

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052121\  
 Data File : VX022107.D  
 Acq On : 21 May 2021 12:05  
 Operator : JC/MD  
 Sample : M2262-09 .75PPB MDL  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

Manual Integrations  
 APPROVED

MMDadoda  
 5/24/2021 3:50:18 PM

Quant Time: May 22 06:24:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 22 06:22:48 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 90410    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 178653   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 154131   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 63974    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 72063    | 51.67    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 103.34% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 55181    | 48.71    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.42%  |
| 50) Toluene-d8              | 8.653  | 98    | 211077   | 48.37    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.74%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 74117    | 45.95    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 91.90%  |

|                              |       |     |       |      |        |        |
|------------------------------|-------|-----|-------|------|--------|--------|
| Target Compounds             |       |     |       |      |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.173 | 85  | 667   | 0.61 | ug/l   | 90     |
| 3) Chloromethane             | 1.294 | 50  | 1096  | 0.92 | ug/l   | 98     |
| 4) Vinyl Chloride            | 1.374 | 62  | 929   | 0.74 | ug/l # | 86     |
| 5) Bromomethane              | 1.605 | 94  | 744   | 1.02 | ug/l   | 87     |
| 6) Chloroethane              | 1.685 | 64  | 598   | 0.80 | ug/l # | 87     |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 1257  | 0.70 | ug/l   | 89     |
| 8) Diethyl Ether             | 2.136 | 74  | 618   | 0.80 | ug/l   | 89     |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 574   | 0.54 | ug/l # | 90     |
| 10) Methyl Iodide            | 2.453 | 142 | 802   | 0.70 | ug/l # | 87     |
| 11) Tert butyl alcohol       | 2.965 | 59  | 1726  | 5.41 | ug/l # | 81     |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 758   | 0.73 | ug/l # | 61     |
| 13) Acrolein                 | 2.246 | 56  | 838   | 3.96 | ug/l # | 63     |
| 14) Allyl chloride           | 2.672 | 41  | 1305  | 0.69 | ug/l # | 90     |
| 15) Acrylonitrile            | 3.075 | 53  | 2109  | 3.36 | ug/l   | 98     |
| 16) Acetone                  | 2.386 | 43  | 2583  | 4.25 | ug/l   | 95     |
| 17) Carbon Disulfide         | 2.514 | 76  | 1931  | 0.71 | ug/l # | 91     |
| 18) Methyl Acetate           | 2.709 | 43  | 1198  | 0.74 | ug/l # | 87     |
| 19) Methyl tert-butyl Ether  | 3.130 | 73  | 2380  | 0.67 | ug/l   | 100    |
| 20) Methylene Chloride       | 2.800 | 84  | 1463  | 1.09 | ug/l # | 80     |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 746   | 0.66 | ug/l # | 83     |
| 22) Diisopropyl ether        | 3.776 | 45  | 2324  | 0.63 | ug/l   | 96     |
| 23) Vinyl Acetate            | 3.733 | 43  | 10762 | 3.05 | ug/l   | 100    |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 1442  | 0.67 | ug/l # | 81     |
| 25) 2-Butanone               | 4.580 | 43  | 3446  | 3.51 | ug/l # | 87     |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 1075  | 0.56 | ug/l   | 89     |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 859   | 0.63 | ug/l   | 68     |
| 28) Bromochloromethane       | 4.897 | 49  | 746   | 0.71 | ug/l # | 74     |
| 29) Tetrahydrofuran          | 5.032 | 42  | 2123  | 3.63 | ug/l # | 78     |
| 30) Chloroform               | 5.099 | 83  | 1378  | 0.62 | ug/l   | 93     |
| 31) Cyclohexane              | 5.477 | 56  | 1019  | 0.58 | ug/l # | 90     |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 1122  | 0.59 | ug/l # | 44     |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 1141  | 0.69 | ug/l # | 81     |
| 37) Ethyl Acetate            | 4.727 | 43  | 1477  | 0.73 | ug/l # | 81     |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 920   | 0.57 | ug/l   | 99     |
| 39) Methylcyclohexane        | 7.385 | 83  | 1161  | 0.62 | ug/l # | 85     |
| 40) Benzene                  | 6.056 | 78  | 2938  | 0.58 | ug/l   | 95     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052121\  
 Data File : VX022107.D  
 Acq On : 21 May 2021 12:05  
 Operator : JC/MD  
 Sample : M2262-09 .75PPB MDL  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

Manual Integrations  
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 5/24/2021 3:50:18 PM

Quant Time: May 22 06:24:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 22 06:22:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.940  | 41   | 762m     | 0.70  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 1365     | 0.77  | ug/l # | 73       |
| 43) Isopropyl Acetate         | 6.355  | 43   | 2139     | 0.65  | ug/l # | 78       |
| 44) Trichloroethene           | 7.129  | 130  | 755      | 0.60  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 829      | 0.64  | ug/l   | 92       |
| 46) Dibromomethane            | 7.598  | 93   | 530m     | 0.60  | ug/l   |          |
| 47) Bromodichloromethane      | 7.824  | 83   | 993      | 0.56  | ug/l # | 82       |
| 48) Methyl methacrylate       | 7.696  | 41   | 934      | 0.61  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 457      | 15.38 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 6298     | 3.17  | ug/l   | 91       |
| 52) Toluene                   | 8.726  | 92   | 1956     | 0.61  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 988      | 0.49  | ug/l # | 40       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1155     | 0.53  | ug/l # | 69       |
| 55) 1,1,2-Trichloroethane     | 9.165  | 97   | 796      | 0.61  | ug/l # | 68       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 1267     | 0.60  | ug/l # | 79       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 1399     | 0.63  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 2772     | 2.43  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.439  | 43   | 4575     | 3.07  | ug/l   | 90       |
| 60) Dibromochloromethane      | 9.525  | 129  | 739      | 0.58  | ug/l   | 91       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 850      | 0.65  | ug/l   | 95       |
| 64) Tetrachloroethene         | 9.281  | 164  | 759      | 0.75  | ug/l # | 77       |
| 65) Chlorobenzene             | 10.079 | 112  | 2026     | 0.63  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 10.171 | 131  | 795      | 0.71  | ug/l # | 61       |
| 67) Ethyl Benzene             | 10.195 | 91   | 3528     | 0.60  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 2888     | 1.29  | ug/l   | 90       |
| 69) o-Xylene                  | 10.646 | 106  | 1369     | 0.63  | ug/l   | 92       |
| 70) Styrene                   | 10.653 | 104  | 1954     | 0.55  | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 333      | 0.43  | ug/l # | 45       |
| 73) Isopropylbenzene          | 10.963 | 105  | 3555     | 0.66  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.842 | 43   | 1561     | 0.61  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1283     | 0.71  | ug/l   | 82       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 1071m    | 0.68  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 852      | 0.74  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 3807     | 0.60  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 2404     | 0.62  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 2772     | 0.62  | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 450m     | 0.68  | ug/l   |          |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 2662     | 0.60  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 2657     | 0.62  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 2840     | 0.63  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 2823     | 0.52  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 2608     | 0.56  | ug/l # | 82       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 1474     | 0.67  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 1667m    | 0.73  | ug/l   |          |
| 89) n-Butylbenzene            | 12.335 | 91   | 2389     | 0.56  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 391      | 0.51  | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 1378     | 0.65  | ug/l   | 89       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.951 | 75   | 174      | 0.45  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.597 | 180  | 860      | 0.67  | ug/l   | 86       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 260      | 0.52  | ug/l   | 70       |
| 95) Naphthalene               | 13.780 | 128  | 2690     | 0.54  | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 13.969 | 180  | 614      | 0.47  | ug/l # | 74       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052121\  
Data File : VX022107.D  
Acq On : 21 May 2021 12:05  
Operator : JC/MD  
Sample : M2262-09 .75PPB MDL  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

Manual Integrations  
APPROVED

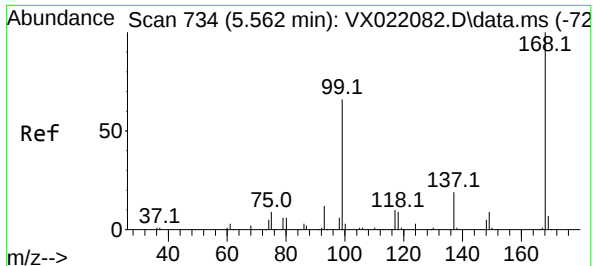
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5/24/2021 3:50:18 PM

Quant Time: May 22 06:24:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 22 06:22:48 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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





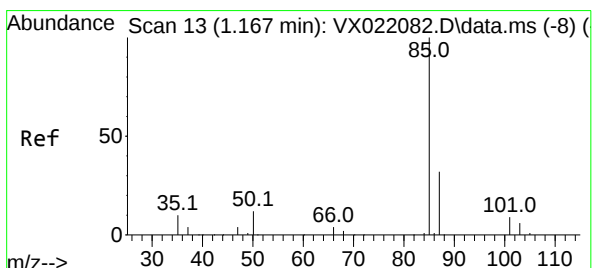
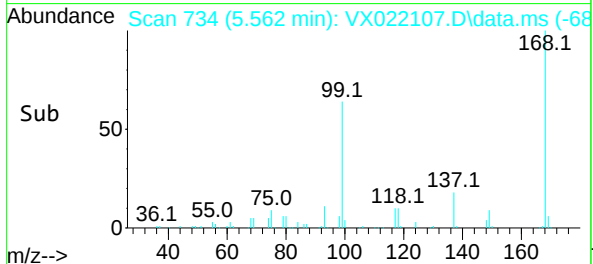
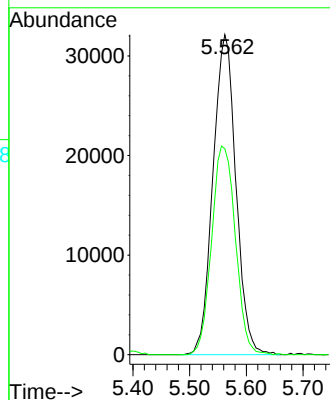
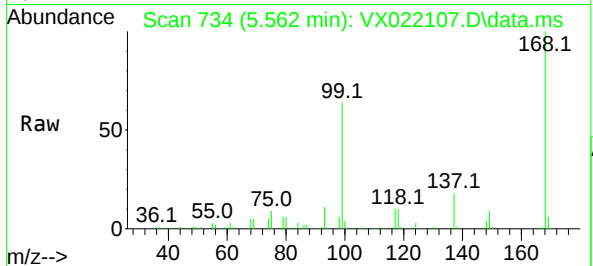
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 168 Resp: 90410  
Ion Ratio Lower Upper  
168 100  
99 64.3 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

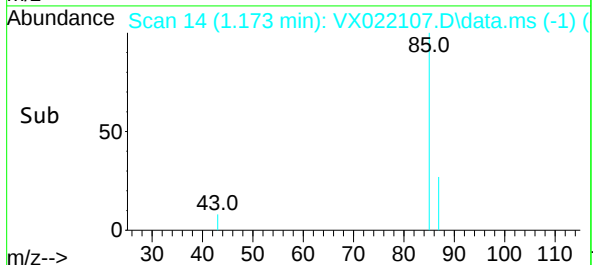
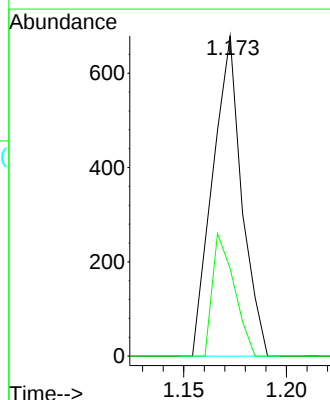
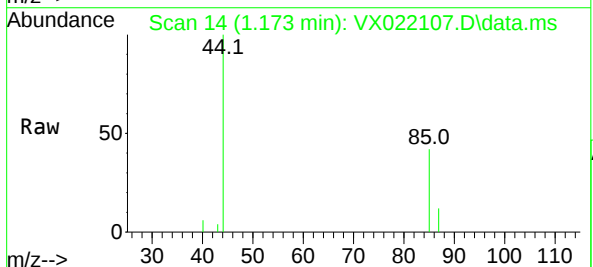
Manual Integrations  
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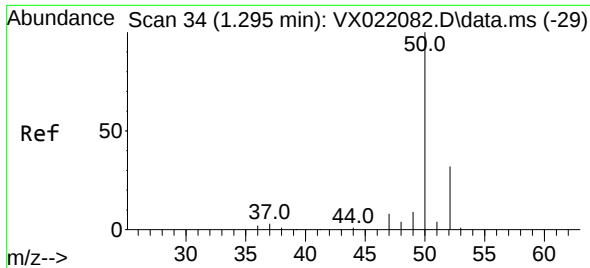
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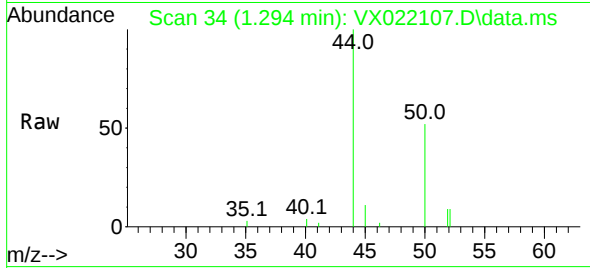
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Dichlorodifluoromethane  
Concen: 0.61 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 85 Resp: 667  
Ion Ratio Lower Upper  
85 100  
87 27.4 16.4 49.2

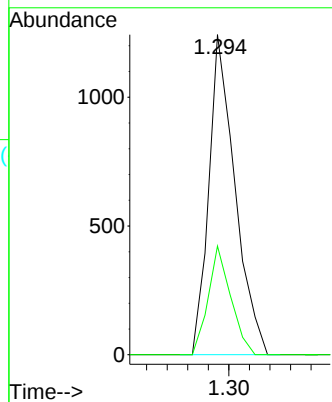
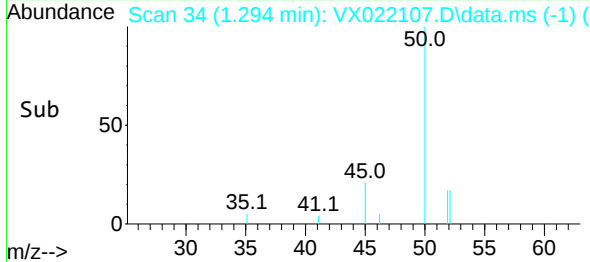




#3  
Chloromethane  
Concen: 0.92 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



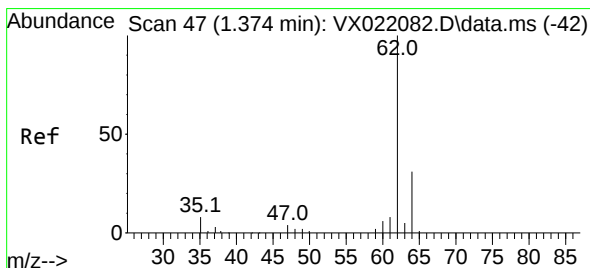
Tgt Ion: 50 Resp: 1096  
Ion Ratio Lower Upper  
50 100  
52 34.0 26.4 39.6



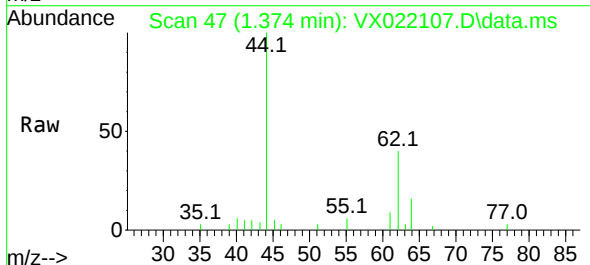
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

Manual Integrations  
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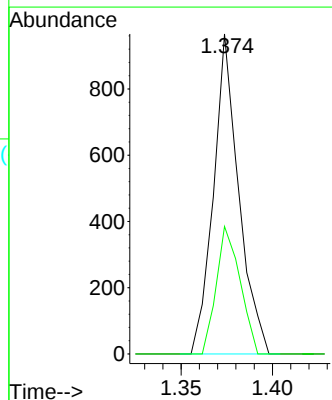
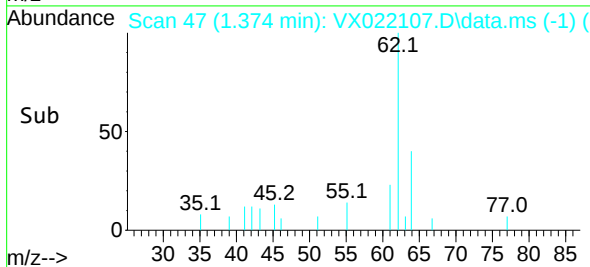
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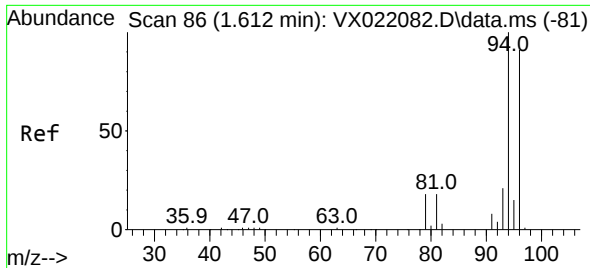


#4  
Vinyl Chloride  
Concen: 0.74 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



Tgt Ion: 62 Resp: 929  
Ion Ratio Lower Upper  
62 100  
64 39.9 25.7 38.5





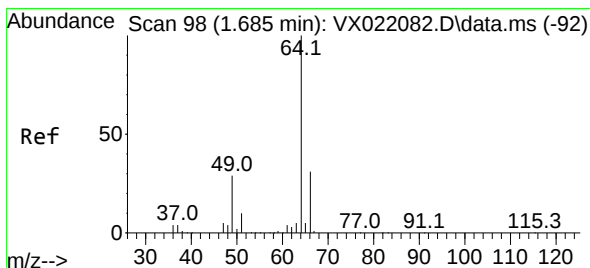
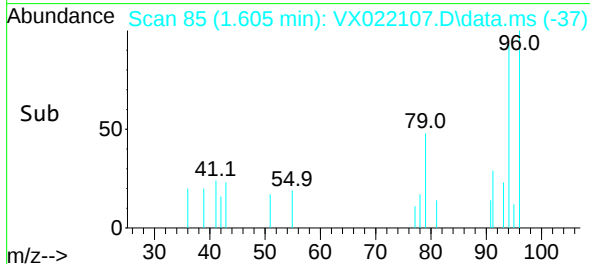
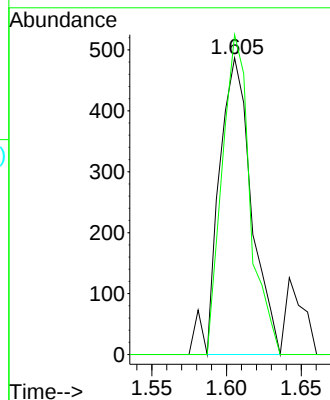
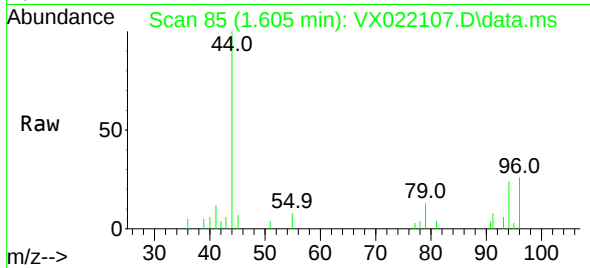
#5  
Bromomethane  
Concen: 1.02 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. -0.007 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 94 Resp: 744  
Ion Ratio Lower Upper  
94 100  
96 107.8 76.4 114.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

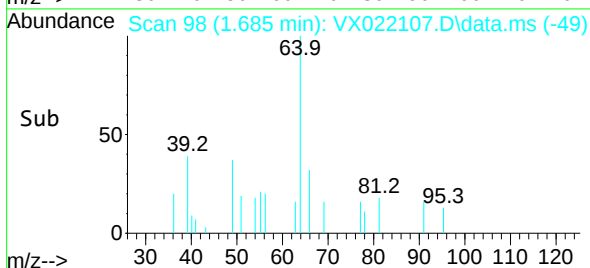
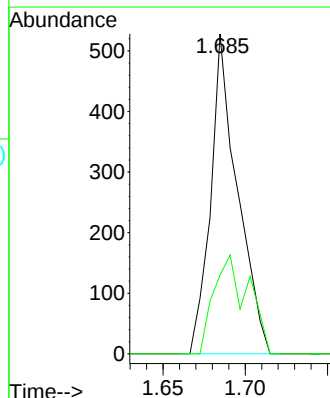
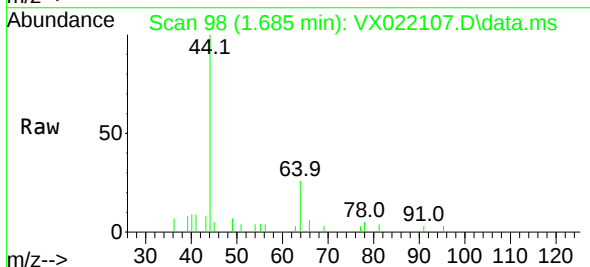
Manual Integrations  
APPROVED

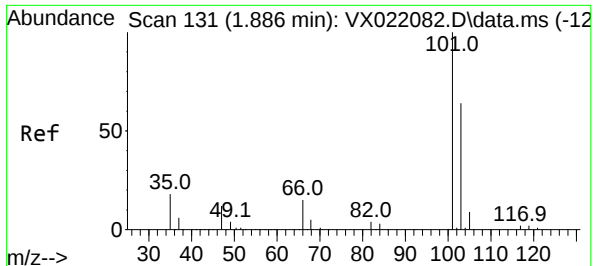
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#6  
Chloroethane  
Concen: 0.80 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 64 Resp: 598  
Ion Ratio Lower Upper  
64 100  
66 24.6 25.4 38.0#





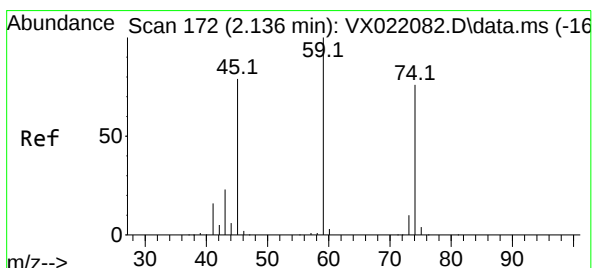
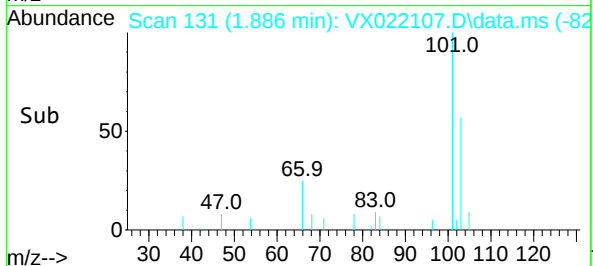
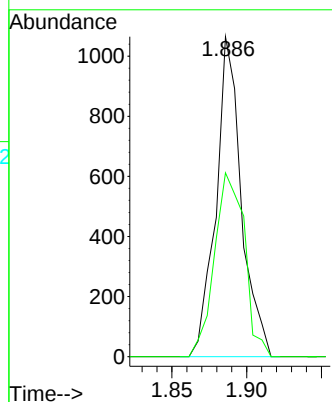
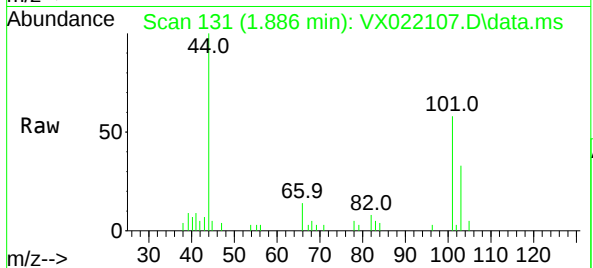
#7  
 Trichlorofluoromethane  
 Concen: 0.70 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 101 Resp: 1257  
 Ion Ratio Lower Upper  
 101 100  
 103 57.5 53.2 79.8

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

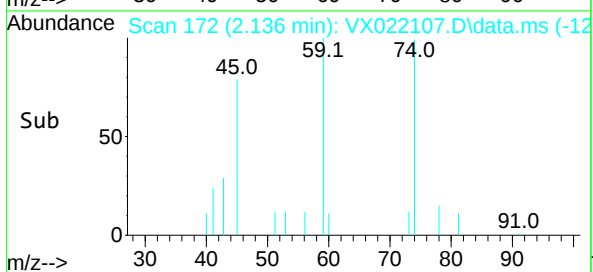
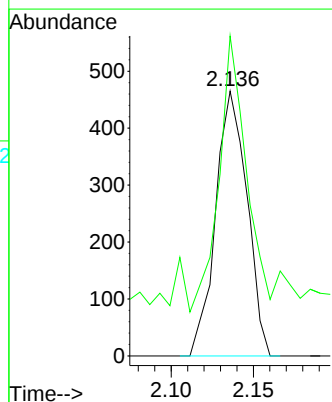
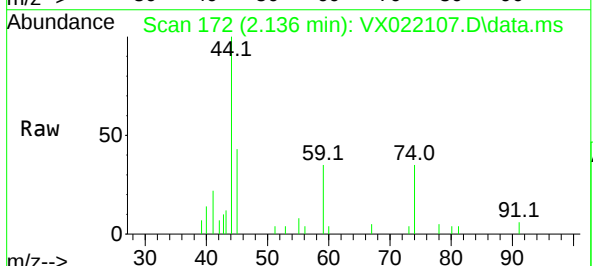
Manual Integrations  
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#8  
 Diethyl Ether  
 Concen: 0.80 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 74 Resp: 618  
 Ion Ratio Lower Upper  
 74 100  
 45 99.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.54 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX022107.D

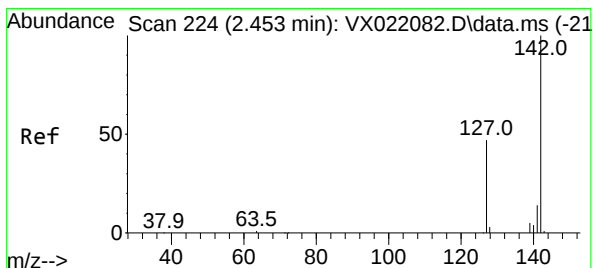
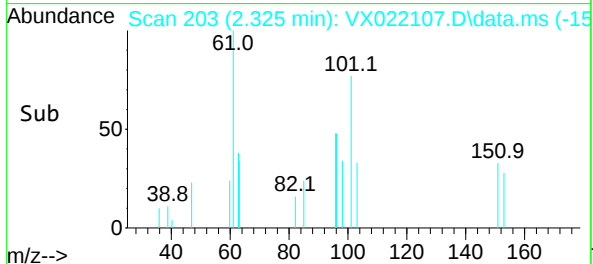
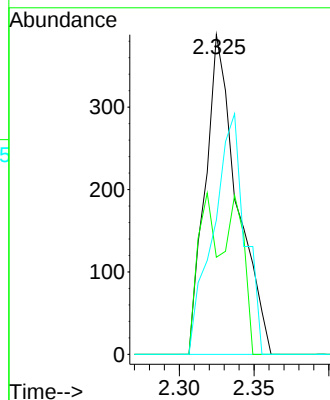
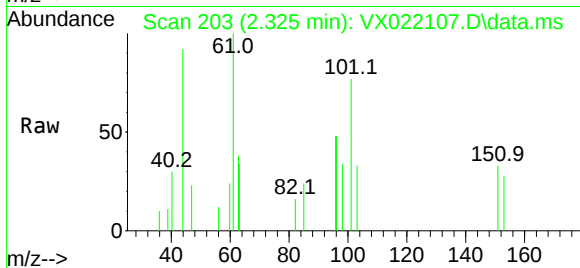
Acq: 21 May 2021 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 574   |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 28.9  | 34.9  | 52.3# |
| 151      | 74.9  | 61.4  | 92.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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#10

Methyl Iodide

Concen: 0.70 ug/l

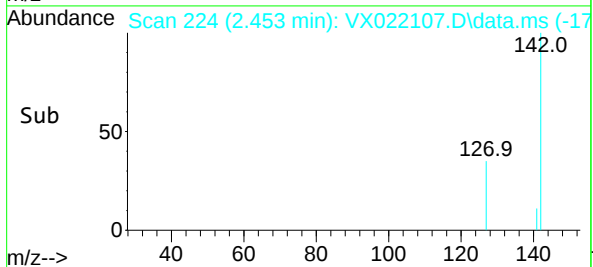
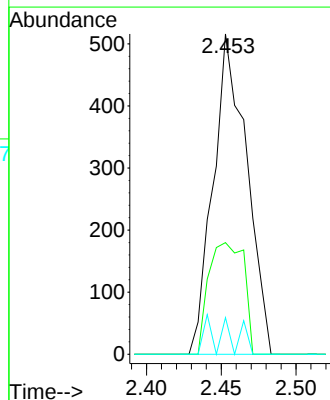
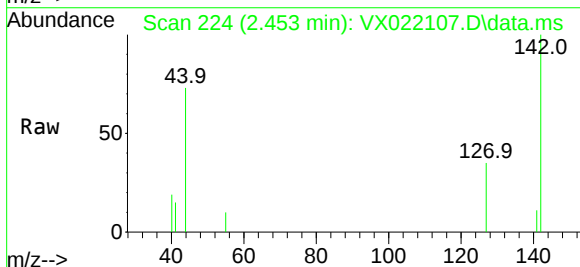
RT: 2.453 min Scan# 224

Delta R.T. -0.000 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 802   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 36.7  | 33.3  | 49.9  |
| 141      | 2.9   | 11.4  | 17.0# |





#11

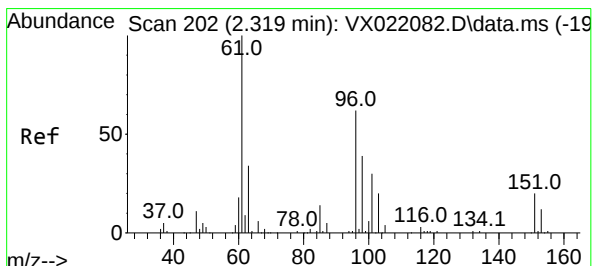
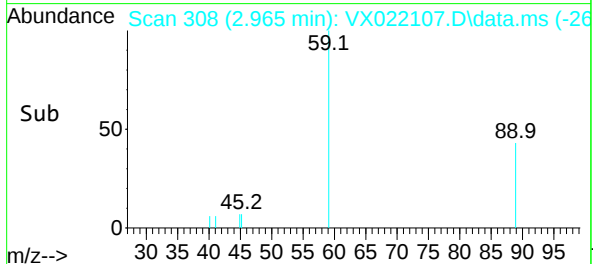
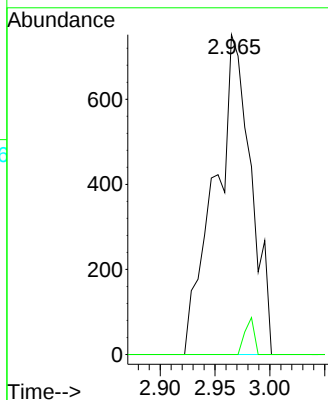
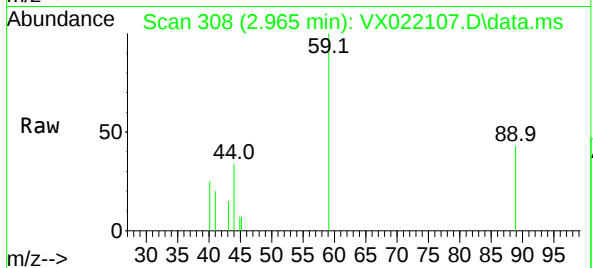
Tert butyl alcohol  
Concen: 5.41 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.024 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 59 Resp: 1726  
Ion Ratio Lower Upper  
59 100  
57 3.0 7.8 11.8#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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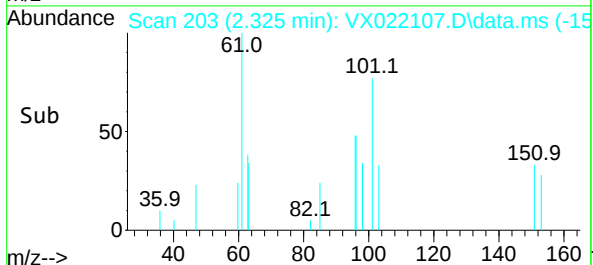
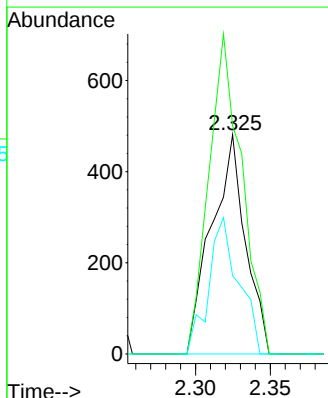
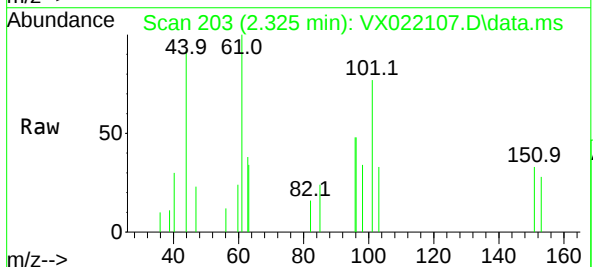
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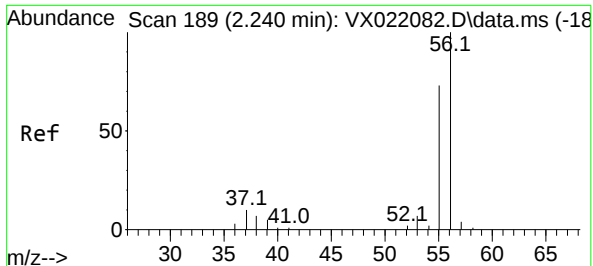


#12

1,1-Dichloroethene  
Concen: 0.73 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

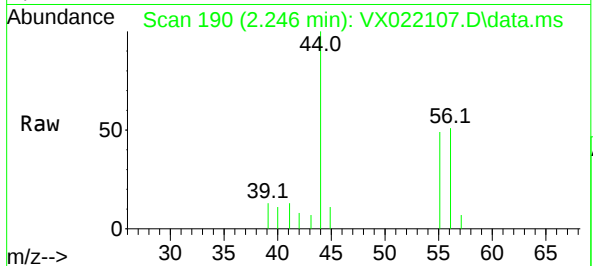
Tgt Ion: 96 Resp: 758  
Ion Ratio Lower Upper  
96 100  
61 104.2 124.6 187.0#  
98 35.8 50.6 76.0#



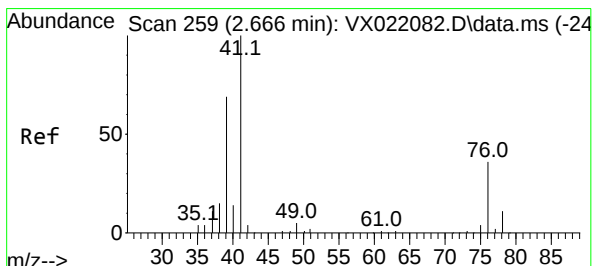
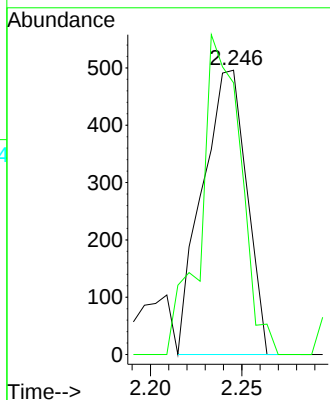
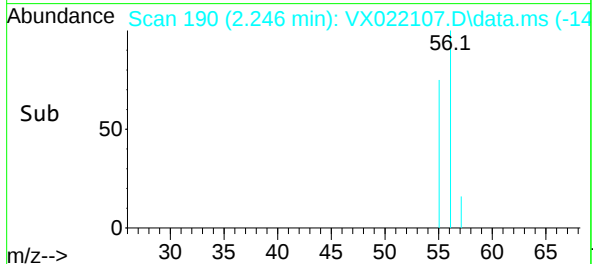


#13  
Acrolein  
Concen: 3.96 ug/l  
RT: 2.246 min Scan# 190  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

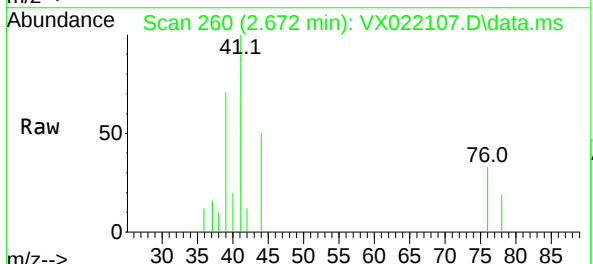
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021



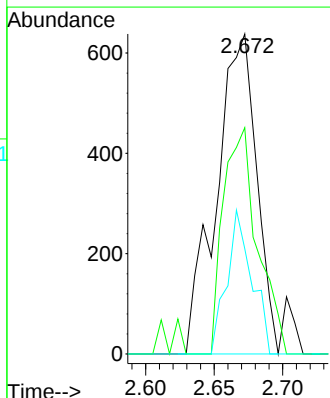
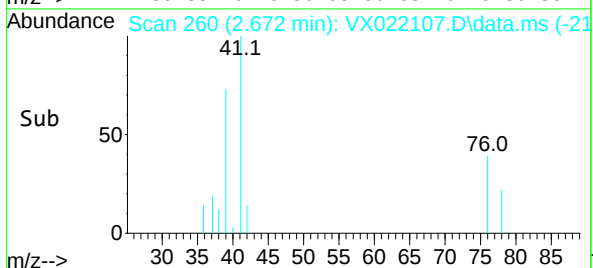
Tgt Ion: 56 Resp: 838  
Ion Ratio Lower Upper  
56 100  
55 100.8 56.4 84.6#



#14  
Allyl chloride  
Concen: 0.69 ug/l  
RT: 2.672 min Scan# 260  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

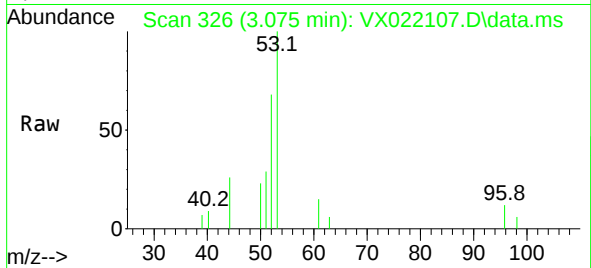


Tgt Ion: 41 Resp: 1305  
Ion Ratio Lower Upper  
41 100  
39 60.0 51.6 77.4  
76 27.9 30.5 45.7#



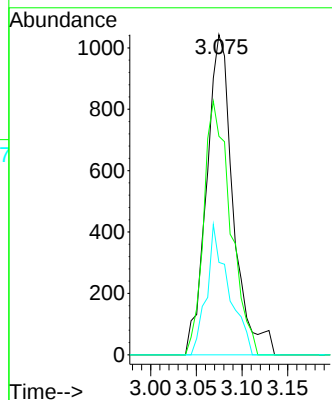


#15  
Acrylonitrile  
Concen: 3.36 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



Tgt Ion: 53 Resp: 2109

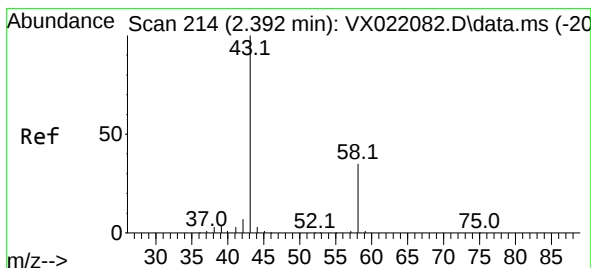
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.0  | 65.3  | 97.9  |
| 51  | 33.6  | 28.2  | 42.2  |



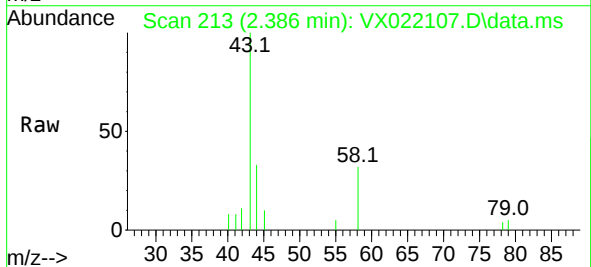
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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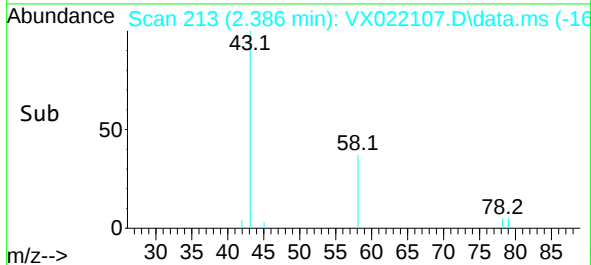
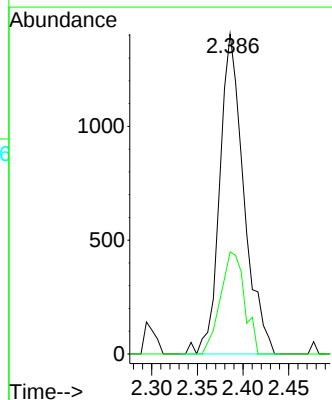


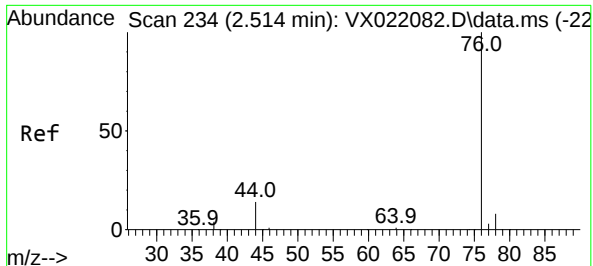
#16  
Acetone  
Concen: 4.25 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



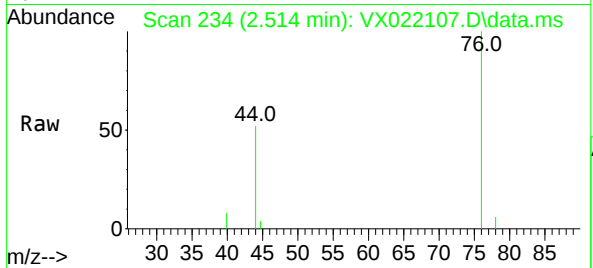
Tgt Ion: 43 Resp: 2583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.9  | 27.8  | 41.8  |

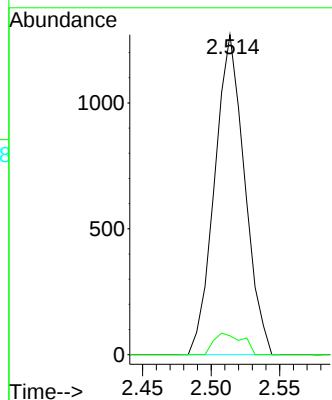




#17  
Carbon Disulfide  
Concen: 0.71 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



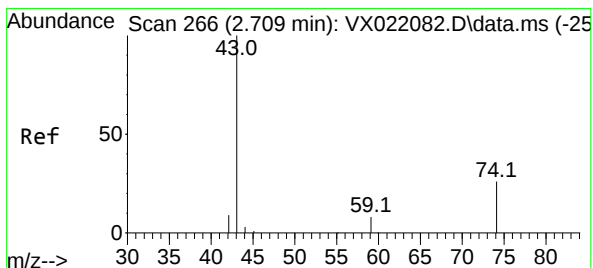
Tgt Ion: 76 Resp: 1931  
Ion Ratio Lower Upper  
76 100  
78 5.9 7.2 10.8#



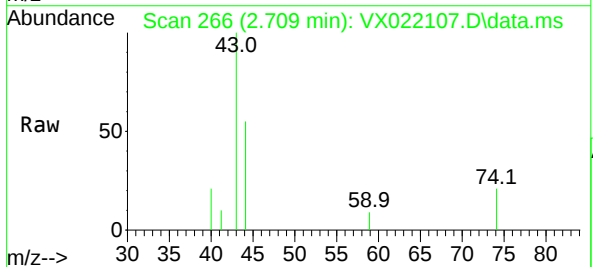
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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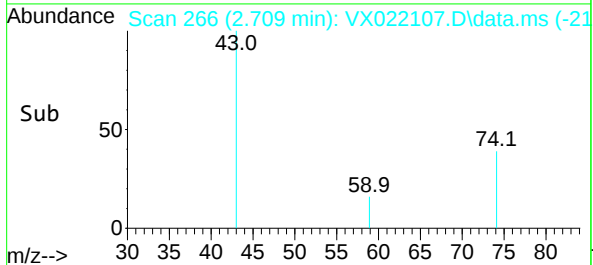
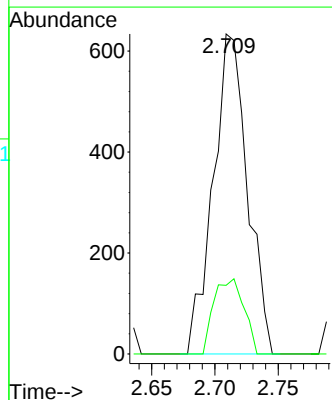
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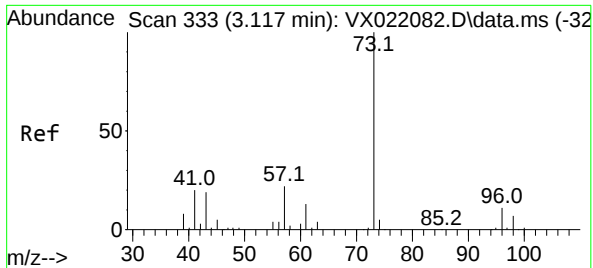


#18  
Methyl Acetate  
Concen: 0.74 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



Tgt Ion: 43 Resp: 1198  
Ion Ratio Lower Upper  
43 100  
74 20.5 21.9 32.9#





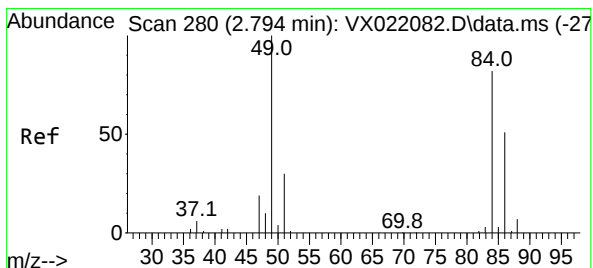
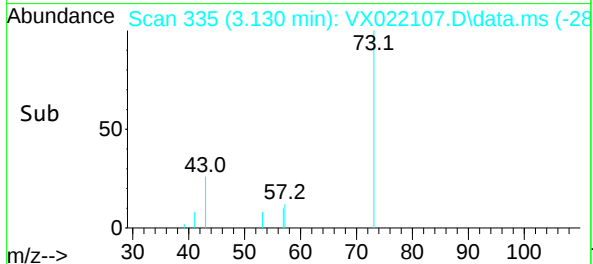
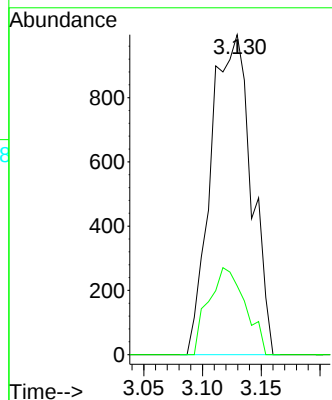
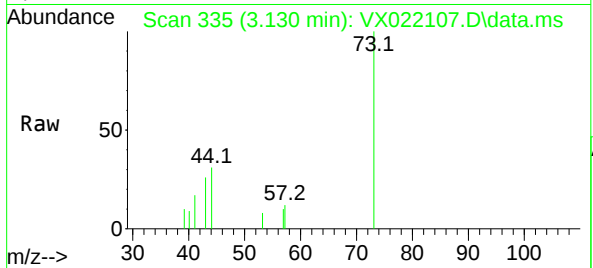
#19  
Methyl tert-butyl Ether  
Concen: 0.67 ug/l  
RT: 3.130 min Scan# 335  
Delta R.T. 0.013 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 73 Resp: 2380  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

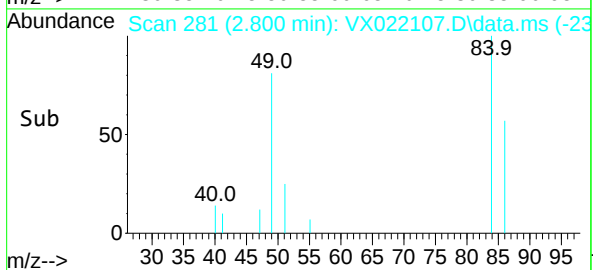
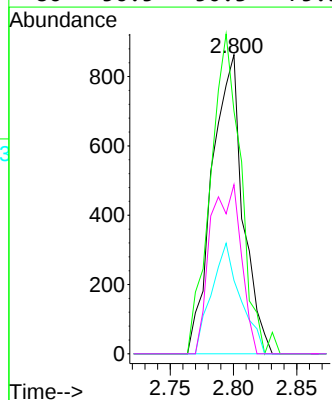
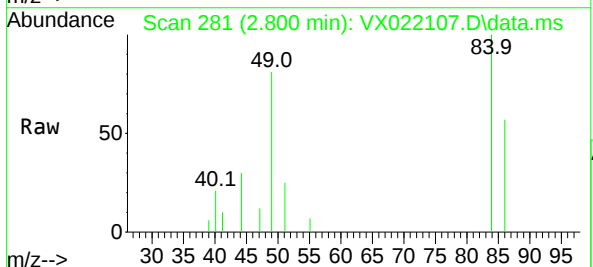
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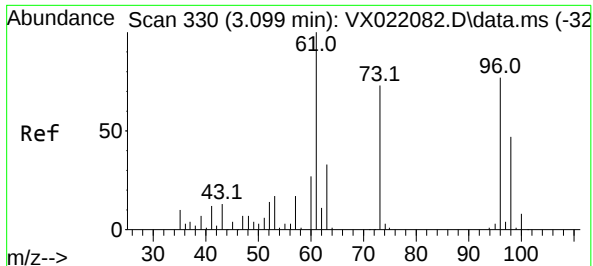
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5/24/2021 3:50:18 PM



#20  
Methylene Chloride  
Concen: 1.09 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 84 Resp: 1463  
Ion Ratio Lower Upper  
84 100  
49 81.2 88.6 132.8#  
51 24.6 27.0 40.6#  
86 56.5 50.3 75.5





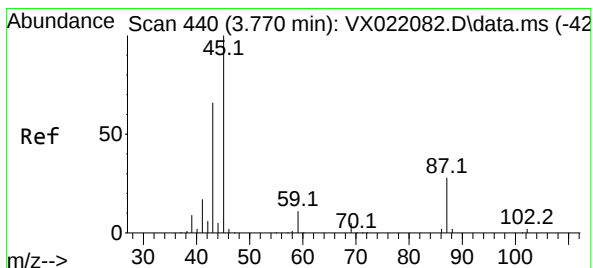
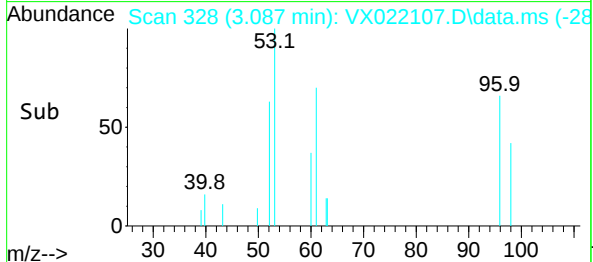
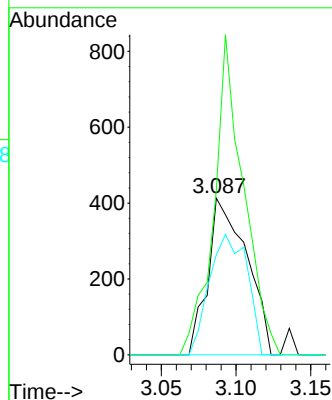
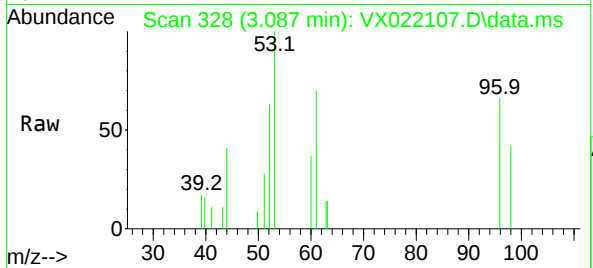
#21  
trans-1,2-Dichloroethene  
Concen: 0.66 ug/l  
RT: 3.087 min Scan# 328  
Delta R.T. -0.012 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 96 Resp: 746  
Ion Ratio Lower Upper  
96 100  
61 105.3 107.7 161.5#  
98 63.9 50.4 75.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

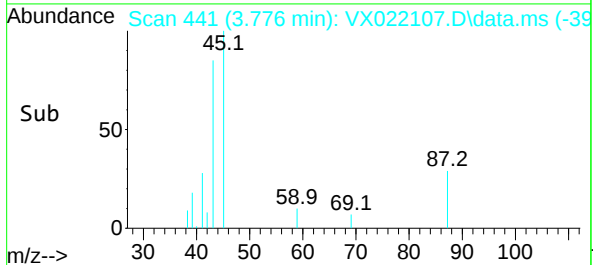
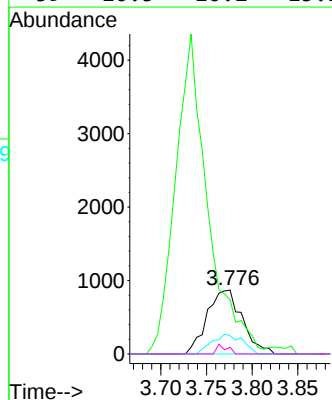
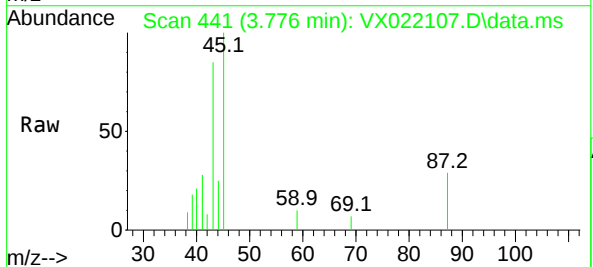
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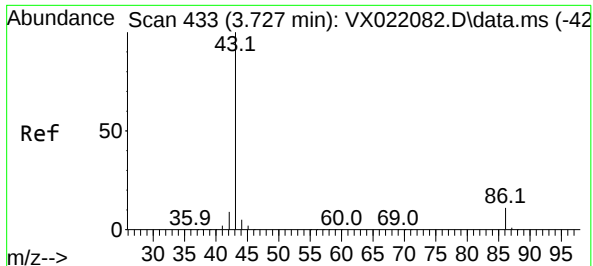
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5/24/2021 3:50:18 PM



#22  
Diisopropyl ether  
Concen: 0.63 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 45 Resp: 2324  
Ion Ratio Lower Upper  
45 100  
43 74.9 58.0 87.0  
87 28.5 25.4 38.0  
59 10.5 10.2 15.2





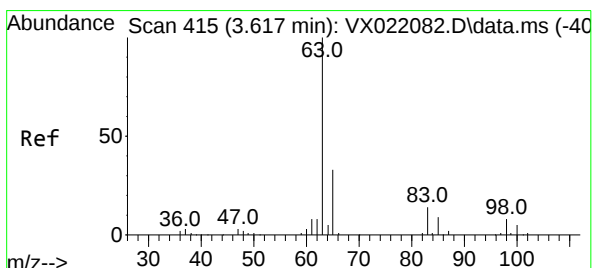
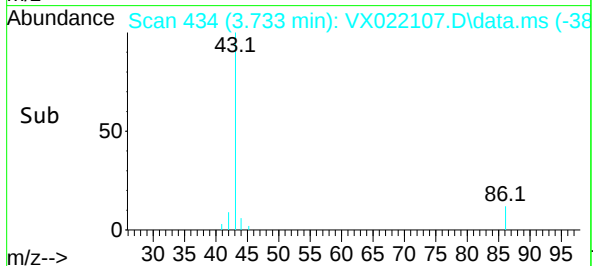
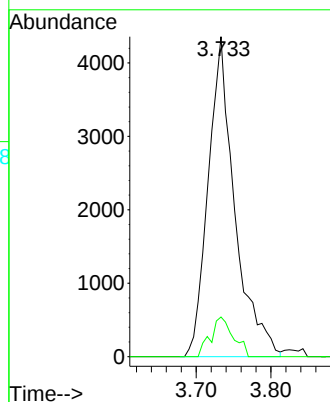
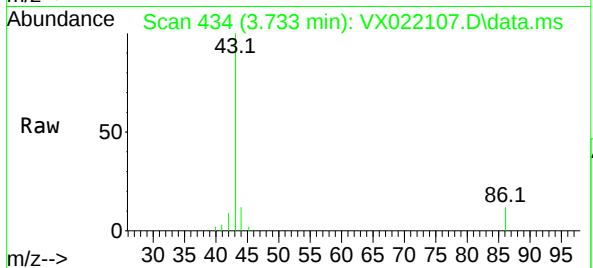
#23  
 Vinyl Acetate  
 Concen: 3.05 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. 0.006 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 10762  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 9.9 14.9

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

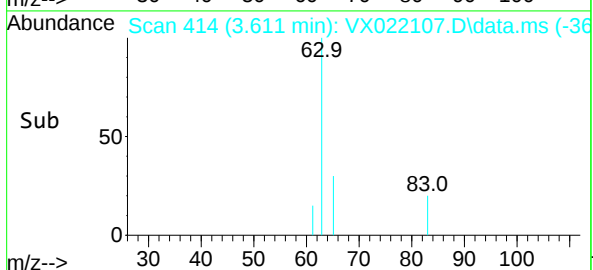
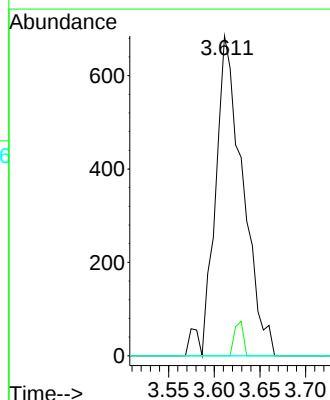
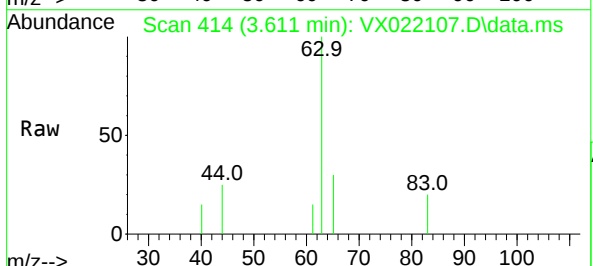
Manual Integrations  
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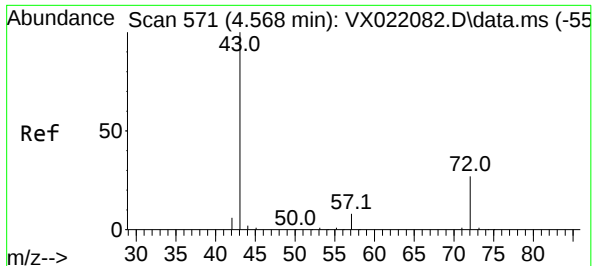
MMDadoda  
 5/24/2021 3:50:18 PM



#24  
 1,1-Dichloroethane  
 Concen: 0.67 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.006 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 63 Resp: 1442  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.8 11.2#  
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 3.51 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 3446

Ion Ratio Lower Upper

43 100

72 22.8 23.7 35.5#

Instrument :

MSVOA\_X

ClientSampleId :

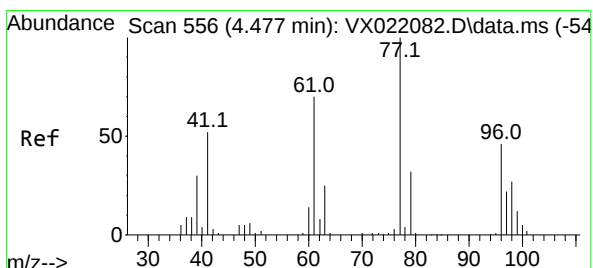
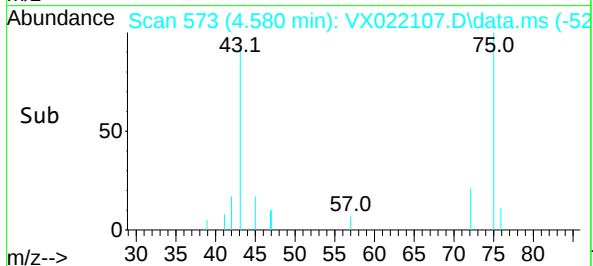
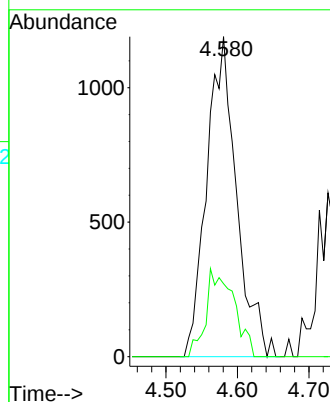
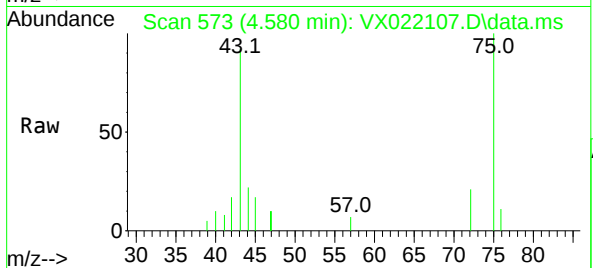
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#26

2,2-Dichloropropane

Concen: 0.56 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX022107.D

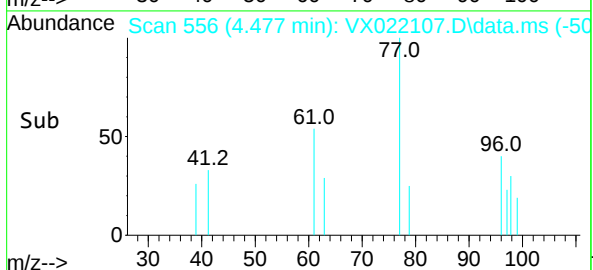
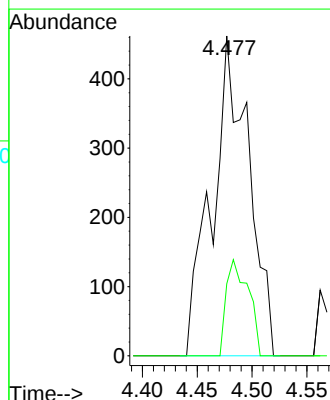
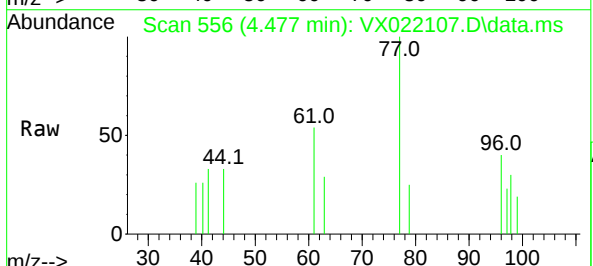
Acq: 21 May 2021 12:05

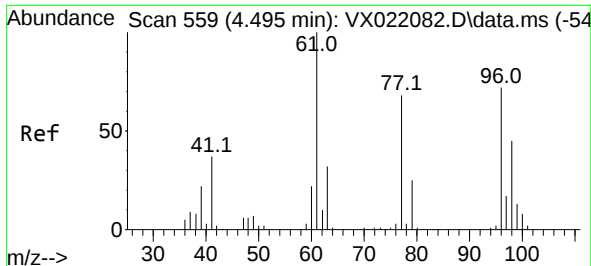
Tgt Ion: 77 Resp: 1075

Ion Ratio Lower Upper

77 100

97 18.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 0.63 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

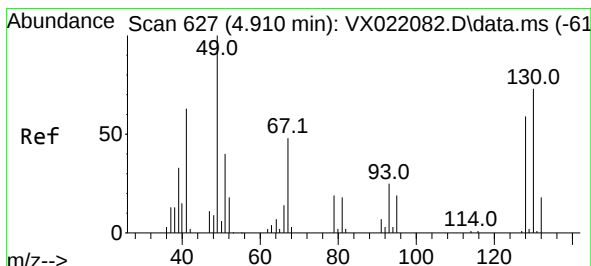
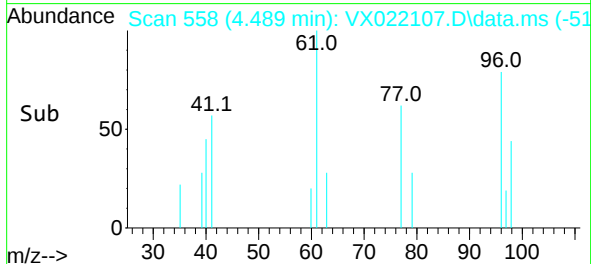
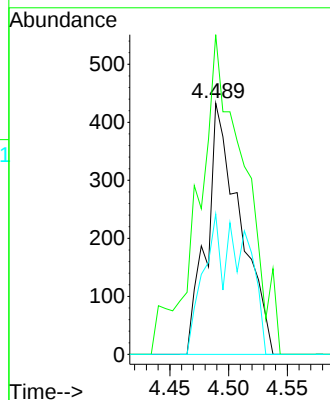
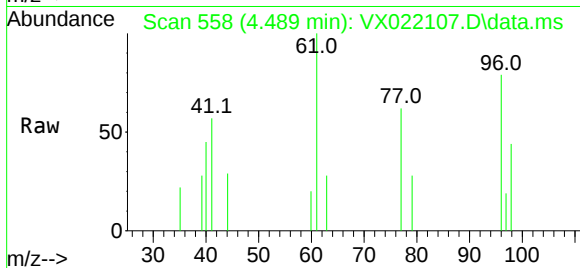
Tgt Ion: 96 Resp: 859

Ion Ratio Lower Upper

96 100

61 175.8 0.0 285.6

98 31.1 0.0 129.6



#28

Bromochloromethane

Concen: 0.71 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.013 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

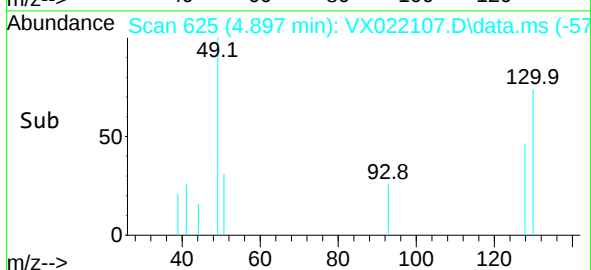
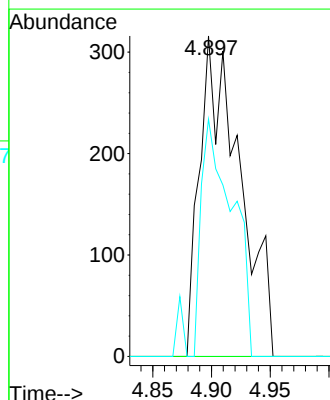
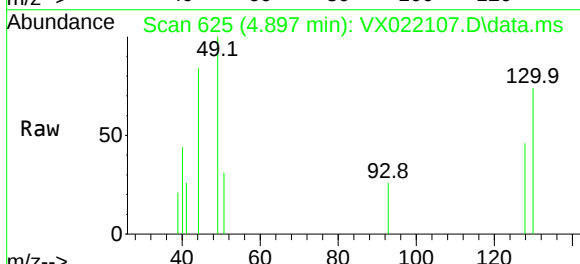
Tgt Ion: 49 Resp: 746

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 61.0 68.2 102.2#



Instrument :

MSVOA\_X

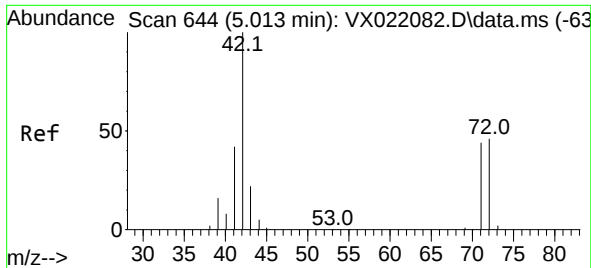
ClientSampleId :

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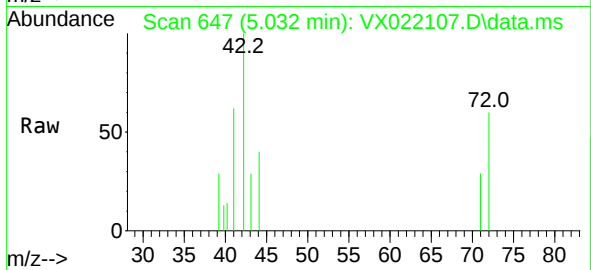
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#29  
Tetrahydrofuran  
Concen: 3.63 ug/l  
RT: 5.032 min Scan# 647  
Delta R.T. 0.019 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

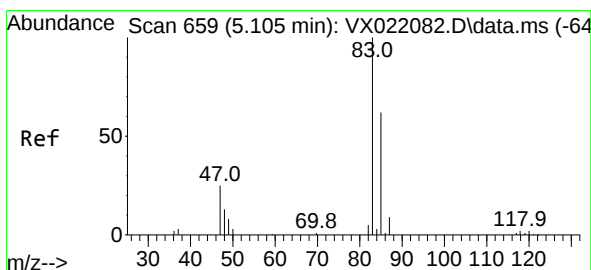
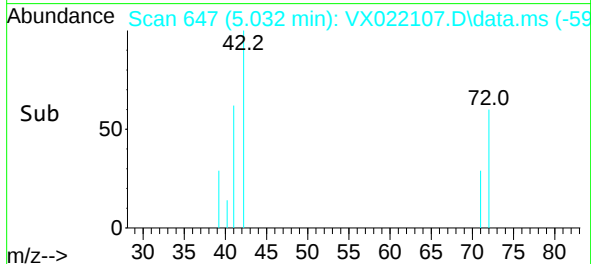
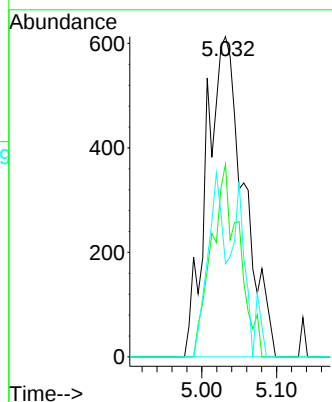
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021



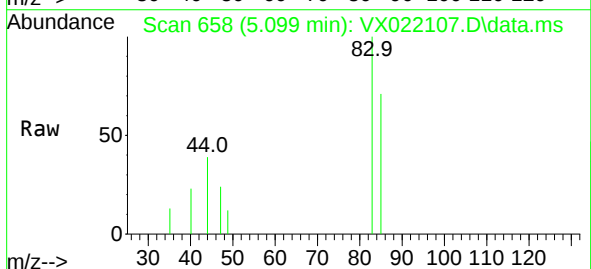
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.5  | 41.7  | 62.5  |
| 71      | 24.4  | 38.4  | 57.6  |

Manual Integrations  
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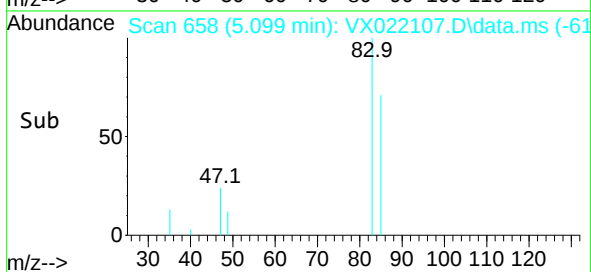
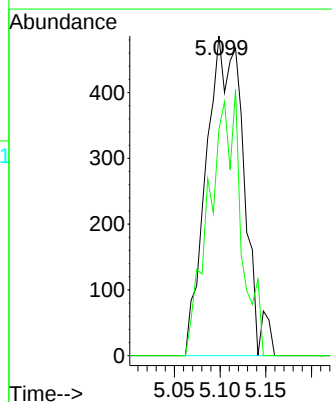
MMDadoda  
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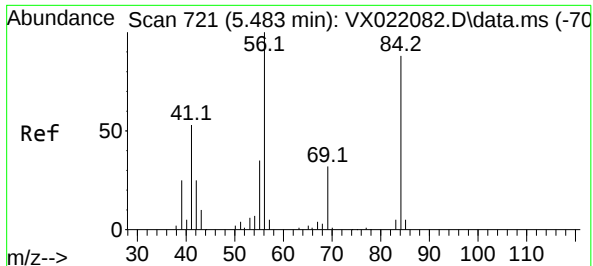


#30  
Chloroform  
Concen: 0.62 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

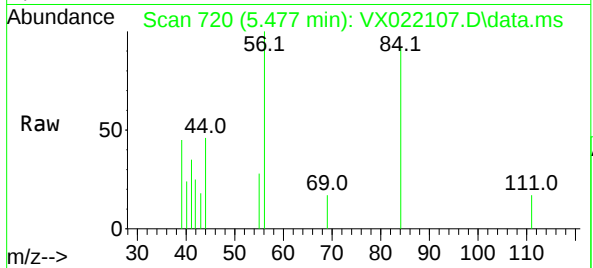


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 70.8  | 52.0  | 78.0  |

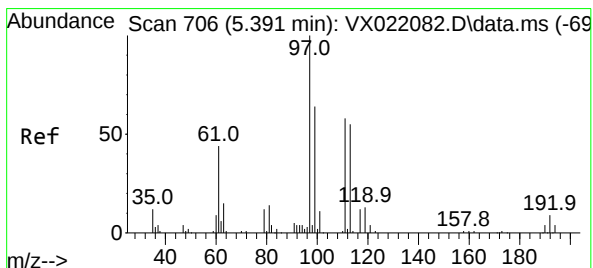
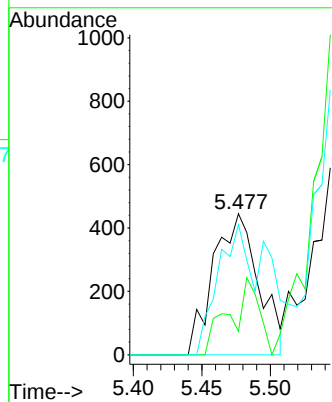
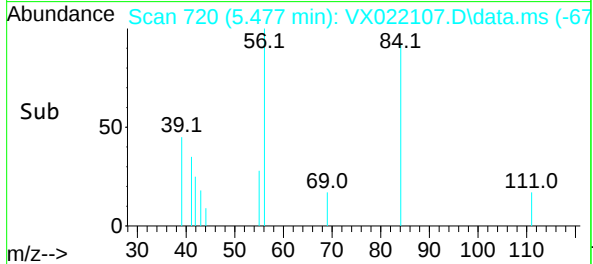




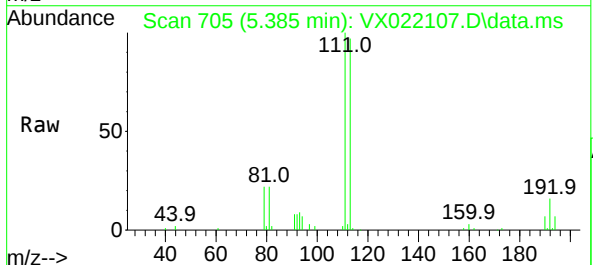
#31  
Cyclohexane  
Concen: 0.58 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



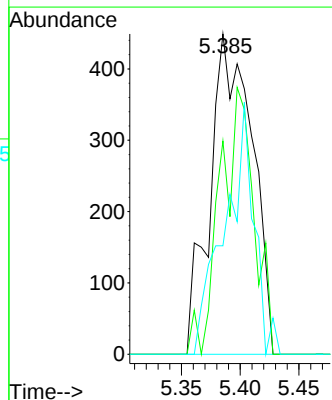
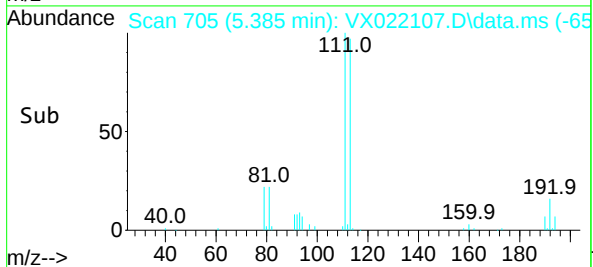
Tgt Ion: 56 Resp: 1019  
Ion Ratio Lower Upper  
56 100  
69 16.6 25.3 37.9#  
84 92.4 71.4 107.0



#32  
1,1,1-Trichloroethane  
Concen: 0.59 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



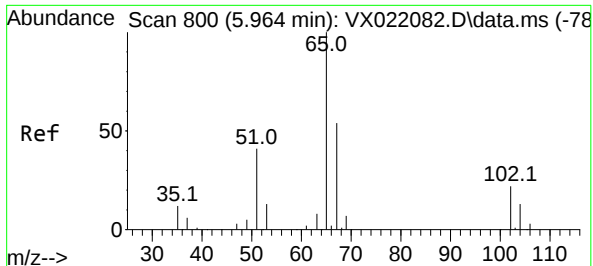
Tgt Ion: 97 Resp: 1122  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.5 77.3#  
61 54.3 34.2 51.4#



Instrument :  
MSVOA\_X  
ClientSampleId :  
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#33

1,2-Dichloroethane-d4

Concen: 51.67 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

Tgt Ion: 65 Resp: 72063

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4

Instrument :

MSVOA\_X

ClientSampleId :

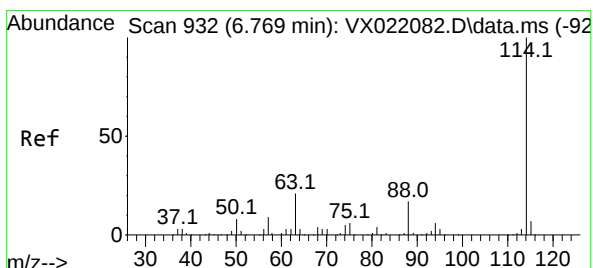
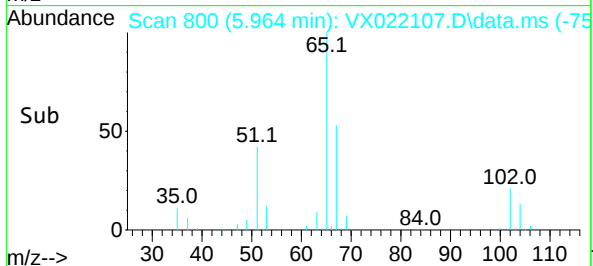
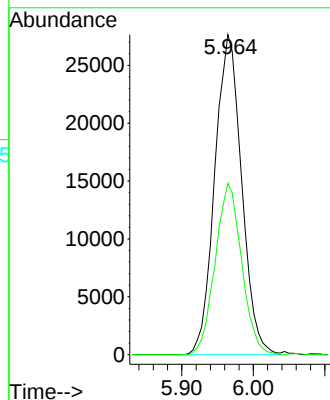
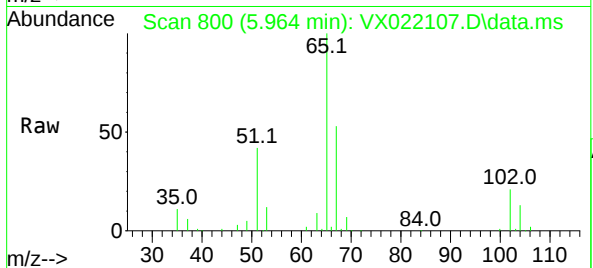
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

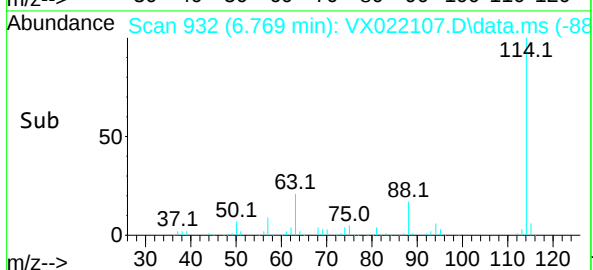
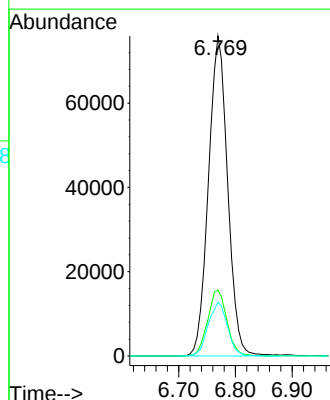
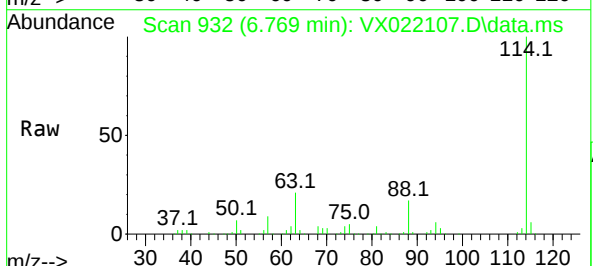
Tgt Ion: 114 Resp: 178653

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.8 0.0 32.8





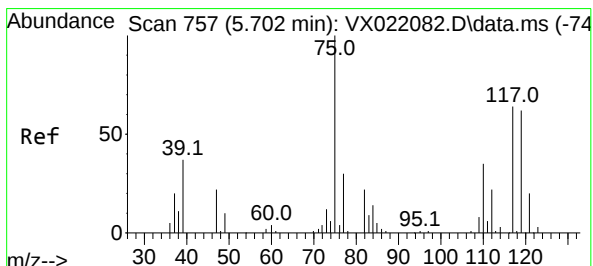
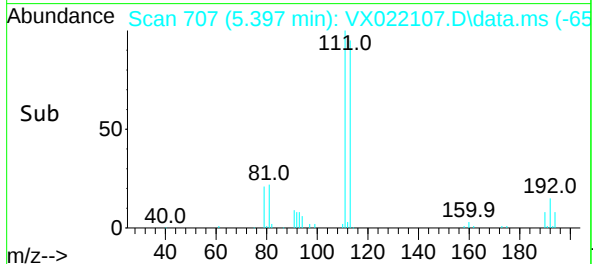
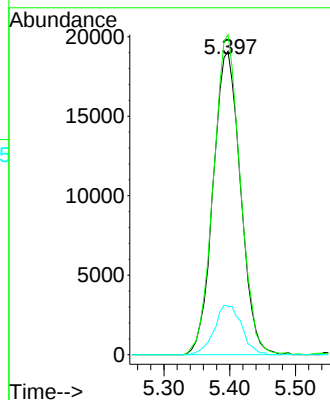
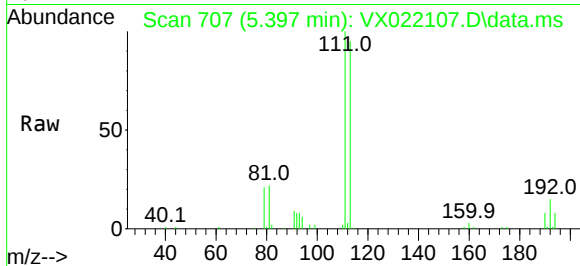
#35  
Dibromofluoromethane  
Concen: 48.71 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 113 Resp: 55181  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.9 122.9  
192 16.3 16.7 25.1#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

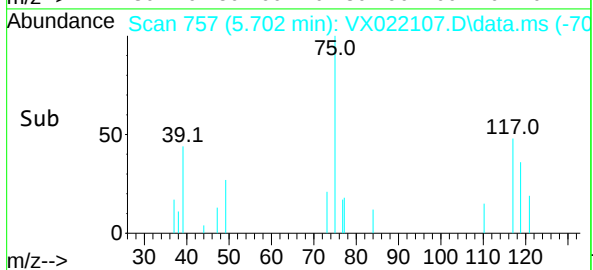
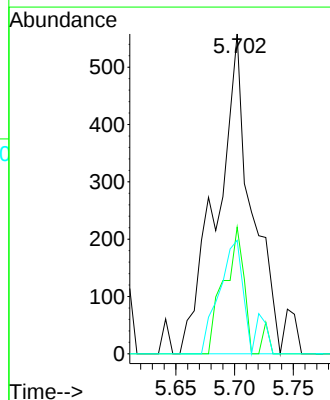
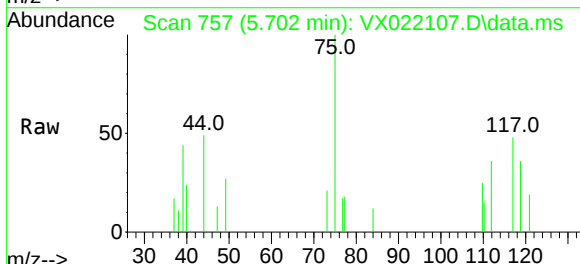
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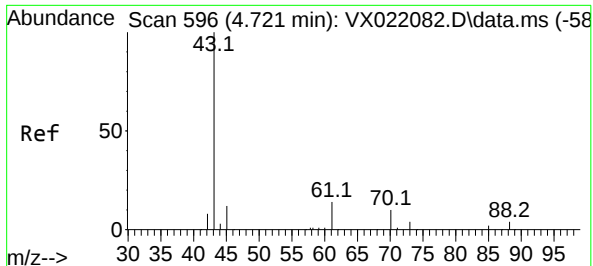
MMDadoda  
5/24/2021 3:50:18 PM



#36  
1,1-Dichloropropene  
Concen: 0.69 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 75 Resp: 1141  
Ion Ratio Lower Upper  
75 100  
110 22.6 18.1 54.4  
77 24.2 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.73 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX022107.D

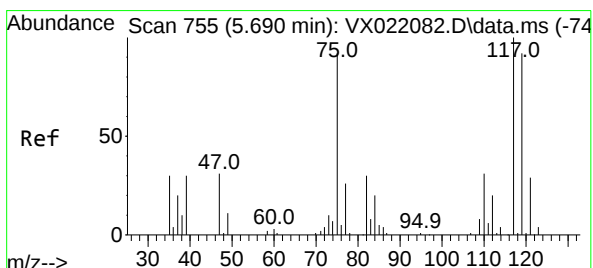
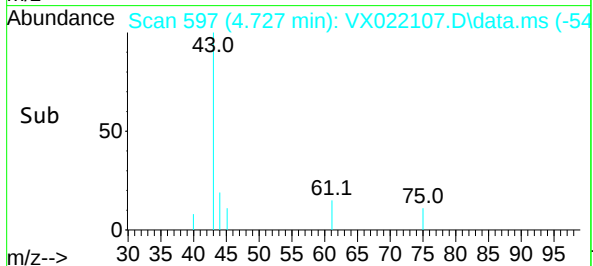
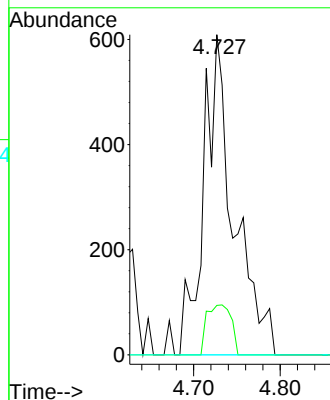
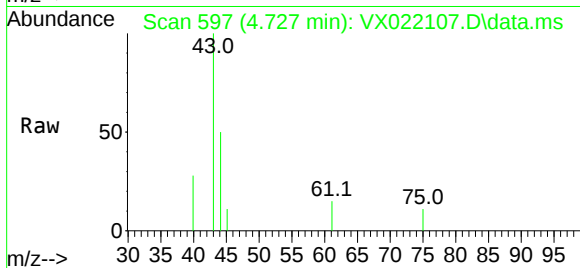
Acq: 21 May 2021 12:05

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1477  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 12.5     | 12.8 19.2#  |
| 70 0.0      | 10.5 15.7#  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 0.57 ug/l

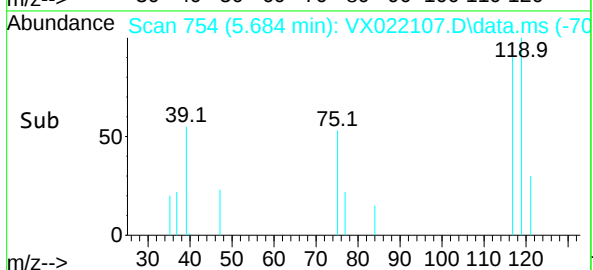
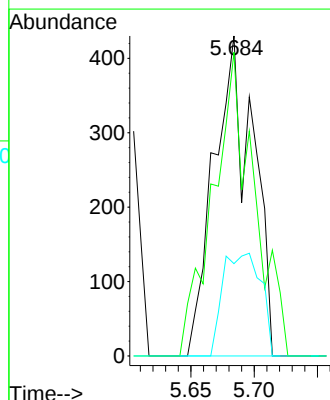
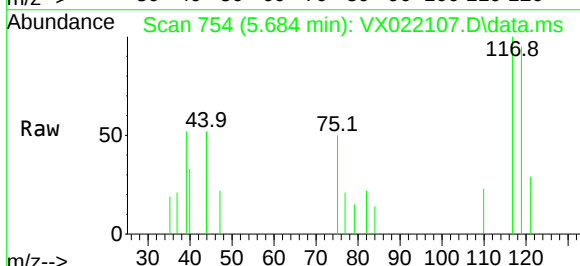
RT: 5.684 min Scan# 754

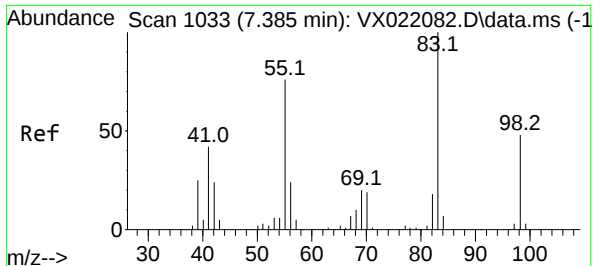
Delta R.T. -0.006 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 920   |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 94.9     | 76.2 114.2  |
| 121 28.8     | 24.8 37.2   |





#39

Methylcyclohexane

Concen: 0.62 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1161  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 72.3  | 58.9  | 88.3  |
| 98       | 23.2  | 38.1  | 57.1# |

Instrument :

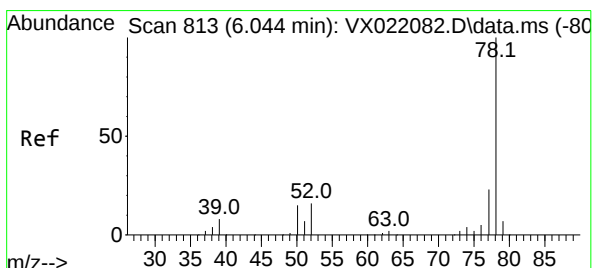
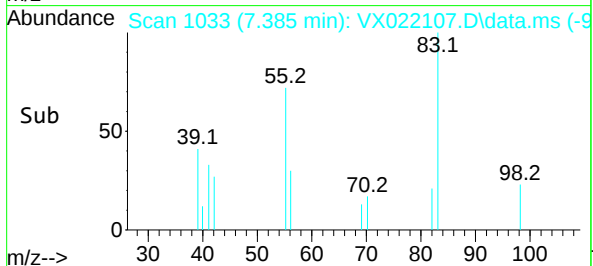
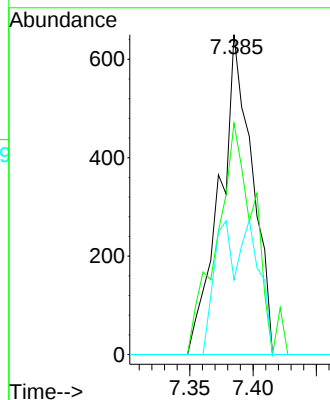
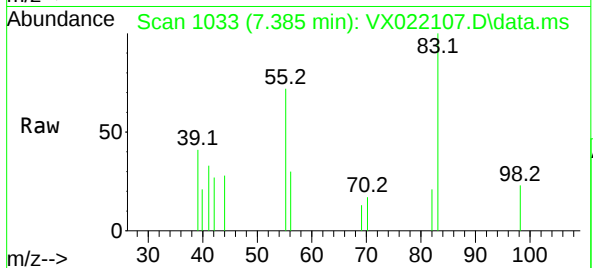
MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT2-2021

Manual Integrations  
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#40

Benzene

Concen: 0.58 ug/l

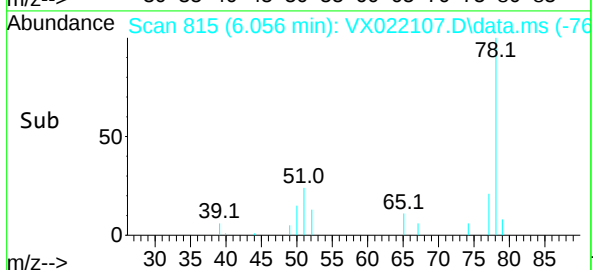
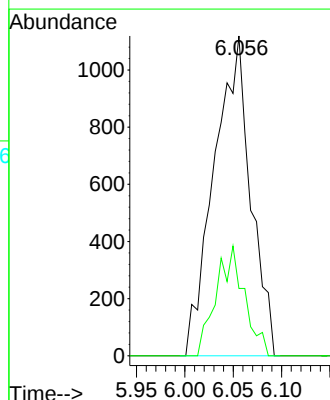
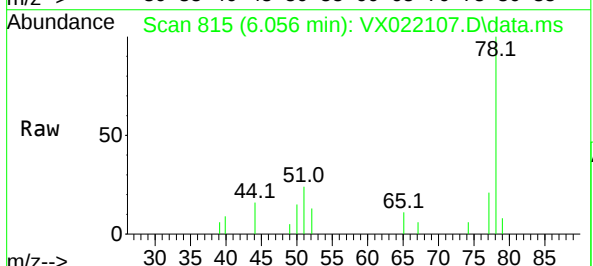
RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX022107.D

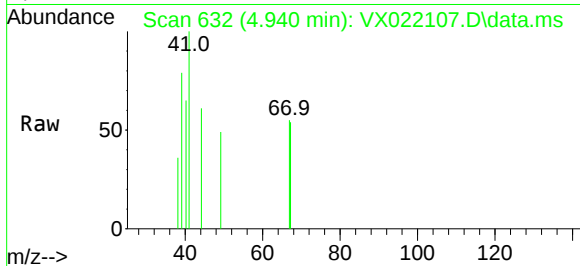
Acq: 21 May 2021 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 2938  |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 21.1  | 18.9  | 28.3  |

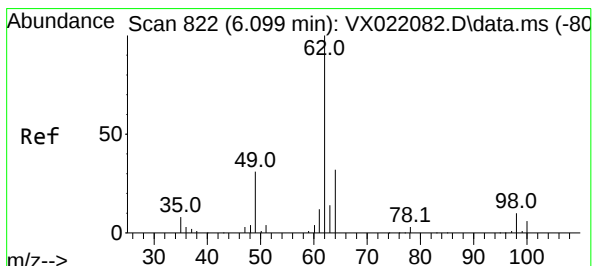
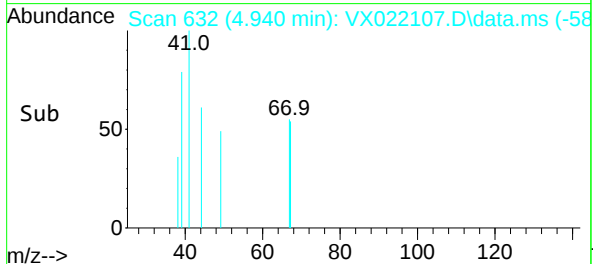
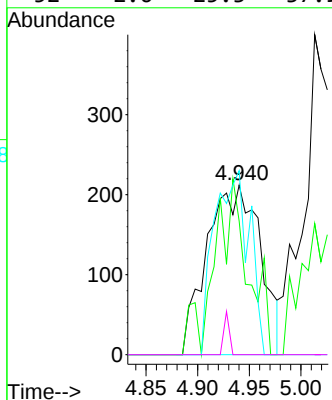




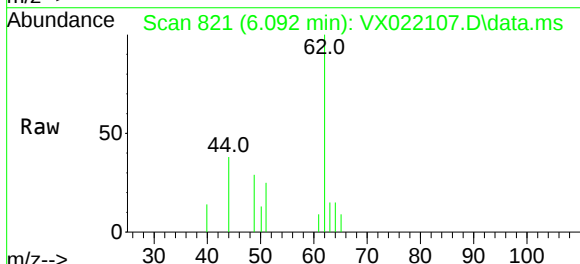
#41  
Methacrylonitrile  
Concen: 0.70 ug/l m  
RT: 4.940 min Scan# 632  
Delta R.T. 0.012 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



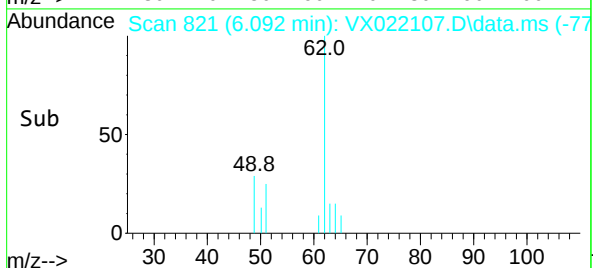
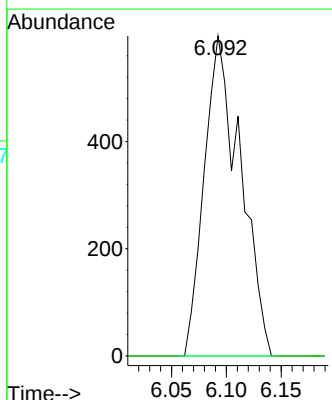
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 762   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.8  | 42.5  | 63.7  |
| 67       | 71.5  | 65.0  | 97.6  |
| 52       | 2.6   | 25.3  | 37.9# |



#42  
1,2-Dichloroethane  
Concen: 0.77 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.007 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



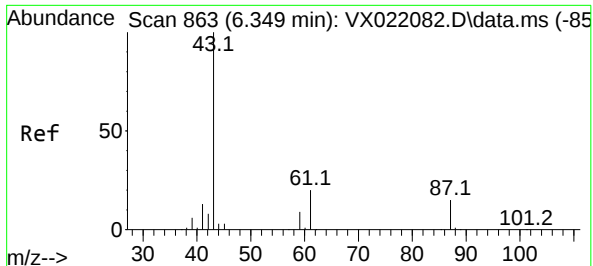
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 1365  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 0.0   | 20.2  |



Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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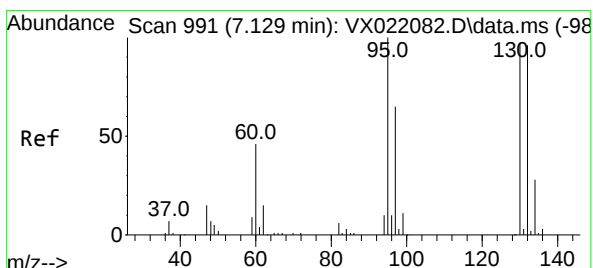
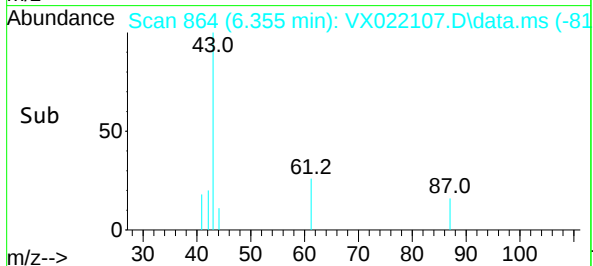
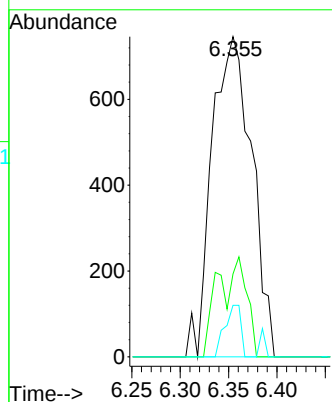
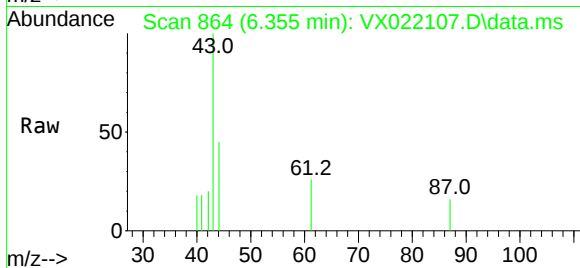
#43  
Isopropyl Acetate  
Concen: 0.65 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 2139  
Ion Ratio Lower Upper  
43 100  
61 12.1 18.2 27.4#  
87 6.4 12.5 18.7#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

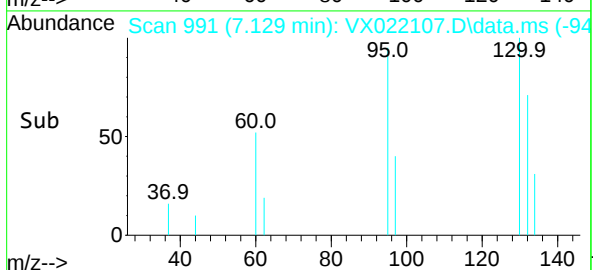
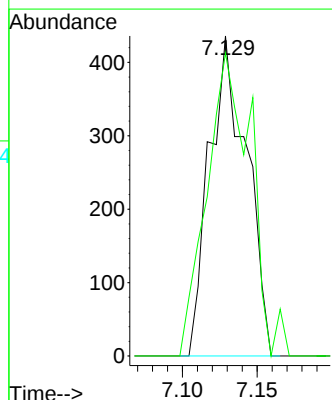
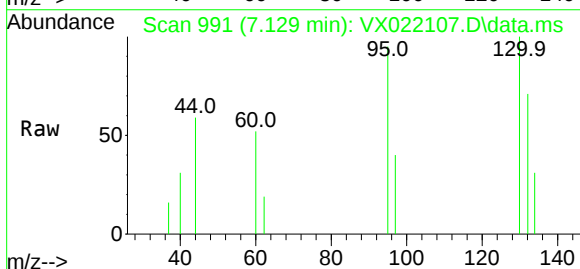
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#44  
Trichloroethene  
Concen: 0.60 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 130 Resp: 755  
Ion Ratio Lower Upper  
130 100  
95 94.7 0.0 198.0





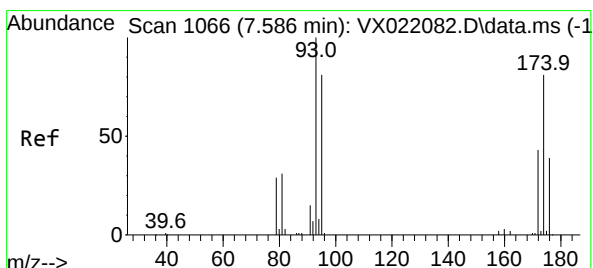
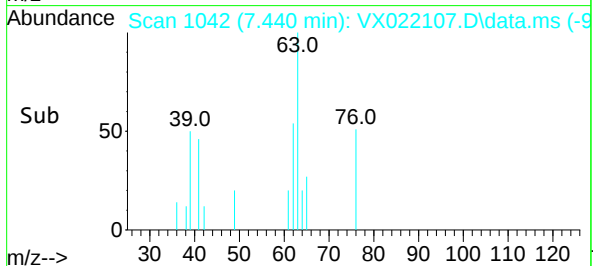
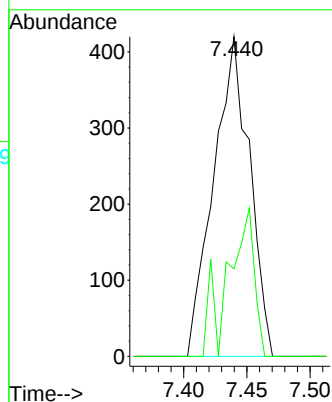
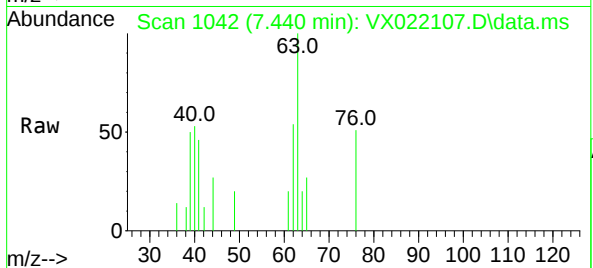
#45  
1,2-Dichloropropane  
Concen: 0.64 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 63 Resp: 829  
Ion Ratio Lower Upper  
63 100  
65 27.4 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
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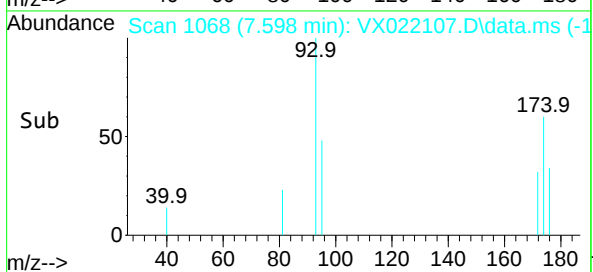
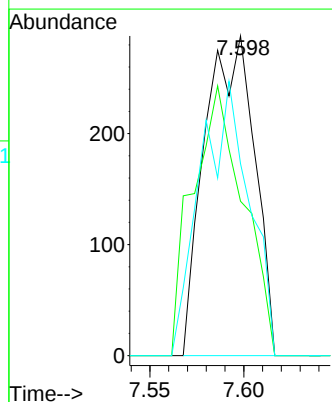
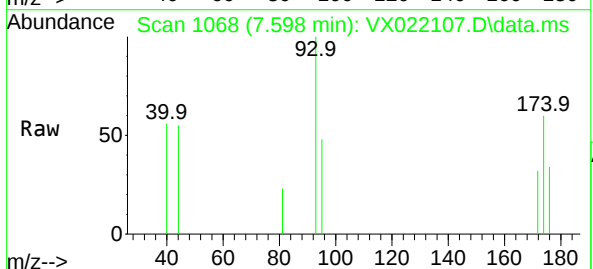
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#46  
Dibromomethane  
Concen: 0.60 ug/l m  
RT: 7.598 min Scan# 1068  
Delta R.T. 0.012 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 93 Resp: 530  
Ion Ratio Lower Upper  
93 100  
95 86.0 66.8 100.2  
174 84.2 83.1 124.7





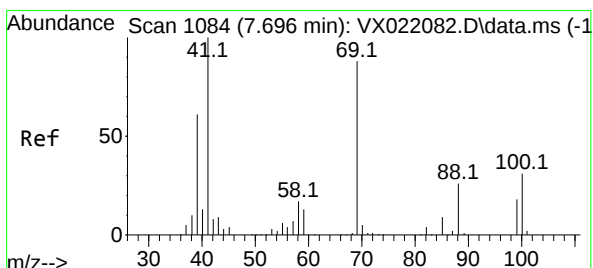
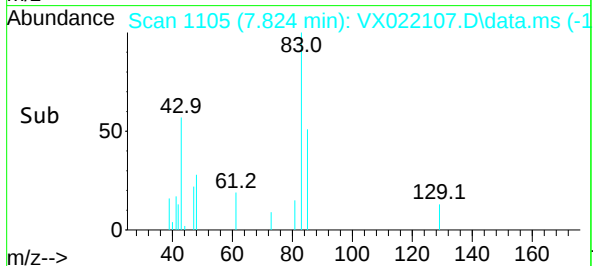
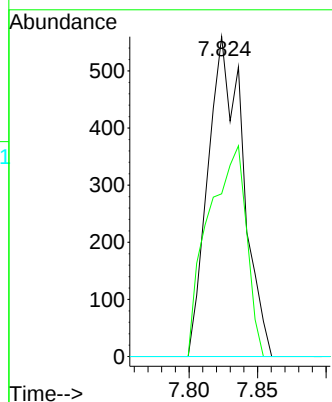
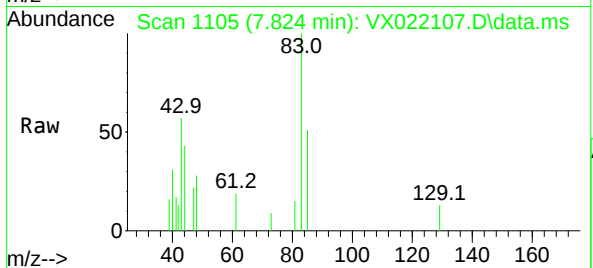
#47  
Bromodichloromethane  
Concen: 0.56 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 83 Resp: 993  
Ion Ratio Lower Upper  
83 100  
85 50.9 51.4 77.0#  
127 0.0 6.8 10.2#

Instrument :  
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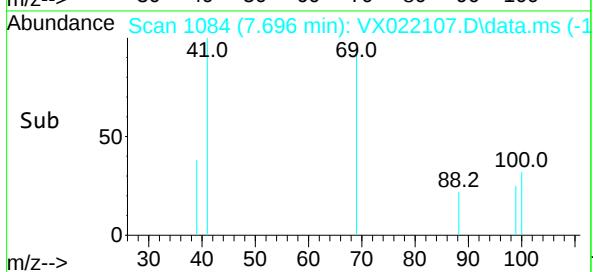
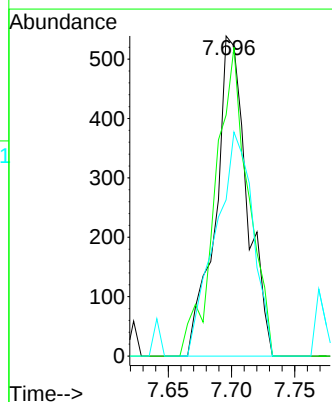
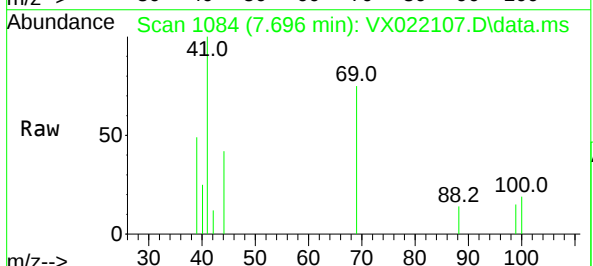
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#48  
Methyl methacrylate  
Concen: 0.61 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 41 Resp: 934  
Ion Ratio Lower Upper  
41 100  
69 101.1 76.0 114.0  
39 83.1 44.6 67.0#





#49

1,4-Dioxane

Concen: 15.38 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 457   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 14.4  | 23.2  | 34.8# |
| 58       | 47.5  | 55.0  | 82.4# |

Instrument :

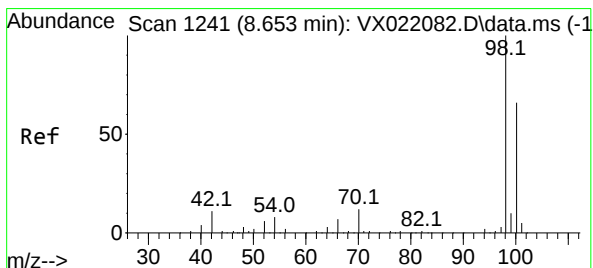
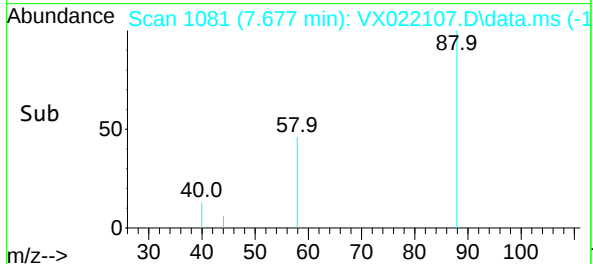
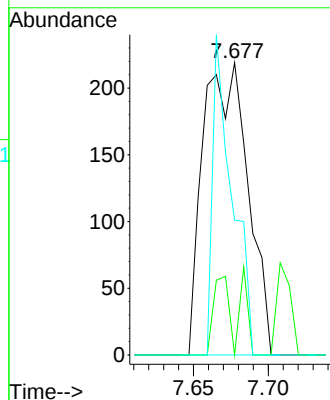
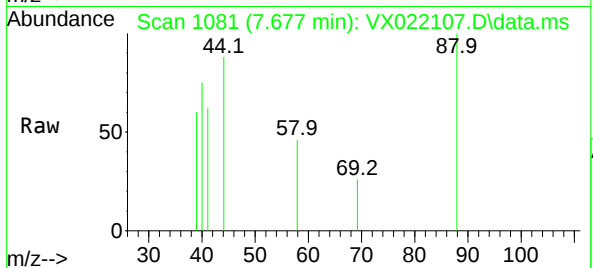
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#50

Toluene-d8

Concen: 48.37 ug/l

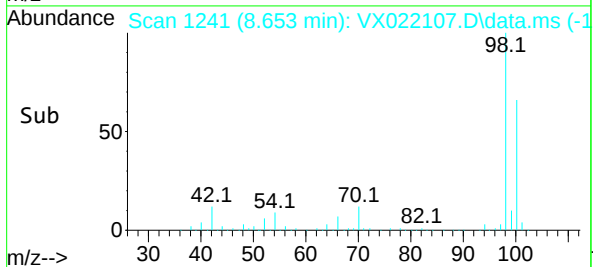
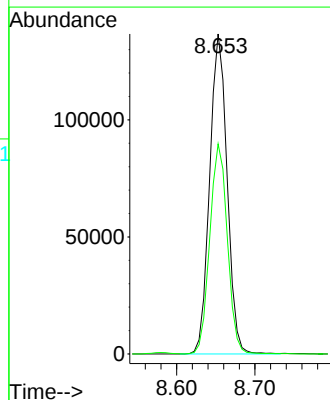
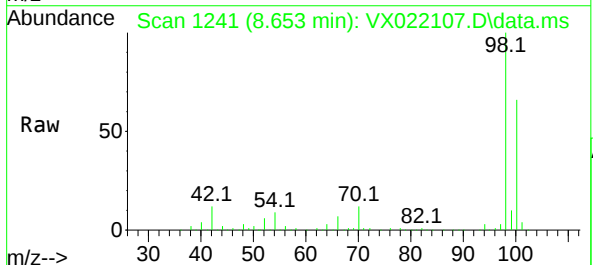
RT: 8.653 min Scan# 1241

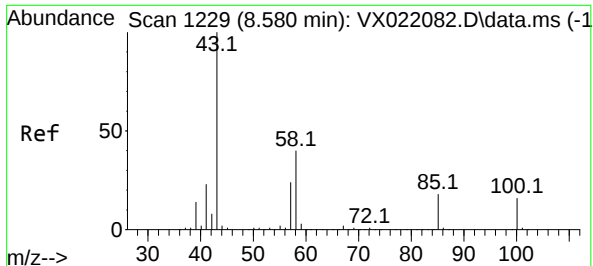
Delta R.T. -0.000 min

Lab File: VX022107.D

Acq: 21 May 2021 12:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 211077 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.2  | 51.9  | 77.9   |





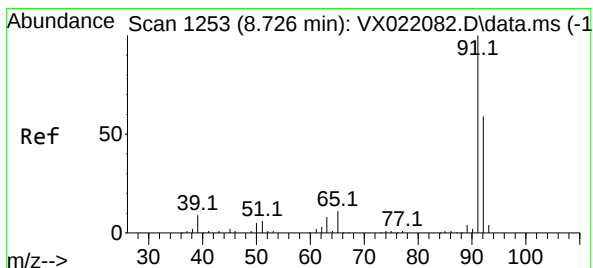
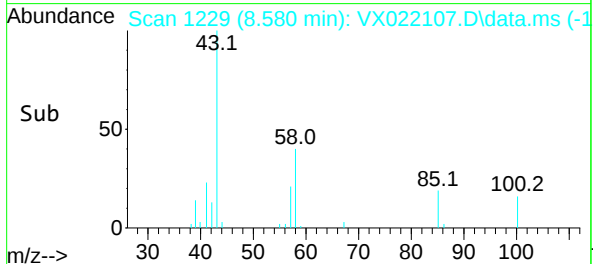
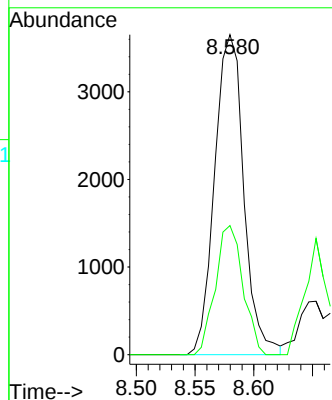
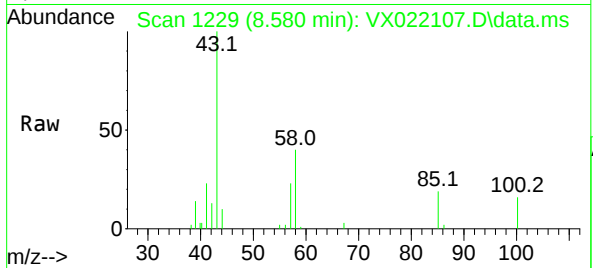
#51  
4-Methyl-2-Pentanone  
Concen: 3.17 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 6298  
Ion Ratio Lower Upper  
43 100  
58 38.2 35.4 53.0

Instrument :  
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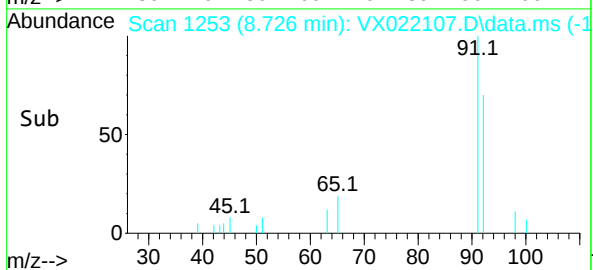
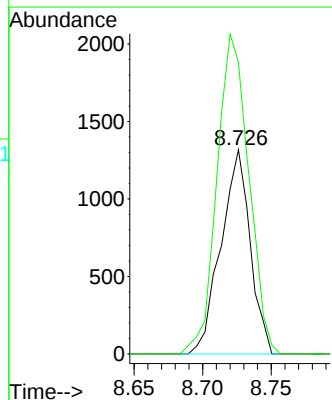
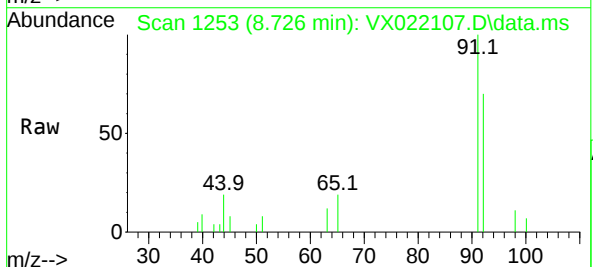
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#52  
Toluene  
Concen: 0.61 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 92 Resp: 1956  
Ion Ratio Lower Upper  
92 100  
91 170.2 137.1 205.7





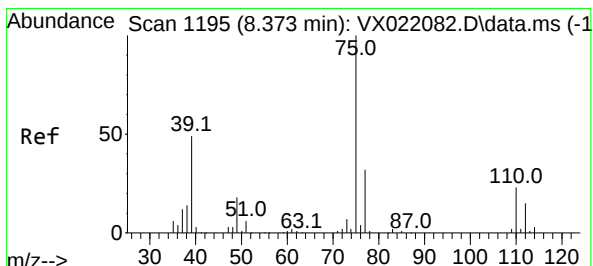
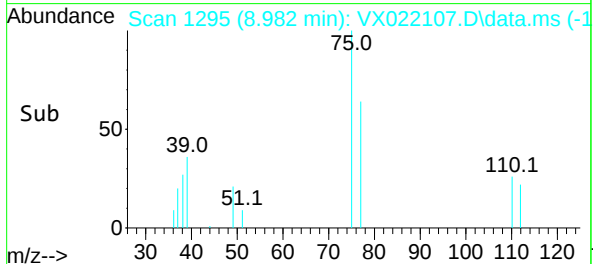
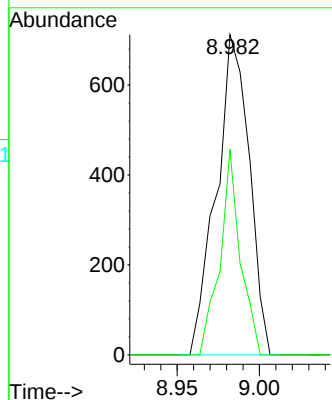
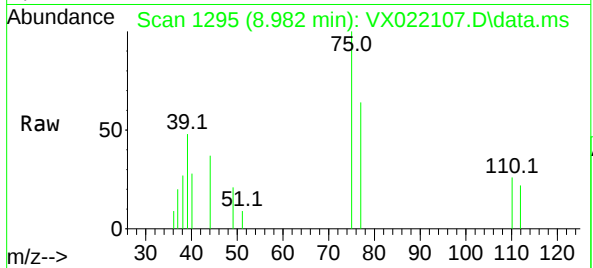
#53  
 t-1,3-Dichloropropene  
 Concen: 0.49 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 75 Resp: 988  
 Ion Ratio Lower Upper  
 75 100  
 77 64.2 24.9 37.3#

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

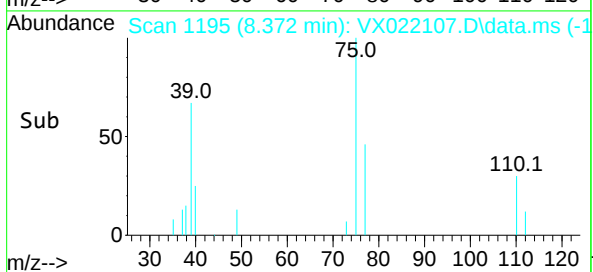
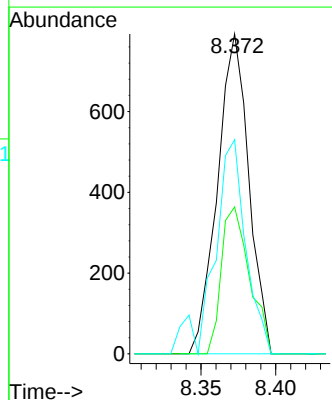
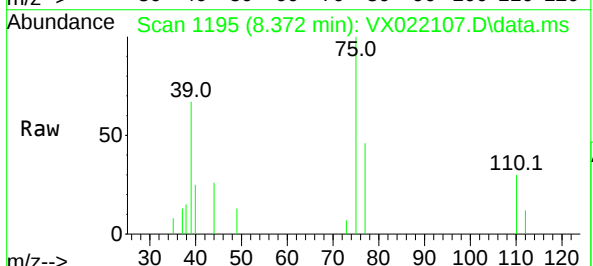
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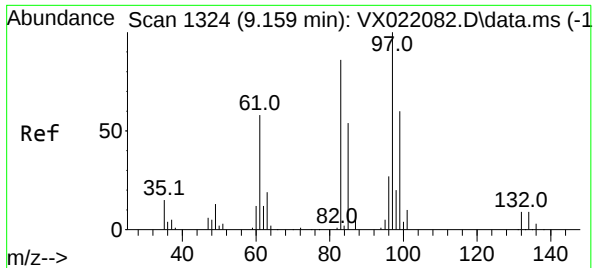
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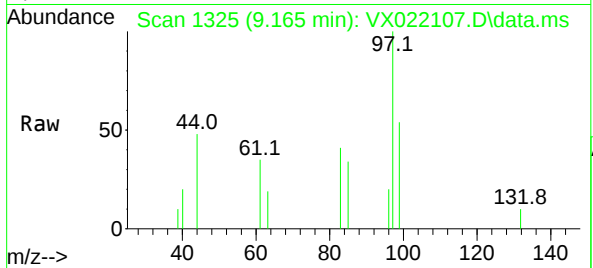
#54  
 cis-1,3-Dichloropropene  
 Concen: 0.53 ug/l  
 RT: 8.372 min Scan# 1195  
 Delta R.T. -0.001 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion: 75 Resp: 1155  
 Ion Ratio Lower Upper  
 75 100  
 77 46.0 25.7 38.5#  
 39 66.9 35.1 52.7#

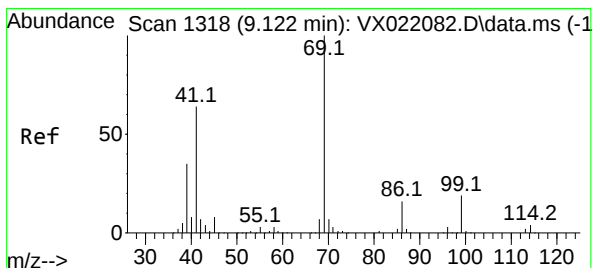
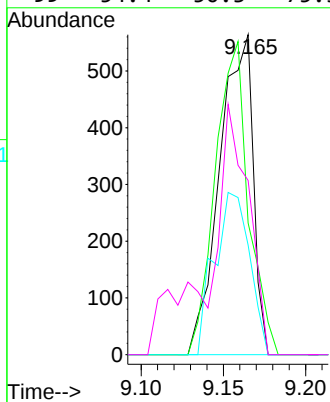
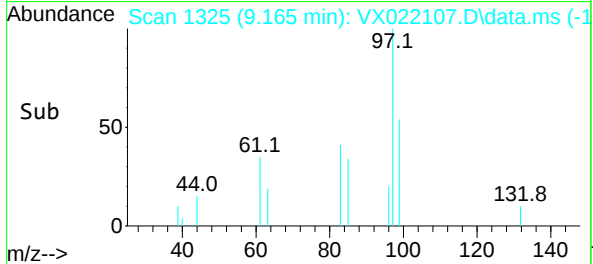




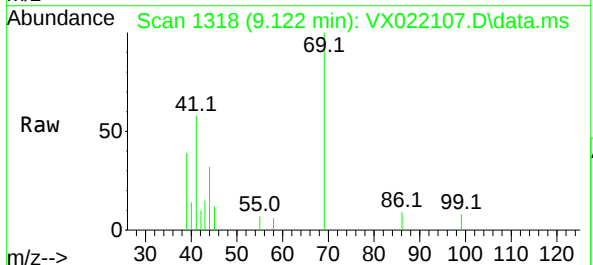
#55  
1,1,2-Trichloroethane  
Concen: 0.61 ug/l  
RT: 9.165 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



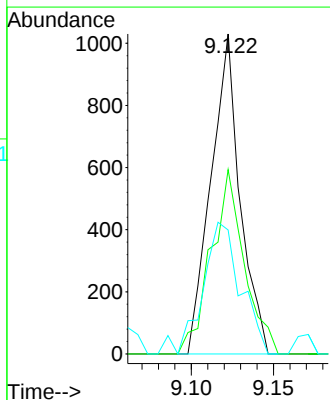
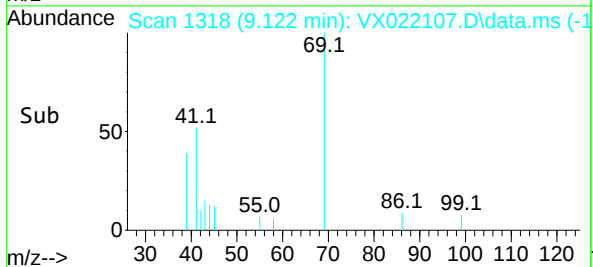
Tgt Ion: 97 Resp: 796  
Ion Ratio Lower Upper  
97 100  
83 41.1 69.3 103.9#  
85 34.2 44.3 66.5#  
99 54.4 50.3 75.5



#56  
Ethyl methacrylate  
Concen: 0.60 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



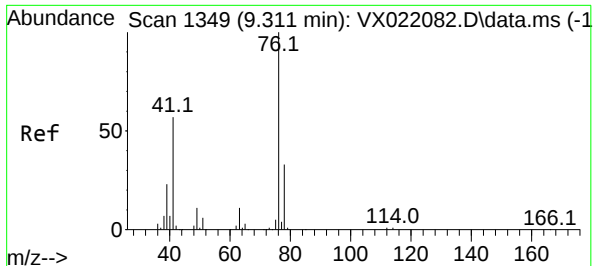
Tgt Ion: 69 Resp: 1267  
Ion Ratio Lower Upper  
69 100  
41 65.4 46.8 70.2  
39 53.9 24.7 37.1#



Instrument :  
MSVOA\_X  
ClientSampleId :  
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#57

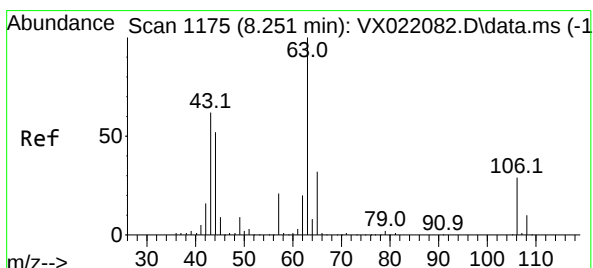
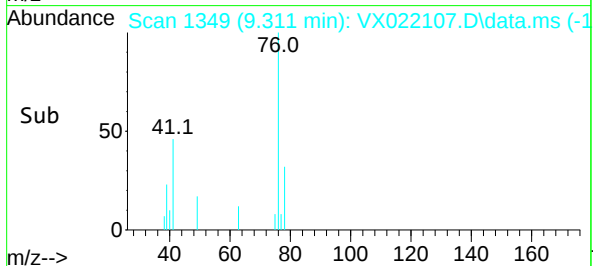
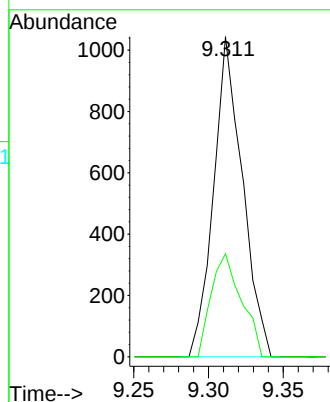
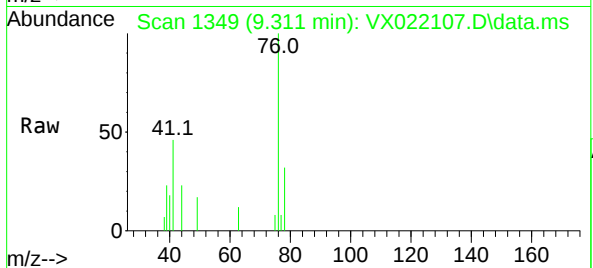
1,3-Dichloropropane  
Concen: 0.63 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 76 Resp: 1399  
Ion Ratio Lower Upper  
76 100  
78 33.7 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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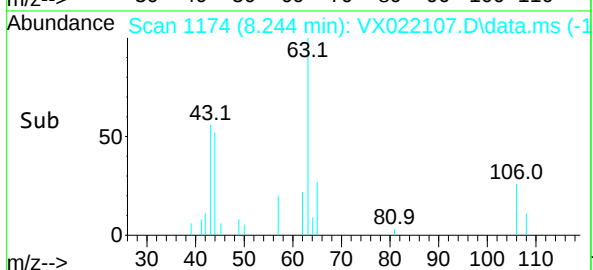
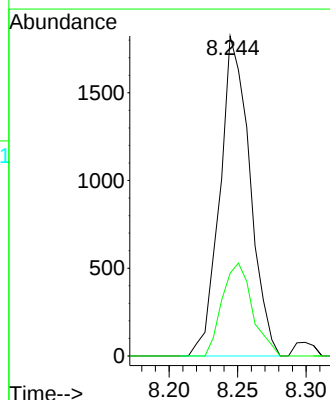
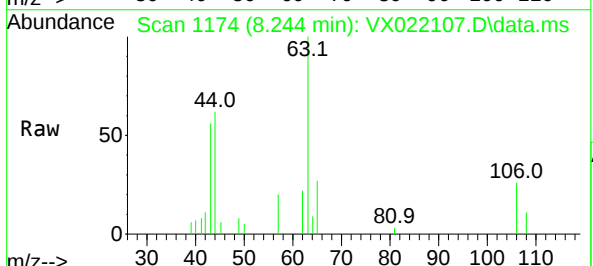
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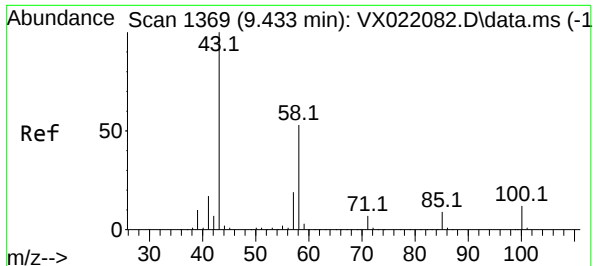


#58

2-Chloroethyl Vinyl ether  
Concen: 2.43 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.007 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 63 Resp: 2772  
Ion Ratio Lower Upper  
63 100  
106 29.2 23.5 35.3





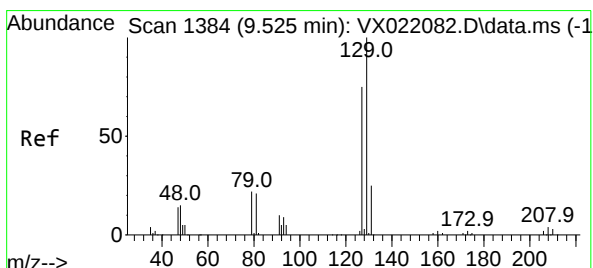
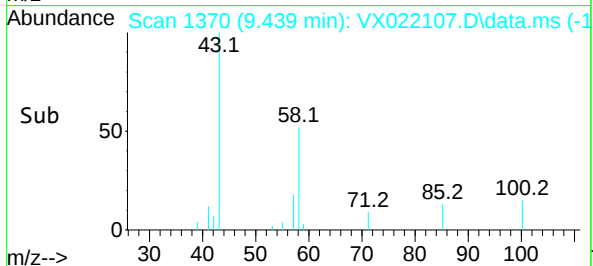
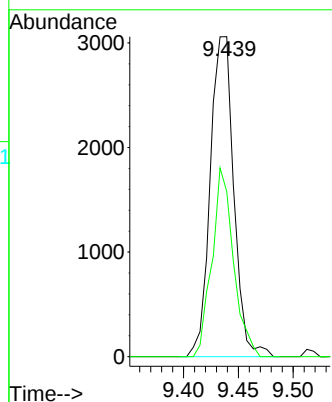
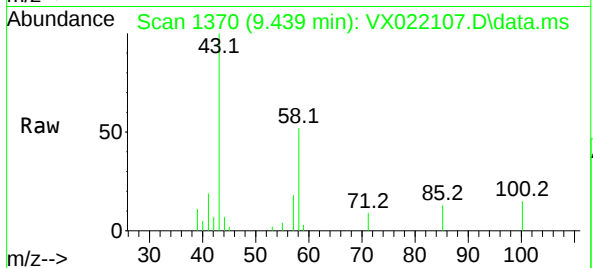
#59  
2-Hexanone  
Concen: 3.07 ug/l  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 4575  
Ion Ratio Lower Upper  
43 100  
58 53.9 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

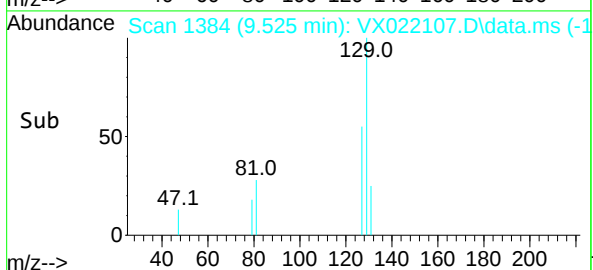
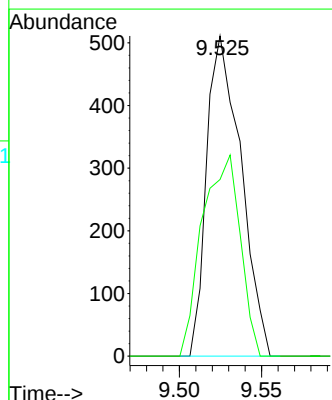
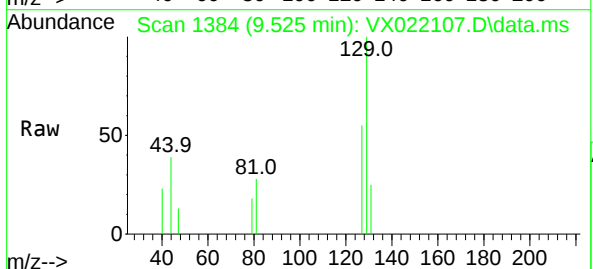
Manual Integrations  
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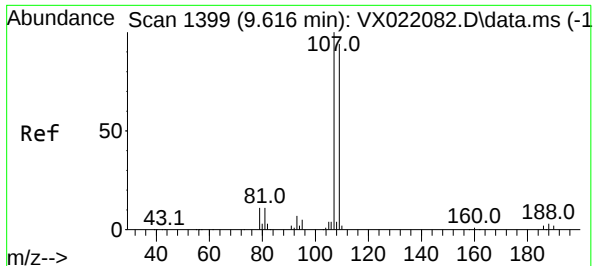
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#60  
Dibromochloromethane  
Concen: 0.58 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 129 Resp: 739  
Ion Ratio Lower Upper  
129 100  
127 69.4 38.4 115.2





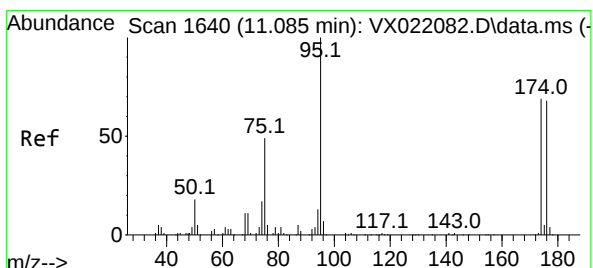
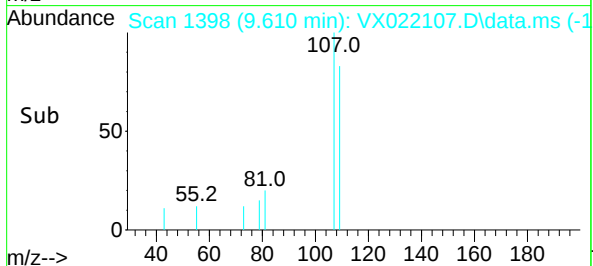
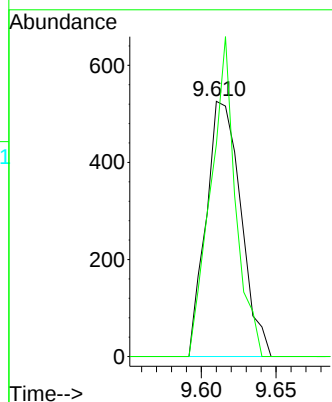
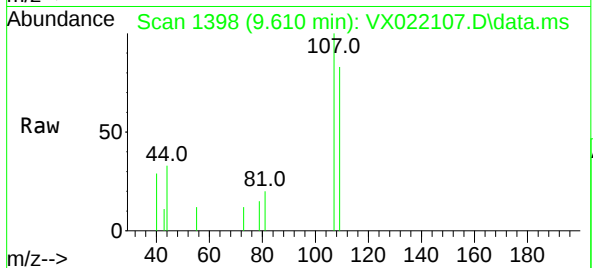
#61  
1,2-Dibromoethane  
Concen: 0.65 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 107 Resp: 850  
Ion Ratio Lower Upper  
107 100  
109 89.8 75.8 113.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

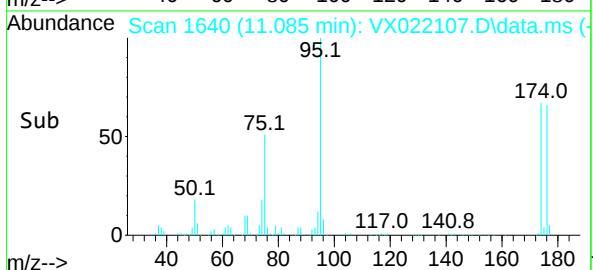
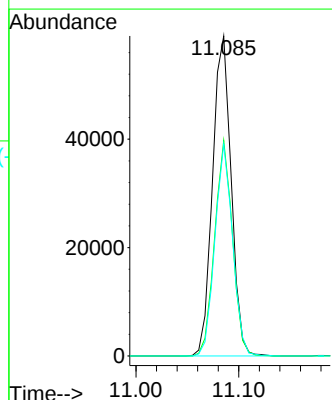
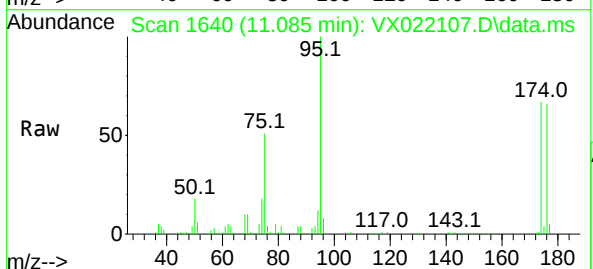
Manual Integrations  
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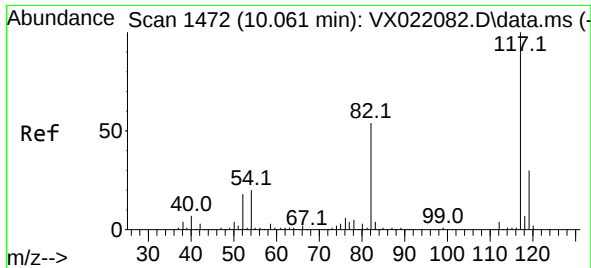
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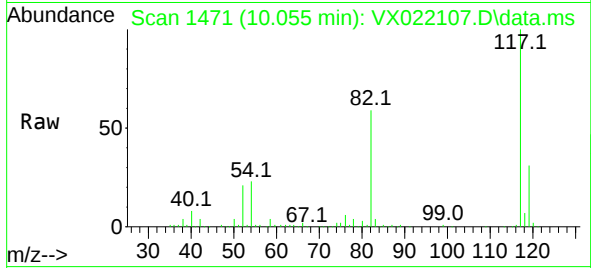
#62  
4-Bromofluorobenzene  
Concen: 45.95 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 95 Resp: 74117  
Ion Ratio Lower Upper  
95 100  
174 64.5 0.0 154.6  
176 62.8 0.0 155.8

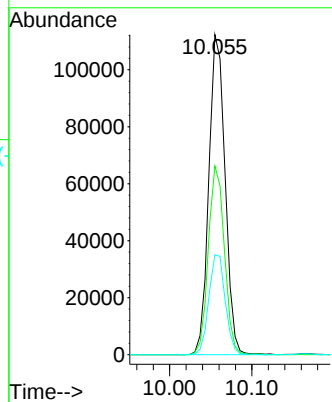
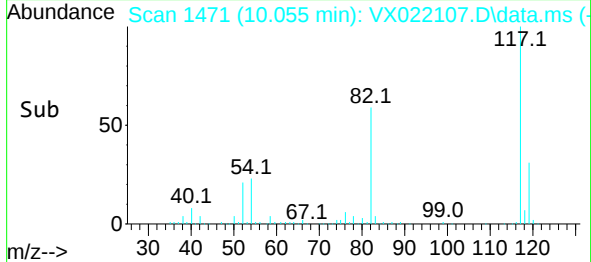




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



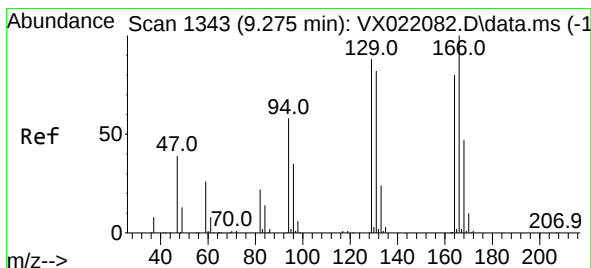
Tgt Ion:117 Resp: 154131  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.4 71.2  
119 31.2 26.6 39.8



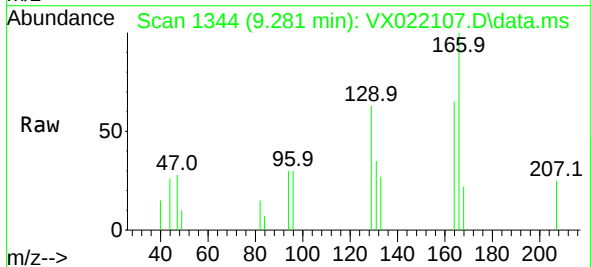
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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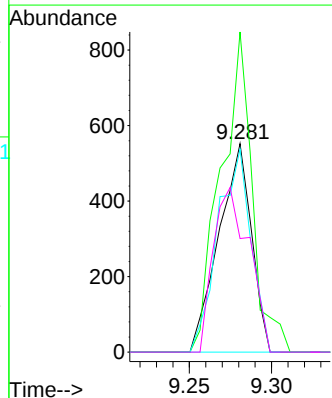
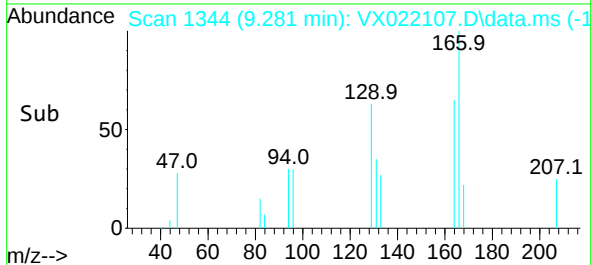
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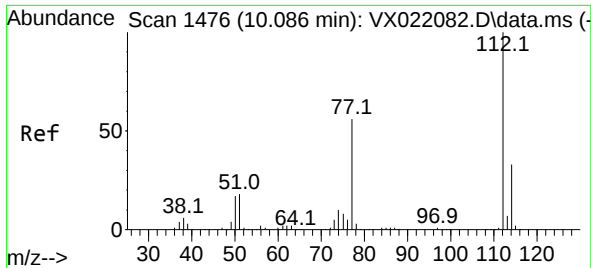


#64  
Tetrachloroethene  
Concen: 0.75 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



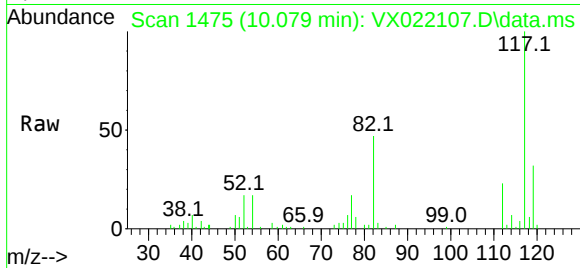
Tgt Ion:164 Resp: 759  
Ion Ratio Lower Upper  
164 100  
166 153.6 103.4 155.2  
129 97.5 70.8 106.2  
131 54.5 72.5 108.7#





#65  
Chlorobenzene  
Concen: 0.63 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.007 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

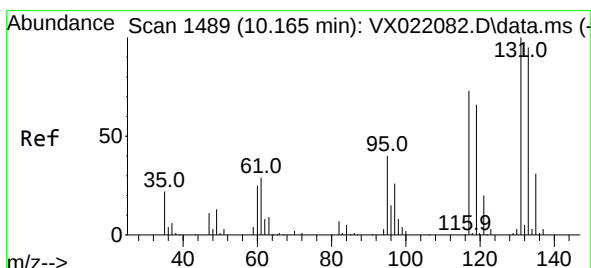
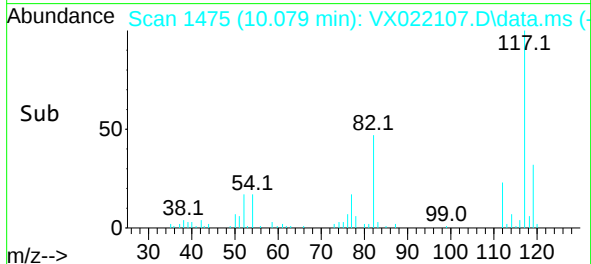
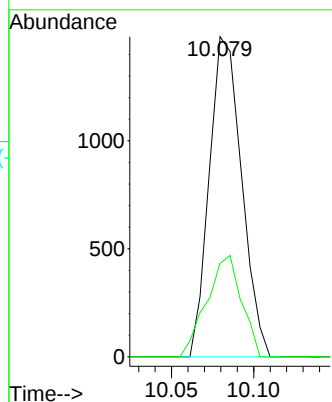
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021



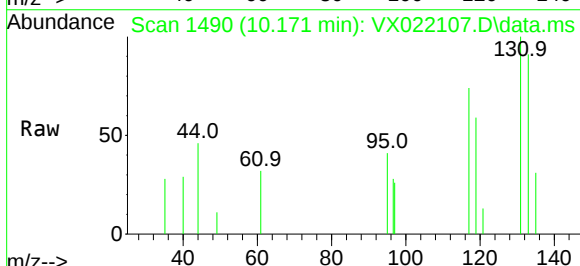
Tgt Ion:112 Resp: 2026  
Ion Ratio Lower Upper  
112 100  
114 29.1 25.8 38.6

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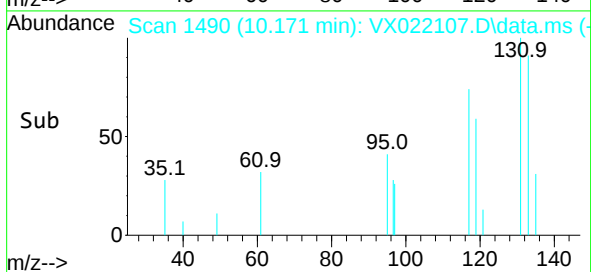
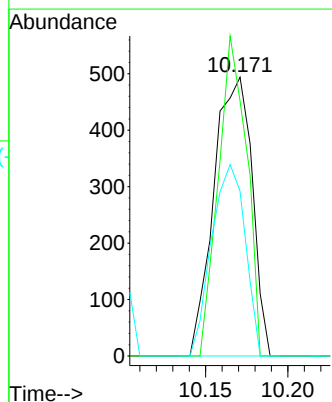
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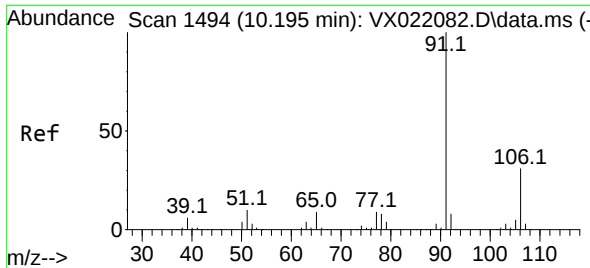


#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.71 ug/l  
RT: 10.171 min Scan# 1490  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



Tgt Ion:131 Resp: 795  
Ion Ratio Lower Upper  
131 100  
133 84.9 47.7 143.1  
119 0.0 32.1 96.5#





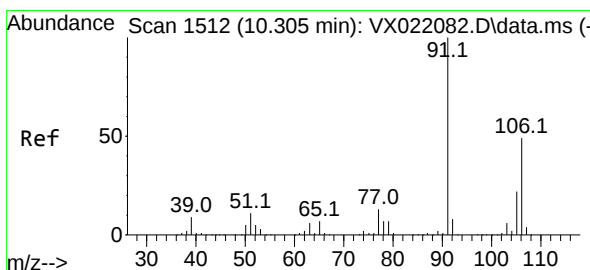
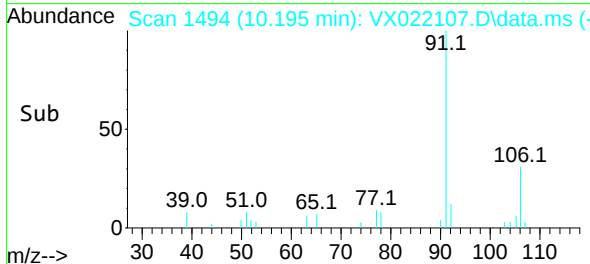
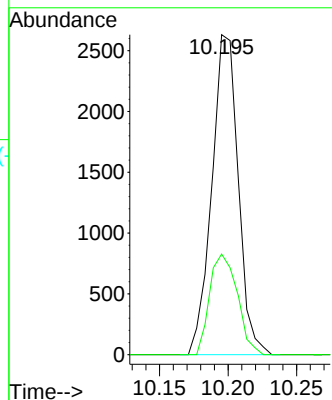
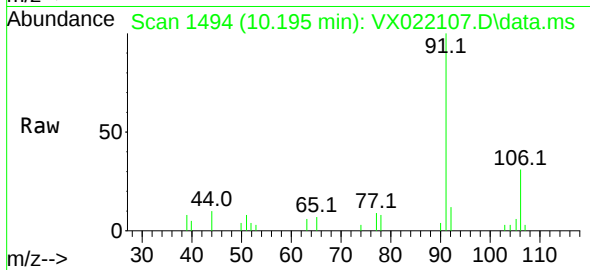
#67  
Ethyl Benzene  
Concen: 0.60 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

Tgt Ion: 91 Resp: 3528  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.6 37.0

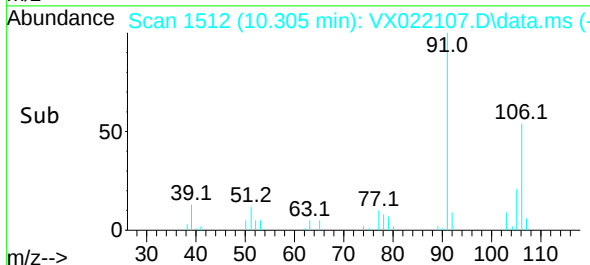
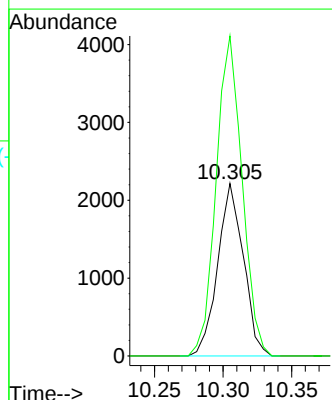
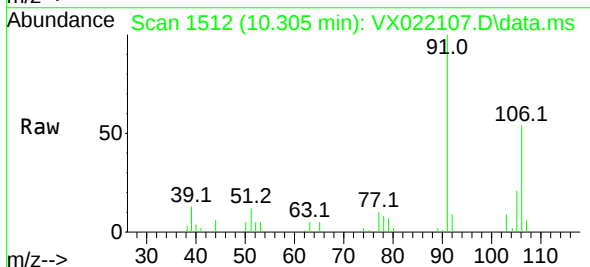
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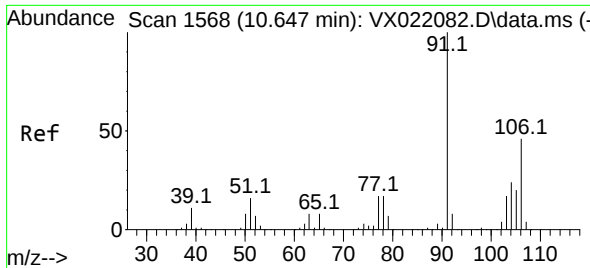
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#68  
m/p-Xylenes  
Concen: 1.29 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 106 Resp: 2888  
Ion Ratio Lower Upper  
106 100  
91 187.4 162.8 244.2





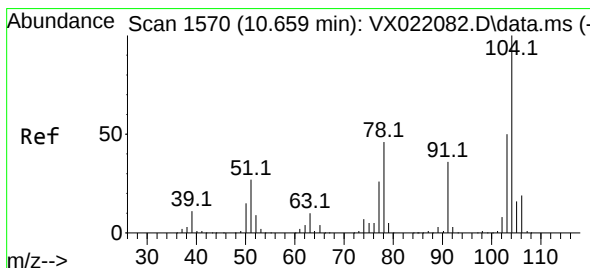
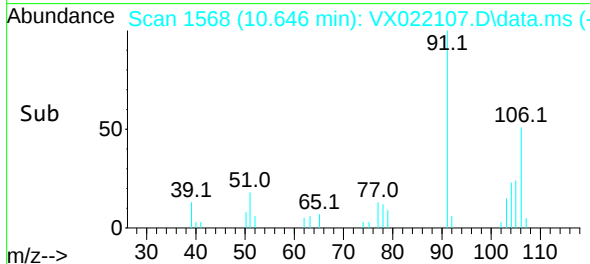
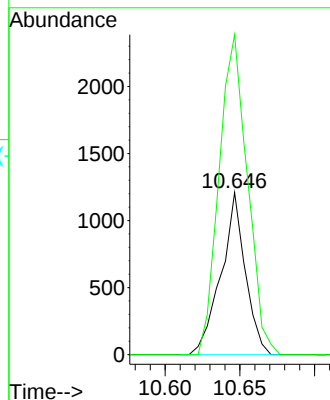
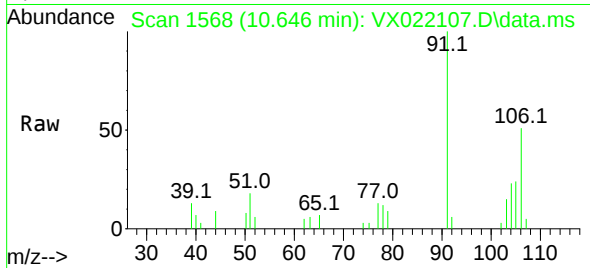
#69  
o-Xylene  
Concen: 0.63 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion:106 Resp: 1369  
Ion Ratio Lower Upper  
106 100  
91 229.3 108.1 324.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

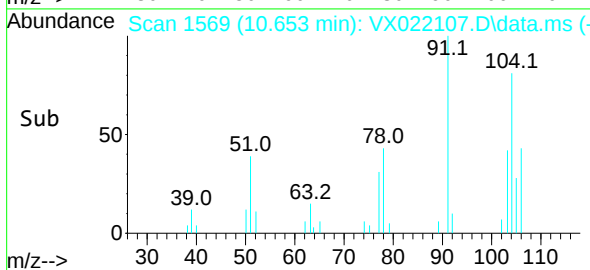
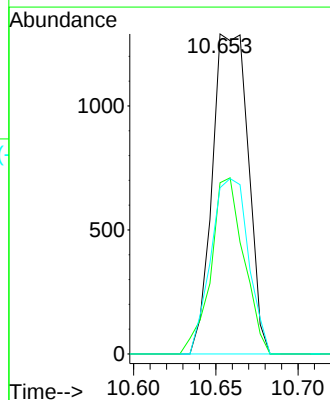
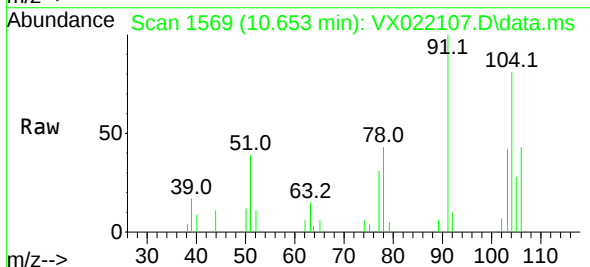
Manual Integrations  
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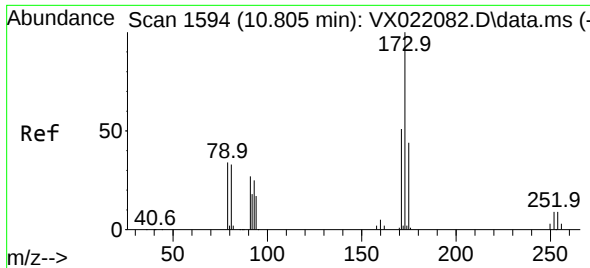
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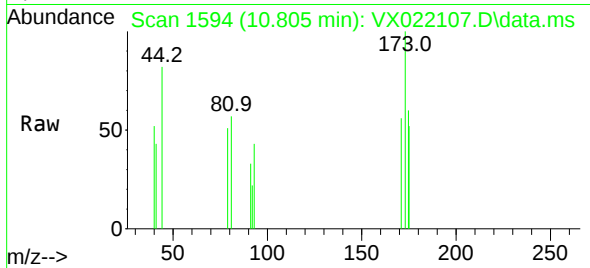
#70  
Styrene  
Concen: 0.55 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion:104 Resp: 1954  
Ion Ratio Lower Upper  
104 100  
78 50.5 40.0 60.0  
103 57.3 43.4 65.0

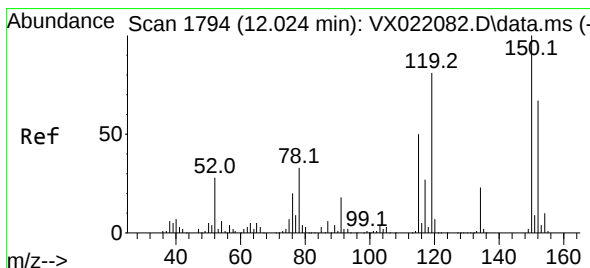
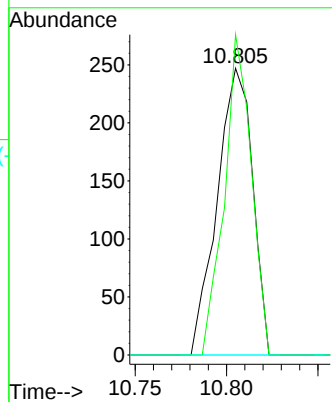
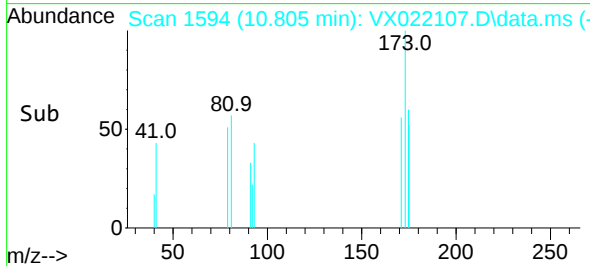




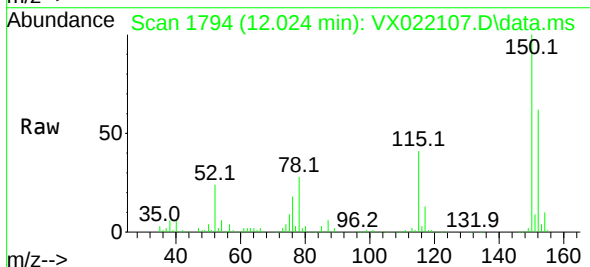
#71  
Bromoform  
Concen: 0.43 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



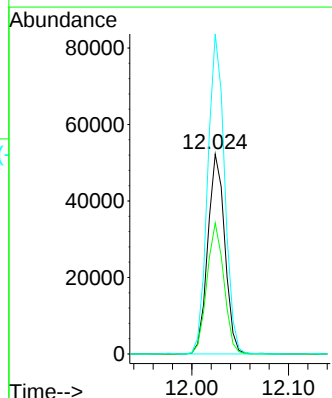
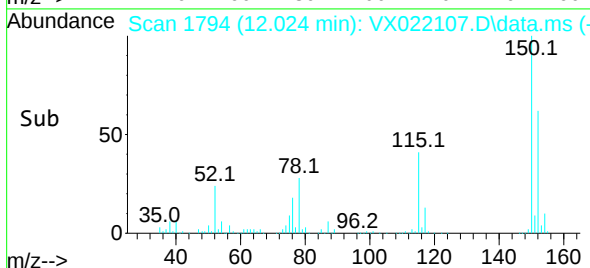
Tgt Ion:173 Resp: 333  
Ion Ratio Lower Upper  
173 100  
175 85.0 23.9 71.8#  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



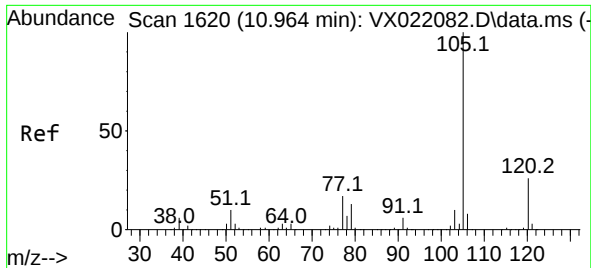
Tgt Ion:152 Resp: 63974  
Ion Ratio Lower Upper  
152 100  
115 65.3 41.1 123.3  
150 159.0 0.0 349.0



Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

Manual Integrations  
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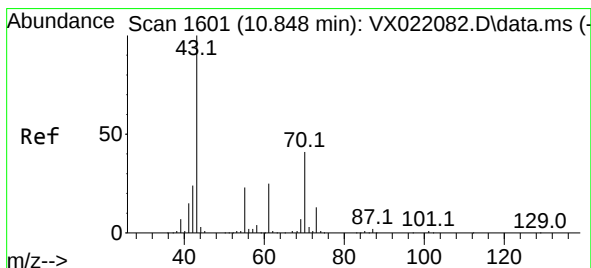
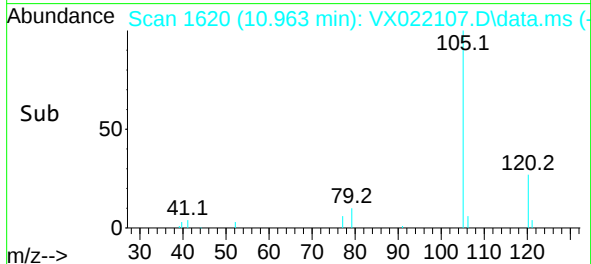
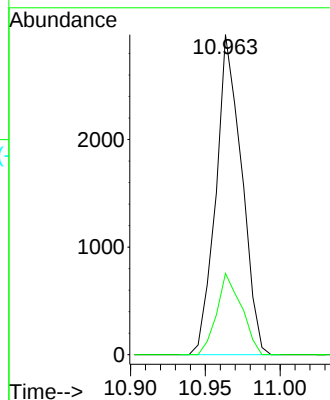
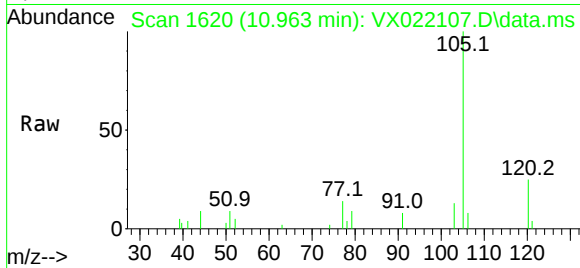
#73  
Isopropylbenzene  
Concen: 0.66 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 105 Resp: 3555  
Ion Ratio Lower Upper  
105 100  
120 24.4 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

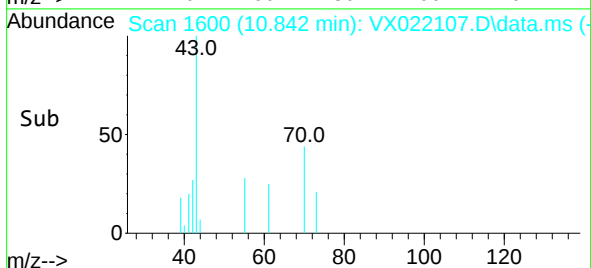
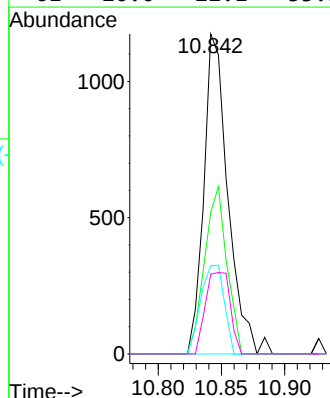
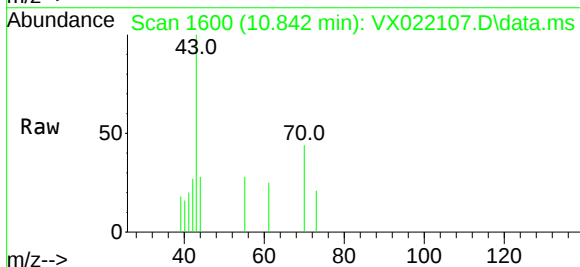
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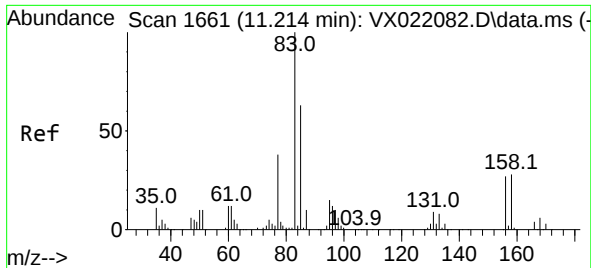
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#74  
N-ethyl acetate  
Concen: 0.61 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 43 Resp: 1561  
Ion Ratio Lower Upper  
43 100  
70 48.0 39.0 58.6  
55 26.9 21.5 32.3  
61 26.0 22.1 33.1





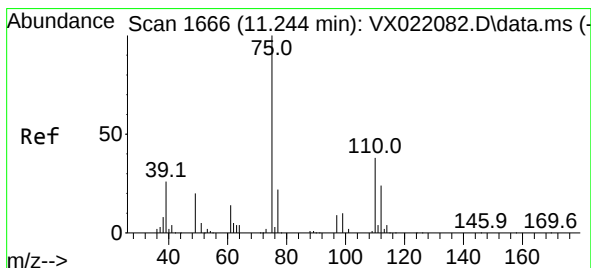
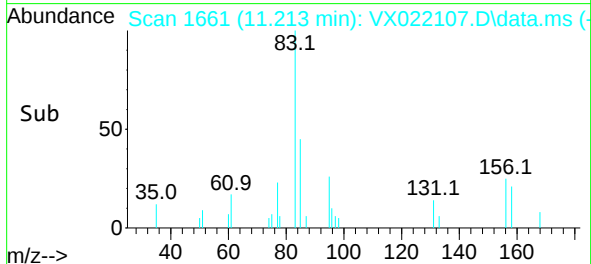
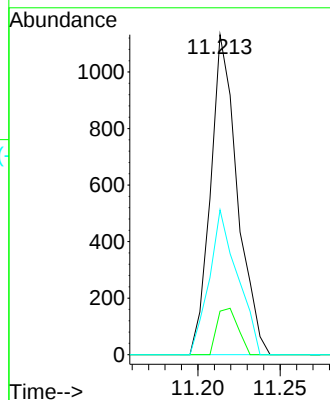
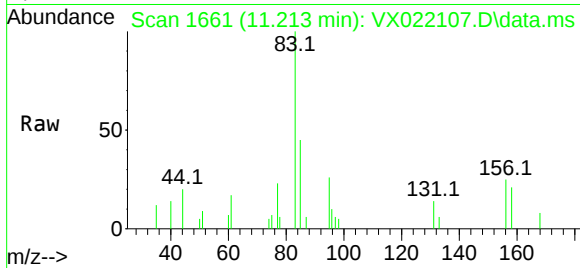
#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.71 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 83 Resp: 1283  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.1 15.2  
85 47.6 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

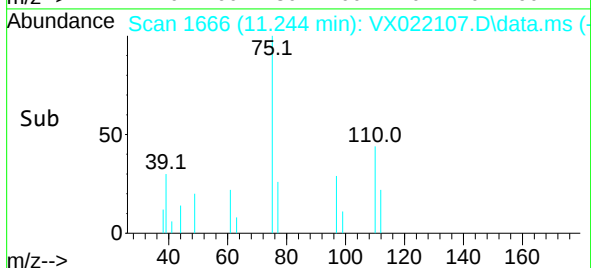
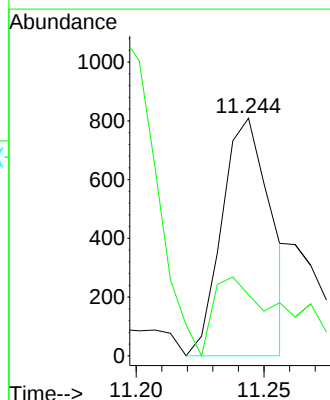
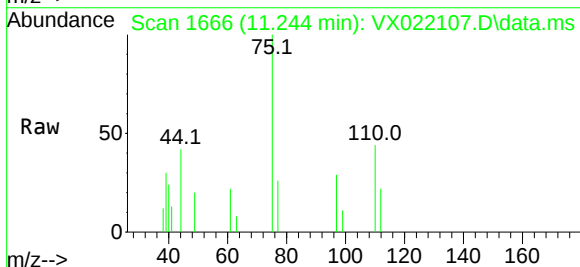
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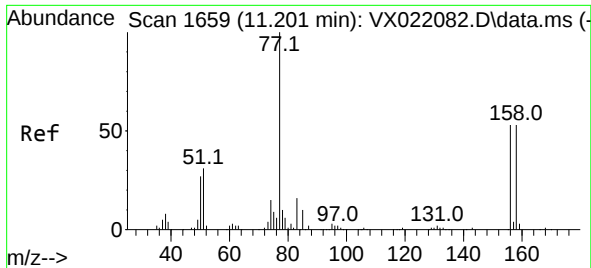
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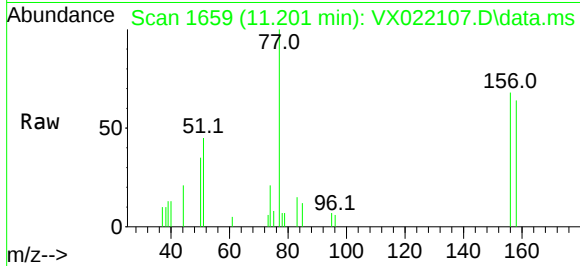
#76  
1,2,3-Trichloropropane  
Concen: 0.68 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 75 Resp: 1071  
Ion Ratio Lower Upper  
75 100  
77 49.2 19.1 57.5

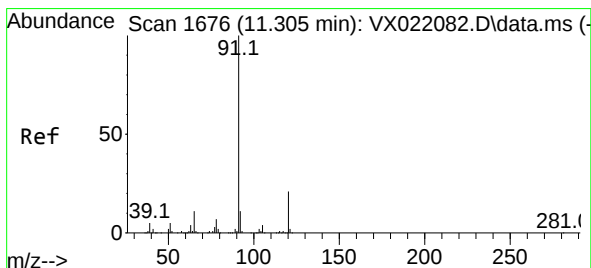
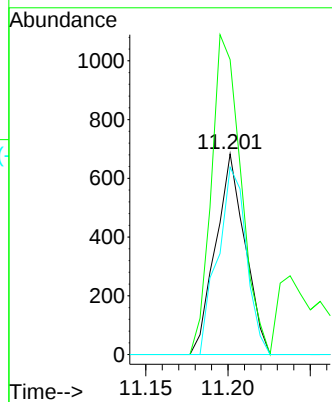
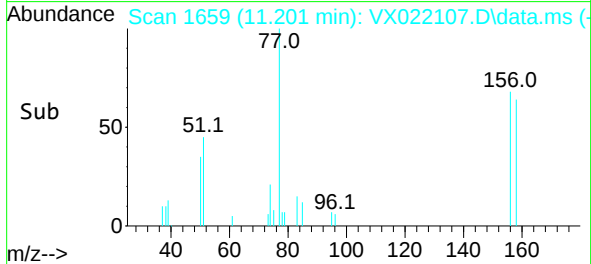




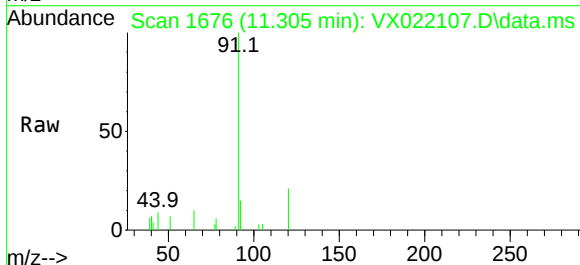
#77  
Bromobenzene  
Concen: 0.74 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



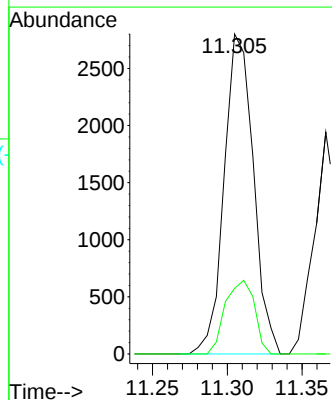
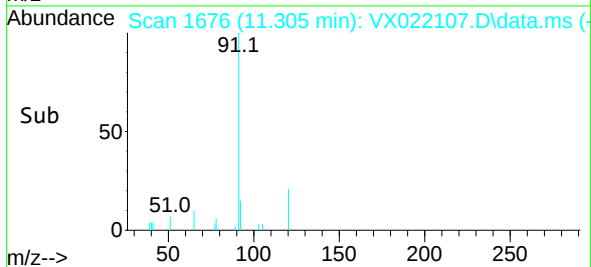
Tgt Ion: 156 Resp: 852  
Ion Ratio Lower Upper  
156 100  
77 160.0 82.8 248.6  
158 90.4 49.1 147.4



#78  
n-propylbenzene  
Concen: 0.60 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



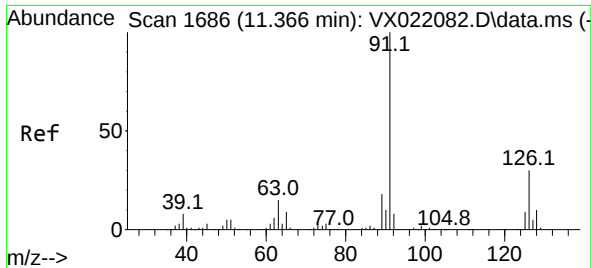
Tgt Ion: 91 Resp: 3807  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.5



Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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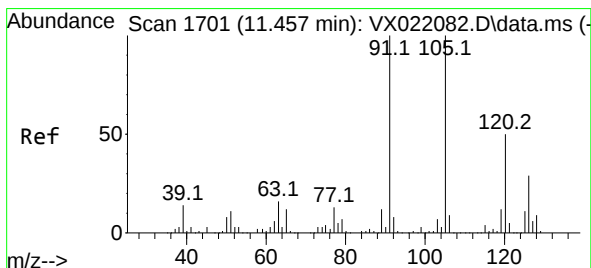
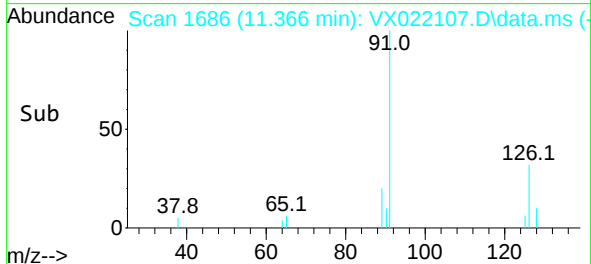
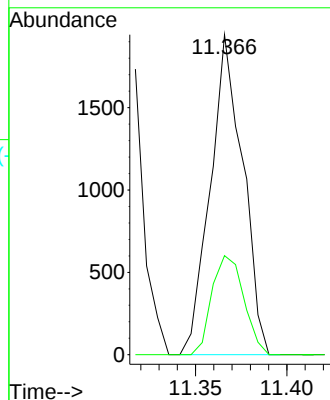
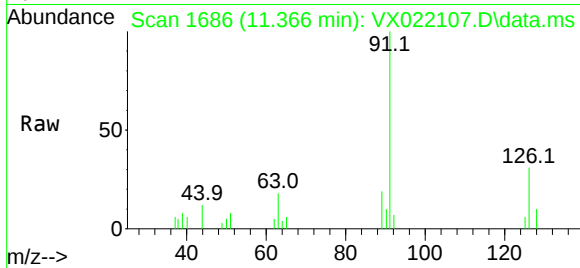
#79  
2-Chlorotoluene  
Concen: 0.62 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 91 Resp: 2404  
Ion Ratio Lower Upper  
91 100  
126 30.4 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

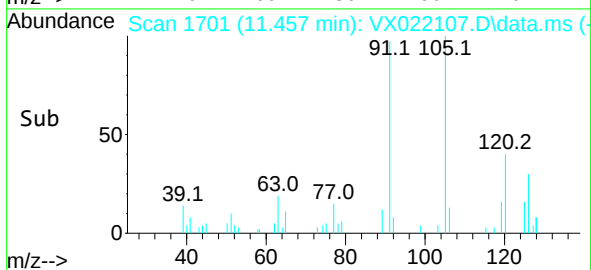
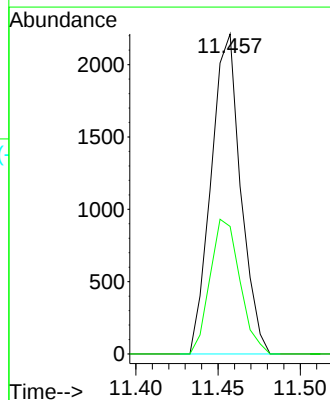
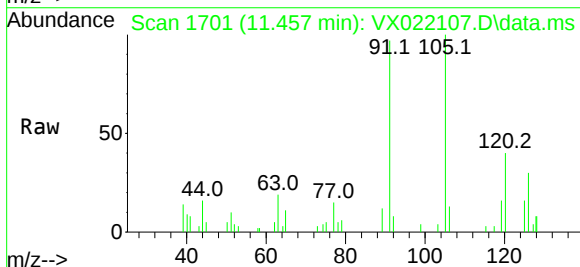
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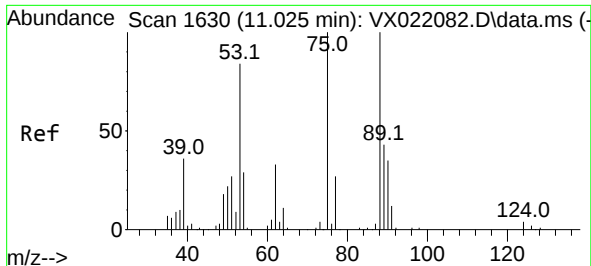
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#80  
1,3,5-Trimethylbenzene  
Concen: 0.62 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

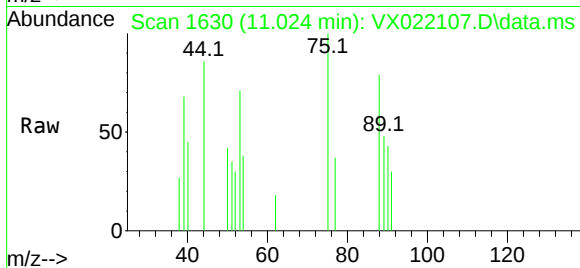
Tgt Ion: 105 Resp: 2772  
Ion Ratio Lower Upper  
105 100  
120 42.5 23.8 71.5





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 0.68 ug/l m  
 RT: 11.024 min Scan# 1630  
 Delta R.T. -0.001 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

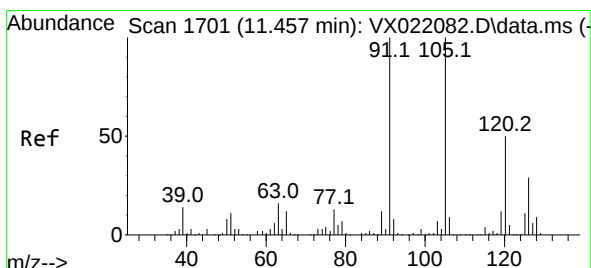
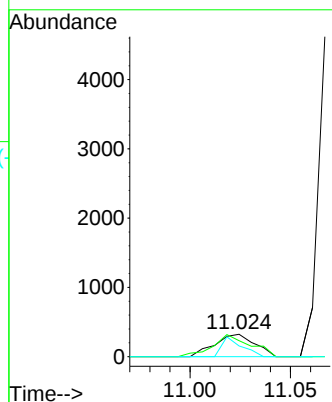
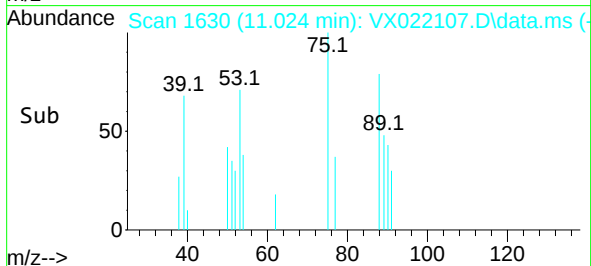
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021



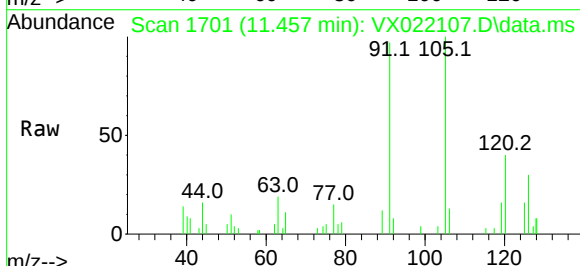
Tgt Ion: 75 Resp: 450  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

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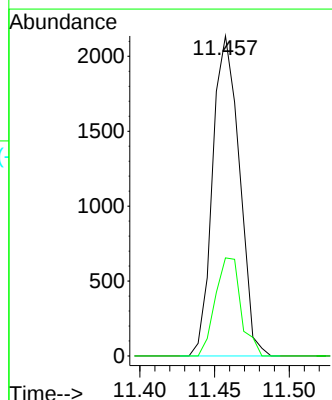
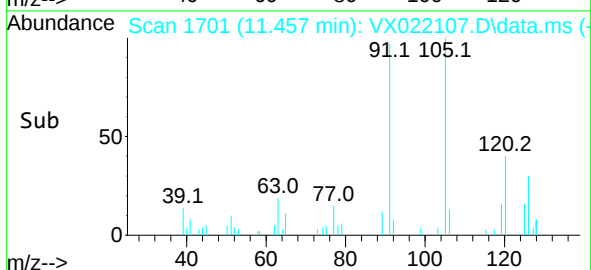
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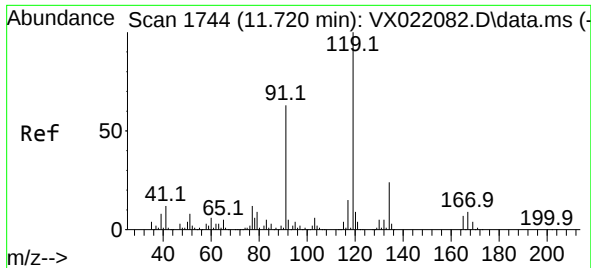


#82  
 4-Chlorotoluene  
 Concen: 0.60 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05



Tgt Ion: 91 Resp: 2662  
 Ion Ratio Lower Upper  
 91 100  
 126 29.3 14.9 44.5





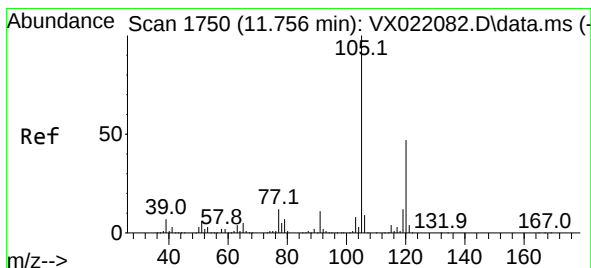
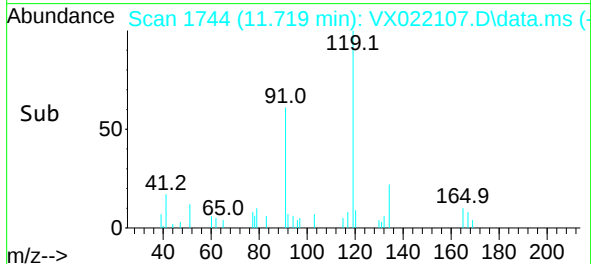
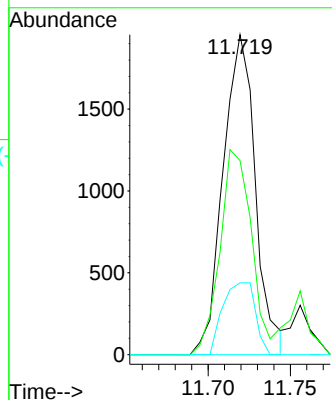
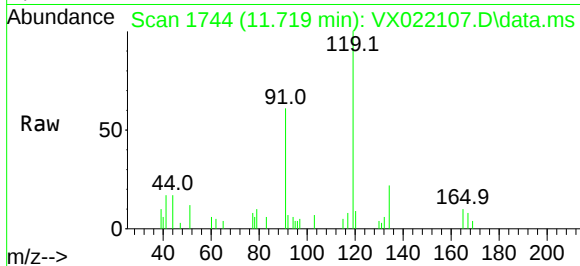
#83  
tert-Butylbenzene  
Concen: 0.62 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.6  | 27.9  | 83.7  |
| 134     | 22.6  | 11.3  | 33.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

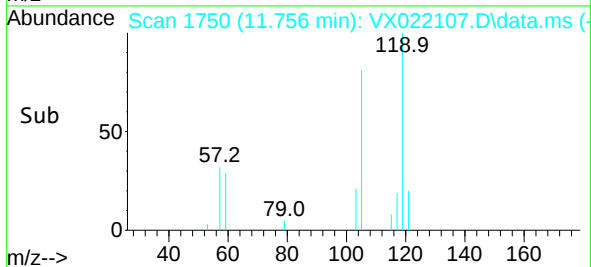
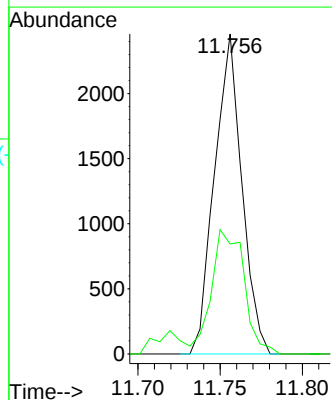
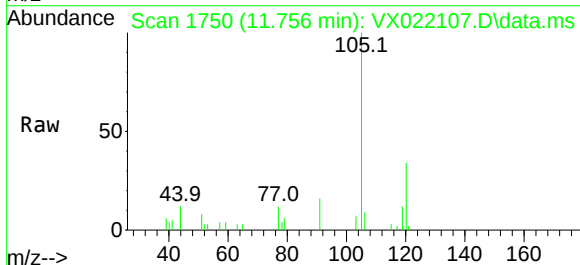
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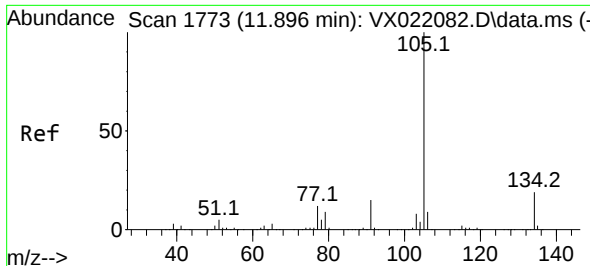
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#84  
1,2,4-Trimethylbenzene  
Concen: 0.63 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 22.4  | 67.3  |





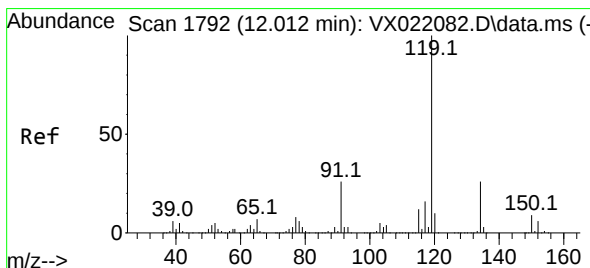
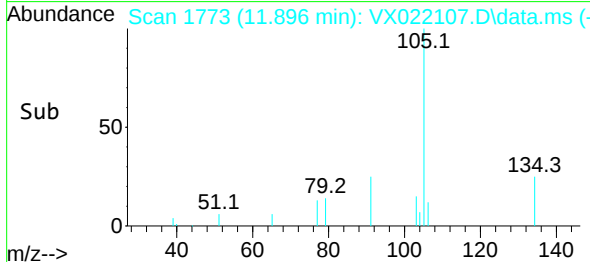
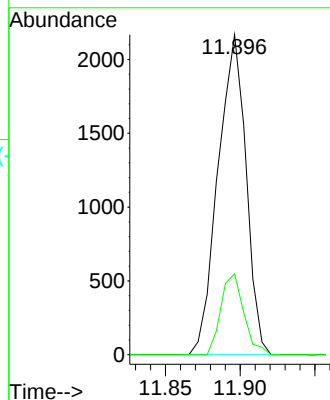
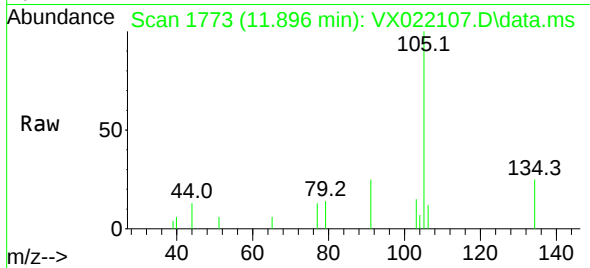
#85  
 sec-Butylbenzene  
 Concen: 0.52 ug/l  
 RT: 11.896 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion:105 Resp: 2823  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.0 29.8

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT2-2021

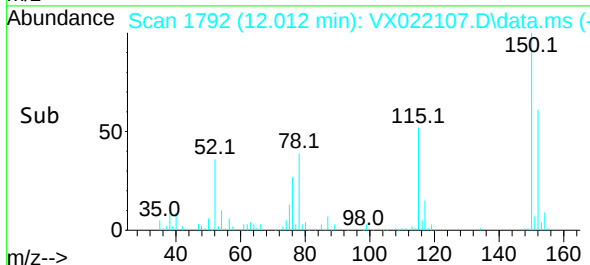
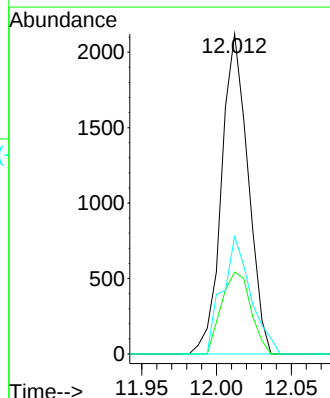
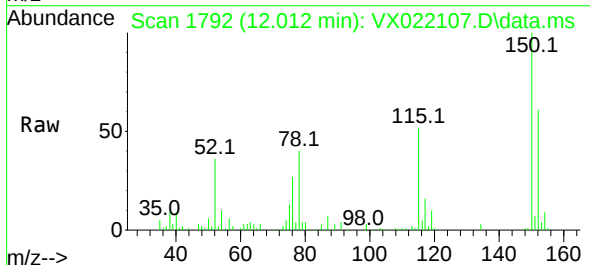
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#86  
 p-Isopropyltoluene  
 Concen: 0.56 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX022107.D  
 Acq: 21 May 2021 12:05

Tgt Ion:119 Resp: 2608  
 Ion Ratio Lower Upper  
 119 100  
 134 28.2 12.9 38.7  
 91 39.3 11.7 35.0#





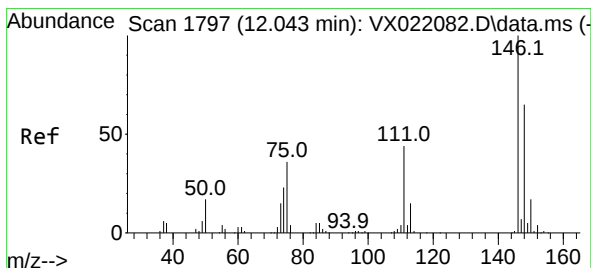
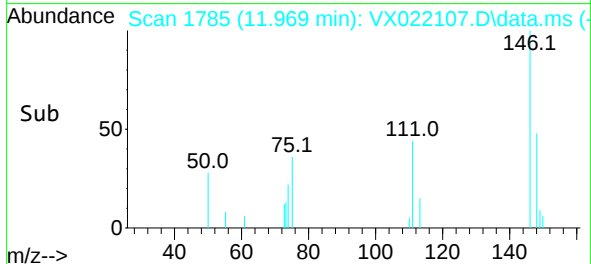
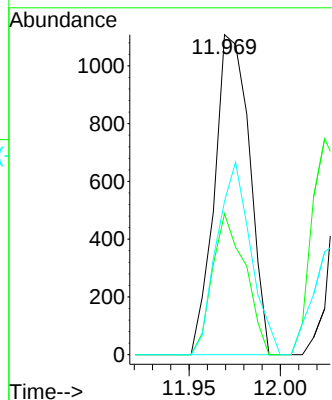
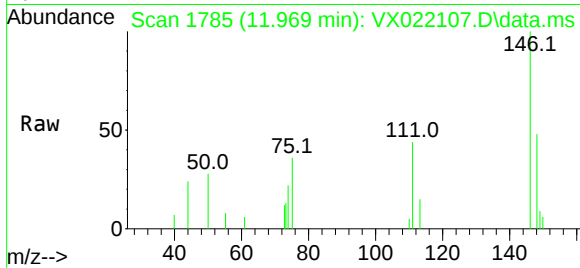
#87  
1,3-Dichlorobenzene  
Concen: 0.67 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.007 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion:146 Resp: 1474  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.2 60.5  
148 58.6 31.9 95.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

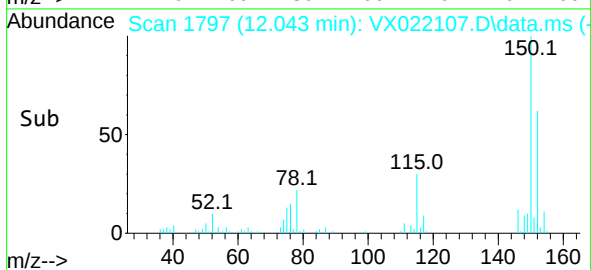
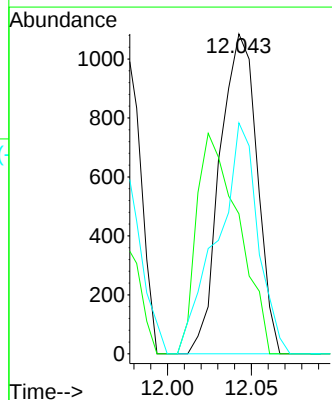
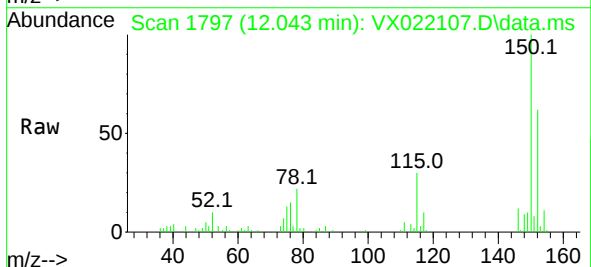
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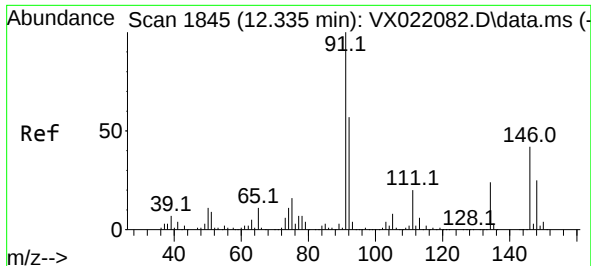
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#88  
1,4-Dichlorobenzene  
Concen: 0.73 ug/l m  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion:146 Resp: 1667  
Ion Ratio Lower Upper  
146 100  
111 36.6 19.6 58.8  
148 51.8 31.6 95.0





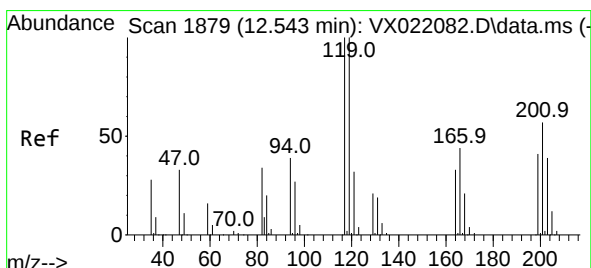
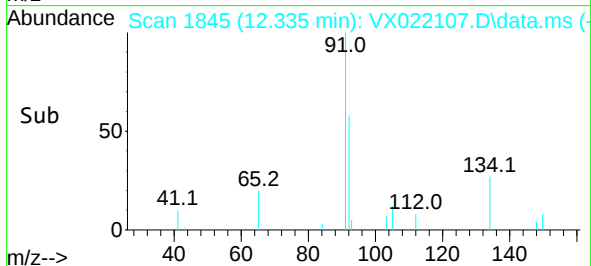
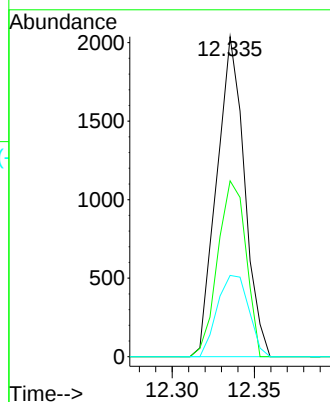
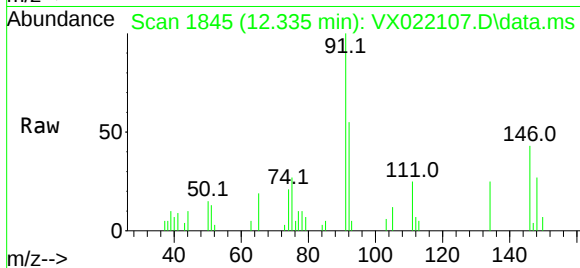
#89  
n-Butylbenzene  
Concen: 0.56 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 91 Resp: 2389  
Ion Ratio Lower Upper  
91 100  
92 55.8 27.4 82.0  
134 28.8 13.2 39.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

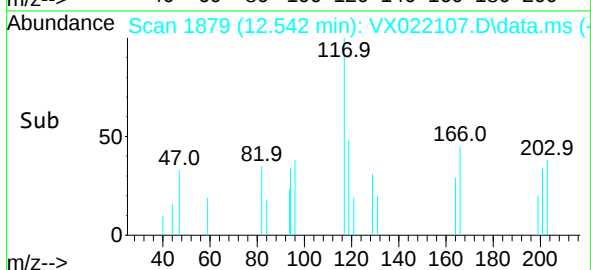
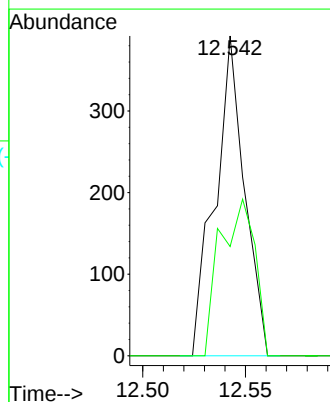
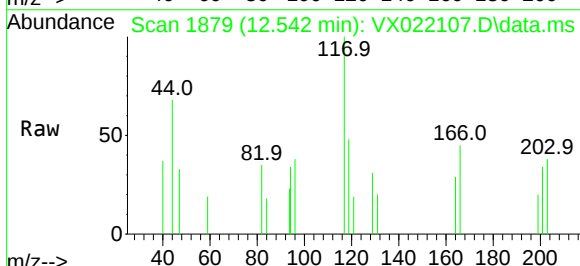
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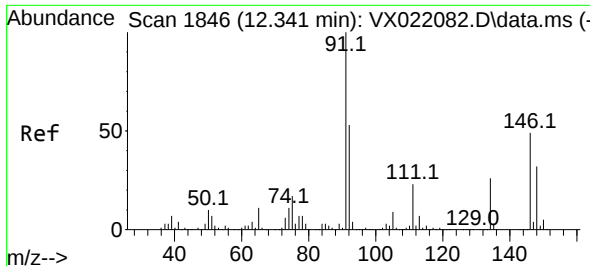
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#90  
Hexachloroethane  
Concen: 0.51 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. -0.001 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 117 Resp: 391  
Ion Ratio Lower Upper  
117 100  
201 57.8 40.4 121.2





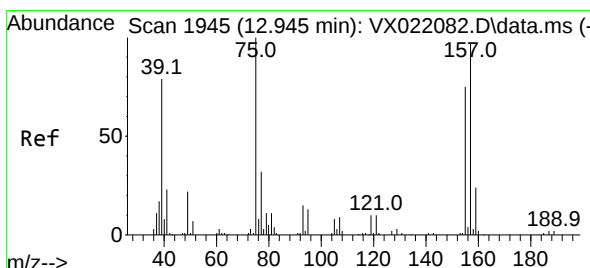
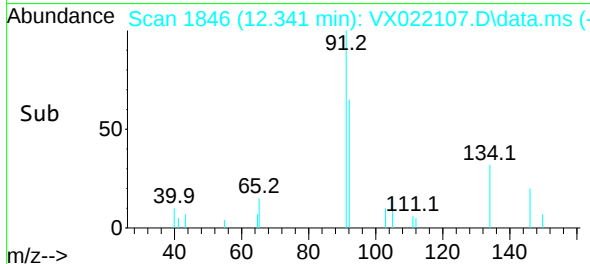
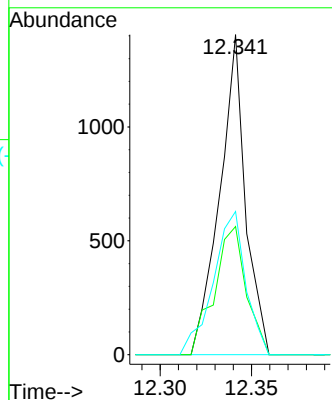
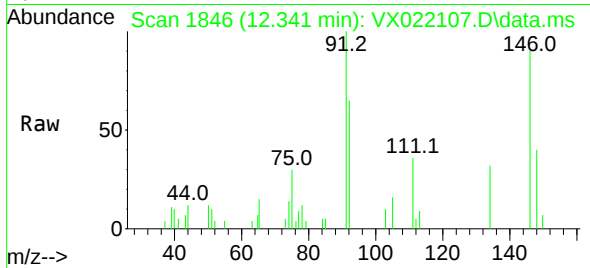
#91  
1,2-Dichlorobenzene  
Concen: 0.65 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 146 Resp: 1378  
Ion Ratio Lower Upper  
146 100  
111 49.6 20.8 62.2  
148 56.4 31.9 95.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
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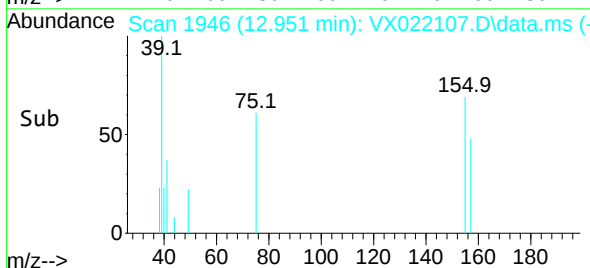
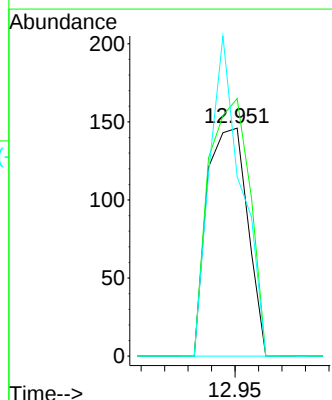
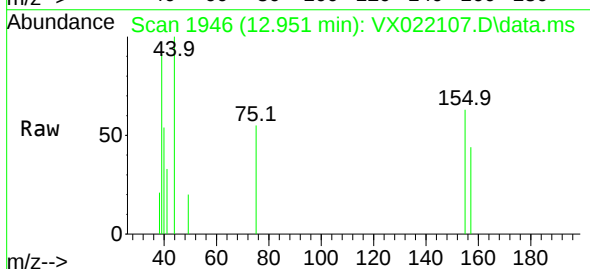
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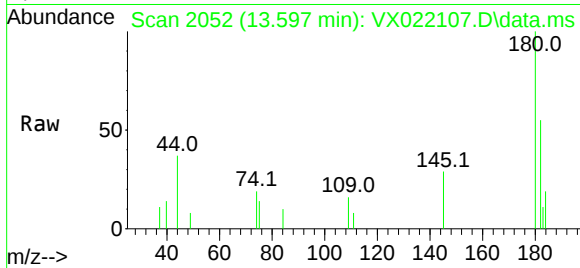
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.45 ug/l  
RT: 12.951 min Scan# 1946  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

Tgt Ion: 75 Resp: 174  
Ion Ratio Lower Upper  
75 100  
155 114.9 45.3 135.9  
157 110.3 57.7 173.1





#93  
1,2,4-Trichlorobenzene  
Concen: 0.67 ug/l  
RT: 13.597 min Scan# 2052  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

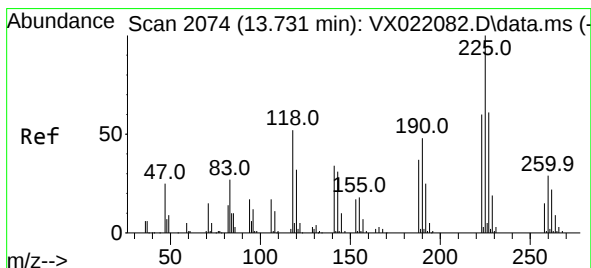
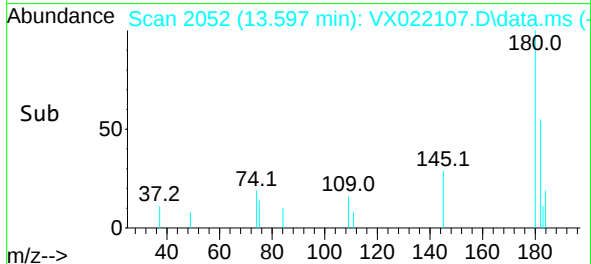
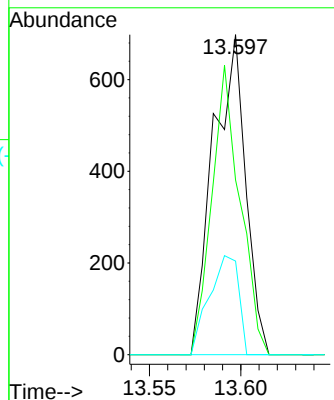


Tgt Ion:180 Resp: 860  
Ion Ratio Lower Upper  
180 100  
182 78.6 47.7 143.1  
145 28.0 15.0 45.0

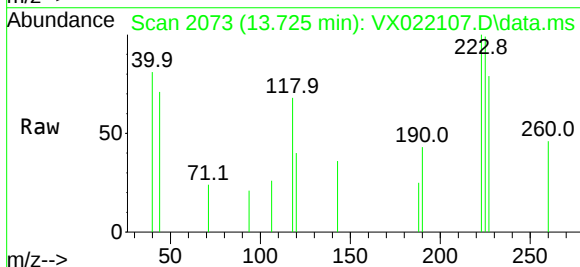
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT2-2021

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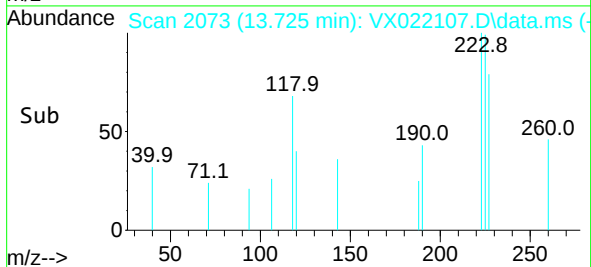
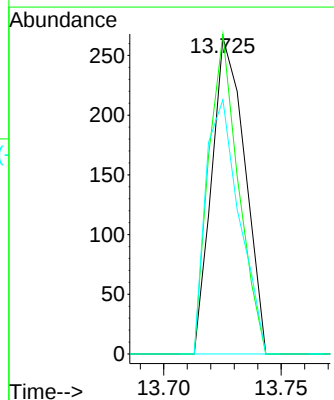
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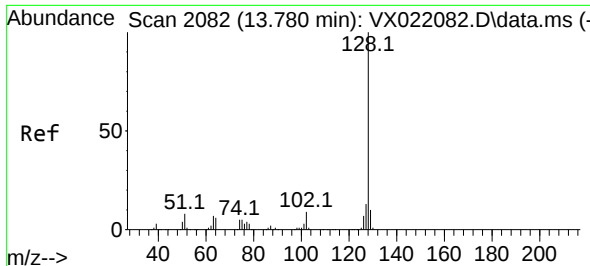


#94  
Hexachlorobutadiene  
Concen: 0.52 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05

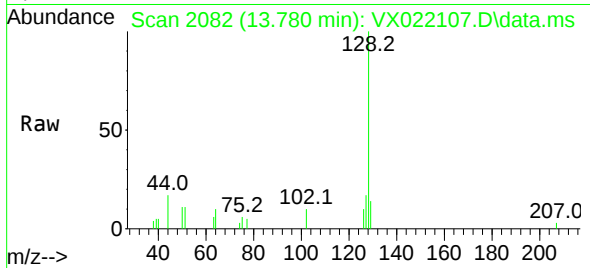


Tgt Ion:225 Resp: 260  
Ion Ratio Lower Upper  
225 100  
223 90.4 31.1 93.2  
227 81.2 31.6 95.0

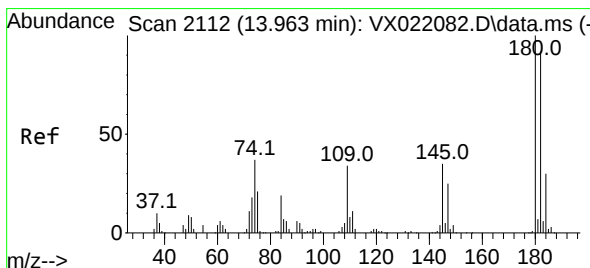
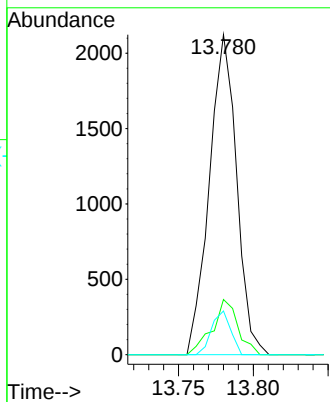
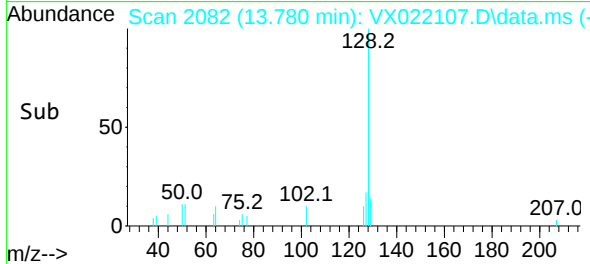




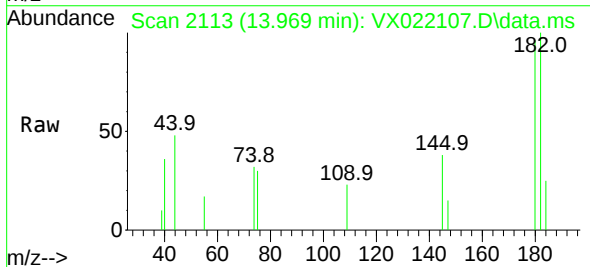
#95  
Naphthalene  
Concen: 0.54 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



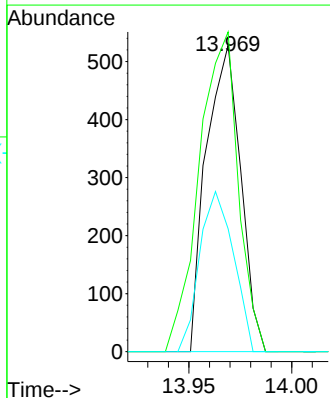
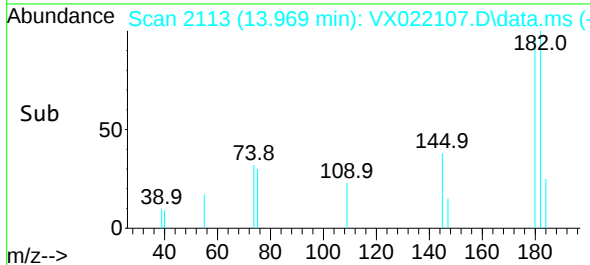
Tgt Ion:128 Resp: 2690  
Ion Ratio Lower Upper  
128 100  
127 16.2 10.3 15.5#  
129 9.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 0.47 ug/l  
RT: 13.969 min Scan# 2113  
Delta R.T. 0.006 min  
Lab File: VX022107.D  
Acq: 21 May 2021 12:05



Tgt Ion:180 Resp: 614  
Ion Ratio Lower Upper  
180 100  
182 117.9 47.6 142.9  
145 51.5 16.1 48.3#



Instrument :  
MSVOA\_X  
ClientSampleId :  
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