

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032421\  
 Data File : VX021440.D  
 Acq On : 24 Mar 2021 16:55  
 Operator : JC/MD  
 Sample : M1458-07 .2PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

Quant Time: Mar 25 03:24:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 03:23:46 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.629  | 168  | 77433    | 50.00 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.835  | 114  | 132738   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.094 | 117  | 115920   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.059 | 152  | 51074    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |           |      |
|-----------------------------|--------|-------|----------|----------|-----------|------|
| System Monitoring Compounds |        |       |          |          |           |      |
| 33) 1,2-Dichloroethane-d4   | 6.035  | 65    | 65232    | 50.63    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.26% |      |
| 35) Dibromofluoromethane    | 5.470  | 113   | 45235    | 47.98    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 95.96%  |      |
| 50) Toluene-d8              | 8.694  | 98    | 154207   | 45.90    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 91.80%# |      |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 55609    | 42.57    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 85.14%  |      |

|                               |        |     |       |        |      |      |
|-------------------------------|--------|-----|-------|--------|------|------|
| Target Compounds              |        |     |       | Qvalue |      |      |
| 2) Dichlorodifluoromethane    | 1.193  | 85  | 211   | 0.25   | ug/l | # 42 |
| 3) Chloromethane              | 1.317  | 50  | 2083  | 1.92   | ug/l | 98   |
| 5) Bromomethane               | 1.629  | 94  | 354   | 1.01   | ug/l | 92   |
| 6) Chloroethane               | 1.711  | 64  | 124   | 0.22   | ug/l | # 43 |
| 7) Trichlorofluoromethane     | 1.917  | 101 | 289   | 0.20   | ug/l | 86   |
| 8) Diethyl Ether              | 2.164  | 74  | 113   | 0.23   | ug/l | # 18 |
| 10) Methyl Iodide             | 2.493  | 142 | 184   | 0.33   | ug/l | # 61 |
| 11) Tert butyl alcohol        | 3.011  | 59  | 143   | 0.67   | ug/l | # 73 |
| 13) Acrolein                  | 2.270  | 56  | 175   | 1.48   | ug/l | # 14 |
| 14) Allyl chloride            | 2.711  | 41  | 390   | 0.25   | ug/l | # 47 |
| 15) Acrylonitrile             | 3.111  | 53  | 540   | 1.07   | ug/l | 93   |
| 16) Acetone                   | 2.423  | 43  | 795   | 1.63   | ug/l | # 84 |
| 17) Carbon Disulfide          | 2.552  | 76  | 544   | 0.25   | ug/l | # 75 |
| 18) Methyl Acetate            | 2.752  | 43  | 624   | 0.44   | ug/l | # 53 |
| 19) Methyl tert-butyl Ether   | 3.176  | 73  | 605   | 0.21   | ug/l | # 55 |
| 20) Methylene Chloride        | 2.840  | 84  | 469   | 0.49   | ug/l | 94   |
| 23) Vinyl Acetate             | 3.794  | 43  | 2430  | 0.93   | ug/l | 97   |
| 24) 1,1-Dichloroethane        | 3.670  | 63  | 336   | 0.20   | ug/l | # 81 |
| 25) 2-Butanone                | 4.647  | 43  | 835   | 1.13   | ug/l | # 86 |
| 29) Tetrahydrofuran           | 5.100  | 42  | 318   | 0.66   | ug/l | # 88 |
| 38) Carbon Tetrachloride      | 5.635  | 117 | 8534  | 6.11   | ug/l | # 16 |
| 42) 1,2-Dichloroethane        | 6.170  | 62  | 418   | 0.26   | ug/l | # 73 |
| 43) Isopropyl Acetate         | 6.412  | 43  | 595   | 0.24   | ug/l | # 57 |
| 44) Trichloroethene           | 7.188  | 130 | 436   | 0.45   | ug/l | 95   |
| 51) 4-Methyl-2-Pentanone      | 8.624  | 43  | 1264  | 0.84   | ug/l | # 84 |
| 52) Toluene                   | 8.771  | 92  | 482   | 0.21   | ug/l | 94   |
| 58) 2-Chloroethyl Vinyl ether | 8.294  | 63  | 1640  | 2.02   | ug/l | 96   |
| 59) 2-Hexanone                | 9.477  | 43  | 908   | 0.81   | ug/l | 77   |
| 65) Chlorobenzene             | 10.130 | 112 | 523   | 0.22   | ug/l | # 67 |
| 68) m/p-Xylenes               | 10.341 | 106 | 491   | 0.32   | ug/l | 86   |
| 71) Bromoform                 | 10.836 | 173 | 154   | 0.21   | ug/l | # 29 |
| 73) Isopropylbenzene          | 11.000 | 105 | 722   | 0.20   | ug/l | 87   |
| 74) N-amyl acetate            | 10.877 | 43  | 382   | 0.22   | ug/l | # 63 |
| 75) 1,1,2,2-Tetrachloroethane | 11.247 | 83  | 259   | 0.20   | ug/l | # 91 |
| 76) 1,2,3-Trichloropropane    | 11.118 | 75  | 31954 | 26.87  | ug/l | # 39 |
| 77) Bromobenzene              | 11.236 | 156 | 186   | 0.21   | ug/l | 80   |

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Sample : M1458-07 .2PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Quant Time: Mar 25 03:24:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 25 03:23:46 2021  
Response via : Initial Calibration

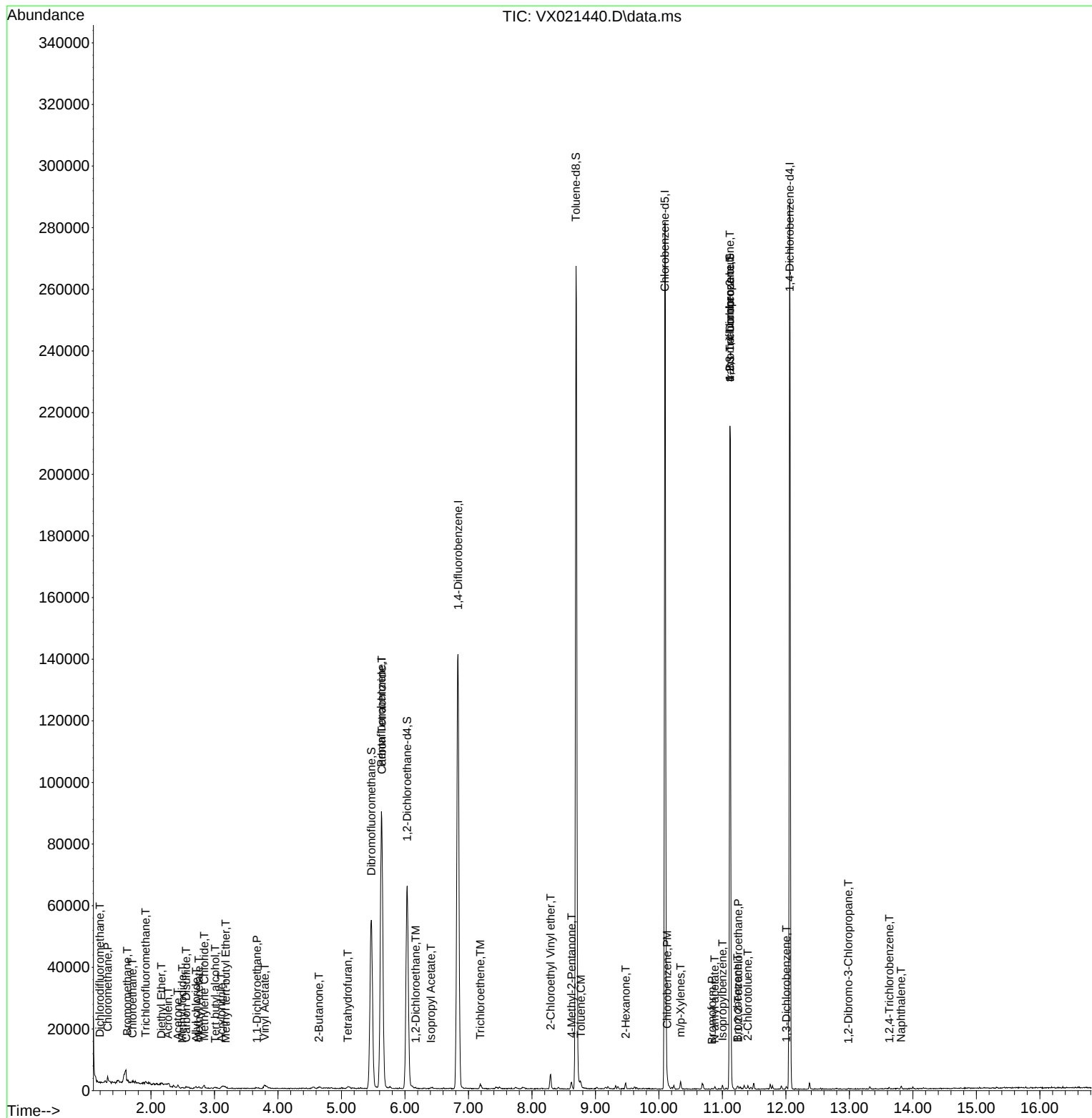
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 79) 2-Chlorotoluene           | 11.400 | 91   | 533      | 0.21  | ug/l   | 86       |
| 81) trans-1,4-Dichloro-2-b... | 11.118 | 75   | 31954    | 81.86 | ug/l # | 12       |
| 87) 1,3-Dichlorobenzene       | 12.006 | 146  | 327      | 0.20  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.983 | 75   | 83       | 0.28  | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 13.630 | 180  | 220      | 0.22  | ug/l # | 76       |
| 95) Naphthalene               | 13.812 | 128  | 668      | 0.20  | ug/l # | 93       |

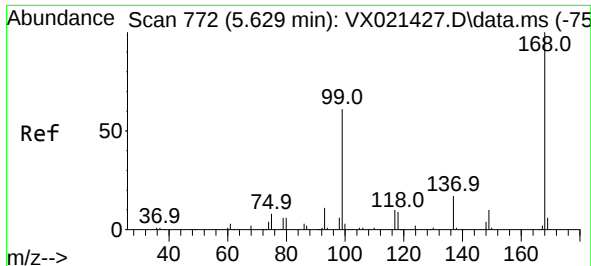
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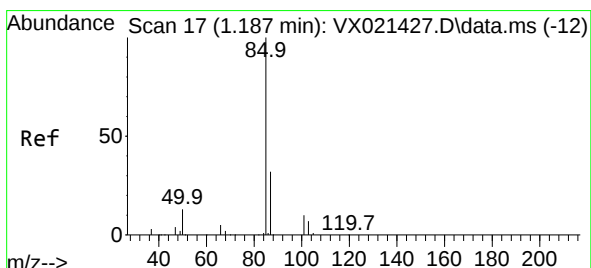
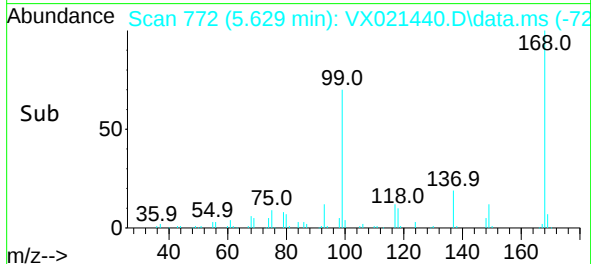
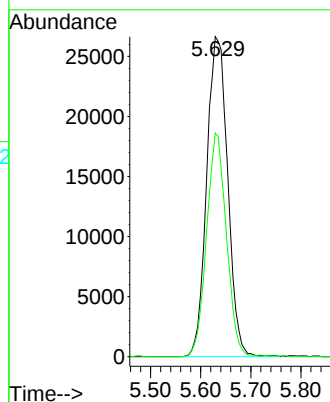
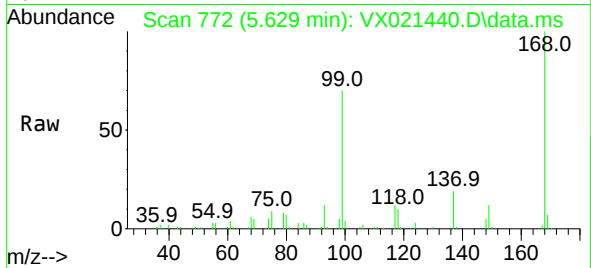




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

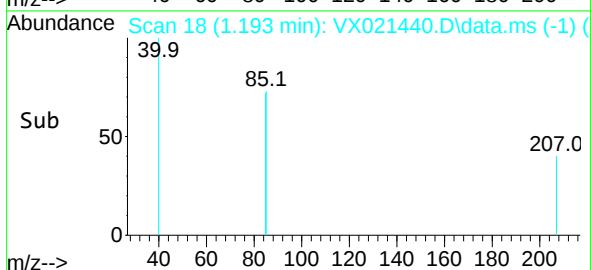
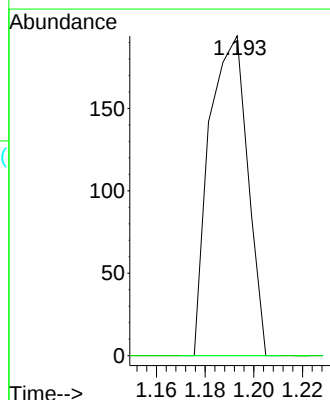
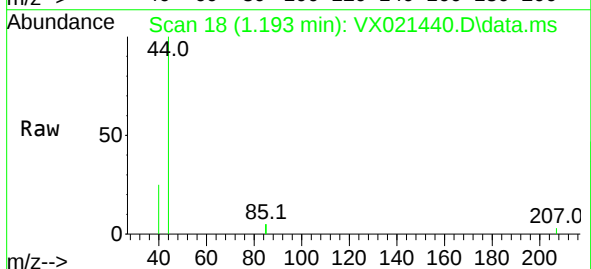
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

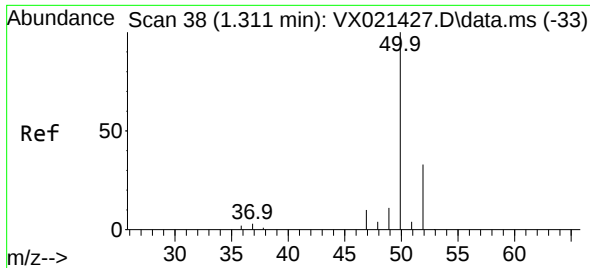
Tgt Ion:168 Resp: 77433  
Ion Ratio Lower Upper  
168 100  
99 69.9 45.8 68.6#



#2  
Dichlorodifluoromethane  
Concen: 0.25 ug/l  
RT: 1.193 min Scan# 18  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 85 Resp: 211  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.4 49.2#

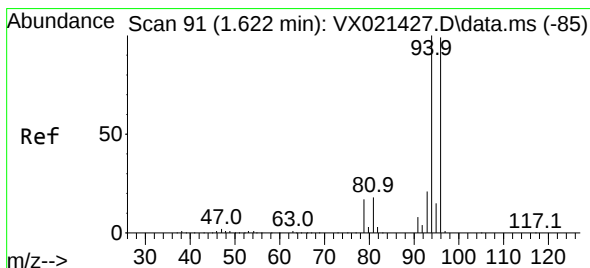
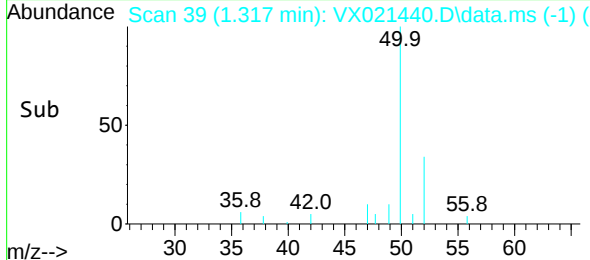
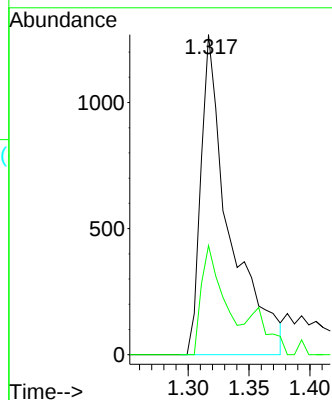
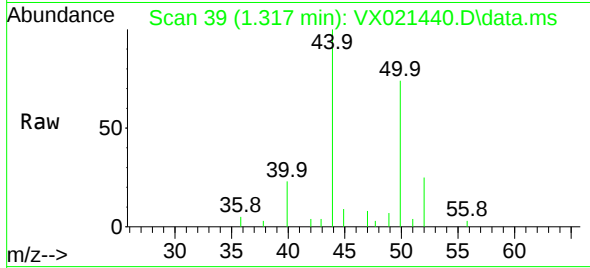




#3  
Chloromethane  
Concen: 1.92 ug/l  
RT: 1.317 min Scan# 39  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

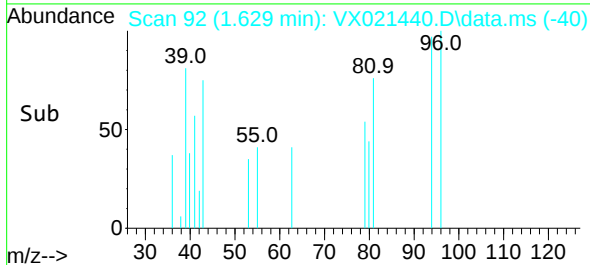
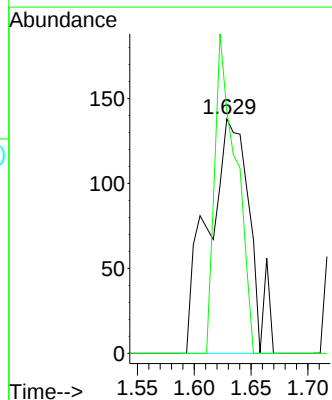
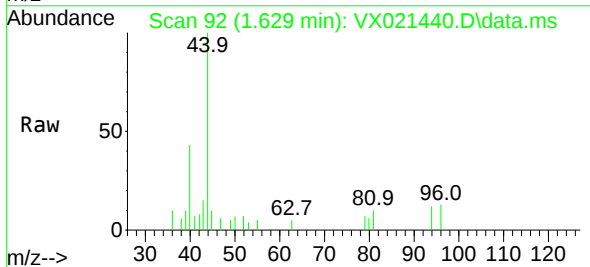
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

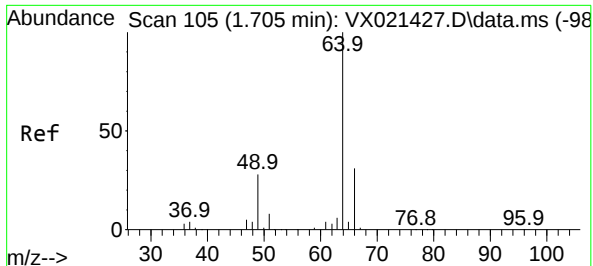
Tgt Ion: 50 Resp: 2083  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.4 39.6



#5  
Bromomethane  
Concen: 1.01 ug/l  
RT: 1.629 min Scan# 92  
Delta R.T. 0.007 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 94 Resp: 354  
Ion Ratio Lower Upper  
94 100  
96 103.6 76.4 114.6

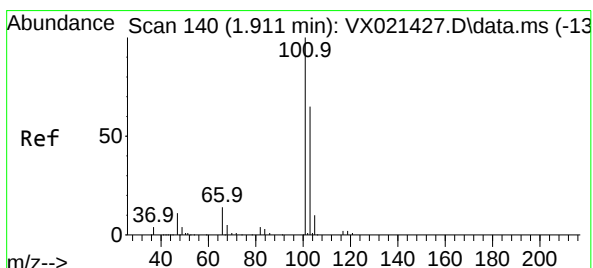
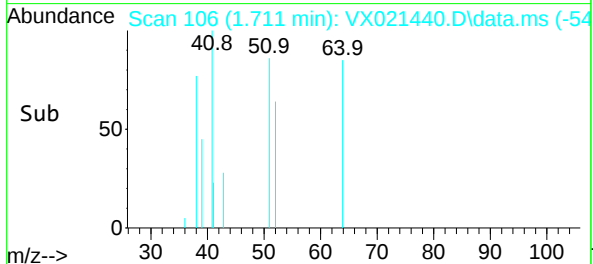
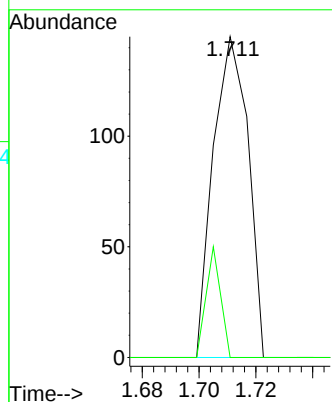
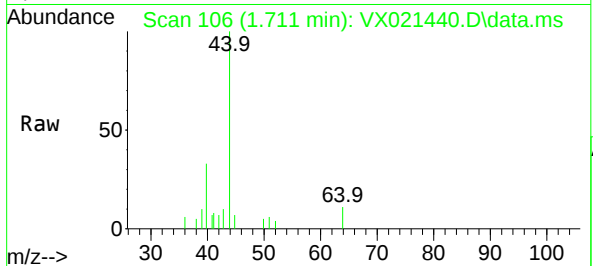




#6  
Chloroethane  
Concen: 0.22 ug/l  
RT: 1.711 min Scan# 106  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

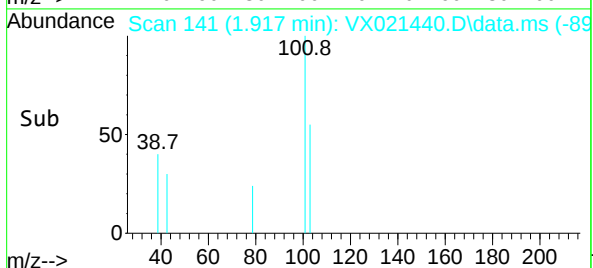
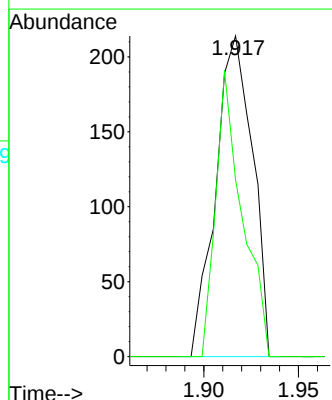
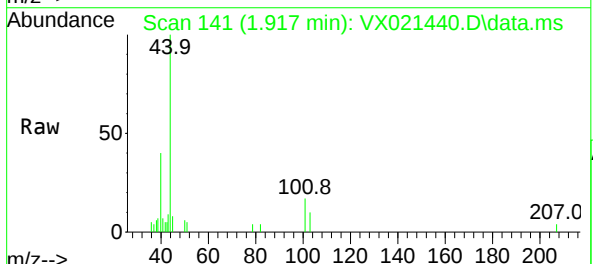
Instrument :  
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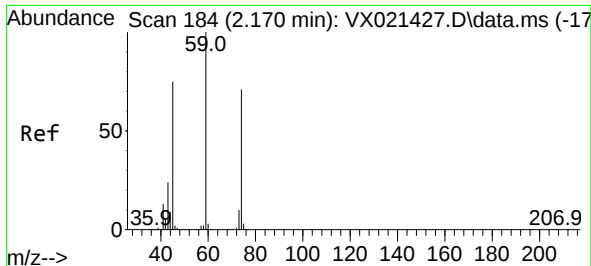
Tgt Ion: 64 Resp: 124  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.0#



#7  
Trichlorofluoromethane  
Concen: 0.20 ug/l  
RT: 1.917 min Scan# 141  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 101 Resp: 289  
Ion Ratio Lower Upper  
101 100  
103 55.1 53.2 79.8

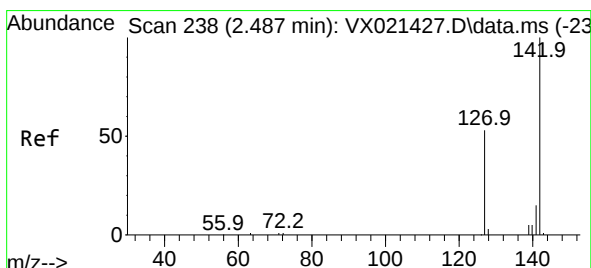
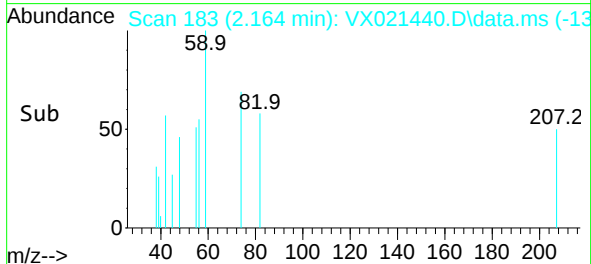
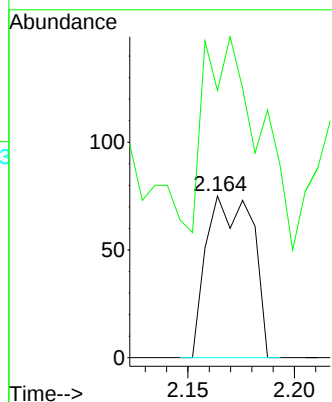
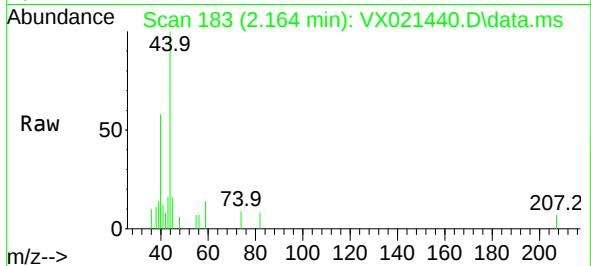




#8  
Diethyl Ether  
Concen: 0.23 ug/l  
RT: 2.164 min Scan# 183  
Delta R.T. -0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

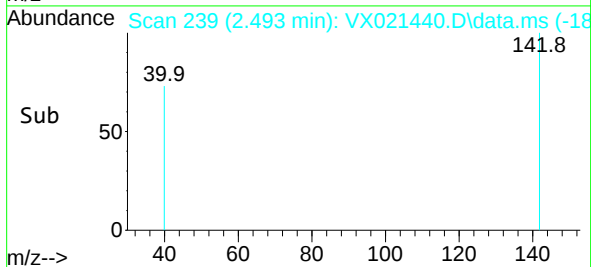
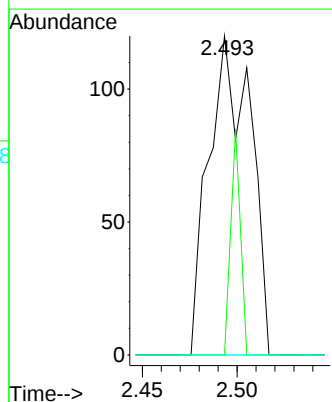
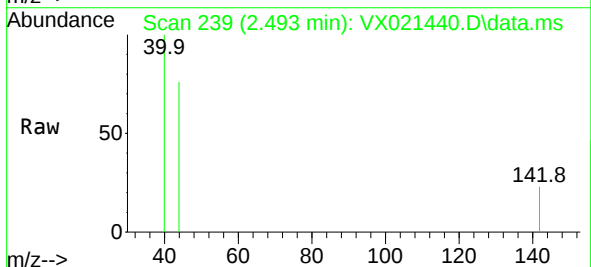
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LOD-MDL-WATER-01-QT1-2021

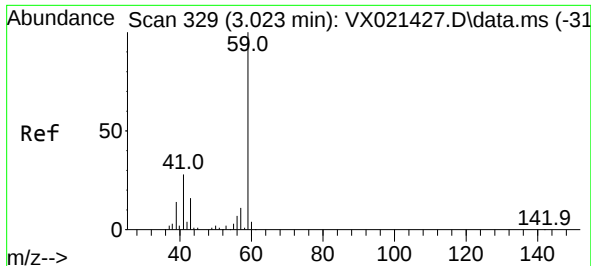
Tgt Ion: 74 Resp: 113  
Ion Ratio Lower Upper  
74 100  
45 165.5 44.5 133.5#



#10  
Methyl Iodide  
Concen: 0.33 ug/l  
RT: 2.493 min Scan# 239  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 142 Resp: 184  
Ion Ratio Lower Upper  
142 100  
127 16.3 33.3 49.9#  
141 0.0 11.4 17.0#

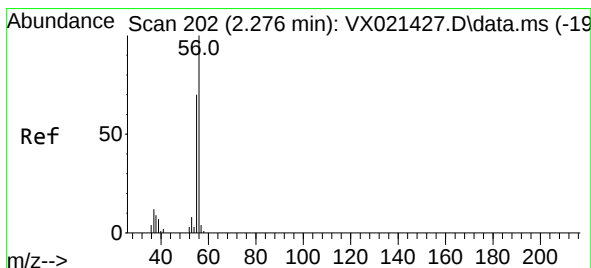
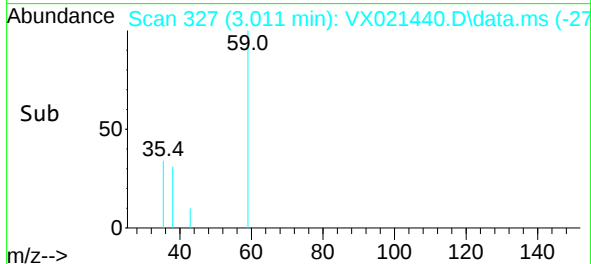
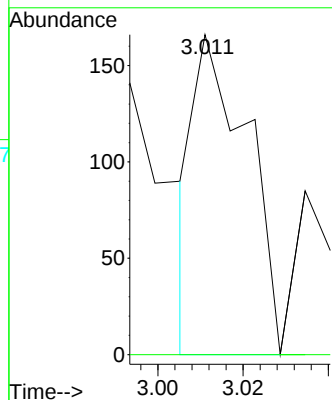
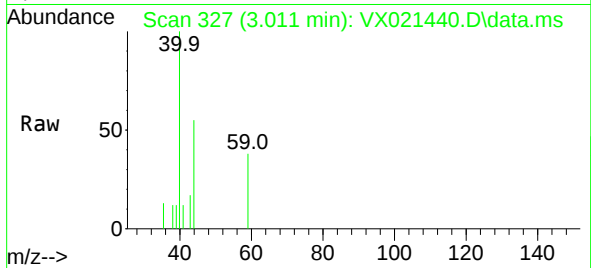




#11  
Tert butyl alcohol  
Concen: 0.67 ug/l  
RT: 3.011 min Scan# 327  
Delta R.T. -0.012 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

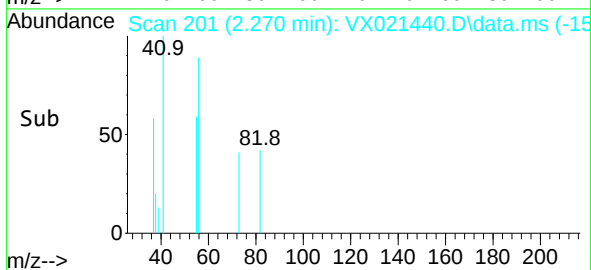
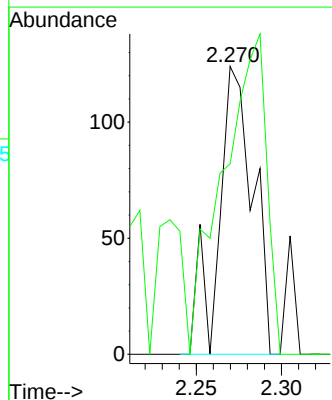
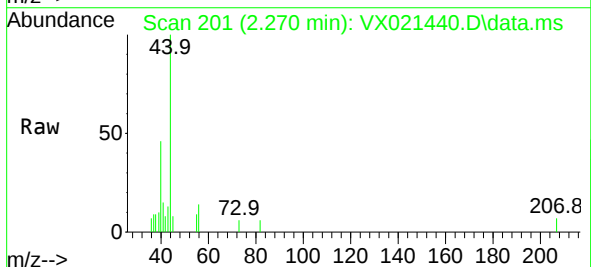
Instrument :  
MSVOA\_X  
ClientSampleId :  
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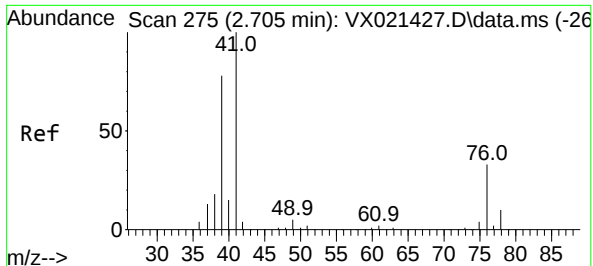
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Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



#13  
Acrolein  
Concen: 1.48 ug/l  
RT: 2.270 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 56 Resp: 175  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.4 84.6#





#14

Allyl chloride

Concen: 0.25 ug/l

RT: 2.711 min Scan# 276

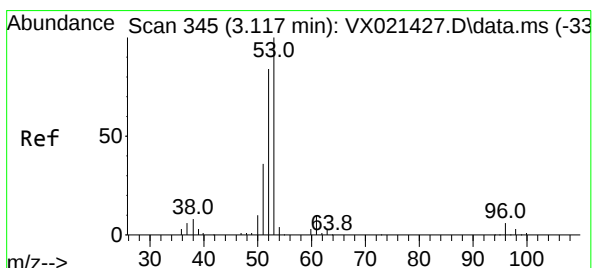
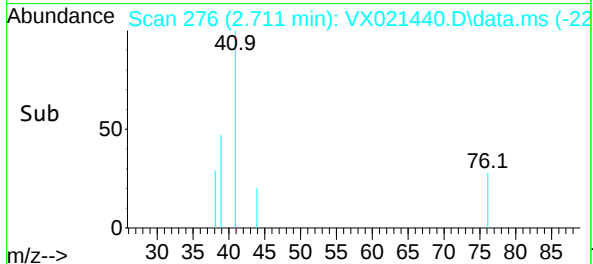
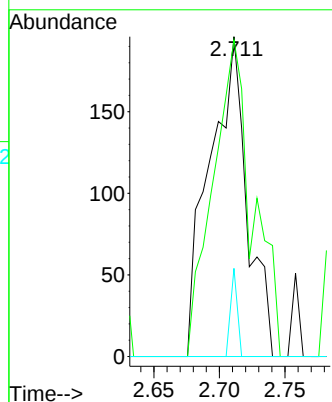
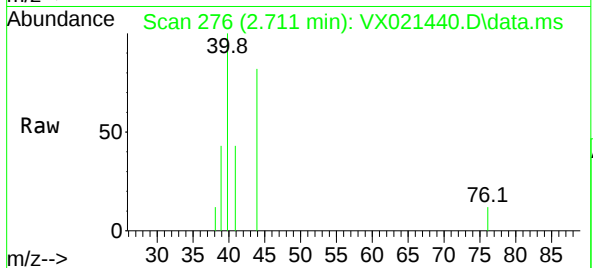
Delta R.T. 0.006 min

Lab File: VX021440.D

Acq: 24 Mar 2021 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 390   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 104.9 | 51.6  | 77.4# |
| 76       | 4.9   | 30.5  | 45.7# |

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021



#15

Acrylonitrile

Concen: 1.07 ug/l

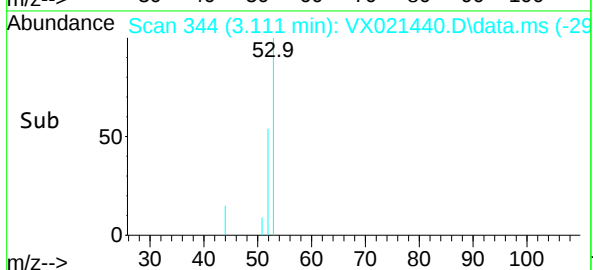
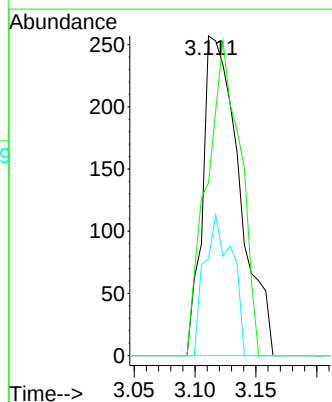
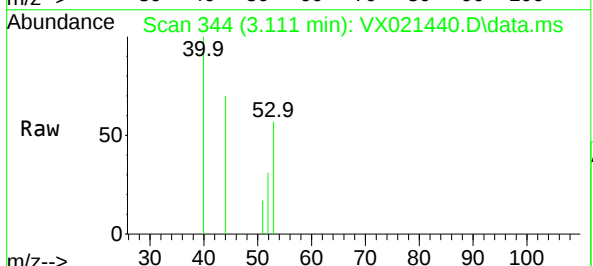
RT: 3.111 min Scan# 344

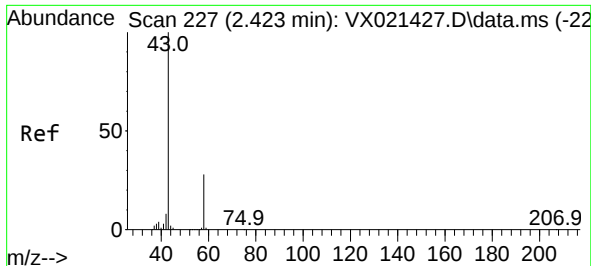
Delta R.T. -0.006 min

Lab File: VX021440.D

Acq: 24 Mar 2021 16:55

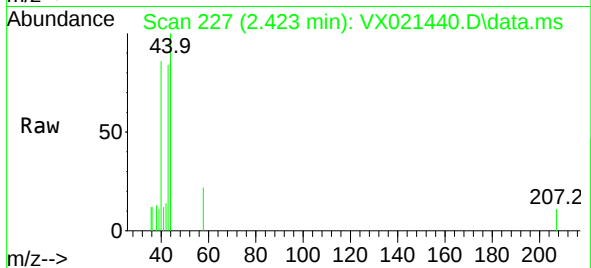
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 540   |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 89.8  | 65.3  | 97.9  |
| 51       | 33.1  | 28.2  | 42.2  |



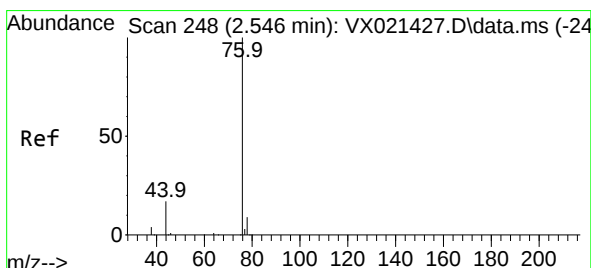
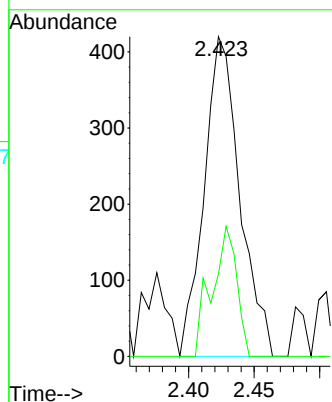
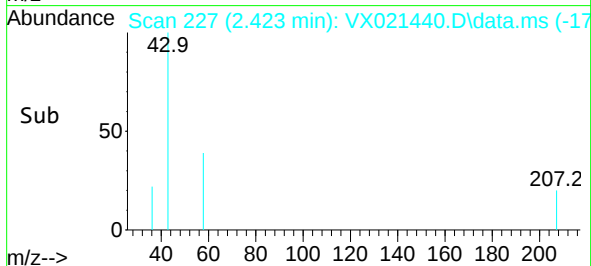


#16  
Acetone  
Concen: 1.63 ug/l  
RT: 2.423 min Scan# 227  
Delta R.T. -0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

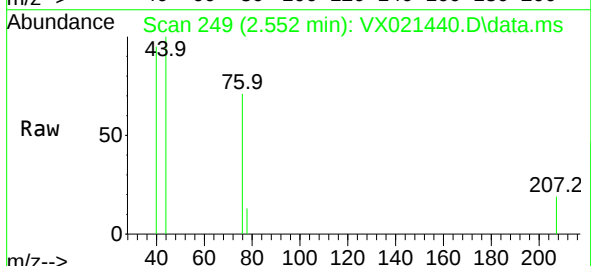
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021



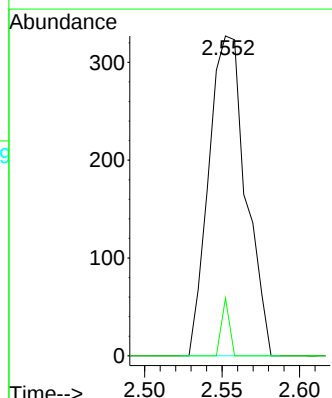
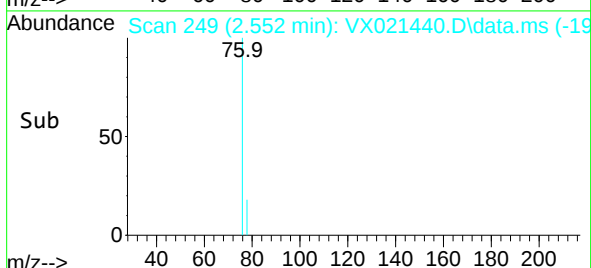
Tgt Ion: 43 Resp: 795  
Ion Ratio Lower Upper  
43 100  
58 25.7 27.8 41.8#

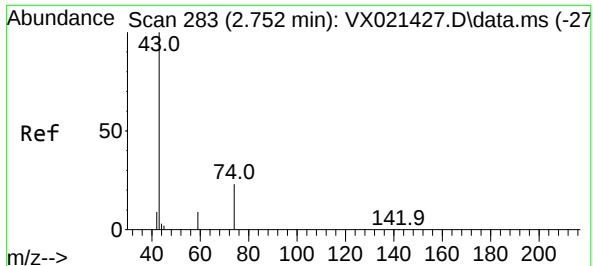


#17  
Carbon Disulfide  
Concen: 0.25 ug/l  
RT: 2.552 min Scan# 249  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55



Tgt Ion: 76 Resp: 544  
Ion Ratio Lower Upper  
76 100  
78 18.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.44 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021440.D

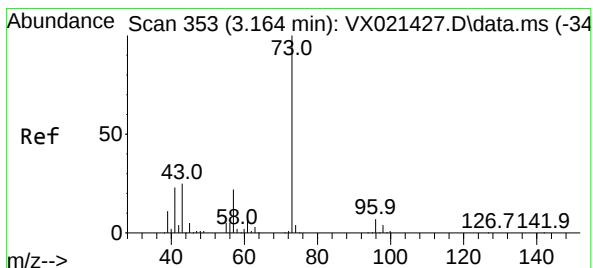
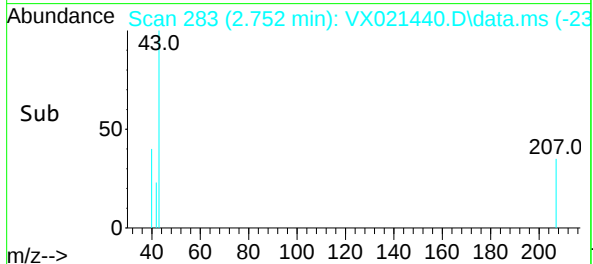
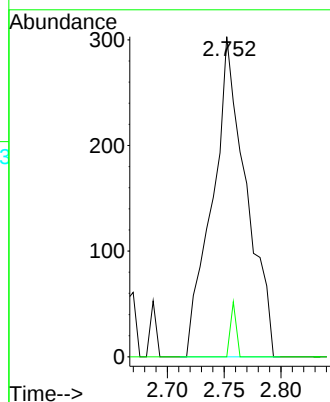
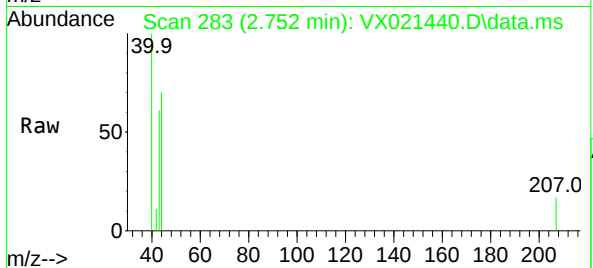
Acq: 24 Mar 2021 16:55

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

74 2.9 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.21 ug/l

RT: 3.176 min Scan# 355

Delta R.T. 0.012 min

Lab File: VX021440.D

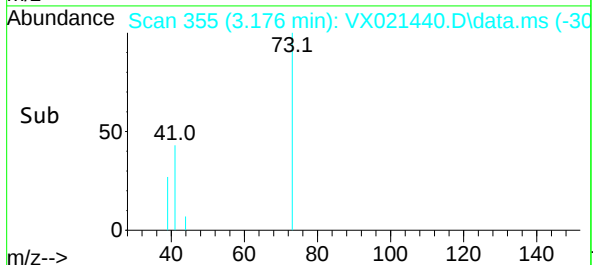
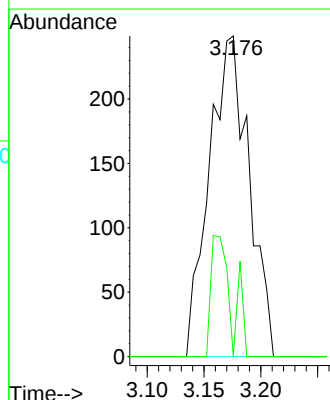
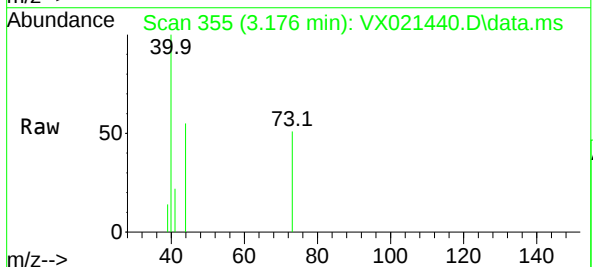
Acq: 24 Mar 2021 16:55

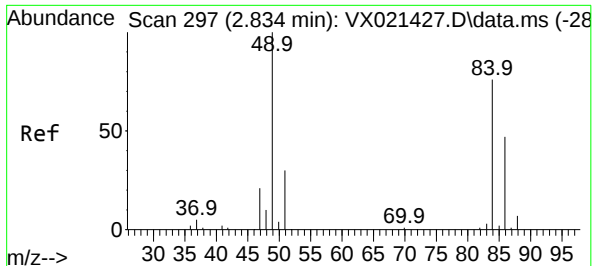
Tgt Ion: 73 Resp: 605

Ion Ratio Lower Upper

73 100

57 0.0 17.1 25.7#



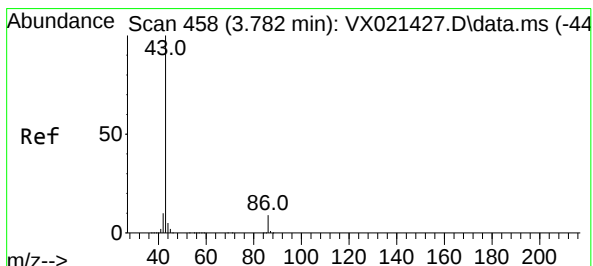
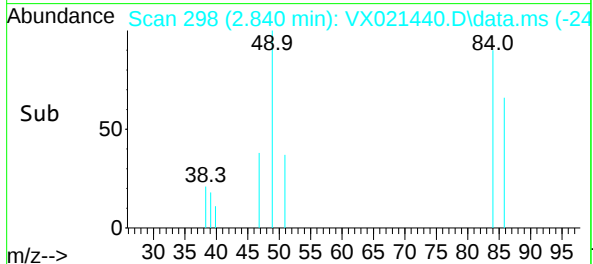
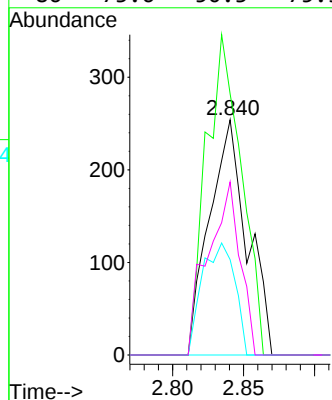
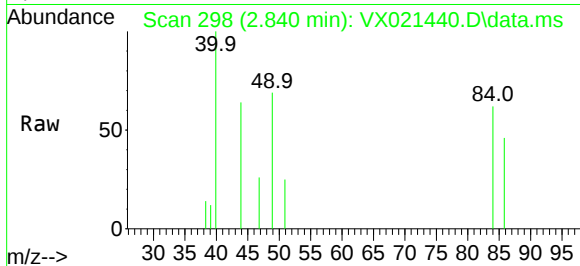


#20  
Methylene Chloride  
Concen: 0.49 ug/l  
RT: 2.840 min Scan# 298  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion: 84 Resp: 469

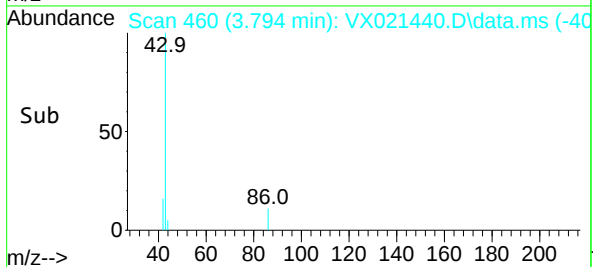
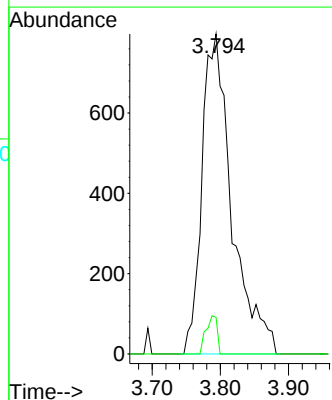
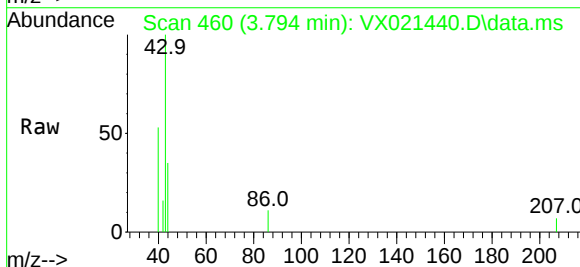
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 111.0 | 88.6  | 132.8 |
| 51  | 40.6  | 27.0  | 40.6  |
| 86  | 73.6  | 50.3  | 75.5  |

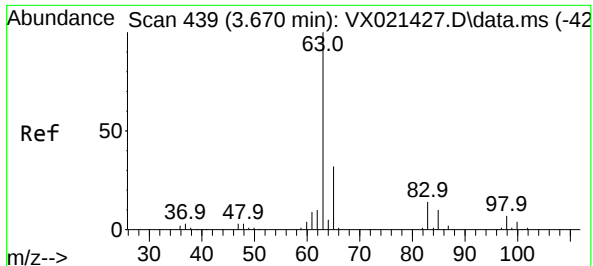


#23  
Vinyl Acetate  
Concen: 0.93 ug/l  
RT: 3.794 min Scan# 460  
Delta R.T. 0.012 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 43 Resp: 2430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 11.4  | 9.9   | 14.9  |

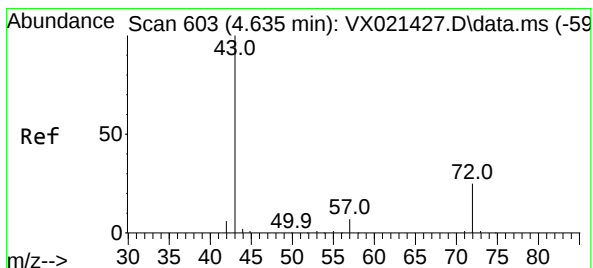
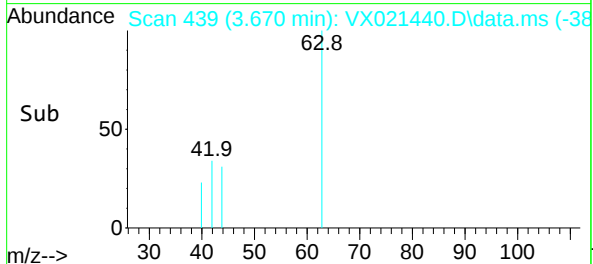
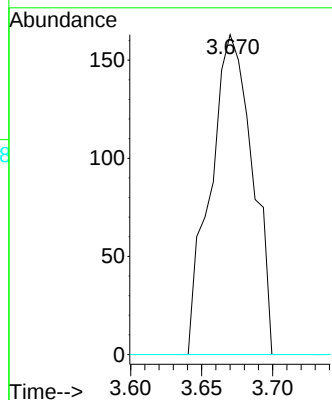
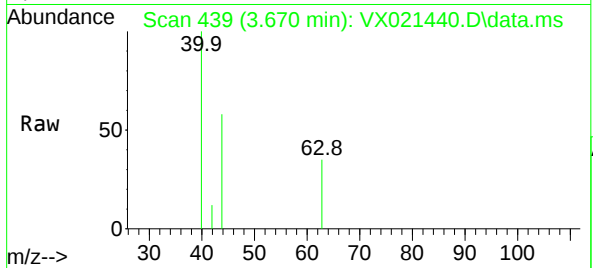




#24  
1,1-Dichloroethane  
Concen: 0.20 ug/l  
RT: 3.670 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

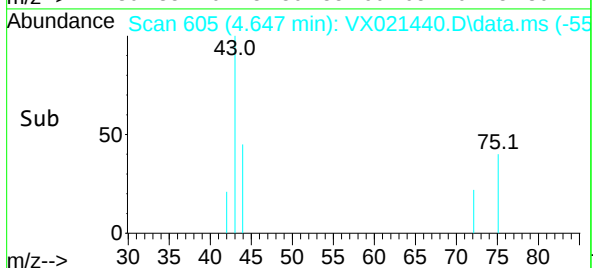
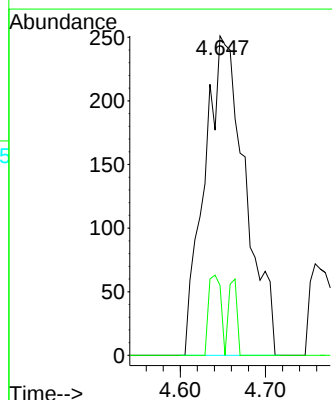
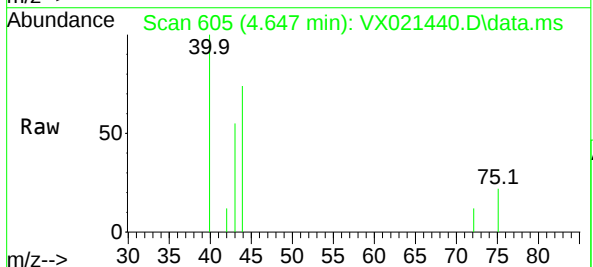
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

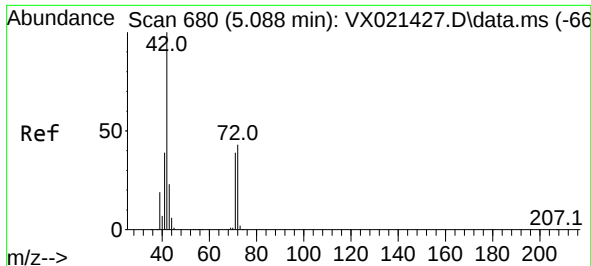
Tgt Ion: 63 Resp: 336  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.8 11.2#  
100 0.0 2.5 7.5#



#25  
2-Butanone  
Concen: 1.13 ug/l  
RT: 4.647 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 43 Resp: 835  
Ion Ratio Lower Upper  
43 100  
72 21.9 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 5.100 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021440.D

Acq: 24 Mar 2021 16:55

Tgt Ion: 42 Resp: 318

Ion Ratio Lower Upper

42 100

72 47.8 41.7 62.5

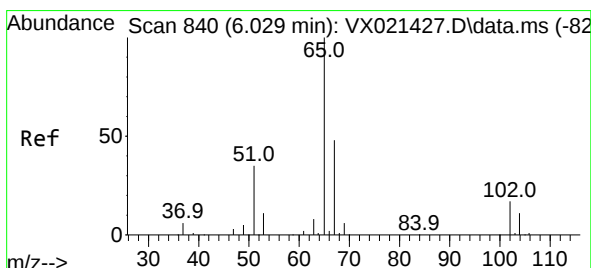
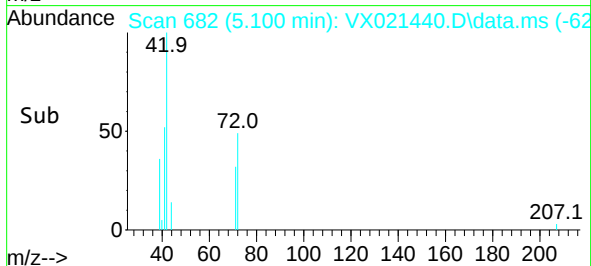
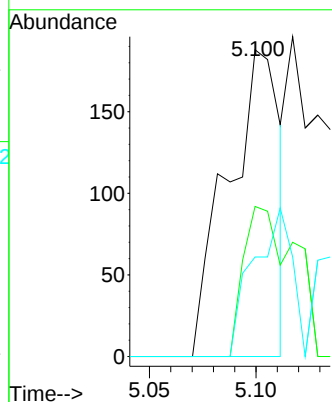
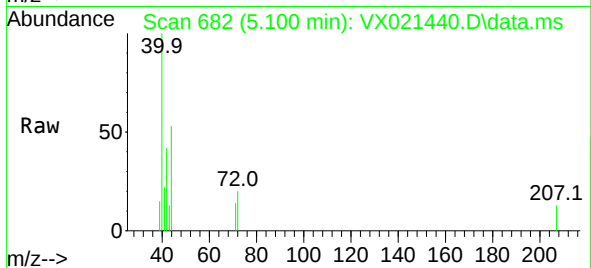
71 36.2 38.4 57.6#

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021



#33

1,2-Dichloroethane-d4

Concen: 50.63 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021440.D

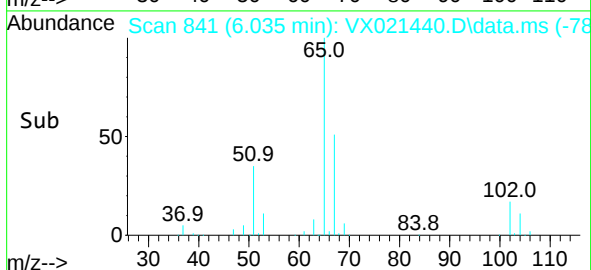
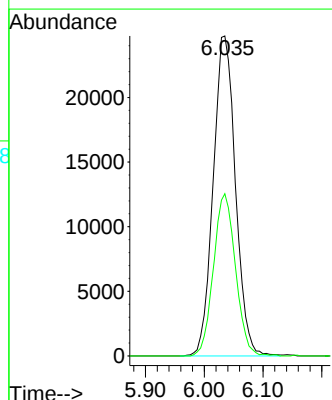
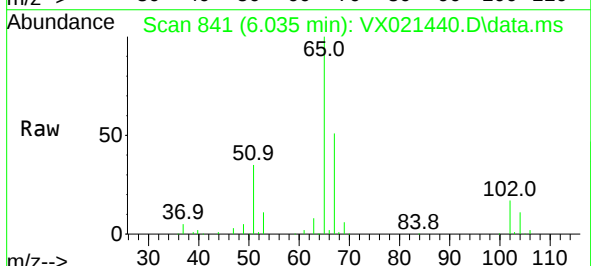
Acq: 24 Mar 2021 16:55

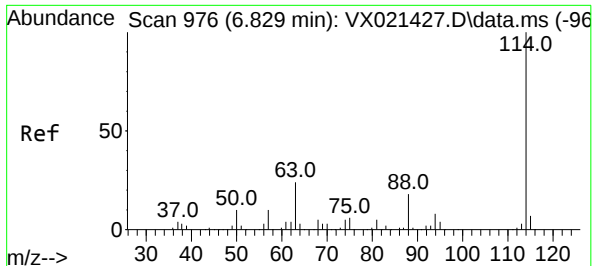
Tgt Ion: 65 Resp: 65232

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.4

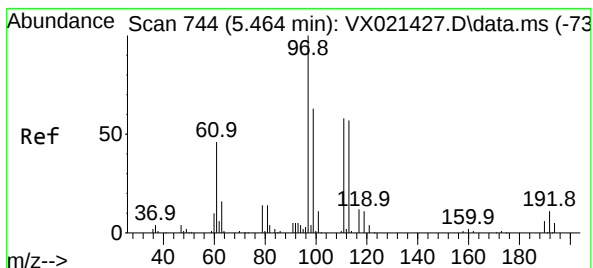
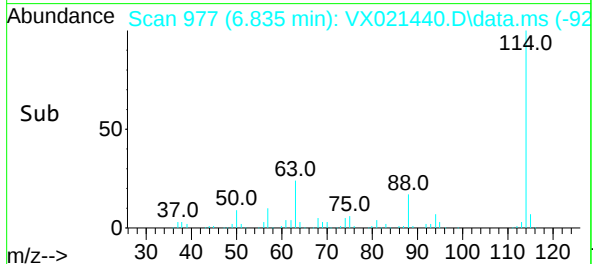
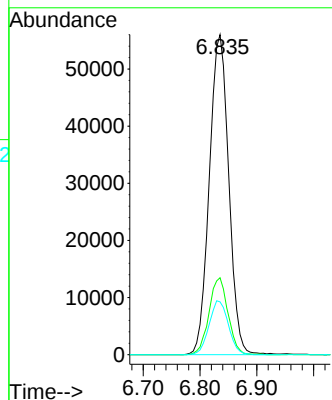
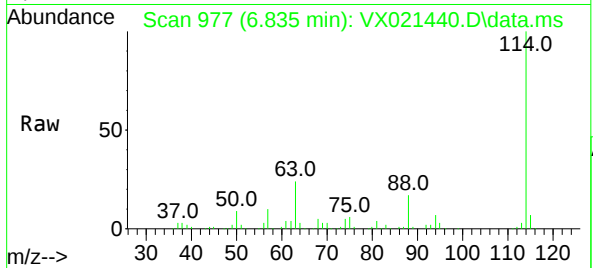




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.835 min Scan# 977  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

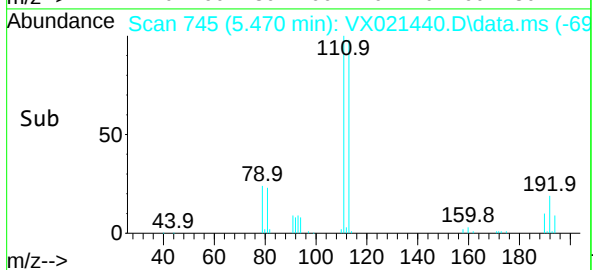
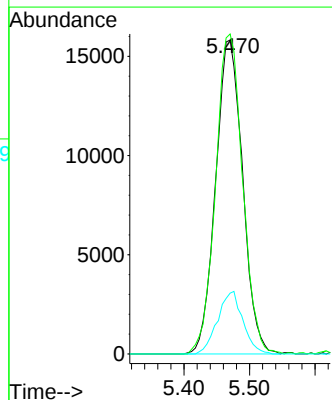
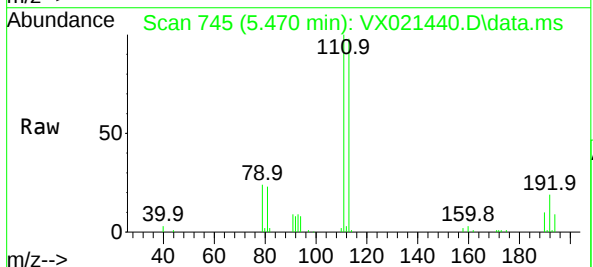
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

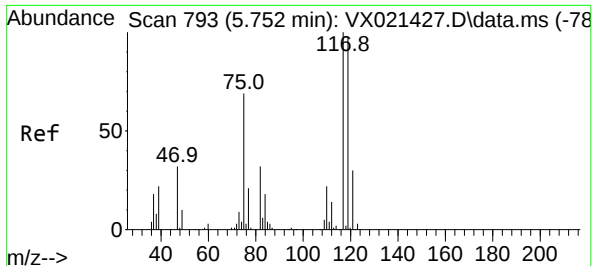
Tgt Ion:114 Resp: 132738  
Ion Ratio Lower Upper  
114 100  
63 24.0 0.0 40.8  
88 16.5 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.98 ug/l  
RT: 5.470 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:113 Resp: 45235  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.9 122.9  
192 18.6 16.7 25.1

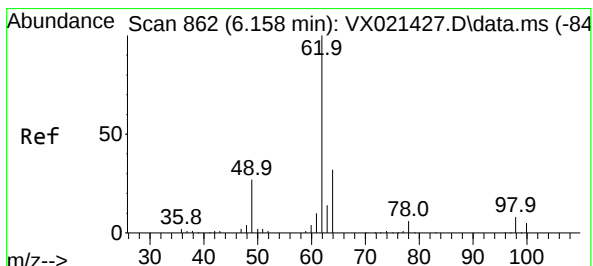
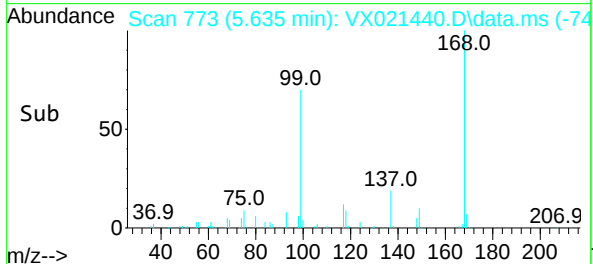
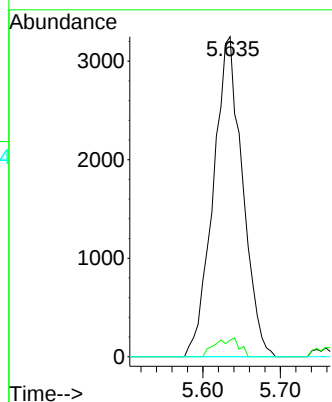
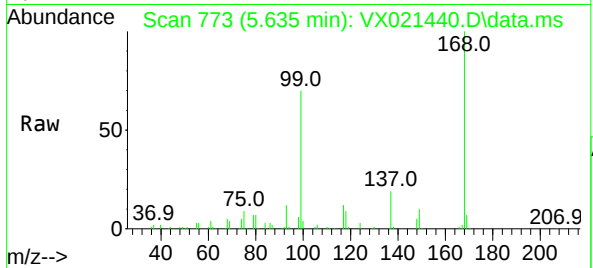




#38  
Carbon Tetrachloride  
Concen: 6.11 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. -0.117 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

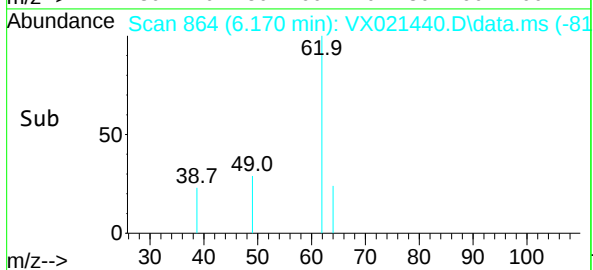
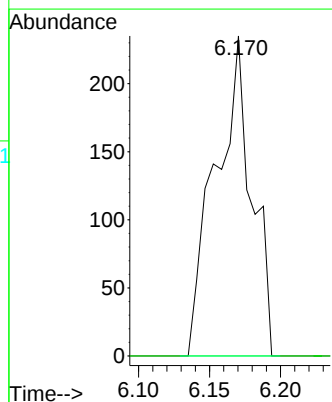
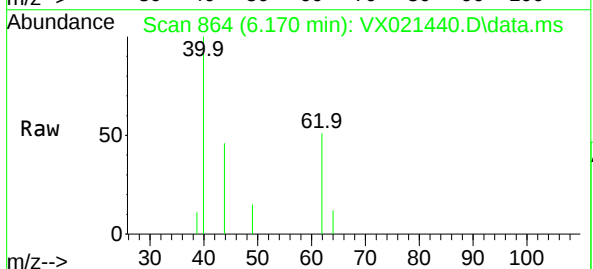
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

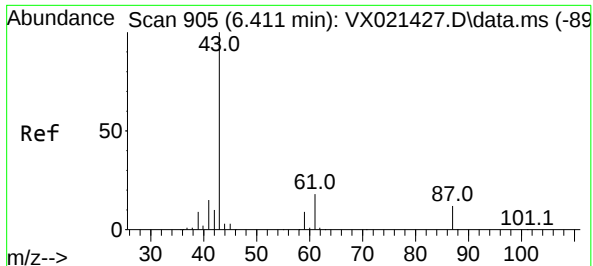
Tgt Ion:117 Resp: 8534  
Ion Ratio Lower Upper  
117 100  
119 5.1 76.2 114.2#  
121 0.0 24.8 37.2#



#42  
1,2-Dichloroethane  
Concen: 0.26 ug/l  
RT: 6.170 min Scan# 864  
Delta R.T. 0.012 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 62 Resp: 418  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 20.2

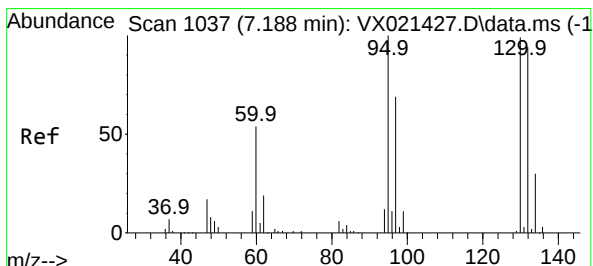
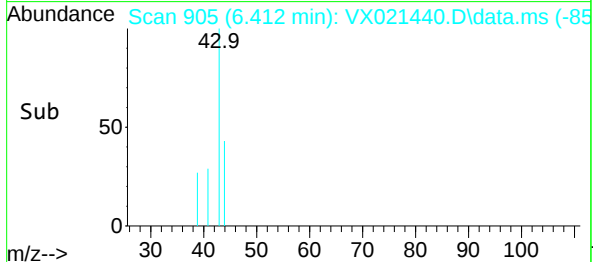
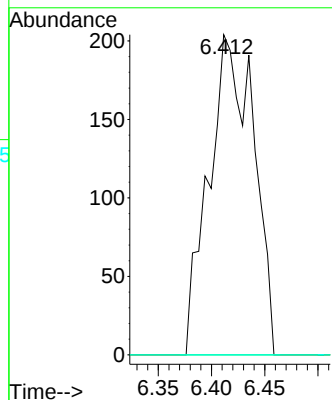
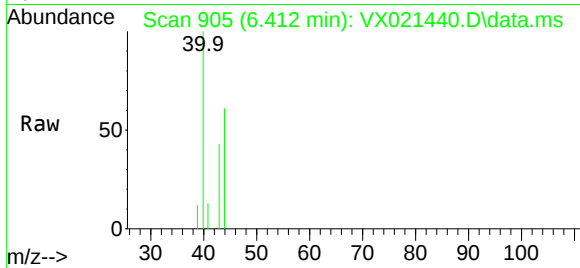




#43  
Isopropyl Acetate  
Concen: 0.24 ug/l  
RT: 6.412 min Scan# 905  
Delta R.T. 0.001 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

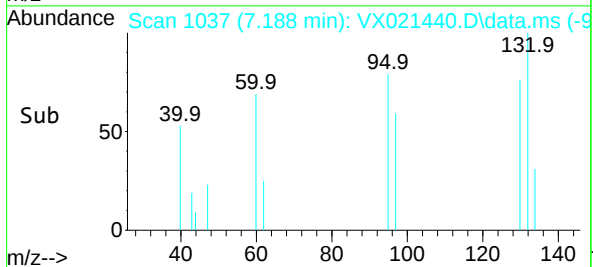
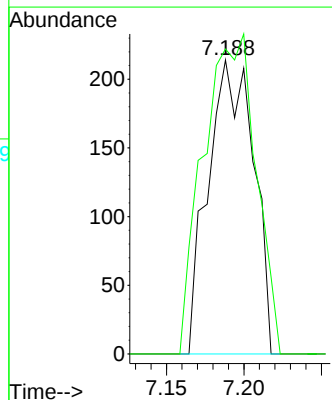
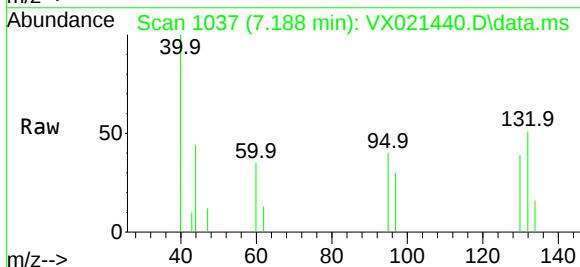
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

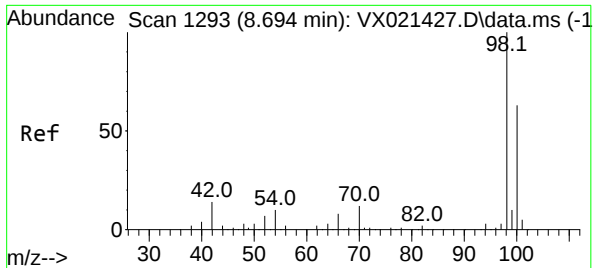
Tgt Ion: 43 Resp: 595  
Ion Ratio Lower Upper  
43 100  
61 0.0 18.2 27.4#  
87 0.0 12.5 18.7#



#44  
Trichloroethene  
Concen: 0.45 ug/l  
RT: 7.188 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:130 Resp: 436  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 198.0

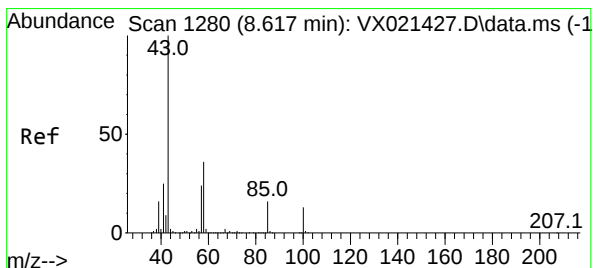
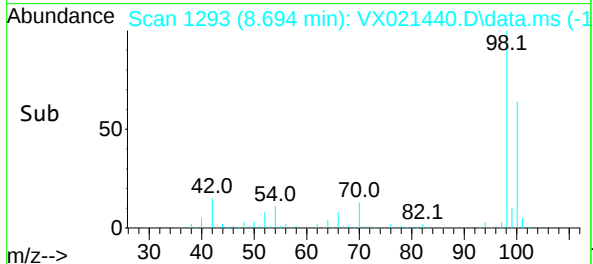
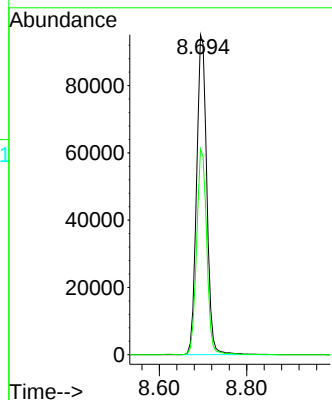
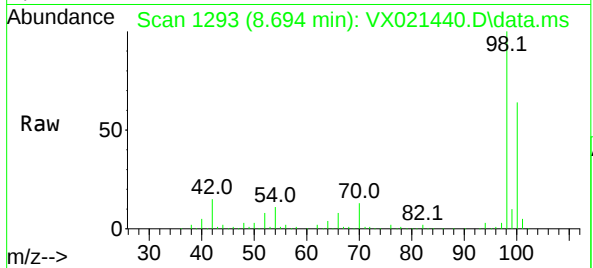




#50  
Toluene-d8  
Concen: 45.90 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

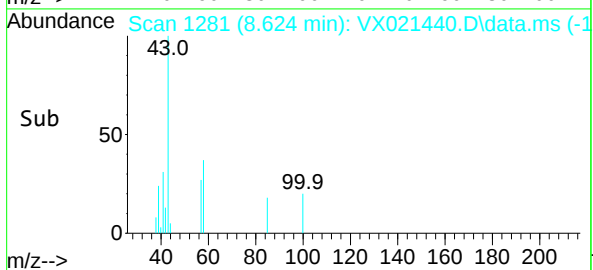
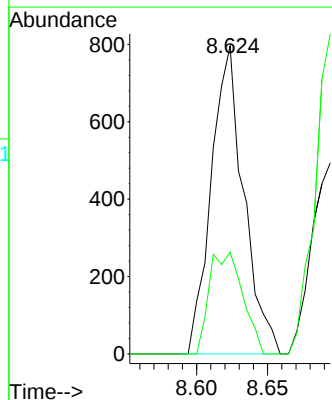
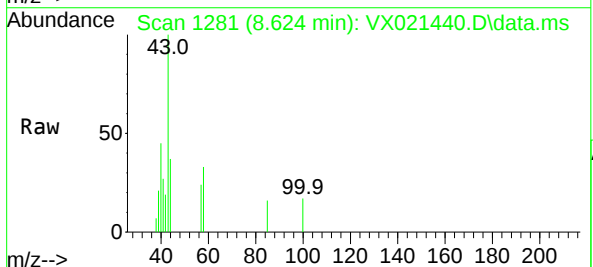
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

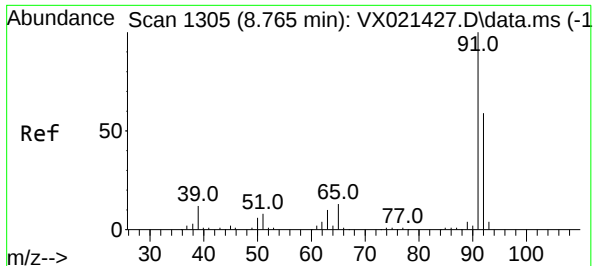
Tgt Ion: 98 Resp: 154207  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.84 ug/l  
RT: 8.624 min Scan# 1281  
Delta R.T. 0.007 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 43 Resp: 1264  
Ion Ratio Lower Upper  
43 100  
58 34.1 35.4 53.0#





#52

Toluene

Concen: 0.21 ug/l

RT: 8.771 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VX021440.D

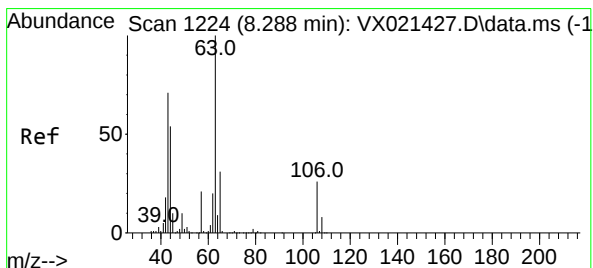
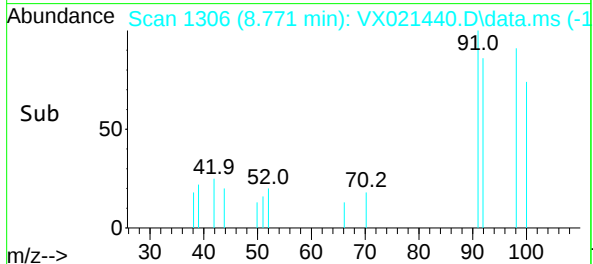
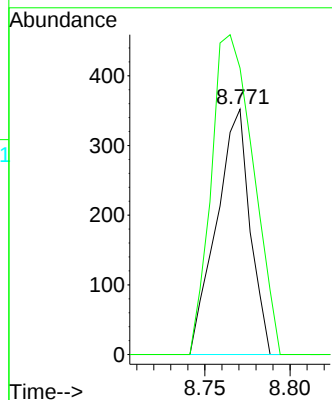
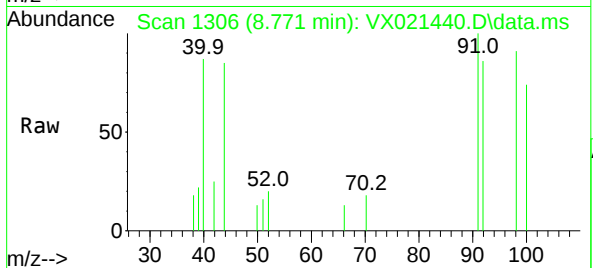
Acq: 24 Mar 2021 16:55

Tgt Ion: 92 Resp: 482

Ion Ratio Lower Upper

92 100

91 163.1 137.1 205.7



#58

2-Chloroethyl Vinyl ether

Concen: 2.02 ug/l

RT: 8.294 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VX021440.D

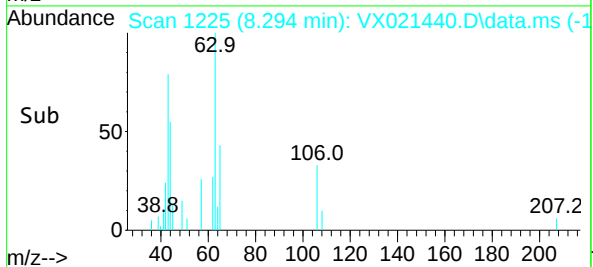
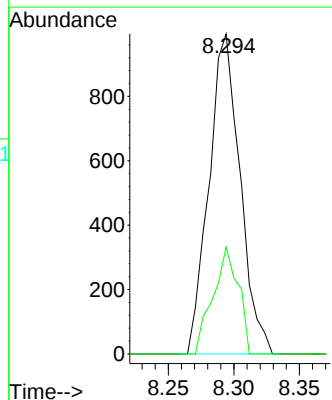
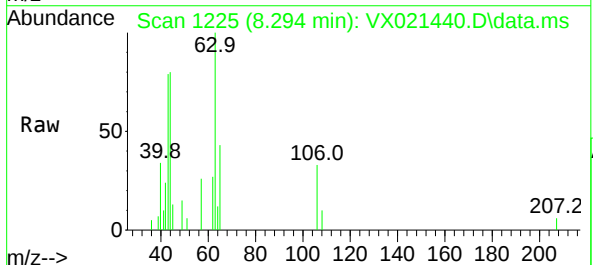
Acq: 24 Mar 2021 16:55

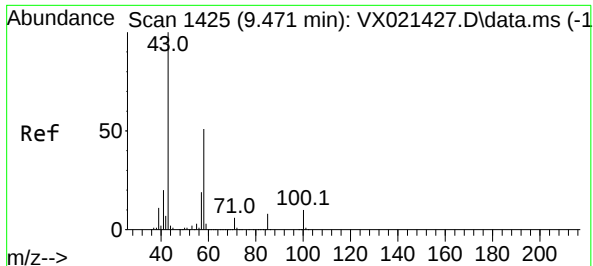
Tgt Ion: 63 Resp: 1640

Ion Ratio Lower Upper

63 100

106 27.1 23.5 35.3

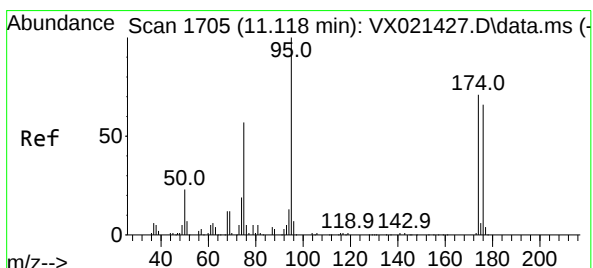
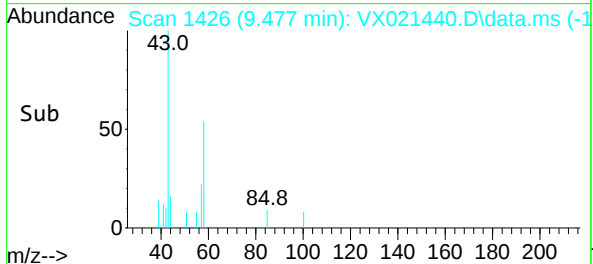
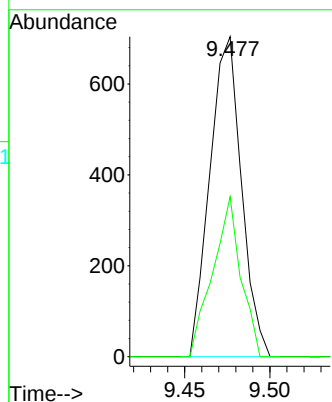
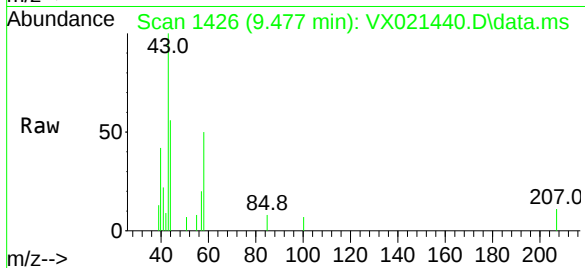




#59  
2-Hexanone  
Concen: 0.81 ug/l  
RT: 9.477 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

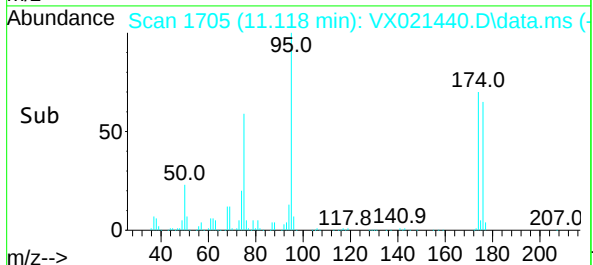
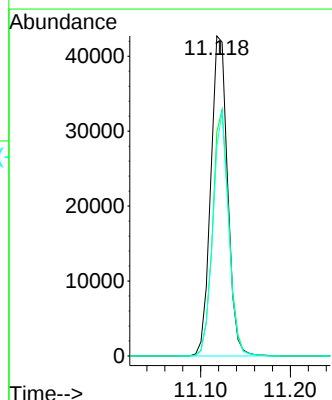
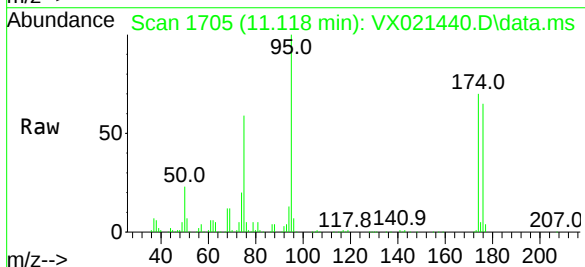
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

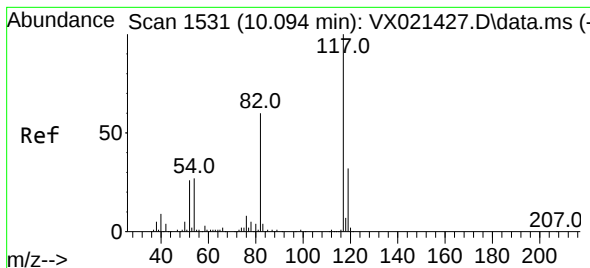
Tgt Ion: 43 Resp: 908  
Ion Ratio Lower Upper  
43 100  
58 44.4 30.9 92.8



#62  
4-Bromofluorobenzene  
Concen: 42.57 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 95 Resp: 55609  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 154.6  
176 71.3 0.0 155.8

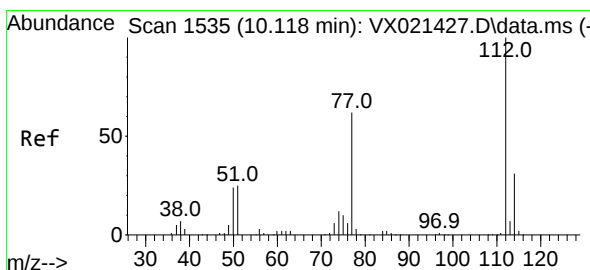
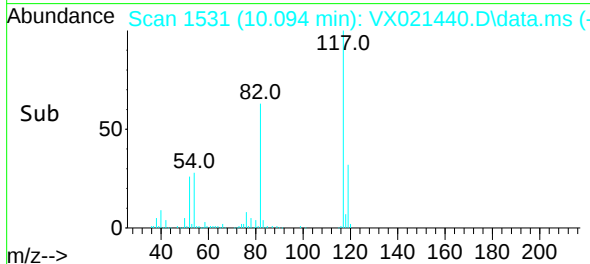
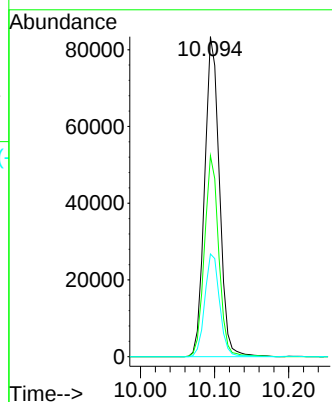
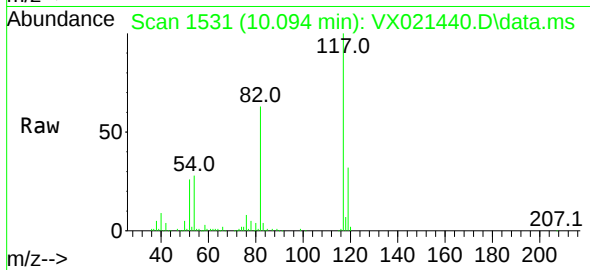




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

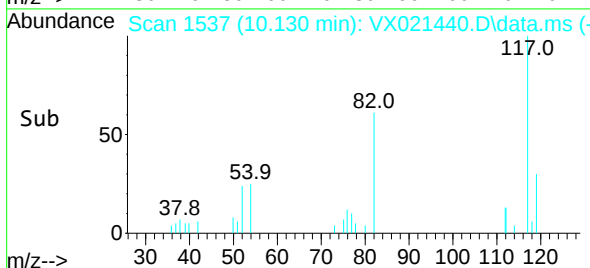
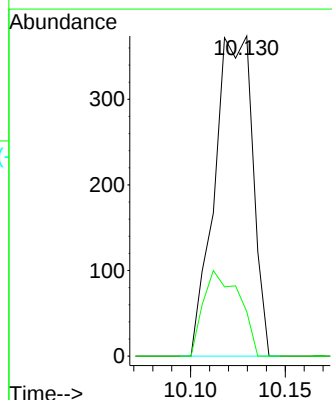
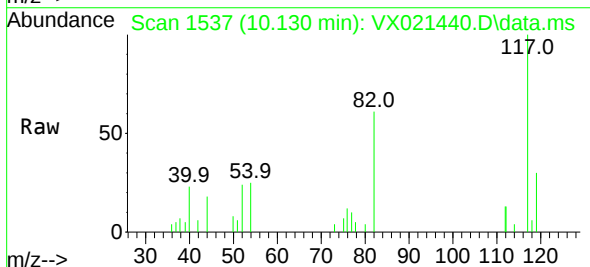
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

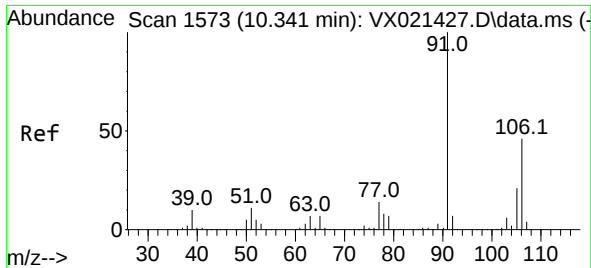
Tgt Ion:117 Resp: 115920  
Ion Ratio Lower Upper  
117 100  
82 62.8 47.4 71.2  
119 32.1 26.6 39.8



#65  
Chlorobenzene  
Concen: 0.22 ug/l  
RT: 10.130 min Scan# 1537  
Delta R.T. 0.012 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:112 Resp: 523  
Ion Ratio Lower Upper  
112 100  
114 13.9 25.8 38.6#

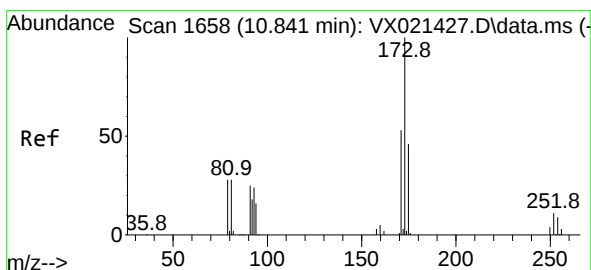
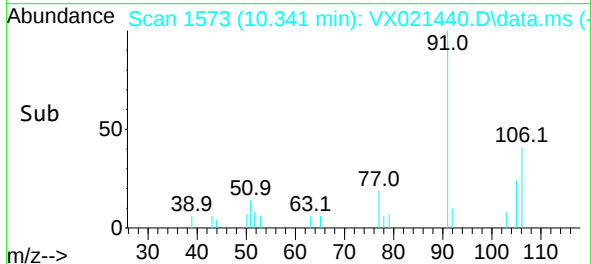
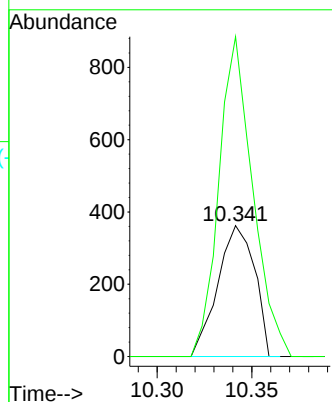
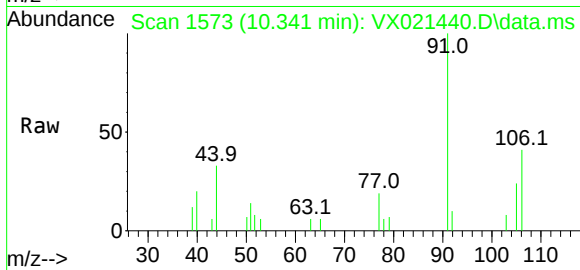




#68  
m/p-Xylenes  
Concen: 0.32 ug/l  
RT: 10.341 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

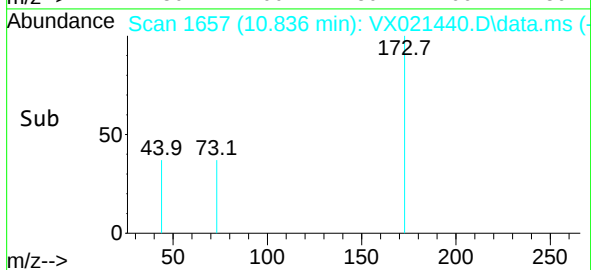
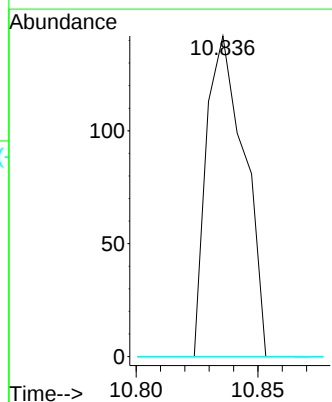
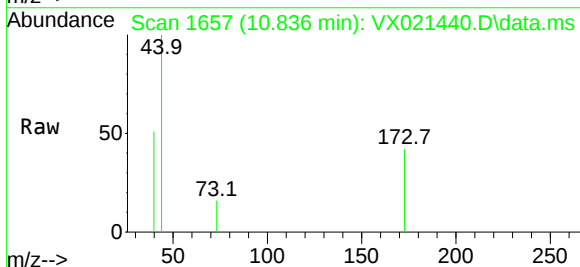
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

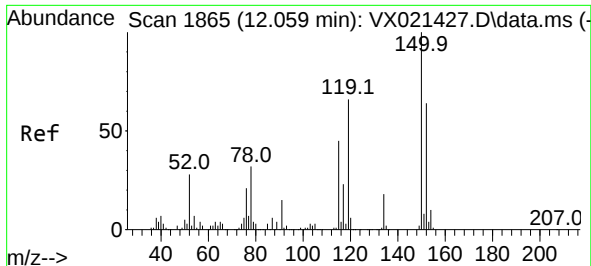
Tgt Ion:106 Resp: 491  
Ion Ratio Lower Upper  
106 100  
91 224.2 162.8 244.2



#71  
Bromoform  
Concen: 0.21 ug/l  
RT: 10.836 min Scan# 1657  
Delta R.T. -0.005 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:173 Resp: 154  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.9 71.8#  
254 0.0 0.1 0.1#

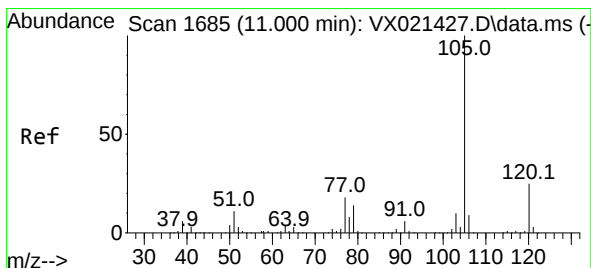
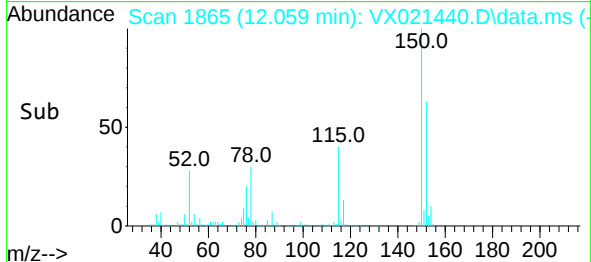
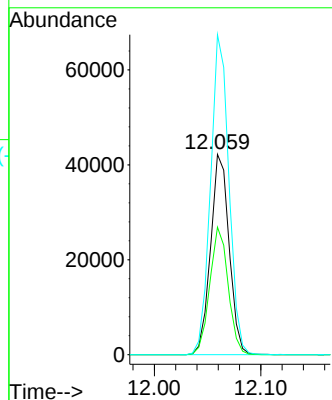
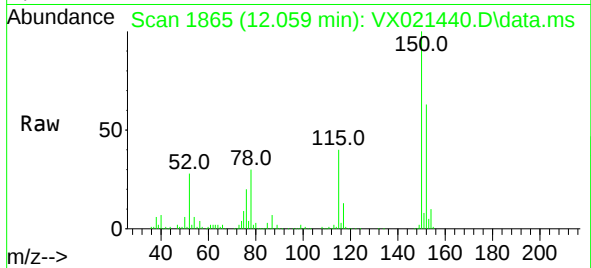




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

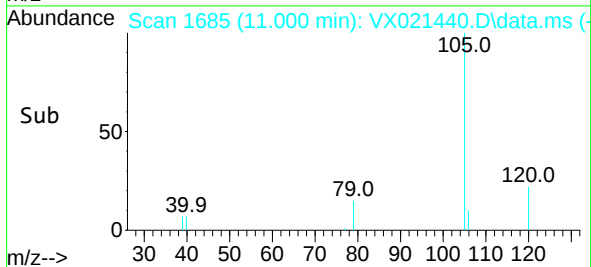
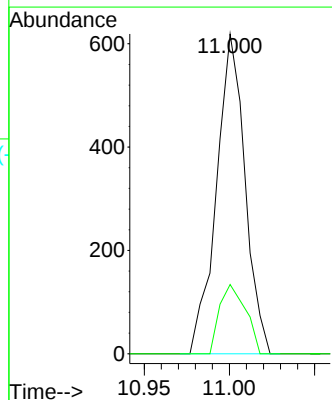
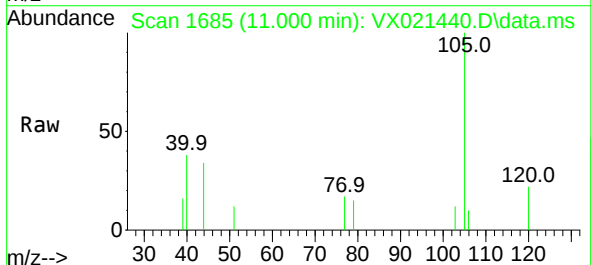
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

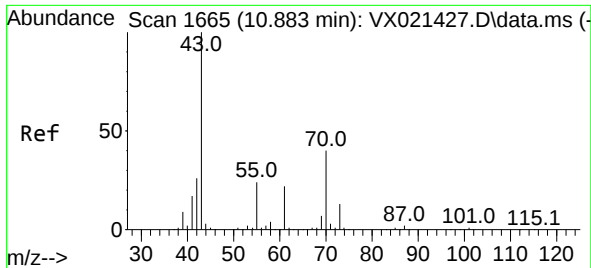
Tgt Ion:152 Resp: 51074  
Ion Ratio Lower Upper  
152 100  
115 63.0 41.1 123.3  
150 157.8 0.0 349.0



#73  
Isopropylbenzene  
Concen: 0.20 ug/l  
RT: 11.000 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:105 Resp: 722  
Ion Ratio Lower Upper  
105 100  
120 19.8 13.2 39.6

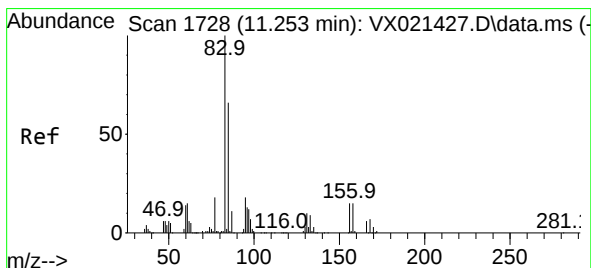
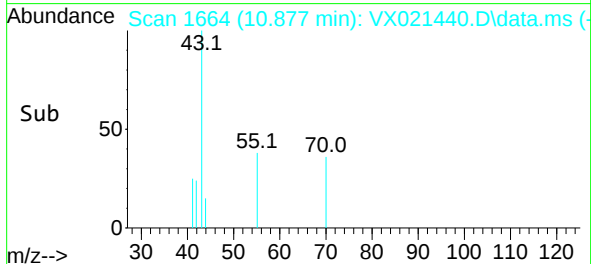
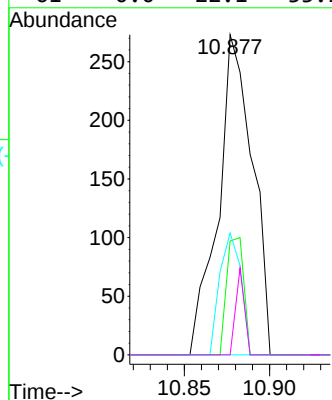
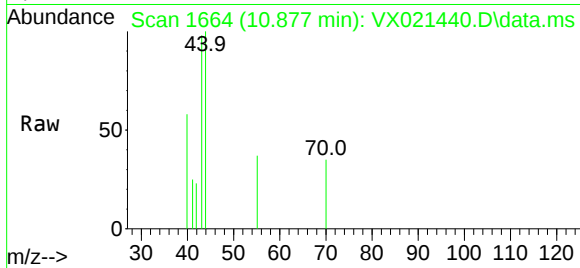




#74  
N-amy1 acetate  
Concen: 0.22 ug/l  
RT: 10.877 min Scan# 1664  
Delta R.T. -0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

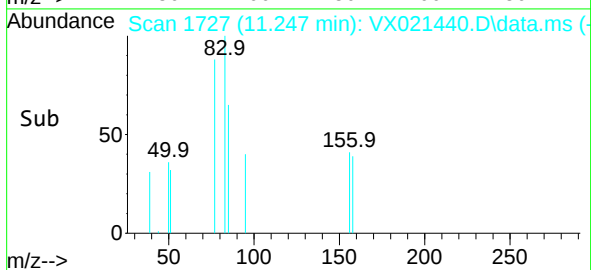
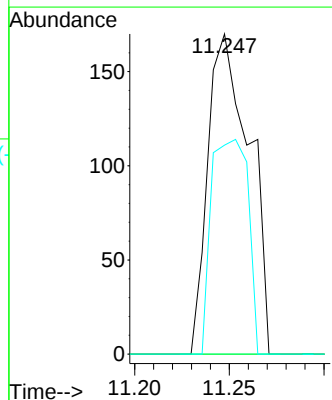
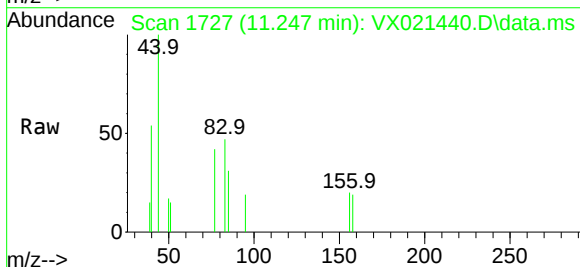
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

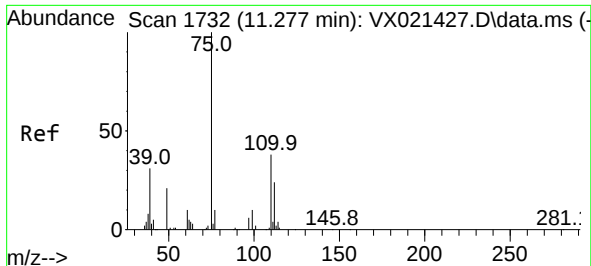
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 382   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 18.3  | 39.0  | 58.6# |
| 55       | 23.3  | 21.5  | 32.3  |
| 61       | 0.0   | 22.1  | 33.1# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.20 ug/l  
RT: 11.247 min Scan# 1727  
Delta R.T. -0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 259   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 5.1   | 15.2# |
| 85       | 59.1  | 31.8  | 95.4  |

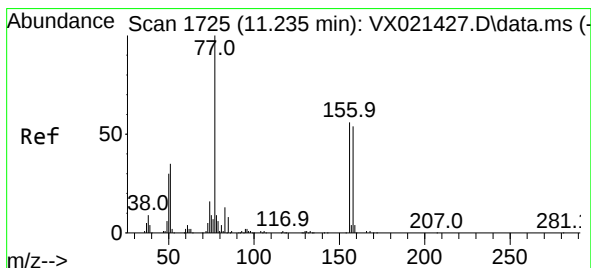
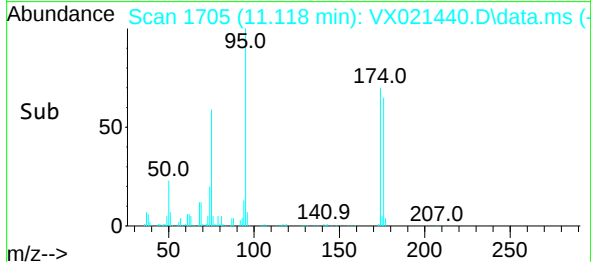
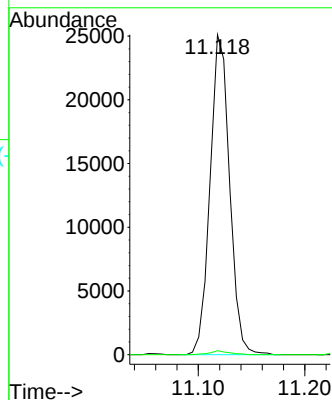
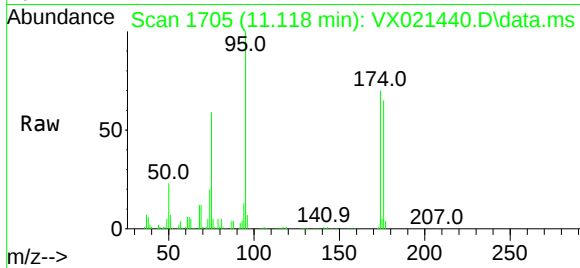




#76  
1,2,3-Trichloropropane  
Concen: 26.87 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.159 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

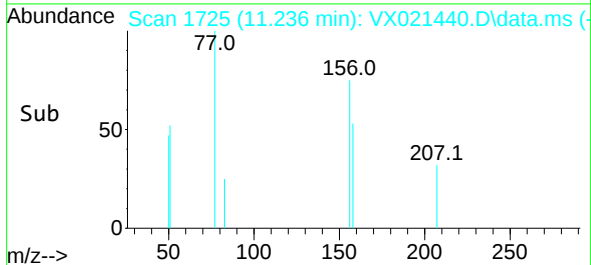
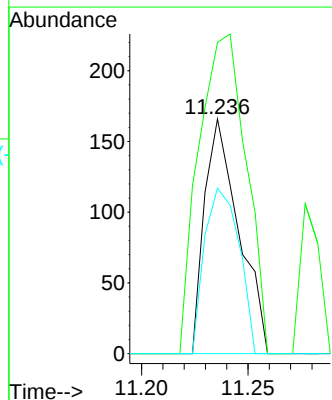
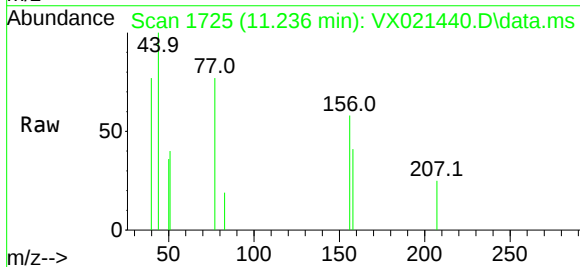
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

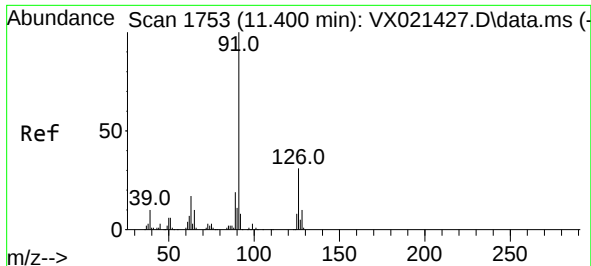
Tgt Ion: 75 Resp: 31954  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.1 57.5#



#77  
Bromobenzene  
Concen: 0.21 ug/l  
RT: 11.236 min Scan# 1725  
Delta R.T. 0.001 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:156 Resp: 186  
Ion Ratio Lower Upper  
156 100  
77 187.6 82.8 248.6  
158 71.0 49.1 147.4

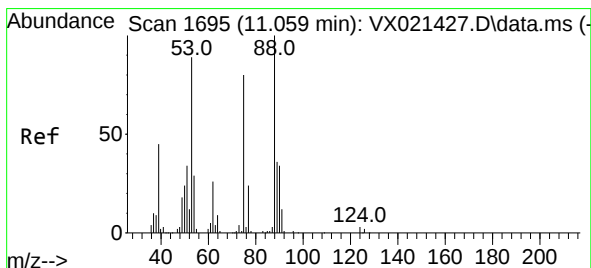
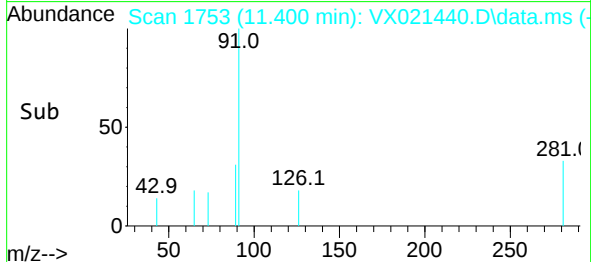
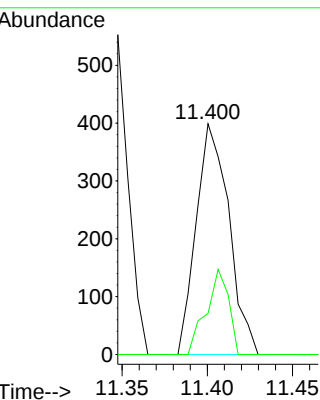
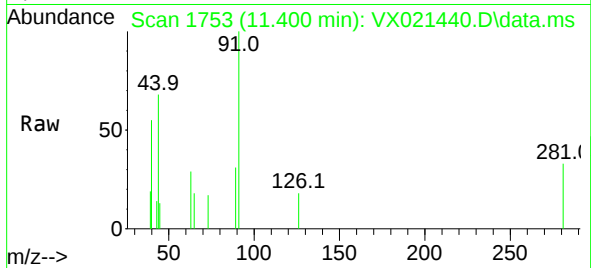




#79  
2-Chlorotoluene  
Concen: 0.21 ug/l  
RT: 11.400 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

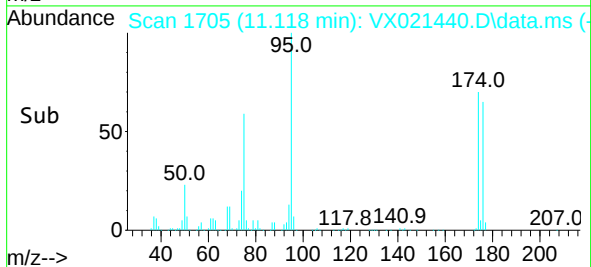
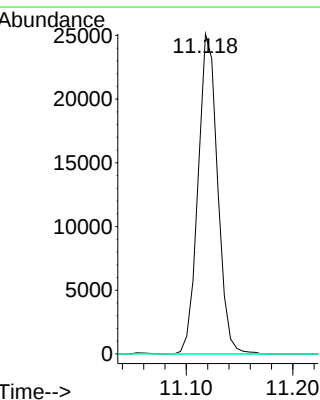
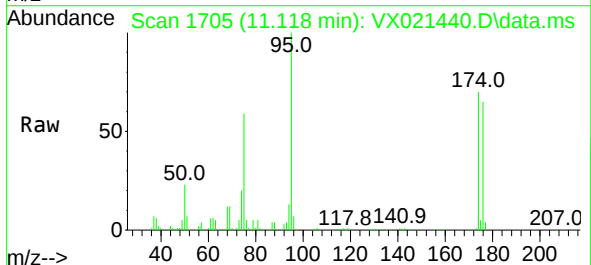
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

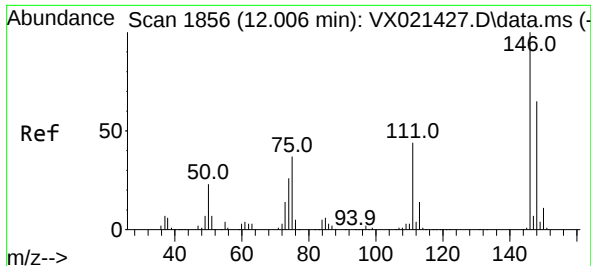
Tgt Ion: 91 Resp: 533  
Ion Ratio Lower Upper  
91 100  
126 25.1 16.6 49.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 81.86 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.059 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 75 Resp: 31954  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

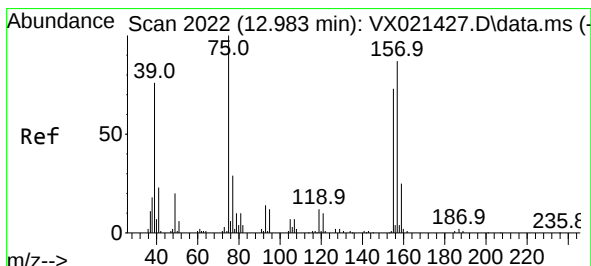
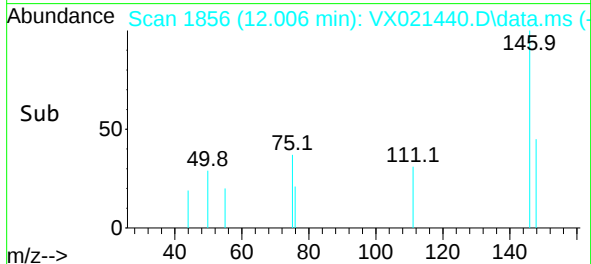
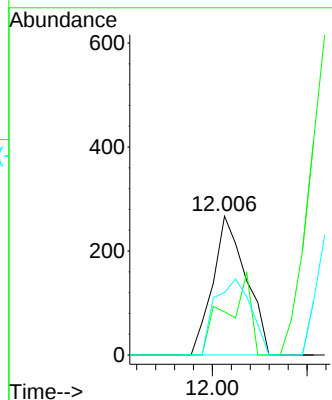
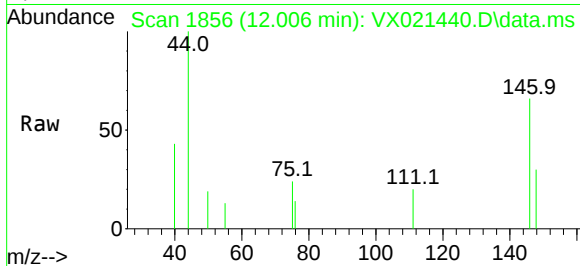




#87  
1,3-Dichlorobenzene  
Concen: 0.20 ug/l  
RT: 12.006 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

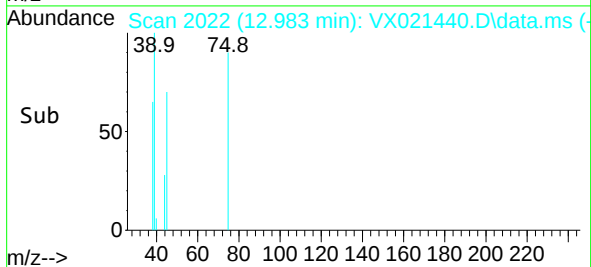
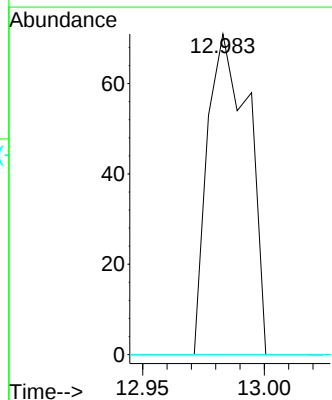
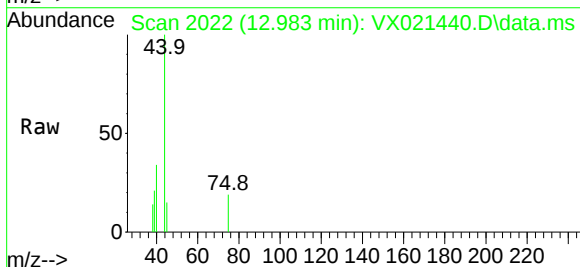
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

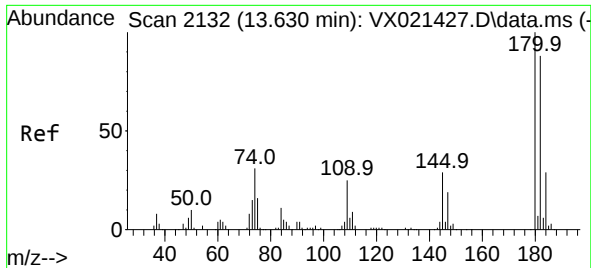
Tgt Ion:146 Resp: 327  
Ion Ratio Lower Upper  
146 100  
111 43.7 20.2 60.5  
148 59.0 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.28 ug/l  
RT: 12.983 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion: 75 Resp: 83  
Ion Ratio Lower Upper  
75 100  
155 0.0 45.3 135.9#  
157 0.0 57.7 173.1#

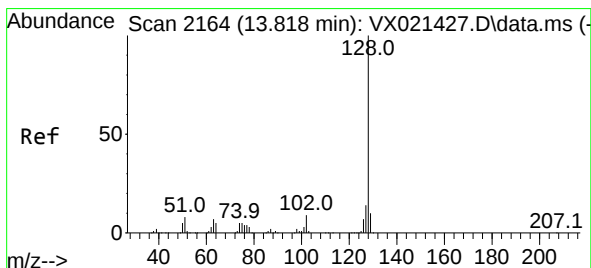
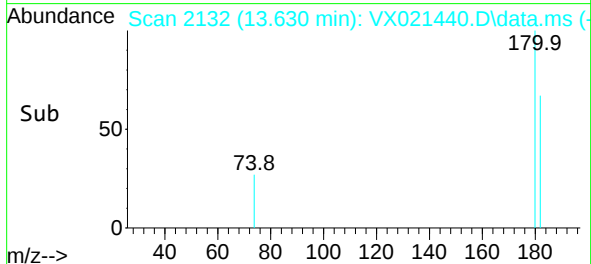
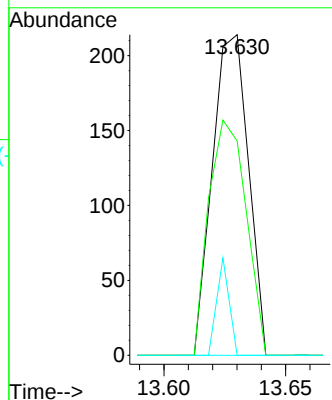
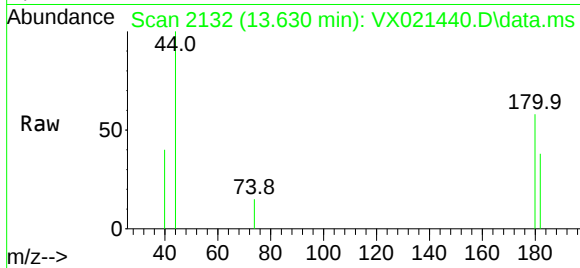




#93  
1,2,4-Trichlorobenzene  
Concen: 0.22 ug/l  
RT: 13.630 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:180 Resp: 220  
Ion Ratio Lower Upper  
180 100  
182 75.9 47.7 143.1  
145 10.5 15.0 45.0#



#95  
Naphthalene  
Concen: 0.20 ug/l  
RT: 13.812 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VX021440.D  
Acq: 24 Mar 2021 16:55

Tgt Ion:128 Resp: 668  
Ion Ratio Lower Upper  
128 100  
127 9.0 10.3 15.5#  
129 10.0 8.8 13.2

