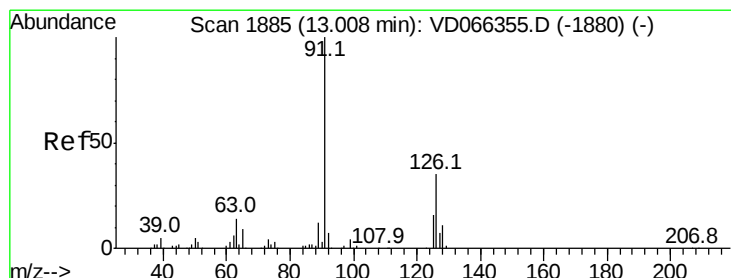
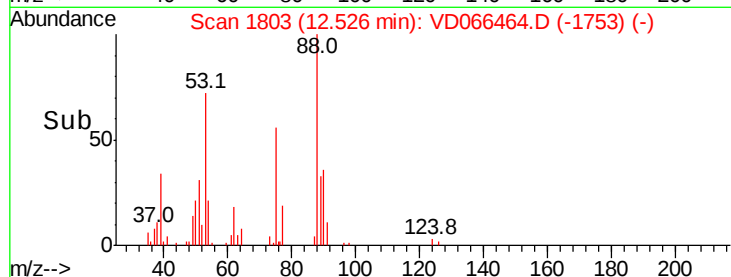
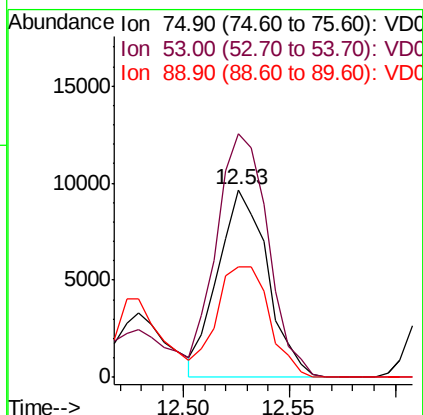
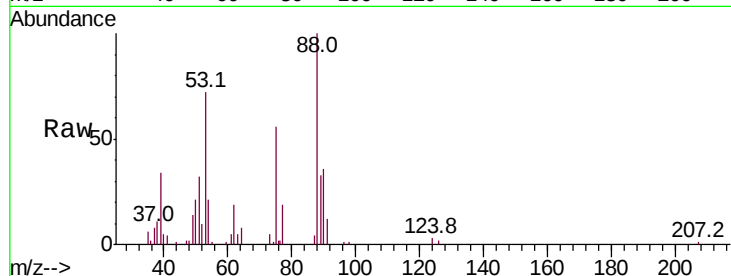
Tot Ion: 75 Resp: 15762

Ion Ratio Lower Upper

75 100

53 135.2 87.4 131.2#

89 63.4 39.4 59.0#



#82

4-Chlorotoluene

Concen: 50.951 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066464.D

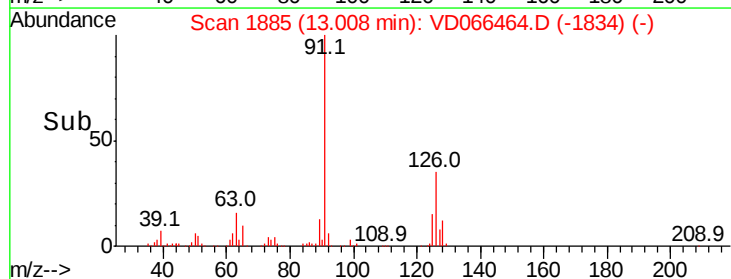
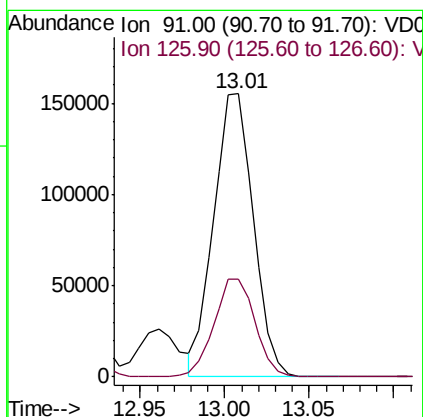
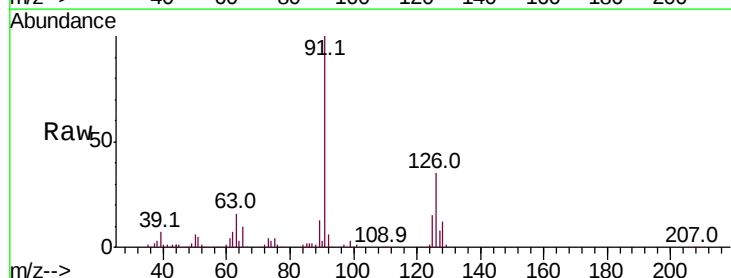
Acq: 28 Aug 2020 17:12

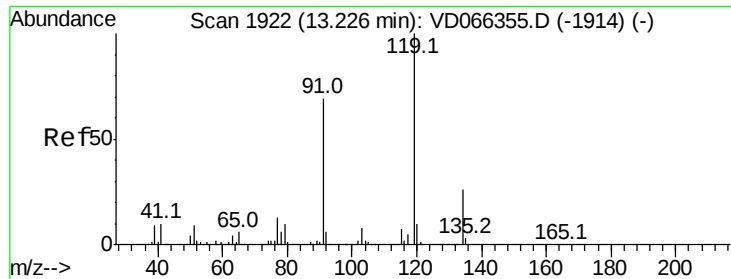
Tgt Ion: 91 Resp: 253961

Ion Ratio Lower Upper

91 100

126 35.8 17.4 52.2

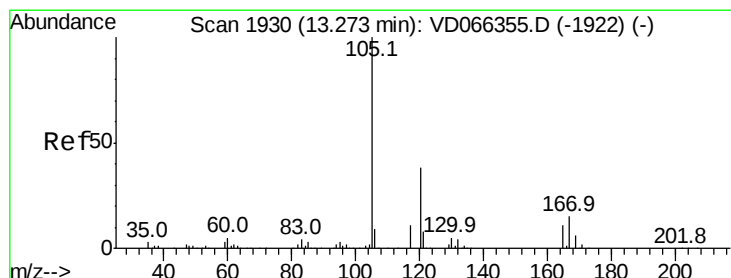
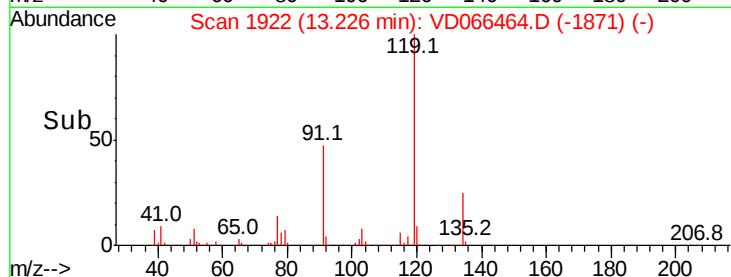
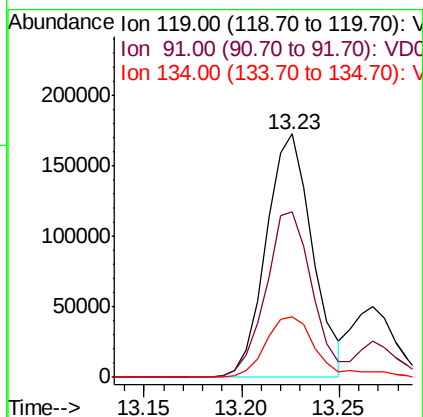
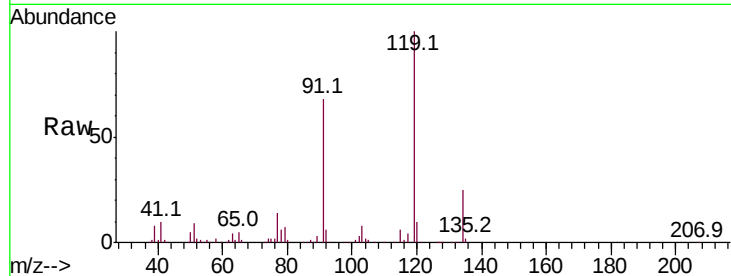




#83  
tert-Butylbenzene  
Concen: 52.567 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

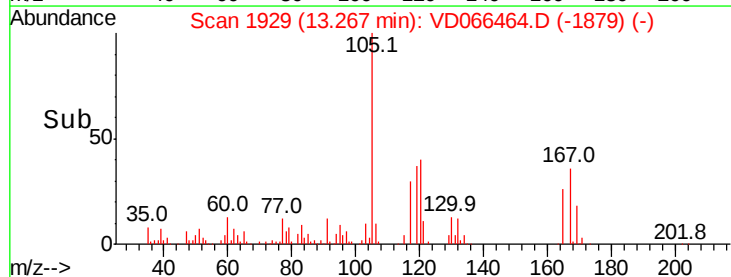
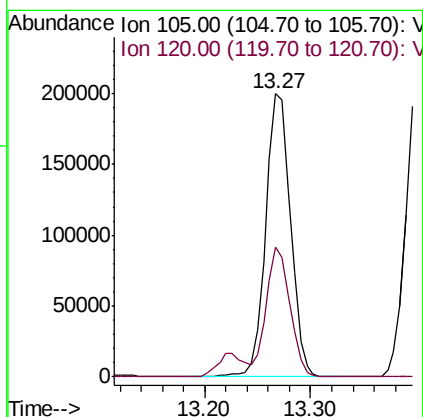
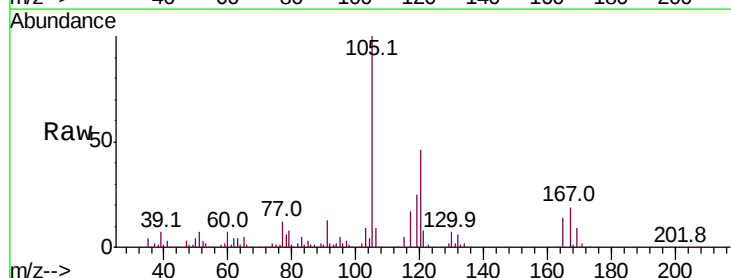
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

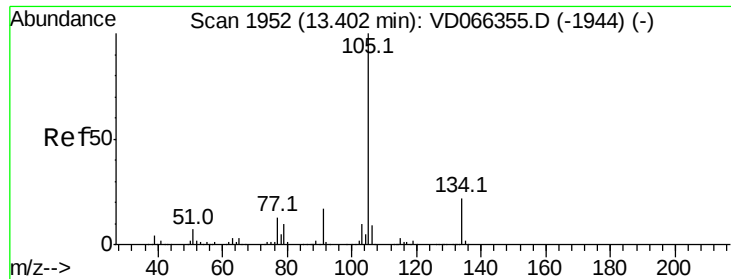
Tot Ion:119 Resp: 283210  
Ion Ratio Lower Upper  
119 100  
91 69.1 33.5 100.5  
134 28.0 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 53.416 ug/l  
RT: 13.27 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion:105 Resp: 325429  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.553 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

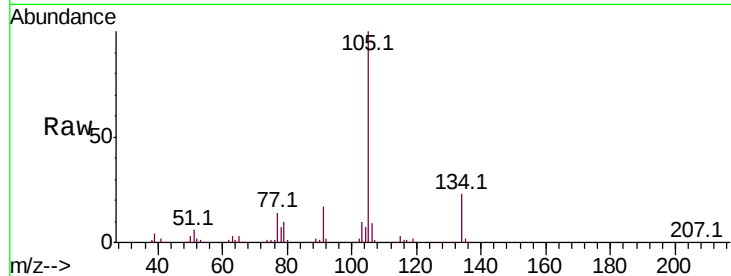
789UMR-TP11-0006-01MSD

Tot Ion:105 Resp: 363906

Ion Ratio Lower Upper

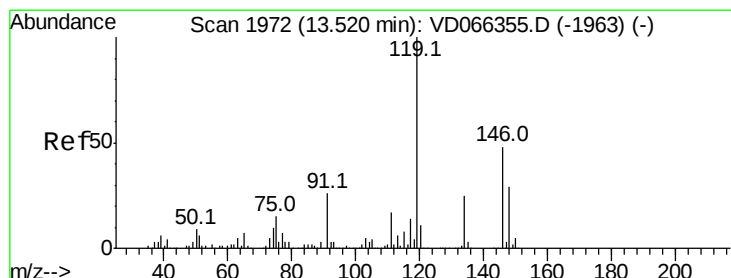
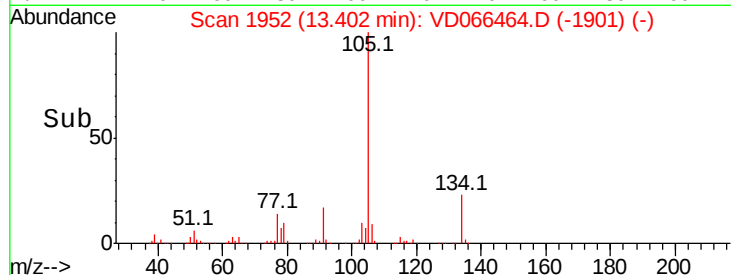
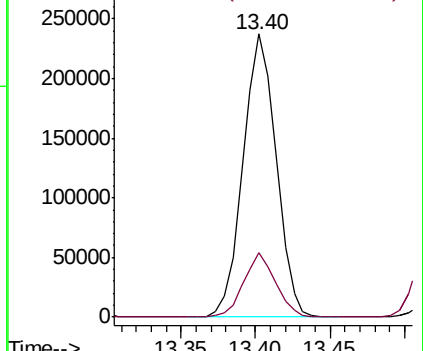
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.755 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

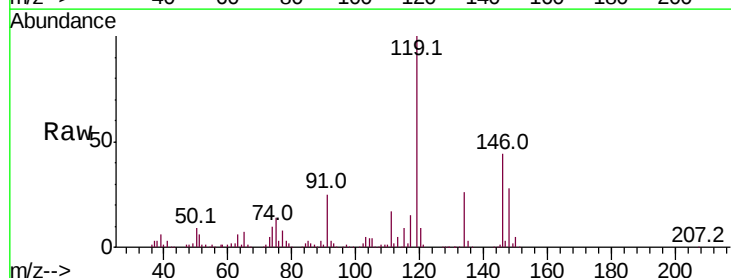
Tgt Ion:119 Resp: 365880

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

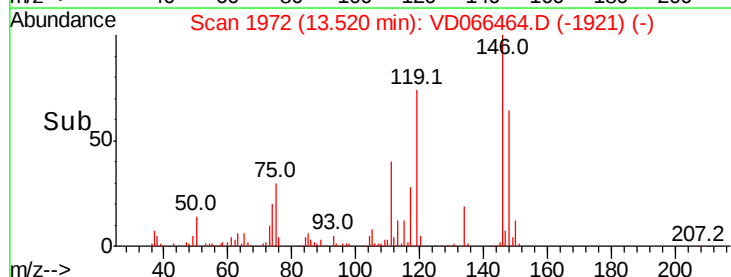
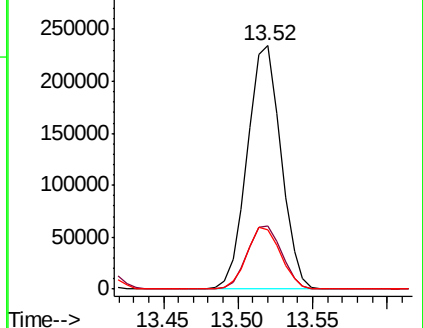
91 25.7 12.7 38.0

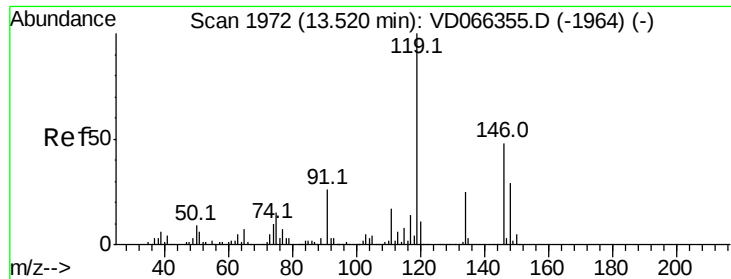


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.532 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

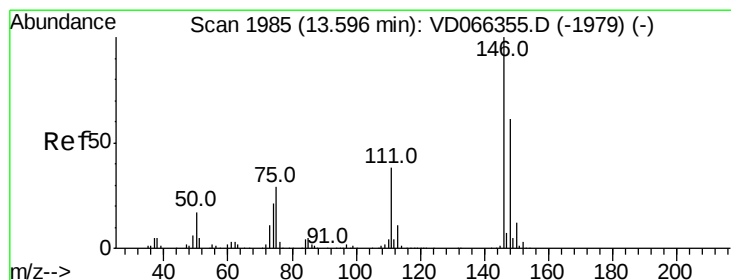
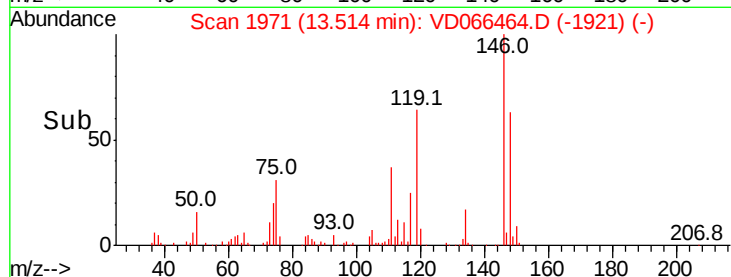
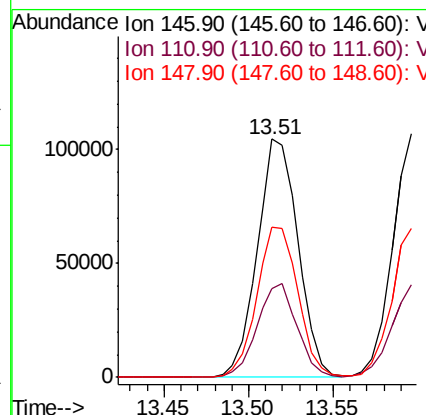
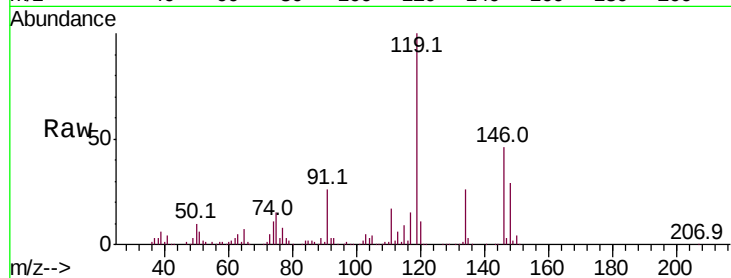
Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

Tot Ion:146 Resp: 175399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.3  | 18.9  | 56.9  |
| 148 | 63.6  | 31.8  | 95.3  |



#88

1,4-Dichlorobenzene

Concen: 51.040 ug/l

RT: 13.60 min Scan# 1985

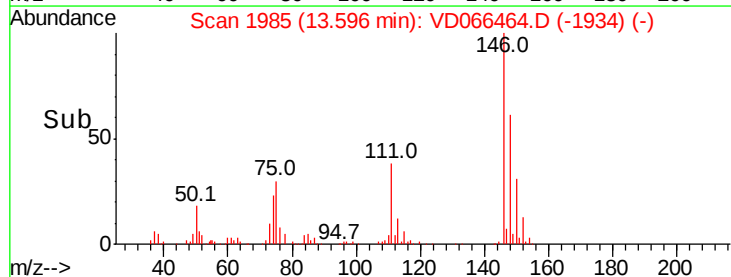
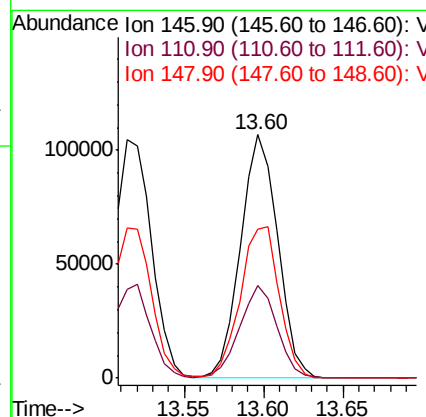
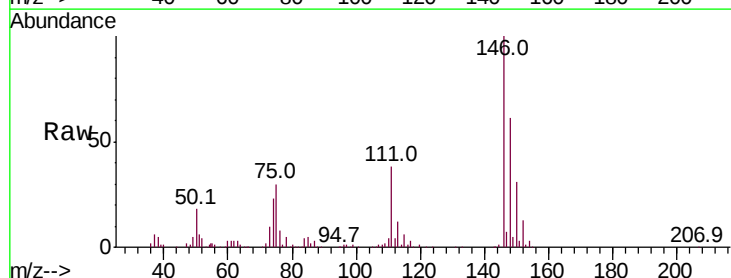
Delta R.T. -0.00 min

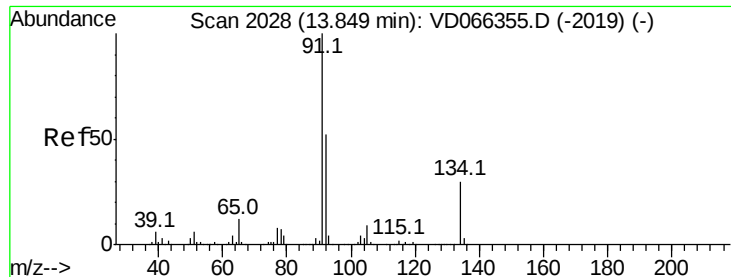
Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Tgt Ion:146 Resp: 174431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.3  | 19.1  | 57.5  |
| 148 | 65.3  | 32.1  | 96.3  |

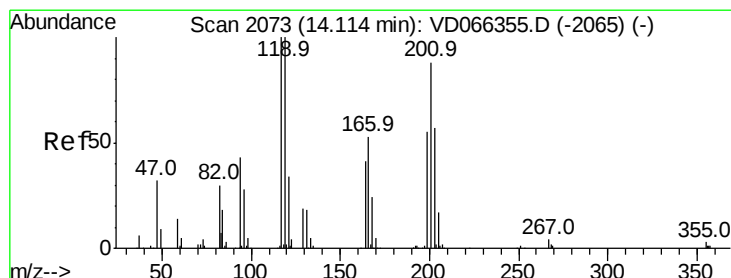
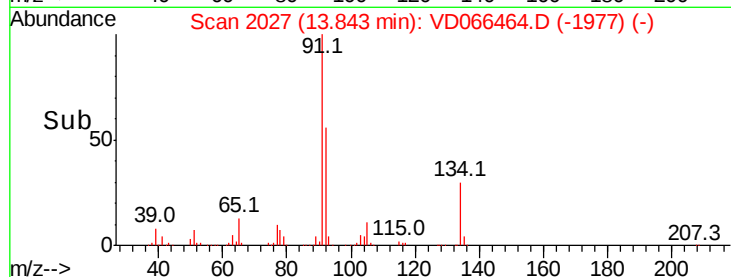
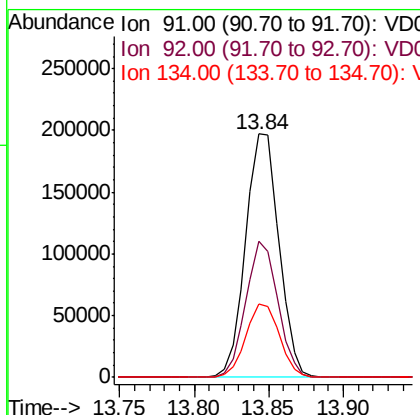
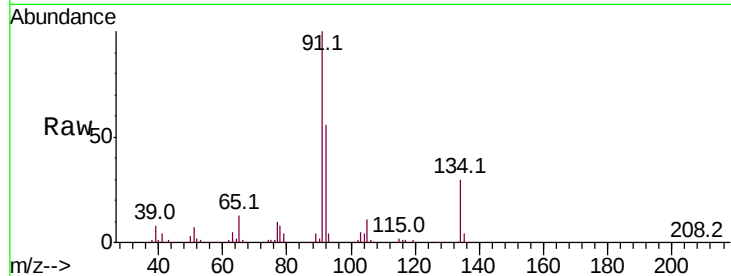




#89  
n-Butylbenzene  
Concen: 50.766 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

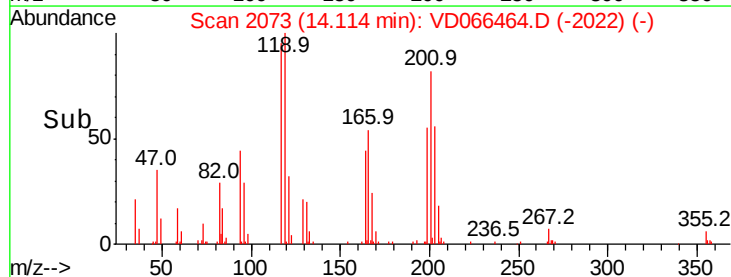
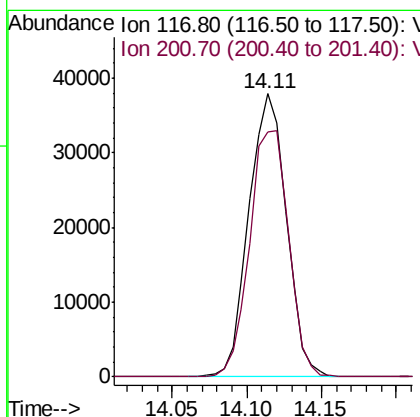
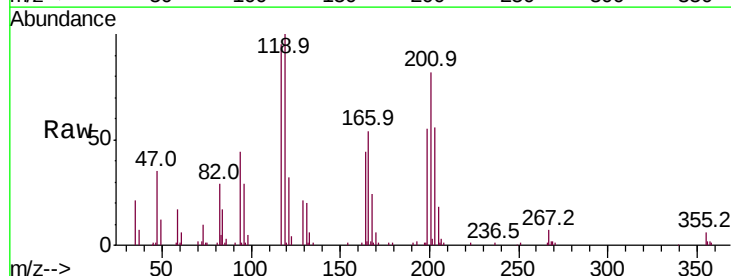
Instrument :  
MSVOA\_D  
ClientSampleId :  
789UMR-TP11-0006-01MSD

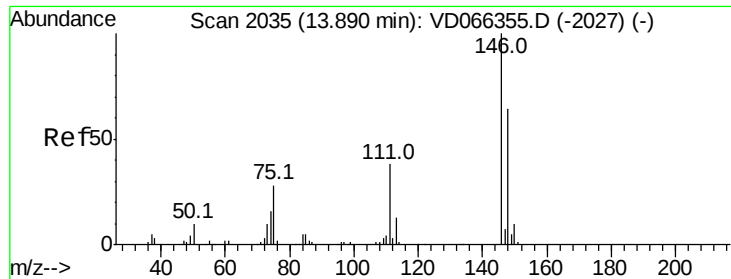
Tot Ion: 91 Resp: 304921  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.4 79.0  
134 30.3 14.4 43.4



#90  
Hexachloroethane  
Concen: 48.954 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD066464.D  
Acq: 28 Aug 2020 17:12

Tgt Ion: 117 Resp: 65822  
Ion Ratio Lower Upper  
117 100  
201 90.4 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 52.484 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

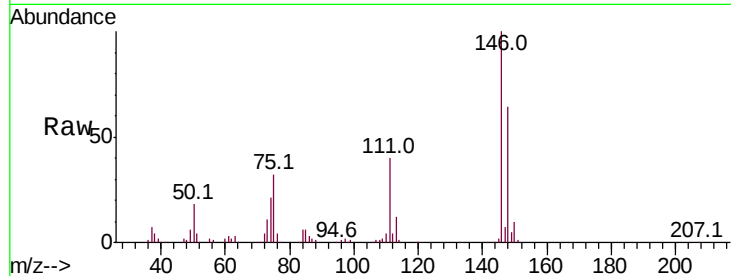
Tot Ion:146 Resp: 153783

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.7

148 64.3 32.6 97.8

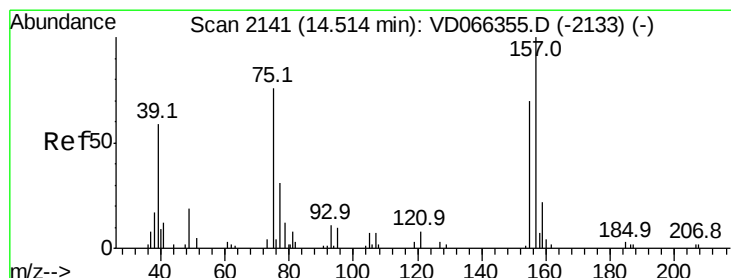
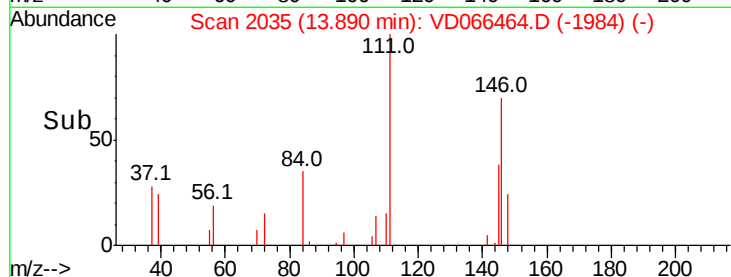
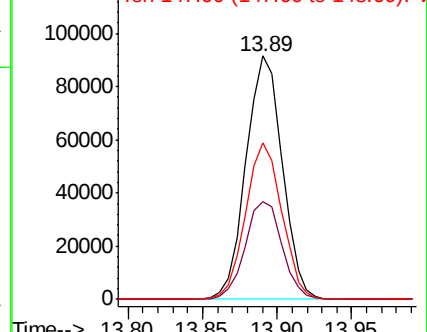


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.361 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

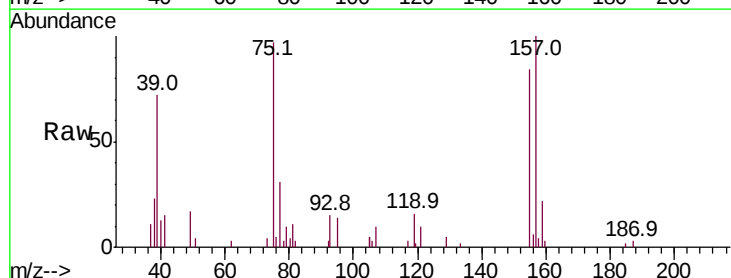
Tgt Ion: 75 Resp: 11055

Ion Ratio Lower Upper

75 100

155 88.6 46.9 140.6

157 113.2 61.0 183.0

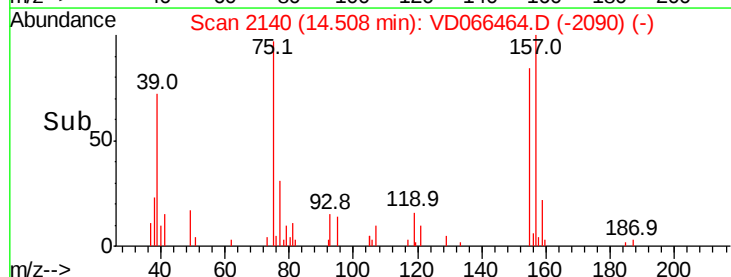
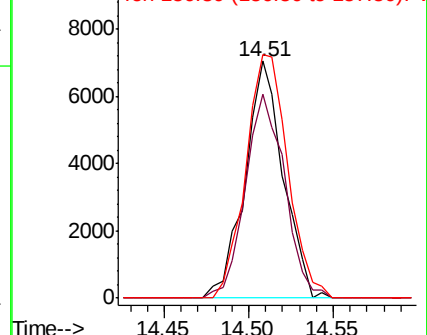


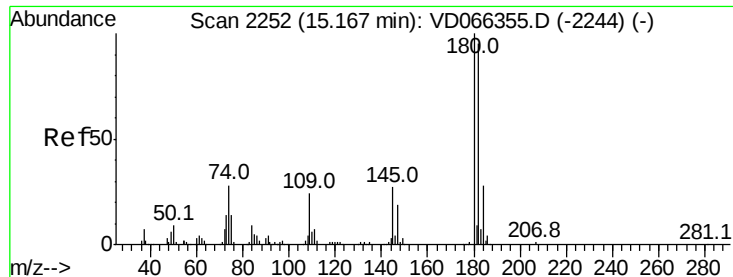
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

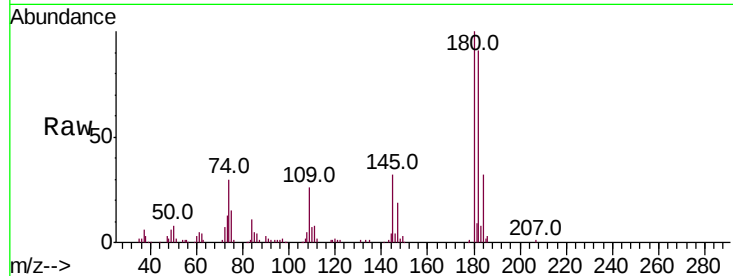




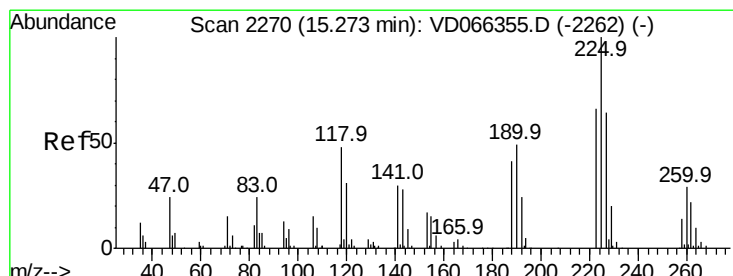
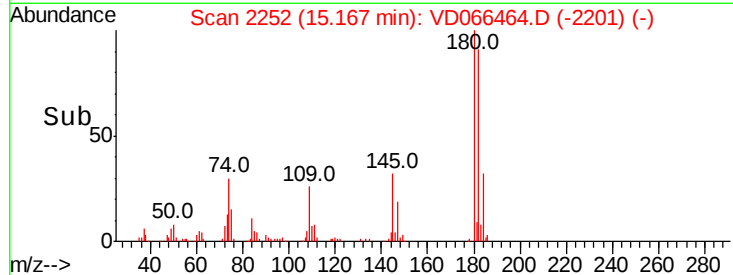
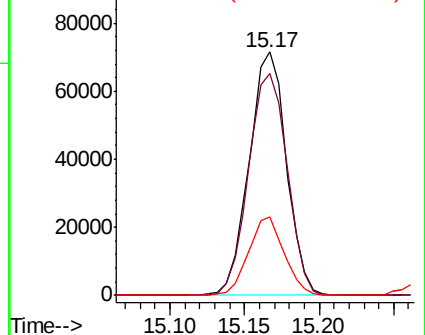
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.867 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 180   | Resp: | 123219 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.7  | 48.0  | 144.0  |
| 145      | 30.9  | 15.2  | 45.6   |

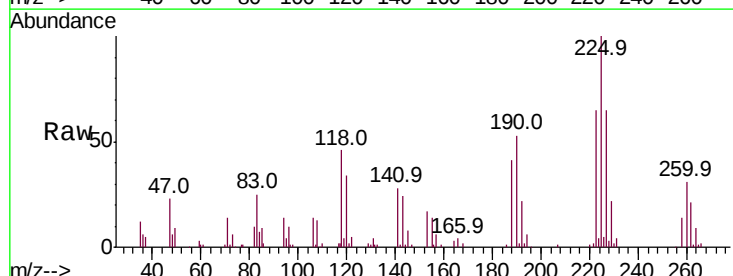


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

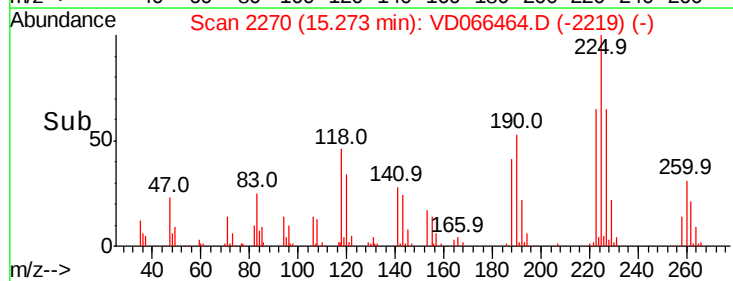
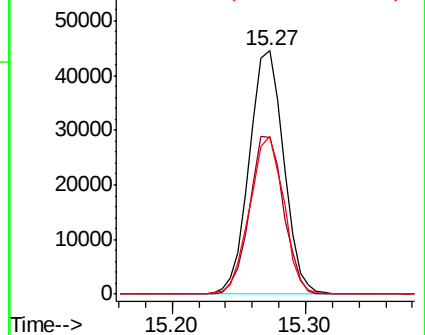


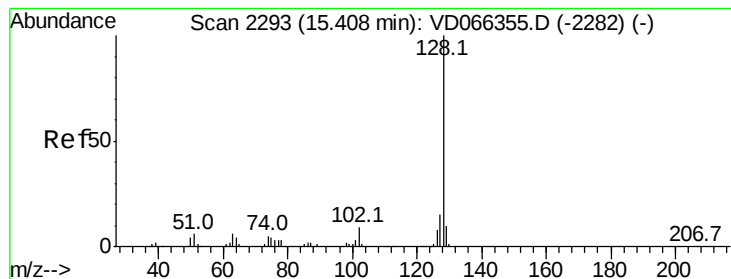
#94  
 Hexachlorobutadiene  
 Concen: 55.887 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD066464.D  
 Acq: 28 Aug 2020 17:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 79445 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 32.5  | 97.4  |
| 227      | 63.9  | 33.0  | 98.9  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.879 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

Instrument :

MSVOA\_D

ClientSampleId :

789UMR-TP11-0006-01MSD

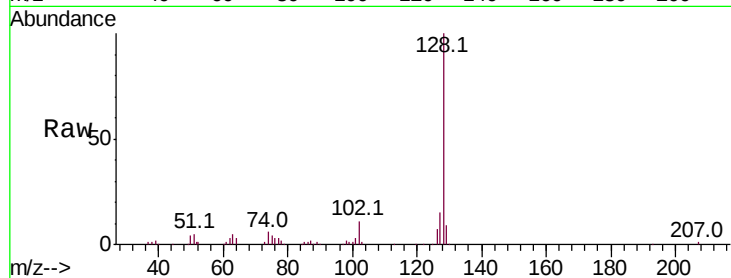
Tot Ion:128 Resp: 193579

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

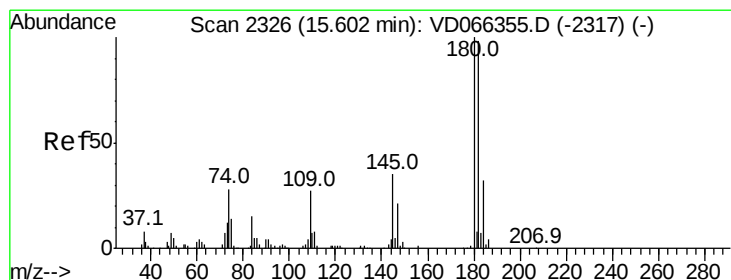
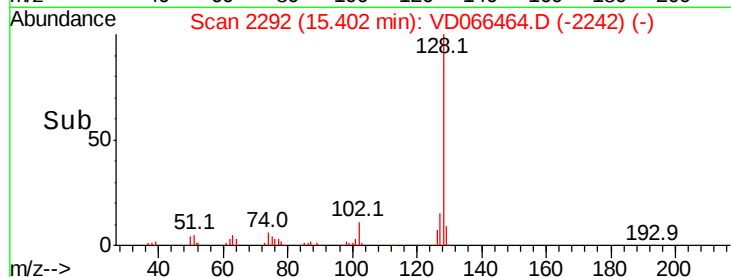
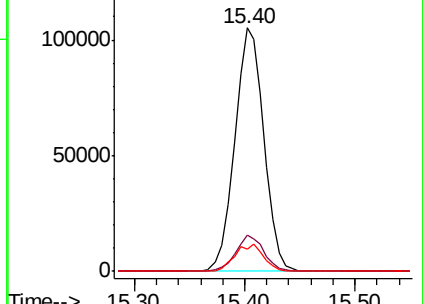
129 11.0 8.6 12.8



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: 53.701 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066464.D

Acq: 28 Aug 2020 17:12

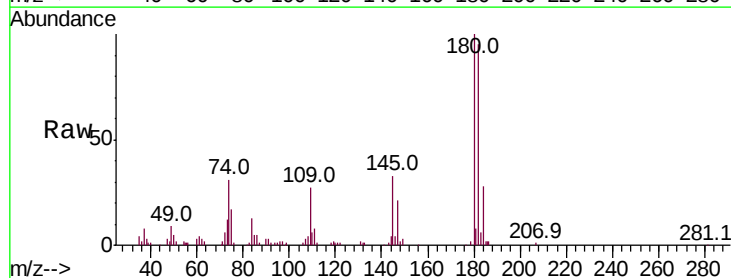
Tgt Ion:180 Resp: 105231

Ion Ratio Lower Upper

180 100

182 96.9 46.7 140.0

145 33.2 16.0 48.0



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

