

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122822\  
 Data File : VN075989.D  
 Acq On : 28 Dec 2022 10:37  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Dec 29 04:42:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 284386   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 450190   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 409660   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 195463   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 156885   | 50.709   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.420% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 144605   | 51.868   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.740% |      |
| 50) Toluene-d8              | 10.571 | 98    | 529079   | 50.756   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.520% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 182846   | 52.960   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 105.920% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 85641   | 42.413  | ug/l   | 98  |
| 3) Chloromethane             | 2.371 | 50  | 103805  | 41.342  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.530 | 62  | 127063  | 42.424  | ug/l   | 100 |
| 5) Bromomethane              | 2.959 | 94  | 106576  | 41.869  | ug/l   | 99  |
| 6) Chloroethane              | 3.130 | 64  | 93122   | 41.985  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 206918  | 45.529  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.977 | 74  | 81458   | 49.073  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 122494  | 47.201  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.600 | 142 | 188345  | 44.720  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.547 | 59  | 94761   | 216.460 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 111633  | 44.290  | ug/l   | 98  |
| 13) Acrolein                 | 4.194 | 56  | 159689  | 297.539 | ug/l   | 98  |
| 14) Allyl chloride           | 5.036 | 41  | 148174  | 50.289  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.736 | 53  | 286069  | 239.455 | ug/l   | 99  |
| 16) Acetone                  | 4.442 | 43  | 287904  | 269.949 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.724 | 76  | 238220  | 39.036  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.036 | 43  | 149384  | 47.386  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 428307  | 51.602  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.289 | 84  | 134211  | 47.004  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 124299  | 45.031  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.683 | 45  | 368442  | 51.476  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.612 | 43  | 1230766 | 255.472 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 227284  | 47.613  | ug/l   | 99  |
| 25) 2-Butanone               | 7.494 | 43  | 381372  | 255.387 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 204853  | 50.675  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 159064  | 48.182  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.818 | 49  | 96976   | 46.350  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 232790  | 248.756 | ug/l   | 99  |
| 30) Chloroform               | 7.971 | 83  | 260447  | 48.459  | ug/l   | 92  |
| 31) Cyclohexane              | 8.265 | 56  | 190920  | 43.088  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 234476  | 49.209  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 176436  | 47.640  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.565 | 43  | 148623  | 49.960  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 206558  | 49.832  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.606 | 83  | 229857  | 51.445  | ug/l   | 97  |
| 40) Benzene                  | 8.612 | 78  | 548775  | 48.026  | ug/l   | 99  |

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 Data File : VN075989.D  
 Acq On : 28 Dec 2022 10:37  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 29 04:42:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 78553    | 50.801  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 189672   | 49.929  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 259862   | 52.955  | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 151543   | 47.076  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 139495   | 50.167  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 103196   | 50.037  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 209173   | 51.719  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 120305   | 54.432  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.712  | 88   | 46802    | 861.349 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 791652   | 266.758 | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 370124   | 49.735  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 215010   | 54.309  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 233988   | 53.830  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 151341   | 51.812  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 214508   | 55.288  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 247194   | 51.592  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 331650   | 268.483 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 583878   | 269.785 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.365 | 129  | 170319   | 52.431  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 150935   | 51.061  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 148851   | 51.636  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 402793   | 47.905  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 156794   | 50.345  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 725375   | 51.116  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 573552   | 102.115 | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 284036   | 51.101  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 470051   | 53.186  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 121086   | 53.432  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 739841   | 52.378  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 226888   | 54.754  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 209223   | 47.915  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 256237   | 65.034  | ug/l   | 73       |
| 77) Bromobenzene              | 12.982 | 156  | 179841   | 50.309  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.041 | 91   | 855640   | 54.922  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 493102   | 50.705  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 621885   | 52.604  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 62166    | 56.793  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 493102   | 50.705  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 565011   | 54.207  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 625606   | 53.344  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 787273   | 54.724  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 664363   | 55.499  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 328349   | 49.726  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 327793   | 48.594  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 546899   | 56.394  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 117190   | 54.728  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 330645   | 50.836  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 38844    | 50.133  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 183529   | 56.996  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 92119    | 52.435  | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 541312   | 50.847  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 177183   | 58.872  | ug/l   | 98       |

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Data File : VN075989.D  
Acq On : 28 Dec 2022 10:37  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

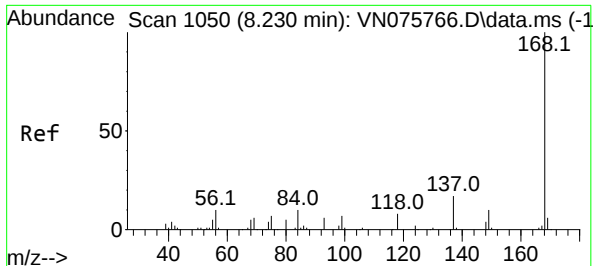
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

Quant Time: Dec 29 04:42:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

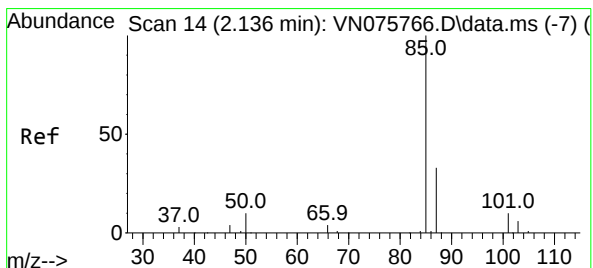
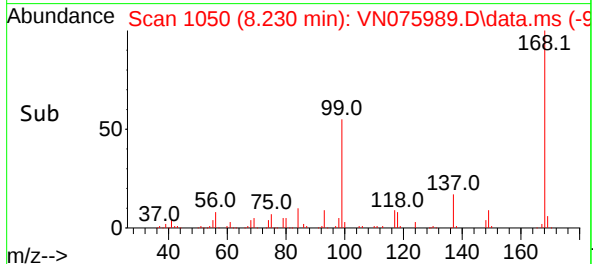
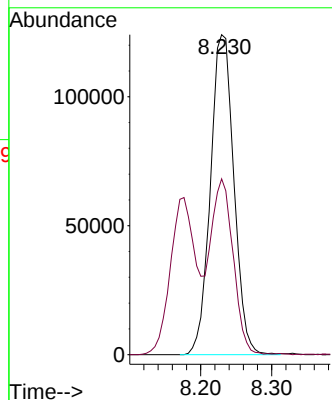
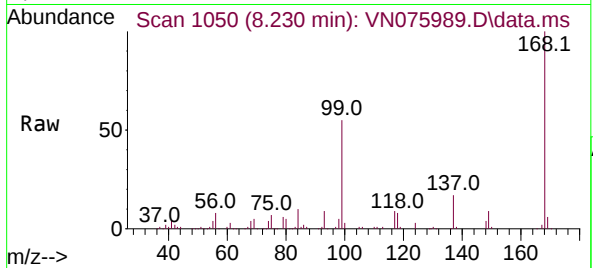




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

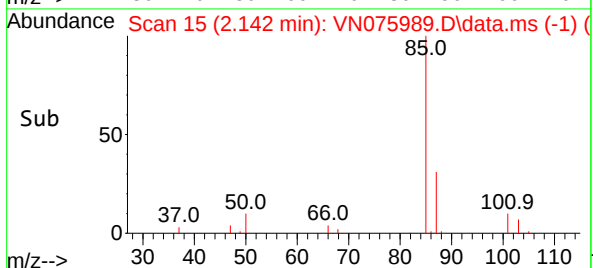
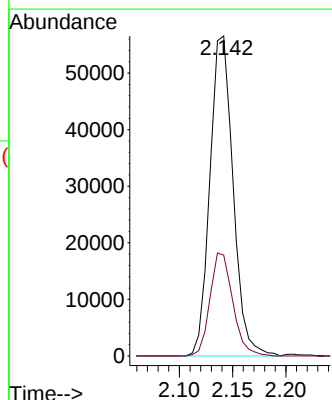
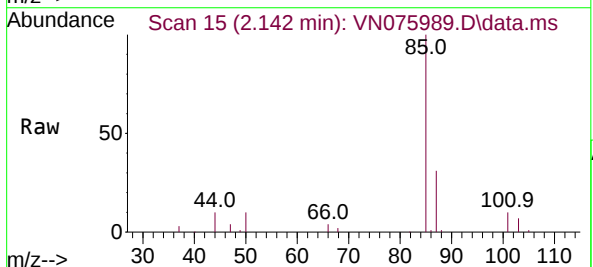
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

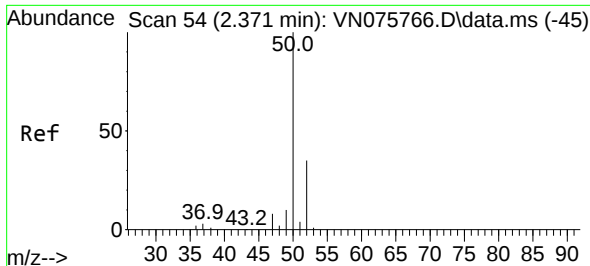
Tgt Ion:168 Resp: 284386  
Ion Ratio Lower Upper  
168 100  
99 54.6 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 42.413 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 85 Resp: 85641  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.3 48.9

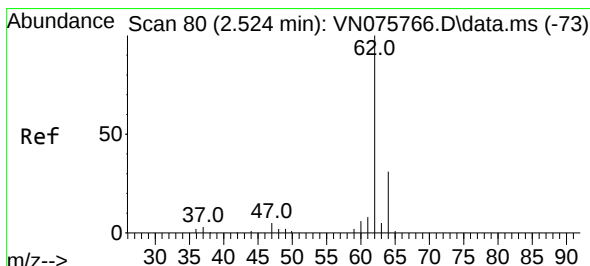
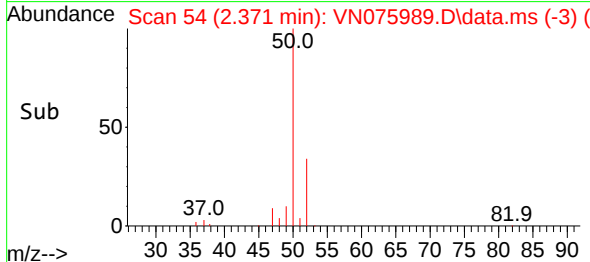
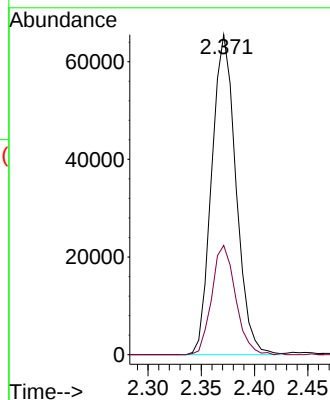
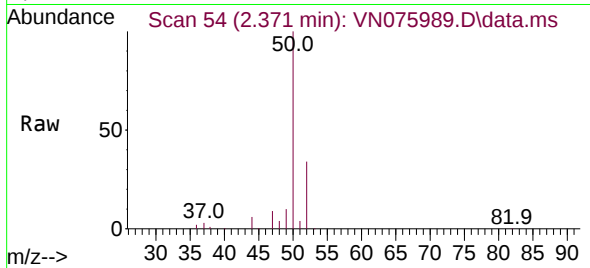




#3  
Chloromethane  
Concen: 41.342 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

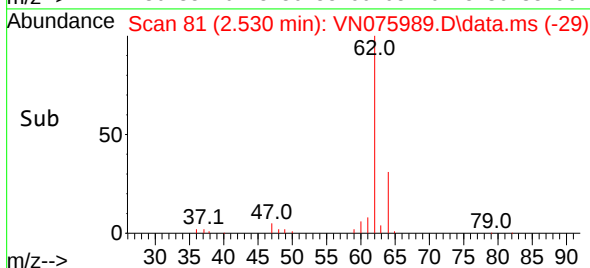
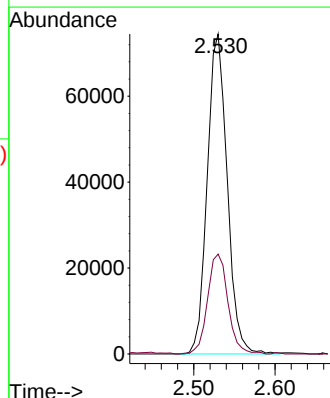
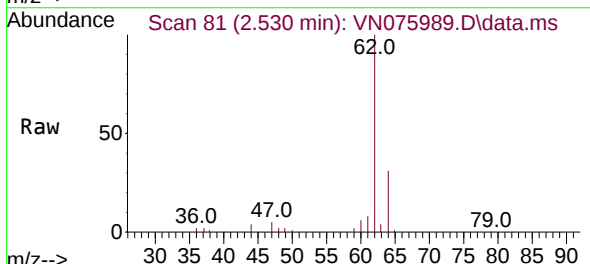
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

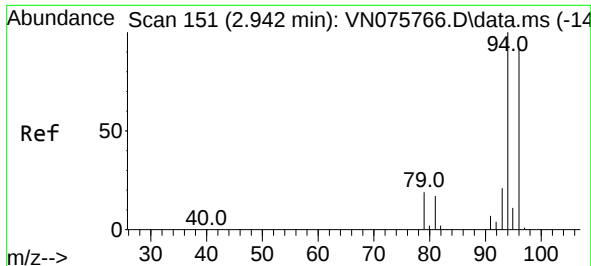
Tgt Ion: 50 Resp: 103805  
Ion Ratio Lower Upper  
50 100  
52 34.2 27.7 41.5



#4  
Vinyl Chloride  
Concen: 42.424 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 62 Resp: 127063  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.9 37.3

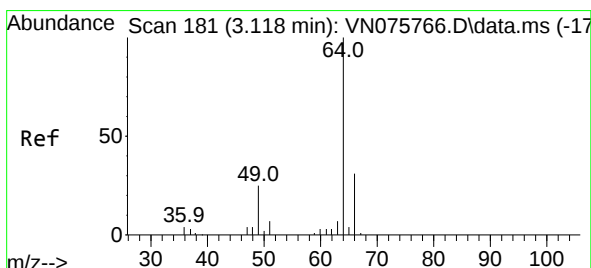
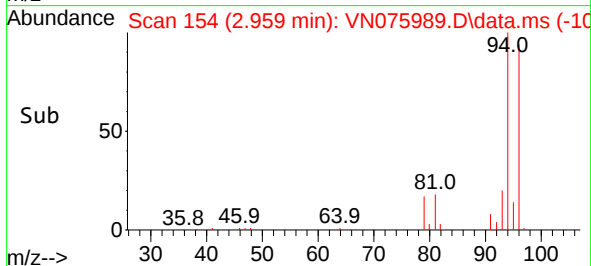
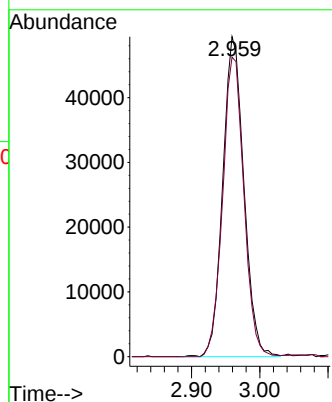
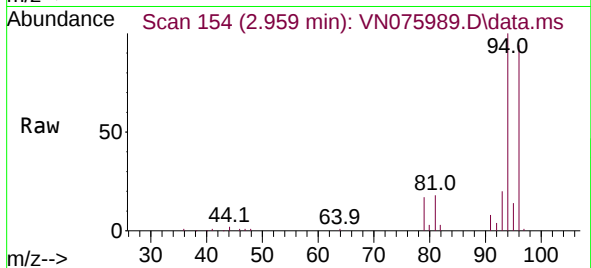




#5  
Bromomethane  
Concen: 41.869 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

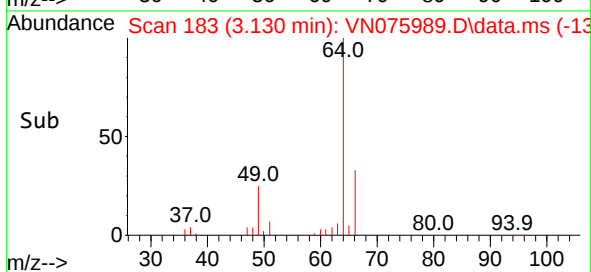
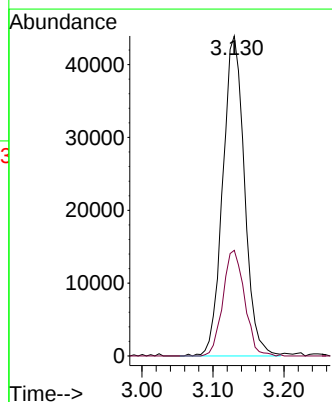
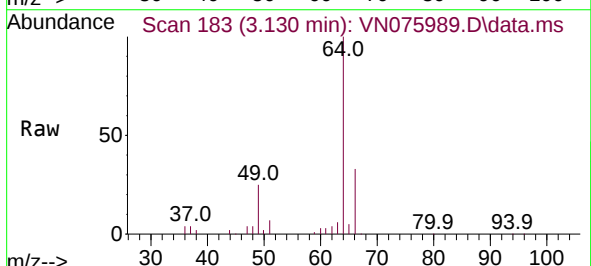
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

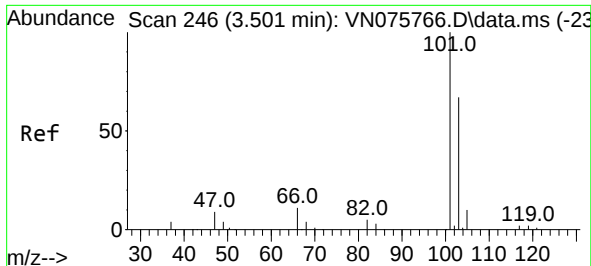
Tgt Ion: 94 Resp: 106576  
Ion Ratio Lower Upper  
94 100  
96 93.6 73.8 110.6



#6  
Chloroethane  
Concen: 41.985 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 64 Resp: 93122  
Ion Ratio Lower Upper  
64 100  
66 33.0 24.6 36.8

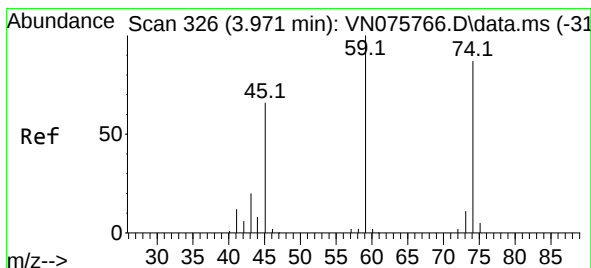
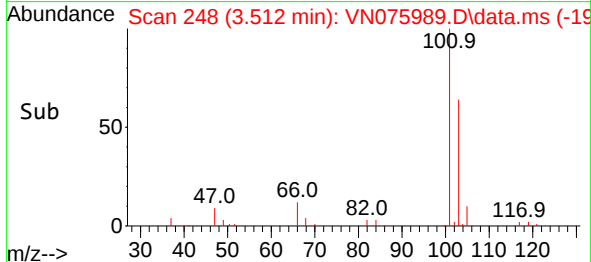
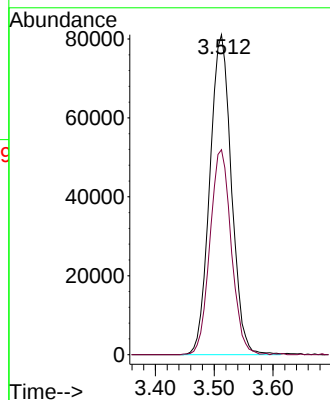
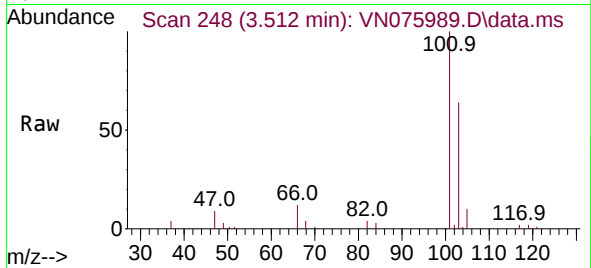




#7  
 Trichlorofluoromethane  
 Concen: 45.529 ug/l  
 RT: 3.512 min Scan# 246  
 Delta R.T. 0.012 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

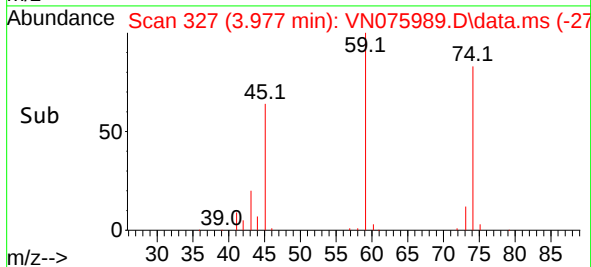
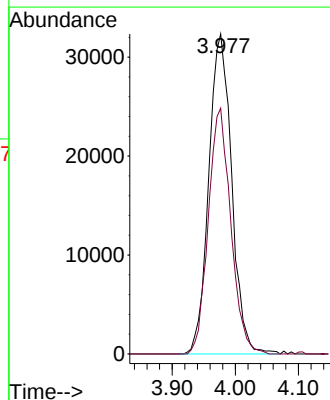
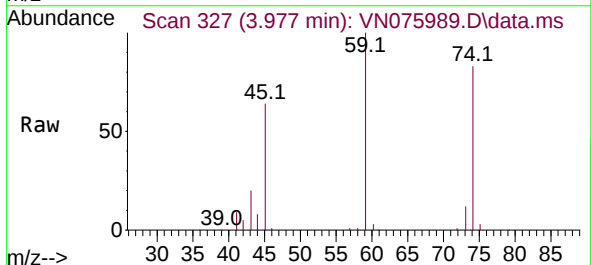
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 ClientSampleId :  
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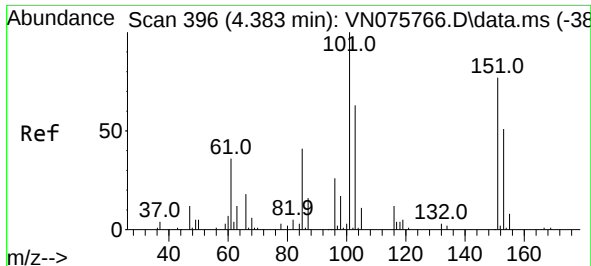
Tgt Ion:101 Resp: 206918  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 53.4 80.2



#8  
 Diethyl Ether  
 Concen: 49.073 ug/l  
 RT: 3.977 min Scan# 327  
 Delta R.T. 0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion: 74 Resp: 81458  
 Ion Ratio Lower Upper  
 74 100  
 45 75.5 37.8 113.4

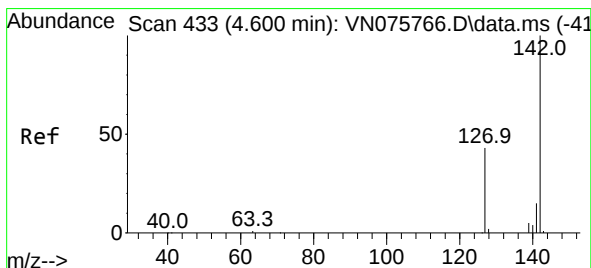
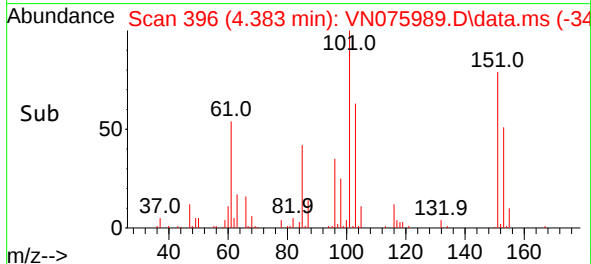
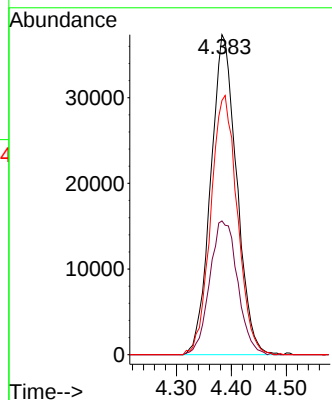
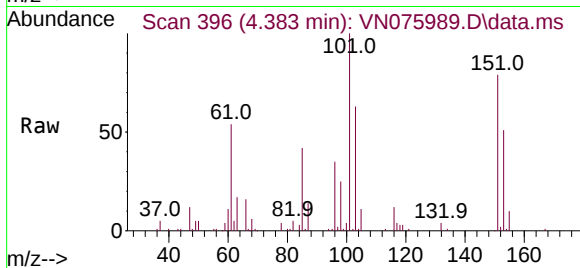




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.201 ug/l  
RT: 4.383 min Scan# 396  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

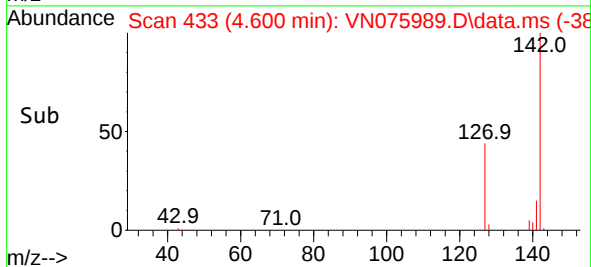
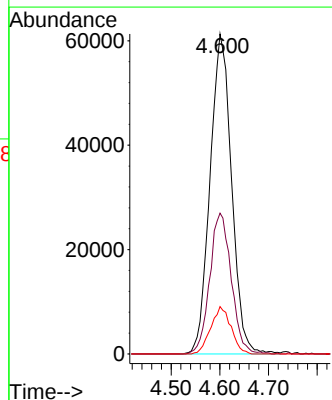
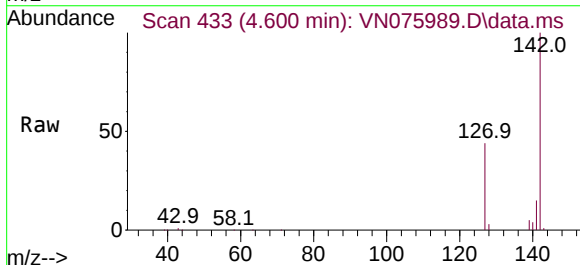
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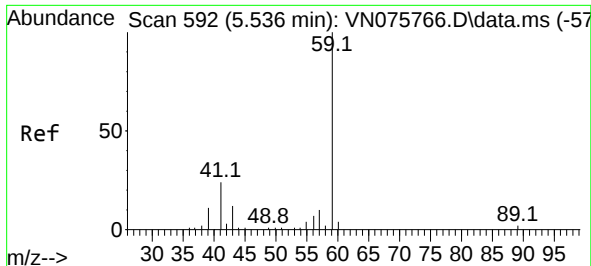
Tgt Ion:101 Resp: 122494  
Ion Ratio Lower Upper  
101 100  
85 44.8 35.3 52.9  
151 82.8 65.6 98.4



#10  
Methyl Iodide  
Concen: 44.720 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:142 Resp: 188345  
Ion Ratio Lower Upper  
142 100  
127 43.9 34.7 52.1  
141 13.9 11.4 17.2

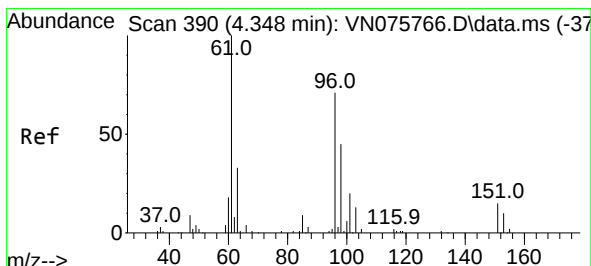
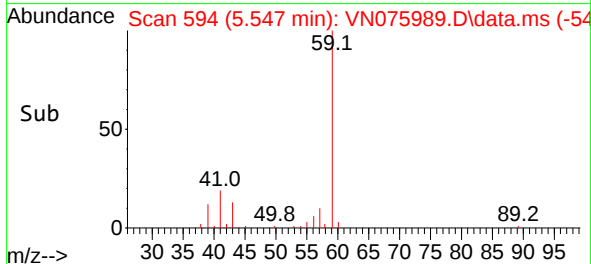
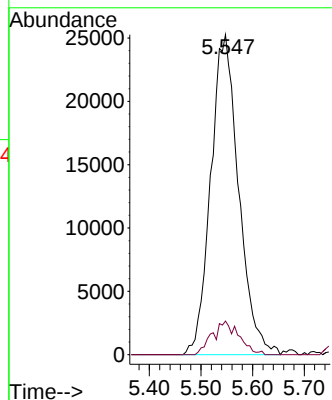
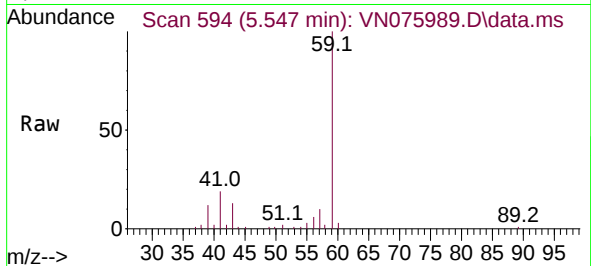




#11  
Tert butyl alcohol  
Concen: 216.460 ug/l  
RT: 5.547 min Scan# 591  
Delta R.T. 0.012 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

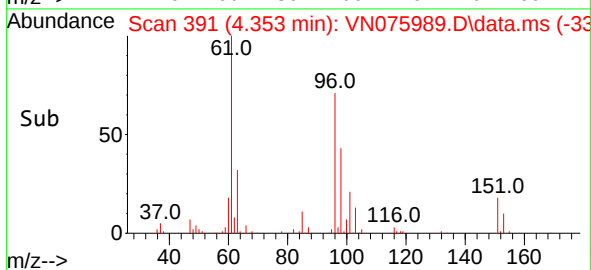
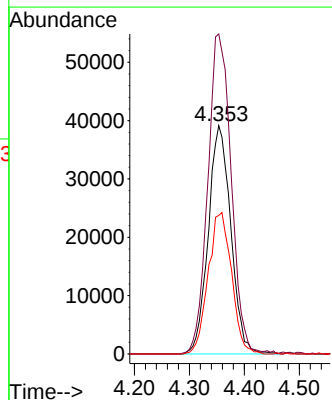
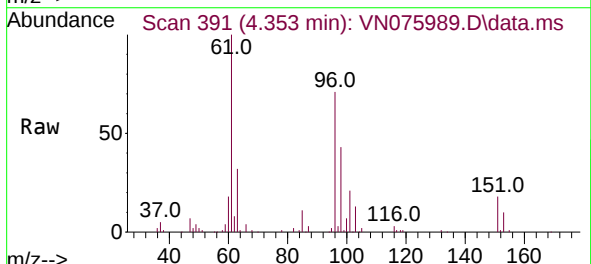
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 94761  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 44.290 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 96 Resp: 111633  
Ion Ratio Lower Upper  
96 100  
61 140.2 113.3 169.9  
98 60.7 50.9 76.3

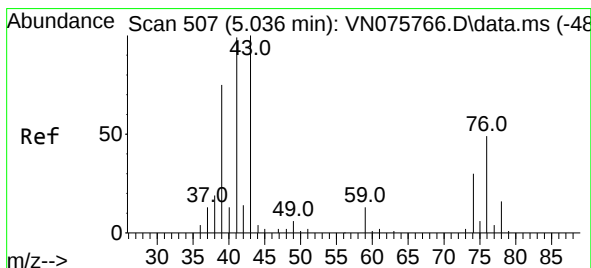
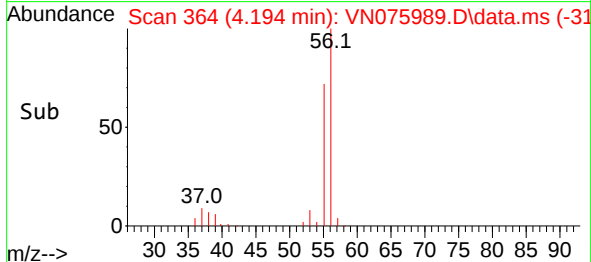
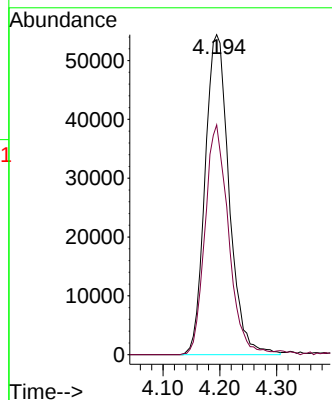
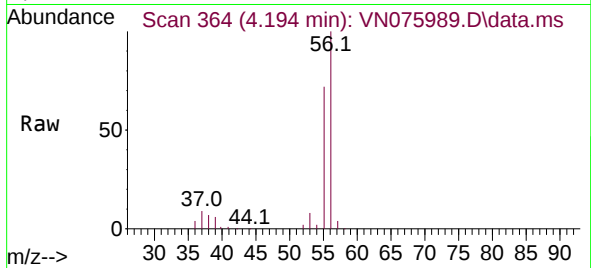




#13  
Acrolein  
Concen: 297.539 ug/l  
RT: 4.194 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

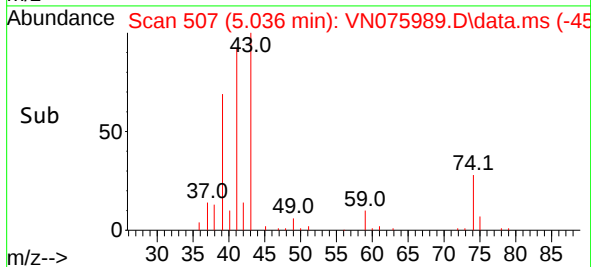
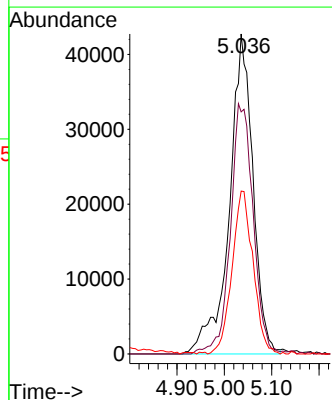
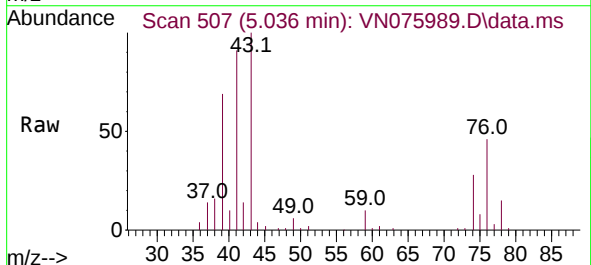
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ClientSampleId :  
VSTDCCC050

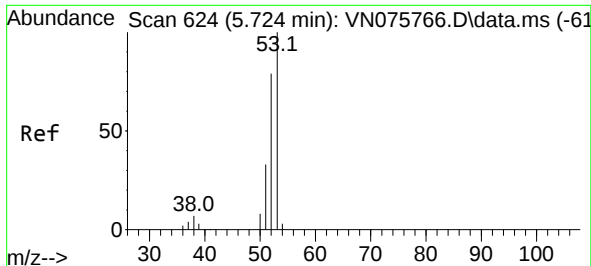
Tgt Ion: 56 Resp: 159689  
Ion Ratio Lower Upper  
56 100  
55 70.3 54.8 82.2



#14  
Allyl chloride  
Concen: 50.289 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 41 Resp: 148174  
Ion Ratio Lower Upper  
41 100  
39 75.3 58.3 87.5  
76 45.3 35.8 53.6

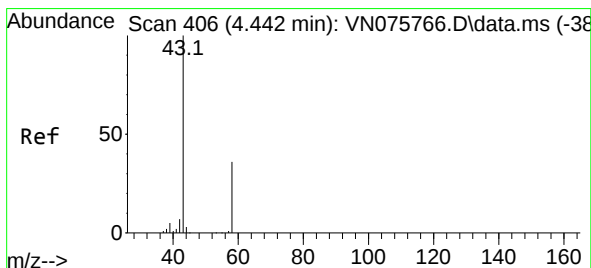
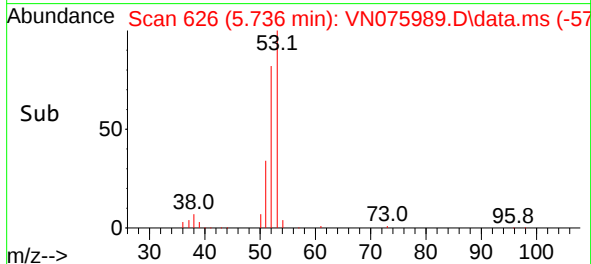
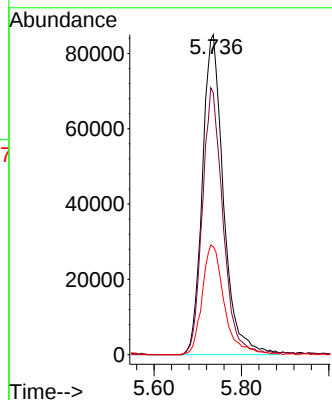
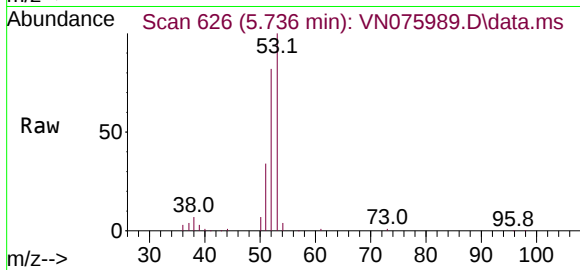




#15  
Acrylonitrile  
Concen: 239.455 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

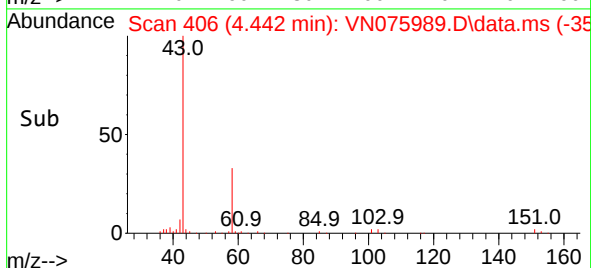
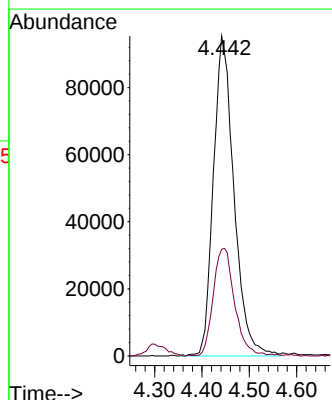
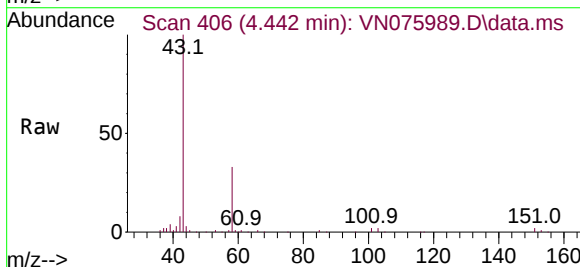
Instrument :  
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ClientSampleId :  
VSTDCCC050

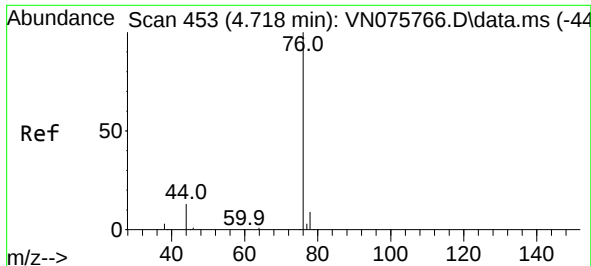
Tgt Ion: 53 Resp: 286069  
Ion Ratio Lower Upper  
53 100  
52 80.9 65.4 98.0  
51 35.9 28.9 43.3



#16  
Acetone  
Concen: 269.949 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 43 Resp: 287904  
Ion Ratio Lower Upper  
43 100  
58 33.1 28.6 43.0

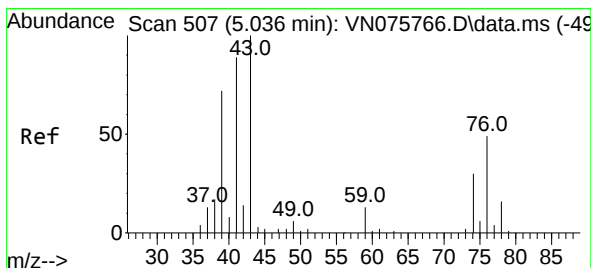
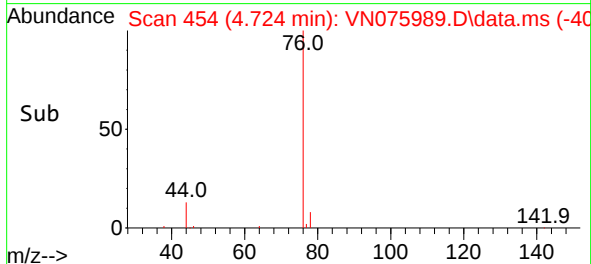
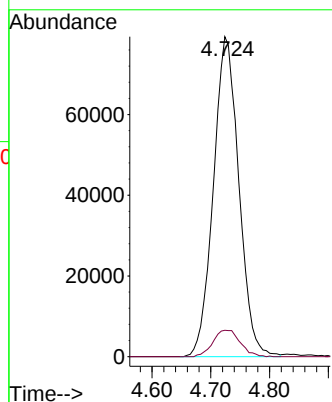
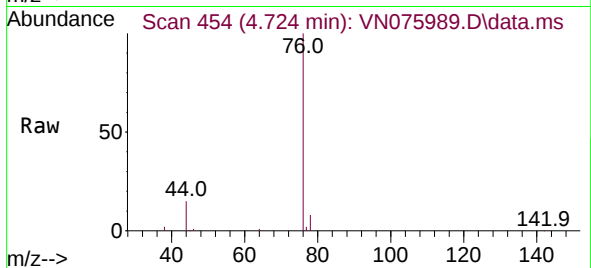




#17  
Carbon Disulfide  
Concen: 39.036 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

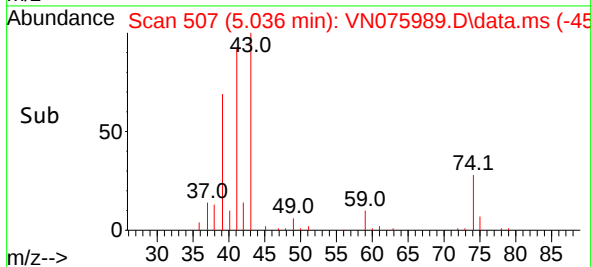
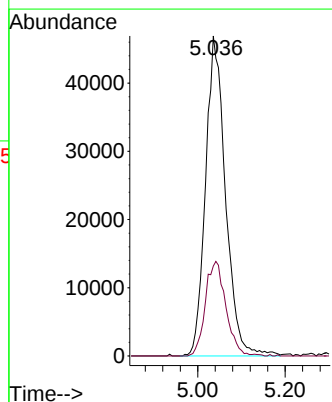
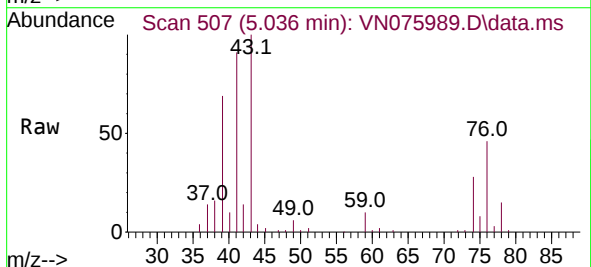
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

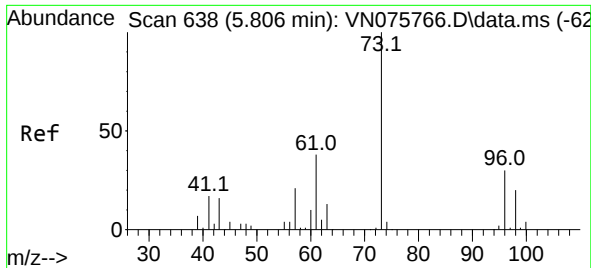
Tgt Ion: 76 Resp: 238220  
Ion Ratio Lower Upper  
76 100  
78 8.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 47.386 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 43 Resp: 149384  
Ion Ratio Lower Upper  
43 100  
74 30.2 23.6 35.4

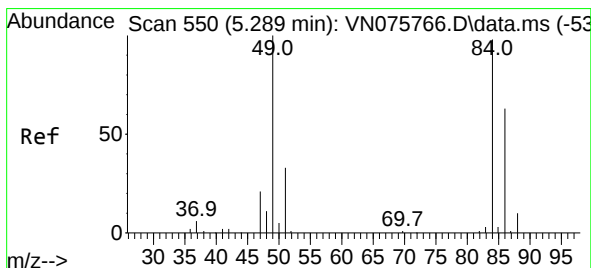
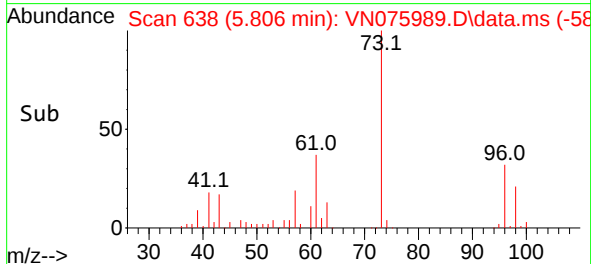
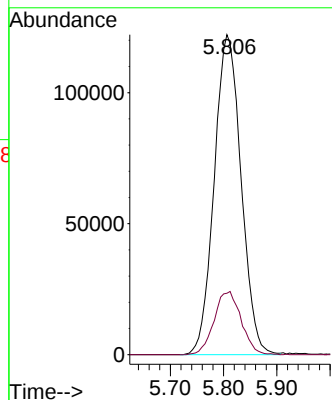
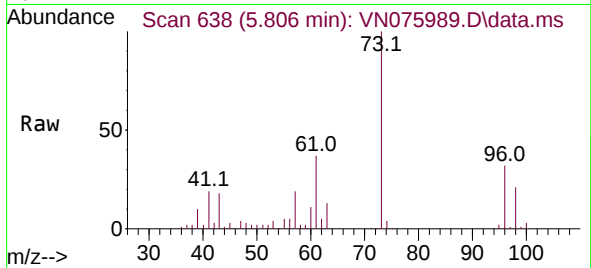




#19  
Methyl tert-butyl Ether  
Concen: 51.602 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

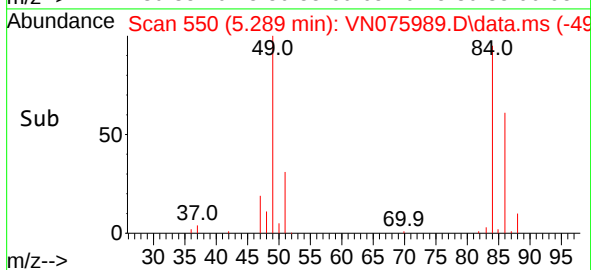
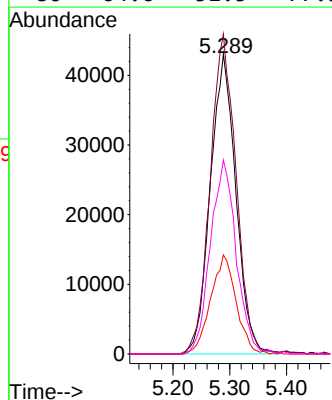
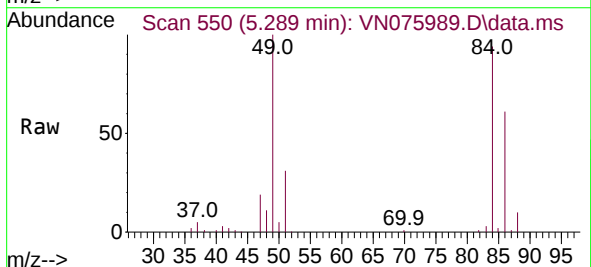
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ClientSampleId :  
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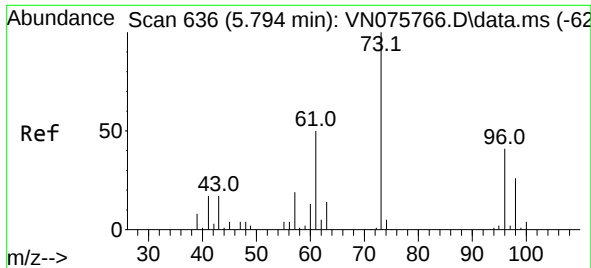
Tgt Ion: 73 Resp: 428307  
Ion Ratio Lower Upper  
73 100  
57 19.2 17.1 25.7



#20  
Methylene Chloride  
Concen: 47.004 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 84 Resp: 134211  
Ion Ratio Lower Upper  
84 100  
49 106.6 81.8 122.6  
51 33.0 26.7 40.1  
86 64.6 51.5 77.3

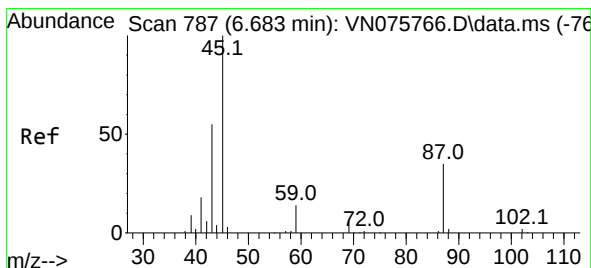
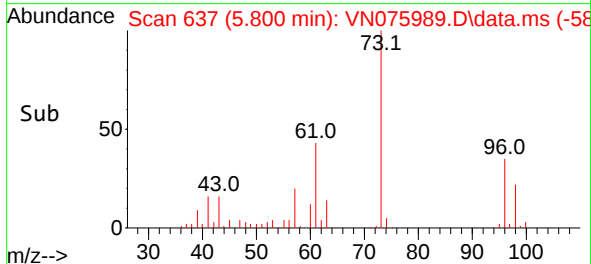
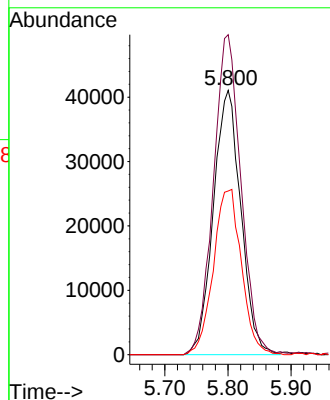
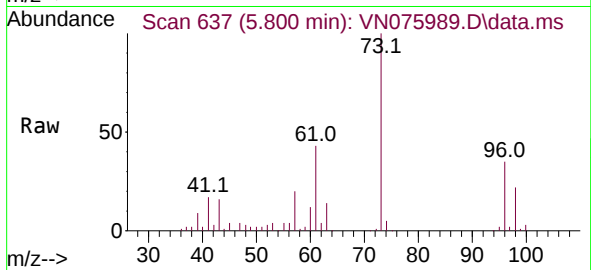




#21  
trans-1,2-Dichloroethene  
Concen: 45.031 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

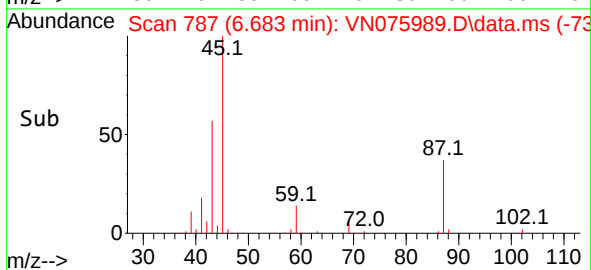
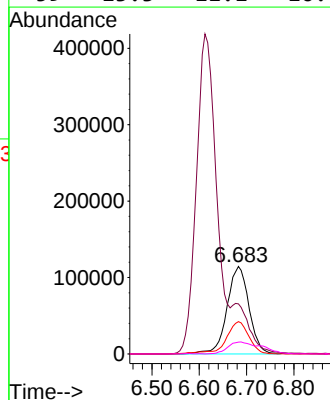
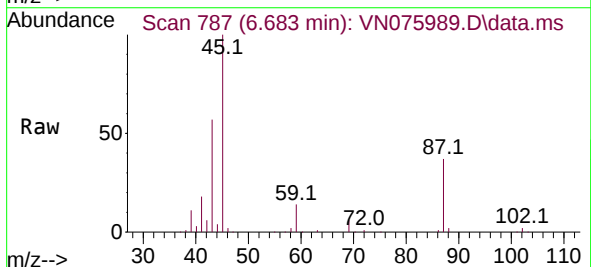
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ClientSampleId :  
VSTDCCC050

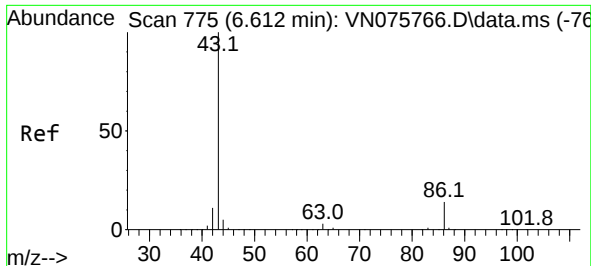
Tgt Ion: 96 Resp: 124299  
Ion Ratio Lower Upper  
96 100  
61 121.1 98.1 147.1  
98 61.9 51.4 77.2



#22  
Diisopropyl ether  
Concen: 51.476 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 45 Resp: 368442  
Ion Ratio Lower Upper  
45 100  
43 55.7 44.2 66.4  
87 36.7 28.3 42.5  
59 13.3 11.1 16.7

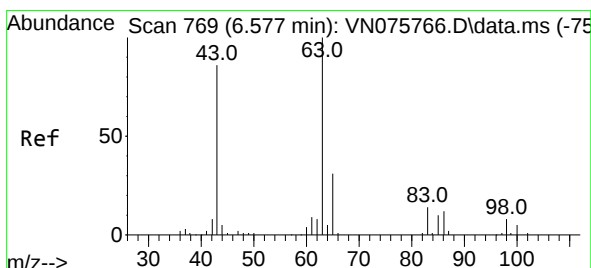
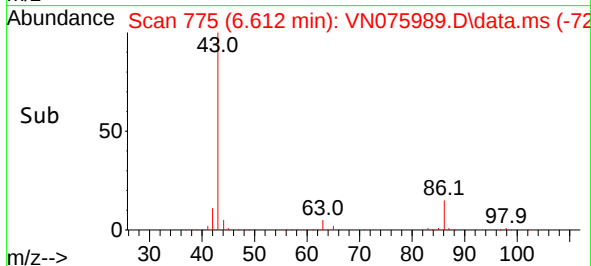
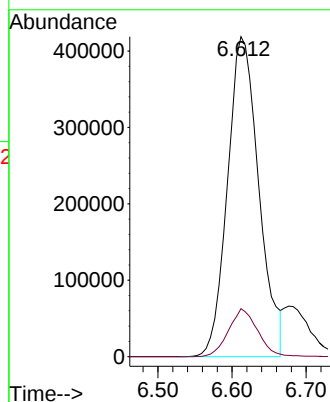
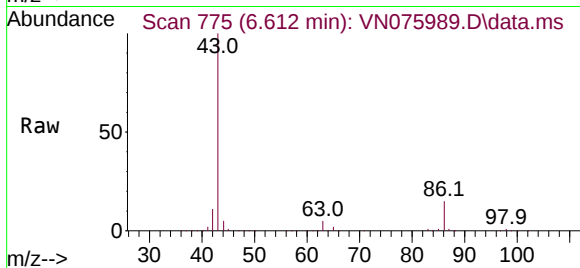




#23  
 Vinyl Acetate  
 Concen: 255.472 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. -0.000 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

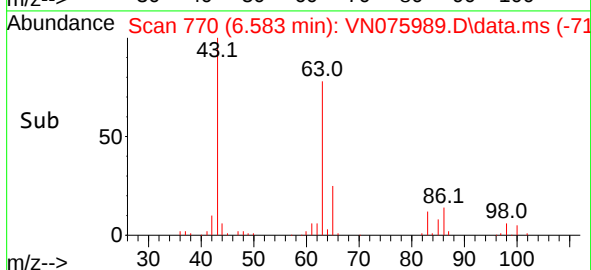
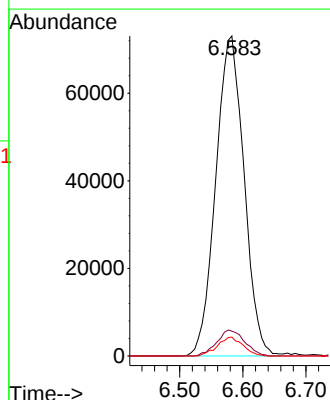
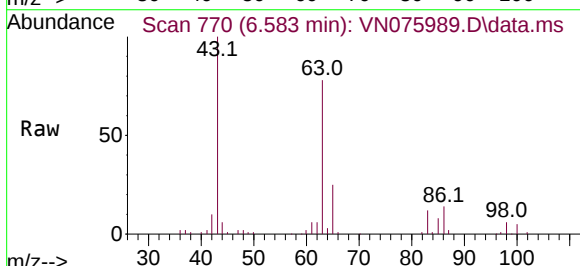
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1230766  
 Ion Ratio Lower Upper  
 43 100  
 86 15.0 11.4 17.2



#24  
 1,1-Dichloroethane  
 Concen: 47.613 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion: 63 Resp: 227284  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.9 11.5  
 100 5.9 2.5 7.6





#25

2-Butanone

Concen: 255.387 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

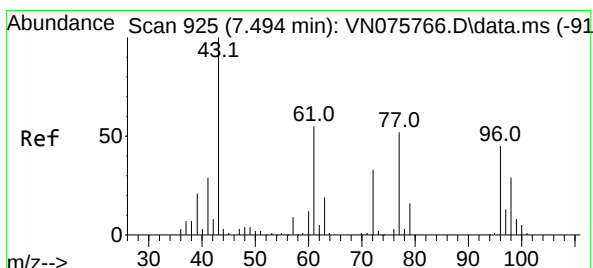
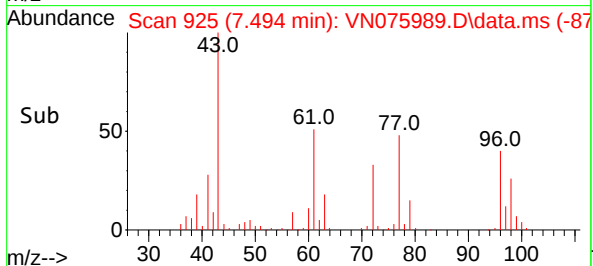
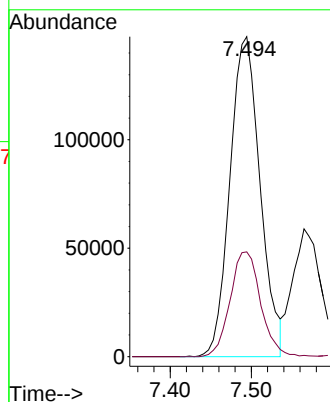
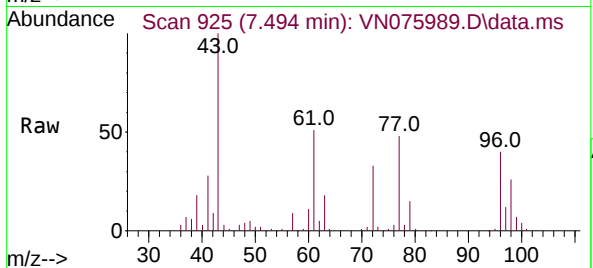
VSTDCCC050

Tgt Ion: 43 Resp: 381372

Ion Ratio Lower Upper

43 100

72 32.8 28.0 42.0



#26

2,2-Dichloropropane

Concen: 50.675 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075989.D

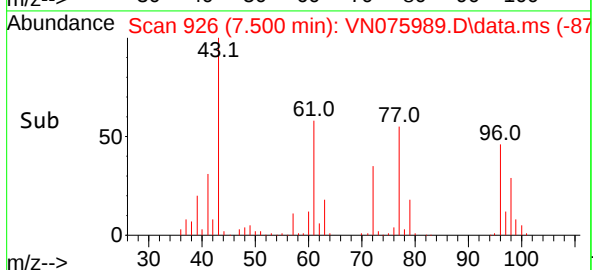
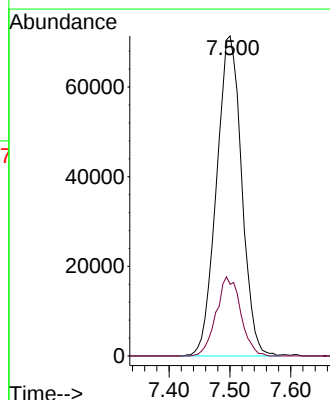
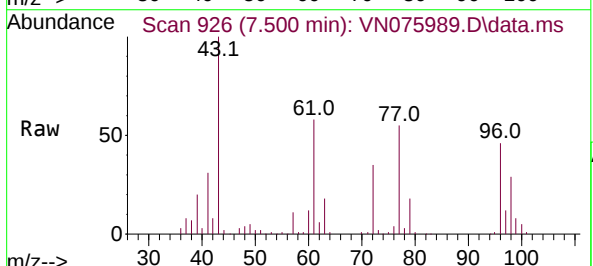
Acq: 28 Dec 2022 10:37

Tgt Ion: 77 Resp: 204853

Ion Ratio Lower Upper

77 100

97 24.0 12.7 38.0

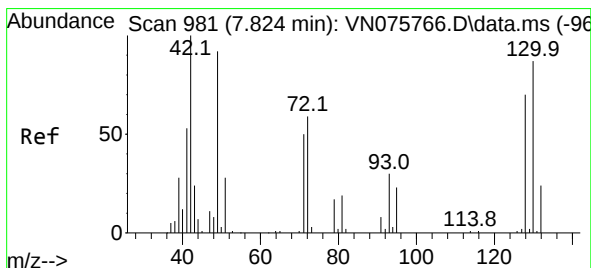
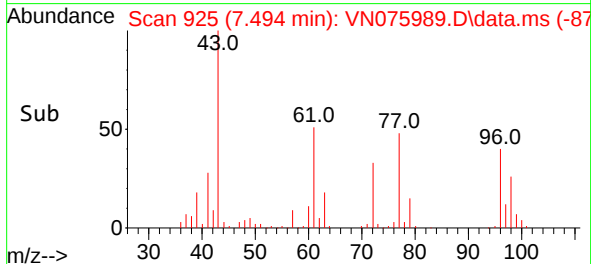
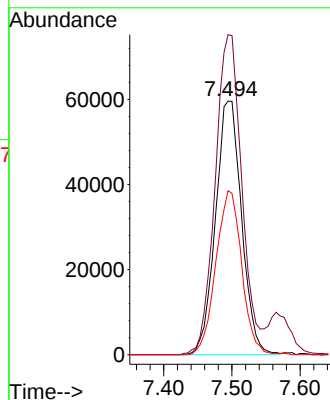
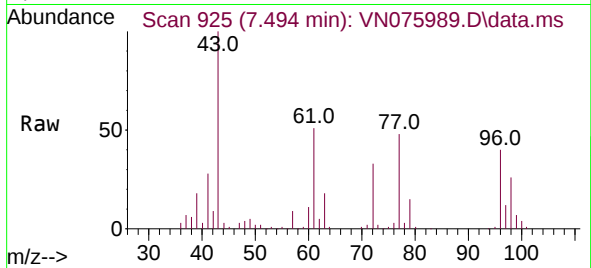




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.182 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

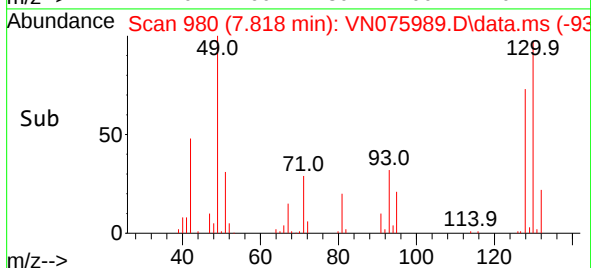
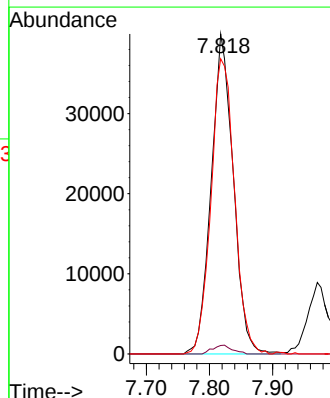
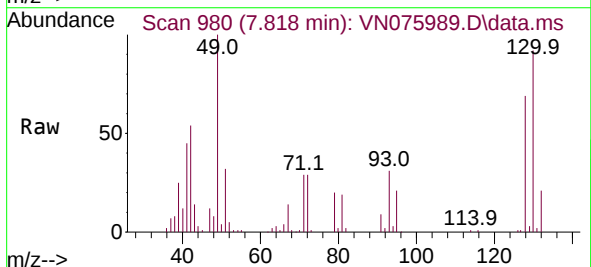
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 159064  
 Ion Ratio Lower Upper  
 96 100  
 61 127.9 0.0 247.8  
 98 64.1 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 46.350 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion: 49 Resp: 96976  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 5.0  
 130 97.9 77.0 115.4





#29

Tetrahydrofuran

Concen: 248.756 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

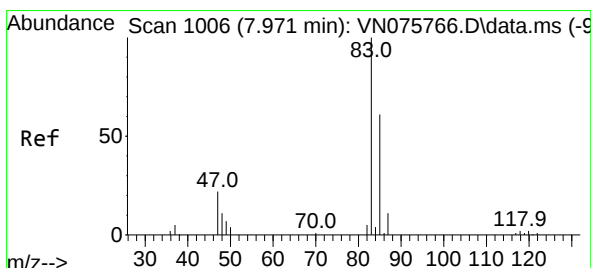
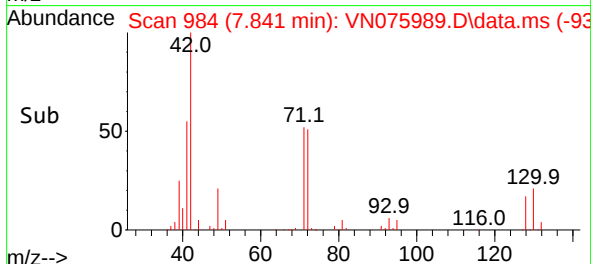
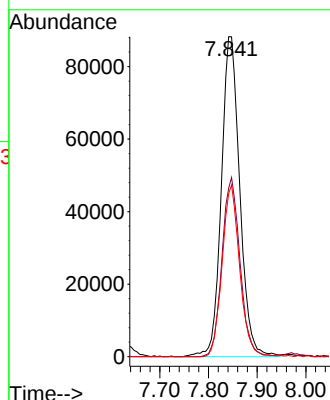
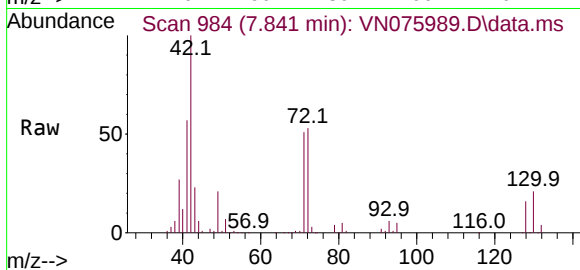
Tgt Ion: 42 Resp: 232790

Ion Ratio Lower Upper

42 100

72 54.5 44.5 66.7

71 51.1 41.0 61.6



#30

Chloroform

Concen: 48.459 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075989.D

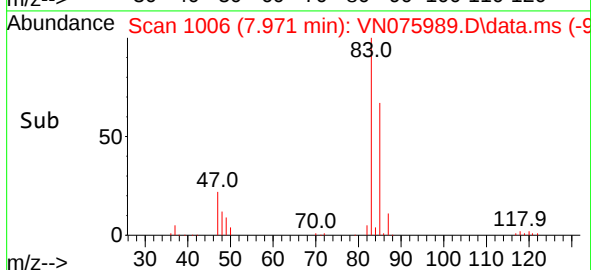
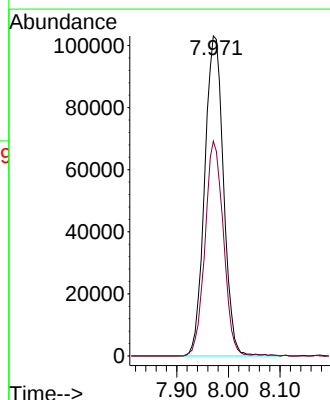
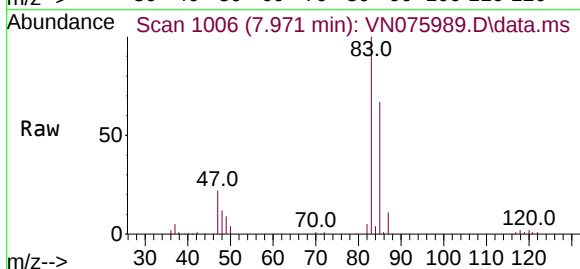
Acq: 28 Dec 2022 10:37

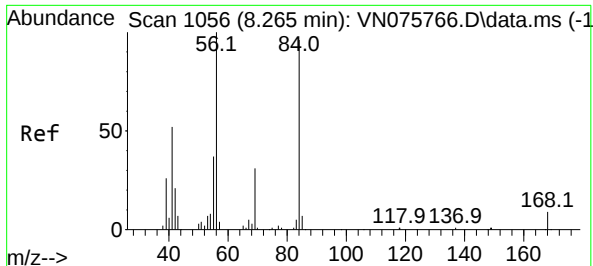
Tgt Ion: 83 Resp: 260447

Ion Ratio Lower Upper

83 100

85 67.2 49.1 73.7





#31

Cyclohexane

Concen: 43.088 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

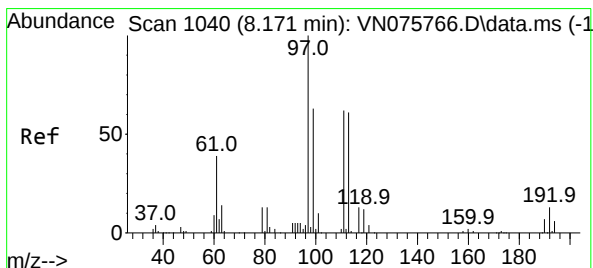
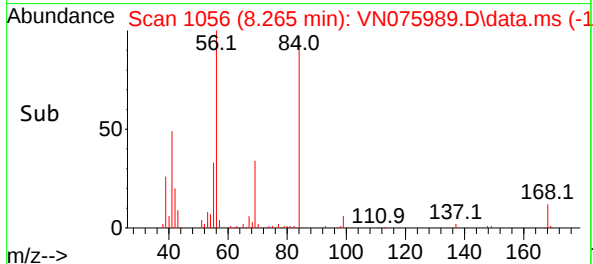
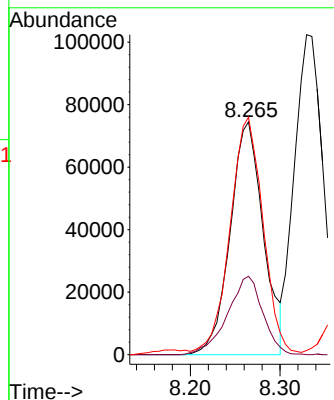
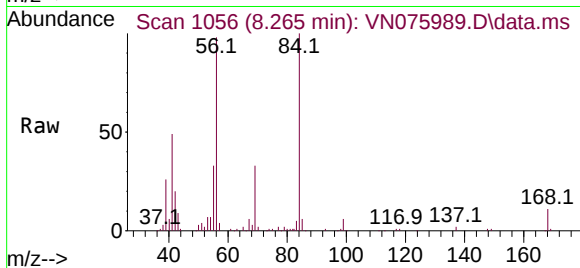
Tgt Ion: 56 Resp: 190920

Ion Ratio Lower Upper

56 100

69 33.7 24.7 37.1

84 100.3 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 49.209 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

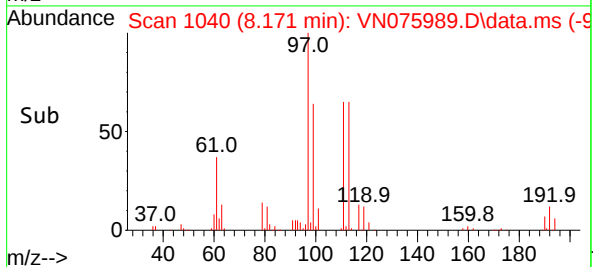
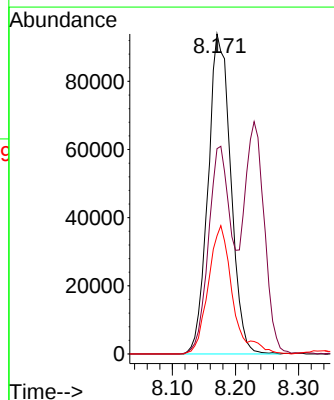
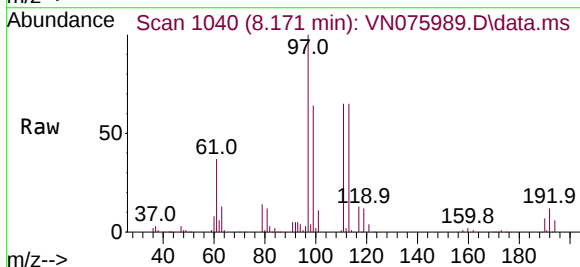
Tgt Ion: 97 Resp: 234476

Ion Ratio Lower Upper

97 100

99 63.5 50.2 75.2

61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.709 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

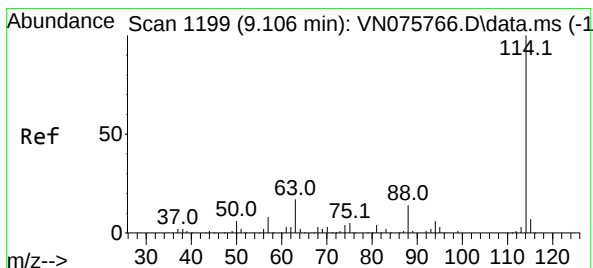
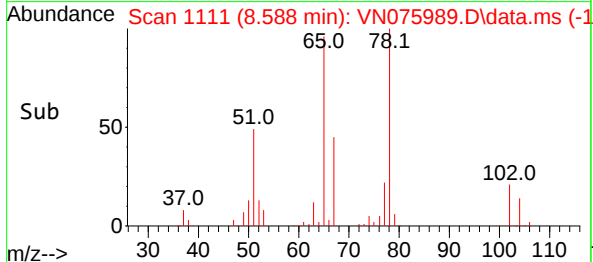
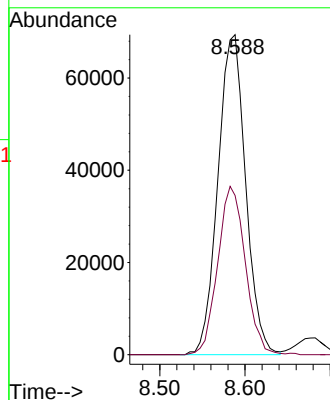
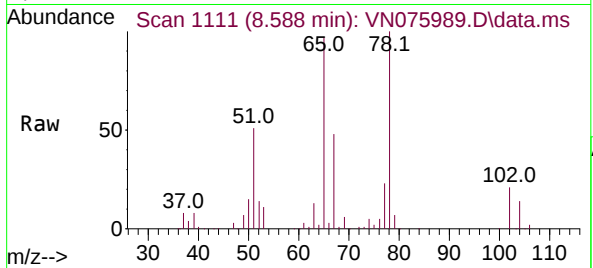
VSTDCCC050

Tgt Ion: 65 Resp: 156885

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

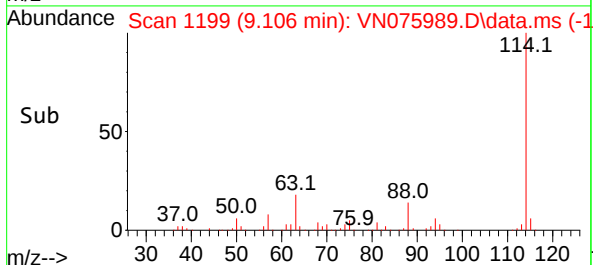
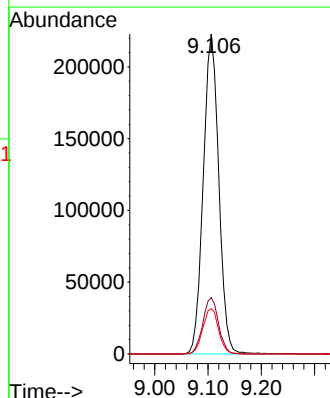
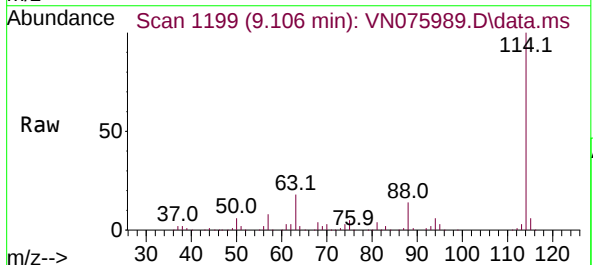
Tgt Ion: 114 Resp: 450190

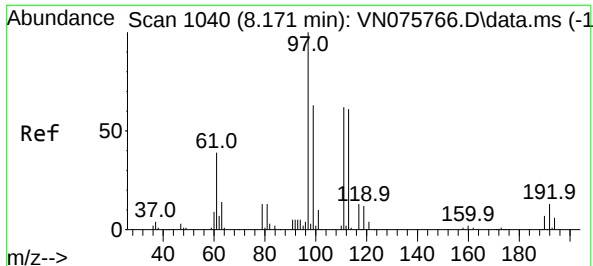
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.868 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

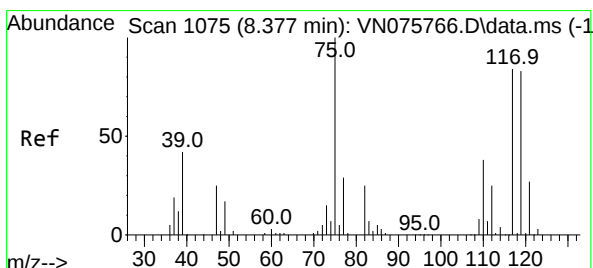
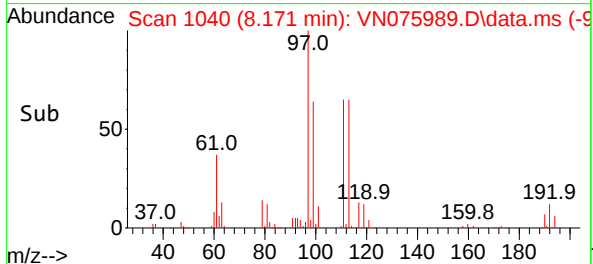
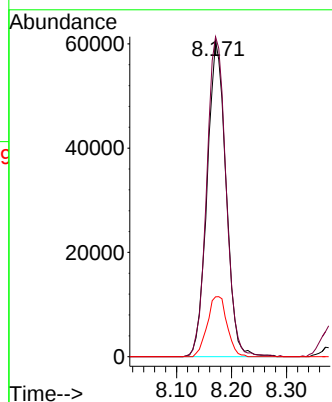
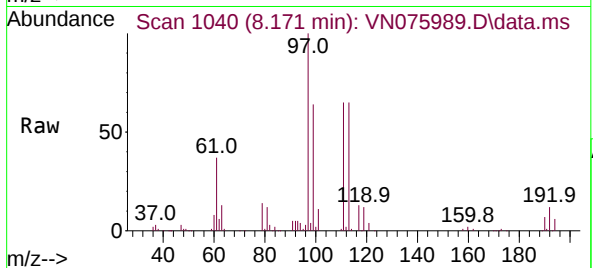
Tgt Ion:113 Resp: 144605

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 47.640 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

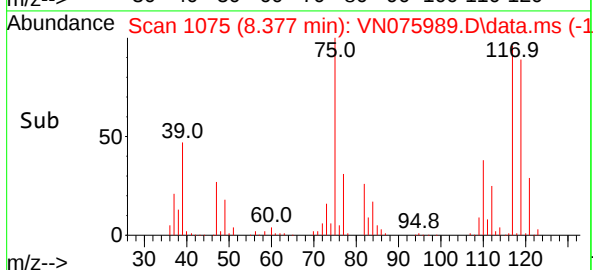
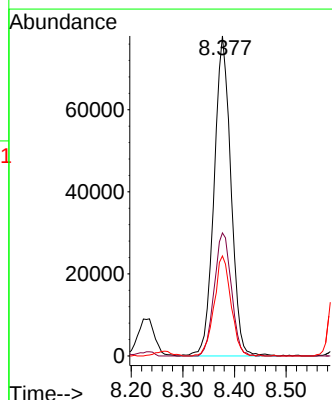
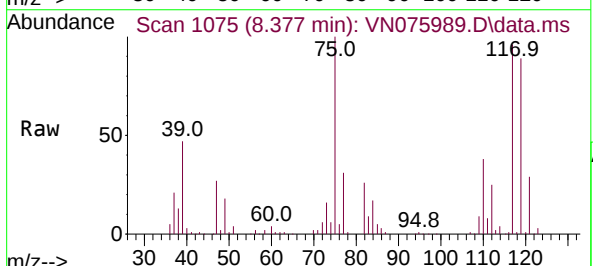
Tgt Ion: 75 Resp: 176436

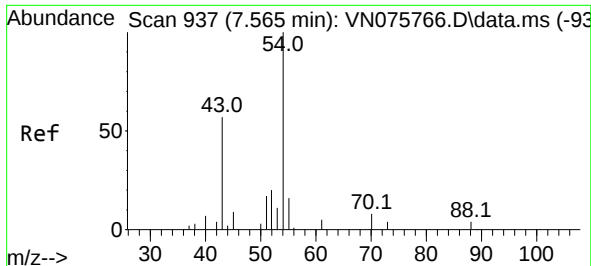
Ion Ratio Lower Upper

75 100

110 39.1 18.8 56.4

77 31.1 24.1 36.1

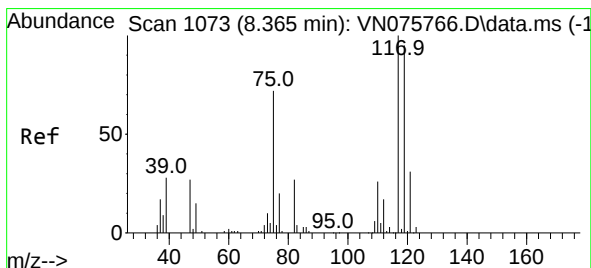
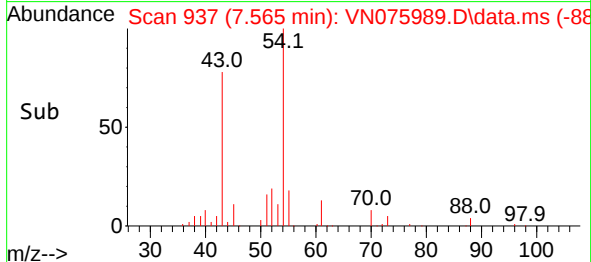
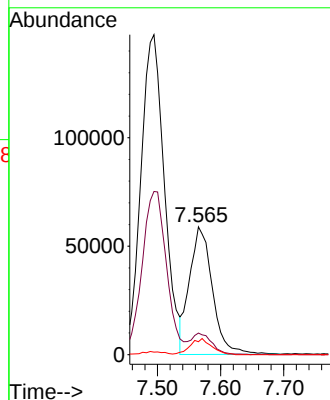
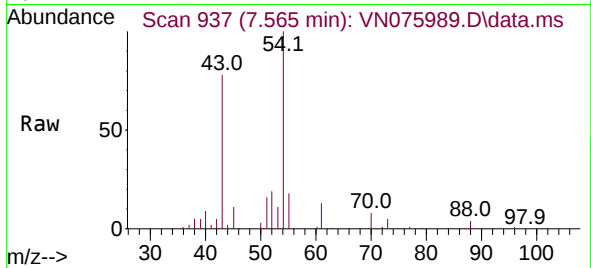




#37  
Ethyl Acetate  
Concen: 49.960 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

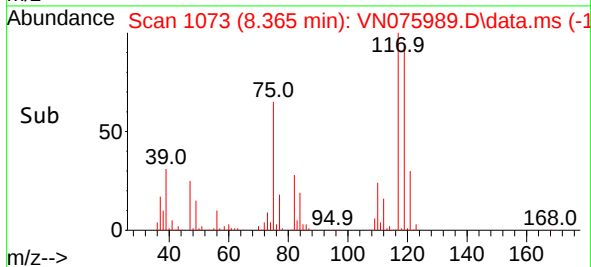
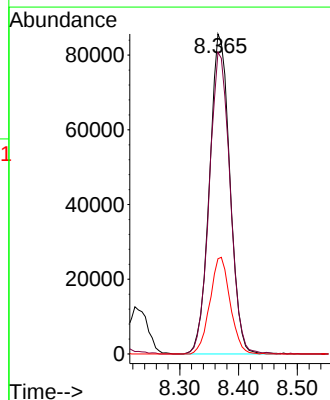
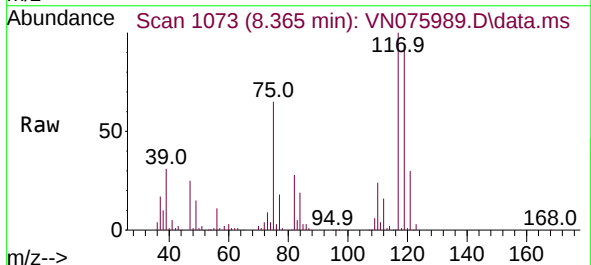
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

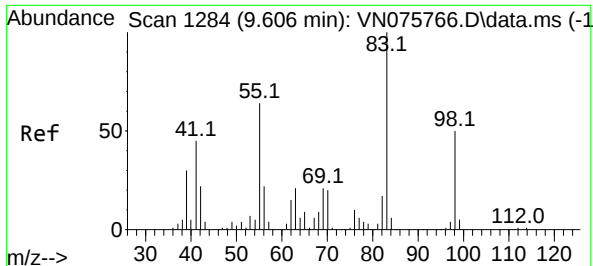
Tgt Ion: 43 Resp: 148623  
Ion Ratio Lower Upper  
43 100  
61 14.8 13.0 19.4  
70 11.7 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 49.832 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 117 Resp: 206558  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.1 114.1  
121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 51.445 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

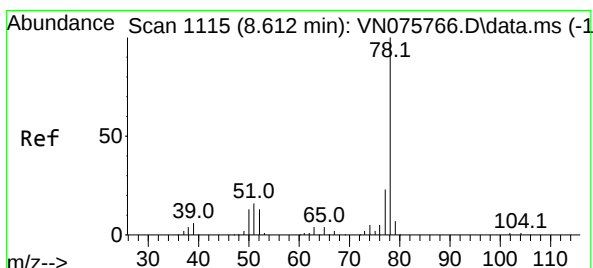
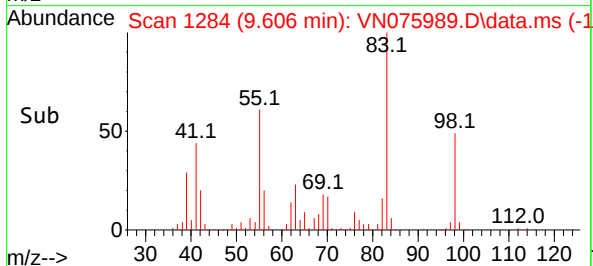
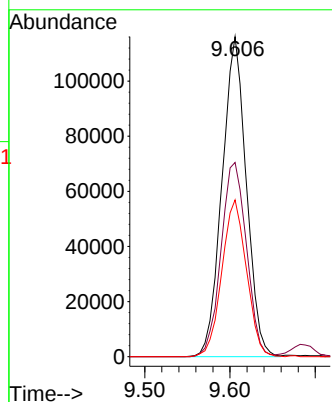
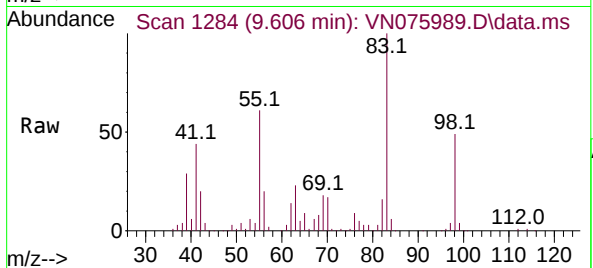
Tgt Ion: 83 Resp: 229857

Ion Ratio Lower Upper

83 100

55 60.7 51.4 77.0

98 49.0 39.8 59.8



#40

Benzene

Concen: 48.026 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075989.D

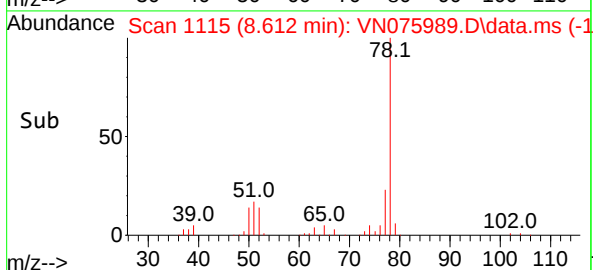
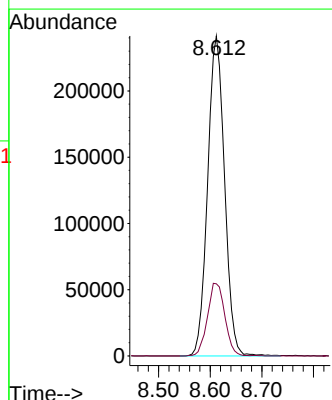
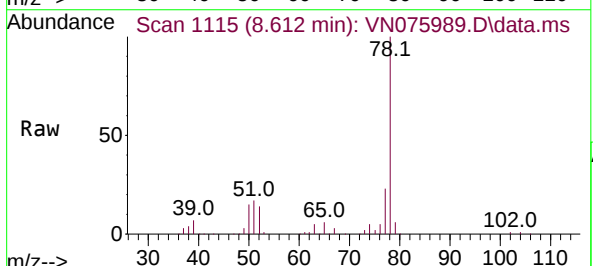
Acq: 28 Dec 2022 10:37

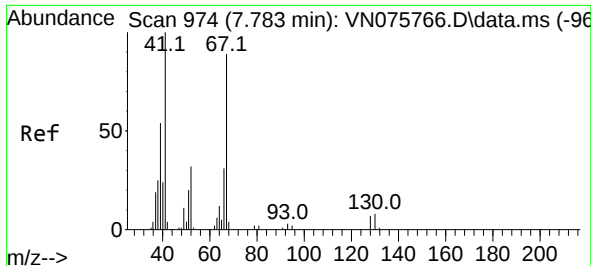
Tgt Ion: 78 Resp: 548775

Ion Ratio Lower Upper

78 100

77 22.6 18.5 27.7

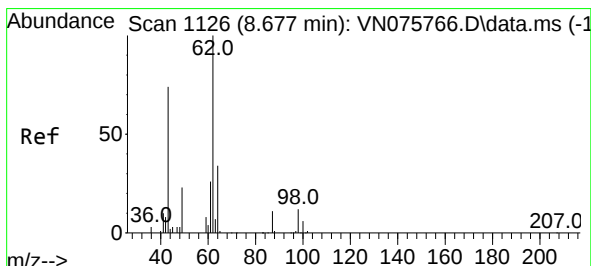
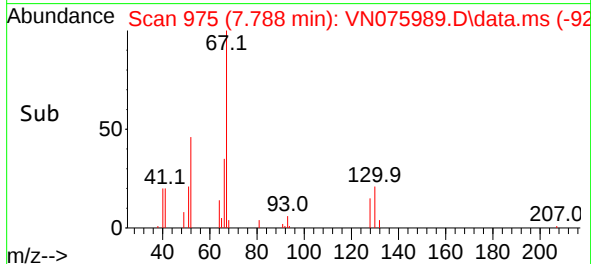
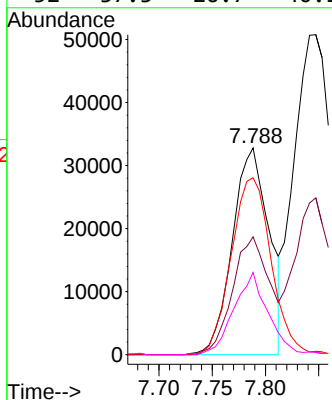
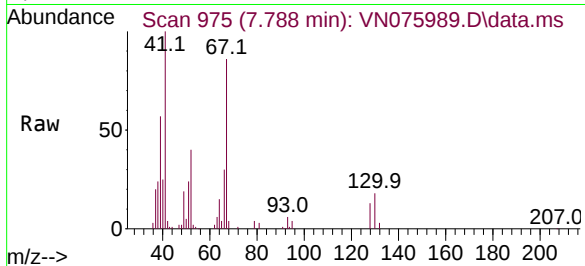




#41  
Methacrylonitrile  
Concen: 50.801 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

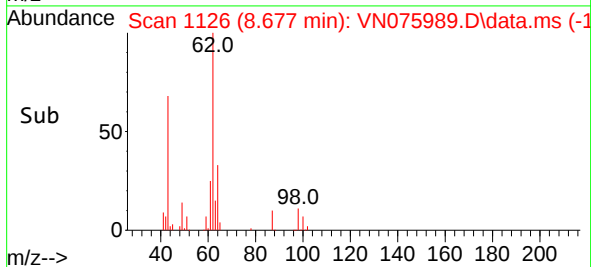
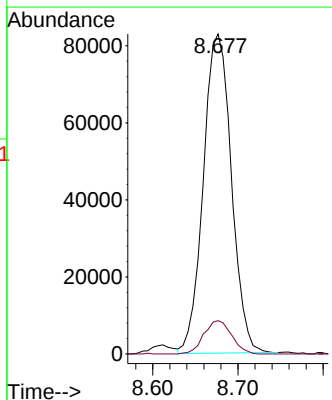
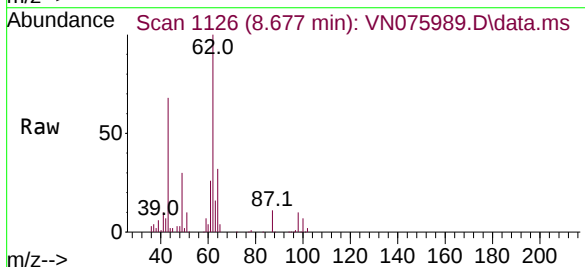
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

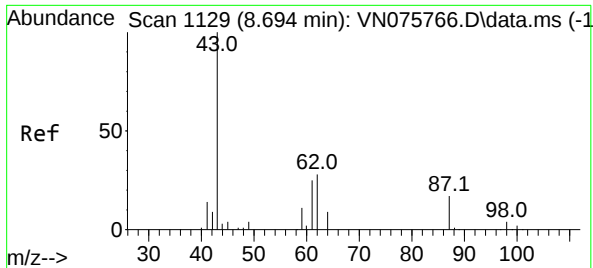
Tgt Ion: 41 Resp: 78553  
Ion Ratio Lower Upper  
41 100  
39 57.2 43.1 64.7  
67 93.5 70.7 106.1  
52 37.3 26.7 40.1



#42  
1,2-Dichloroethane  
Concen: 49.929 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 62 Resp: 189672  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 20.8

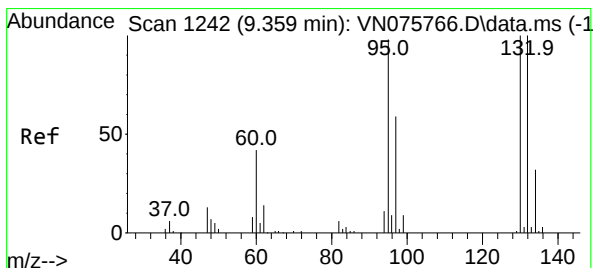
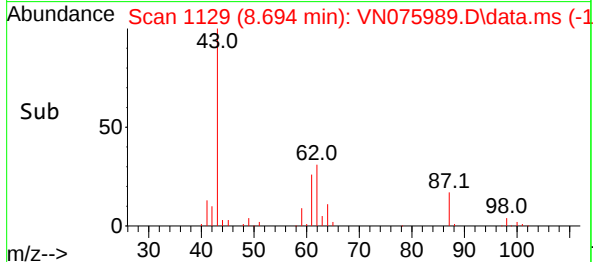
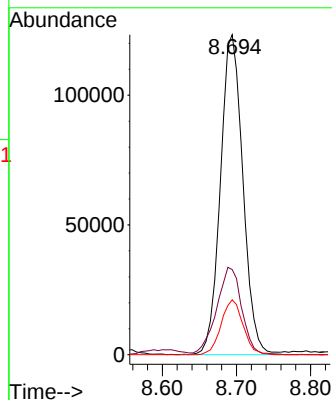
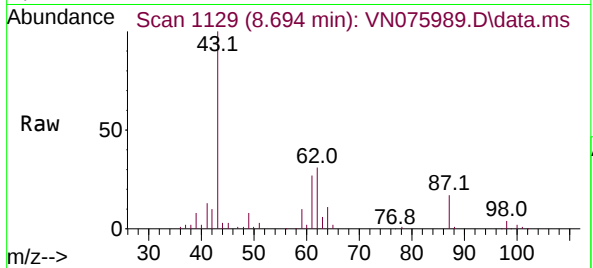




#43  
Isopropyl Acetate  
Concen: 52.955 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

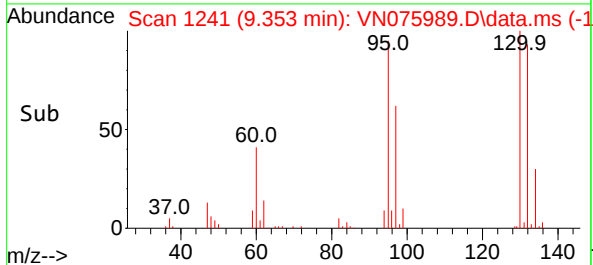
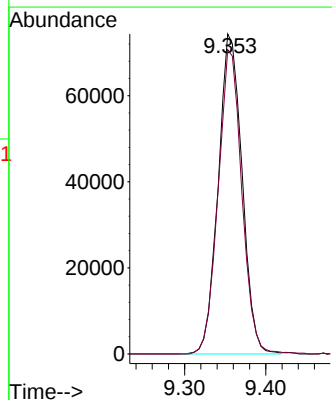
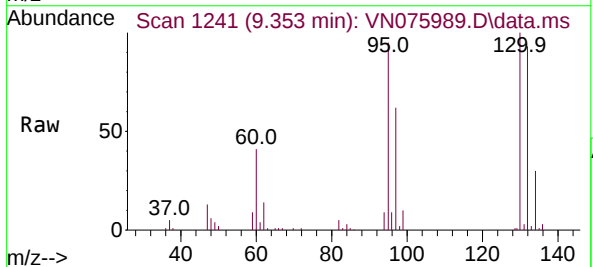
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 259862  
Ion Ratio Lower Upper  
43 100  
61 30.4 24.2 36.4  
87 16.7 13.3 19.9



#44  
Trichloroethene  
Concen: 47.076 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 130 Resp: 151543  
Ion Ratio Lower Upper  
130 100  
95 95.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.167 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

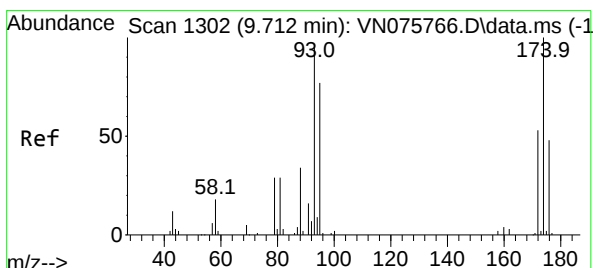
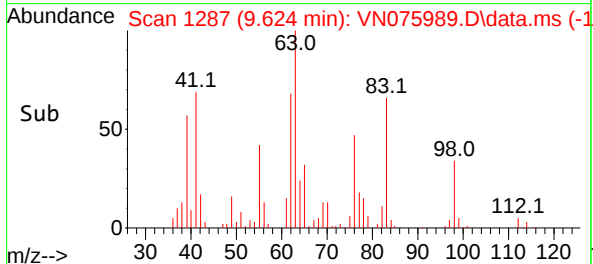
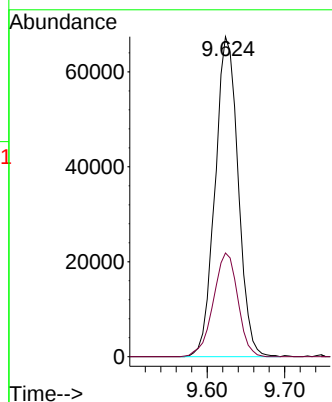
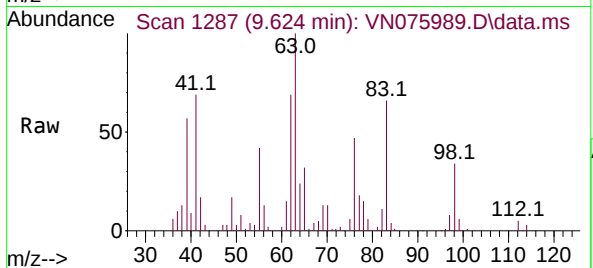
VSTDCCC050

Tgt Ion: 63 Resp: 139495

Ion Ratio Lower Upper

63 100

65 32.4 25.7 38.5



#46

Dibromomethane

Concen: 50.037 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

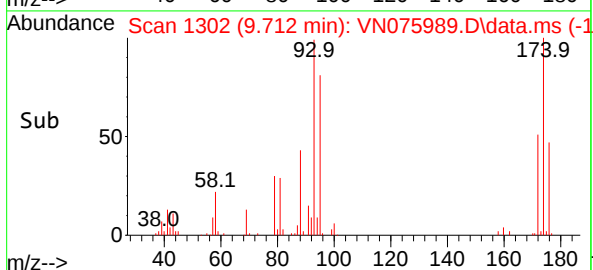
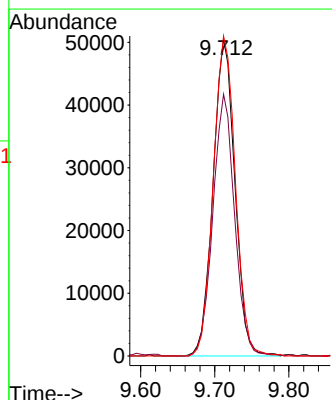
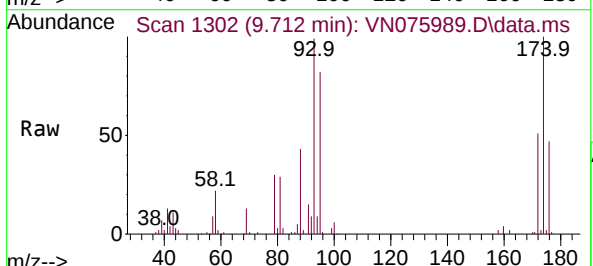
Tgt Ion: 93 Resp: 103196

Ion Ratio Lower Upper

93 100

95 82.5 65.2 97.8

174 102.3 82.4 123.6

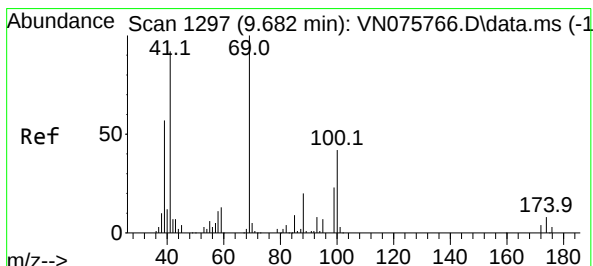
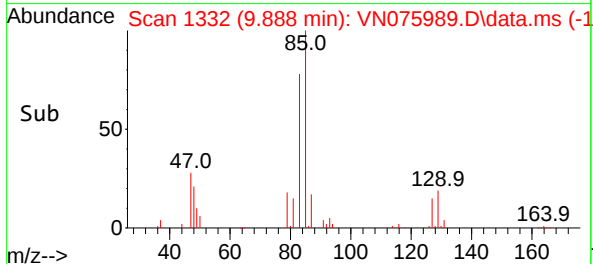
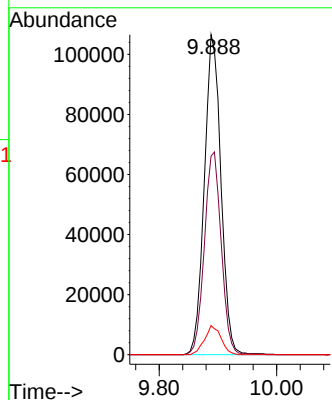
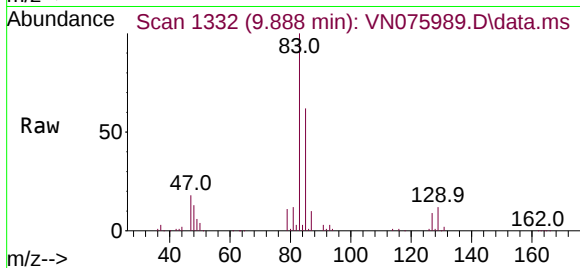




#47  
Bromodichloromethane  
Concen: 51.719 ug/l  
RT: 9.888 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

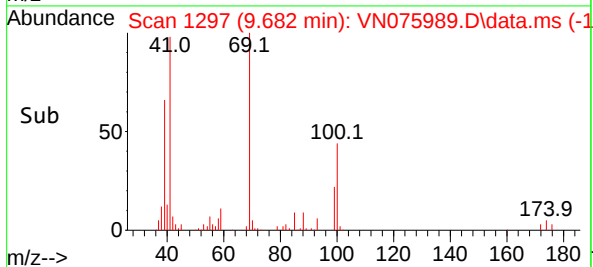
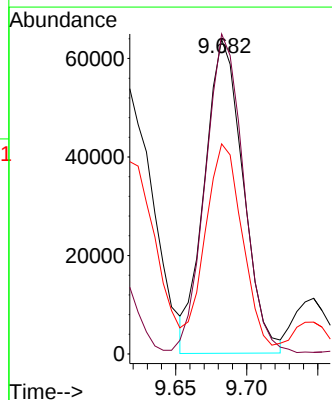
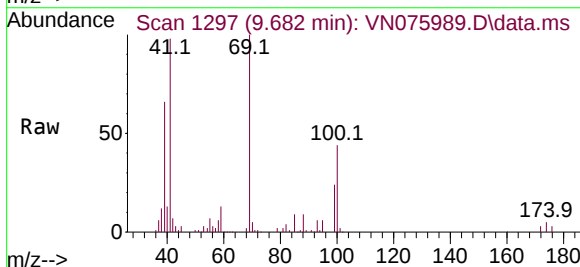
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 209173  
Ion Ratio Lower Upper  
83 100  
85 62.1 51.5 77.3  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 54.432 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 41 Resp: 120305  
Ion Ratio Lower Upper  
41 100  
69 100.4 81.9 122.9  
39 65.6 51.6 77.4





#49

1,4-Dioxane

Concen: 861.349 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

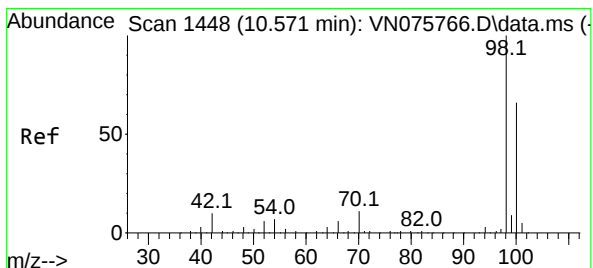
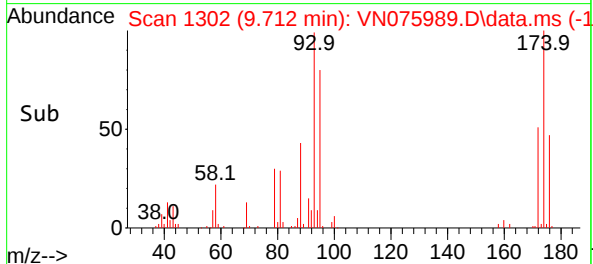
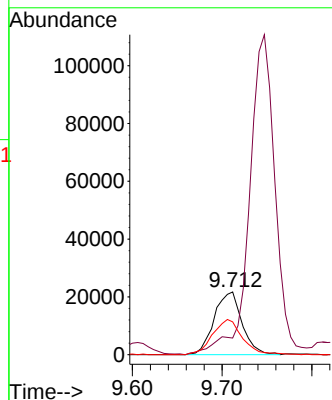
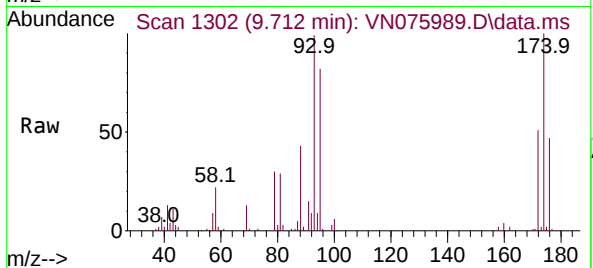
Tgt Ion: 88 Resp: 46802

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 60.3 47.8 71.8



#50

Toluene-d8

Concen: 50.756 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075989.D

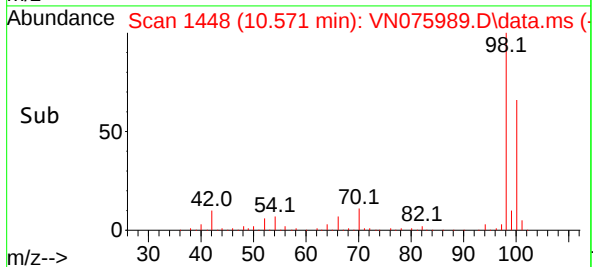
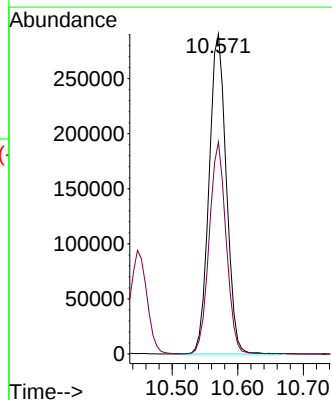
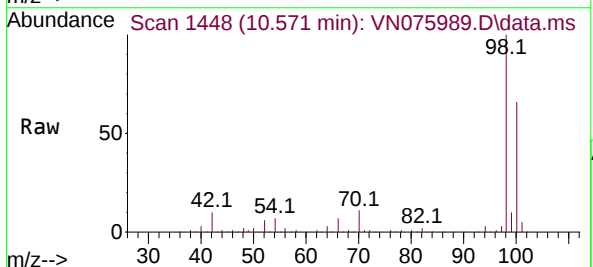
Acq: 28 Dec 2022 10:37

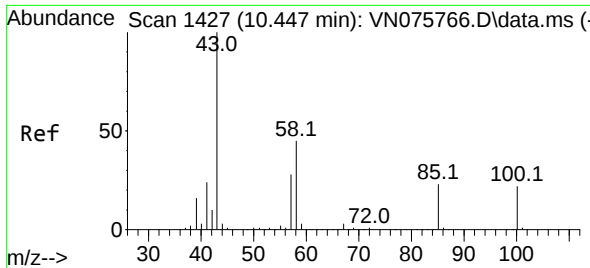
Tgt Ion: 98 Resp: 529079

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

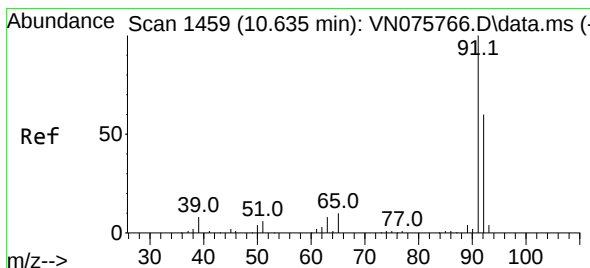
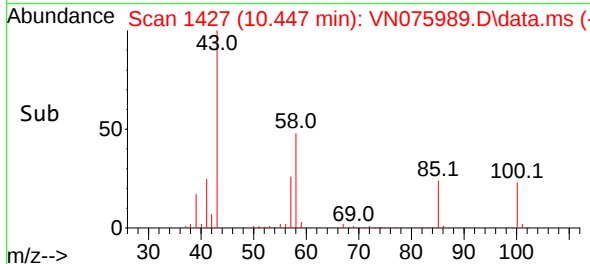
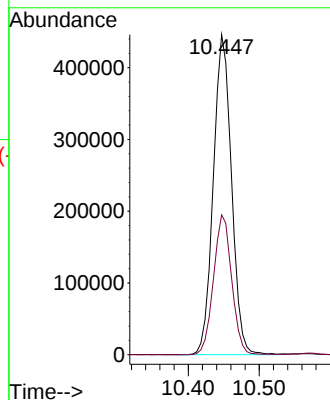
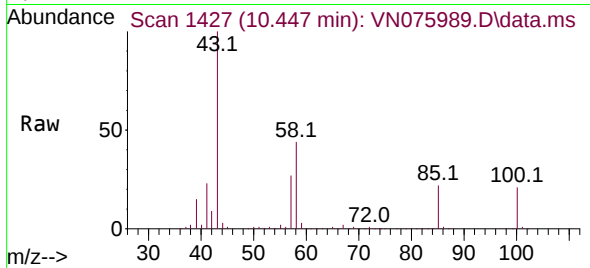




#51  
4-Methyl-2-Pentanone  
Concen: 266.758 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

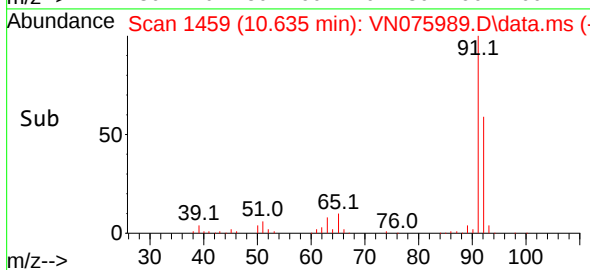
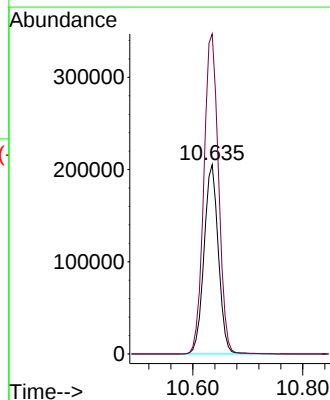
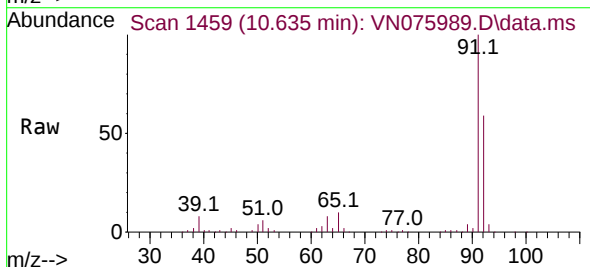
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

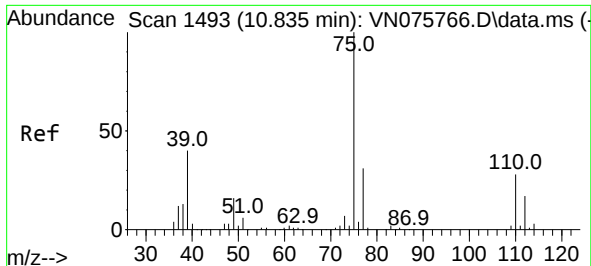
Tgt Ion: 43 Resp: 791652  
Ion Ratio Lower Upper  
43 100  
58 43.7 35.5 53.3



#52  
Toluene  
Concen: 49.735 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 92 Resp: 370124  
Ion Ratio Lower Upper  
92 100  
91 174.1 137.3 205.9

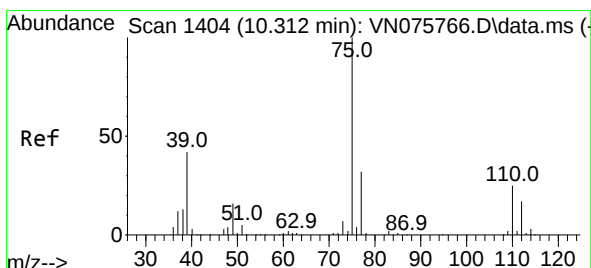
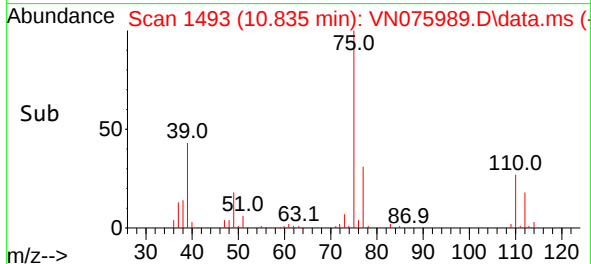
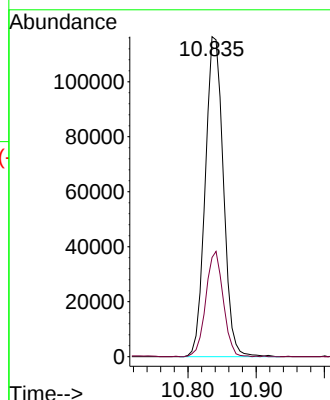
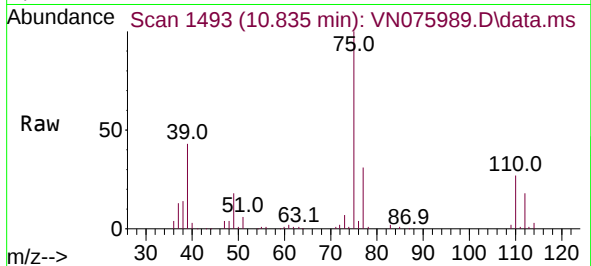




#53  
t-1,3-Dichloropropene  
Concen: 54.309 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

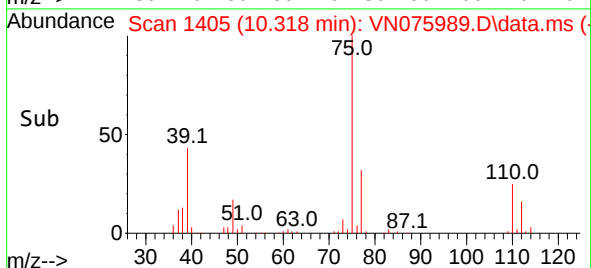
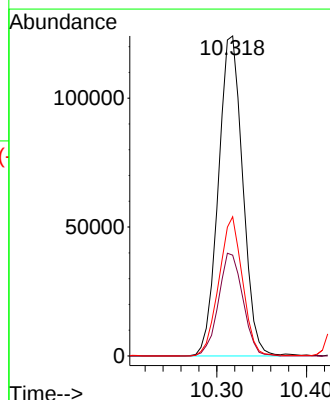
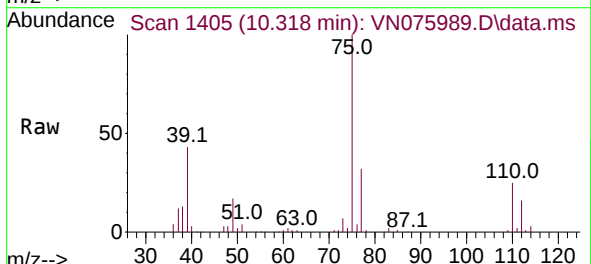
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

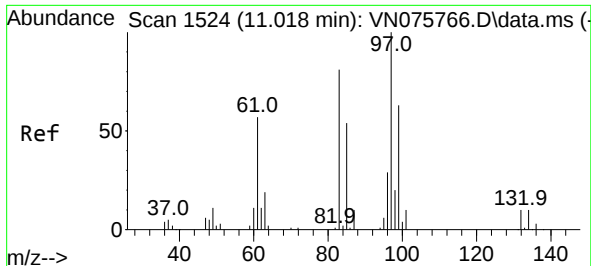
Tgt Ion: 75 Resp: 215010  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.9 37.3



#54  
cis-1,3-Dichloropropene  
Concen: 53.830 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 75 Resp: 233988  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.8 38.8  
39 43.5 33.4 50.2



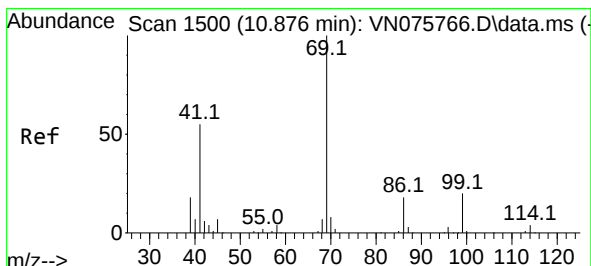
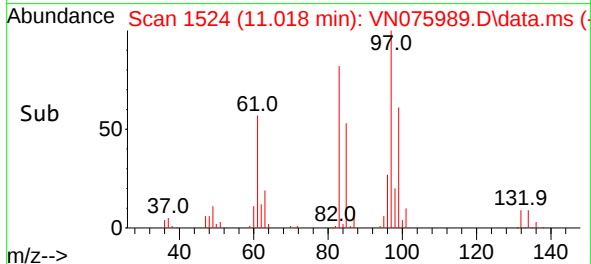
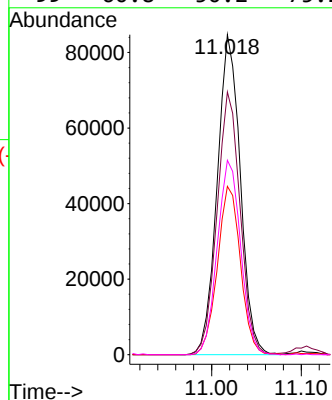
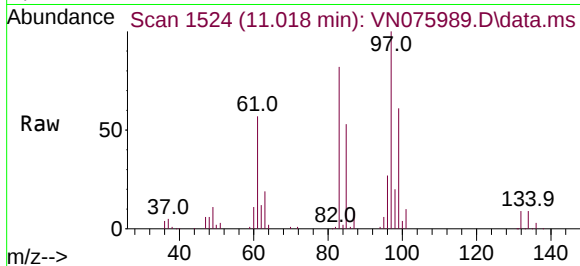


#55  
1,1,2-Trichloroethane  
Concen: 51.812 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 151341

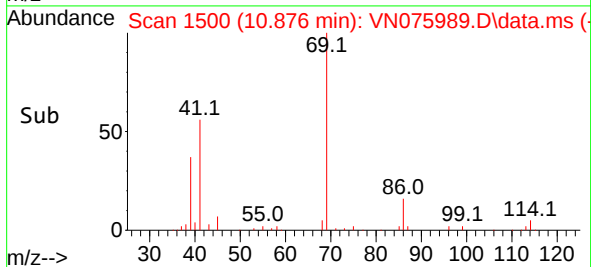
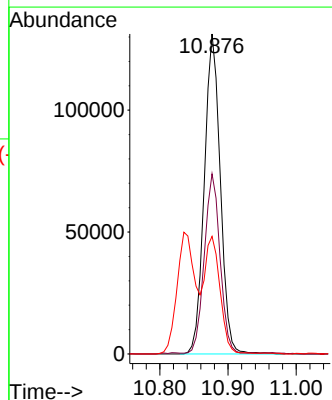
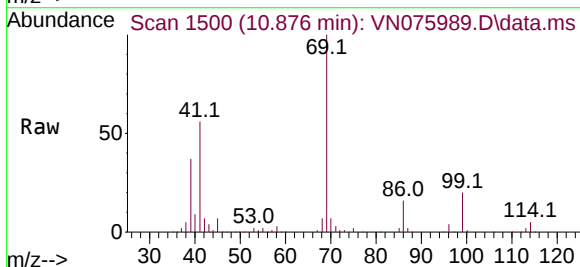
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.1  | 65.0  | 97.4  |
| 85  | 52.6  | 43.0  | 64.6  |
| 99  | 60.8  | 50.2  | 75.2  |

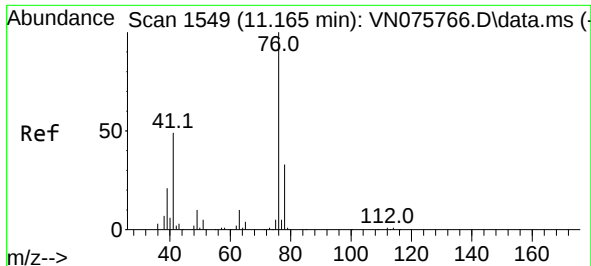


#56  
Ethyl methacrylate  
Concen: 55.288 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 69 Resp: 214508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.7  | 44.2  | 66.4  |
| 39  | 34.7  | 26.4  | 39.6  |





#57

1,3-Dichloropropane

Concen: 51.592 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

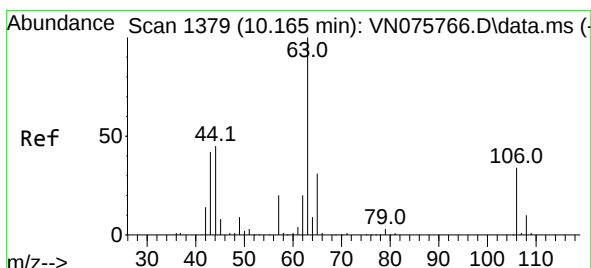
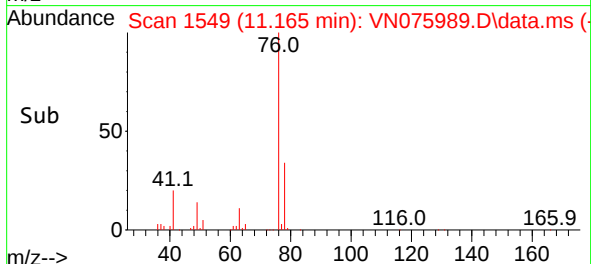
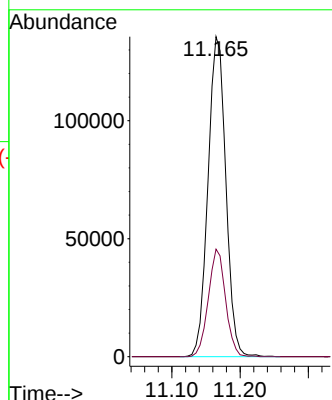
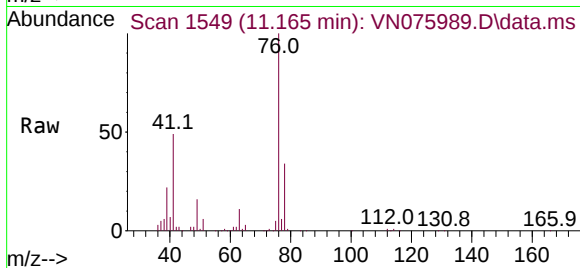
VSTDCCC050

Tgt Ion: 76 Resp: 247194

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 268.483 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075989.D

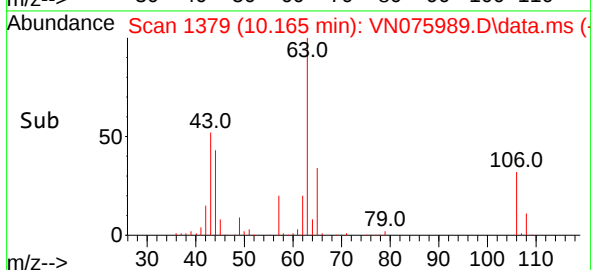
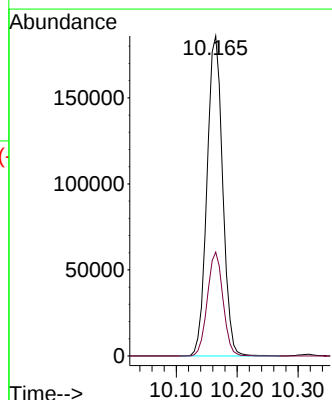
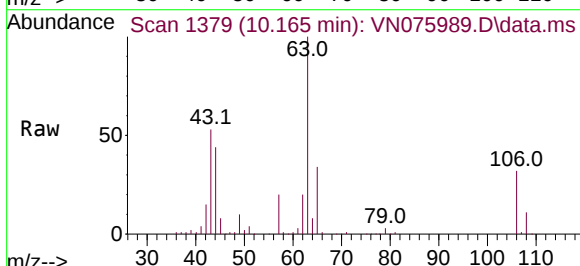
Acq: 28 Dec 2022 10:37

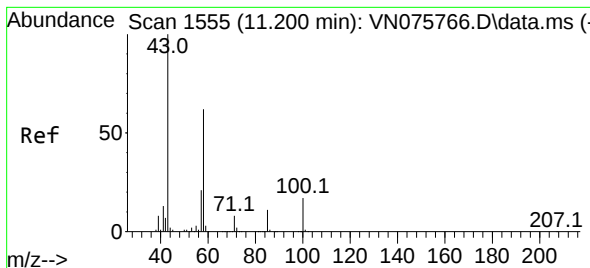
Tgt Ion: 63 Resp: 331650

Ion Ratio Lower Upper

63 100

106 32.4 26.4 39.6

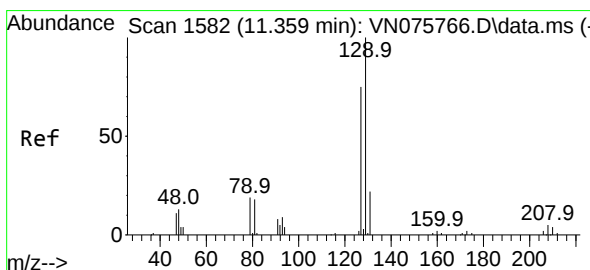
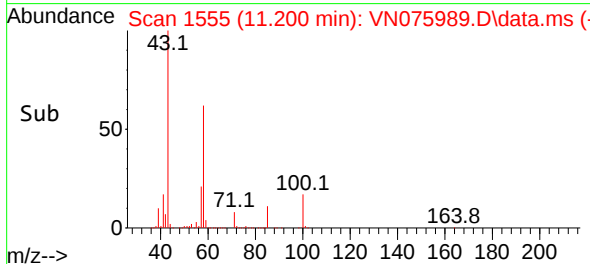
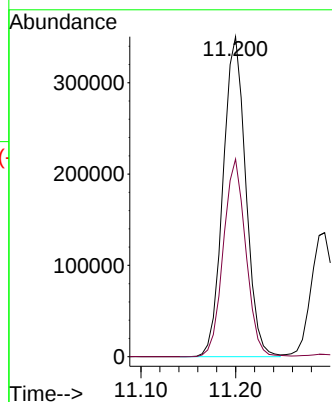
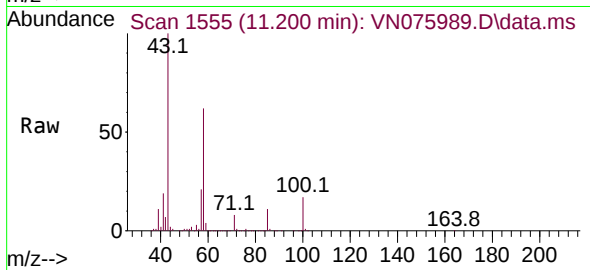




#59  
2-Hexanone  
Concen: 269.785 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

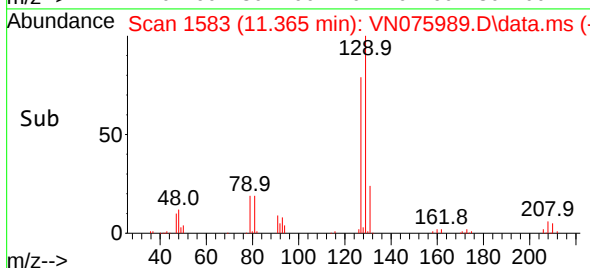
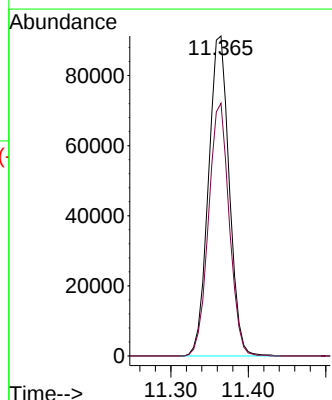
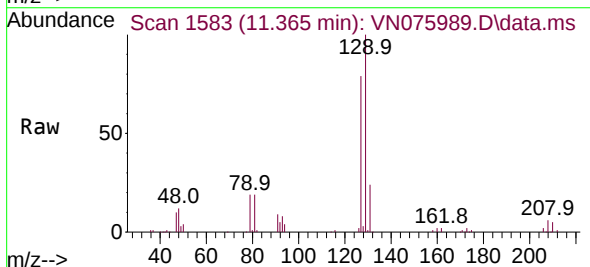
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

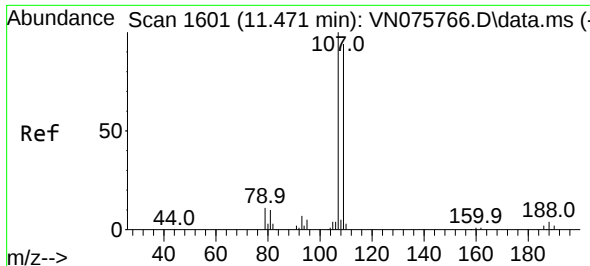
Tgt Ion: 43 Resp: 583878  
Ion Ratio Lower Upper  
43 100  
58 61.1 30.6 92.0



#60  
Dibromochloromethane  
Concen: 52.431 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 129 Resp: 170319  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.3 114.9

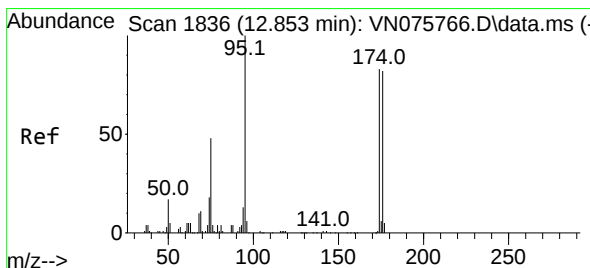
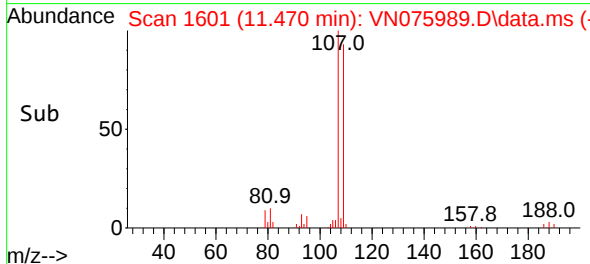
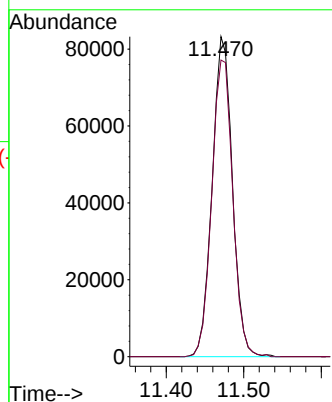
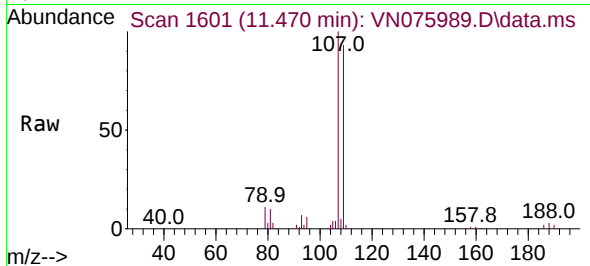




#61  
1,2-Dibromoethane  
Concen: 51.061 ug/l  
RT: 11.470 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

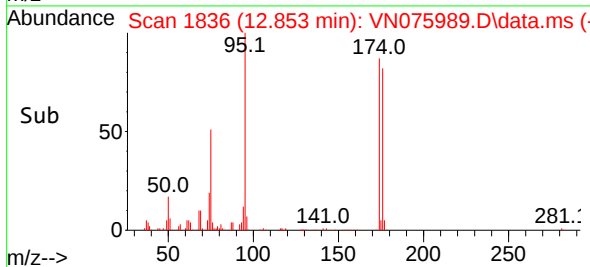
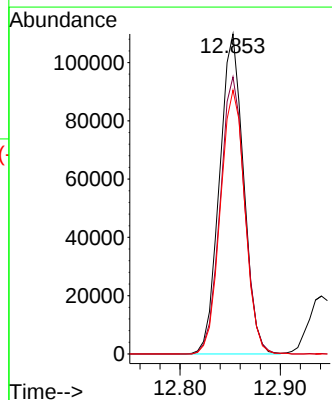
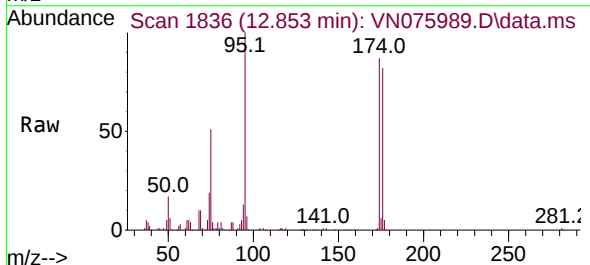
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ClientSampleId :  
VSTDCCC050

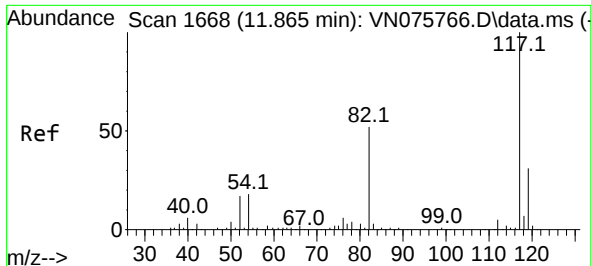
Tgt Ion:107 Resp: 150935  
Ion Ratio Lower Upper  
107 100  
109 96.2 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 52.960 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 95 Resp: 182846  
Ion Ratio Lower Upper  
95 100  
174 87.6 0.0 171.6  
176 83.7 0.0 169.2

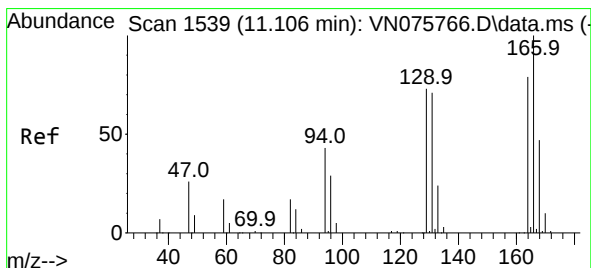
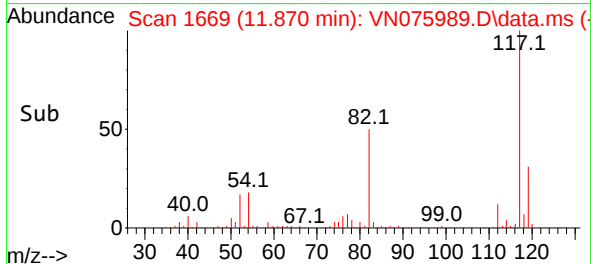
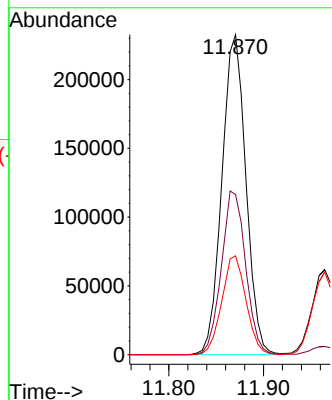
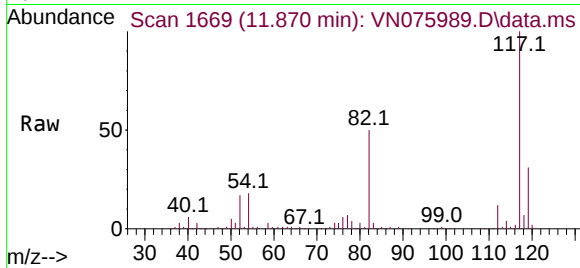




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

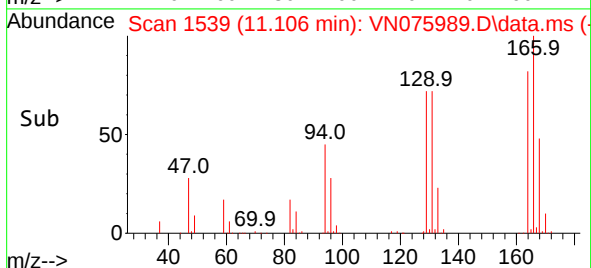
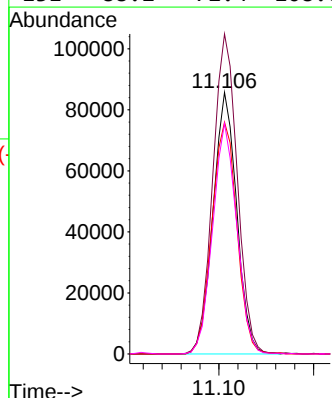
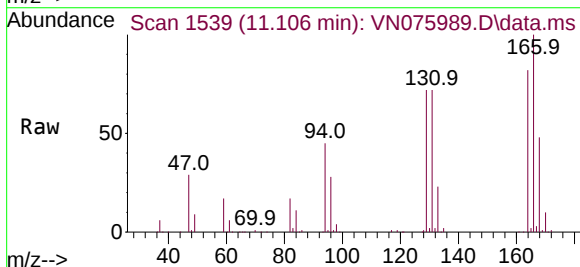
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

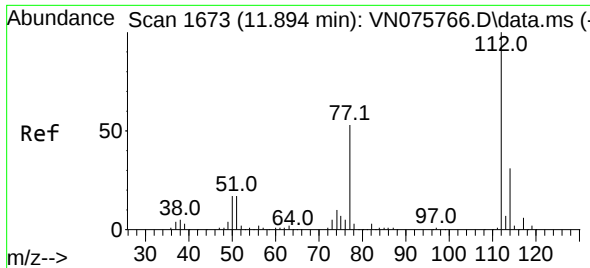
Tgt Ion:117 Resp: 409660  
Ion Ratio Lower Upper  
117 100  
82 50.1 41.3 61.9  
119 30.9 24.6 37.0



#64  
Tetrachloroethene  
Concen: 51.636 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:164 Resp: 148851  
Ion Ratio Lower Upper  
164 100  
166 122.4 101.9 152.9  
129 88.7 74.2 111.2  
131 88.2 72.4 108.6

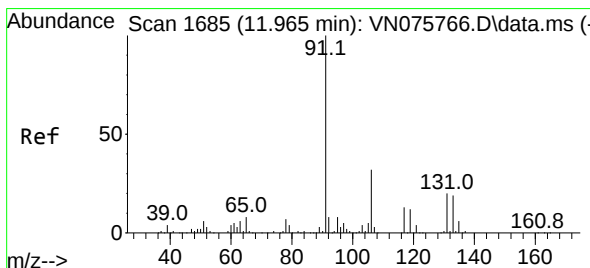
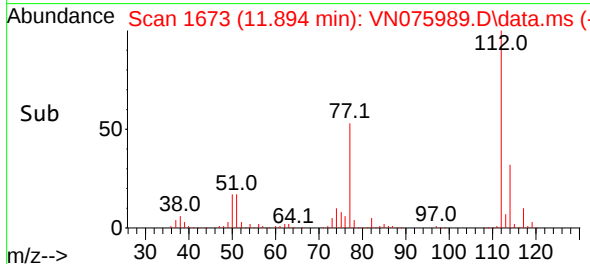
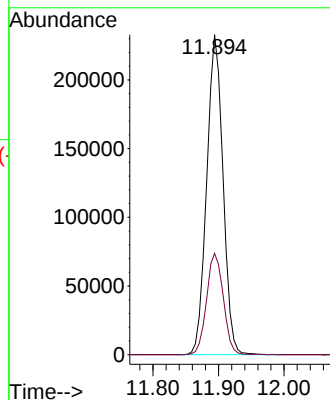
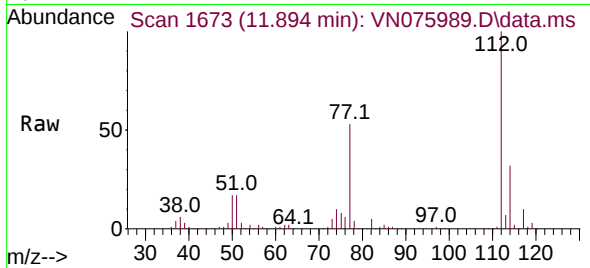




#65  
Chlorobenzene  
Concen: 47.905 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

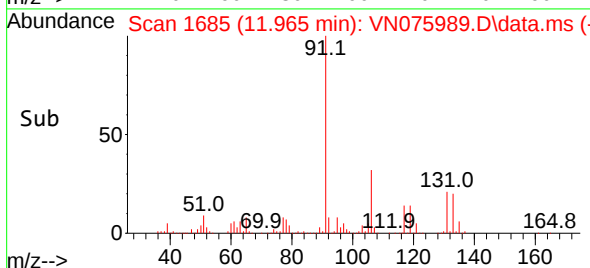
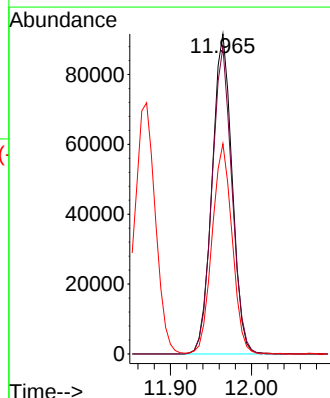
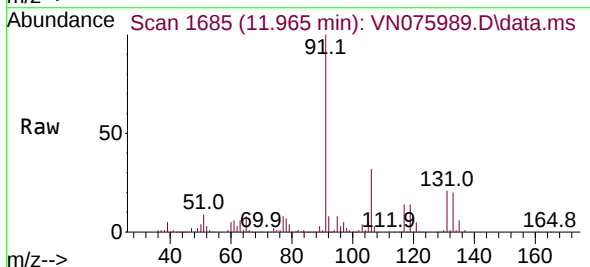
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

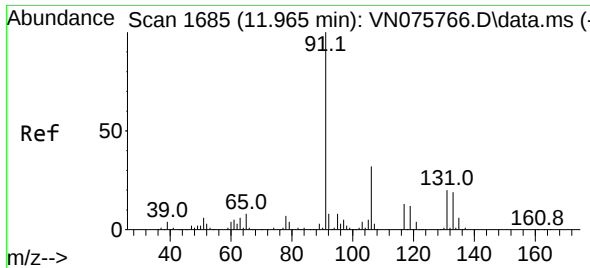
Tgt Ion:112 Resp: 402793  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.345 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:131 Resp: 156794  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.5 142.5  
119 65.7 31.9 95.7

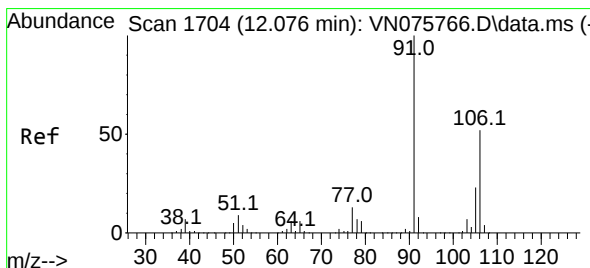
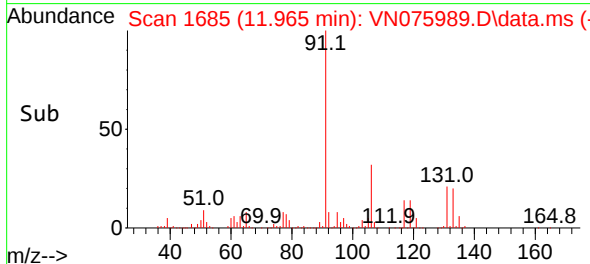
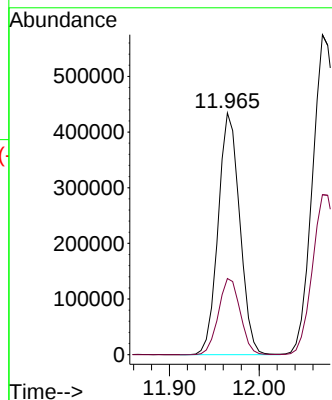
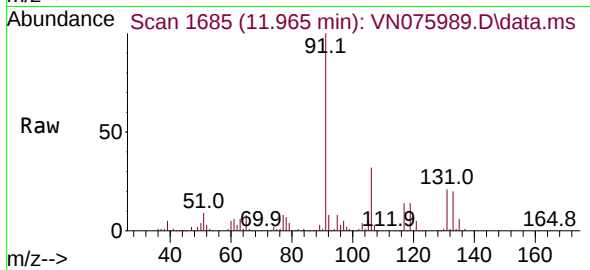




#67  
Ethyl Benzene  
Concen: 51.116 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

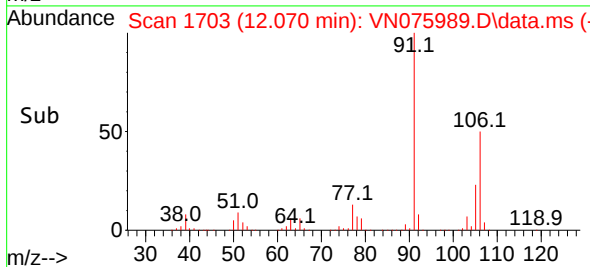
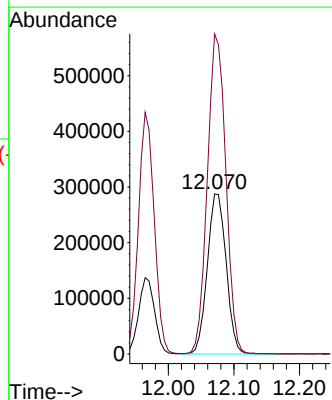
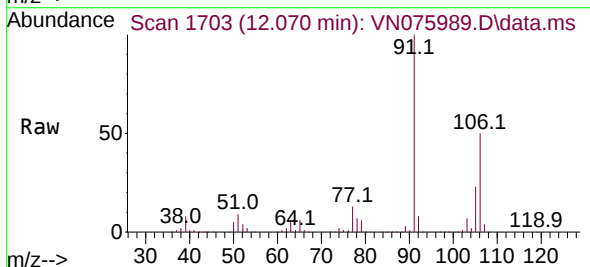
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

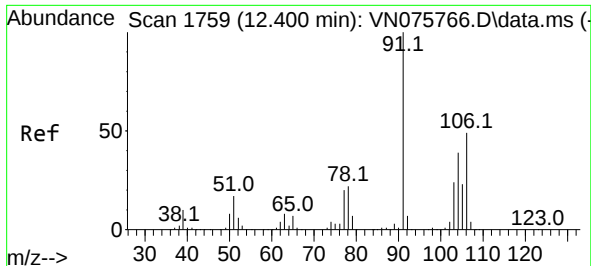
Tgt Ion: 91 Resp: 725375  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.7 38.5



#68  
m/p-Xylenes  
Concen: 102.115 ug/l  
RT: 12.070 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:106 Resp: 573552  
Ion Ratio Lower Upper  
106 100  
91 197.0 156.6 235.0

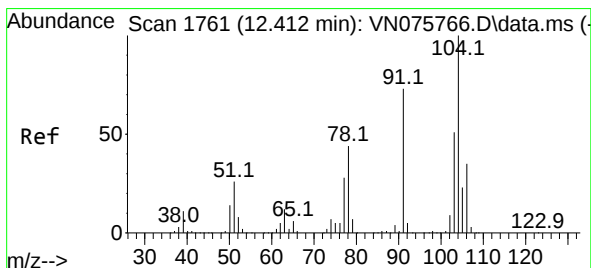
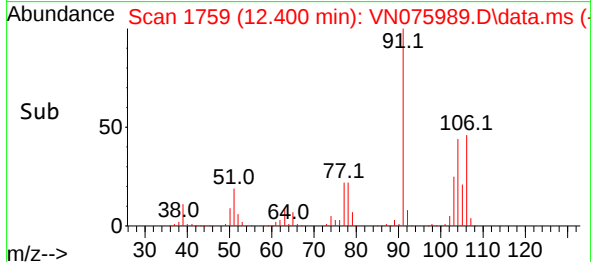
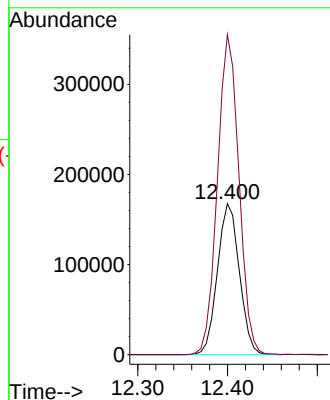
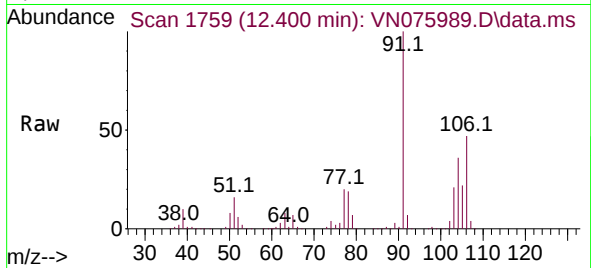




#69  
o-Xylene  
Concen: 51.101 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

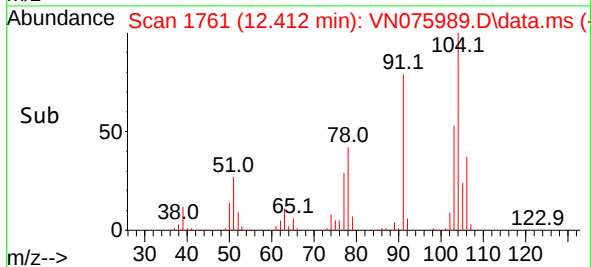
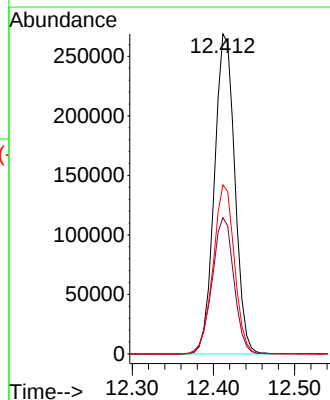
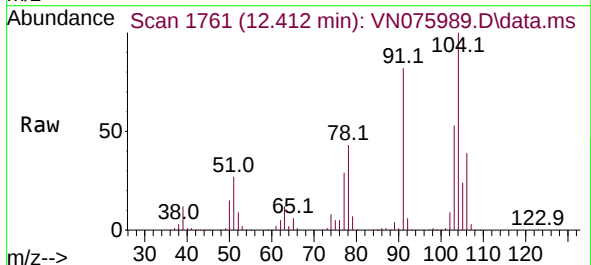
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

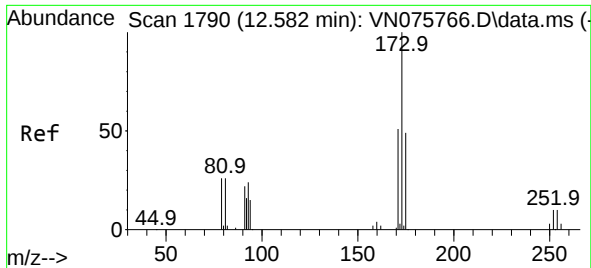
Tgt Ion:106 Resp: 284036  
Ion Ratio Lower Upper  
106 100  
91 208.3 103.8 311.6



#70  
Styrene  
Concen: 53.186 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:104 Resp: 470051  
Ion Ratio Lower Upper  
104 100  
78 45.4 37.5 56.3  
103 55.0 43.5 65.3

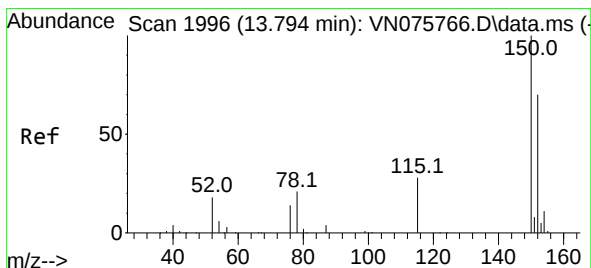
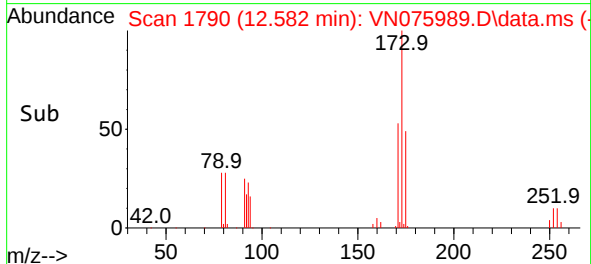
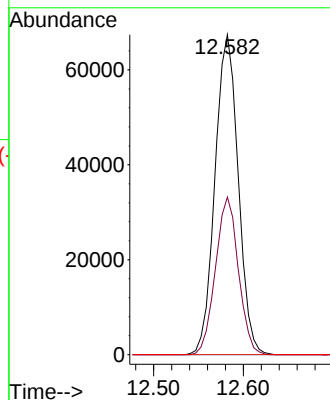
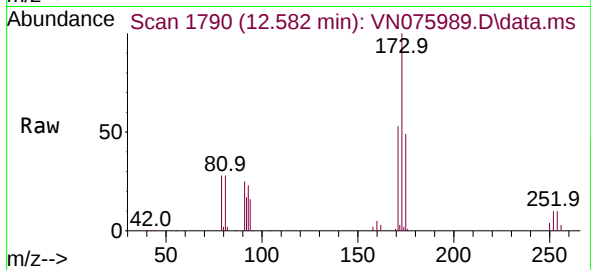




#71  
Bromoform  
Concen: 53.432 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

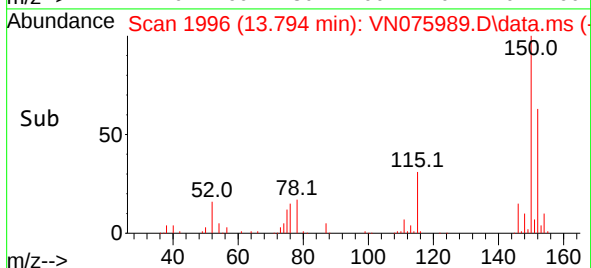
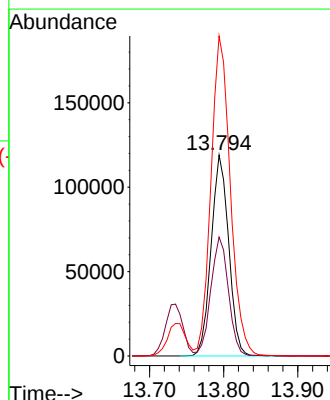
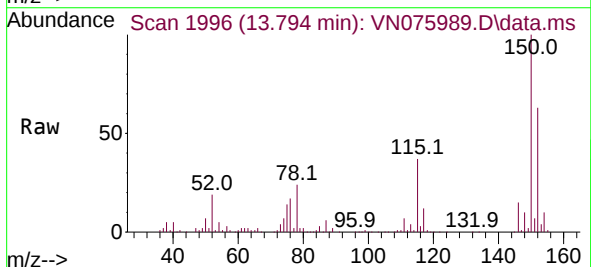
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ClientSampleId :  
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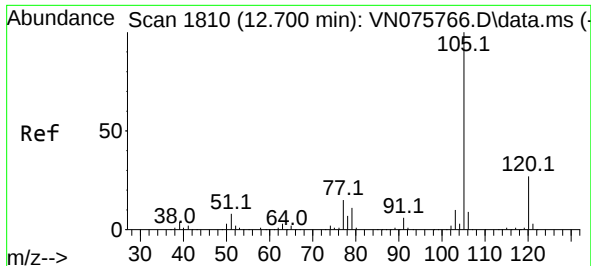
Tgt Ion:173 Resp: 121086  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.3 72.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:152 Resp: 195463  
Ion Ratio Lower Upper  
152 100  
115 59.7 29.1 87.4  
150 176.1 0.0 347.0

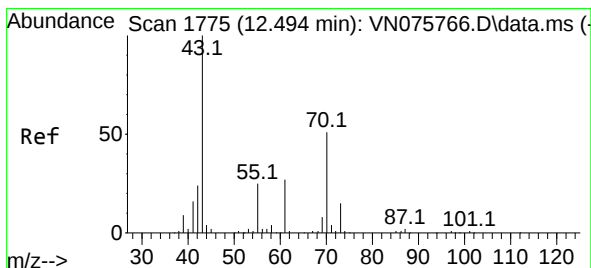
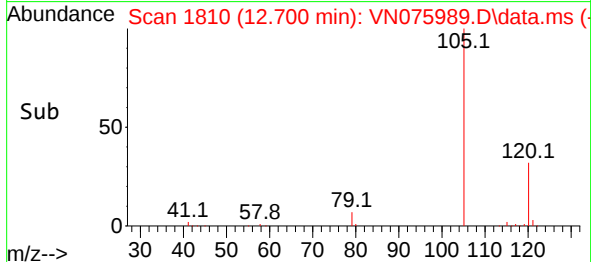
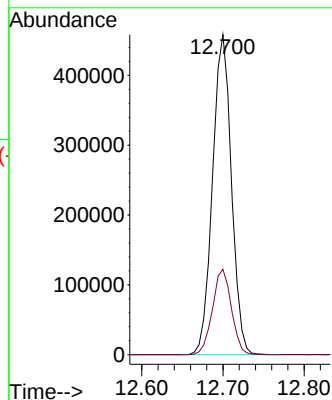
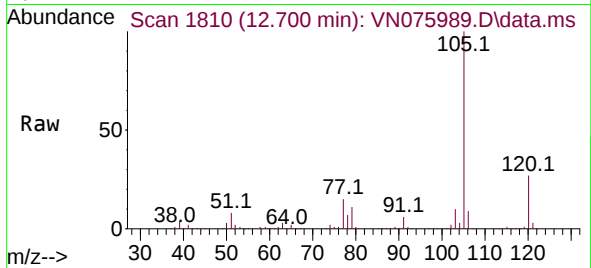




#73  
Isopropylbenzene  
Concen: 52.378 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

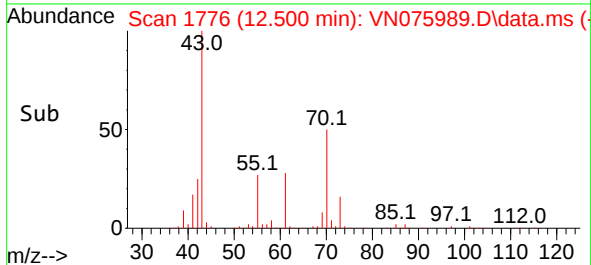
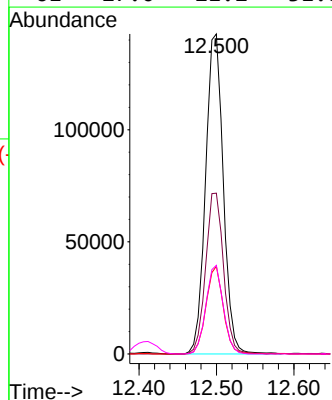
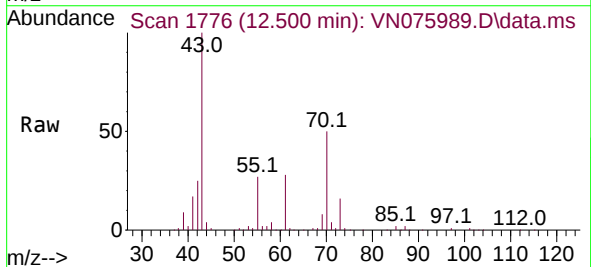
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ClientSampleId :  
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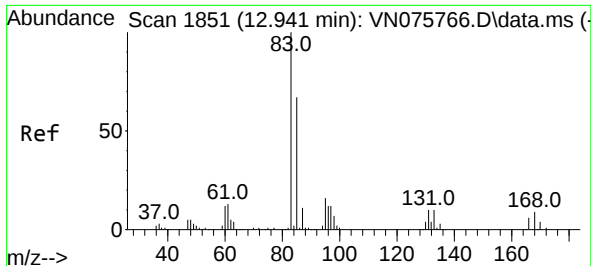
Tgt Ion:105 Resp: 739841  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.2



#74  
N-ethyl acetate  
Concen: 54.754 ug/l  
RT: 12.500 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 43 Resp: 226888  
Ion Ratio Lower Upper  
43 100  
70 50.8 41.4 62.0  
55 26.8 21.3 31.9  
61 27.0 21.2 31.8

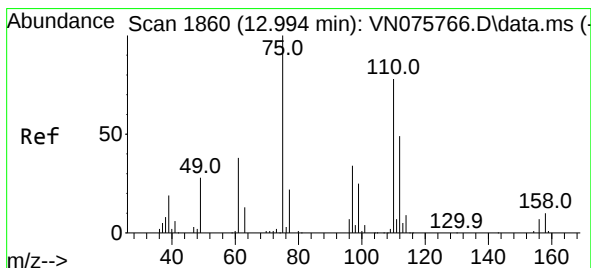
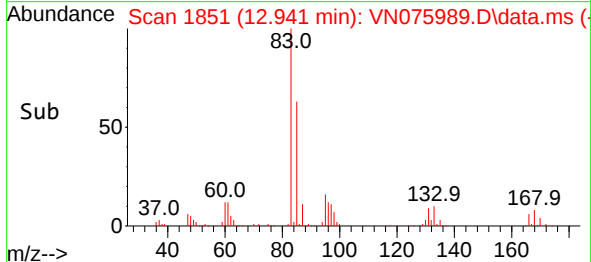
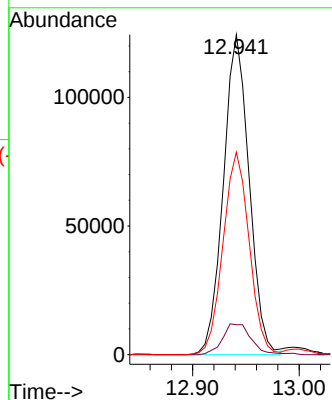
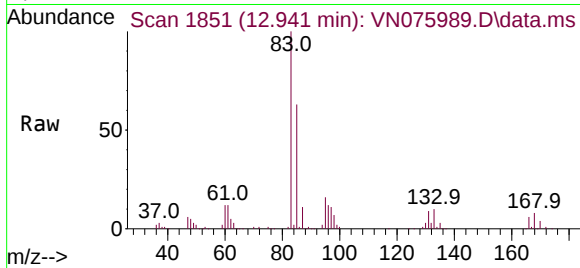




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.915 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

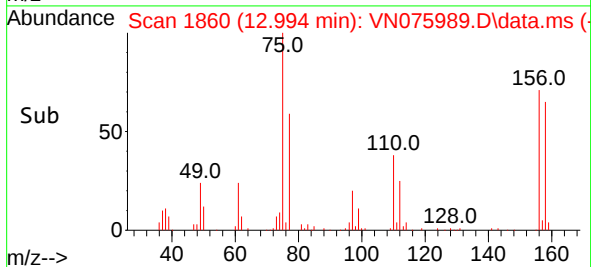
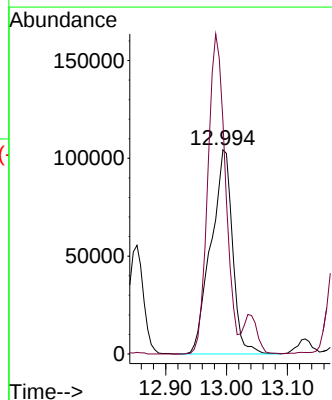
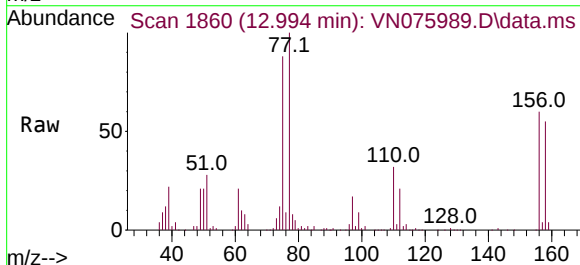
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

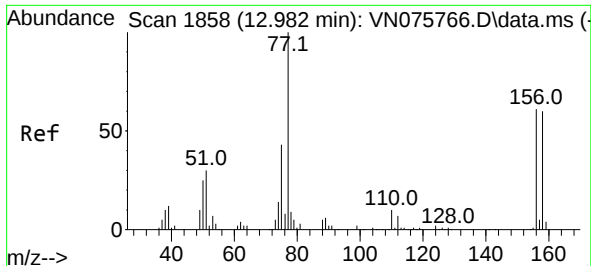
Tgt Ion: 83 Resp: 209223  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.6 16.8  
85 64.2 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 65.034 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 75 Resp: 256237  
Ion Ratio Lower Upper  
75 100  
77 128.8 82.6 247.8

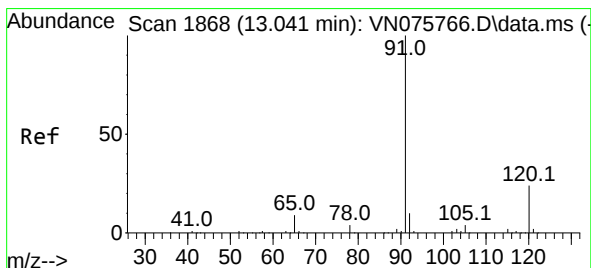
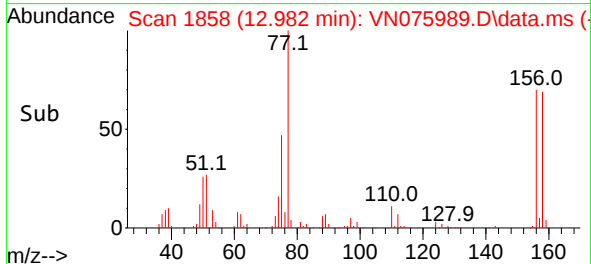
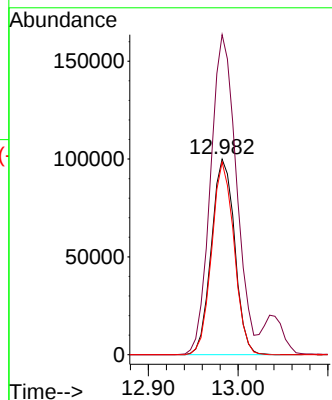
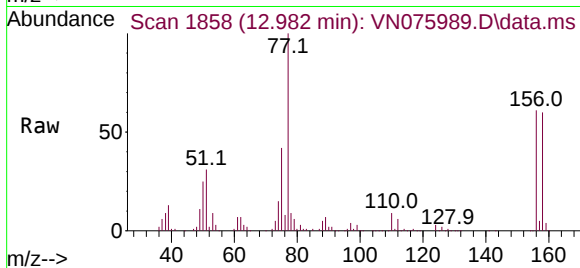




#77  
Bromobenzene  
Concen: 50.309 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

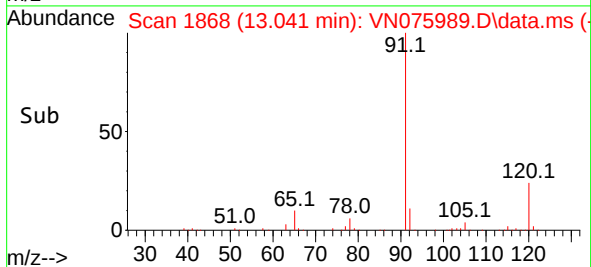
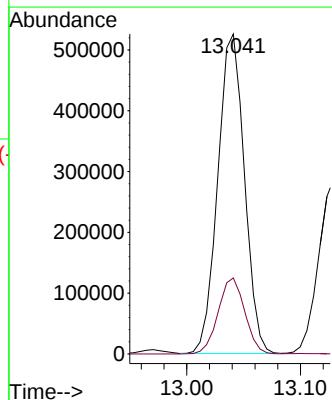
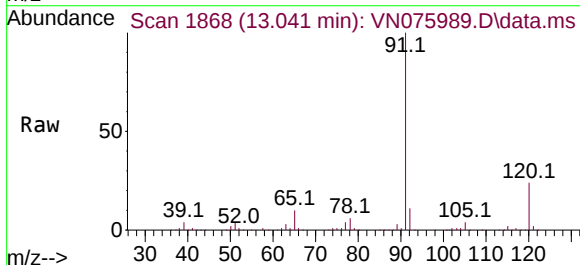
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

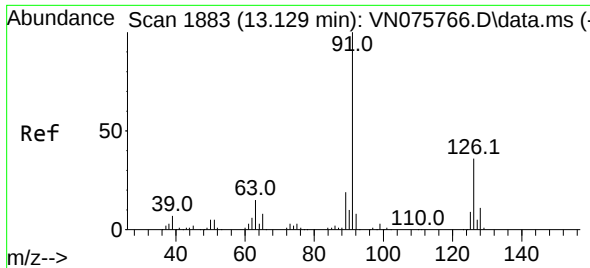
Tgt Ion:156 Resp: 179841  
Ion Ratio Lower Upper  
156 100  
77 183.6 93.8 281.3  
158 94.7 48.9 146.6



#78  
n-propylbenzene  
Concen: 54.922 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 91 Resp: 855640  
Ion Ratio Lower Upper  
91 100  
120 23.7 12.0 36.1

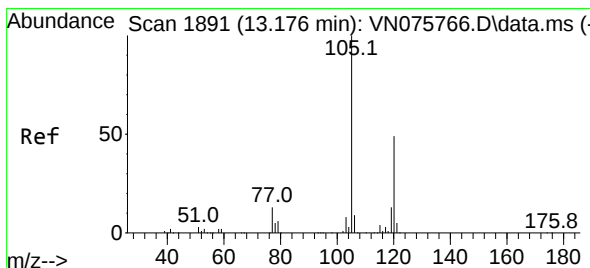
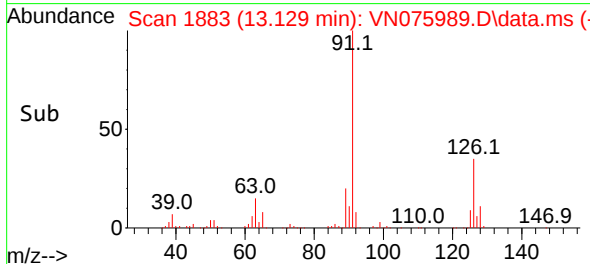
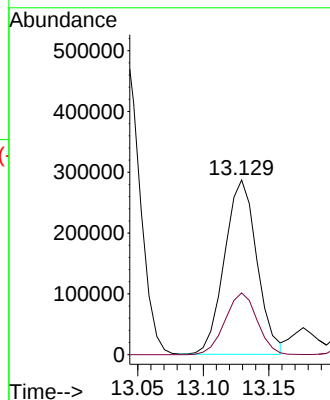
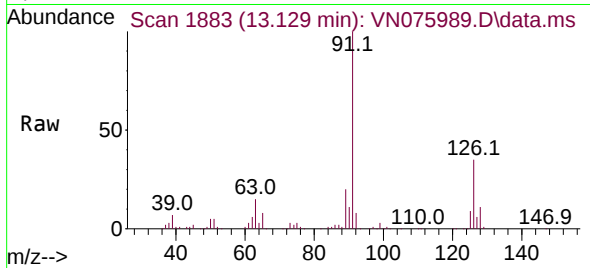




#79  
2-Chlorotoluene  
Concen: 50.705 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

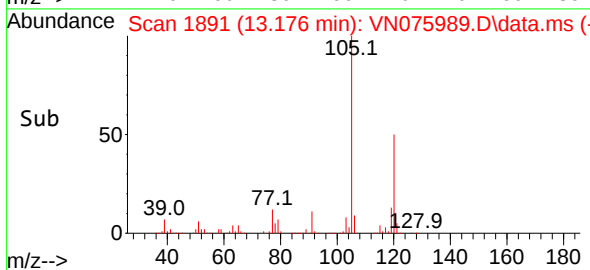
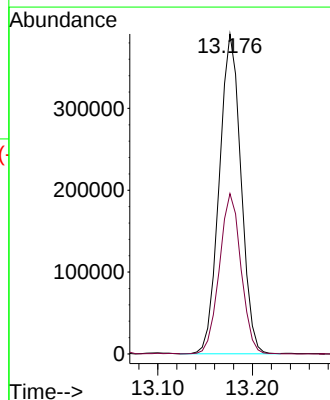
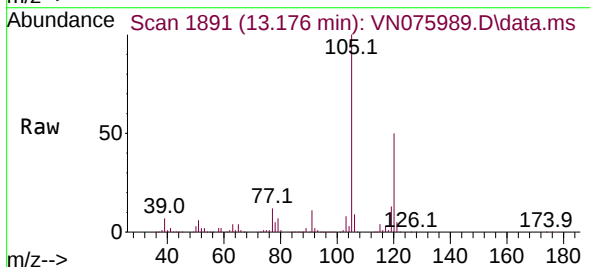
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

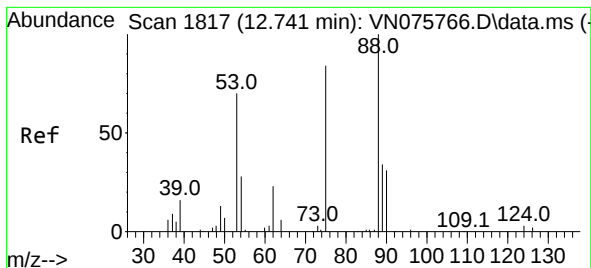
Tgt Ion: 91 Resp: 493102  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 52.604 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 105 Resp: 621885  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.7 74.1

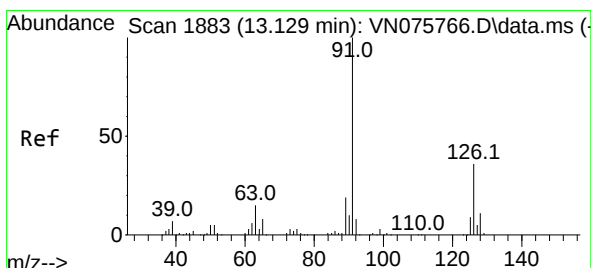
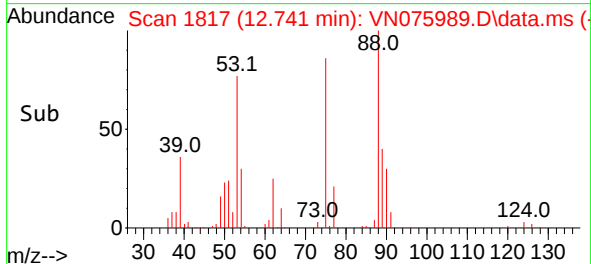
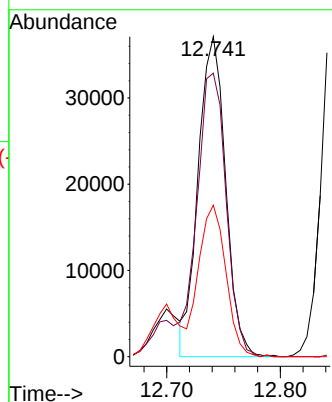
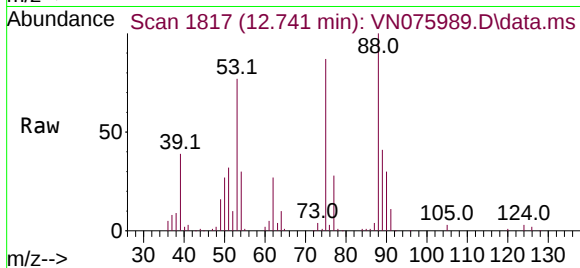




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.793 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

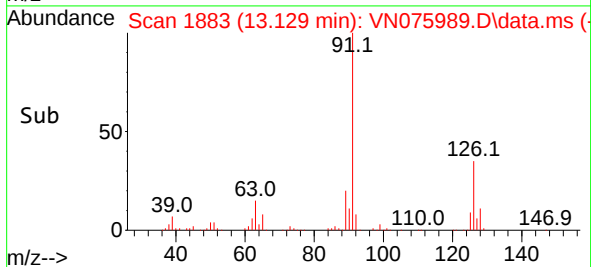
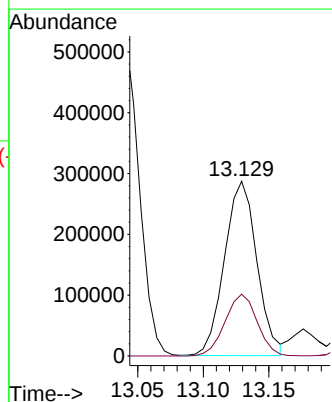
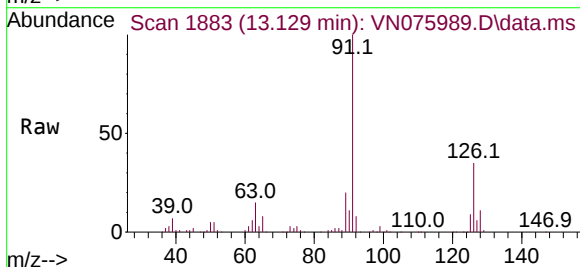
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

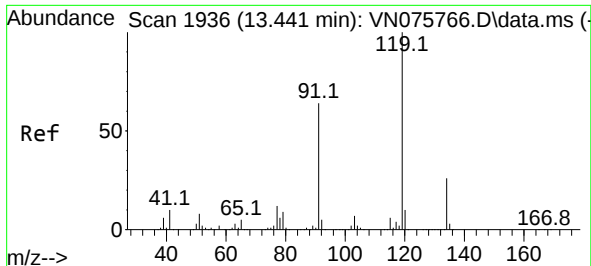
Tgt Ion: 75 Resp: 62166  
Ion Ratio Lower Upper  
75 100  
53 105.1 73.8 110.6  
89 46.6 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 50.705 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 91 Resp: 493102  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.5

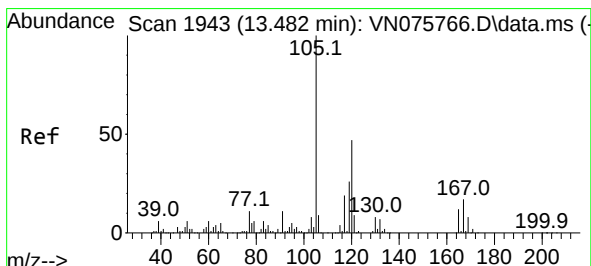
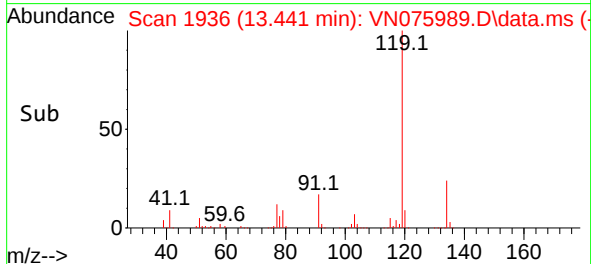
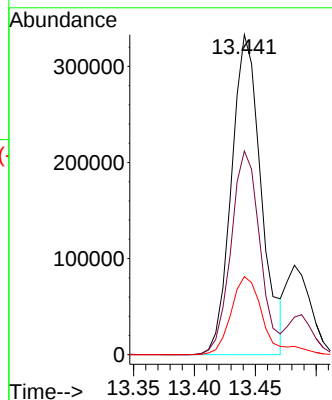
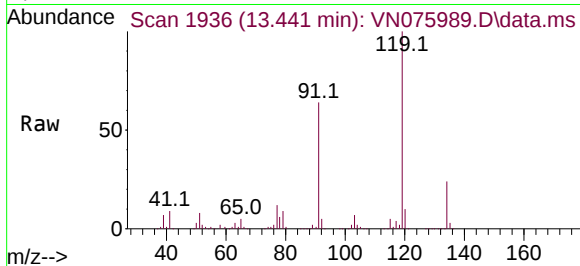




#83  
 tert-Butylbenzene  
 Concen: 54.207 ug/l  
 RT: 13.441 min Scan# 1936  
 Delta R.T. -0.000 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

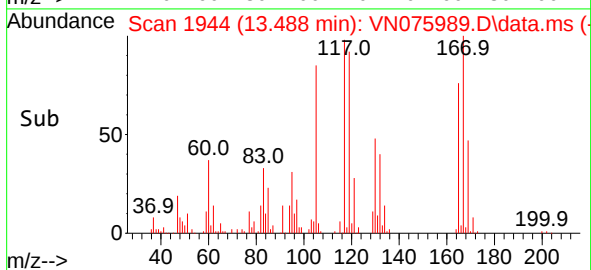
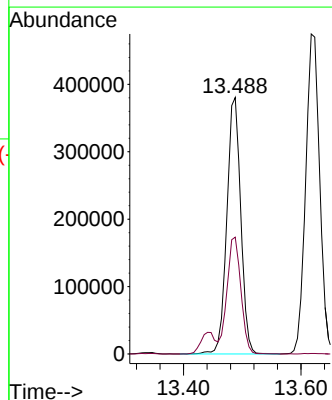
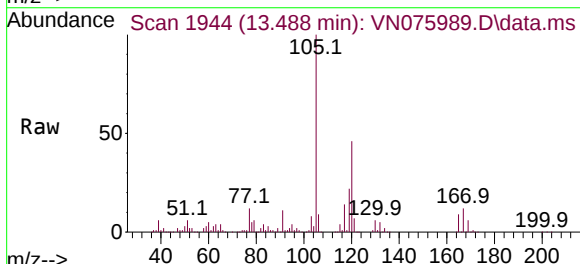
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

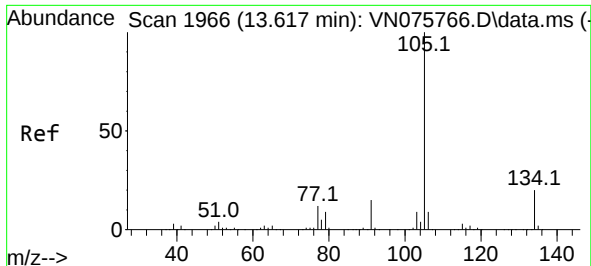
Tgt Ion:119 Resp: 565011  
 Ion Ratio Lower Upper  
 119 100  
 91 62.4 31.9 95.5  
 134 26.5 13.8 41.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.344 ug/l  
 RT: 13.488 min Scan# 1944  
 Delta R.T. 0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion:105 Resp: 625606  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 23.3 69.8

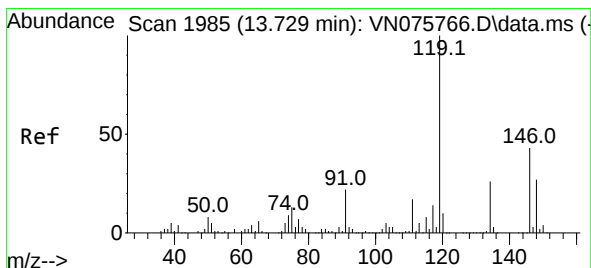
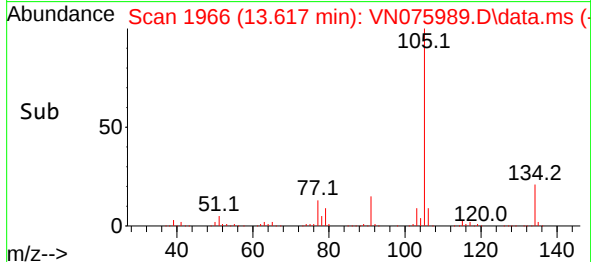
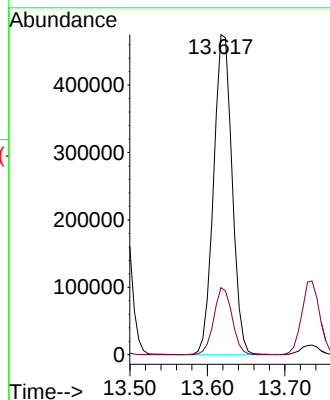
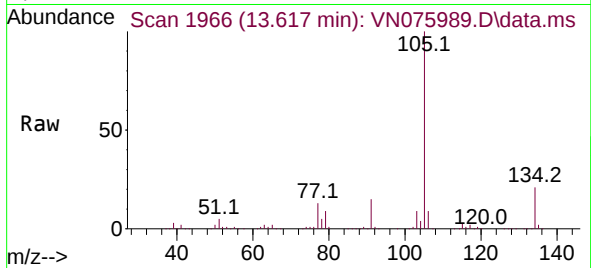




#85  
 sec-Butylbenzene  
 Concen: 54.724 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

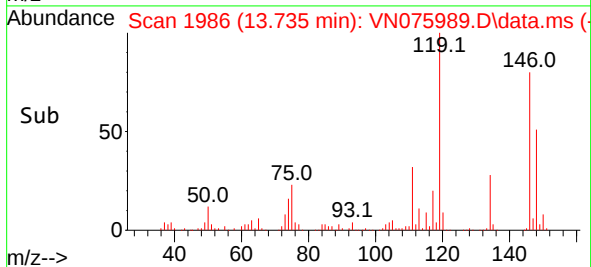
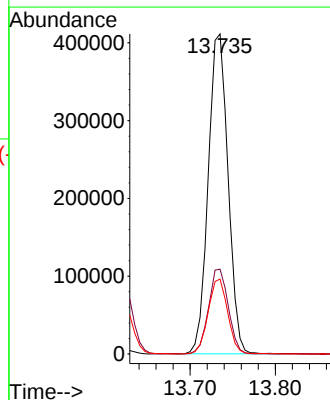
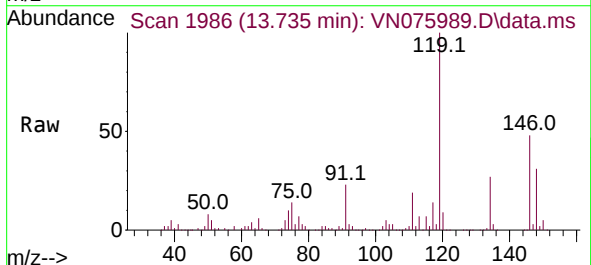
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 ClientSampleId :  
 VSTDCCC050

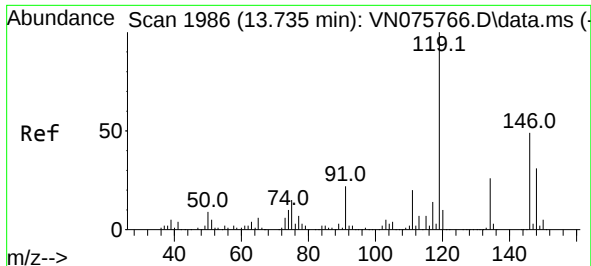
Tgt Ion:105 Resp: 787273  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 55.499 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion:119 Resp: 664363  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.0 39.0  
 91 23.3 11.2 33.6

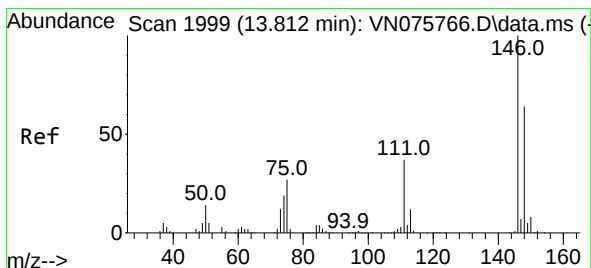
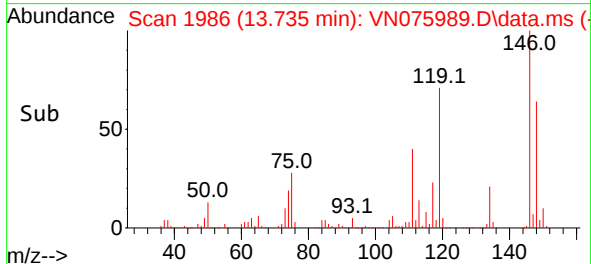
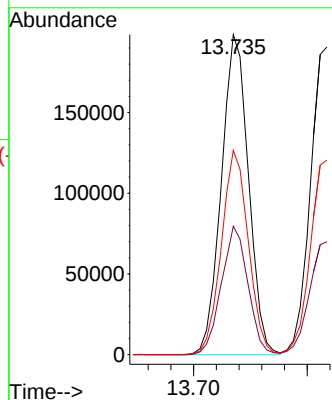
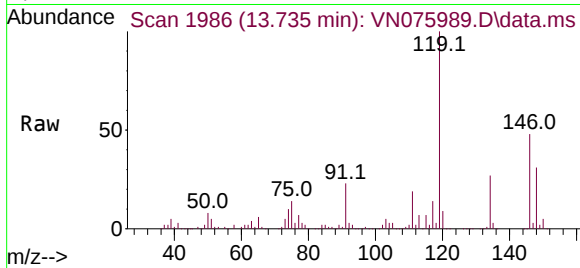




#87  
1,3-Dichlorobenzene  
Concen: 49.726 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

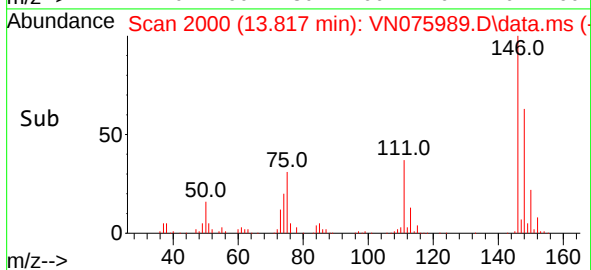
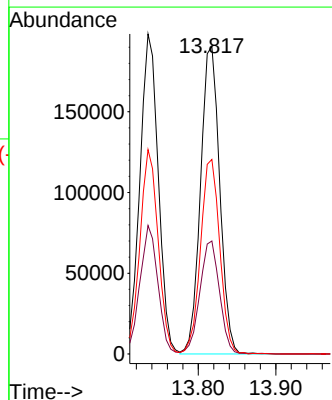
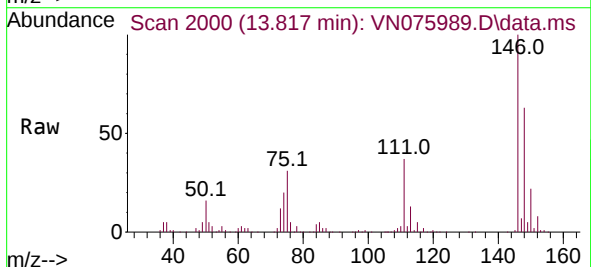
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

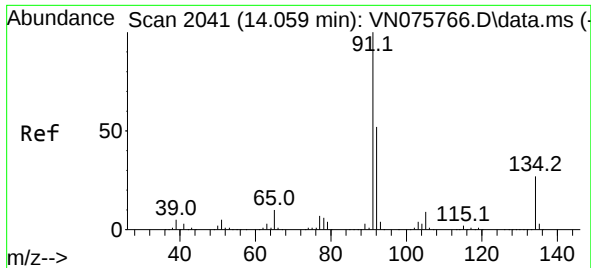
Tgt Ion:146 Resp: 328349  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.7 59.0  
148 63.4 31.4 94.2



#88  
1,4-Dichlorobenzene  
Concen: 48.594 ug/l  
RT: 13.817 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:146 Resp: 327793  
Ion Ratio Lower Upper  
146 100  
111 37.3 19.1 57.1  
148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 56.394 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075989.D

Acq: 28 Dec 2022 10:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

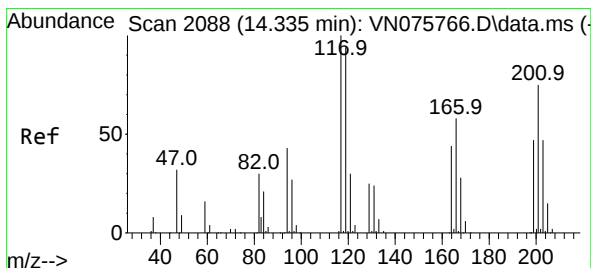
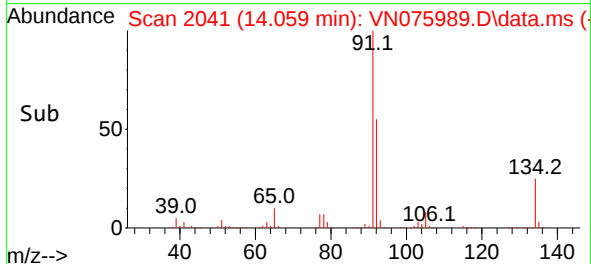
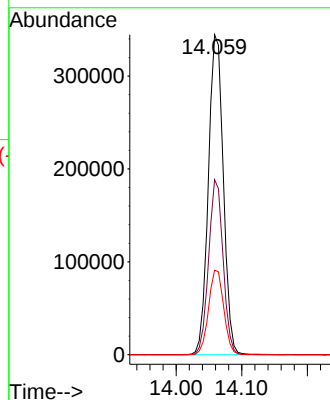
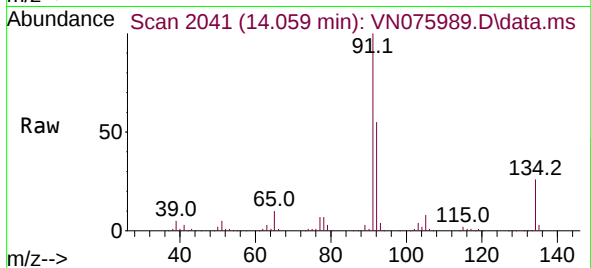
Tgt Ion: 91 Resp: 546899

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 26.8 13.4 40.2



#90

Hexachloroethane

Concen: 54.728 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN075989.D

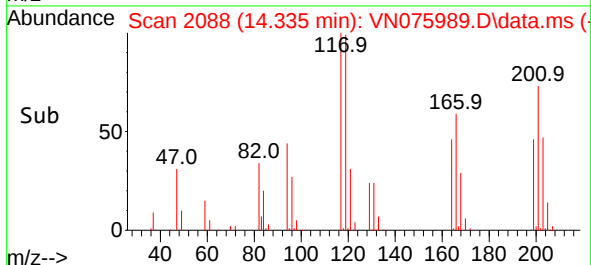
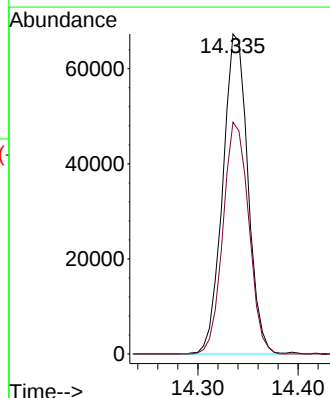
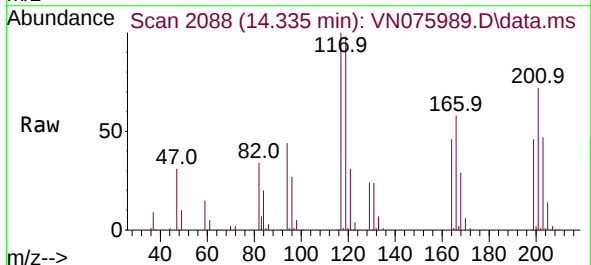
Acq: 28 Dec 2022 10:37

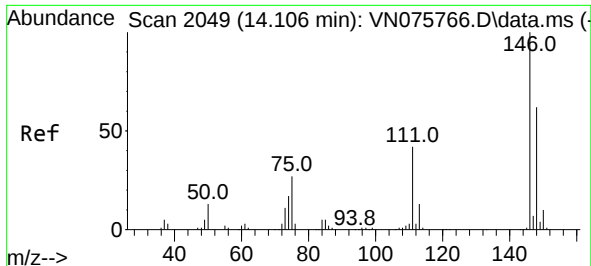
Tgt Ion: 117 Resp: 117190

Ion Ratio Lower Upper

117 100

201 74.0 38.0 114.1

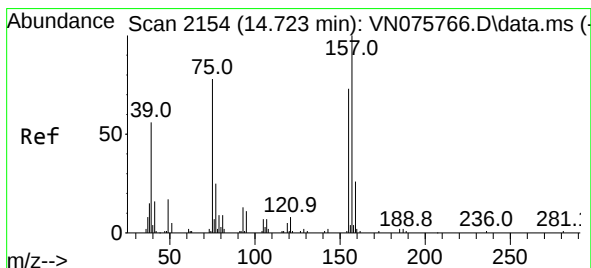
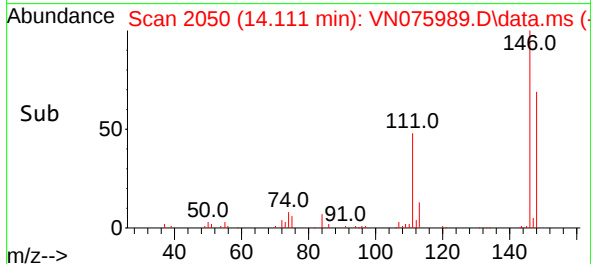
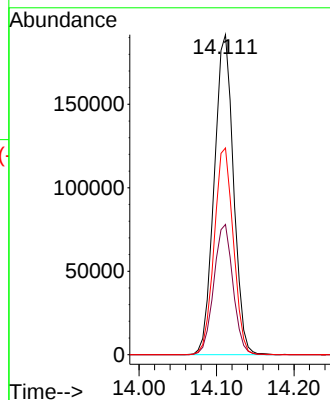
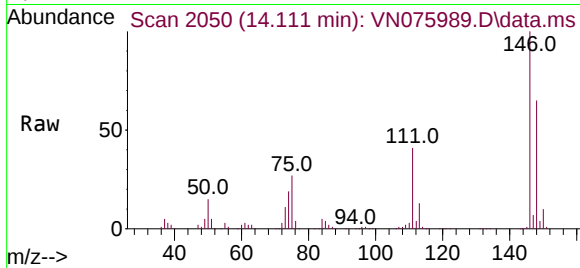




#91  
1,2-Dichlorobenzene  
Concen: 50.836 ug/l  
RT: 14.111 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

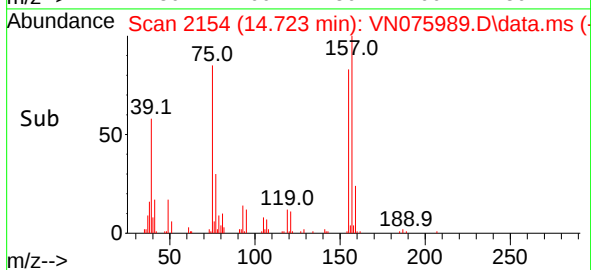
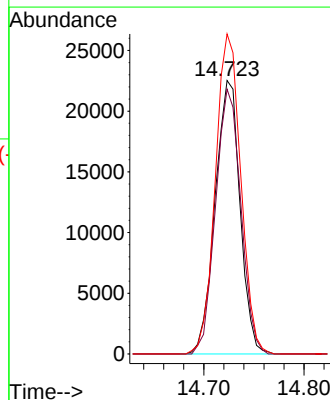
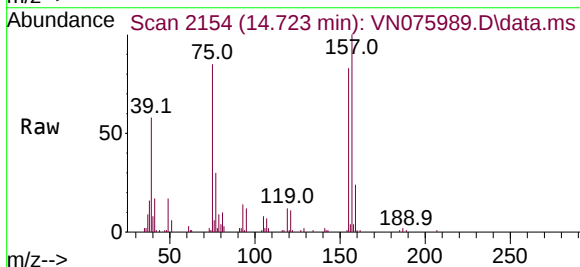
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ClientSampleId :  
VSTDCCC050

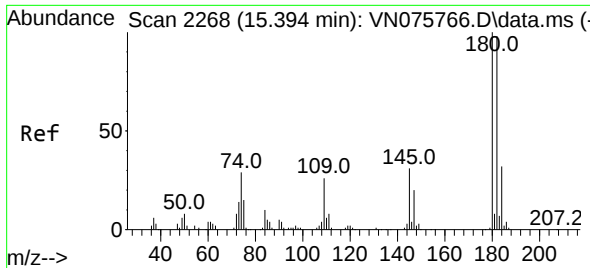
Tgt Ion:146 Resp: 330645  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.3 61.0  
148 64.3 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.133 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion: 75 Resp: 38844  
Ion Ratio Lower Upper  
75 100  
155 98.0 49.3 147.8  
157 119.1 63.7 191.3

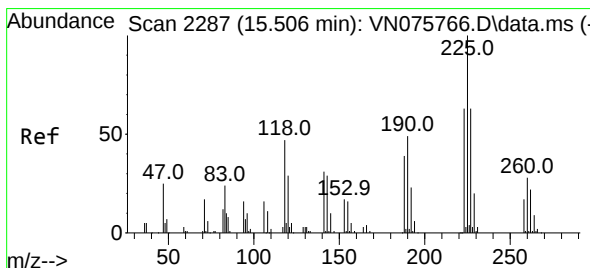
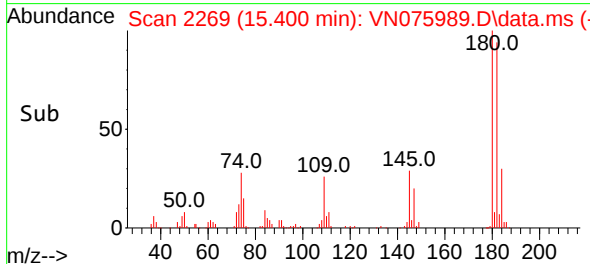
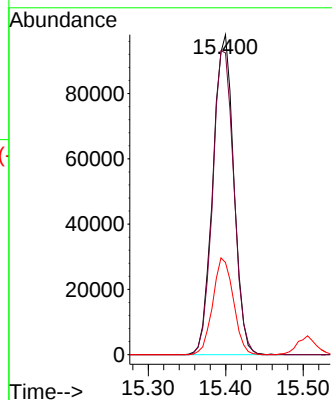
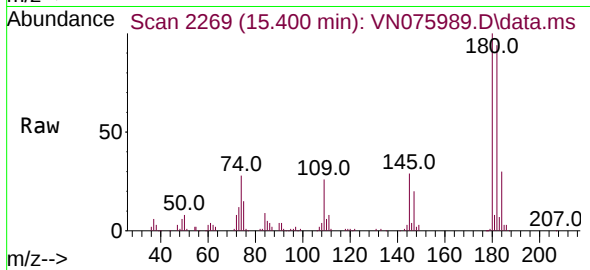




#93  
 1,2,4-Trichlorobenzene  
 Concen: 56.996 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

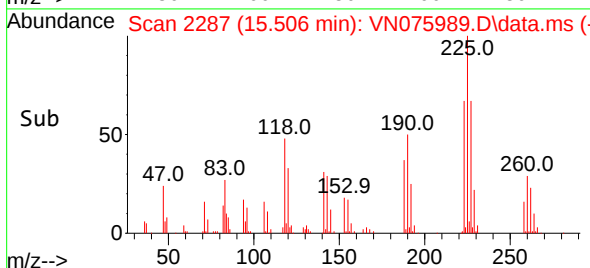
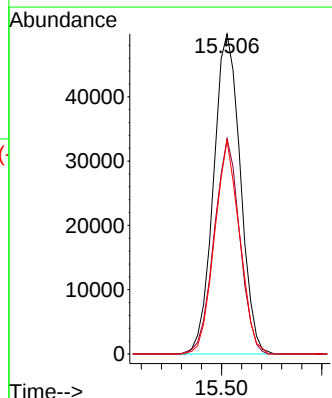
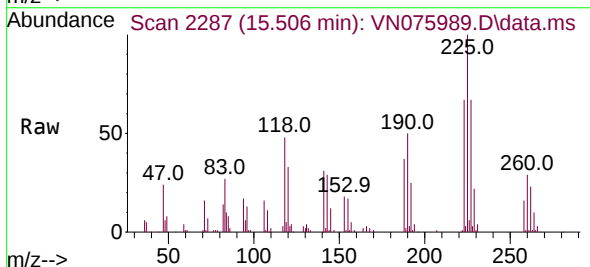
Instrument :  
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 ClientSampleId :  
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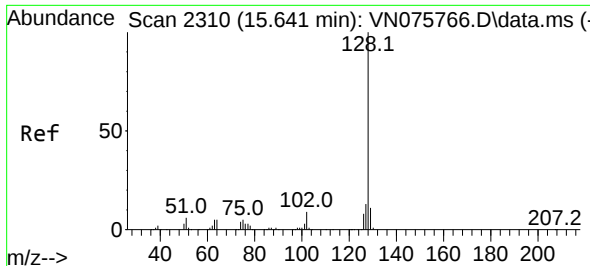
Tgt Ion:180 Resp: 183529  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 47.5 142.5  
 145 30.0 15.3 45.8



#94  
 Hexachlorobutadiene  
 Concen: 52.435 ug/l  
 RT: 15.506 min Scan# 2287  
 Delta R.T. -0.000 min  
 Lab File: VN075989.D  
 Acq: 28 Dec 2022 10:37

Tgt Ion:225 Resp: 92119  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 31.5 94.5  
 227 62.6 31.6 95.0

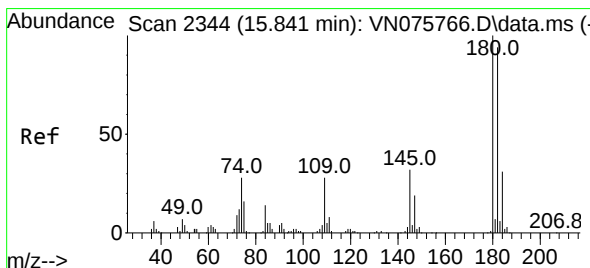
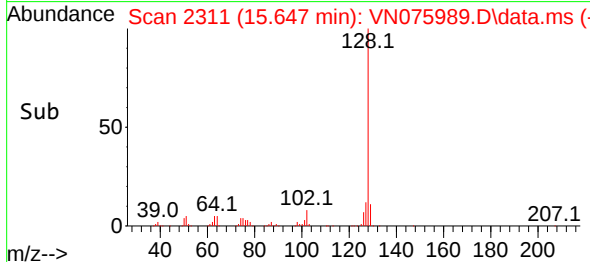
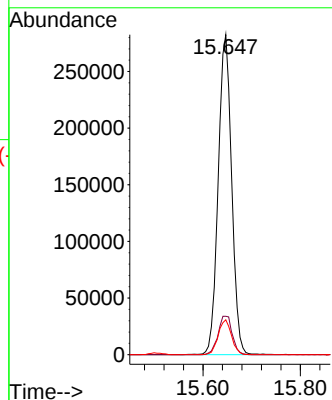
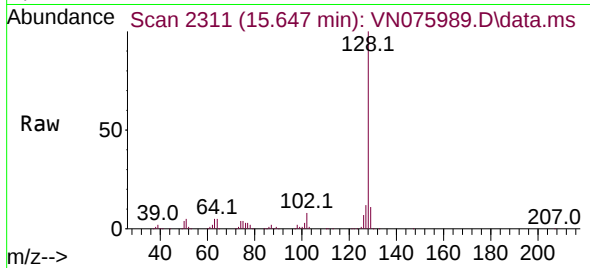




#95  
Naphthalene  
Concen: 50.847 ug/l  
RT: 15.647 min Scan# 2310  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 541312  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 58.872 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN075989.D  
Acq: 28 Dec 2022 10:37

Tgt Ion:180 Resp: 177183  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.0 141.0  
145 33.1 16.0 47.9

