

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102422\  
 Data File : VN074999.D  
 Acq On : 24 Oct 2022 21:27  
 Operator : JC\MD  
 Sample : N5222-05MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2MS

Quant Time: Oct 25 06:52:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 21 09:37:47 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 483175   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 904672   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 1082322  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 938655   | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 610921   | 47.588   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.180%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 478453   | 44.433   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 88.860%  |
| 50) Toluene-d8              | 10.571 | 98    | 2011114  | 48.679   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 97.360%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 863539   | 59.256   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 118.520% |

|                              |       |     |          |         |      |      |
|------------------------------|-------|-----|----------|---------|------|------|
| Target Compounds             |       |     |          | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 280392   | 37.123  | ug/l | 100  |
| 3) Chloromethane             | 2.371 | 50  | 350628   | 45.214  | ug/l | 93   |
| 4) Vinyl Chloride            | 2.524 | 62  | 521693   | 44.512  | ug/l | 99   |
| 5) Bromomethane              | 2.936 | 94  | 400667   | 42.133  | ug/l | 96   |
| 6) Chloroethane              | 3.112 | 64  | 404545   | 45.478  | ug/l | 91   |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 566611   | 45.503  | ug/l | 94   |
| 8) Diethyl Ether             | 3.971 | 74  | 230916   | 40.327  | ug/l | 99   |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 331002   | 44.893  | ug/l | 99   |
| 10) Methyl Iodide            | 4.595 | 142 | 467206   | 43.246  | ug/l | 98   |
| 11) Tert butyl alcohol       | 5.542 | 59  | 541228   | 199.413 | ug/l | 98   |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 293740   | 44.266  | ug/l | 94   |
| 13) Acrolein                 | 4.195 | 56  | 351373   | 265.772 | ug/l | # 70 |
| 14) Allyl chloride           | 5.036 | 41  | 403778   | 34.346  | ug/l | 85   |
| 15) Acrylonitrile            | 5.736 | 53  | 1184412  | 215.729 | ug/l | 98   |
| 16) Acetone                  | 4.442 | 43  | 1178640  | 270.238 | ug/l | 100  |
| 17) Carbon Disulfide         | 4.724 | 76  | 547588   | 40.007  | ug/l | 99   |
| 18) Methyl Acetate           | 5.042 | 43  | 674681   | 41.382  | ug/l | 98   |
| 19) Methyl tert-butyl Ether  | 5.812 | 73  | 1759028  | 56.431  | ug/l | # 1  |
| 20) Methylene Chloride       | 5.283 | 84  | 394625   | 45.544  | ug/l | # 88 |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 333074   | 42.666  | ug/l | 92   |
| 22) Diisopropyl ether        | 6.683 | 45  | 1200109  | 44.608  | ug/l | 98   |
| 23) Vinyl Acetate            | 6.618 | 43  | 4320669  | 204.022 | ug/l | 96   |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 732184   | 44.014  | ug/l | 99   |
| 25) 2-Butanone               | 7.495 | 43  | 1727610  | 220.910 | ug/l | 100  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 552721   | 35.157  | ug/l | 97   |
| 27) cis-1,2-Dichloroethene   | 7.495 | 96  | 475571   | 44.098  | ug/l | 96   |
| 28) Bromochloromethane       | 7.824 | 49  | 320959   | 46.303  | ug/l | 98   |
| 29) Tetrahydrofuran          | 7.847 | 42  | 1043106  | 216.265 | ug/l | 99   |
| 30) Chloroform               | 7.977 | 83  | 889960   | 47.346  | ug/l | 100  |
| 31) Cyclohexane              | 8.265 | 56  | 1220831  | 93.081  | ug/l | # 92 |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 727586   | 43.018  | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 546042   | 40.266  | ug/l | 98   |
| 37) Ethyl Acetate            | 7.571 | 43  | 624480   | 39.108  | ug/l | 99   |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 608939   | 41.250  | ug/l | 94   |
| 39) Methylcyclohexane        | 9.606 | 83  | 1426816  | 88.804  | ug/l | 97   |
| 40) Benzene                  | 8.612 | 78  | 10196343 | 243.889 | ug/l | 98   |

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 Operator : JC\MD  
 Sample : N5222-05MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Quant Time: Oct 25 06:52:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 21 09:37:47 2022  
 Response via : Initial Calibration

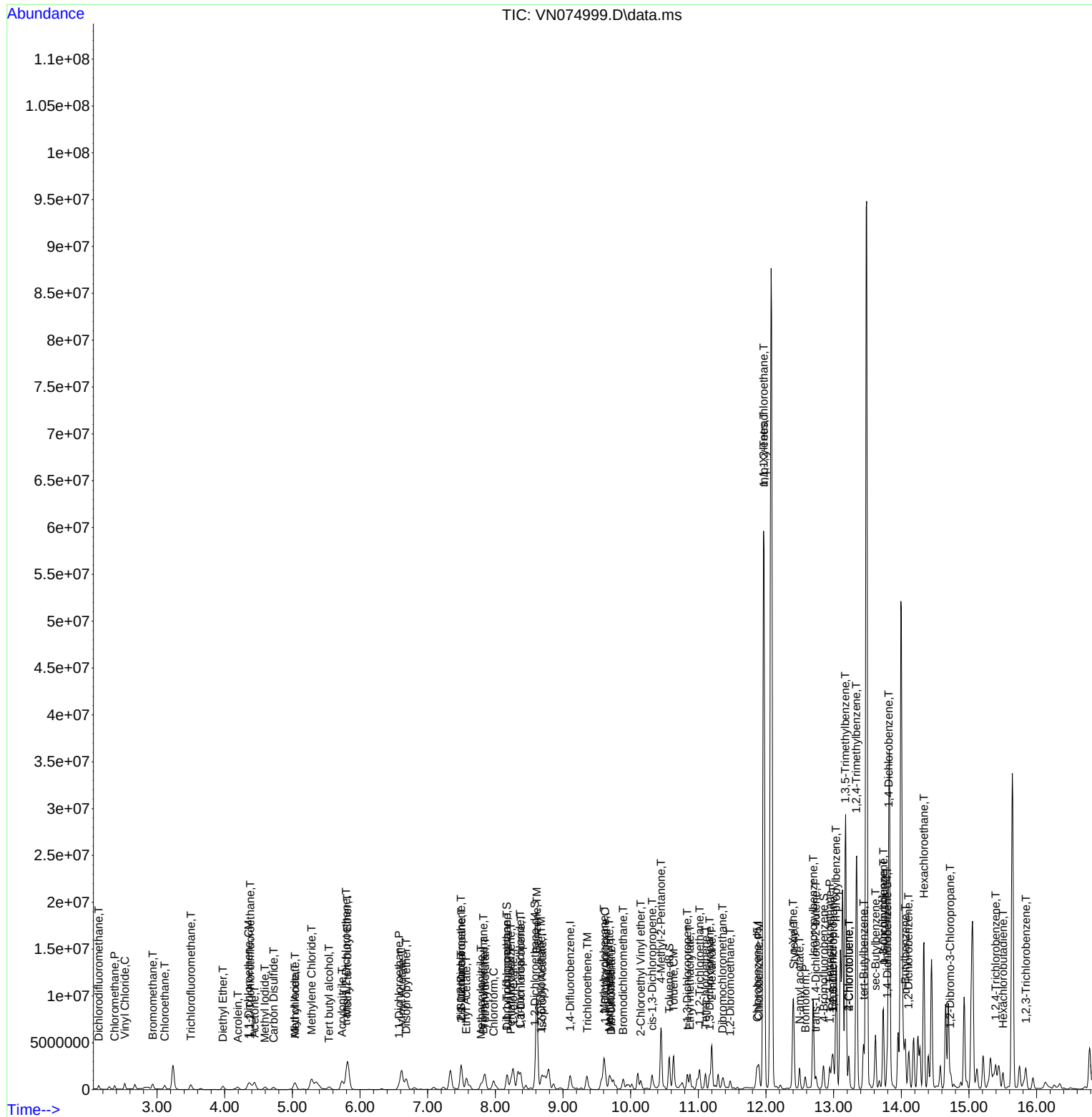
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 325381   | 40.598  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 654719   | 41.371  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 1182410  | 47.741  | ug/l   | 94       |
| 44) Trichloroethene           | 9.359  | 130  | 429019   | 41.810  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 474589   | 44.044  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 348718   | 44.255  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.888  | 83   | 742918   | 46.672  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.683  | 41   | 437119   | 40.363  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 248197   | 792.682 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 3696743  | 225.335 | ug/l   | 100      |
| 52) Toluene                   | 10.635 | 92   | 1571172  | 57.594  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 748627   | 47.670  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 780141   | 44.921  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 763087   | 66.658  | ug/l # | 83       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 859373   | 49.849  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 884853   | 45.528  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.147 | 63   | 2061     | 3.871   | ug/l # | 45       |
| 59) 2-Hexanone                | 11.200 | 43   | 2894276  | 232.626 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 579888   | 48.252  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 559145   | 48.441  | ug/l   | 93       |
| 64) Tetrachloroethene         | 11.106 | 164  | 350919   | 39.649  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 1396702  | 42.679  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 652913   | 52.933  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.965 | 106  | 15897512 | 701.681 | ug/l # | 1        |
| 69) o-Xylene                  | 12.400 | 106  | 2384378  | 105.059 | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 1982692  | 55.117  | ug/l   | 92       |
| 71) Bromoform                 | 12.582 | 173  | 481522   | 51.725  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 6600663  | 86.092  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 1086392  | 35.265  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 1001960  | 34.993  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 1248134  | 49.032  | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 674364   | 38.356  | ug/l   | 89       |
| 78) n-propylbenzene           | 13.035 | 91   | 10850470 | 120.922 | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.224 | 91   | 2044143  | 36.776  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 15371530 | 232.106 | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 287205   | 36.175  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 2044143  | 36.776  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 2487629  | 42.446  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.335 | 105  | 15783406 | 235.960 | ug/l   | 83       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 3995502  | 48.556  | ug/l   | 91       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 3231151  | 47.678  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 1426945  | 42.420  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 1443705  | 42.332  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 3067883  | 53.012  | ug/l # | 82       |
| 90) Hexachloroethane          | 14.335 | 117  | 1168691  | 89.007  | ug/l   | 62       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 1411226  | 40.929  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 244451   | 41.088  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 819095   | 54.588  | ug/l   | 92       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 324423   | 41.879  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 813672   | 53.881  | ug/l   | 93       |

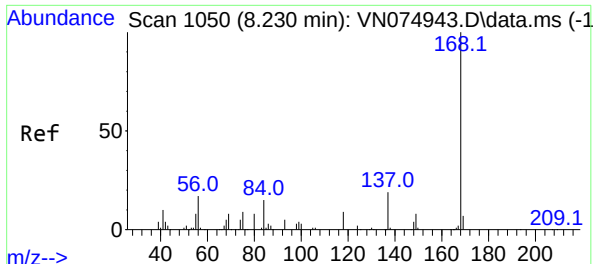
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
MW-2MS

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
MW-2MS

Quant Time: Oct 25 06:52:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 21 09:37:47 2022  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

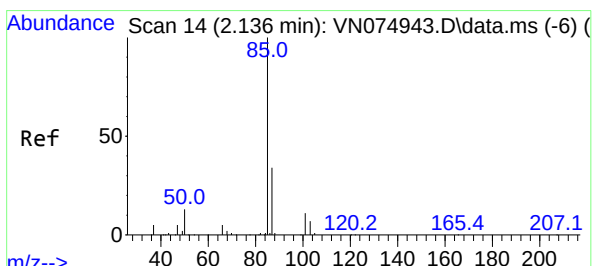
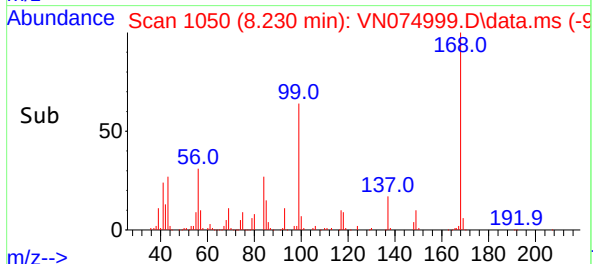
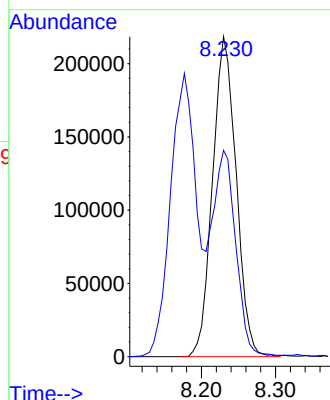
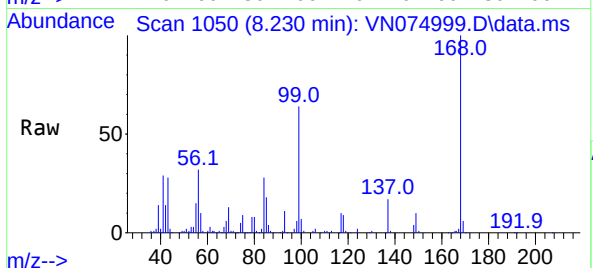
MW-2MS

Tgt Ion:168 Resp: 483175

Ion Ratio Lower Upper

168 100

99 64.0 52.2 78.4



Dichlorodifluoromethane

Concen: 37.123 ug/l

RT: 2.136 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN074999.D

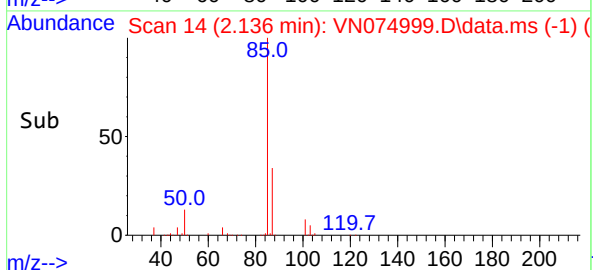
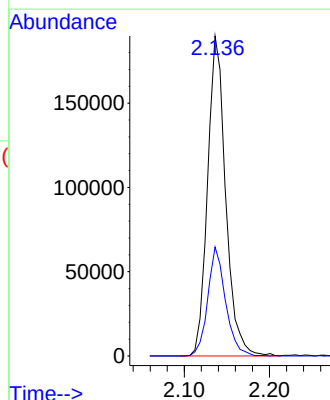
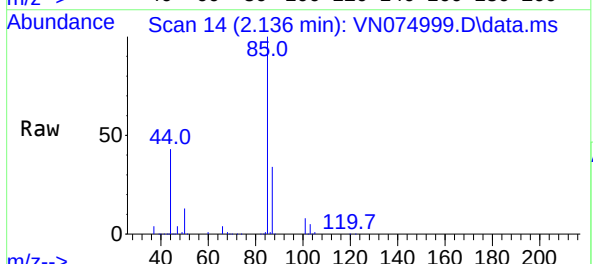
Acq: 24 Oct 2022 21:27

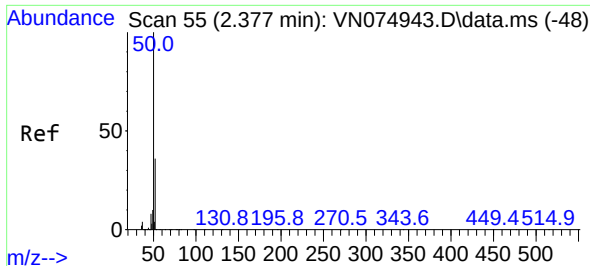
Tgt Ion: 85 Resp: 280392

Ion Ratio Lower Upper

85 100

87 34.0 17.1 51.2

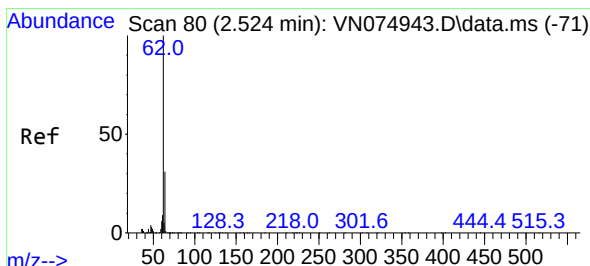
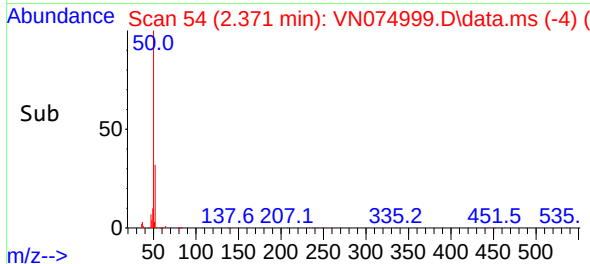
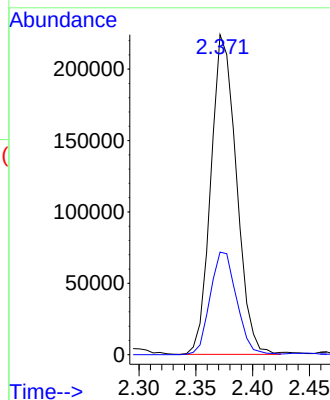
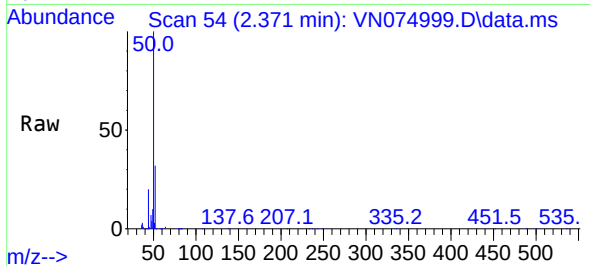




#3  
Chloromethane  
Concen: 45.214 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

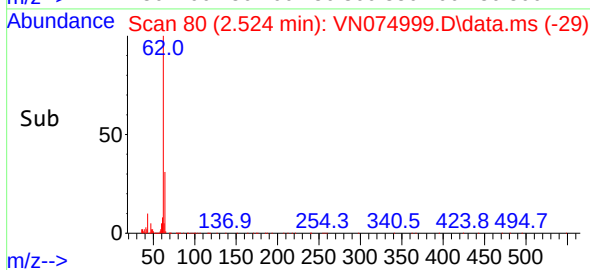
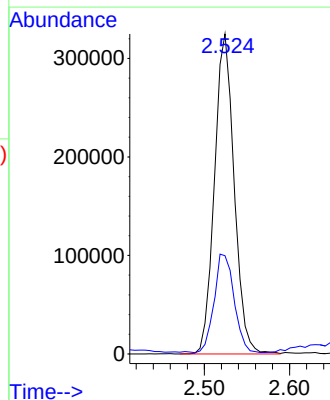
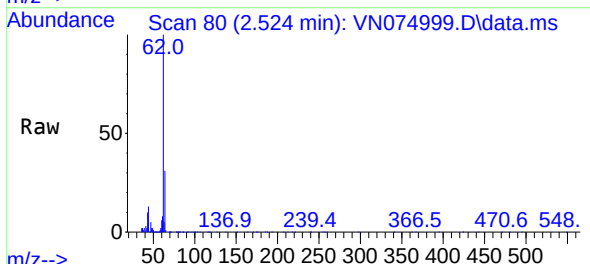
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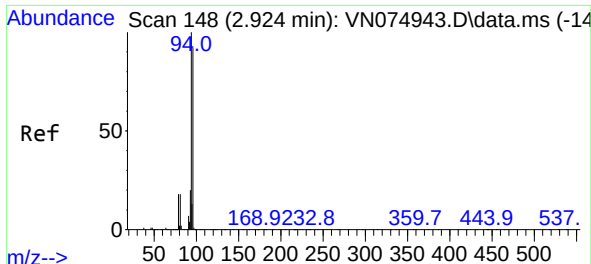
Tgt Ion: 50 Resp: 350628  
Ion Ratio Lower Upper  
50 100  
52 32.1 28.8 43.2



#4  
Vinyl Chloride  
Concen: 44.512 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 62 Resp: 521693  
Ion Ratio Lower Upper  
62 100  
64 30.2 24.5 36.7

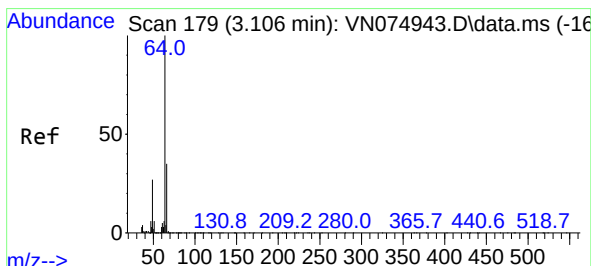
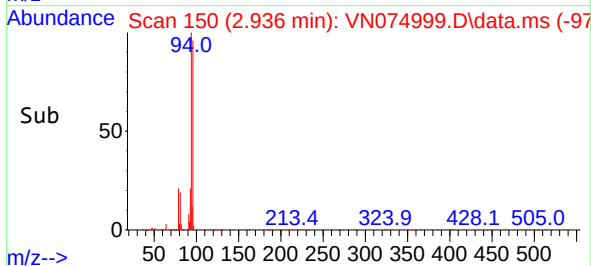
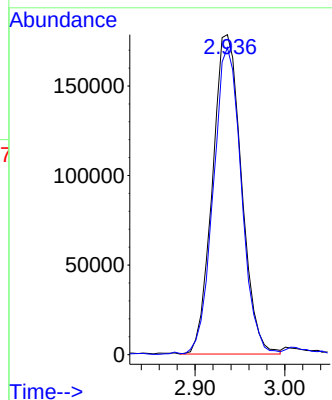
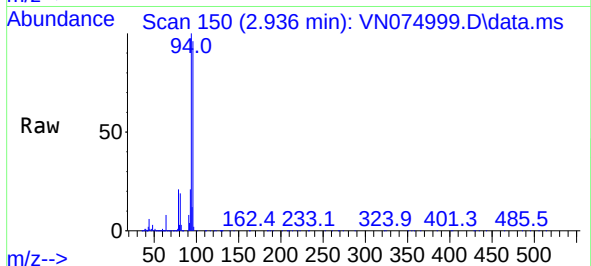




#5  
Bromomethane  
Concen: 42.133 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

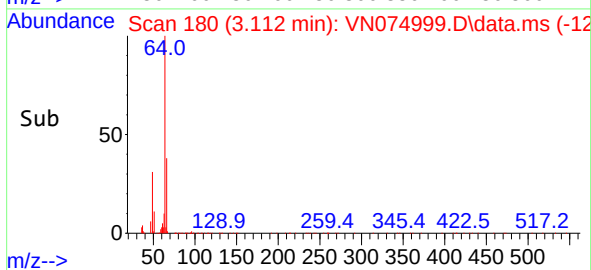
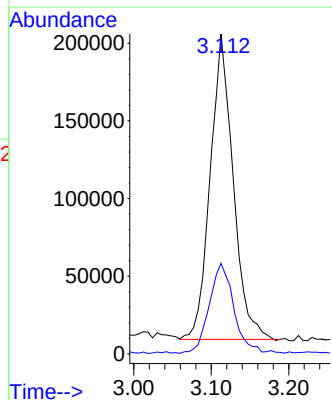
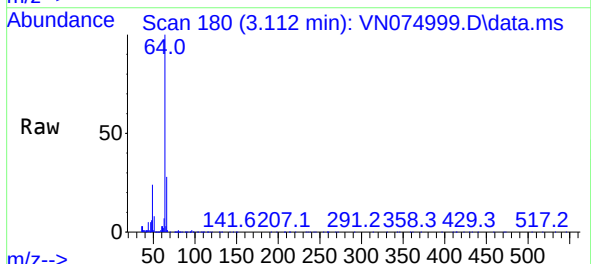
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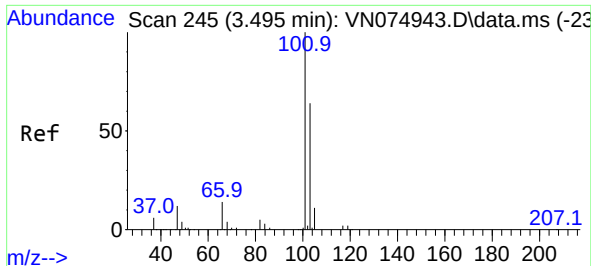
Tgt Ion: 94 Resp: 400667  
Ion Ratio Lower Upper  
94 100  
96 95.7 73.5 110.3



#6  
Chloroethane  
Concen: 45.478 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 64 Resp: 404545  
Ion Ratio Lower Upper  
64 100  
66 29.4 27.9 41.9

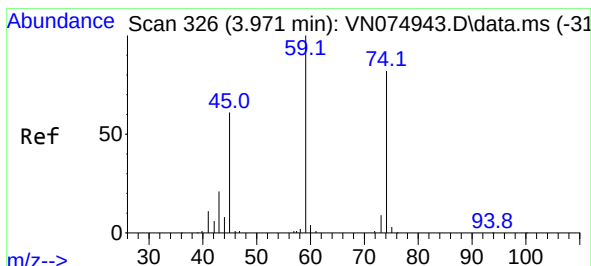
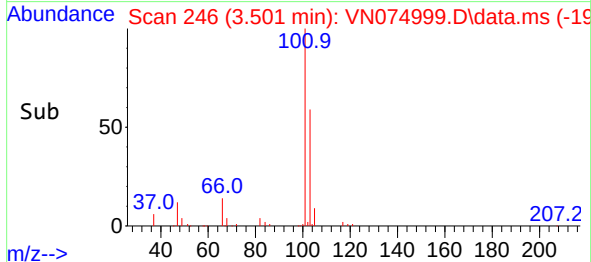
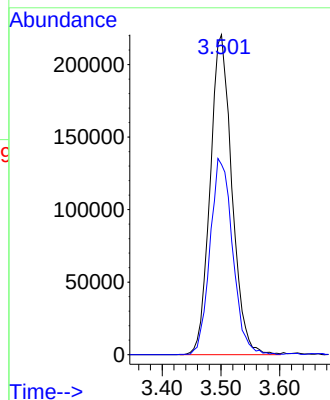
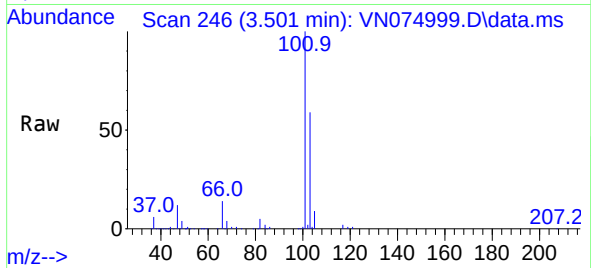




#7  
 Trichlorofluoromethane  
 Concen: 45.503 ug/l  
 RT: 3.501 min Scan# 245  
 Delta R.T. 0.006 min  
 Lab File: VN074999.D  
 Acq: 24 Oct 2022 21:27

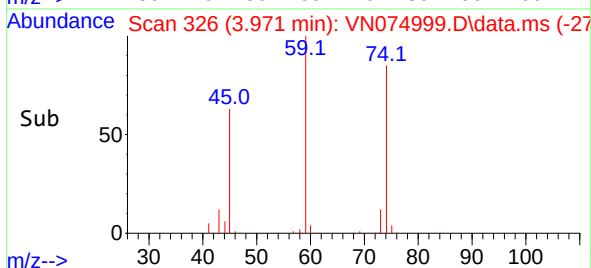
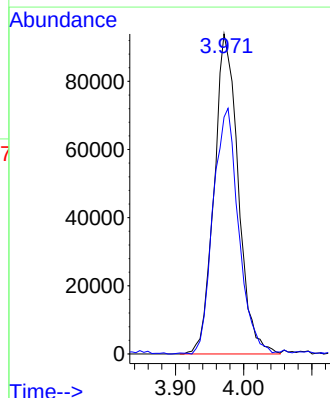
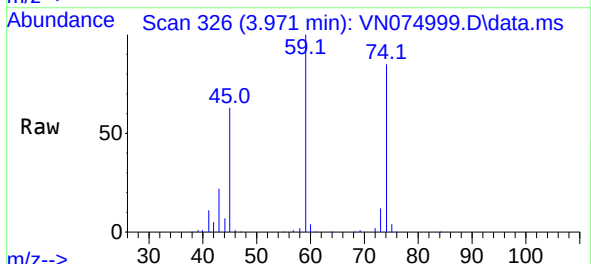
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2MS

Tgt Ion:101 Resp: 566611  
 Ion Ratio Lower Upper  
 101 100  
 103 59.4 51.5 77.3

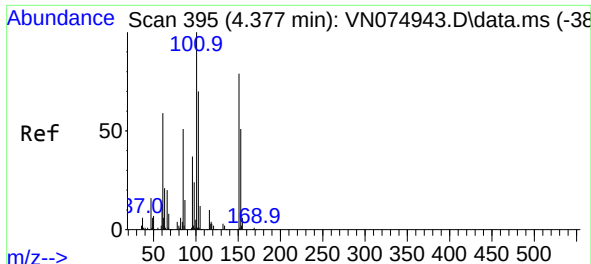


#8  
 Diethyl Ether  
 Concen: 40.327 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.000 min  
 Lab File: VN074999.D  
 Acq: 24 Oct 2022 21:27

Tgt Ion: 74 Resp: 230916  
 Ion Ratio Lower Upper  
 74 100  
 45 80.8 40.1 120.3



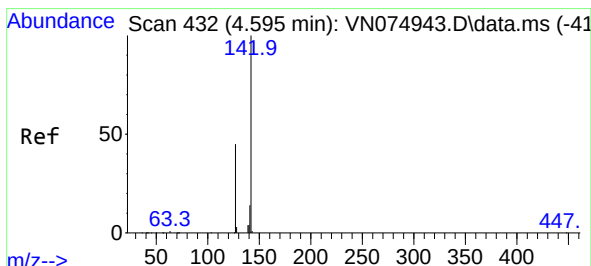
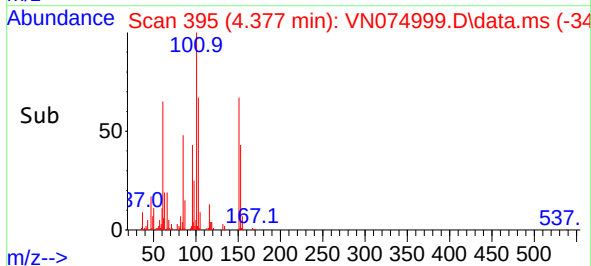
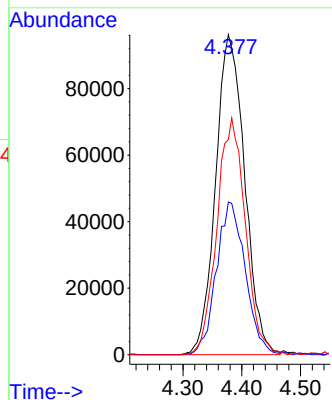
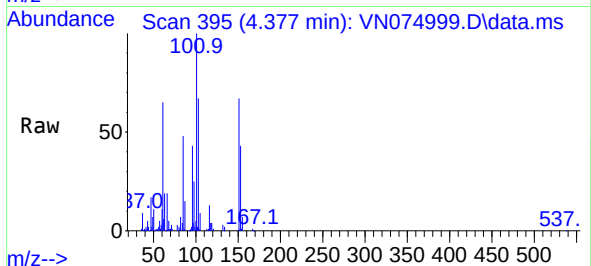




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.893 ug/l  
RT: 4.377 min Scan# 395  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

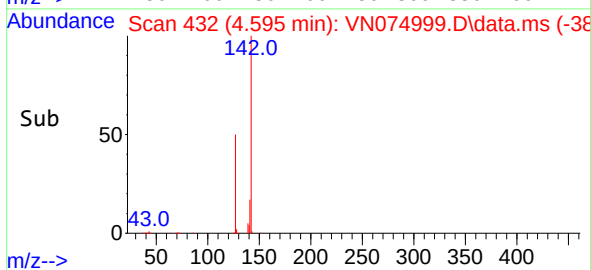
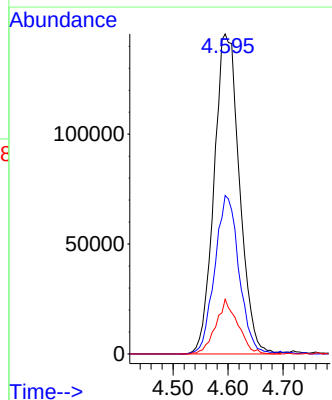
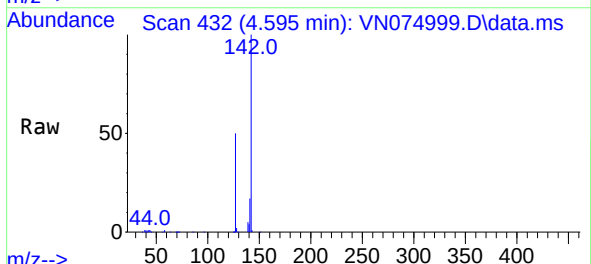
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

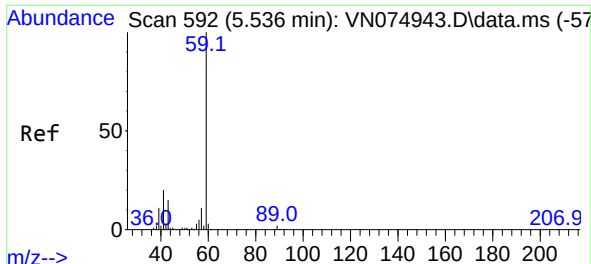
Tgt Ion:101 Resp: 331002  
Ion Ratio Lower Upper  
101 100  
85 47.3 37.8 56.8  
151 72.2 58.5 87.7



#10  
Methyl Iodide  
Concen: 43.246 ug/l  
RT: 4.595 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:142 Resp: 467206  
Ion Ratio Lower Upper  
142 100  
127 47.4 37.0 55.4  
141 14.9 11.4 17.0

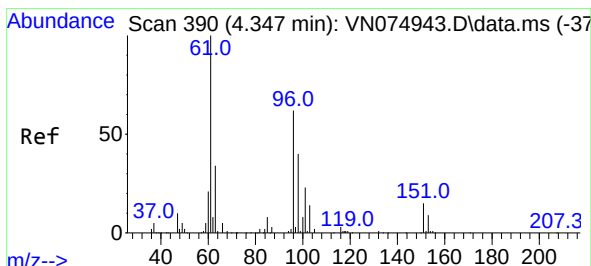
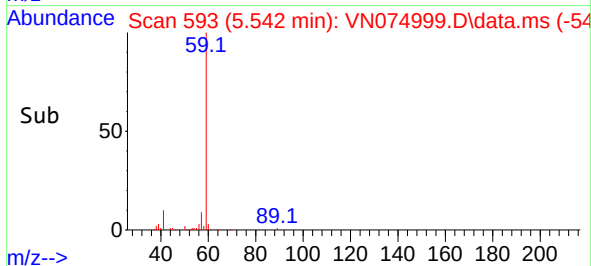
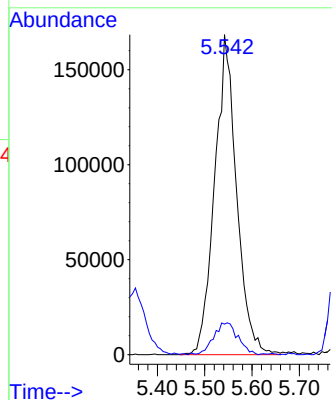
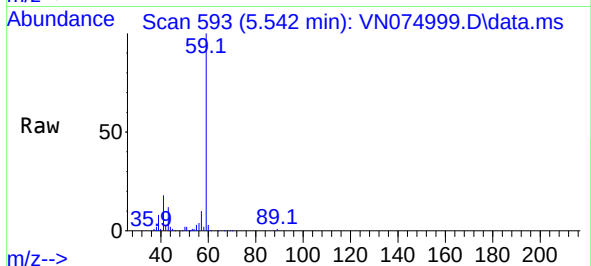




#11  
Tert butyl alcohol  
Concen: 199.413 ug/l  
RT: 5.542 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

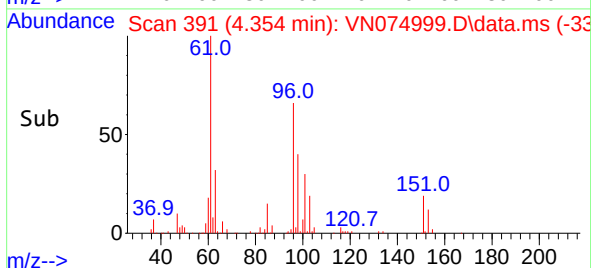
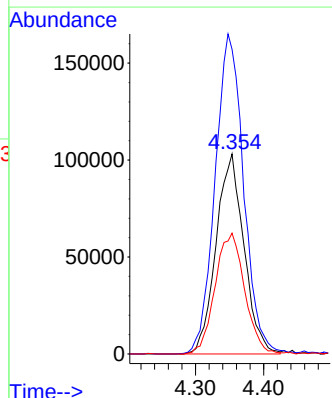
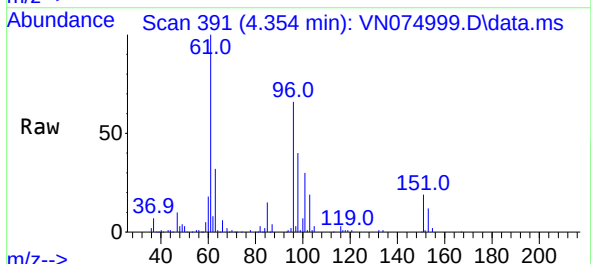
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

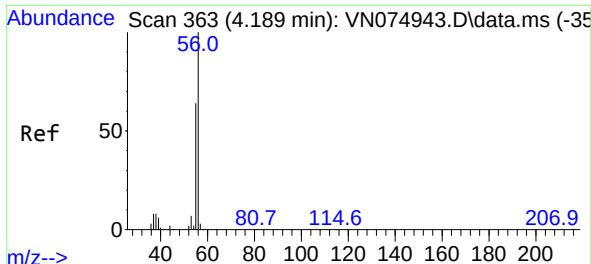
Tgt Ion: 59 Resp: 541228  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 44.266 ug/l  
RT: 4.354 min Scan# 391  
Delta R.T. 0.007 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 96 Resp: 293740  
Ion Ratio Lower Upper  
96 100  
61 152.2 128.9 193.3  
98 60.4 51.8 77.8

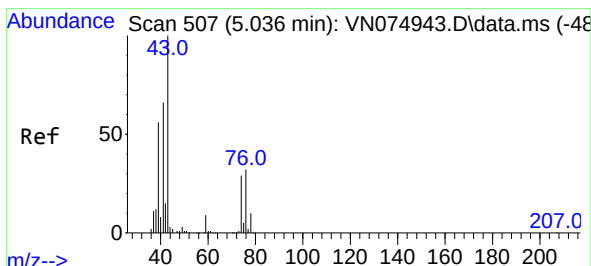
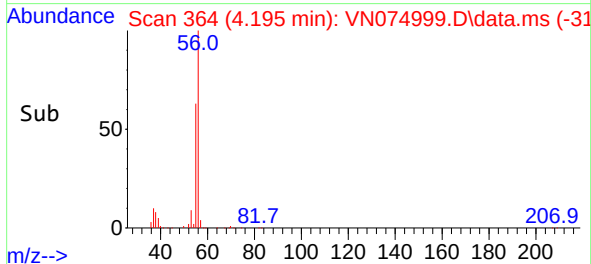
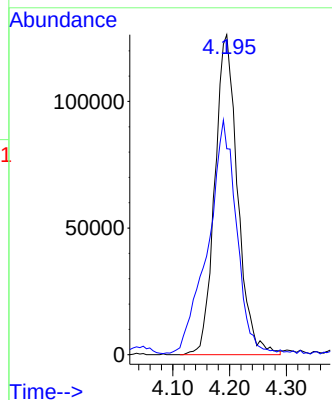
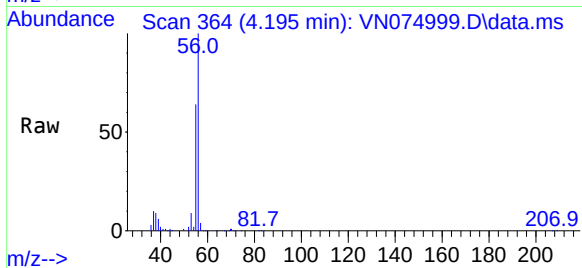




#13  
Acrolein  
Concen: 265.772 ug/l  
RT: 4.195 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

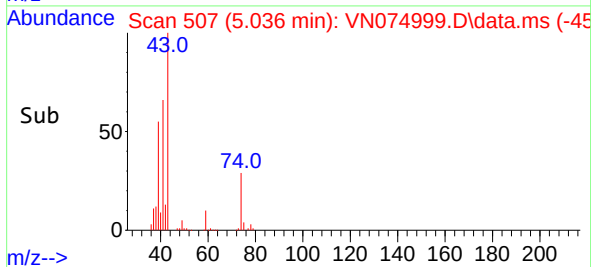
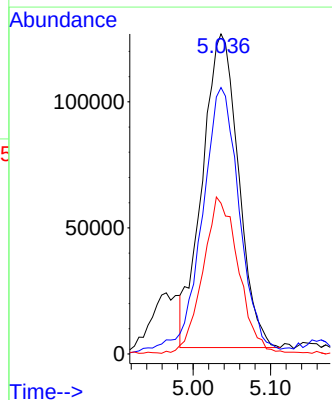
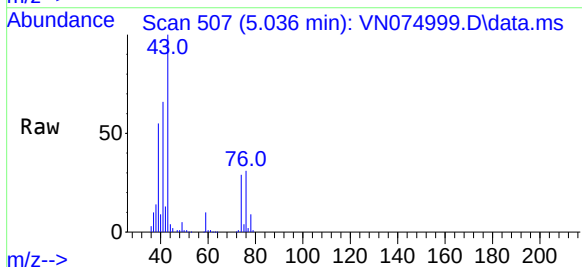
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

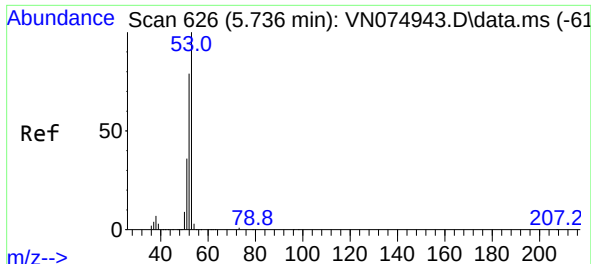
Tgt Ion: 56 Resp: 351373  
Ion Ratio Lower Upper  
56 100  
55 91.4 53.7 80.5#



#14  
Allyl chloride  
Concen: 34.346 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 41 Resp: 403778  
Ion Ratio Lower Upper  
41 100  
39 89.3 60.0 90.0  
76 48.9 33.7 50.5



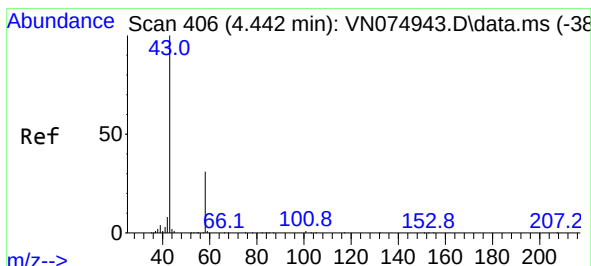
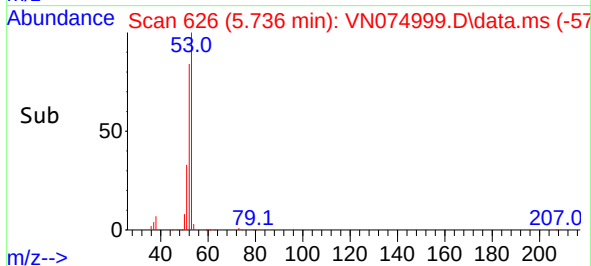
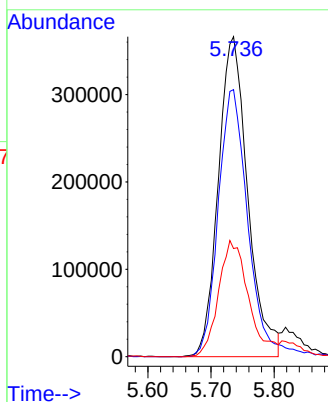
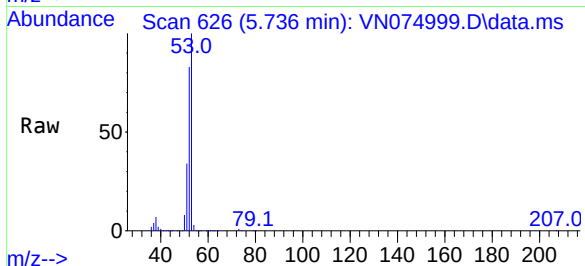


#15  
Acrylonitrile  
Concen: 215.729 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion: 53 Resp: 1184412

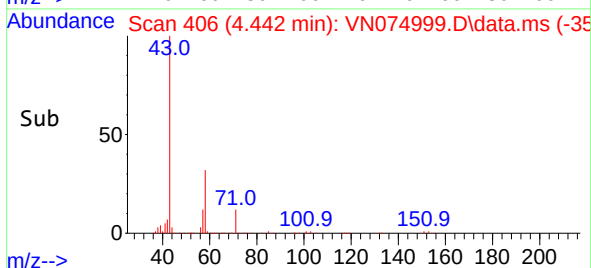
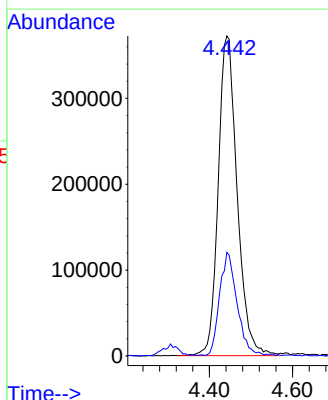
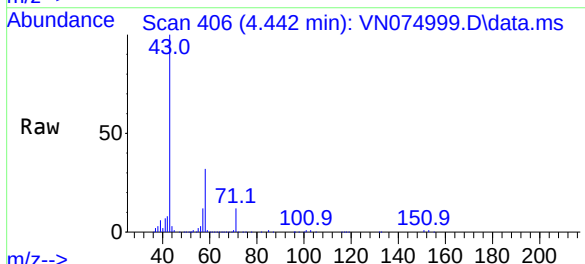
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 84.8  | 66.7  | 100.1 |
| 51  | 37.3  | 28.8  | 43.2  |

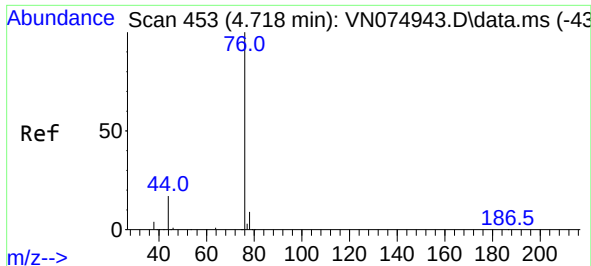


#16  
Acetone  
Concen: 270.238 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 43 Resp: 1178640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.9  | 25.7  | 38.5  |

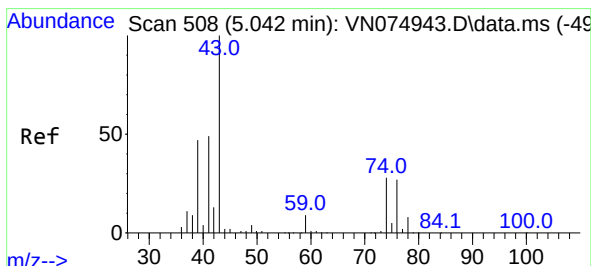
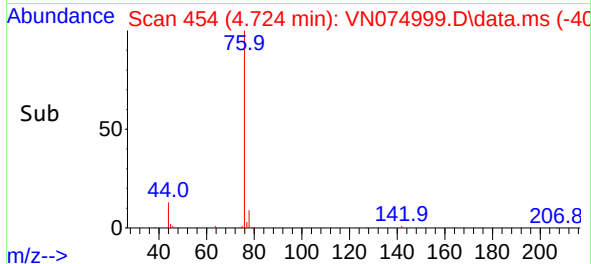
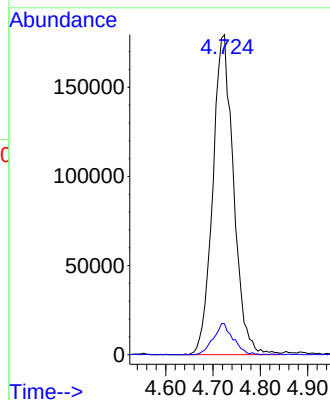
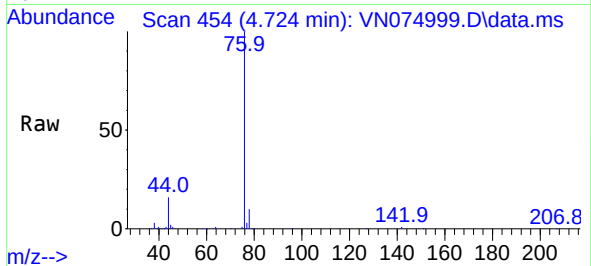




#17  
Carbon Disulfide  
Concen: 40.007 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

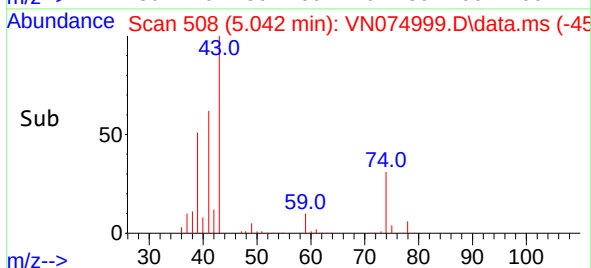
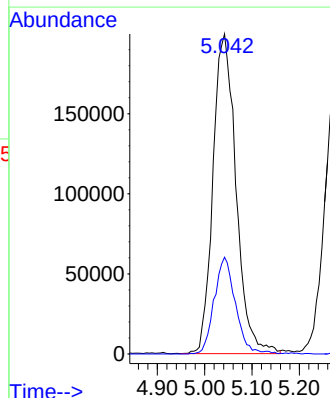
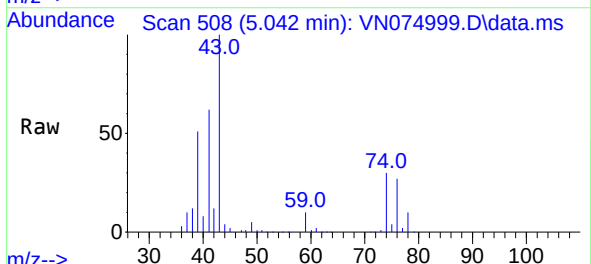
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

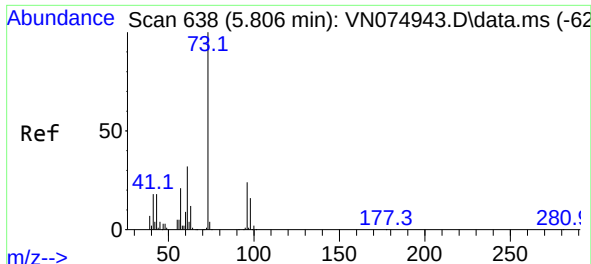
Tgt Ion: 76 Resp: 547588  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 41.382 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 43 Resp: 674681  
Ion Ratio Lower Upper  
43 100  
74 27.6 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 56.431 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

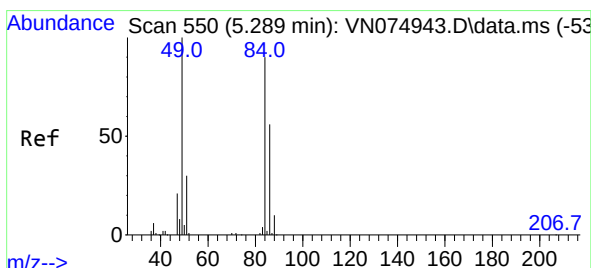
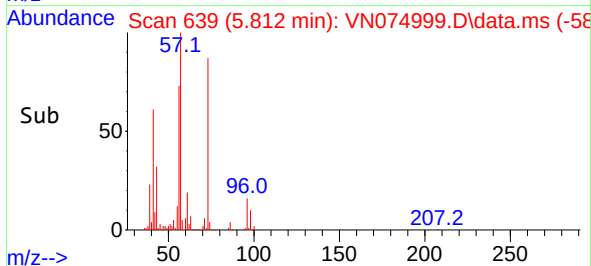
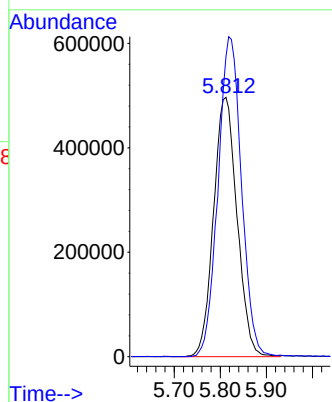
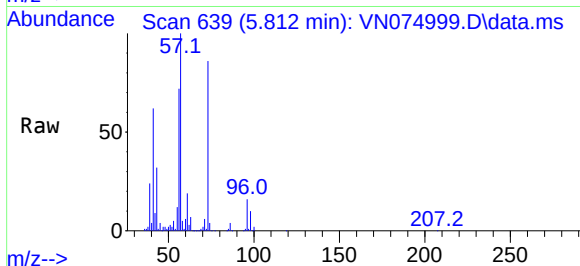
MW-2MS

Tgt Ion: 73 Resp: 1759028

Ion Ratio Lower Upper

73 100

57 115.6 16.9 25.3#



#20

Methylene Chloride

Concen: 45.544 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Tgt Ion: 84 Resp: 394625

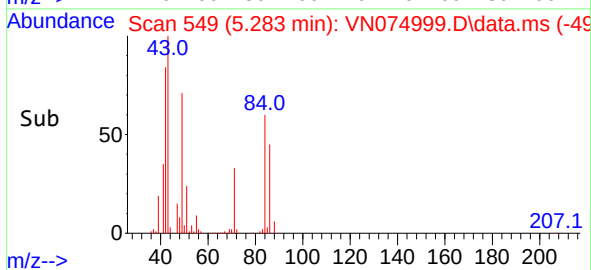
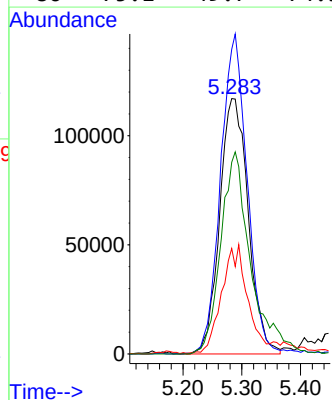
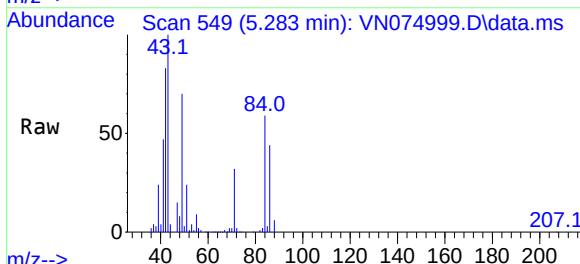
Ion Ratio Lower Upper

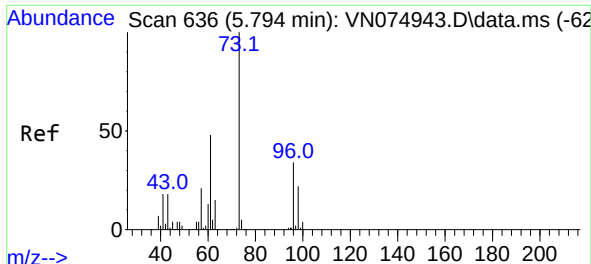
84 100

49 119.3 88.6 133.0

51 41.1 26.7 40.1#

86 75.1 49.7 74.5#

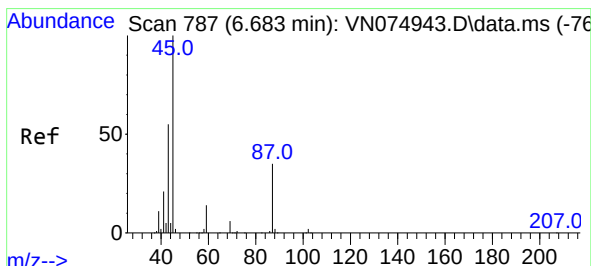
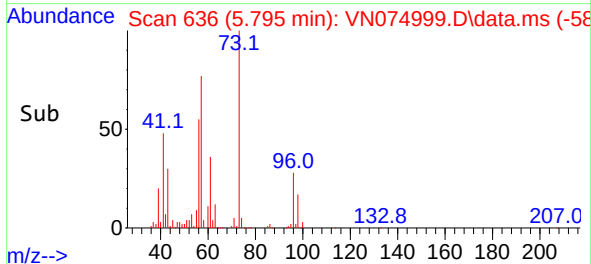
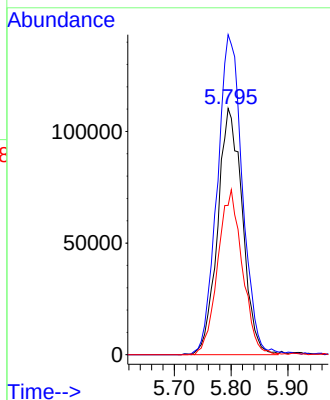
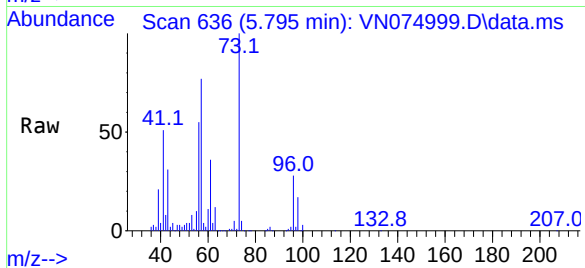




#21  
trans-1,2-Dichloroethene  
Concen: 42.666 ug/l  
RT: 5.795 min Scan# 611  
Delta R.T. 0.001 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

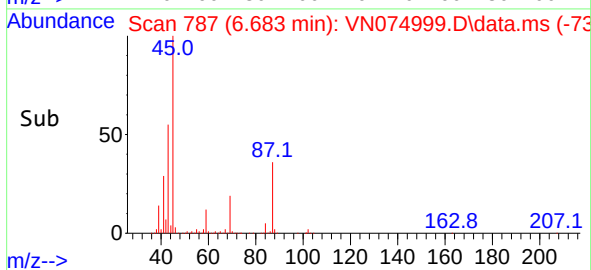
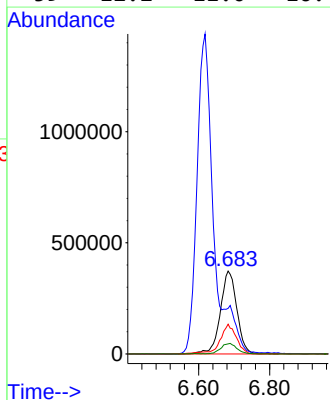
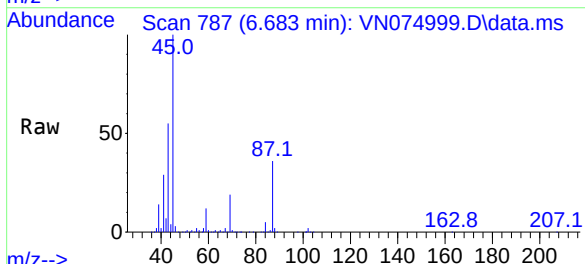
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

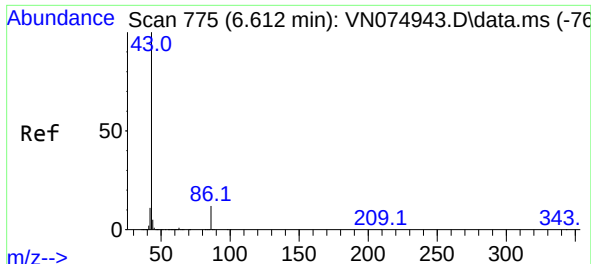
Tgt Ion: 96 Resp: 333074  
Ion Ratio Lower Upper  
96 100  
61 130.0 112.6 169.0  
98 60.7 52.4 78.6



#22  
Diisopropyl ether  
Concen: 44.608 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 45 Resp: 1200109  
Ion Ratio Lower Upper  
45 100  
43 54.8 44.9 67.3  
87 35.9 28.0 42.0  
59 12.2 11.0 16.4





#23

Vinyl Acetate

Concen: 204.022 ug/l

RT: 6.618 min Scan# 775

Delta R.T. 0.006 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

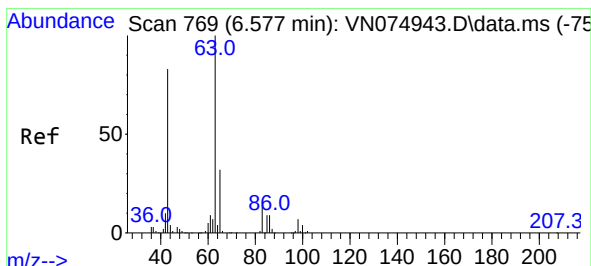
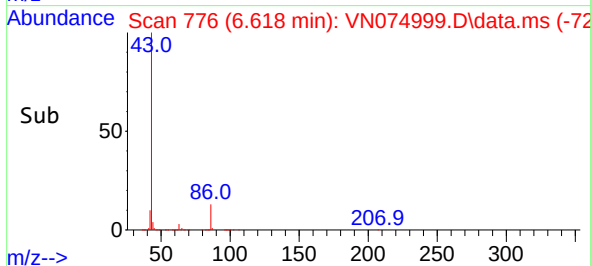
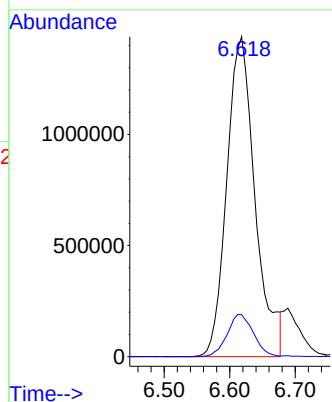
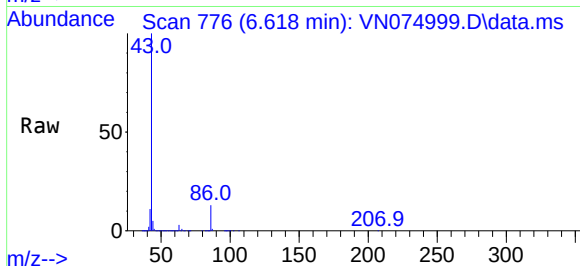
MW-2MS

Tgt Ion: 43 Resp: 4320669

Ion Ratio Lower Upper

43 100

86 13.1 9.4 14.0



#24

1,1-Dichloroethane

Concen: 44.014 ug/l

RT: 6.577 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

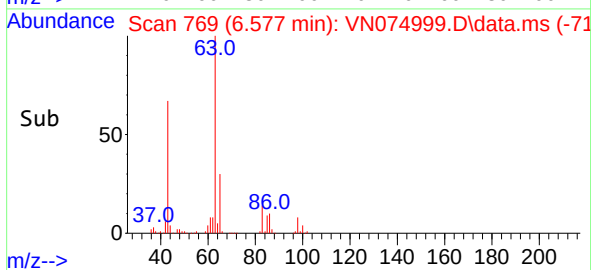
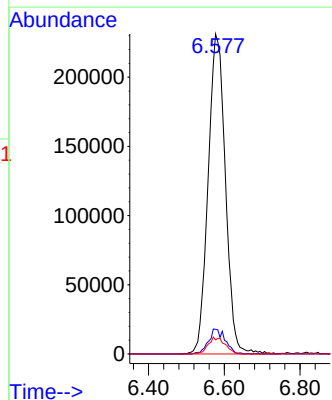
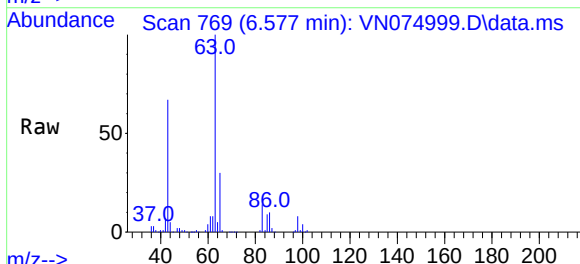
Tgt Ion: 63 Resp: 732184

Ion Ratio Lower Upper

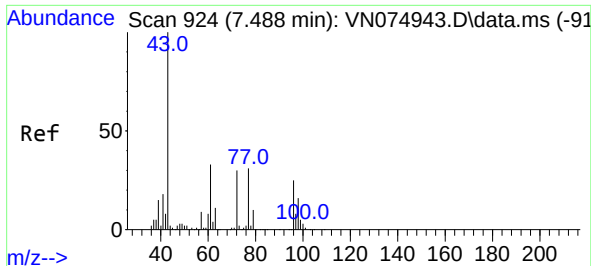
63 100

98 7.7 3.7 11.1

100 4.4 2.0 6.0



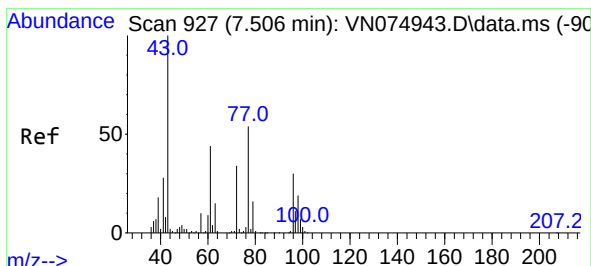
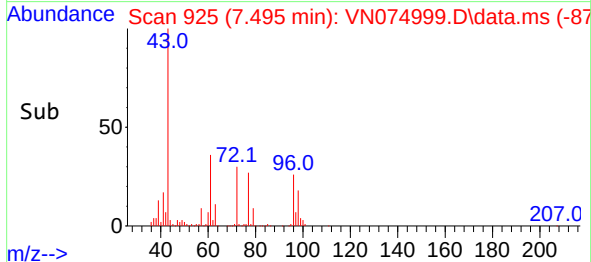
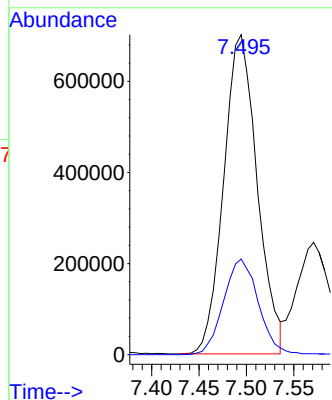
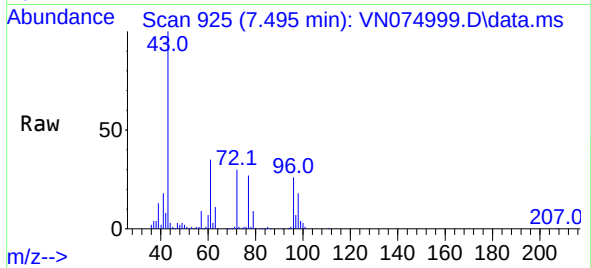




#25  
2-Butanone  
Concen: 220.910 ug/l  
RT: 7.495 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

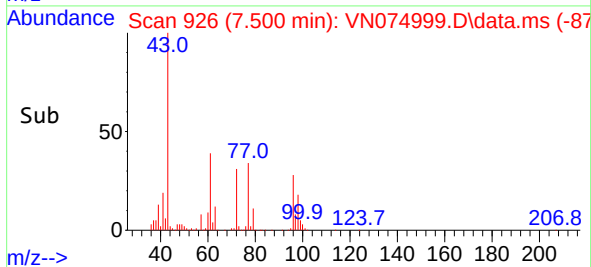
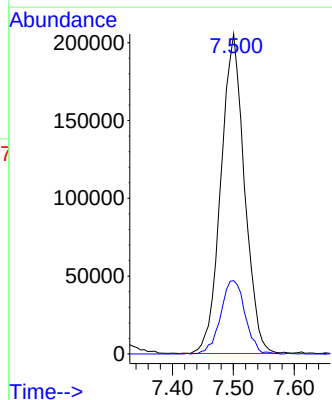
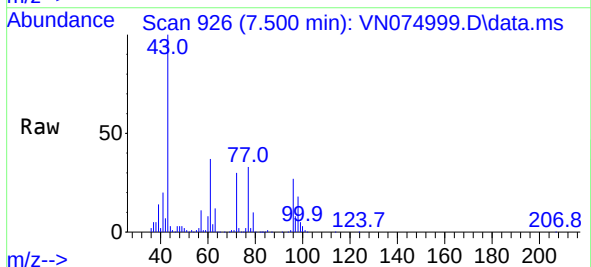
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

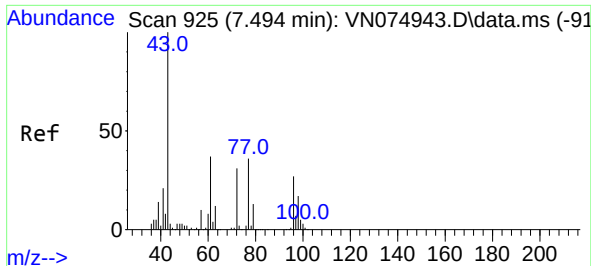
Tgt Ion: 43 Resp: 1727610  
Ion Ratio Lower Upper  
43 100  
72 30.0 23.9 35.9



#26  
2,2-Dichloropropane  
Concen: 35.157 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 77 Resp: 552721  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.3 33.8

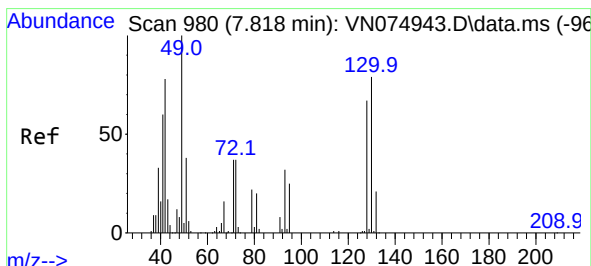
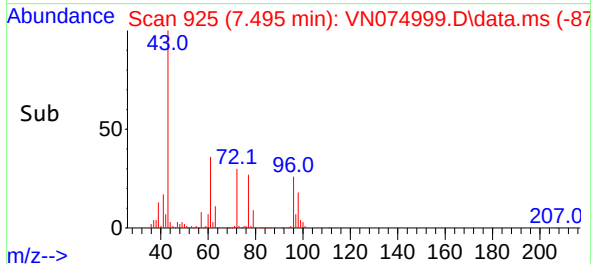
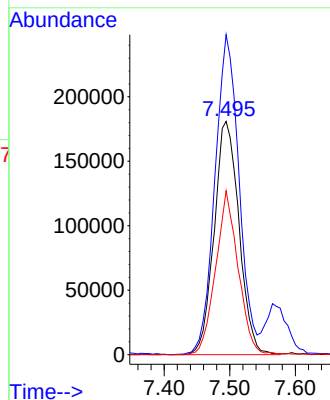
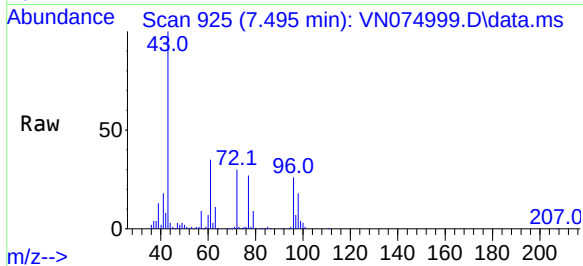




#27  
cis-1,2-Dichloroethene  
Concen: 44.098 ug/l  
RT: 7.495 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

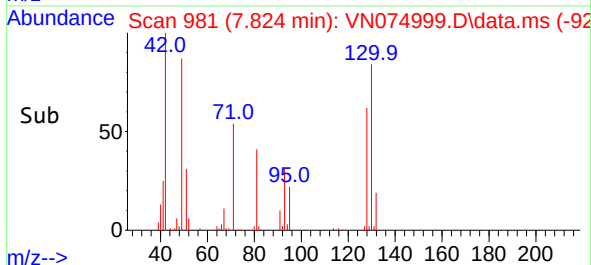
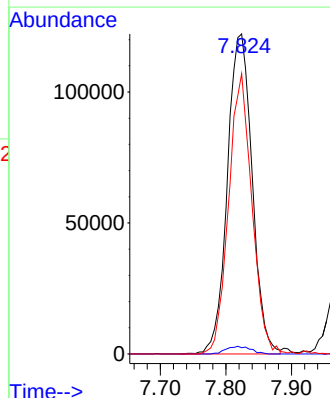
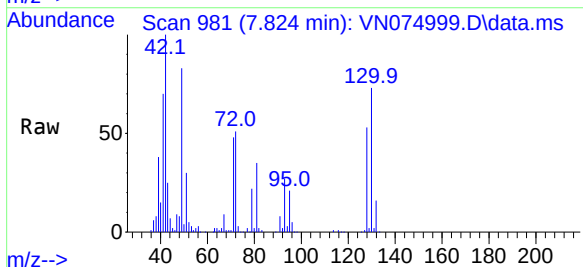
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

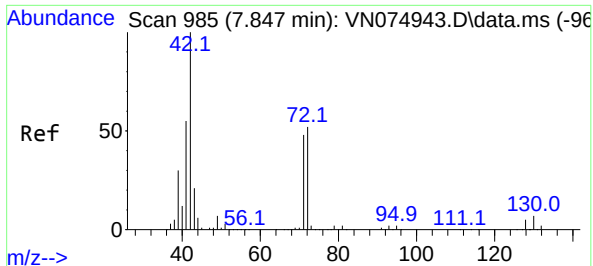
Tgt Ion: 96 Resp: 475571  
Ion Ratio Lower Upper  
96 100  
61 132.9 0.0 277.8  
98 64.0 0.0 127.2



#28  
Bromochloromethane  
Concen: 46.303 ug/l  
RT: 7.824 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 49 Resp: 320959  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.2  
130 82.2 64.4 96.6



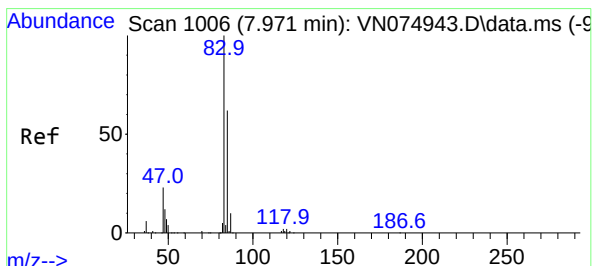
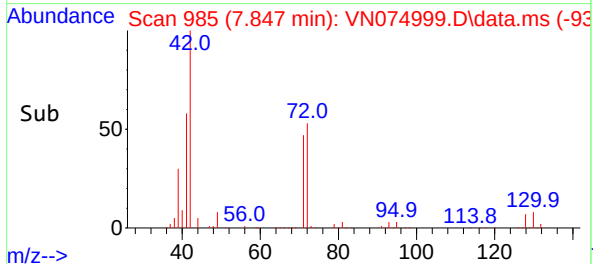
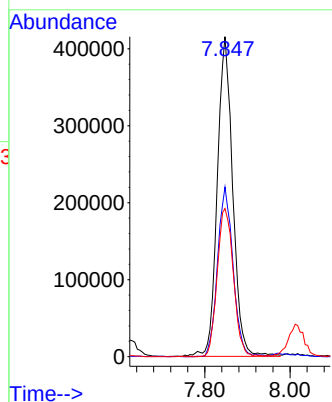
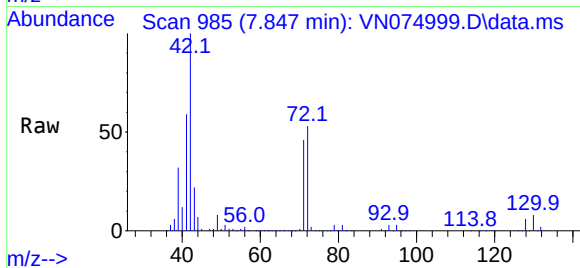


#29  
Tetrahydrofuran  
Concen: 216.265 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion: 42 Resp: 1043106

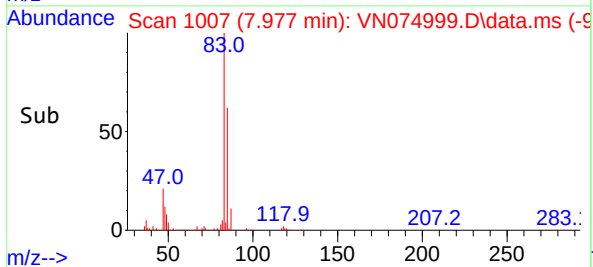
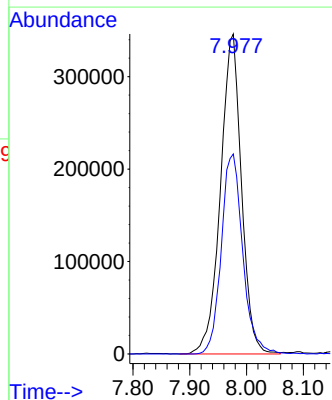
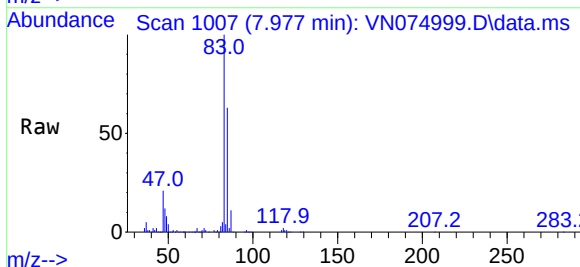
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 52.9  | 42.2  | 63.4  |
| 71  | 48.7  | 39.4  | 59.2  |

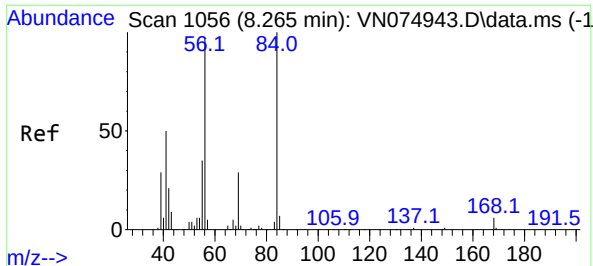


#30  
Chloroform  
Concen: 47.346 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 83 Resp: 889960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.5  | 49.9  | 74.9  |

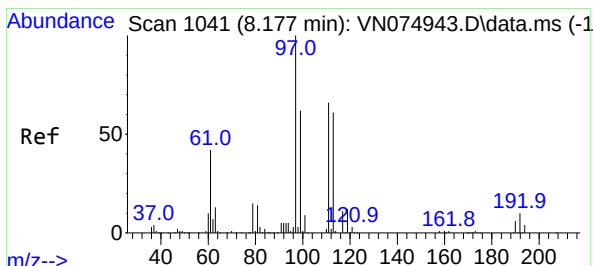
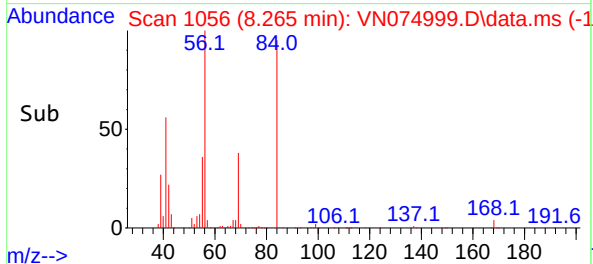
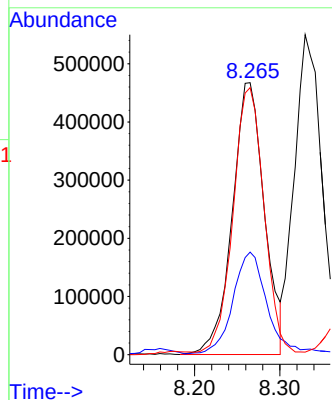
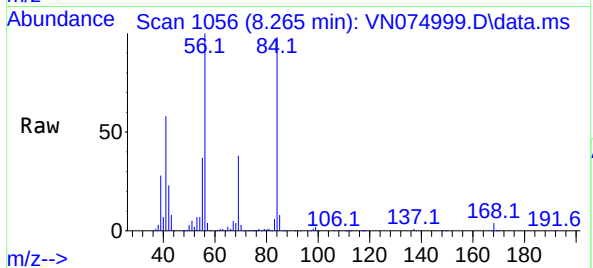




#31  
Cyclohexane  
Concen: 93.081 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

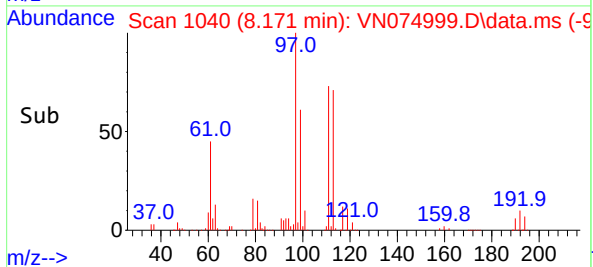
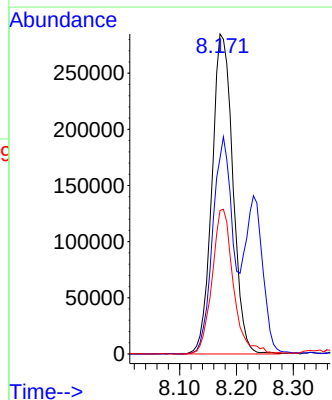
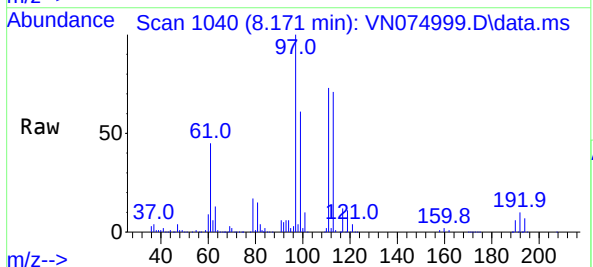
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

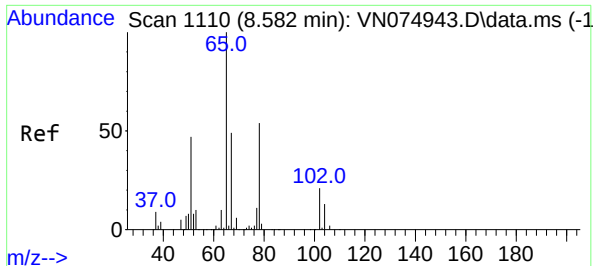
Tgt Ion: 56 Resp: 1220831  
Ion Ratio Lower Upper  
56 100  
69 36.9 24.2 36.2#  
84 97.2 82.8 124.2



#32  
1,1,1-Trichloroethane  
Concen: 43.018 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 97 Resp: 727586  
Ion Ratio Lower Upper  
97 100  
99 65.8 53.0 79.4  
61 46.0 36.4 54.6

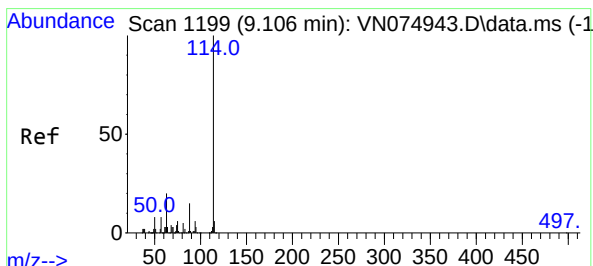
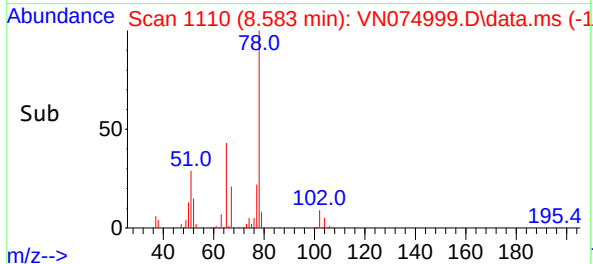
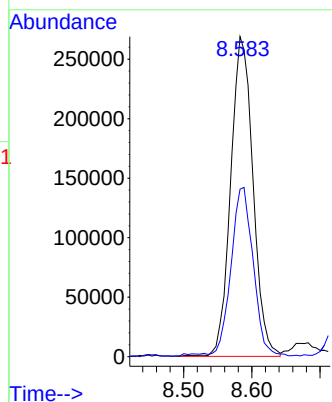
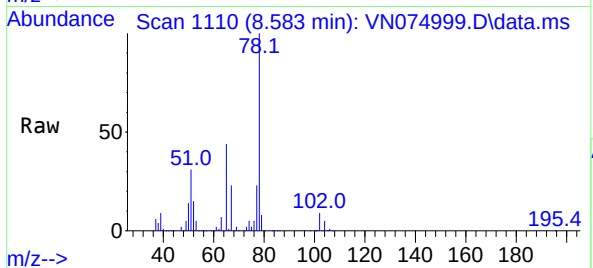




#33  
1,2-Dichloroethane-d4  
Concen: 47.588 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

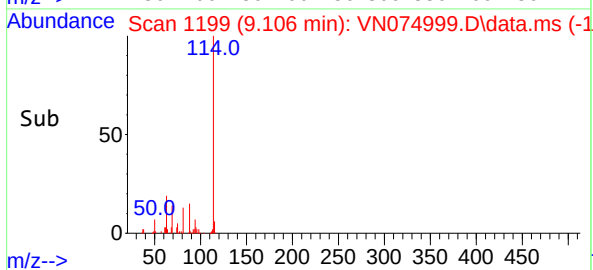
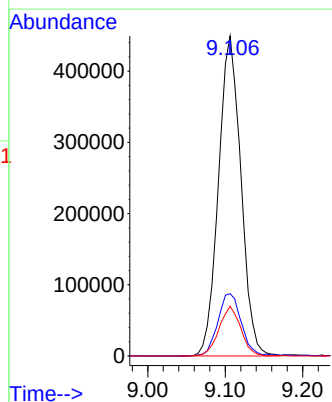
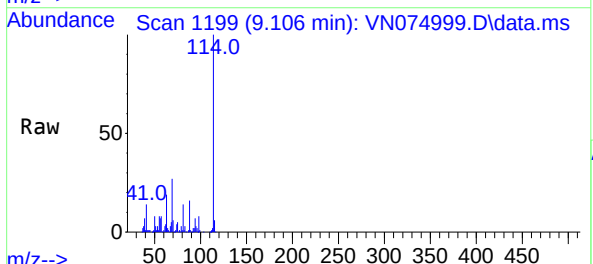
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

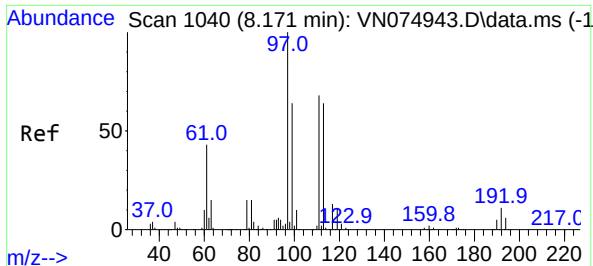
Tgt Ion: 65 Resp: 610921  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 102.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:114 Resp: 904672  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 39.8  
88 15.6 0.0 30.4

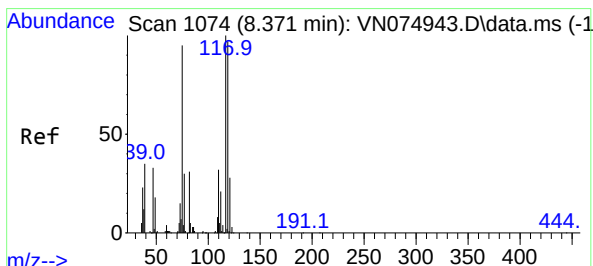
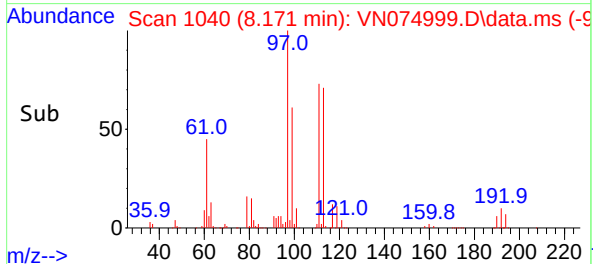
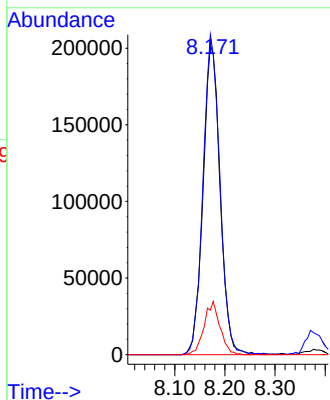
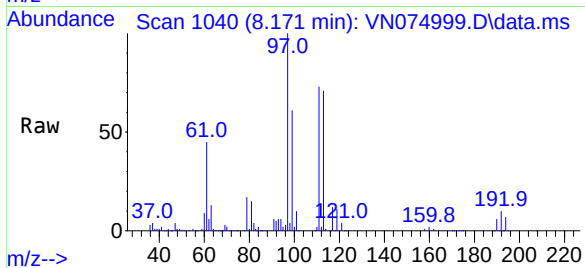




#35  
Dibromofluoromethane  
Concen: 44.433 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

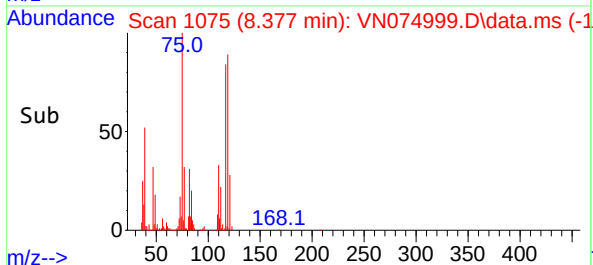
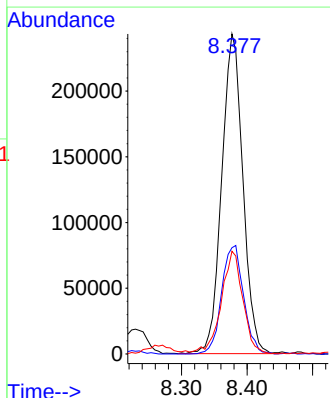
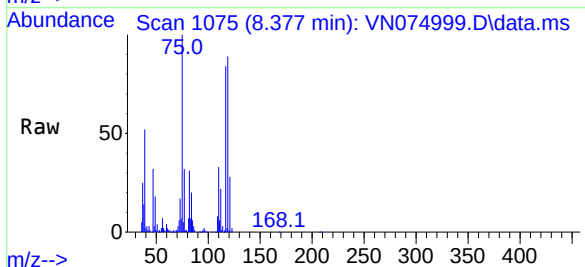
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

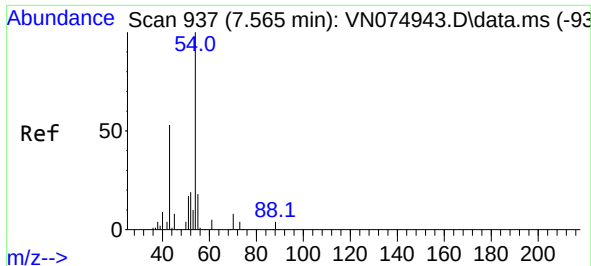
Tgt Ion:113 Resp: 478453  
Ion Ratio Lower Upper  
113 100  
111 101.9 83.4 125.2  
192 16.0 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 40.266 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 75 Resp: 546042  
Ion Ratio Lower Upper  
75 100  
110 35.1 18.1 54.4  
77 32.6 25.0 37.4

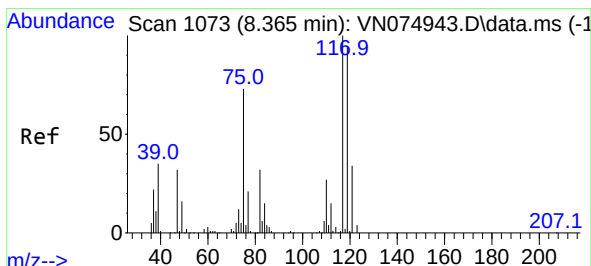
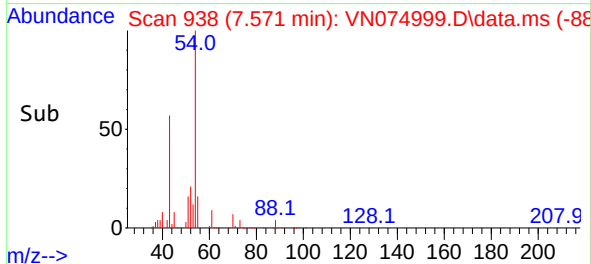
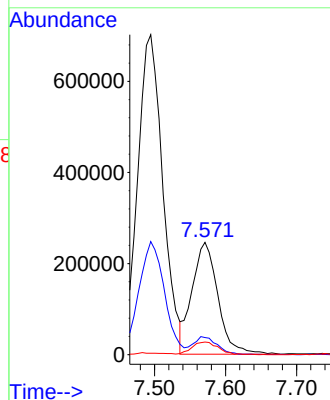
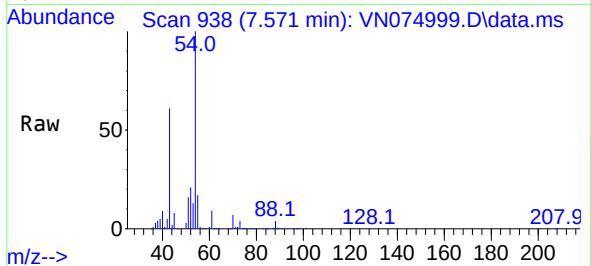




#37  
Ethyl Acetate  
Concen: 39.108 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

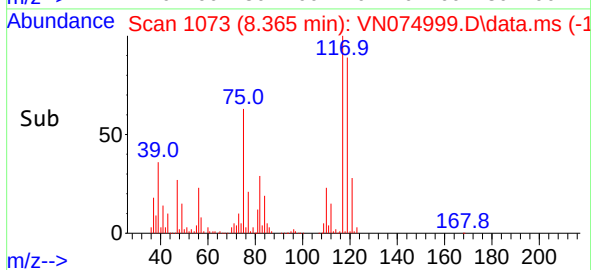
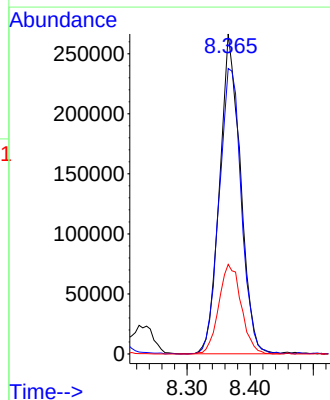
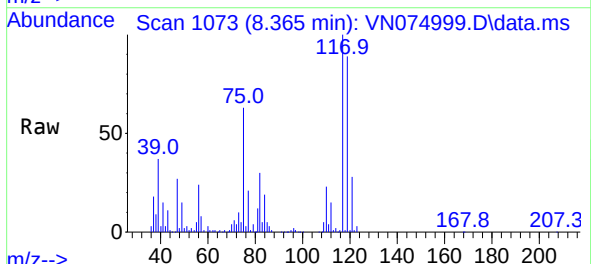
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

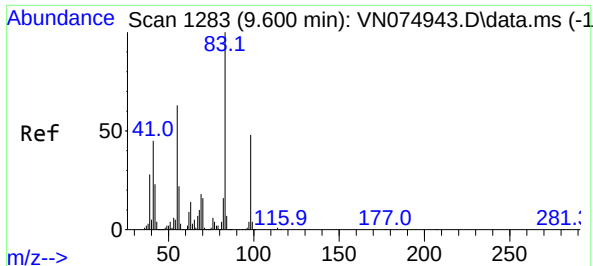
Tgt Ion: 43 Resp: 624480  
Ion Ratio Lower Upper  
43 100  
61 14.7 12.1 18.1  
70 11.7 9.2 13.8



#38  
Carbon Tetrachloride  
Concen: 41.250 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 117 Resp: 608939  
Ion Ratio Lower Upper  
117 100  
119 89.3 75.2 112.8  
121 28.0 27.0 40.6

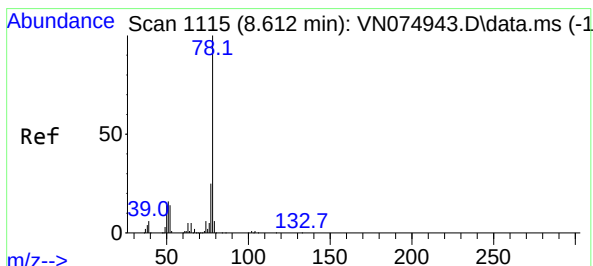
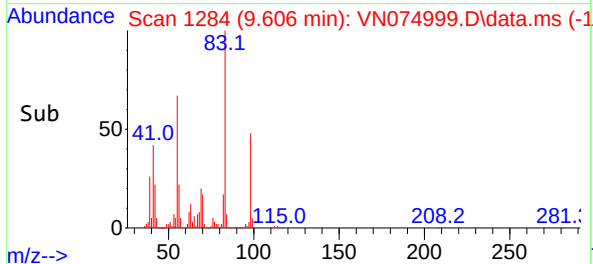
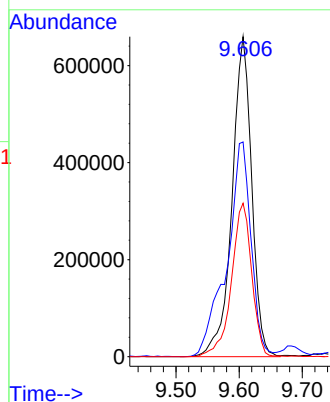
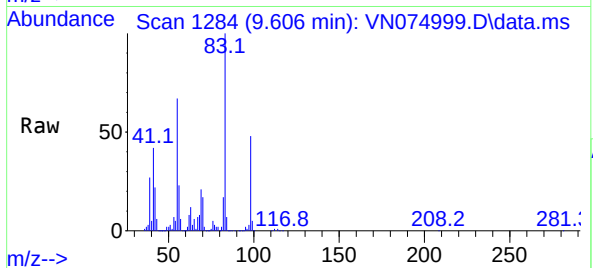




#39  
Methylcyclohexane  
Concen: 88.804 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

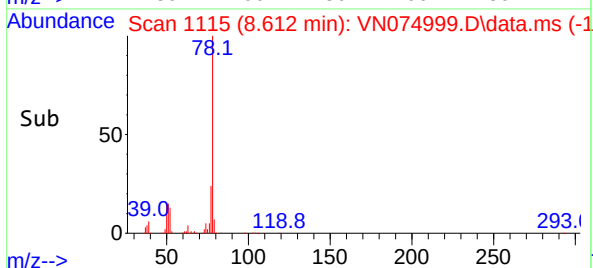
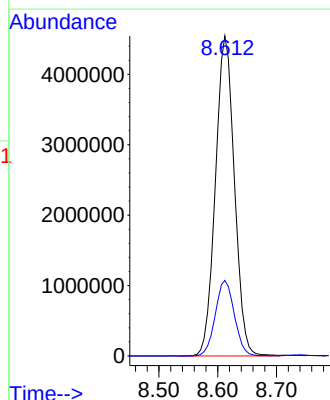
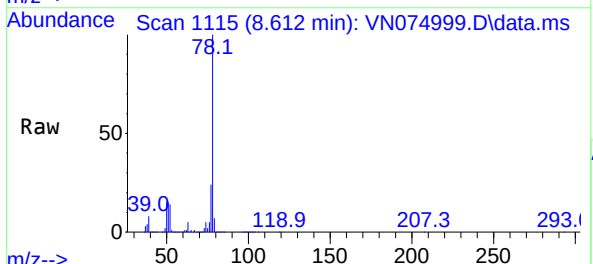
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion: 83 Resp: 1426816  
Ion Ratio Lower Upper  
83 100  
55 67.1 50.8 76.2  
98 48.0 38.8 58.2

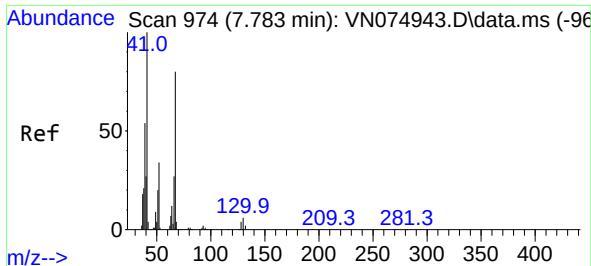


#40  
Benzene  
Concen: 243.889 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 78 Resp:10196343  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.6 29.4



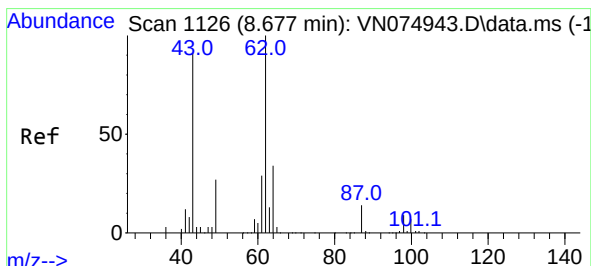
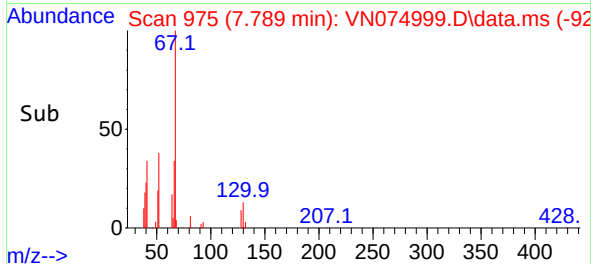
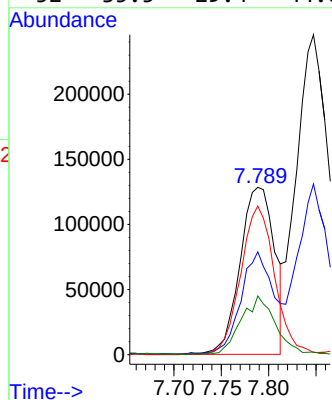
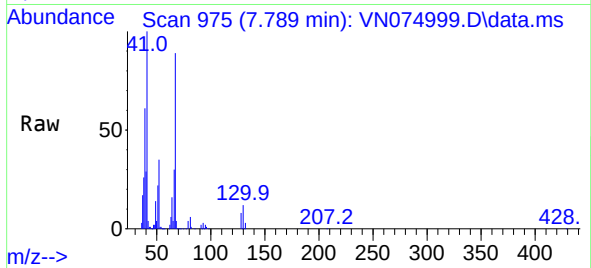




#41  
Methacrylonitrile  
Concen: 40.598 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

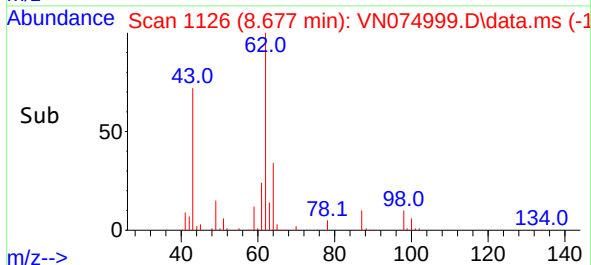
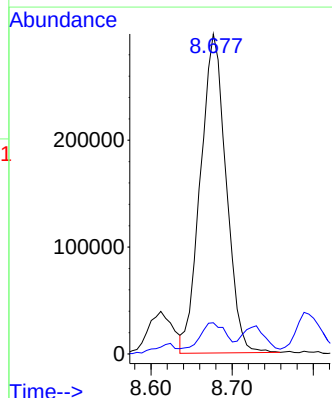
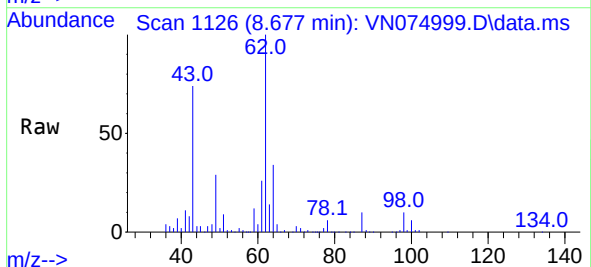
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

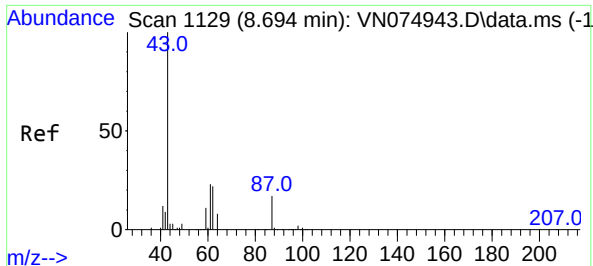
Tgt Ion: 41 Resp: 325381  
Ion Ratio Lower Upper  
41 100  
39 61.5 47.9 71.9  
67 88.1 70.8 106.2  
52 35.5 29.4 44.0



#42  
1,2-Dichloroethane  
Concen: 41.371 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 62 Resp: 654719  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 17.8

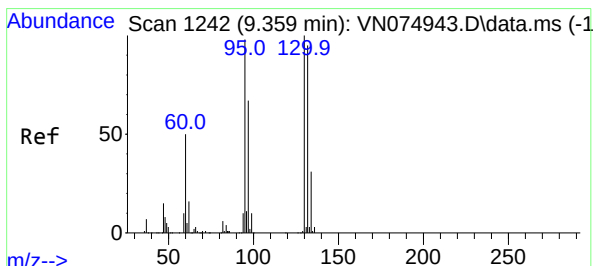
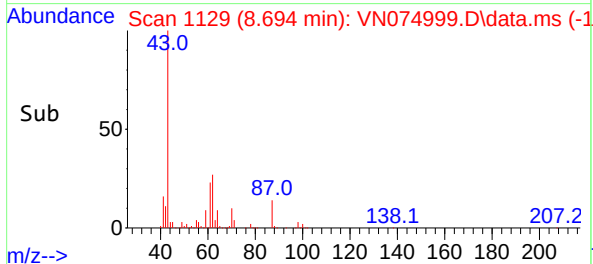
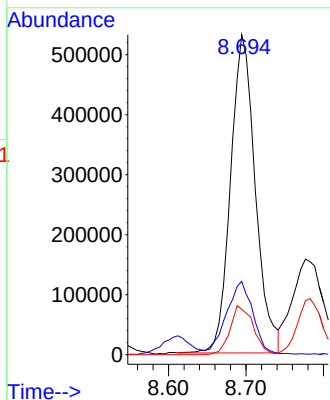
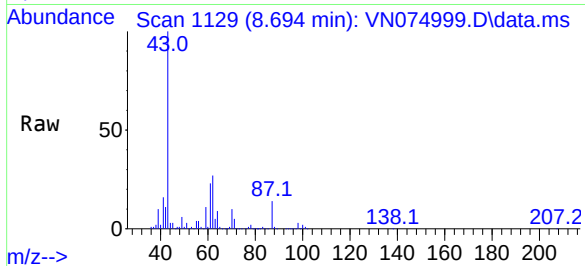




#43  
Isopropyl Acetate  
Concen: 47.741 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

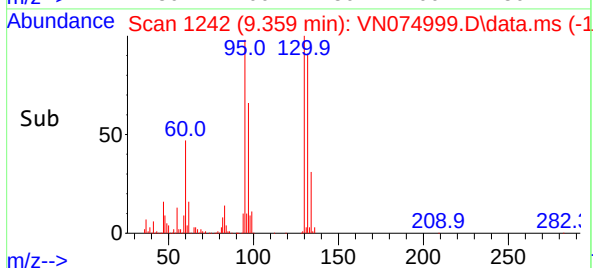
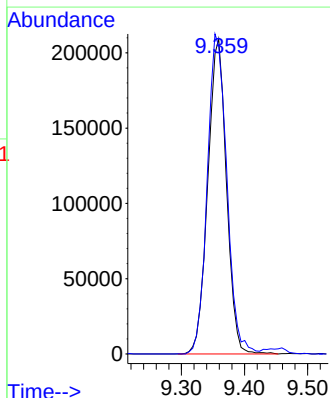
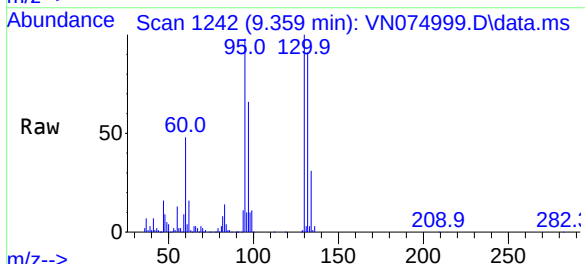
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

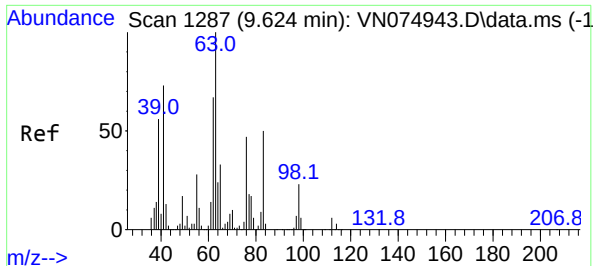
Tgt Ion: 43 Resp: 1182410  
Ion Ratio Lower Upper  
43 100  
61 24.4 22.3 33.5  
87 14.4 12.8 19.2



#44  
Trichloroethene  
Concen: 41.810 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:130 Resp: 429019  
Ion Ratio Lower Upper  
130 100  
95 97.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 44.044 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

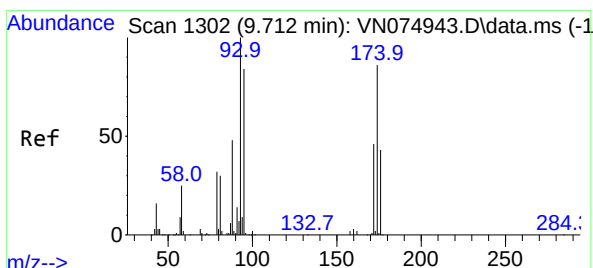
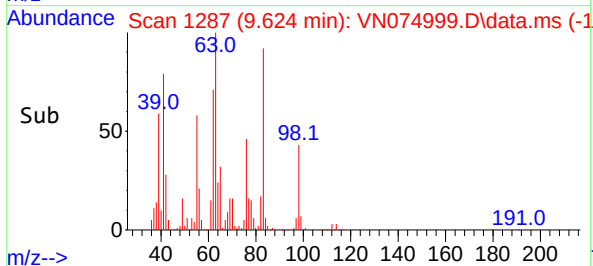
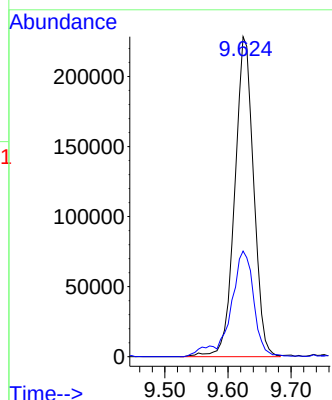
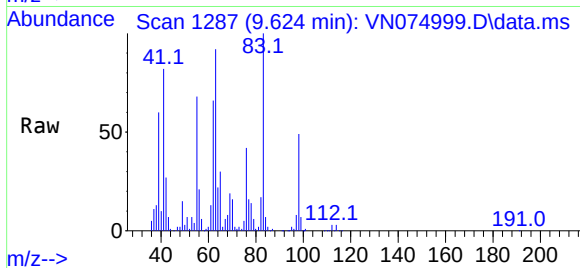
MW-2MS

Tgt Ion: 63 Resp: 474589

Ion Ratio Lower Upper

63 100

65 33.0 26.3 39.5



#46

Dibromomethane

Concen: 44.255 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

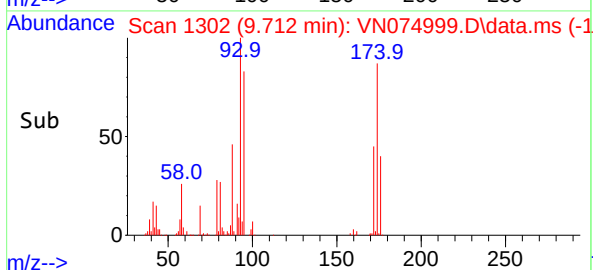
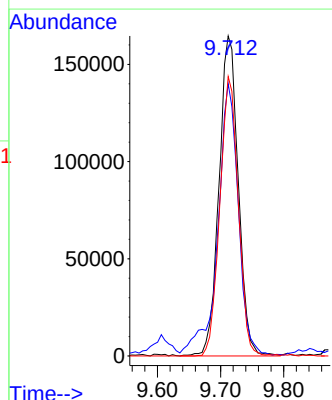
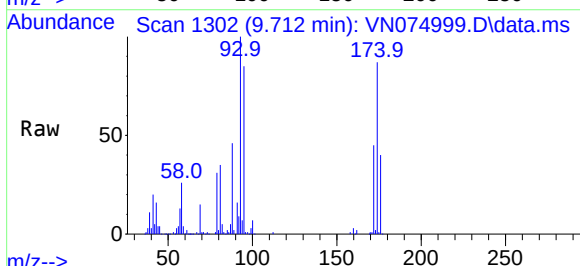
Tgt Ion: 93 Resp: 348718

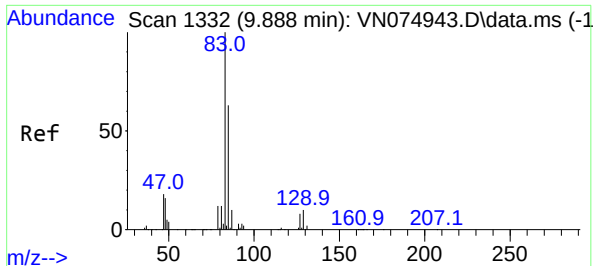
Ion Ratio Lower Upper

93 100

95 89.8 66.0 99.0

174 83.3 68.8 103.2

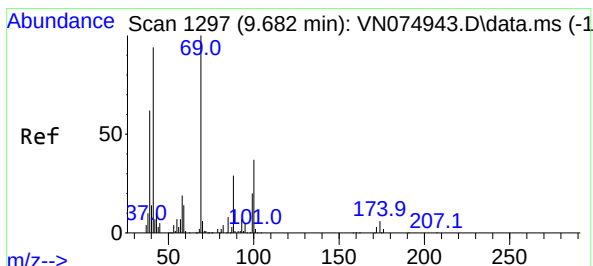
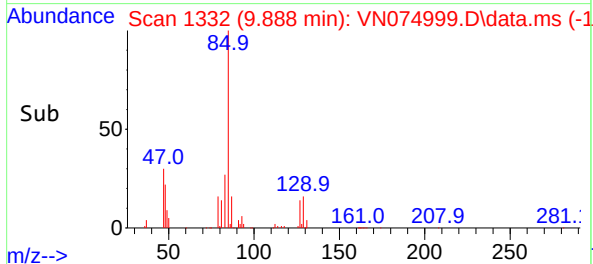
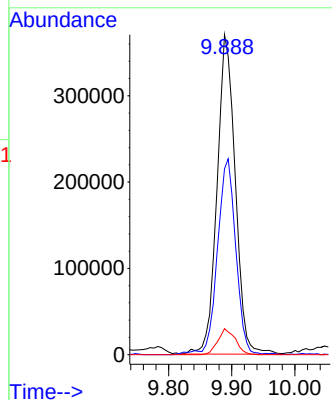
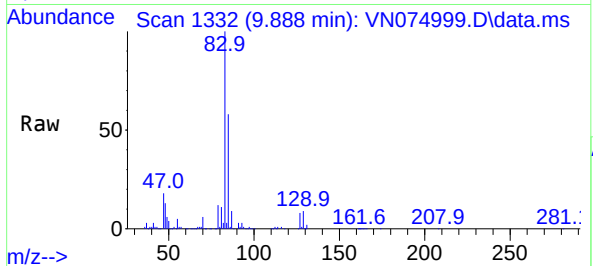




#47  
Bromodichloromethane  
Concen: 46.672 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

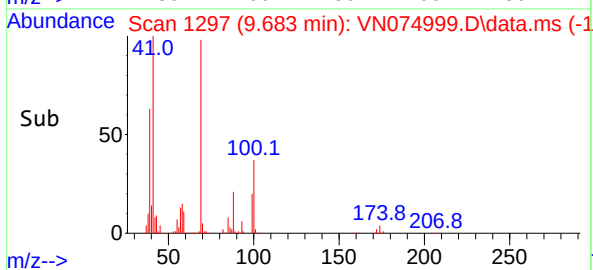
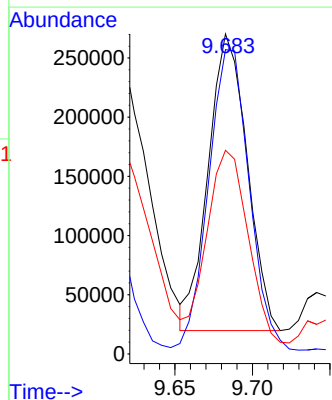
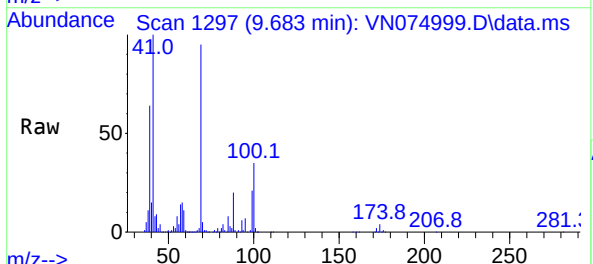
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

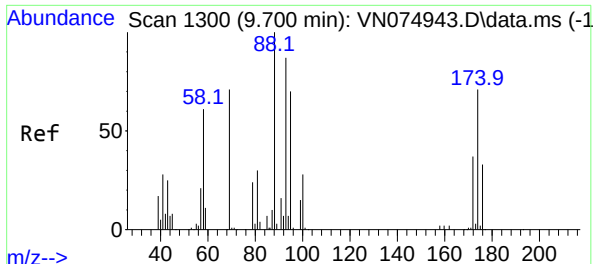
Tgt Ion: 83 Resp: 742918  
Ion Ratio Lower Upper  
83 100  
85 58.2 50.1 75.1  
127 8.2 6.5 9.7



#48  
Methyl methacrylate  
Concen: 40.363 ug/l  
RT: 9.683 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 41 Resp: 437119  
Ion Ratio Lower Upper  
41 100  
69 108.3 79.7 119.5  
39 68.7 55.1 82.7

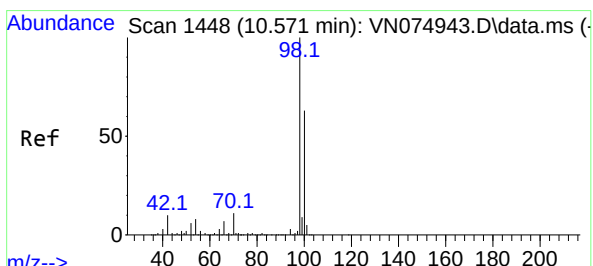
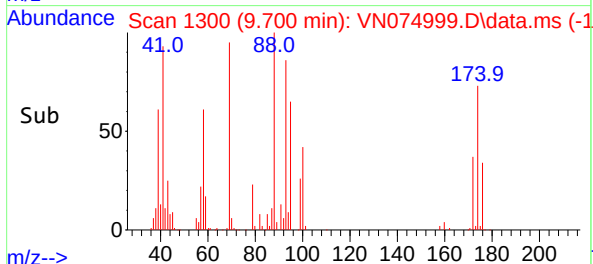
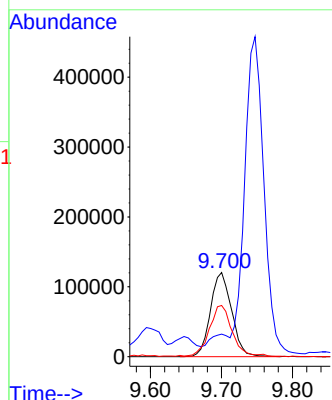
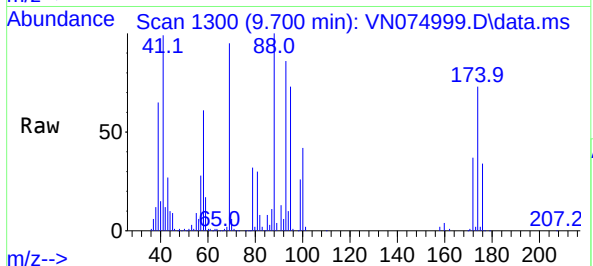




#49  
1,4-Dioxane  
Concen: 792.682 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

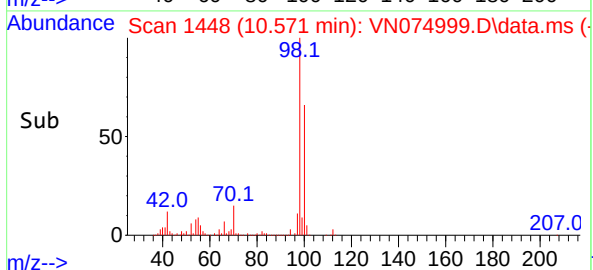
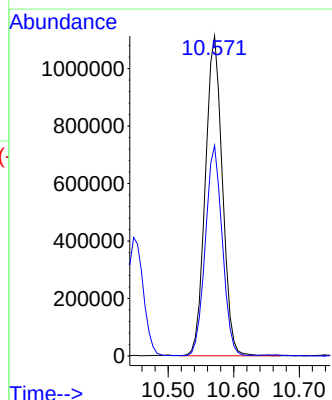
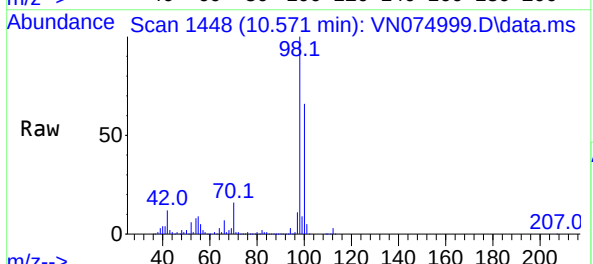
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

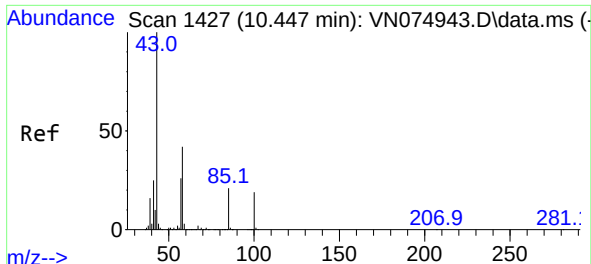
Tgt Ion: 88 Resp: 248197  
Ion Ratio Lower Upper  
88 100  
43 0.0 21.1 31.7#  
58 67.1 49.8 74.8



#50  
Toluene-d8  
Concen: 48.679 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 98 Resp: 2011114  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.4 77.2

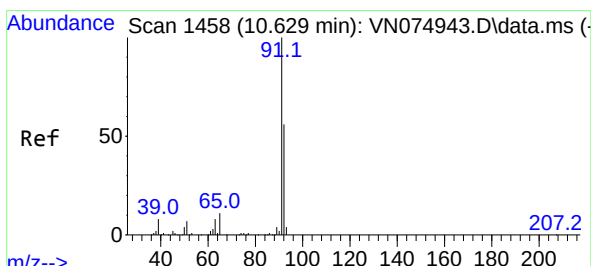
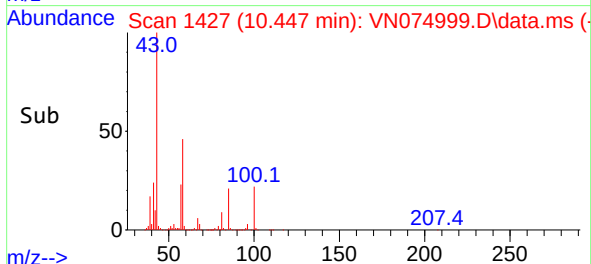
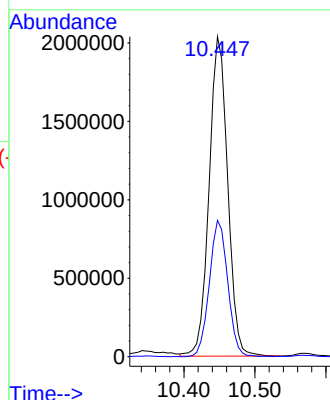
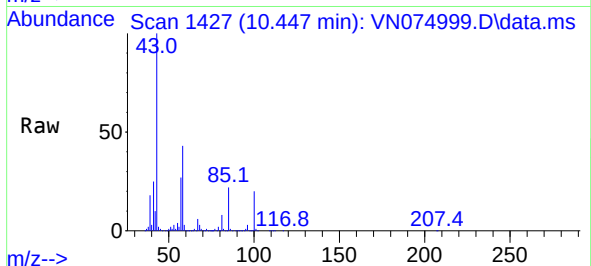




#51  
4-Methyl-2-Pentanone  
Concen: 225.335 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

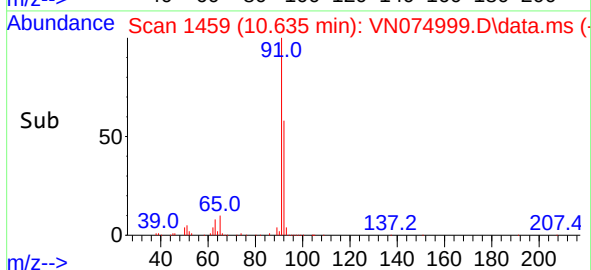
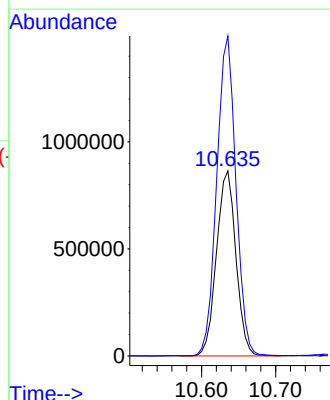
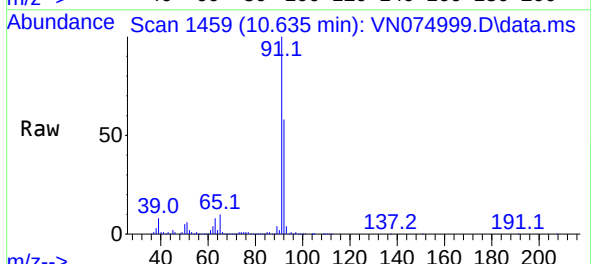
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

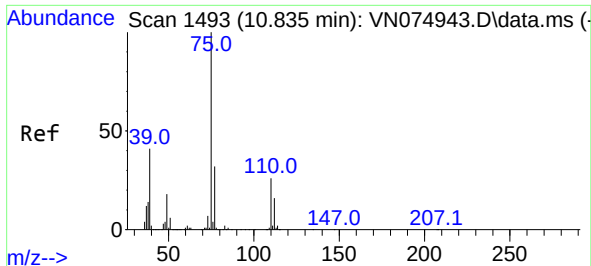
Tgt Ion: 43 Resp: 3696743  
Ion Ratio Lower Upper  
43 100  
58 42.2 33.6 50.4



#52  
Toluene  
Concen: 57.594 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 92 Resp: 1571172  
Ion Ratio Lower Upper  
92 100  
91 170.7 139.2 208.8

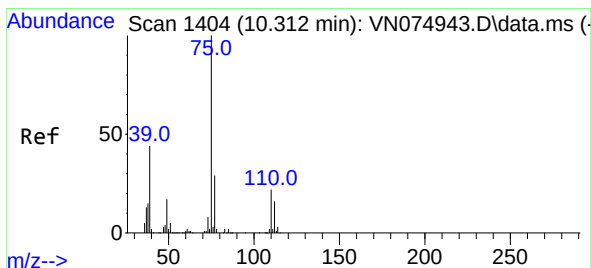
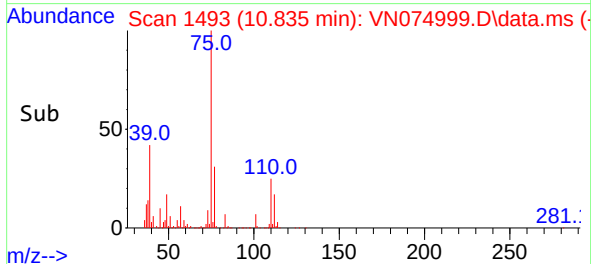
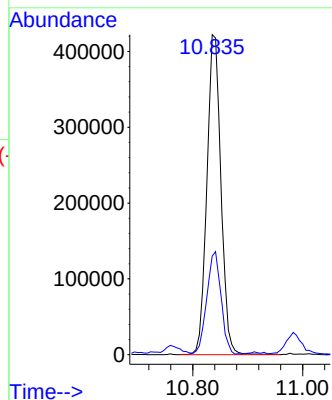
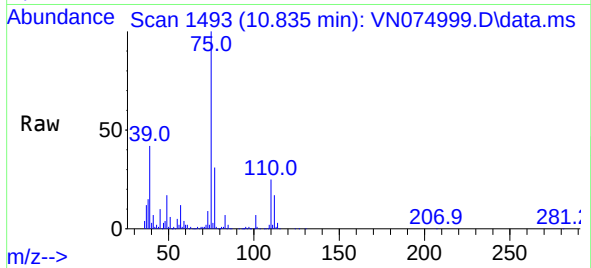




#53  
t-1,3-Dichloropropene  
Concen: 47.670 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

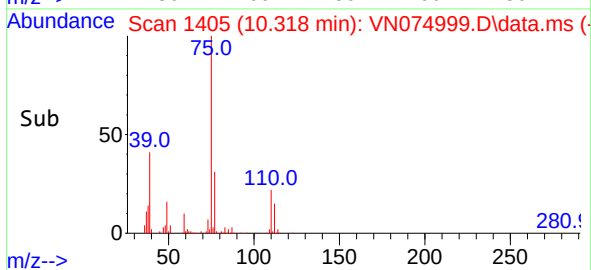
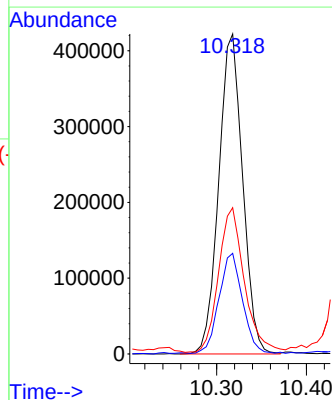
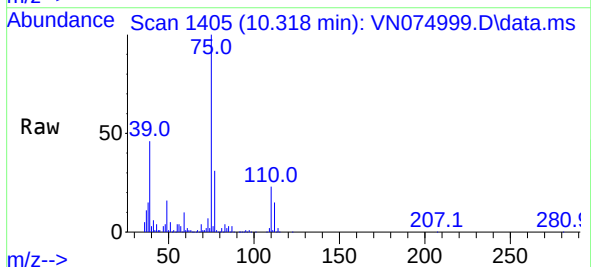
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

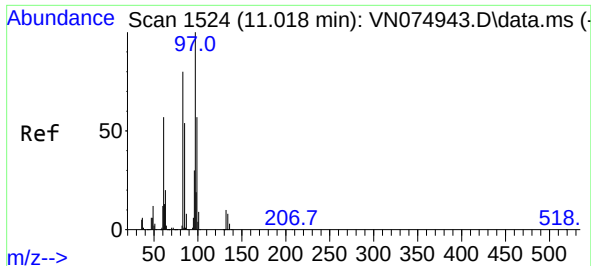
Tgt Ion: 75 Resp: 748627  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 44.921 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 75 Resp: 780141  
Ion Ratio Lower Upper  
75 100  
77 31.1 23.5 35.3  
39 44.8 35.1 52.7



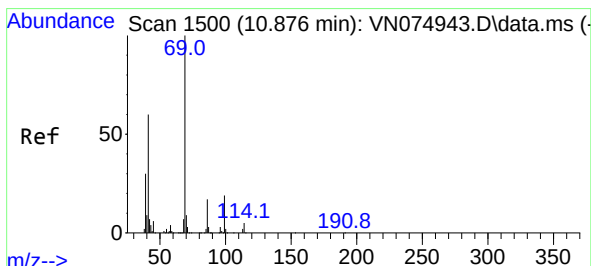
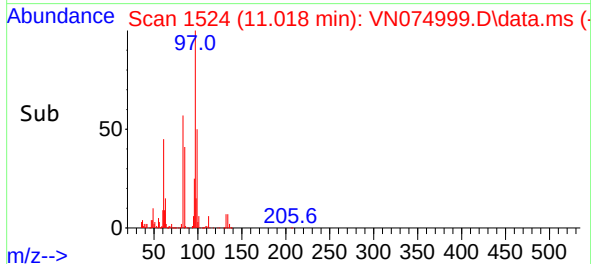
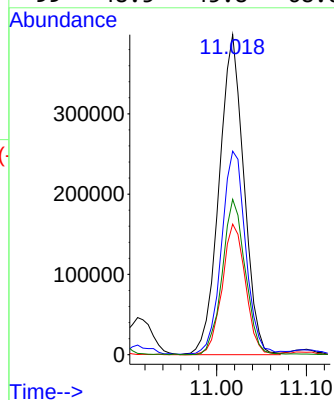
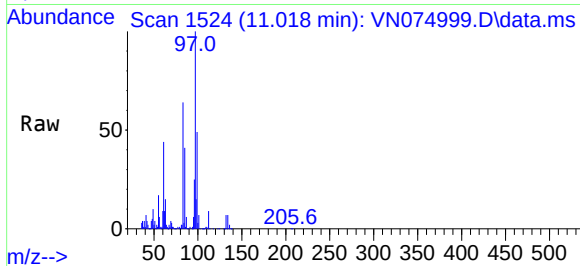


#55  
1,1,2-Trichloroethane  
Concen: 66.658 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion: 97 Resp: 763087

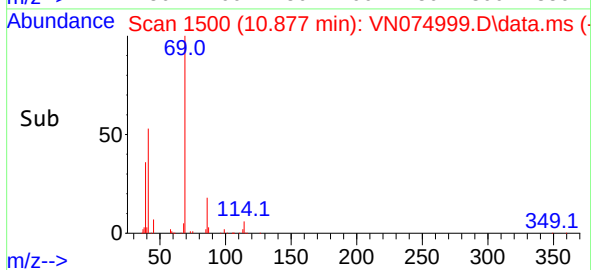
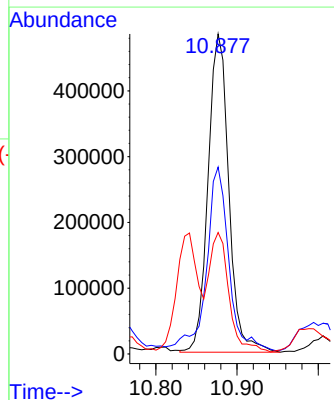
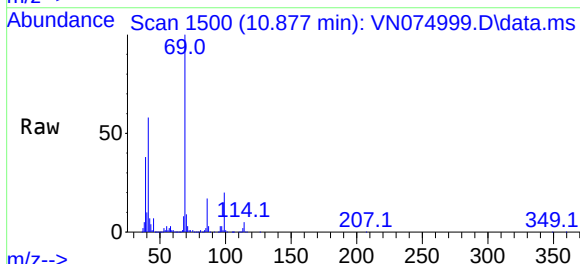
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 63.5  | 64.2  | 96.4# |
| 85  | 40.8  | 43.3  | 64.9# |
| 99  | 48.5  | 45.8  | 68.6  |



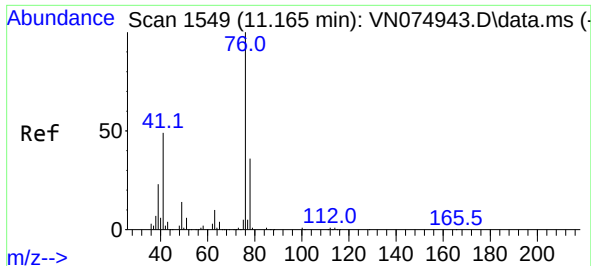
#56  
Ethyl methacrylate  
Concen: 49.849 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 69 Resp: 859373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.8  | 45.1  | 67.7  |
| 39  | 35.2  | 32.0  | 48.0  |







#57

1,3-Dichloropropane

Concen: 45.528 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074999.D

Acq: 24 Oct 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

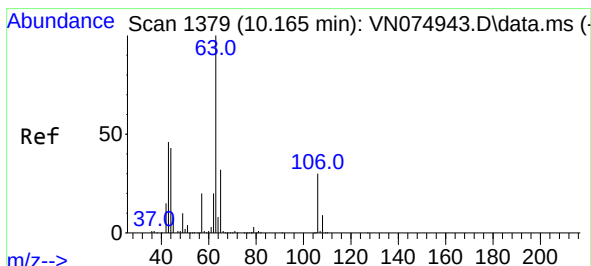
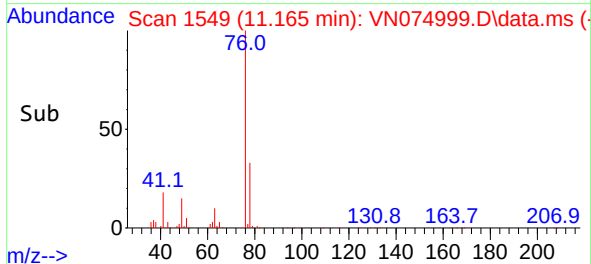
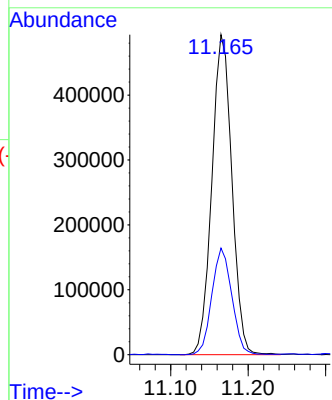
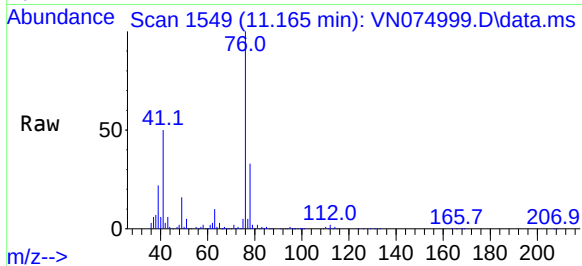
MW-2MS

Tgt Ion: 76 Resp: 884853

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 3.871 ug/l

RT: 10.147 min Scan# 1376

Delta R.T. -0.018 min

Lab File: VN074999.D

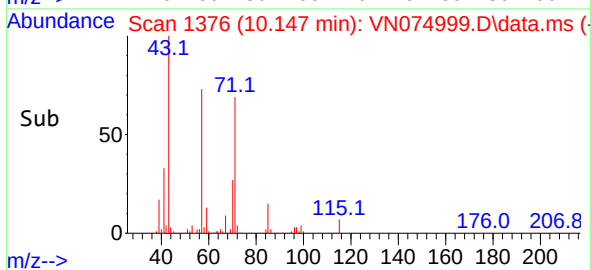
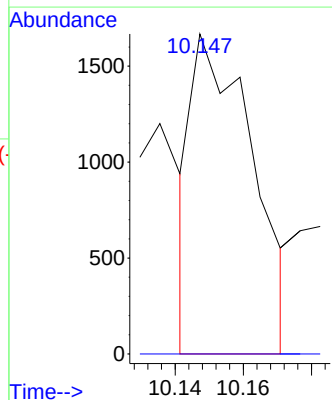
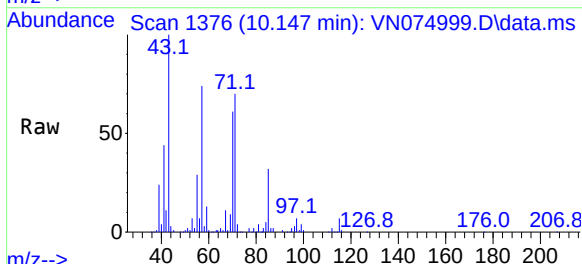
Acq: 24 Oct 2022 21:27

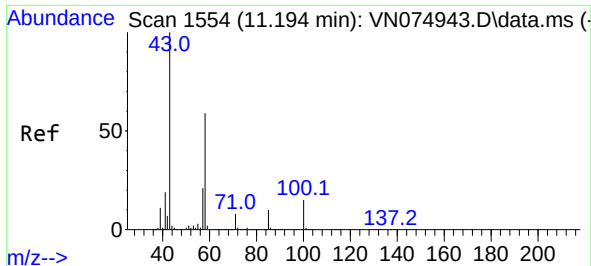
Tgt Ion: 63 Resp: 2061

Ion Ratio Lower Upper

63 100

106 0.0 24.1 36.1#

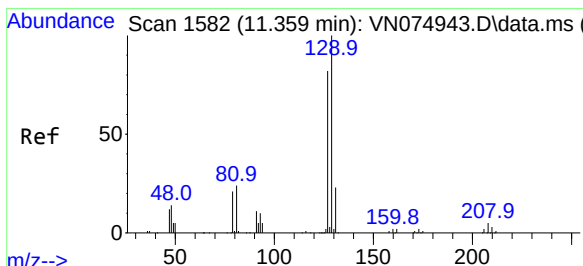
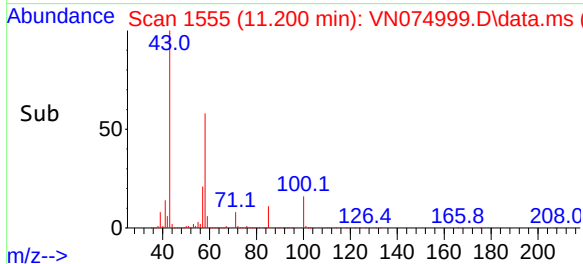
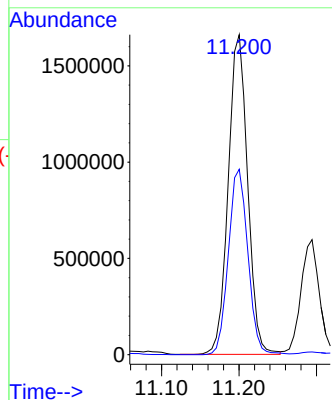
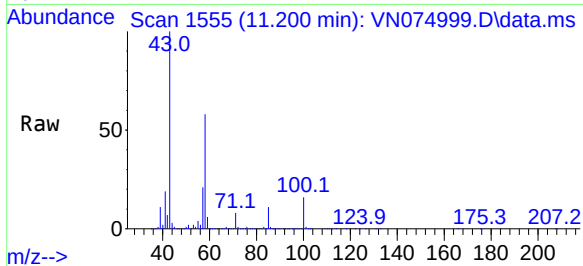




#59  
2-Hexanone  
Concen: 232.626 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

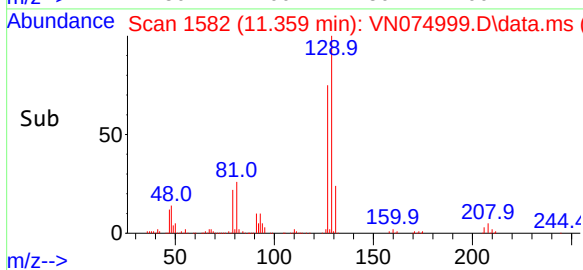
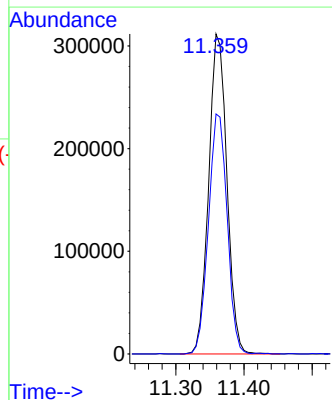
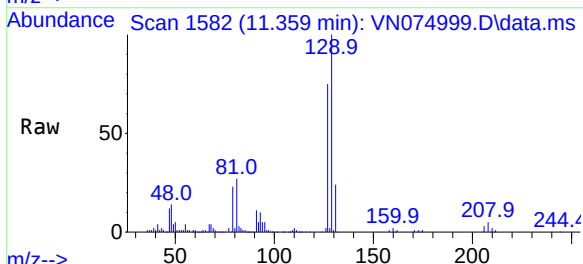
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

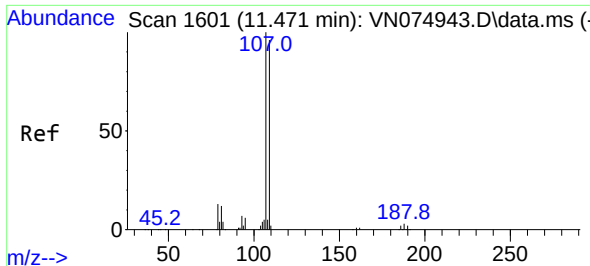
Tgt Ion: 43 Resp: 2894276  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.5 88.5



#60  
Dibromochloromethane  
Concen: 48.252 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:129 Resp: 579888  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 116.9

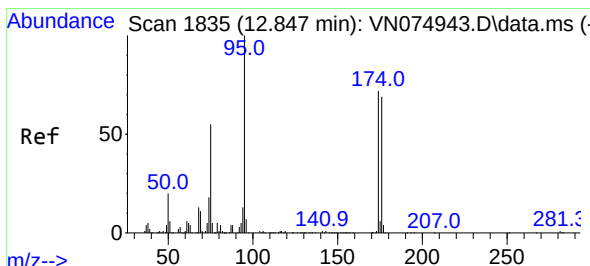
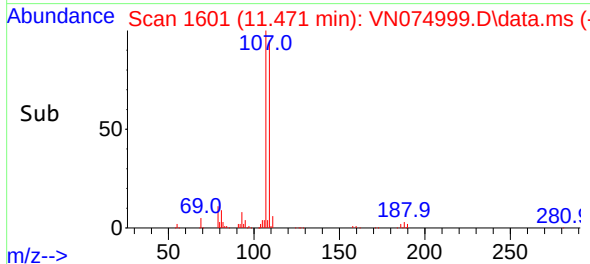
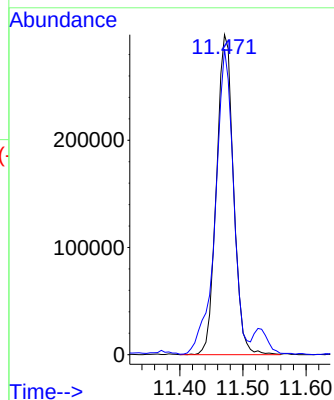
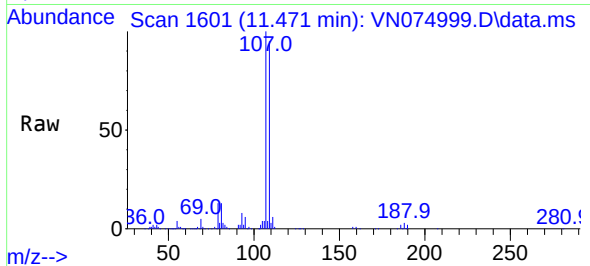




#61  
1,2-Dibromoethane  
Concen: 48.441 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

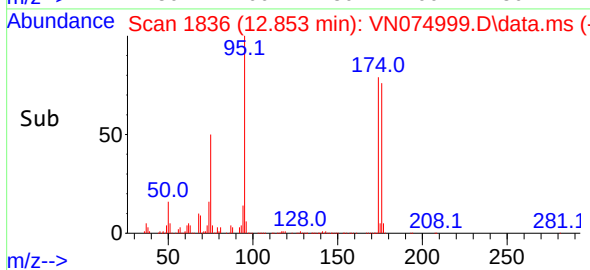
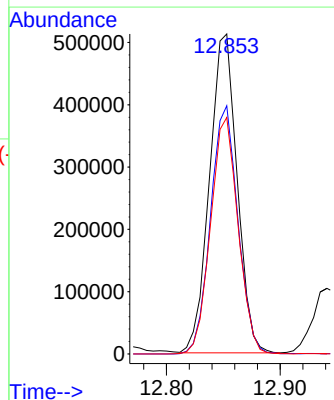
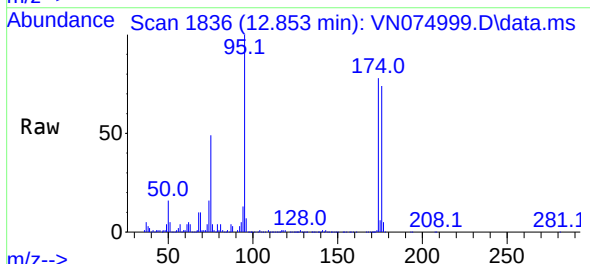
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

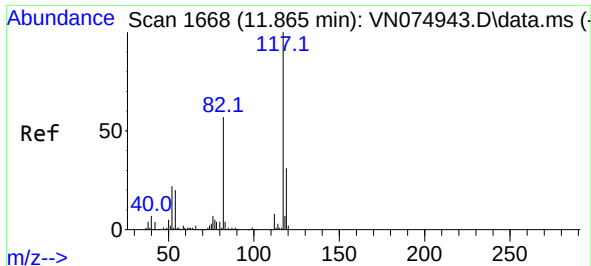
Tgt Ion:107 Resp: 559145  
Ion Ratio Lower Upper  
107 100  
109 101.6 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 59.256 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 95 Resp: 863539  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 143.0  
176 73.8 0.0 138.2



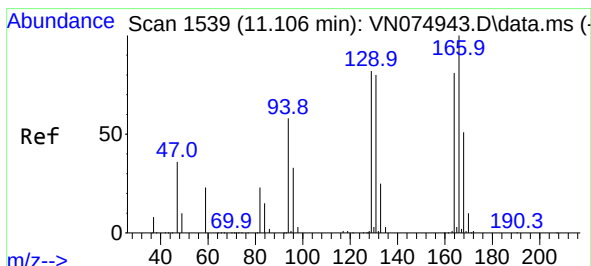
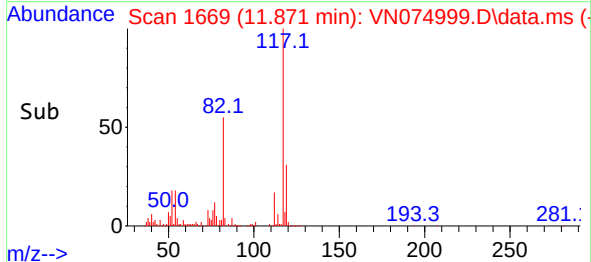
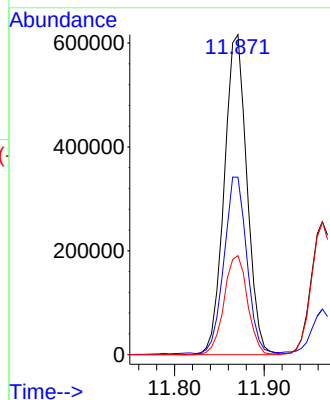
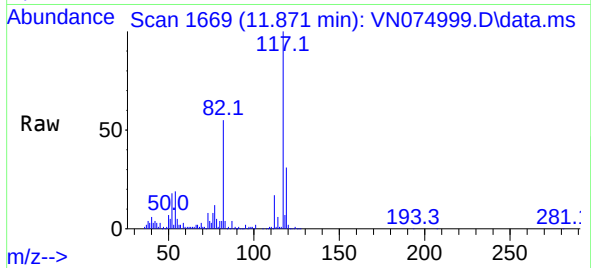


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion:117 Resp: 1082322

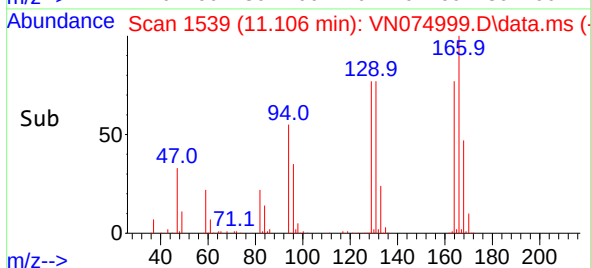
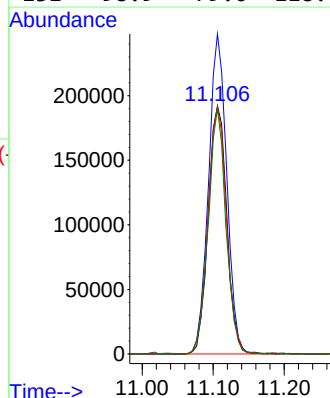
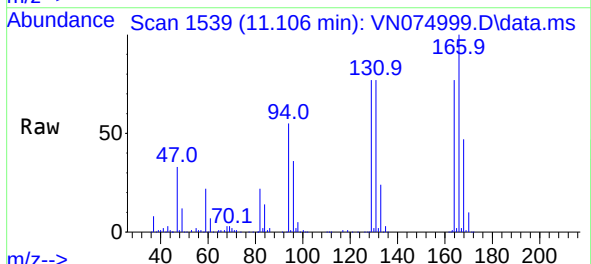
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.0  | 45.6  | 68.4  |
| 119 | 31.0  | 25.1  | 37.7  |

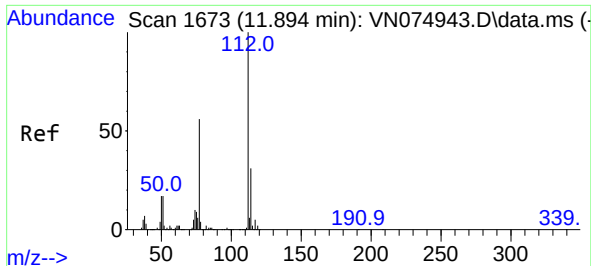


#64  
Tetrachloroethene  
Concen: 39.649 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:164 Resp: 350919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 129.1 | 98.6  | 148.0 |
| 129 | 99.9  | 81.2  | 121.8 |
| 131 | 98.9  | 79.0  | 118.6 |

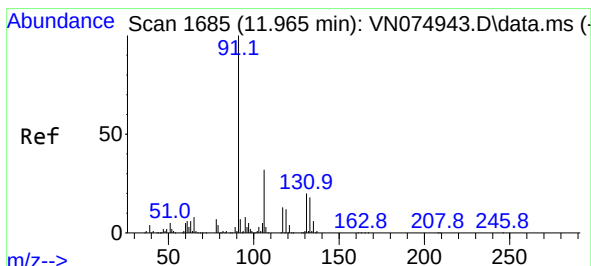
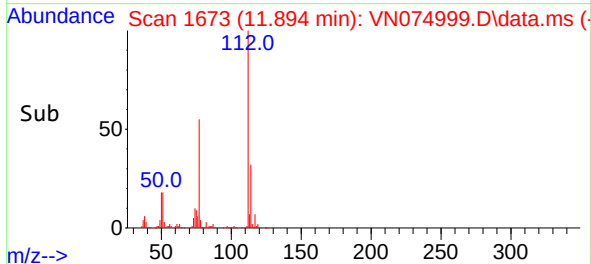
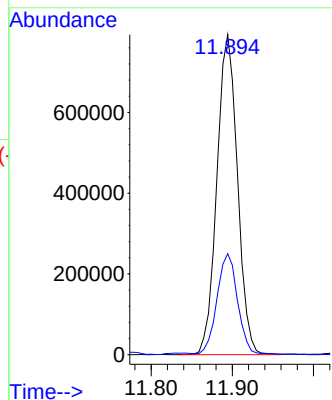
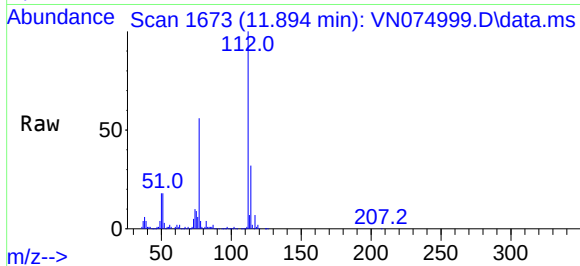




#65  
Chlorobenzene  
Concen: 42.679 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

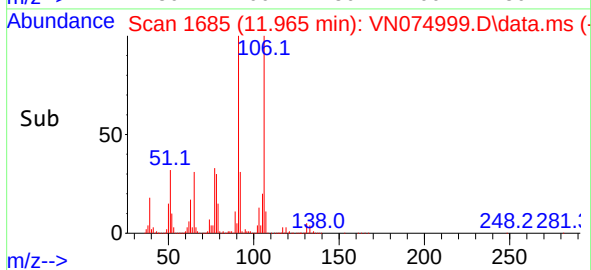
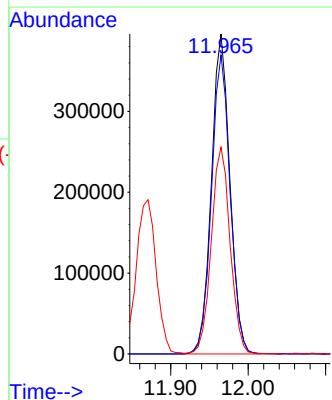
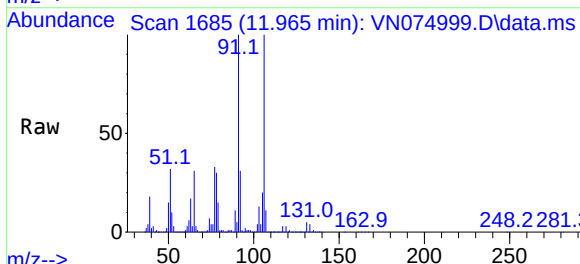
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

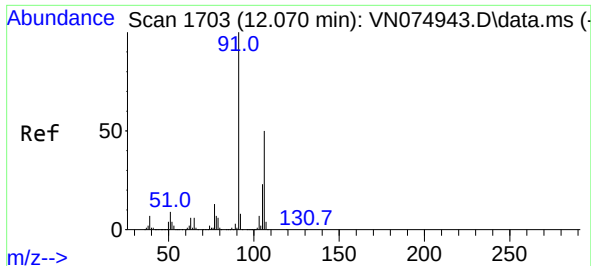
Tgt Ion:112 Resp: 1396702  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.933 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:131 Resp: 652913  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.6 139.7  
119 66.2 32.4 97.0

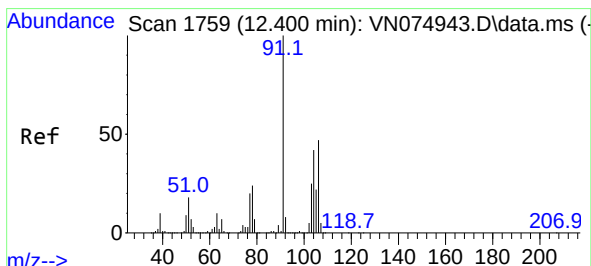
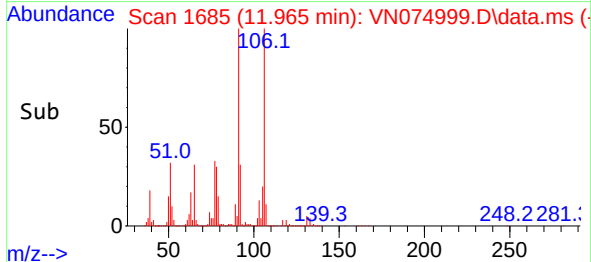
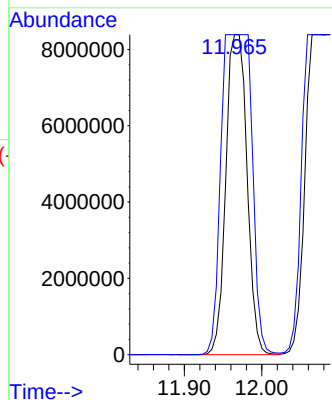
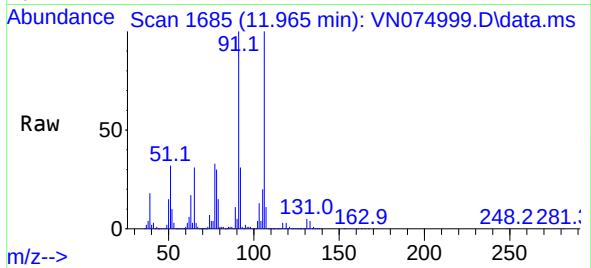




#68  
m/p-Xylenes  
Concen: 701.681 ug/l  
RT: 11.965 min Scan# 1  
Delta R.T. -0.106 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

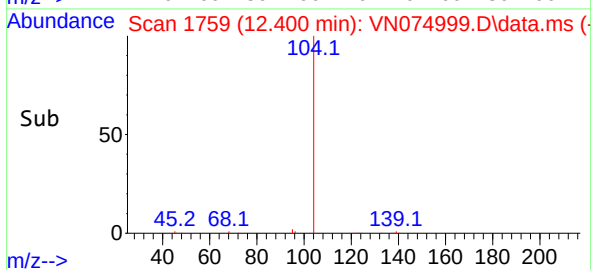
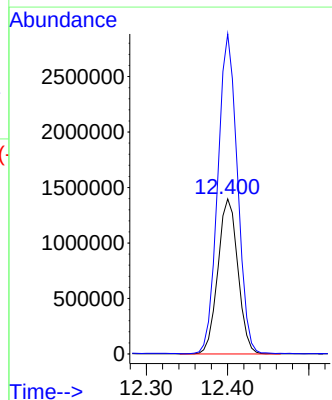
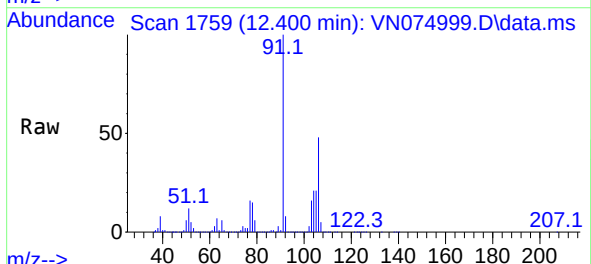
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

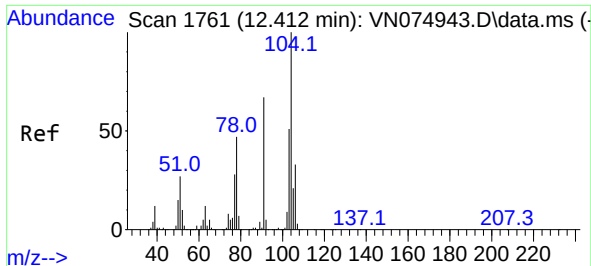
Tgt Ion:106 Resp:15897512  
Ion Ratio Lower Upper  
106 100  
91 0.0 159.7 239.5#



#69  
o-Xylene  
Concen: 105.059 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:106 Resp: 2384378  
Ion Ratio Lower Upper  
106 100  
91 203.6 103.6 310.7

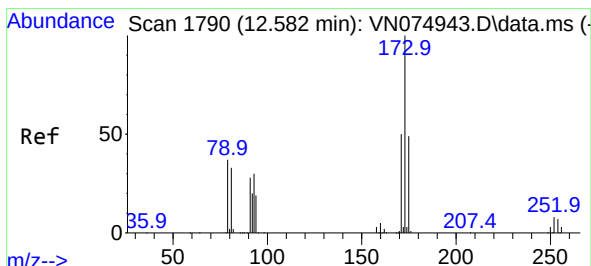
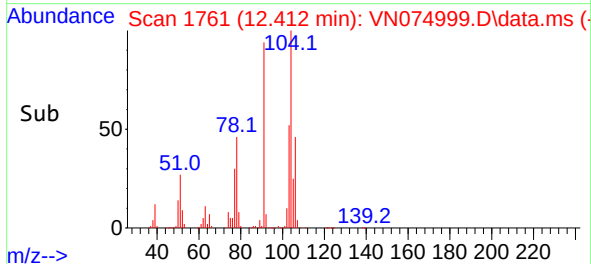
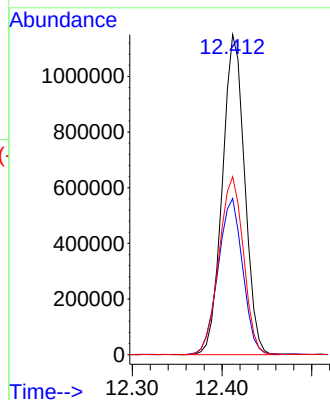
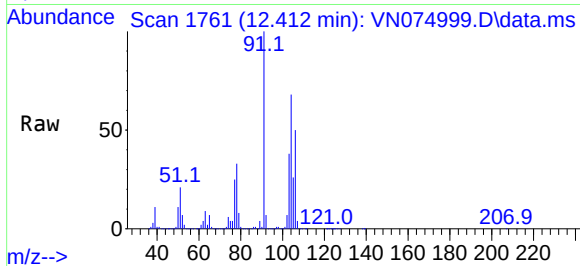




#70  
Styrene  
Concen: 55.117 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

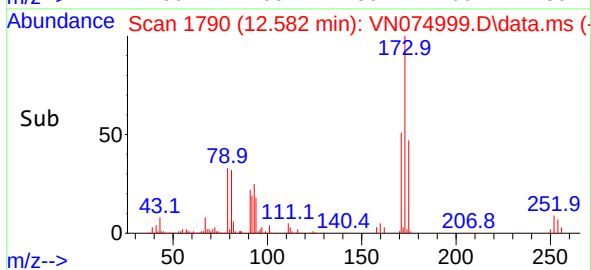
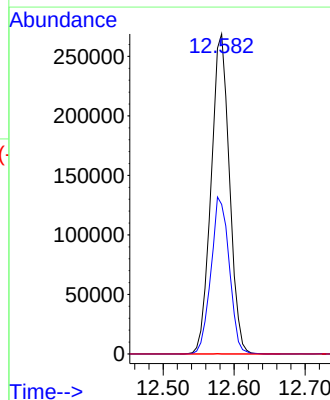
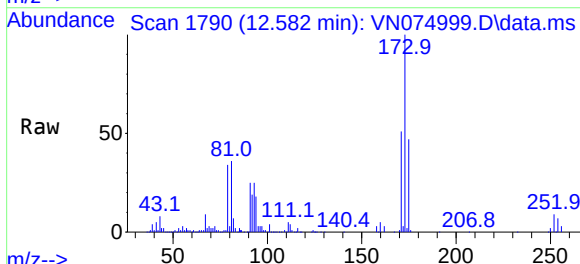
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

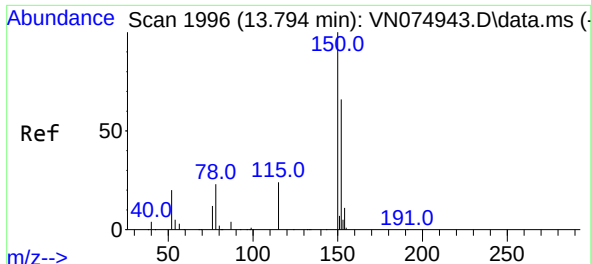
Tgt Ion:104 Resp: 1982692  
Ion Ratio Lower Upper  
104 100  
78 53.7 39.4 59.2  
103 61.0 43.0 64.4



#71  
Bromoform  
Concen: 51.725 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:173 Resp: 481522  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.8 74.3  
254 0.0 0.1 0.1#

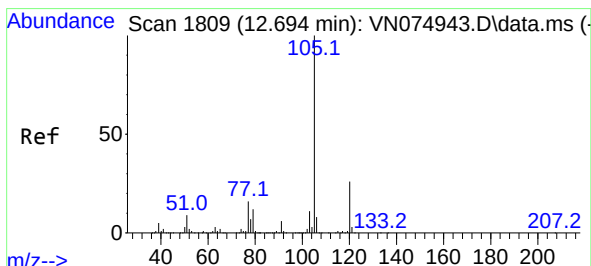
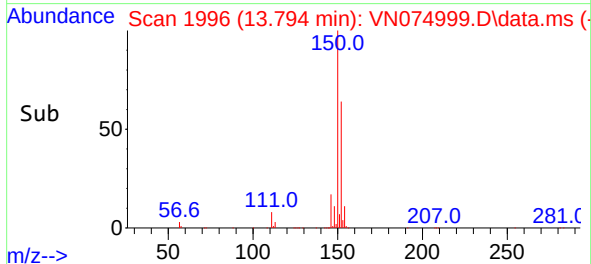
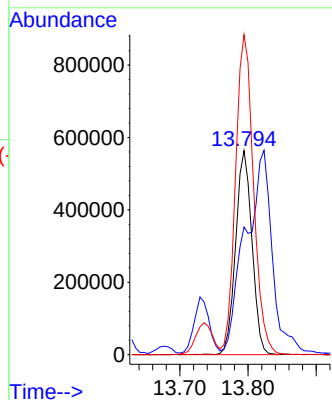
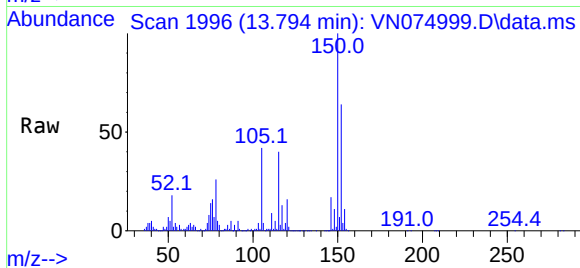




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 1996  
 Delta R.T. 0.000 min  
 Lab File: VN074999.D  
 Acq: 24 Oct 2022 21:27

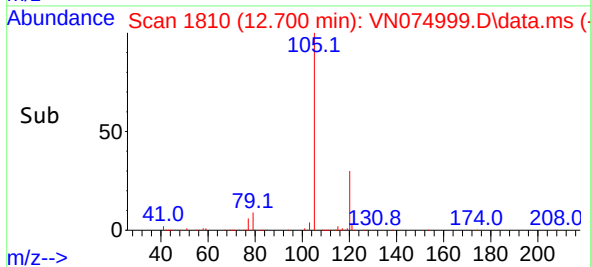
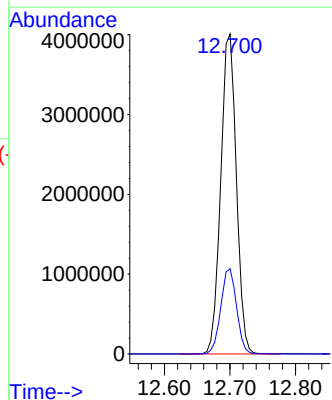
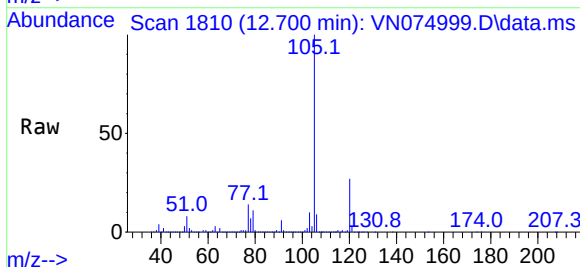
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2MS

Tgt Ion:152 Resp: 938655  
 Ion Ratio Lower Upper  
 152 100  
 115 0.0 31.3 93.8#  
 150 172.8 0.0 349.6

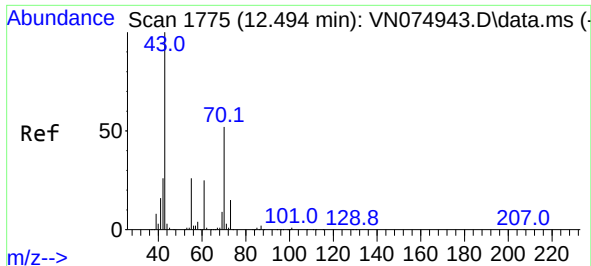


#73  
 Isopropylbenzene  
 Concen: 86.092 ug/l  
 RT: 12.700 min Scan# 1810  
 Delta R.T. 0.006 min  
 Lab File: VN074999.D  
 Acq: 24 Oct 2022 21:27

Tgt Ion:105 Resp: 6600663  
 Ion Ratio Lower Upper  
 105 100  
 120 26.8 13.5 40.4





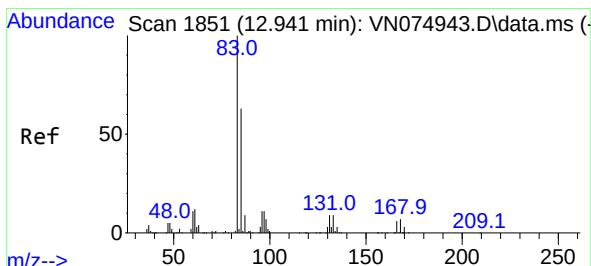
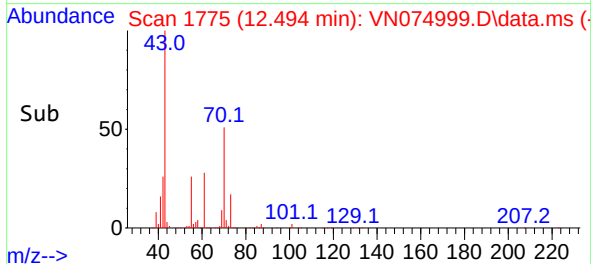
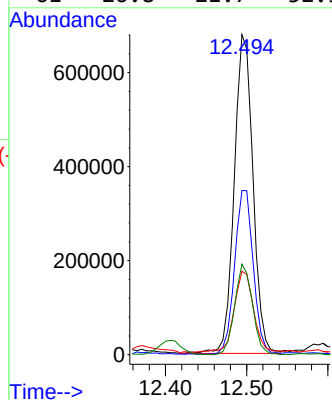
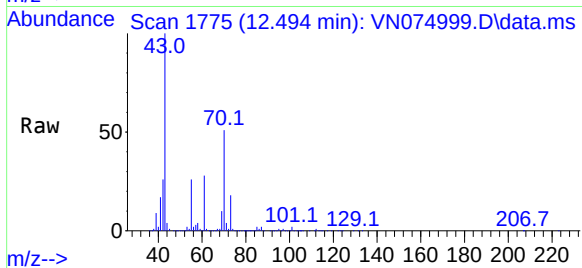


#74  
N-amy1 acetate  
Concen: 35.265 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion: 43 Resp: 1086392

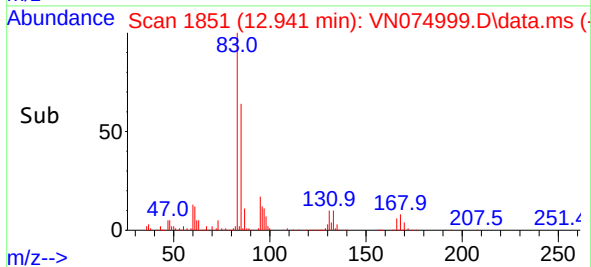
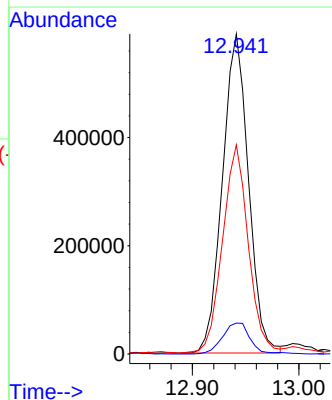
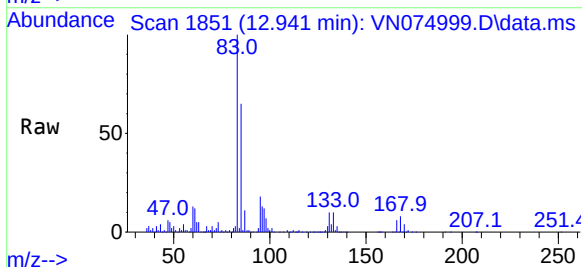
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 51.3  | 40.2  | 60.2  |
| 55  | 26.3  | 20.6  | 31.0  |
| 61  | 26.8  | 21.7  | 32.5  |

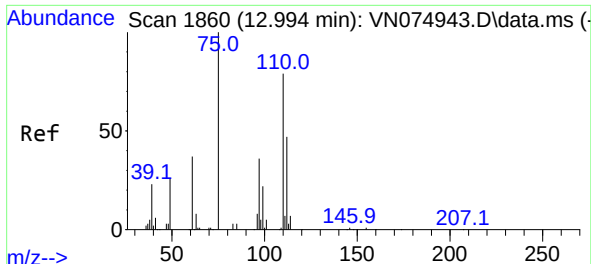


#75  
1,1,2,2-Tetrachloroethane  
Concen: 34.993 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 83 Resp: 1001960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.4  | 5.1   | 15.3  |
| 85  | 64.5  | 32.6  | 97.7  |

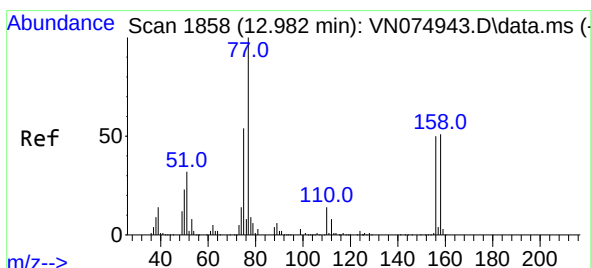
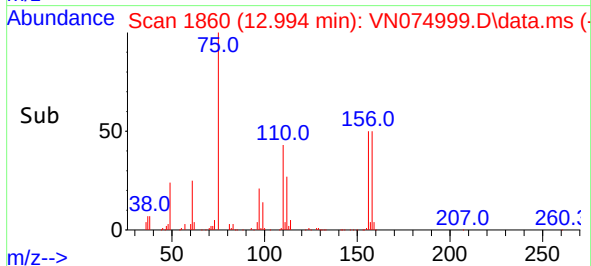
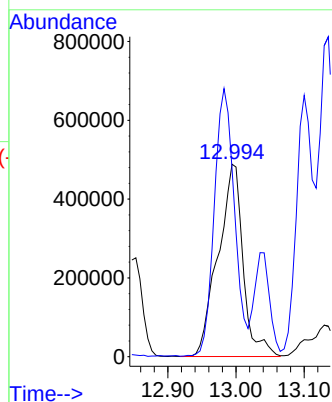
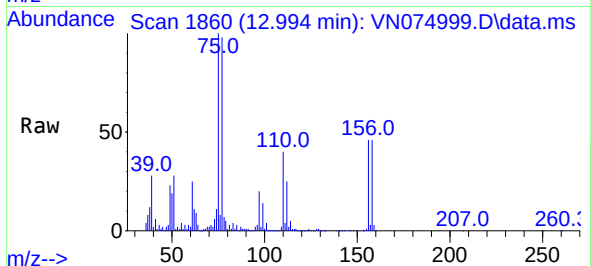




#76  
1,2,3-Trichloropropane  
Concen: 49.032 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

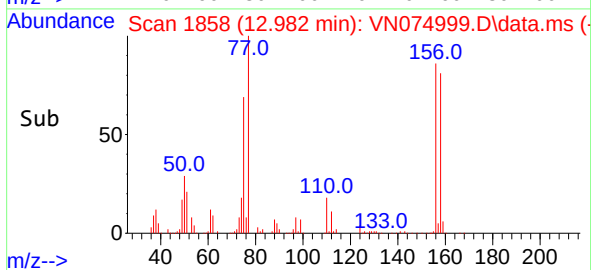
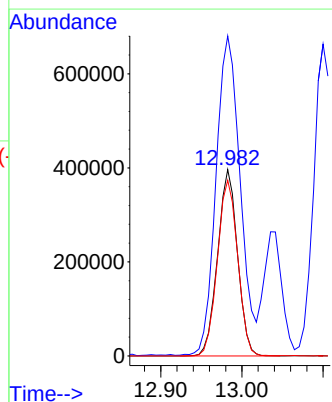
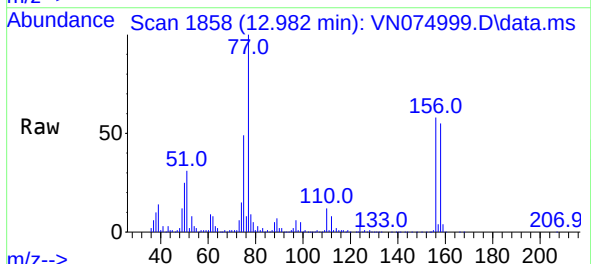
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

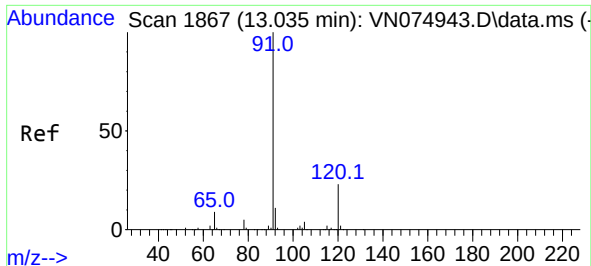
Tgt Ion: 75 Resp: 1248134  
Ion Ratio Lower Upper  
75 100  
77 112.5 81.0 243.0



#77  
Bromobenzene  
Concen: 38.356 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:156 Resp: 674364  
Ion Ratio Lower Upper  
156 100  
77 208.3 117.1 351.3  
158 96.4 48.3 144.9

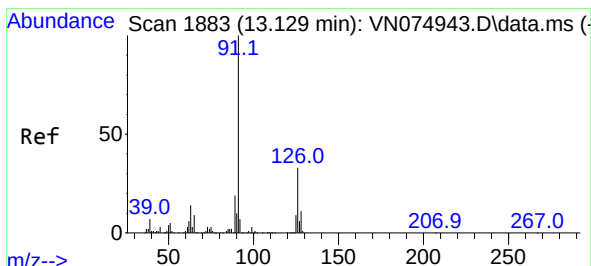
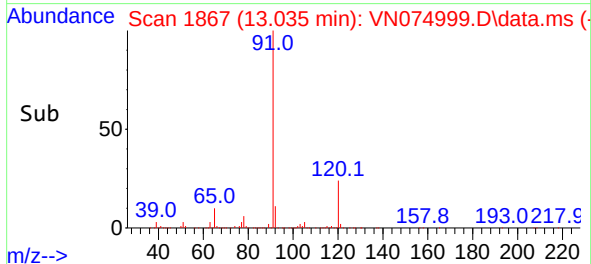
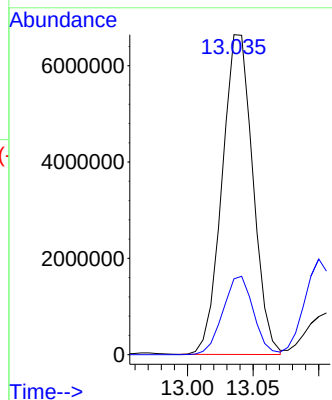
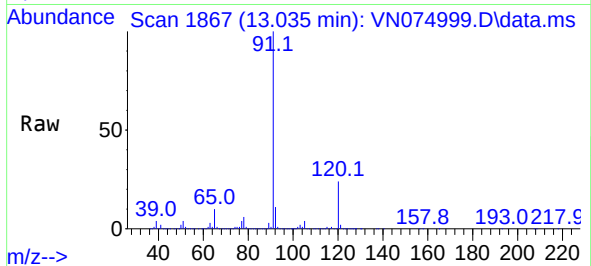




#78  
n-propylbenzene  
Concen: 120.922 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

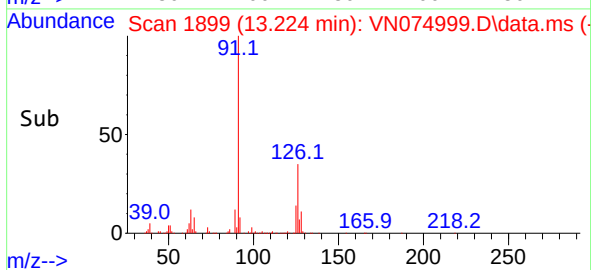
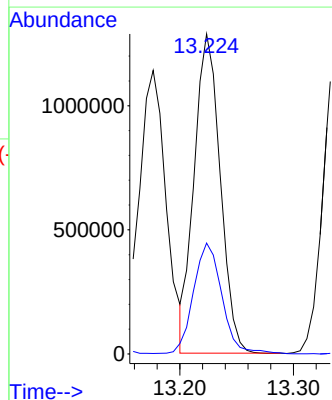
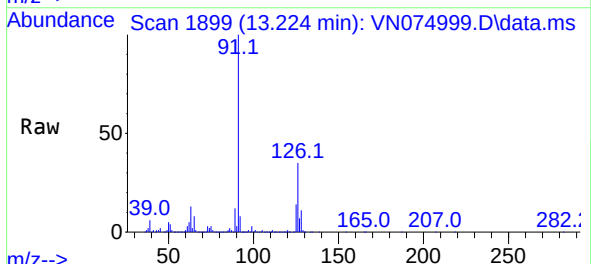
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

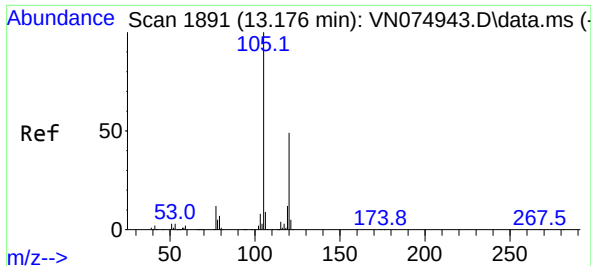
Tgt Ion: 91 Resp:10850470  
Ion Ratio Lower Upper  
91 100  
120 24.3 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 36.776 ug/l  
RT: 13.224 min Scan# 1899  
Delta R.T. 0.094 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 91 Resp: 2044143  
Ion Ratio Lower Upper  
91 100  
126 38.0 17.0 51.0

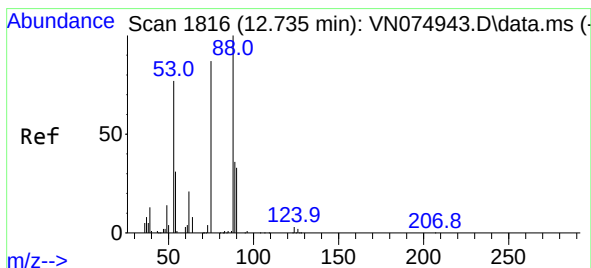
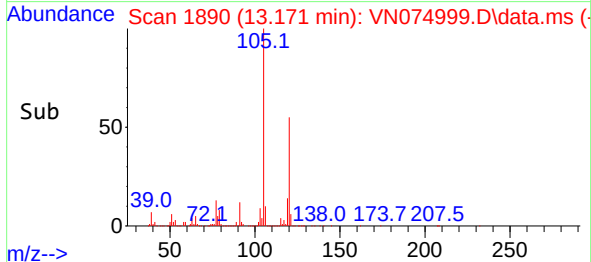
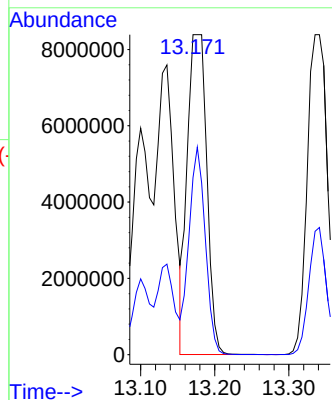
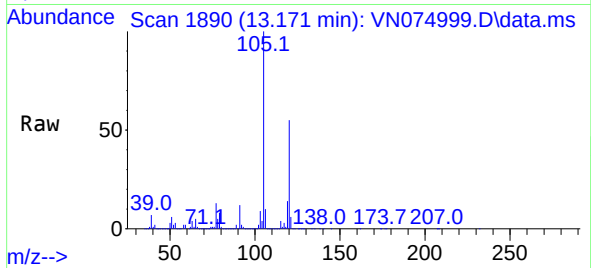




#80  
1,3,5-Trimethylbenzene  
Concen: 232.106 ug/l  
RT: 13.171 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

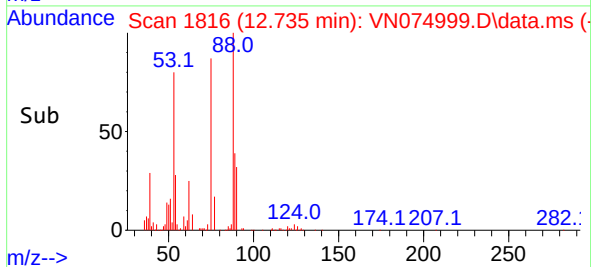
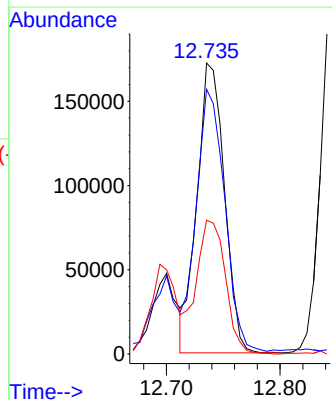
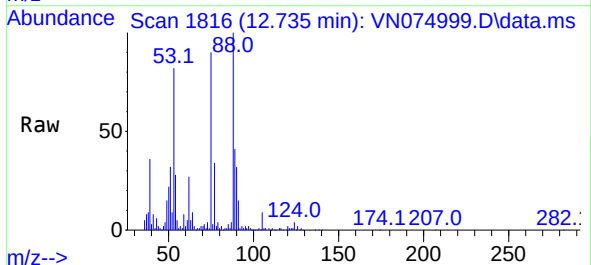
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

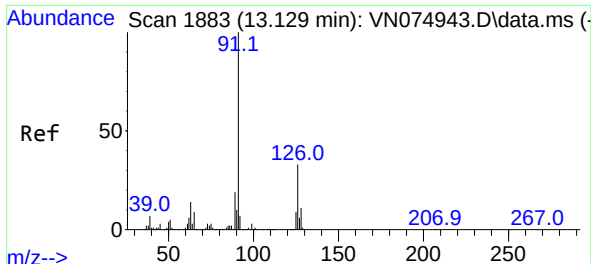
Tgt Ion:105 Resp:15371530  
Ion Ratio Lower Upper  
105 100  
120 54.3 24.3 72.9



#81  
trans-1,4-Dichloro-2-butene  
Concen: 36.175 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 75 Resp: 287205  
Ion Ratio Lower Upper  
75 100  
53 93.9 79.2 118.8  
89 50.0 37.9 56.9

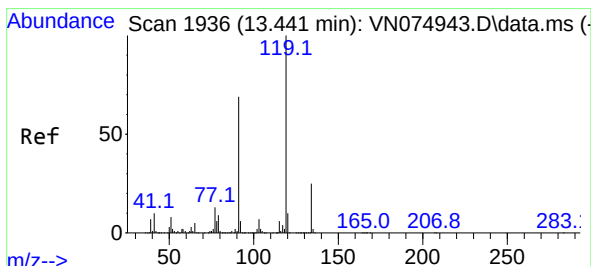
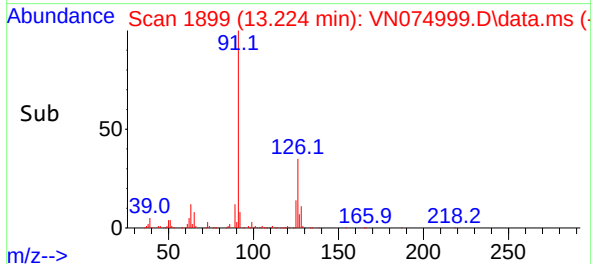
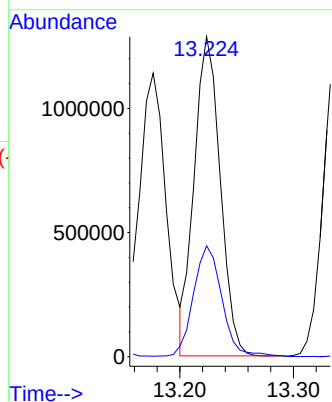
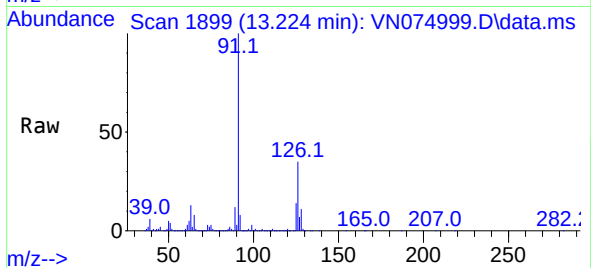




#82  
4-Chlorotoluene  
Concen: 36.776 ug/l  
RT: 13.224 min Scan# 1883  
Delta R.T. 0.094 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

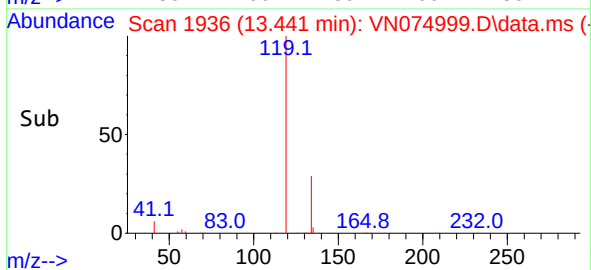
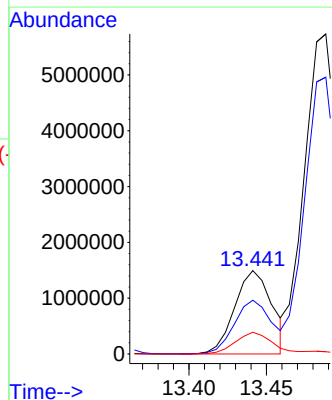
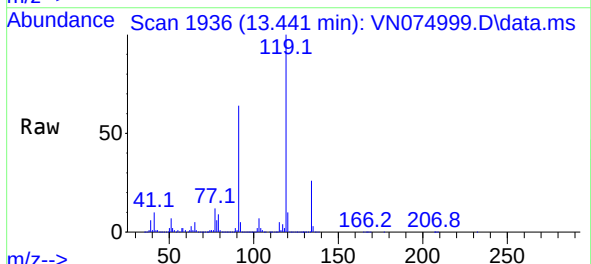
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

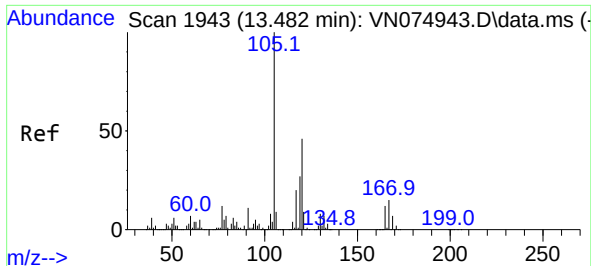
Tgt Ion: 91 Resp: 2044143  
Ion Ratio Lower Upper  
91 100  
126 38.0 17.0 51.0



#83  
tert-Butylbenzene  
Concen: 42.446 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 119 Resp: 2487629  
Ion Ratio Lower Upper  
119 100  
91 64.4 33.1 99.3  
134 28.2 12.4 37.0

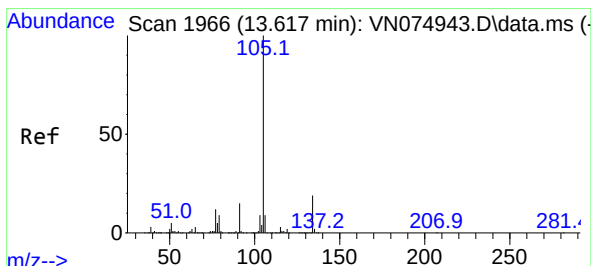
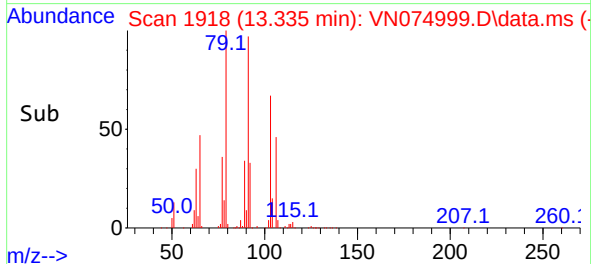
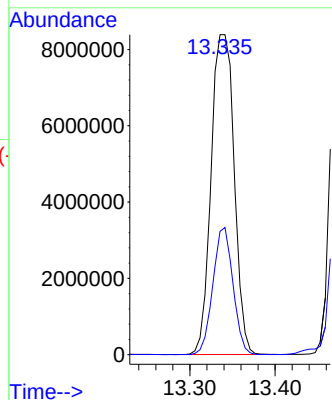
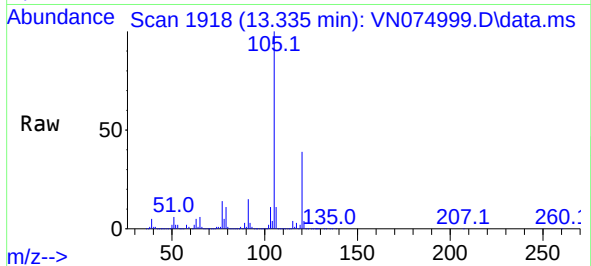




#84  
1,2,4-Trimethylbenzene  
Concen: 235.960 ug/l  
RT: 13.335 min Scan# 1918  
Delta R.T. -0.147 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

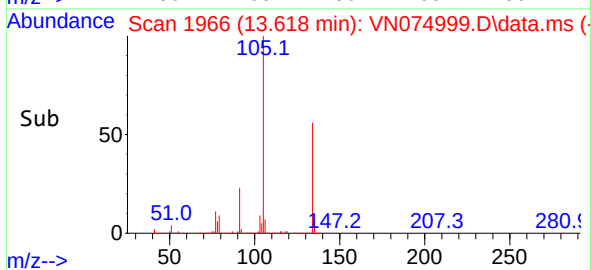
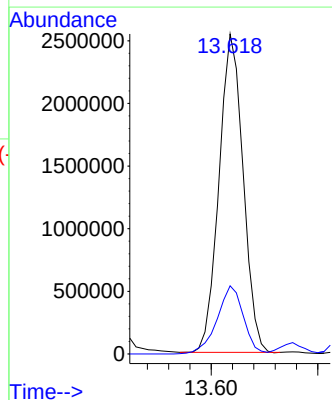
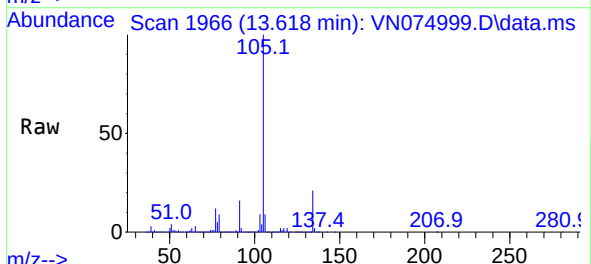
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

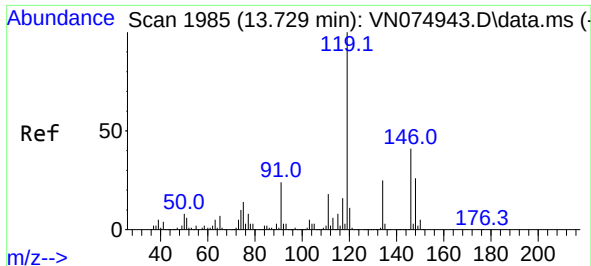
Tgt Ion:105 Resp:15783406  
Ion Ratio Lower Upper  
105 100  
120 34.6 22.9 68.5



#85  
sec-Butylbenzene  
Concen: 48.556 ug/l  
RT: 13.618 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:105 Resp: 3995502  
Ion Ratio Lower Upper  
105 100  
134 23.4 9.7 29.1

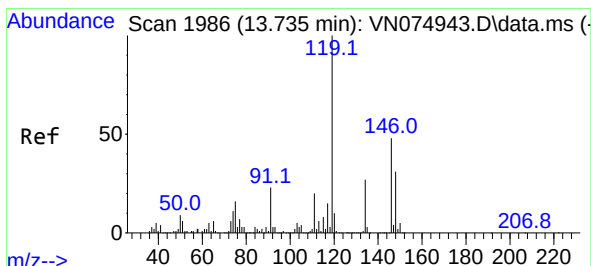
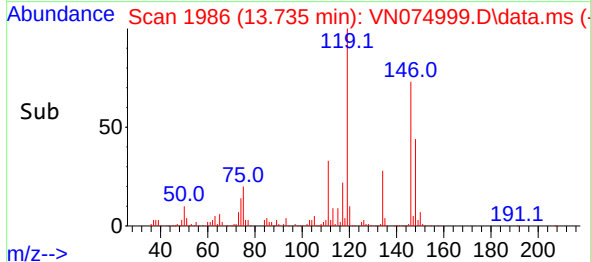
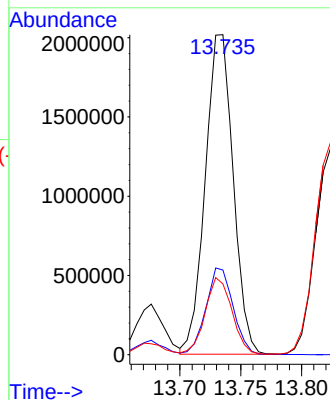
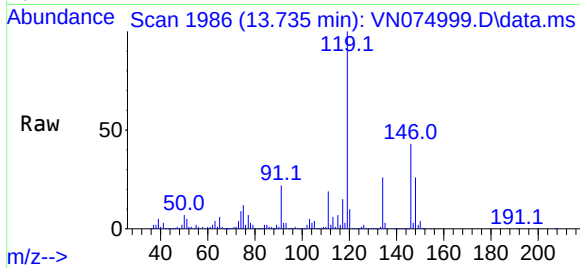




#86  
p-Isopropyltoluene  
Concen: 47.678 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

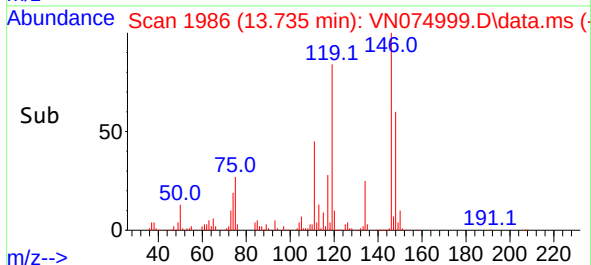
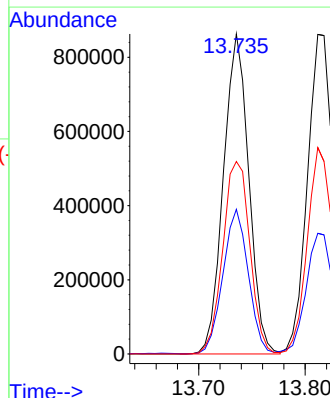
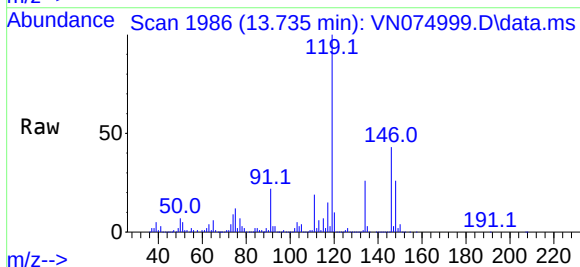
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

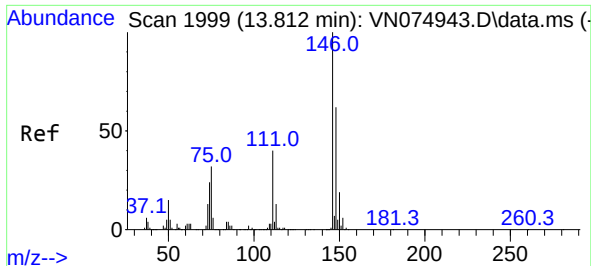
Tgt Ion:119 Resp: 3231151  
Ion Ratio Lower Upper  
119 100  
134 26.5 12.9 38.7  
91 22.9 11.9 35.5



#87  
1,3-Dichlorobenzene  
Concen: 42.420 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:146 Resp: 1426945  
Ion Ratio Lower Upper  
146 100  
111 45.2 21.5 64.5  
148 64.2 31.7 95.1

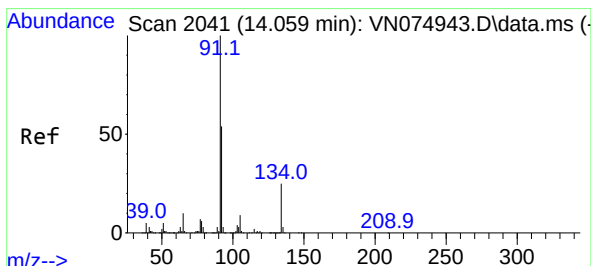
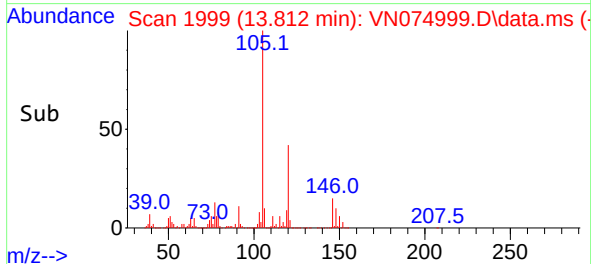
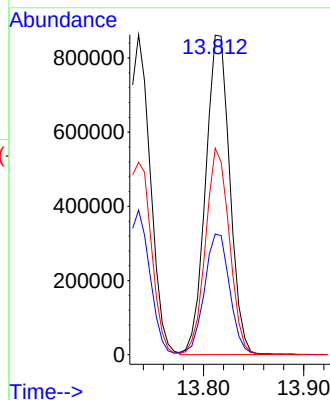
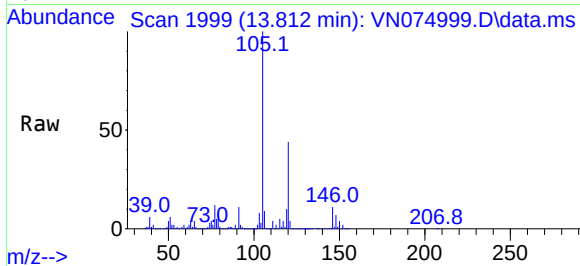




#88  
1,4-Dichlorobenzene  
Concen: 42.332 ug/l  
RT: 13.812 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

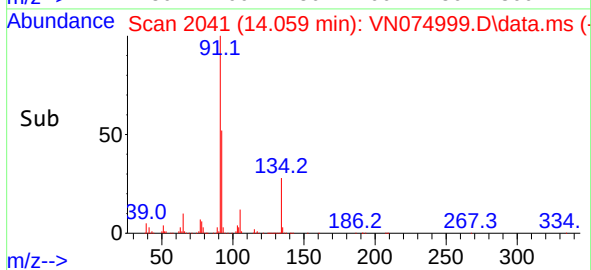
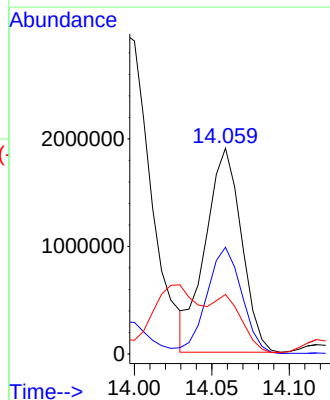
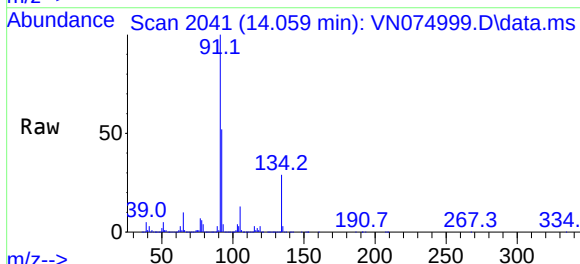
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion:146 Resp: 1443705  
Ion Ratio Lower Upper  
146 100  
111 39.2 20.3 61.0  
148 63.7 32.3 96.9

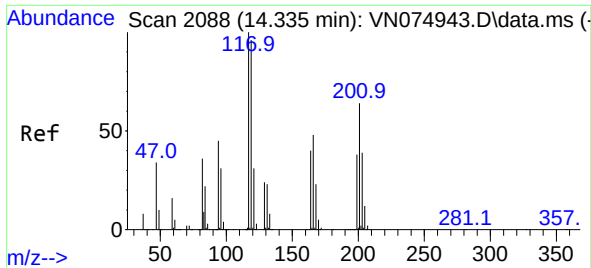


#89  
n-Butylbenzene  
Concen: 53.012 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion: 91 Resp: 3067883  
Ion Ratio Lower Upper  
91 100  
92 50.7 26.3 78.9  
134 0.0 12.6 37.6#



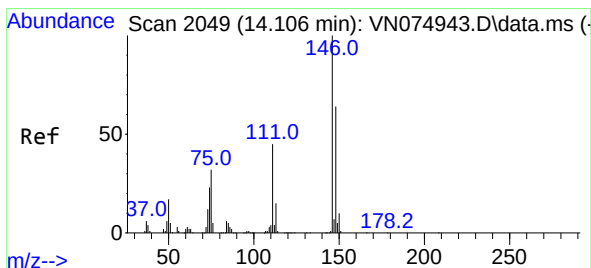
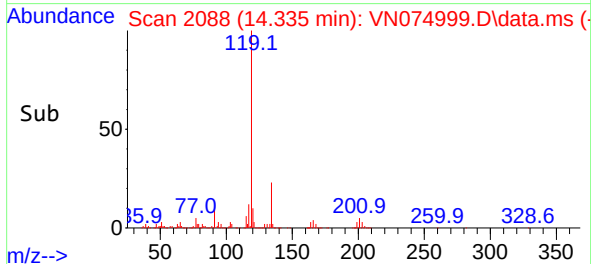
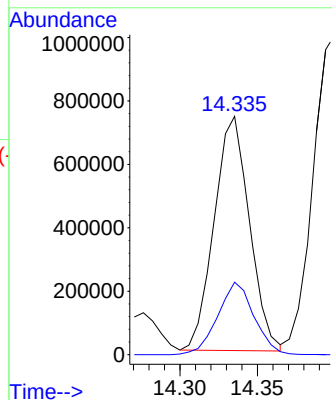
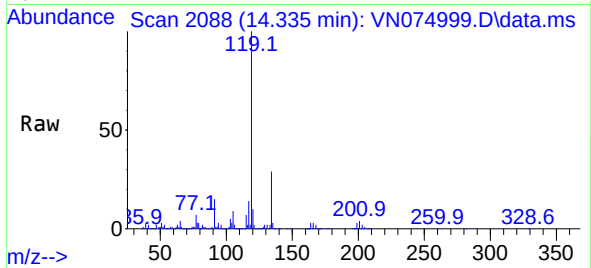




#90  
Hexachloroethane  
Concen: 89.007 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

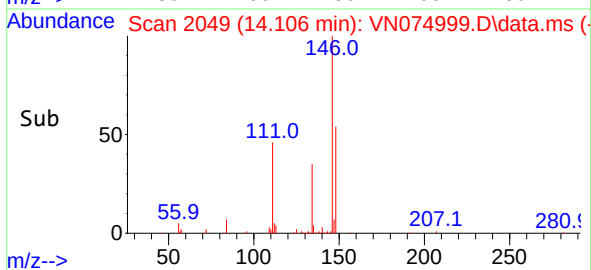
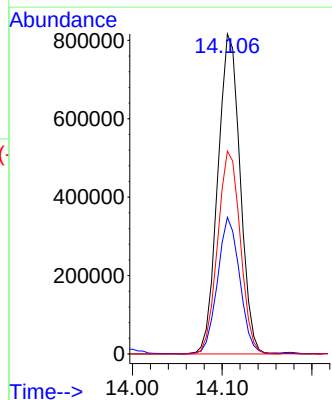
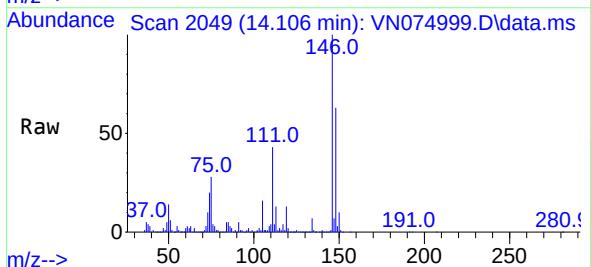
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

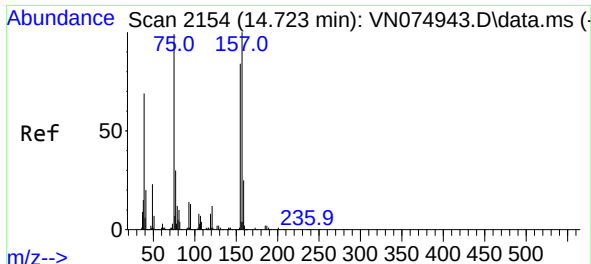
Tgt Ion:117 Resp: 1168691  
Ion Ratio Lower Upper  
117 100  
201 31.8 30.6 91.6



#91  
1,2-Dichlorobenzene  
Concen: 40.929 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:146 Resp: 1411226  
Ion Ratio Lower Upper  
146 100  
111 42.3 22.2 66.6  
148 64.4 31.9 95.5

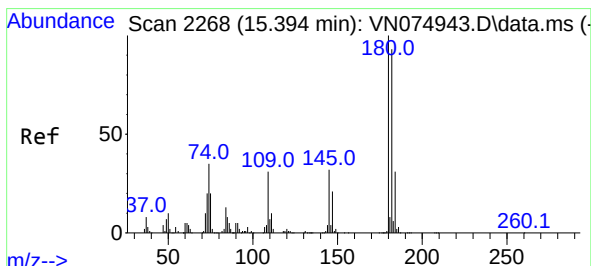
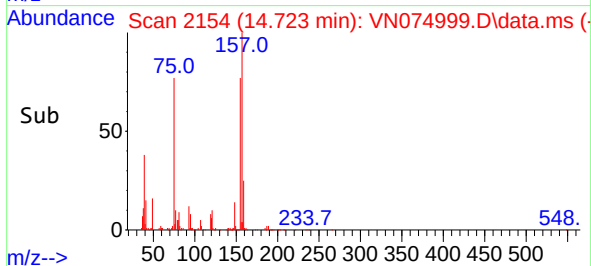
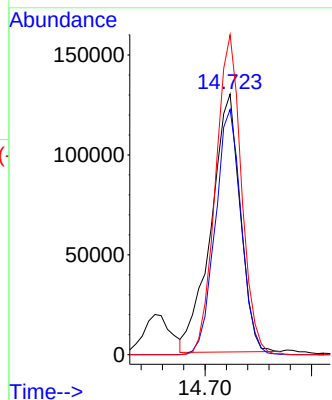
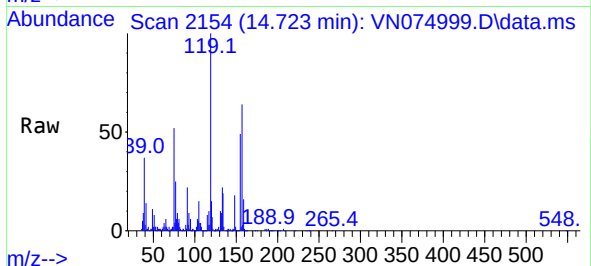




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.088 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

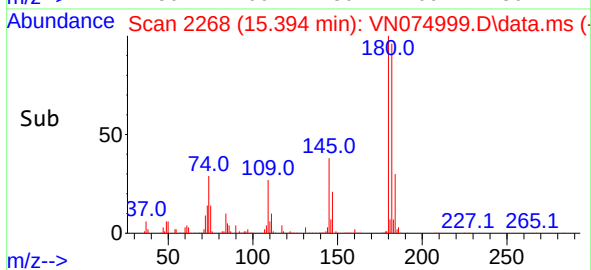
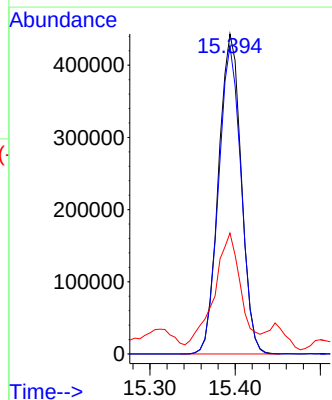
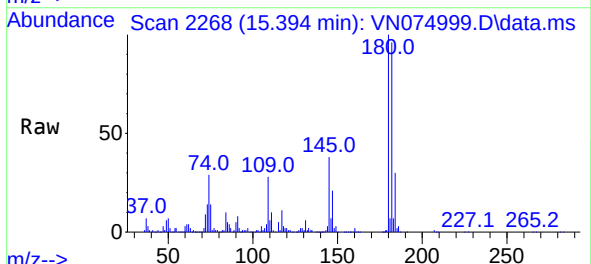
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

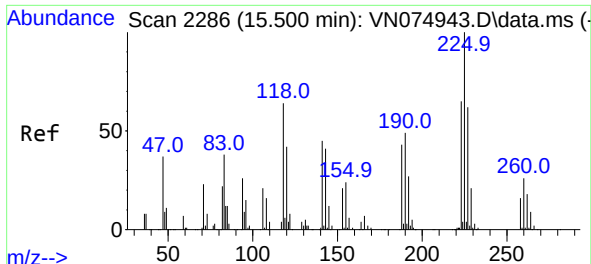
Tgt Ion: 75 Resp: 244451  
Ion Ratio Lower Upper  
75 100  
155 85.0 39.6 118.8  
157 110.1 47.8 143.4



#93  
1,2,4-Trichlorobenzene  
Concen: 54.588 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:180 Resp: 819095  
Ion Ratio Lower Upper  
180 100  
182 95.5 46.6 139.7  
145 47.6 16.7 50.0

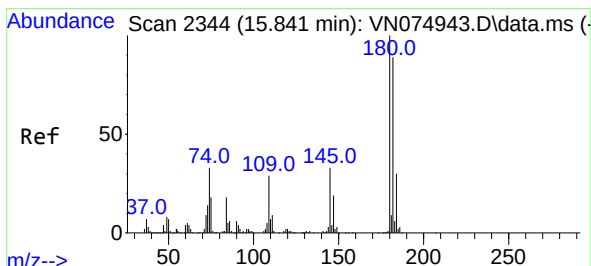
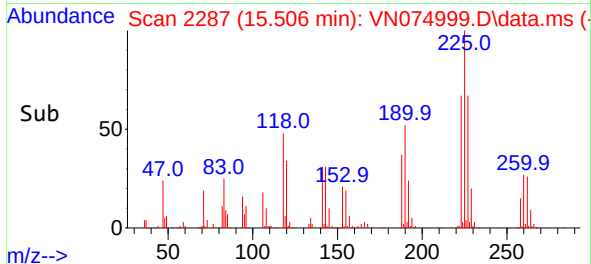
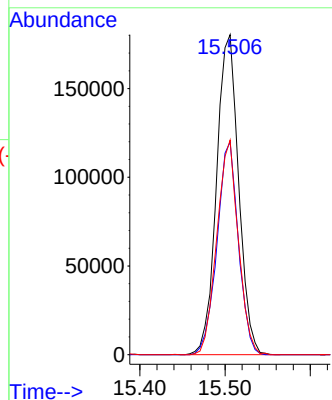
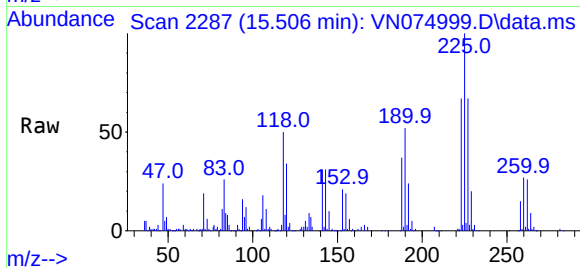




#94  
Hexachlorobutadiene  
Concen: 41.879 ug/l  
RT: 15.506 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2MS

Tgt Ion:225 Resp: 324423  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.9 95.5  
227 65.0 31.4 94.0



#96  
1,2,3-Trichlorobenzene  
Concen: 53.881 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. 0.000 min  
Lab File: VN074999.D  
Acq: 24 Oct 2022 21:27

Tgt Ion:180 Resp: 813672  
Ion Ratio Lower Upper  
180 100  
182 95.4 46.7 140.1  
145 46.5 17.2 51.5

