

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100121\  
 Data File : VN068796.D  
 Acq On : 1 Oct 2021 20:39  
 Operator : JC/MD  
 Sample : M3915-05MS 10X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE137-20210921MS

Quant Time: Oct 02 04:03:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 29 23:31:35 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 390094   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 685729   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 600304   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 273008   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 314903   | 57.937   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 115.880% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 250494   | 58.793   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 117.580% |      |
| 50) Toluene-d8              | 10.443 | 98    | 907644   | 58.298   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 116.600% |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 300319   | 55.513   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 111.020% |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 162308  | 37.990  | ug/l | 99   |
| 3) Chloromethane             | 2.301 | 50  | 167261  | 43.230  | ug/l | 96   |
| 4) Vinyl Chloride            | 2.443 | 62  | 340758  | 38.931  | ug/l | 97   |
| 5) Bromomethane              | 2.842 | 94  | 275909  | 43.791  | ug/l | 96   |
| 6) Chloroethane              | 3.011 | 64  | 301618  | 48.818  | ug/l | 96   |
| 7) Trichlorofluoromethane    | 3.373 | 101 | 312342  | 47.756  | ug/l | 99   |
| 8) Diethyl Ether             | 3.827 | 74  | 103477  | 43.484  | ug/l | 88   |
| 9) 1,1,2-Trichlorotrifluo... | 4.215 | 101 | 181309  | 42.383  | ug/l | 94   |
| 10) Methyl Iodide            | 4.425 | 142 | 164156  | 42.182  | ug/l | 94   |
| 11) Tert butyl alcohol       | 5.369 | 59  | 166623  | 228.633 | ug/l | 100  |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 153425  | 41.858  | ug/l | 84   |
| 13) Acrolein                 | 4.044 | 56  | 31152   | 282.541 | ug/l | 99   |
| 14) Allyl chloride           | 4.846 | 41  | 244719  | 42.820  | ug/l | # 87 |
| 15) Acrylonitrile            | 5.551 | 53  | 466036  | 227.338 | ug/l | 99   |
| 16) Acetone                  | 4.283 | 43  | 387757  | 210.802 | ug/l | 94   |
| 17) Carbon Disulfide         | 4.532 | 76  | 296808  | 41.664  | ug/l | 98   |
| 18) Methyl Acetate           | 4.854 | 43  | 289352  | 44.153  | ug/l | # 91 |
| 19) Methyl tert-butyl Ether  | 5.615 | 73  | 651765  | 44.795  | ug/l | 99   |
| 20) Methylene Chloride       | 5.101 | 84  | 191908  | 40.667  | ug/l | 91   |
| 21) trans-1,2-Dichloroethene | 5.599 | 96  | 169608  | 41.175  | ug/l | 87   |
| 22) Diisopropyl ether        | 6.495 | 45  | 633608  | 46.877  | ug/l | # 93 |
| 23) Vinyl Acetate            | 6.433 | 43  | 2472762 | 231.497 | ug/l | # 94 |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 358854  | 43.855  | ug/l | 98   |
| 25) 2-Butanone               | 7.332 | 43  | 667934  | 218.930 | ug/l | 92   |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 297311  | 38.440  | ug/l | 93   |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 236182  | 44.575  | ug/l | 83   |
| 28) Bromochloromethane       | 7.659 | 49  | 182976  | 49.245  | ug/l | # 74 |
| 29) Tetrahydrofuran          | 7.683 | 42  | 442029  | 234.603 | ug/l | 89   |
| 30) Chloroform               | 7.817 | 83  | 437249  | 45.400  | ug/l | 98   |
| 31) Cyclohexane              | 8.096 | 56  | 275103  | 43.651  | ug/l | # 86 |
| 32) 1,1,1-Trichloroethane    | 8.018 | 97  | 392476  | 45.749  | ug/l | 97   |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 274506  | 42.563  | ug/l | 97   |
| 37) Ethyl Acetate            | 7.410 | 43  | 277248  | 45.304  | ug/l | 100  |
| 38) Carbon Tetrachloride     | 8.209 | 117 | 340694  | 44.470  | ug/l | 98   |
| 39) Methylcyclohexane        | 9.461 | 83  | 303390  | 40.587  | ug/l | 90   |
| 40) Benzene                  | 8.461 | 78  | 867021  | 44.157  | ug/l | 99   |

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 ALS Vial : 22 Sample Multiplier: 1

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 ClientSampleId :  
 RE137-20210921MS

Quant Time: Oct 02 04:03:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 29 23:31:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 136112   | 46.778  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 339109   | 43.990  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 501076   | 44.508  | ug/l   | 97       |
| 44) Trichloroethene           | 9.217  | 130  | 1146145  | 218.655 | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 226233   | 44.654  | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 173574   | 44.659  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.764  | 83   | 358433   | 45.860  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 213112   | 45.095  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 70869    | 928.292 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 1572715  | 231.046 | ug/l   | 97       |
| 52) Toluene                   | 10.507 | 92   | 567954   | 43.414  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 346133   | 43.748  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 355397   | 42.689  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 245468   | 44.131  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 344742   | 40.320  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 392027   | 45.008  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.054 | 63   | 149      | 3.352   | ug/l # | 50       |
| 59) 2-Hexanone                | 11.087 | 43   | 1067351  | 227.584 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.240 | 129  | 274986   | 46.869  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 240165   | 44.022  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.979 | 164  | 192736   | 43.012  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.771 | 112  | 596846   | 43.612  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 255285   | 48.271  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 1111010  | 46.127  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.953 | 106  | 824239   | 92.337  | ug/l   | 88       |
| 69) o-Xylene                  | 12.283 | 106  | 409240   | 46.403  | ug/l   | 88       |
| 70) Styrene                   | 12.294 | 104  | 661479   | 47.169  | ug/l   | 93       |
| 71) Bromoform                 | 12.460 | 173  | 179457   | 48.067  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.581 | 105  | 1094022  | 44.779  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.387 | 43   | 378700   | 48.214  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 332280   | 44.766  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 404755   | 66.666  | ug/l # | 100      |
| 77) Bromobenzene              | 12.859 | 156  | 242421   | 43.862  | ug/l   | 76       |
| 78) n-propylbenzene           | 12.921 | 91   | 1228513  | 44.486  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 728446   | 45.667  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 903318   | 46.561  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 90511    | 43.337  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 711096   | 44.357  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.323 | 119  | 801863   | 46.831  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 882401   | 46.347  | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1112863  | 45.014  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 902440   | 45.954  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 448222   | 43.487  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 437414   | 42.639  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.943 | 91   | 734859   | 42.333  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.211 | 117  | 182986   | 45.808  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 439293   | 44.265  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 59705    | 46.519  | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 185925   | 41.290  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 99839    | 39.337  | ug/l   | 100      |
| 95) Naphthalene               | 15.507 | 128  | 491166   | 38.507  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 182730   | 42.317  | ug/l   | 97       |

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Quant Title : SW846 8260  
QLast Update : Wed Sep 29 23:31:35 2021  
Response via : Initial Calibration

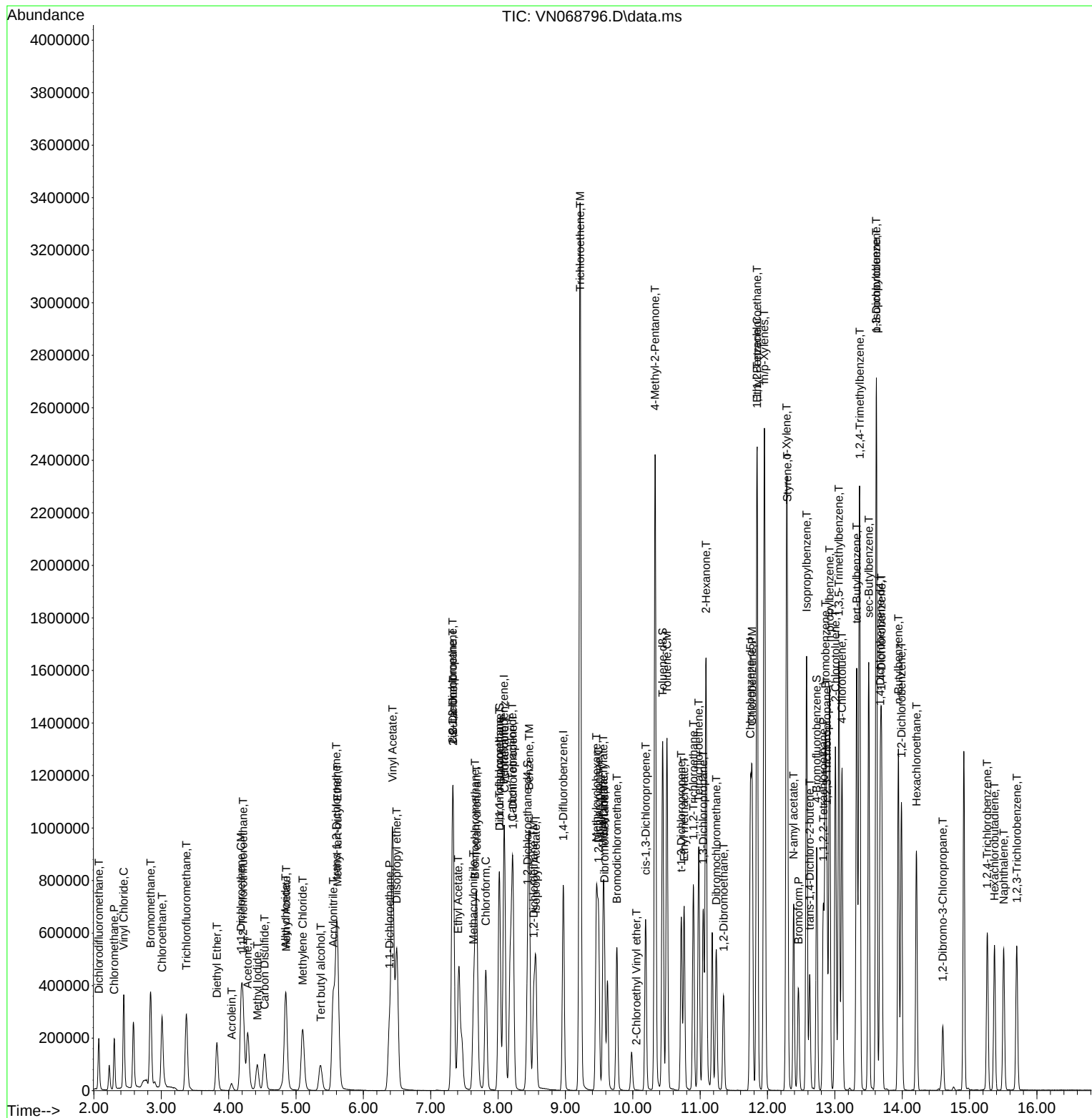
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

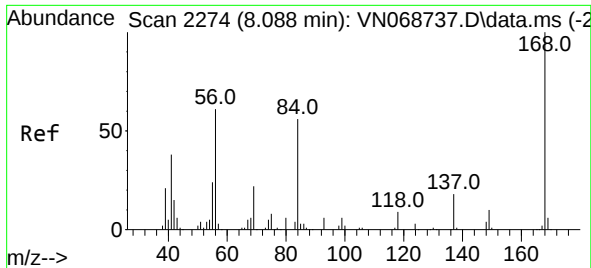
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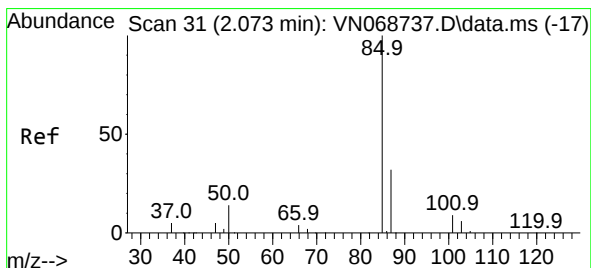
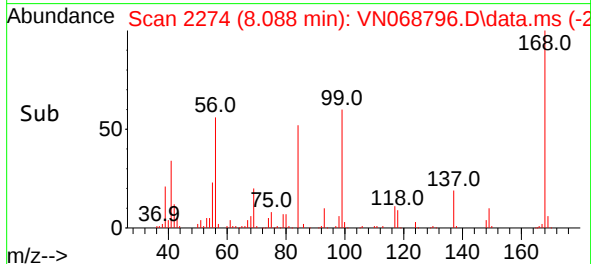
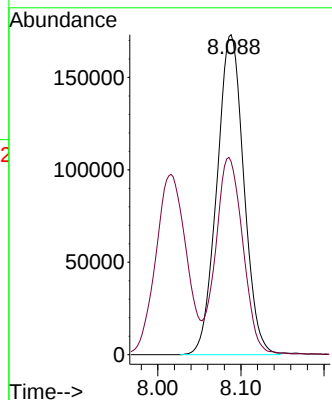
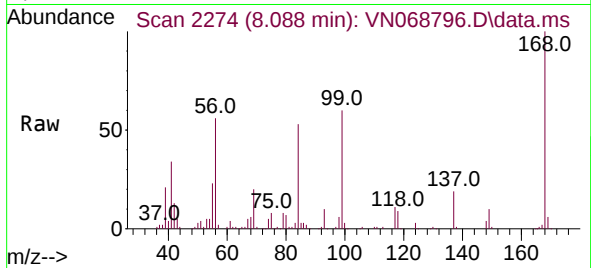




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

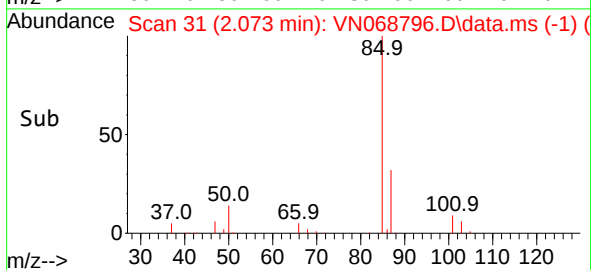
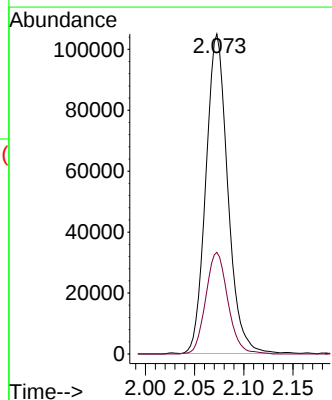
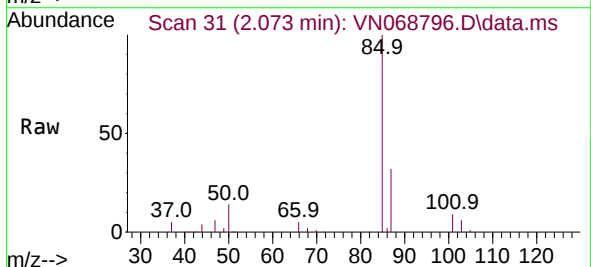
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

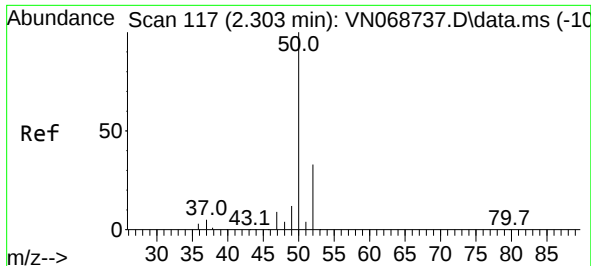
Tgt Ion:168 Resp: 390094  
Ion Ratio Lower Upper  
168 100  
99 59.9 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 37.990 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 85 Resp: 162308  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.1 48.2

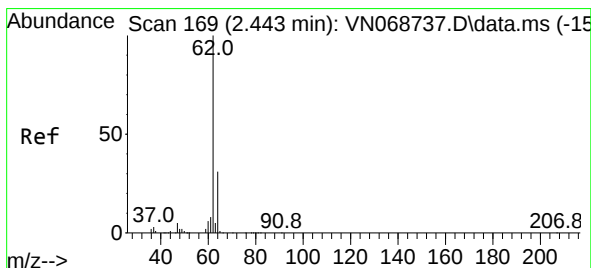
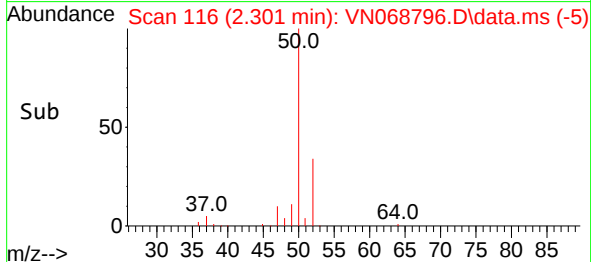
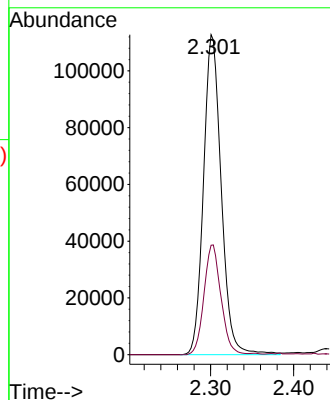
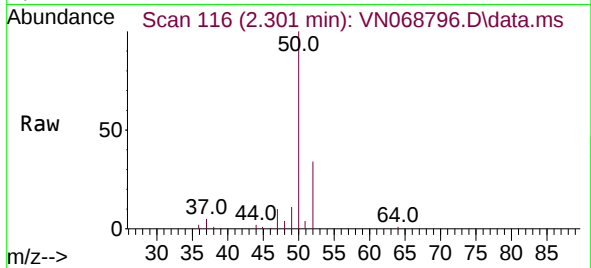




#3  
Chloromethane  
Concen: 43.230 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

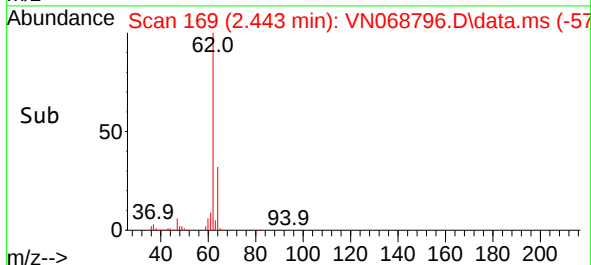
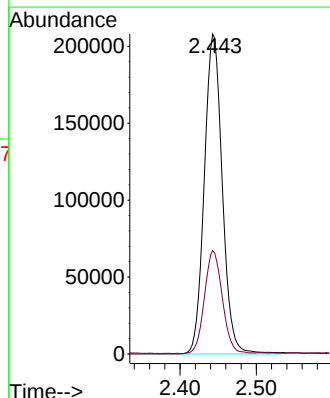
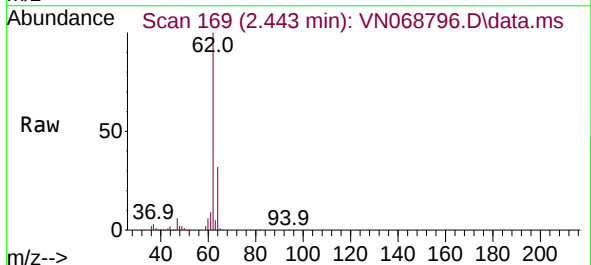
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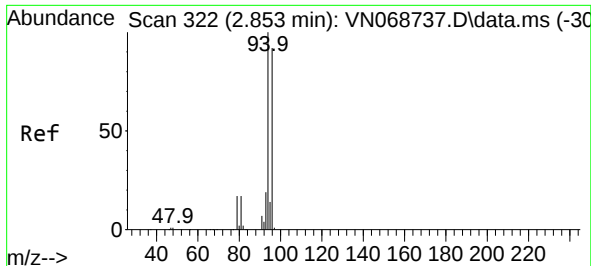
Tgt Ion: 50 Resp: 167261  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.6 38.4



#4  
Vinyl Chloride  
Concen: 38.931 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 62 Resp: 340758  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.4 36.6

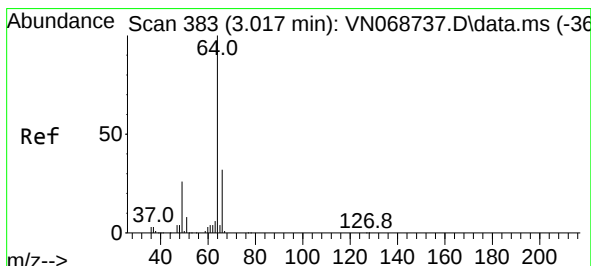
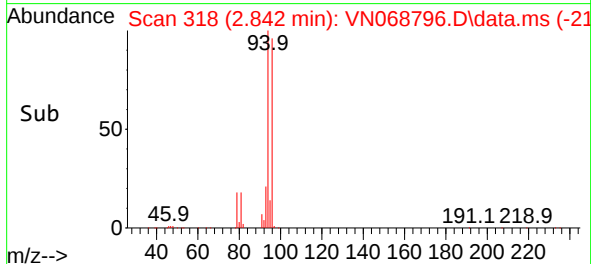
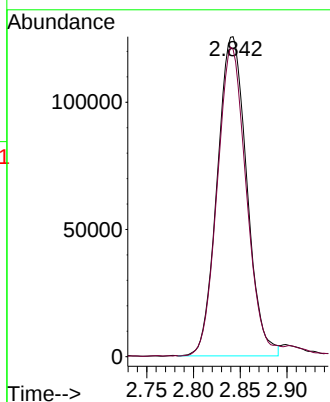
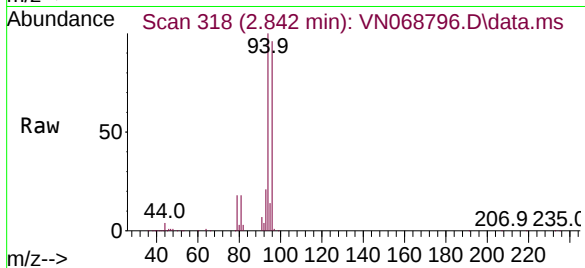




#5  
Bromomethane  
Concen: 43.791 ug/l  
RT: 2.842 min Scan# 318  
Delta R.T. -0.011 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

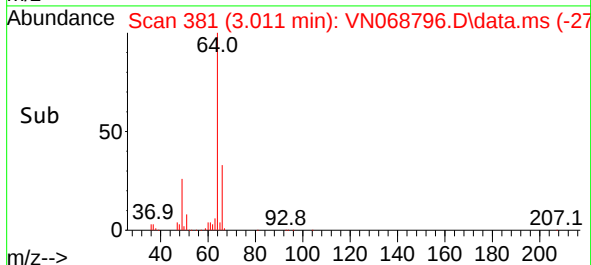
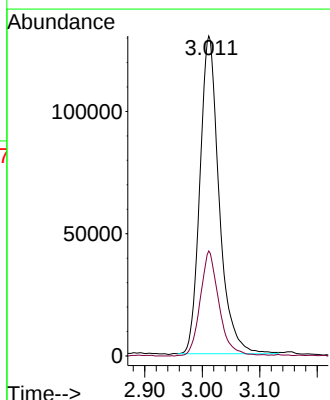
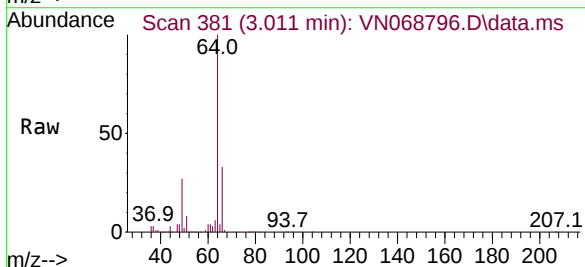
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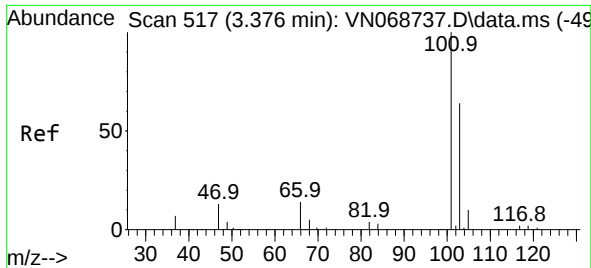
Tgt Ion: 94 Resp: 275909  
Ion Ratio Lower Upper  
94 100  
96 96.0 73.7 110.5



#6  
Chloroethane  
Concen: 48.818 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 64 Resp: 301618  
Ion Ratio Lower Upper  
64 100  
66 32.8 24.7 37.1

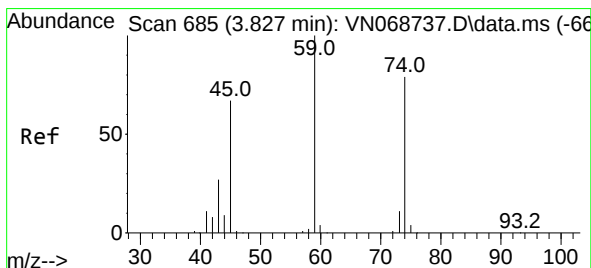
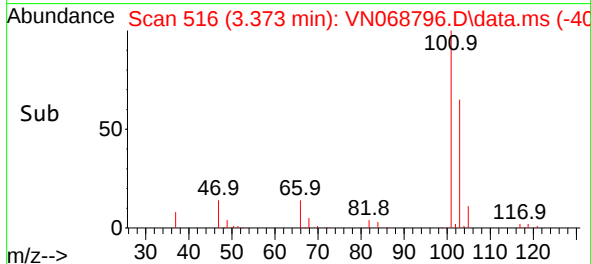
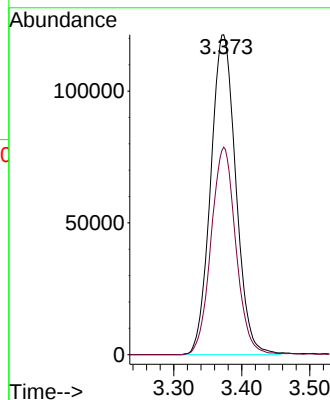
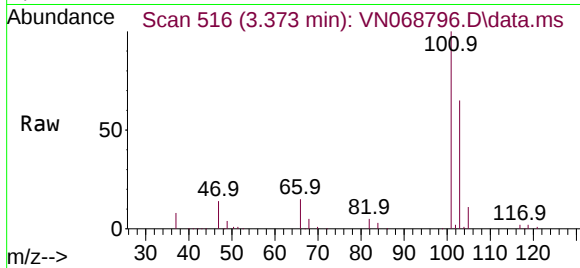




#7  
 Trichlorofluoromethane  
 Concen: 47.756 ug/l  
 RT: 3.373 min Scan# 516  
 Delta R.T. -0.003 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

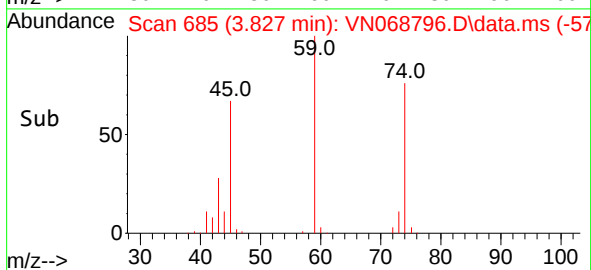
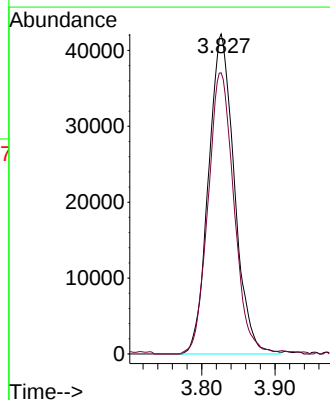
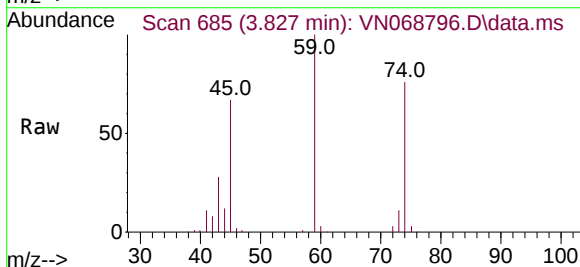
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE137-20210921MS

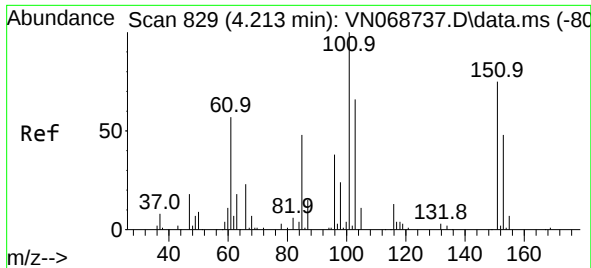
Tgt Ion:101 Resp: 312342  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.2 76.8



#8  
 Diethyl Ether  
 Concen: 43.484 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. -0.000 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

Tgt Ion: 74 Resp: 103477  
 Ion Ratio Lower Upper  
 74 100  
 45 88.0 50.2 150.7

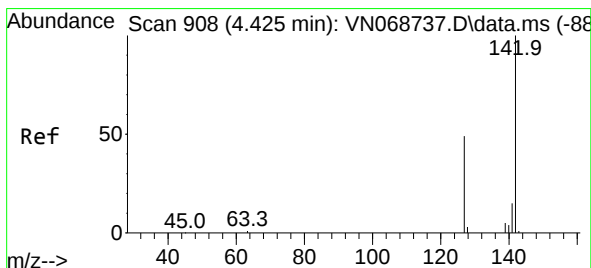
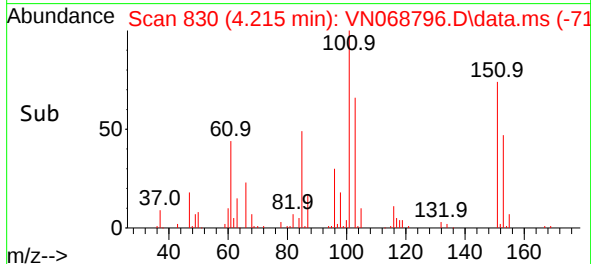
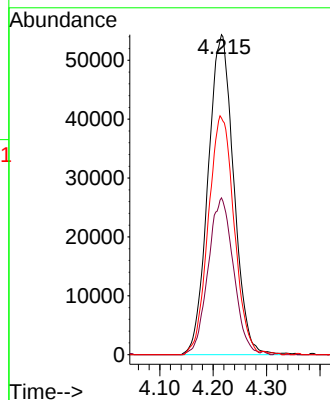
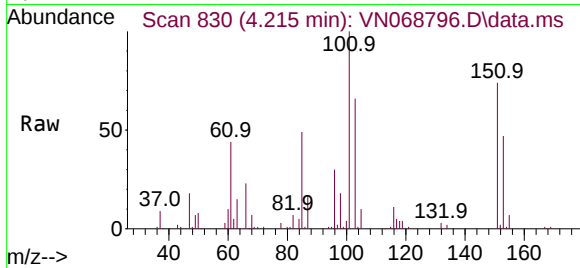




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.383 ug/l  
RT: 4.215 min Scan# 830  
Delta R.T. 0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

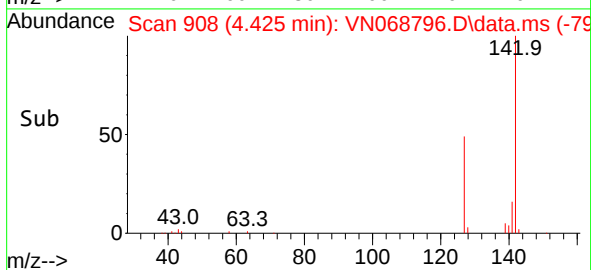
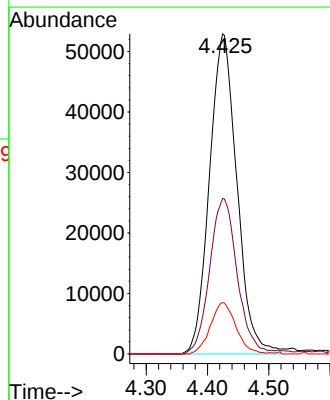
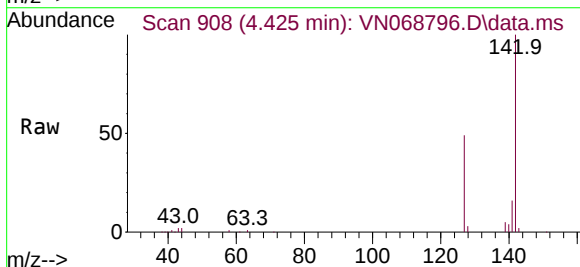
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

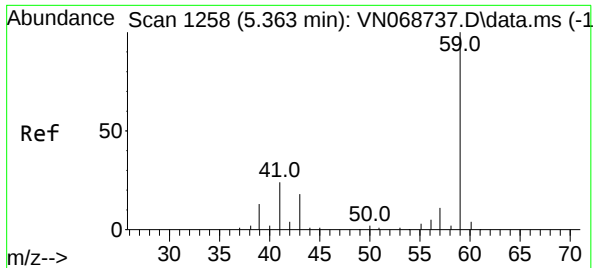
Tgt Ion:101 Resp: 181309  
Ion Ratio Lower Upper  
101 100  
85 48.3 39.6 59.4  
151 74.9 54.1 81.1



#10  
Methyl Iodide  
Concen: 42.182 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:142 Resp: 164156  
Ion Ratio Lower Upper  
142 100  
127 48.6 43.1 64.7  
141 15.0 11.4 17.0

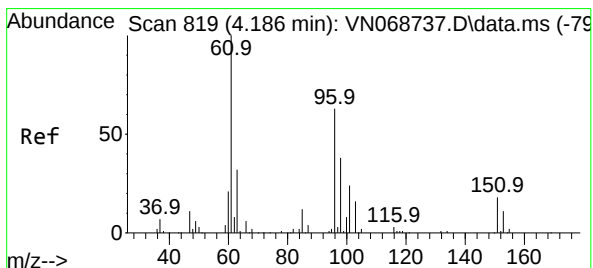
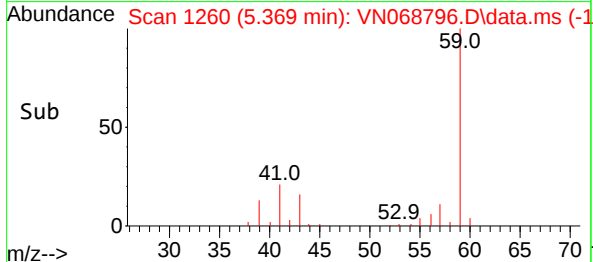
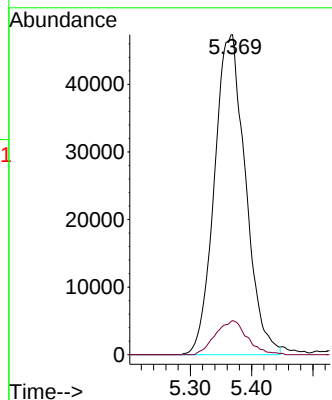
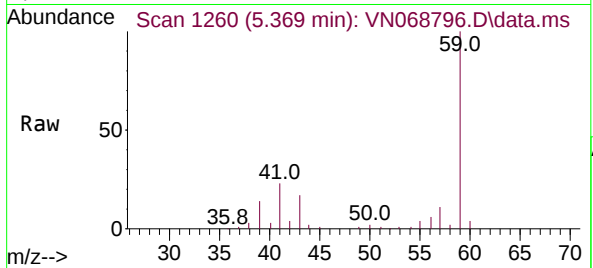




#11  
Tert butyl alcohol  
Concen: 228.633 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.006 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

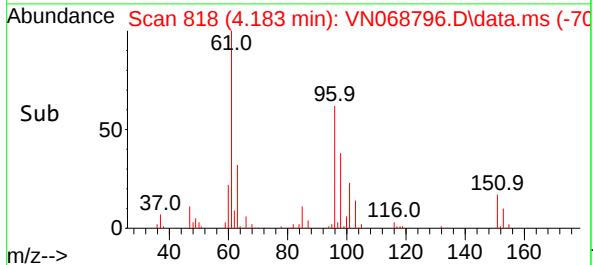
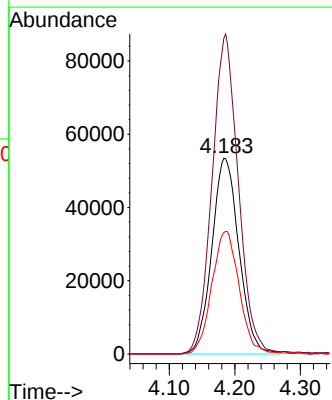
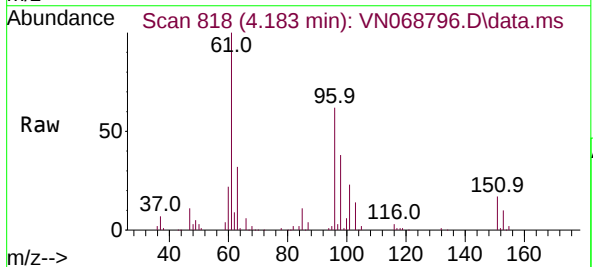
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

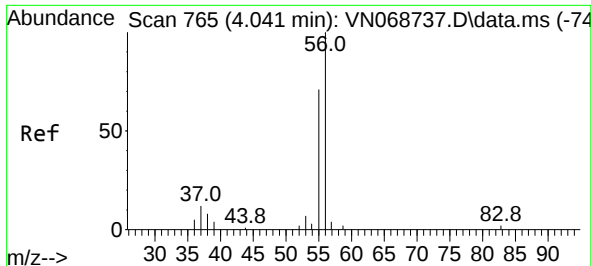
Tgt Ion: 59 Resp: 166623  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 41.858 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

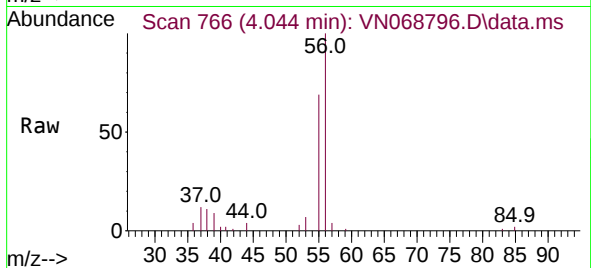
Tgt Ion: 96 Resp: 153425  
Ion Ratio Lower Upper  
96 100  
61 161.2 152.6 229.0  
98 62.0 50.9 76.3



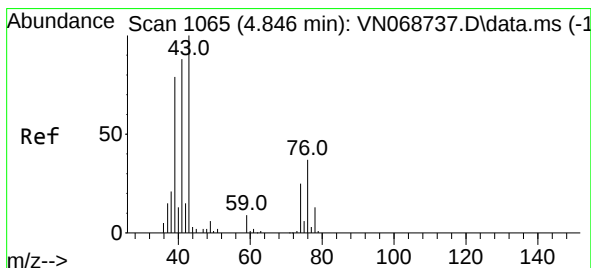
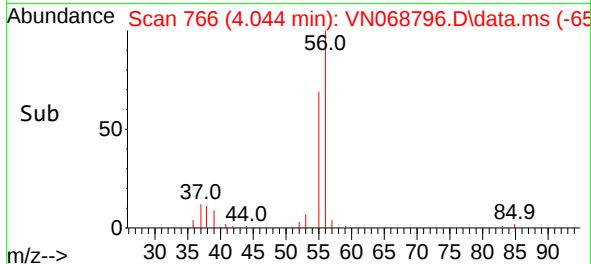
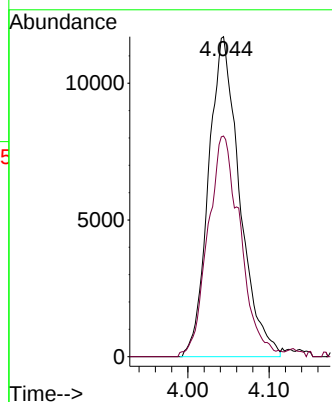


#13  
Acrolein  
Concen: 282.541 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

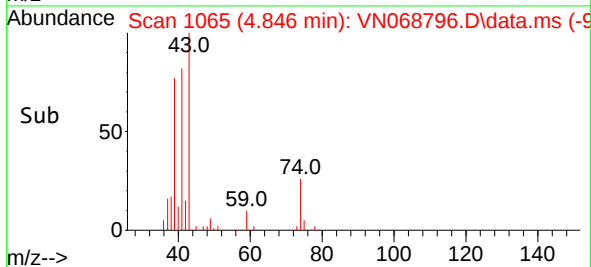
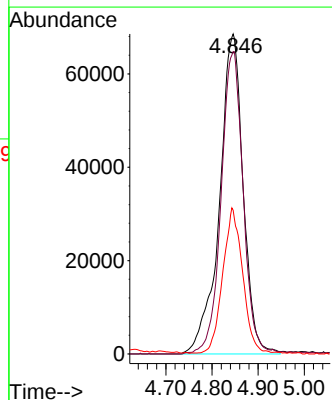
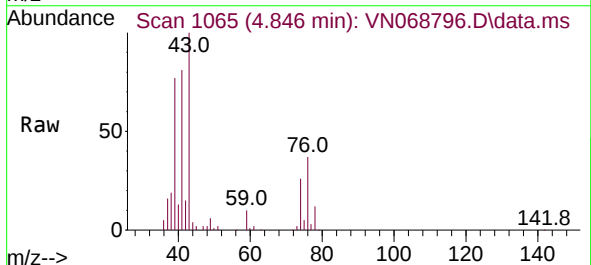


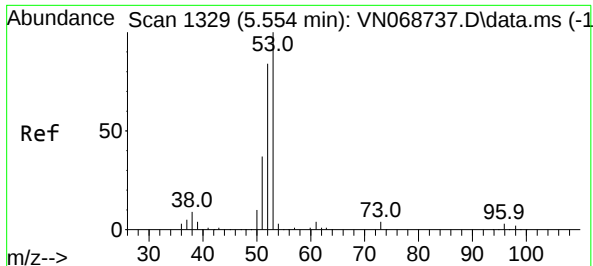
Tgt Ion: 56 Resp: 31152  
Ion Ratio Lower Upper  
56 100  
55 72.2 57.4 86.0



#14  
Allyl chloride  
Concen: 42.820 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 41 Resp: 244719  
Ion Ratio Lower Upper  
41 100  
39 87.5 60.9 91.3  
76 37.6 24.3 36.5#

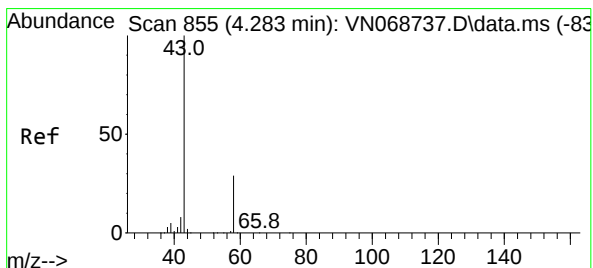
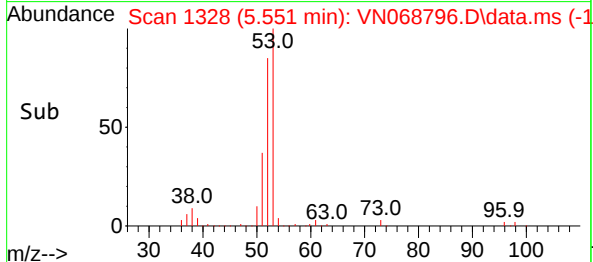
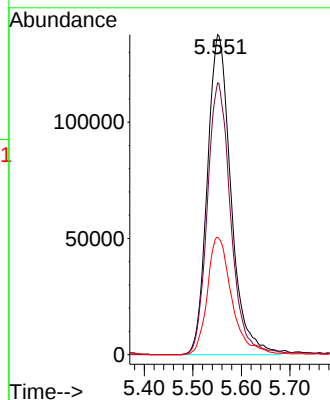
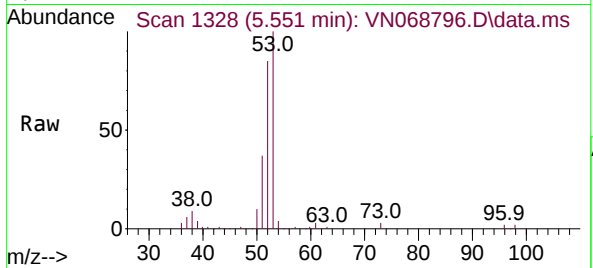




#15  
Acrylonitrile  
Concen: 227.338 ug/l  
RT: 5.551 min Scan# 1328  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

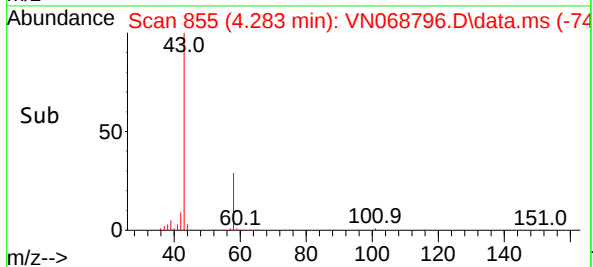
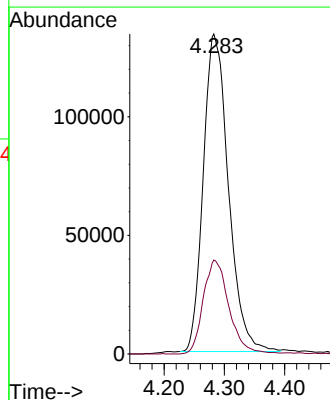
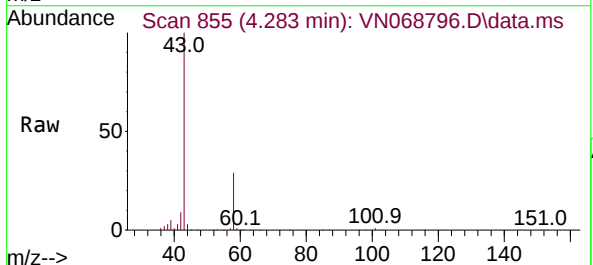
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

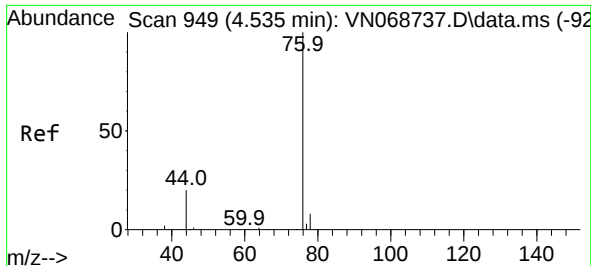
Tgt Ion: 53 Resp: 466036  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.2 99.2  
51 38.0 30.2 45.4



#16  
Acetone  
Concen: 210.802 ug/l  
RT: 4.283 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 43 Resp: 387757  
Ion Ratio Lower Upper  
43 100  
58 29.6 21.2 31.8

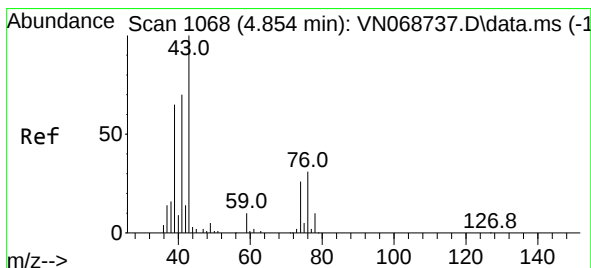
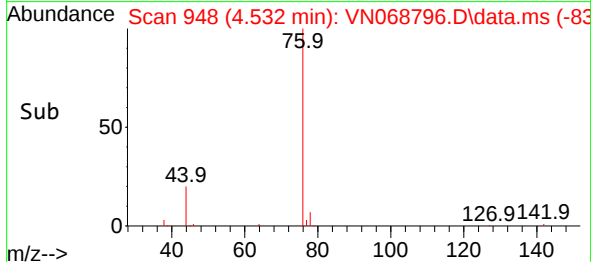
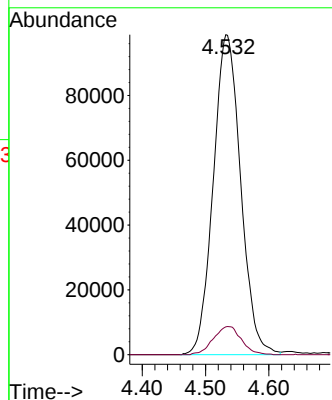
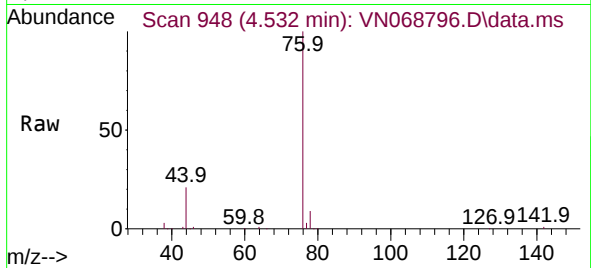




#17  
Carbon Disulfide  
Concen: 41.664 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

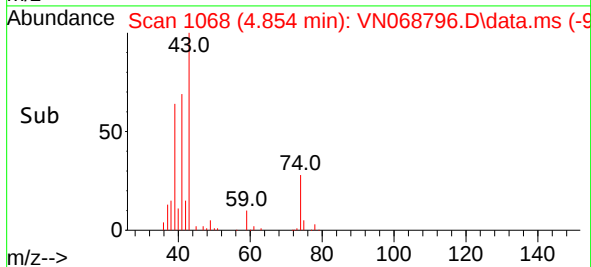
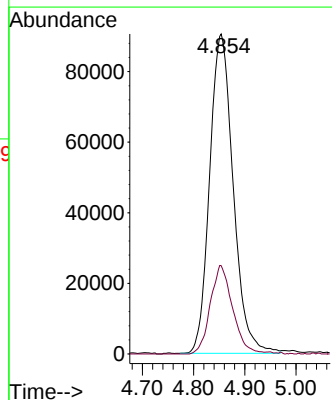
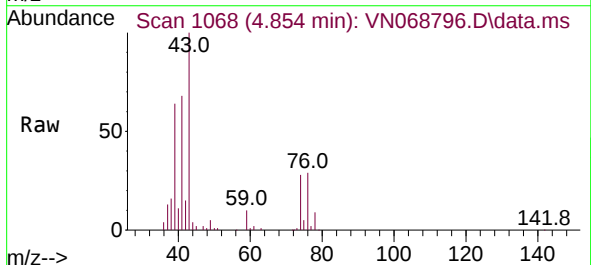
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

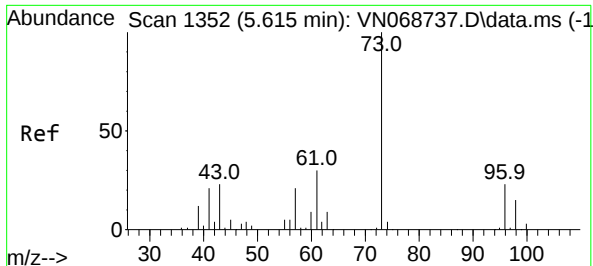
Tgt Ion: 76 Resp: 296808  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.7 11.5



#18  
Methyl Acetate  
Concen: 44.153 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 43 Resp: 289352  
Ion Ratio Lower Upper  
43 100  
74 26.1 17.4 26.0#



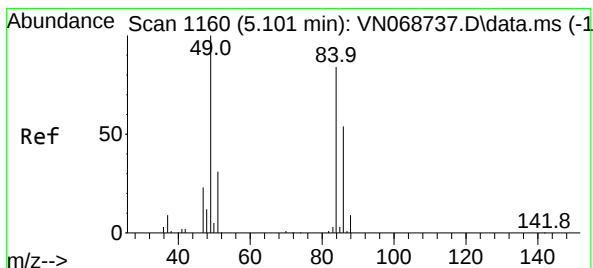
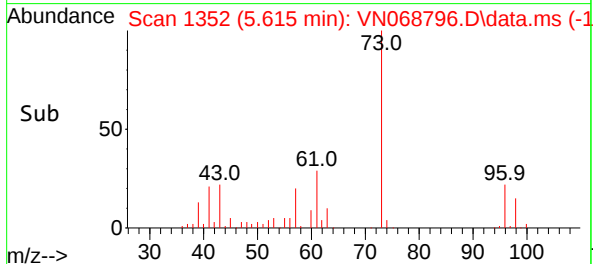
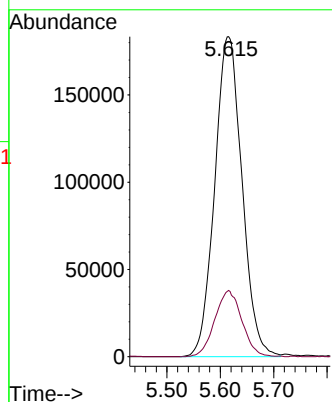
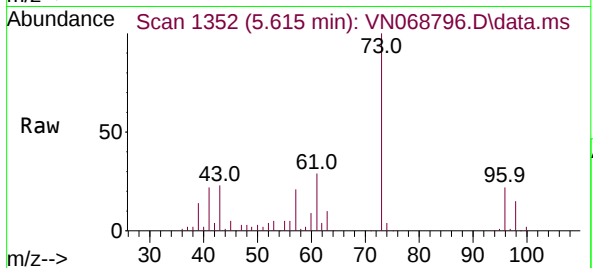


#19

Methyl tert-butyl Ether  
Concen: 44.795 ug/l  
RT: 5.615 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

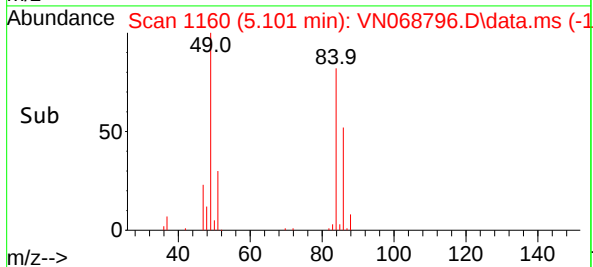
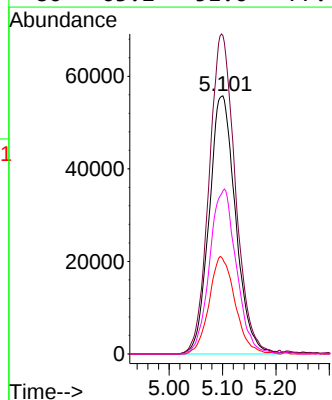
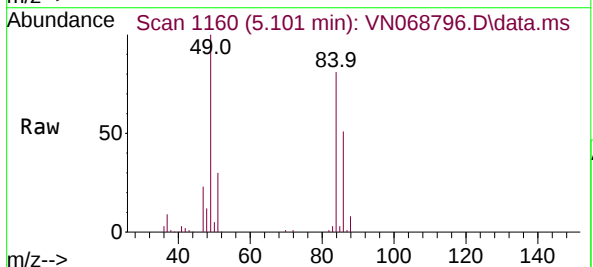
Tgt Ion: 73 Resp: 651765  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.0 25.6

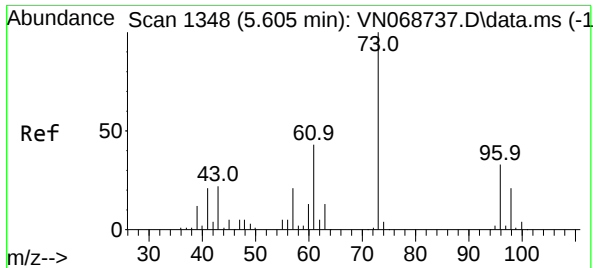


#20

Methylene Chloride  
Concen: 40.667 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 84 Resp: 191908  
Ion Ratio Lower Upper  
84 100  
49 123.4 110.9 166.3  
51 36.6 32.6 49.0  
86 63.2 51.6 77.4

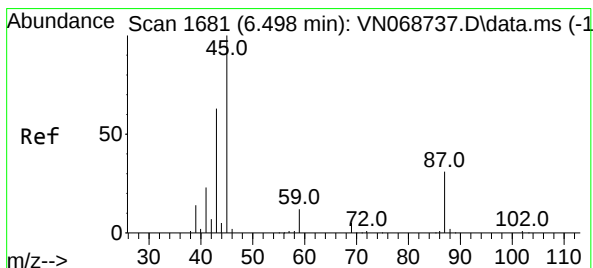
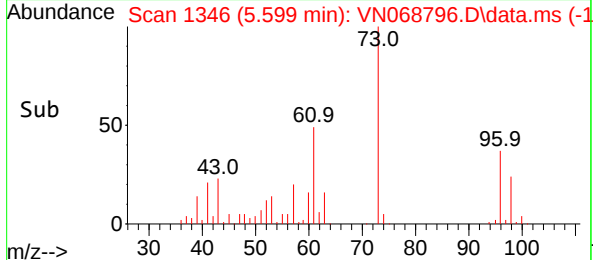
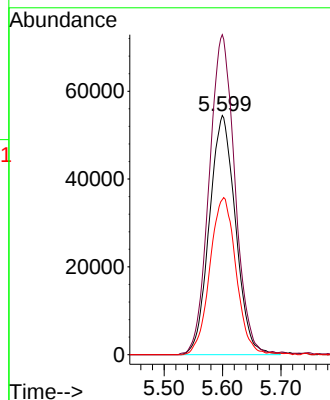
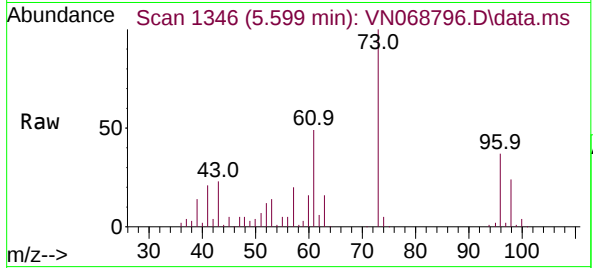




#21  
trans-1,2-Dichloroethene  
Concen: 41.175 ug/l  
RT: 5.599 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

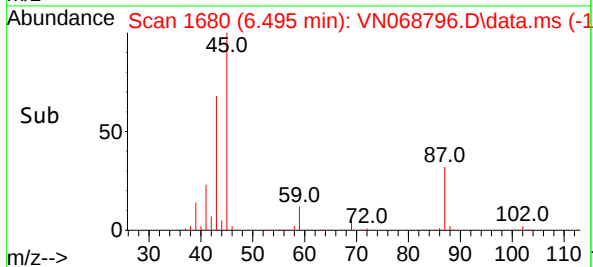
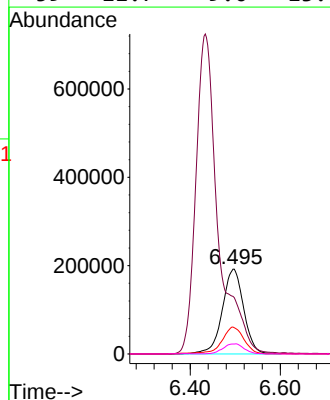
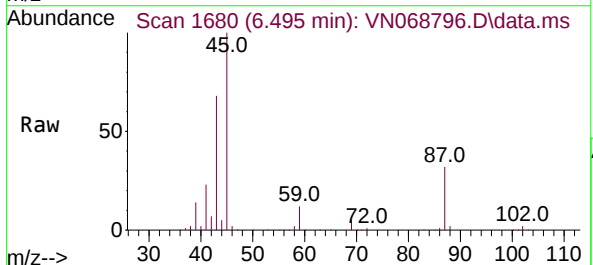
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

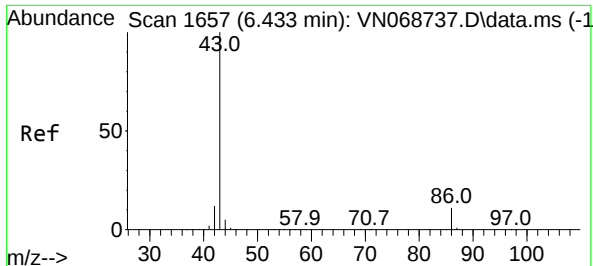
Tgt Ion: 96 Resp: 169608  
Ion Ratio Lower Upper  
96 100  
61 133.3 123.5 185.3  
98 64.8 48.6 72.8



#22  
Diisopropyl ether  
Concen: 46.877 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 45 Resp: 633608  
Ion Ratio Lower Upper  
45 100  
43 66.6 49.4 74.2  
87 31.5 20.9 31.3#  
59 11.7 9.0 13.4

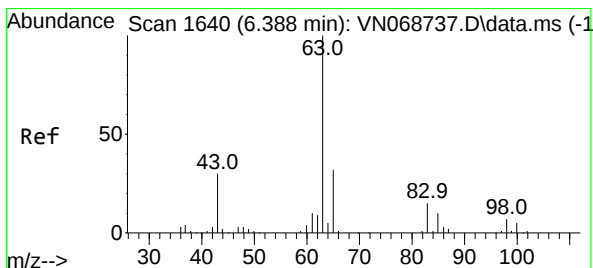
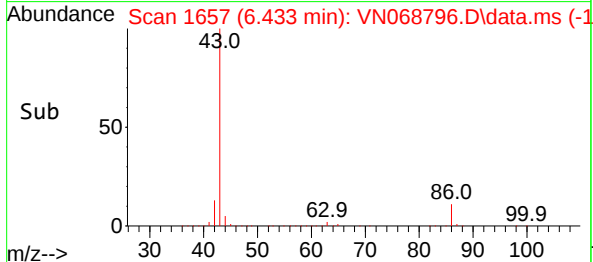
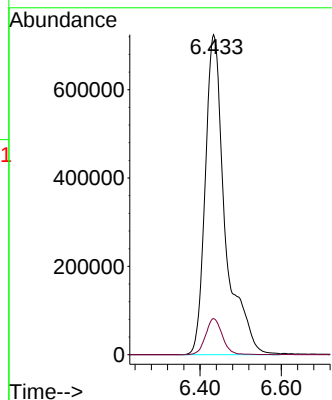
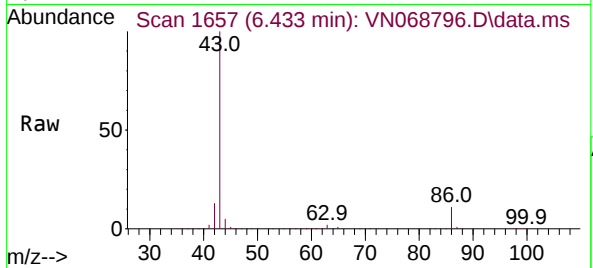




#23  
 Vinyl Acetate  
 Concen: 231.497 ug/l  
 RT: 6.433 min Scan# 1657  
 Delta R.T. 0.000 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

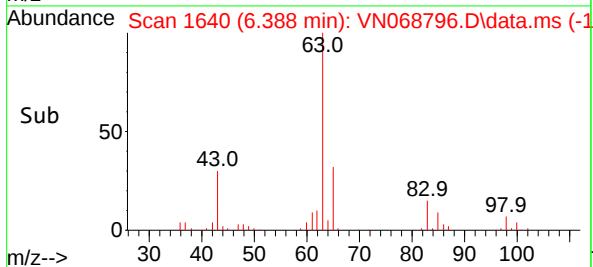
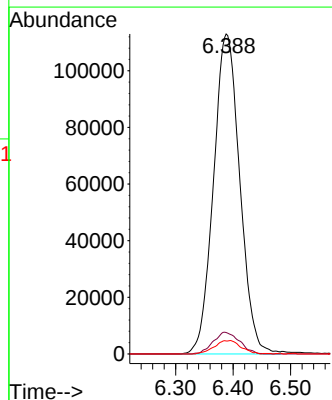
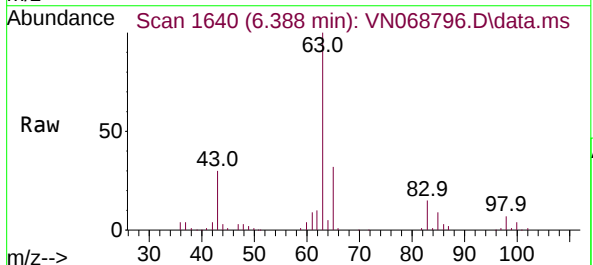
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE137-20210921MS

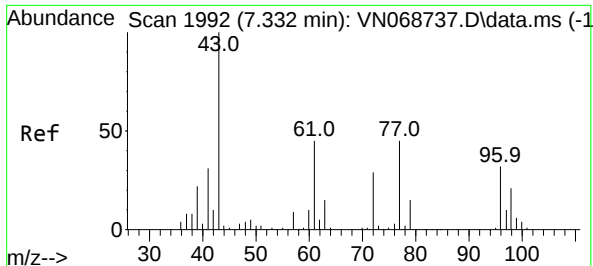
Tgt Ion: 43 Resp: 2472762  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 43.855 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. -0.000 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

Tgt Ion: 63 Resp: 358854  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.0 9.0  
 100 4.0 1.9 5.7

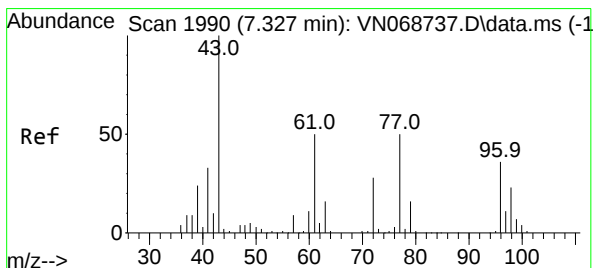
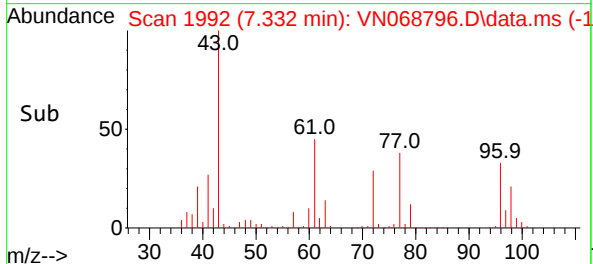
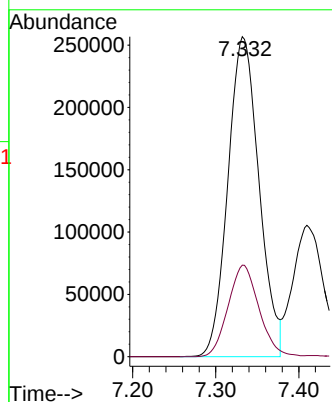
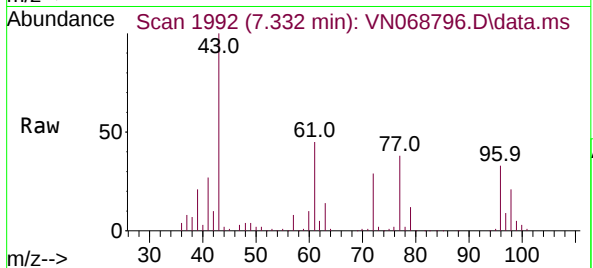




#25  
2-Butanone  
Concen: 218.930 ug/l  
RT: 7.332 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

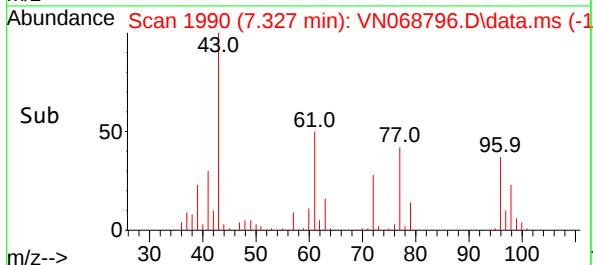
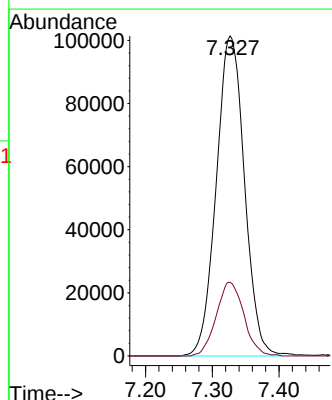
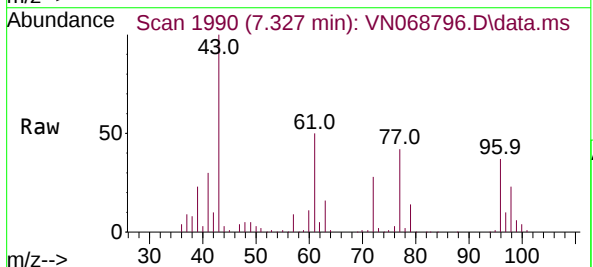
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

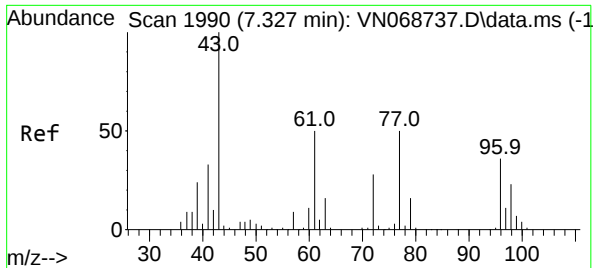
Tgt Ion: 43 Resp: 667934  
Ion Ratio Lower Upper  
43 100  
72 28.6 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 38.440 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 77 Resp: 297311  
Ion Ratio Lower Upper  
77 100  
97 22.6 9.8 29.3



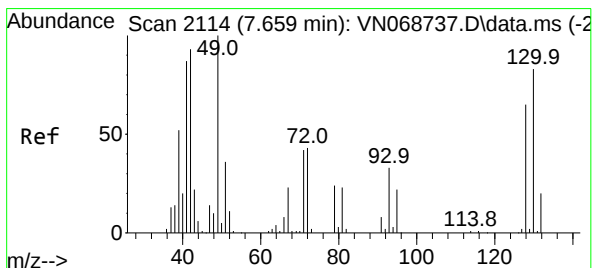
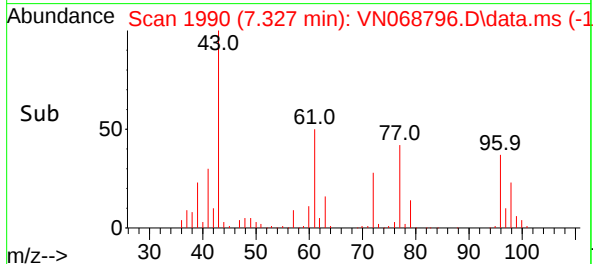
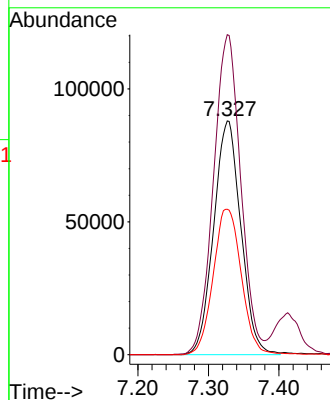
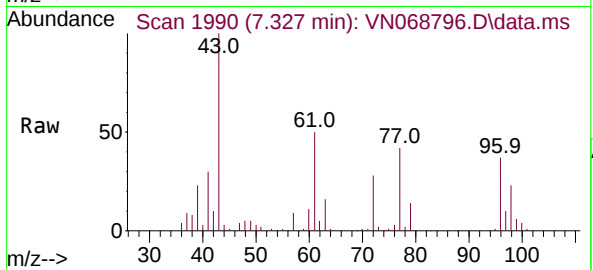


#27

cis-1,2-Dichloroethene  
Concen: 44.575 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

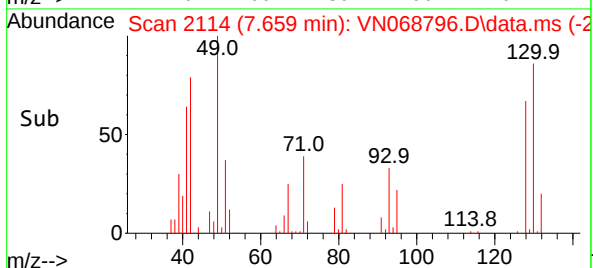
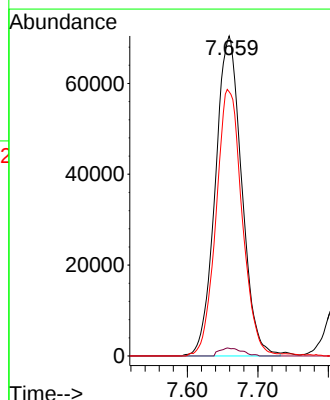
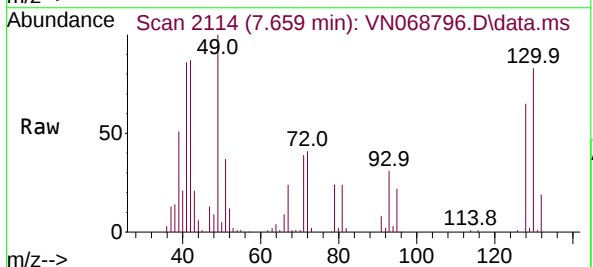
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 236182 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 137.5 | 0.0   | 338.8  |
| 98       | 64.3  | 0.0   | 129.8  |

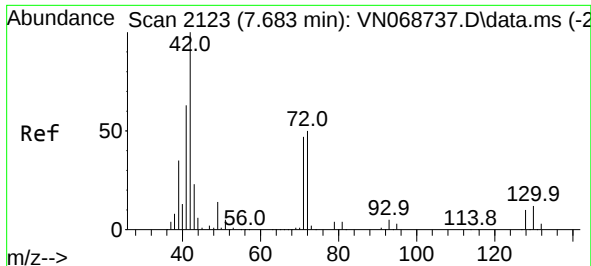


#28

Bromochloromethane  
Concen: 49.245 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 182976 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.1   | 0.0   | 3.8    |
| 130      | 82.6  | 49.7  | 74.5#  |





#29

Tetrahydrofuran

Concen: 234.603 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

Tgt Ion: 42 Resp: 442029

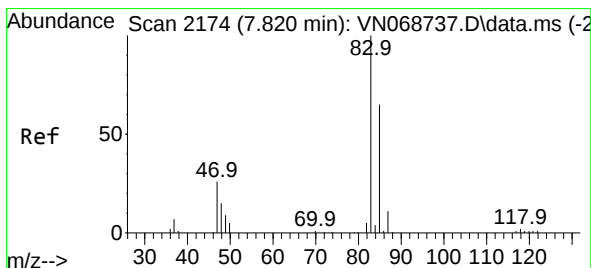
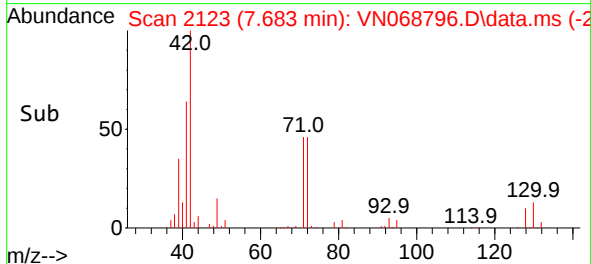
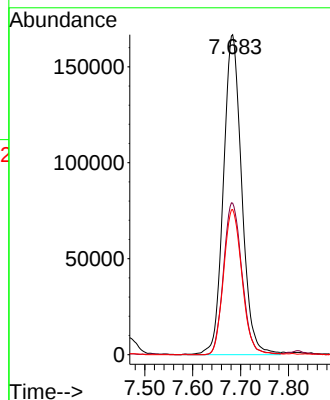
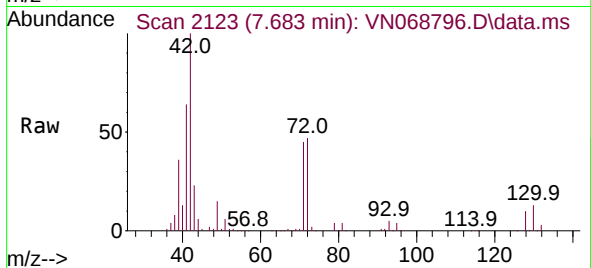
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 47.9  | 32.8  | 49.2  |
| 71  | 45.2  | 31.2  | 46.8  |

Instrument :

MSVOA\_N

ClientSampleId :

RE137-20210921MS



#30

Chloroform

Concen: 45.400 ug/l

RT: 7.817 min Scan# 2173

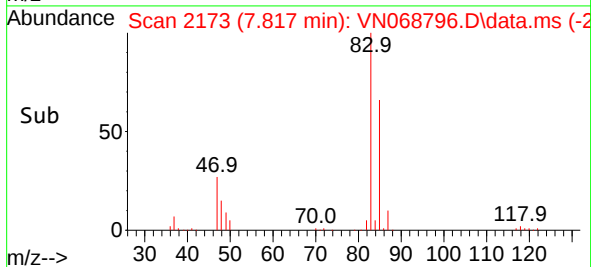
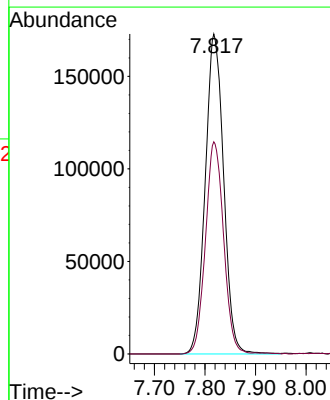
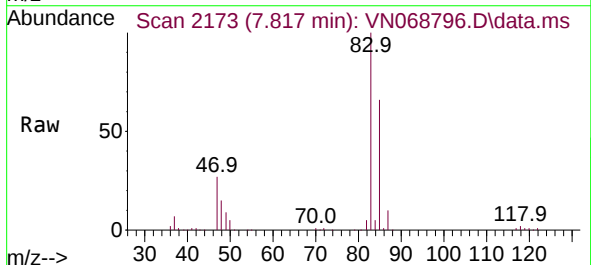
Delta R.T. -0.003 min

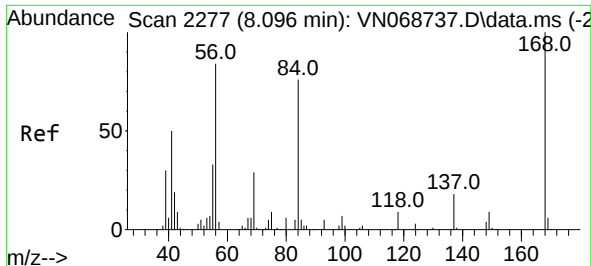
Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

Tgt Ion: 83 Resp: 437249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.3  | 51.5  | 77.3  |

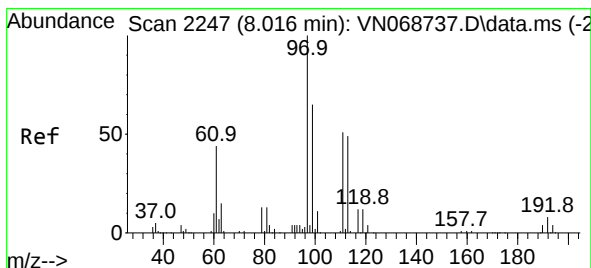
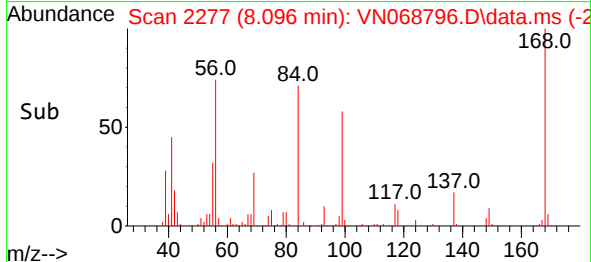
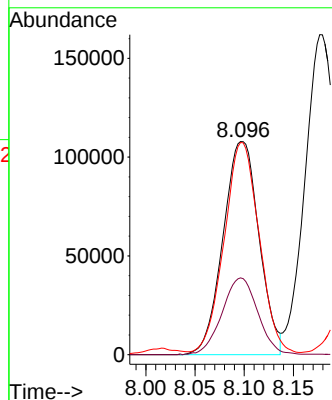
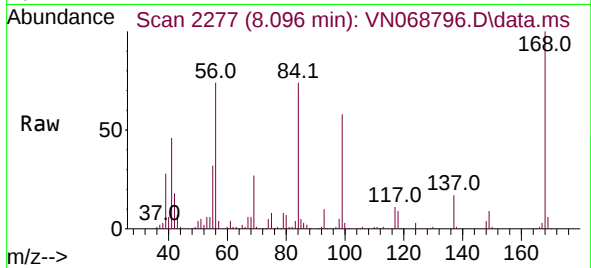




#31  
Cyclohexane  
Concen: 43.651 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

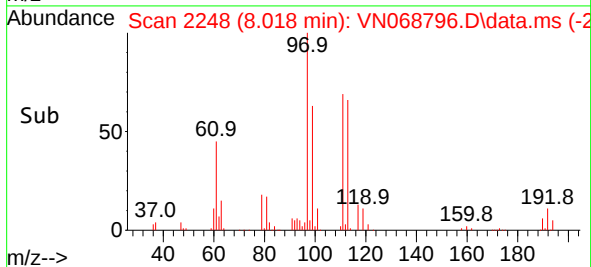
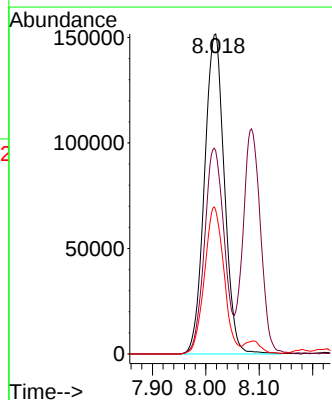
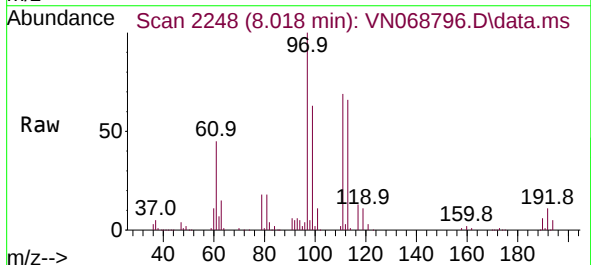
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

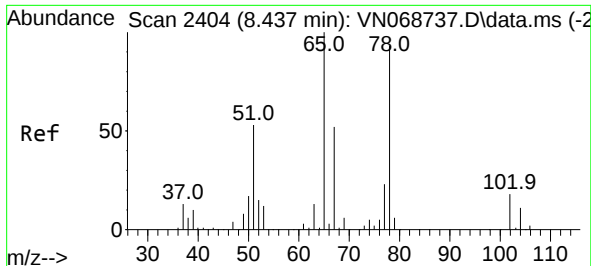
Tgt Ion: 56 Resp: 275103  
Ion Ratio Lower Upper  
56 100  
69 35.6 27.3 40.9  
84 97.8 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 45.749 ug/l  
RT: 8.018 min Scan# 2248  
Delta R.T. 0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 97 Resp: 392476  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.2 75.2  
61 44.8 38.2 57.2



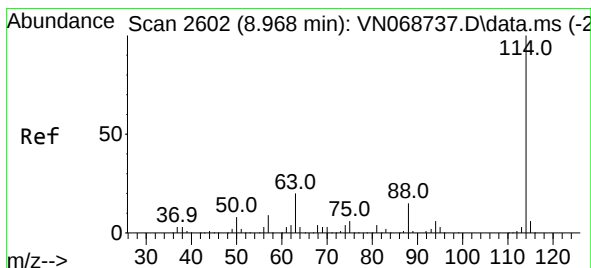
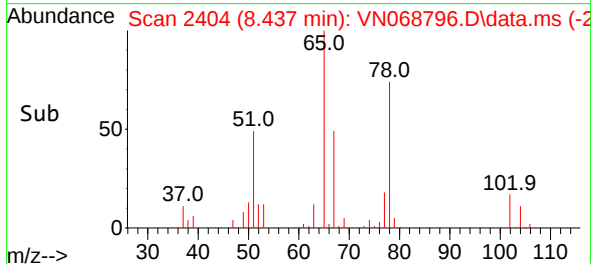
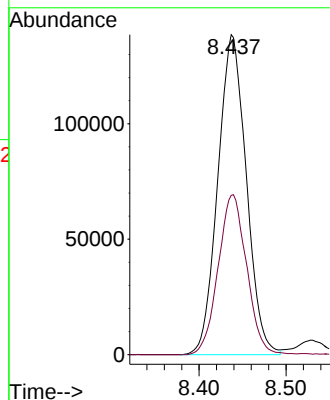
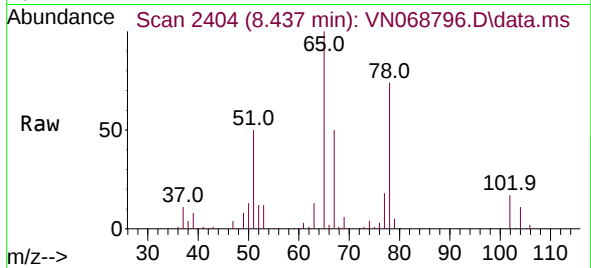


#33

1,2-Dichloroethane-d4  
Concen: 57.937 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

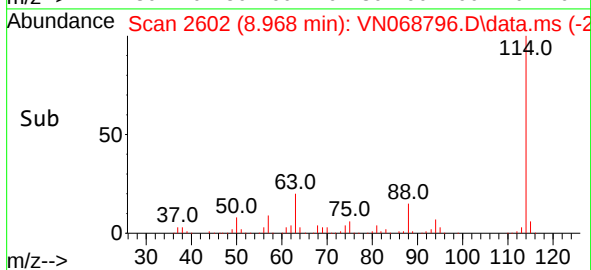
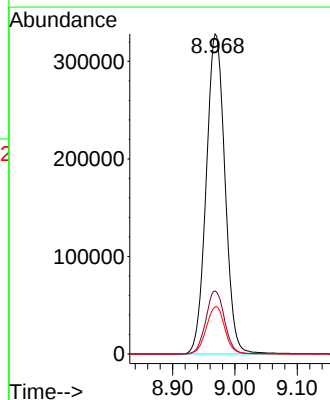
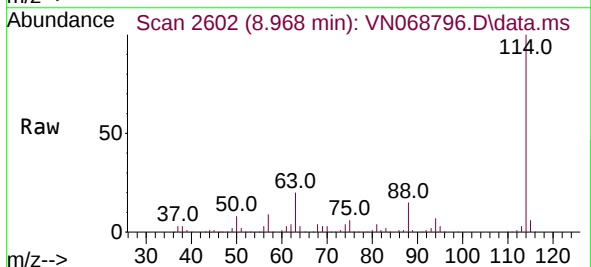
Tgt Ion: 65 Resp: 314903  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 98.6

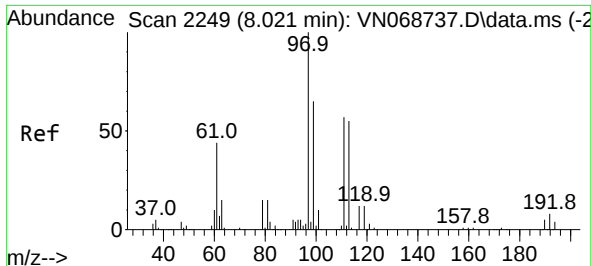


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 114 Resp: 685729  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 49.0  
88 14.7 0.0 36.6

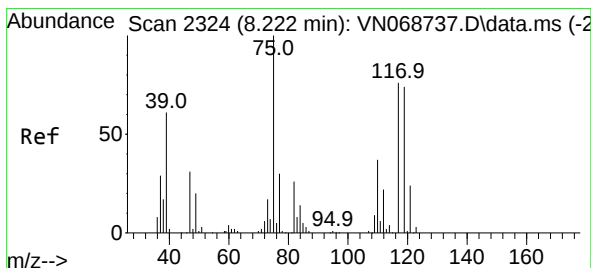
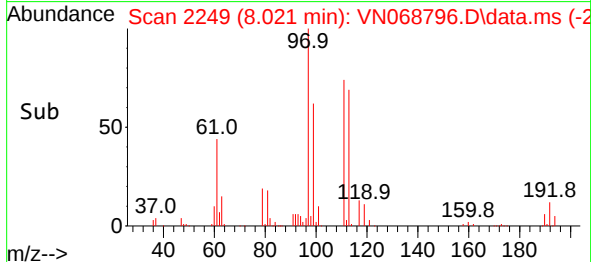
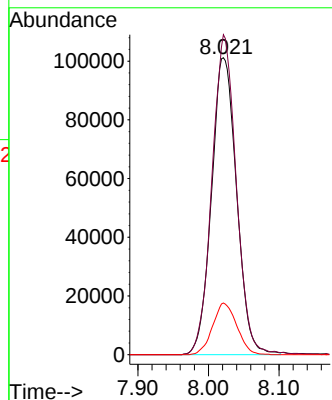
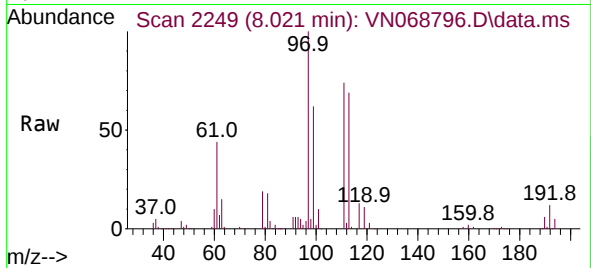




#35  
Dibromofluoromethane  
Concen: 58.793 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

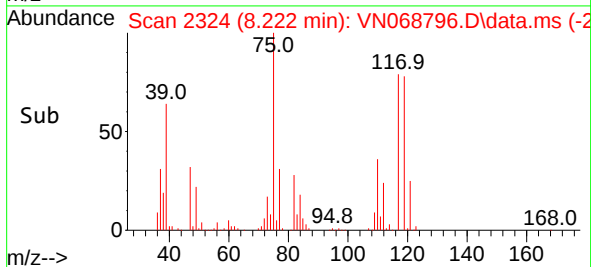
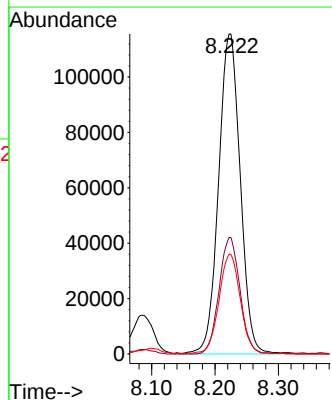
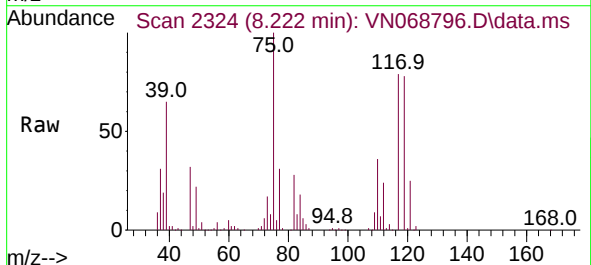
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

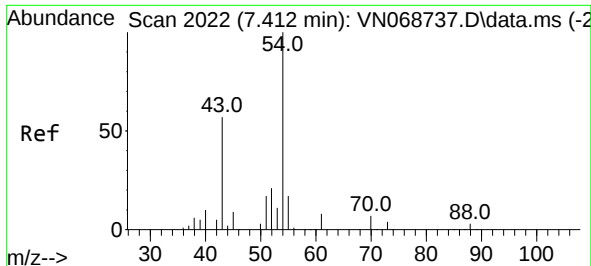
Tgt Ion:113 Resp: 250494  
Ion Ratio Lower Upper  
113 100  
111 103.7 83.8 125.8  
192 16.8 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 42.563 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 75 Resp: 274506  
Ion Ratio Lower Upper  
75 100  
110 35.0 15.7 47.0  
77 30.7 24.6 37.0

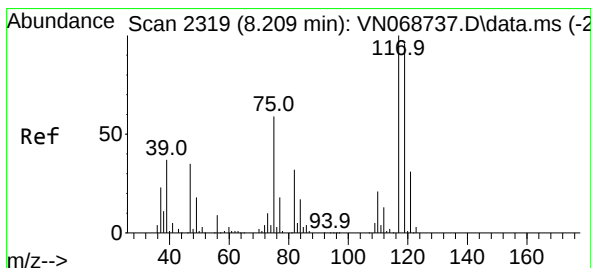
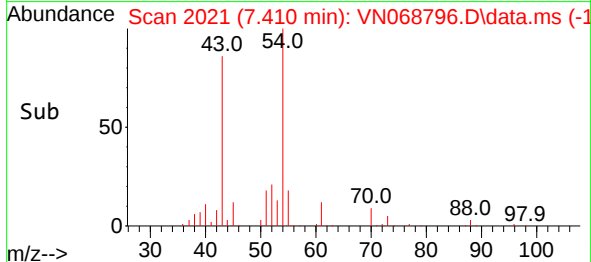
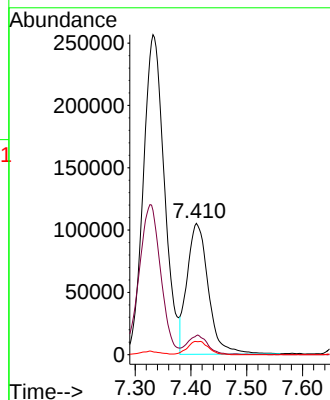
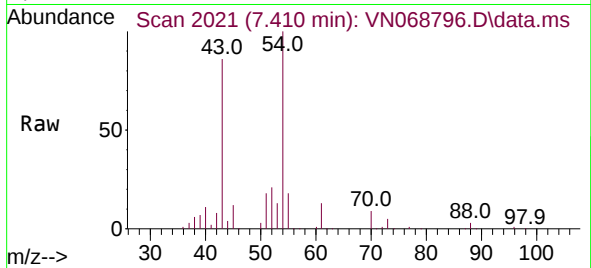




#37  
Ethyl Acetate  
Concen: 45.304 ug/l  
RT: 7.410 min Scan# 2021  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

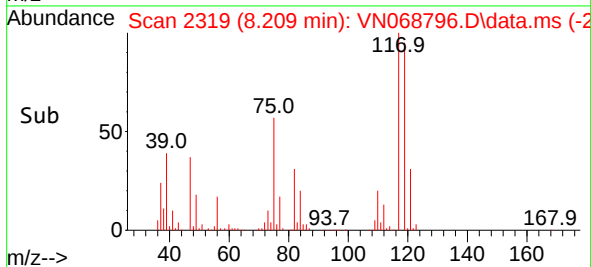
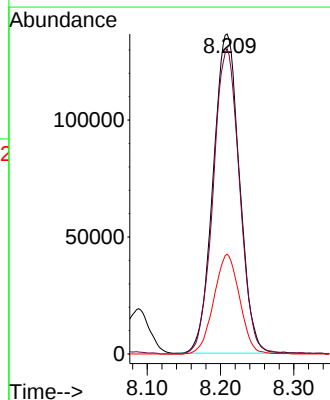
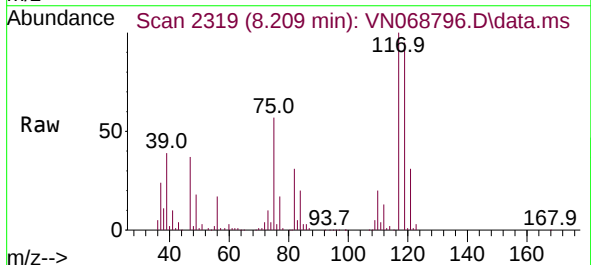
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

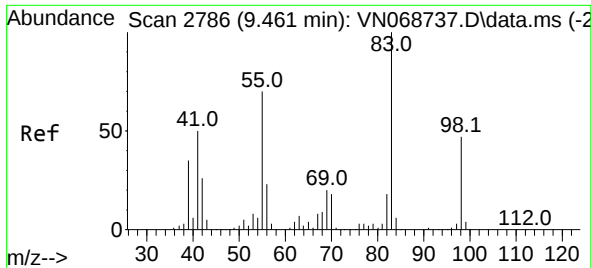
Tgt Ion: 43 Resp: 277248  
Ion Ratio Lower Upper  
43 100  
61 13.4 10.6 16.0  
70 10.0 8.1 12.1



#38  
Carbon Tetrachloride  
Concen: 44.470 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 117 Resp: 340694  
Ion Ratio Lower Upper  
117 100  
119 95.6 75.4 113.2  
121 31.3 23.5 35.3

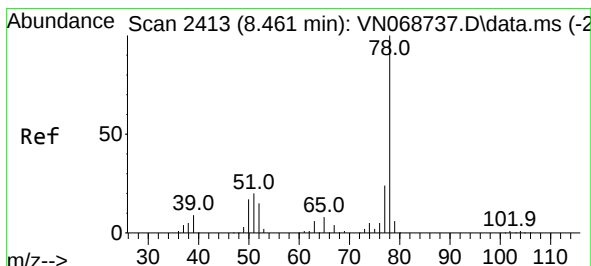
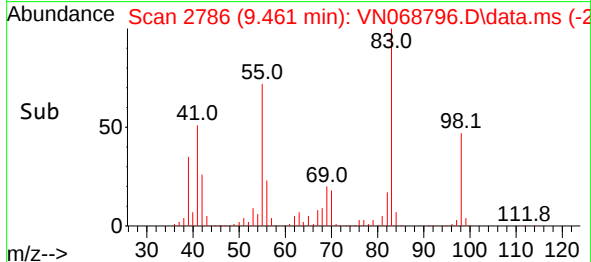
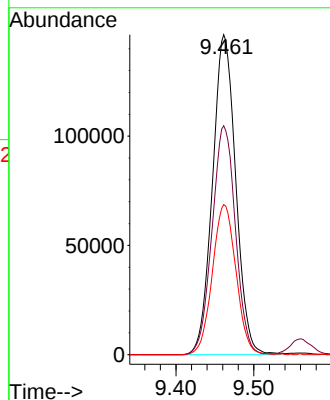
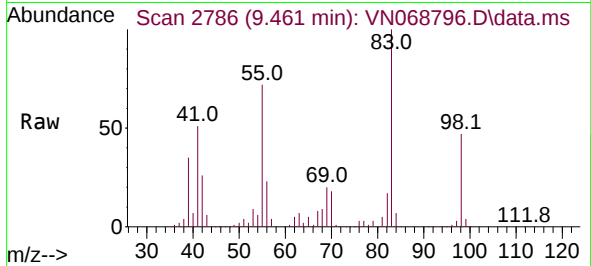




#39  
Methylcyclohexane  
Concen: 40.587 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

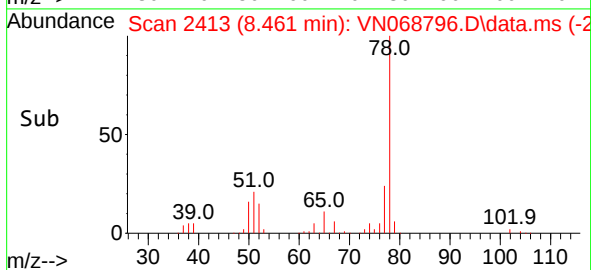
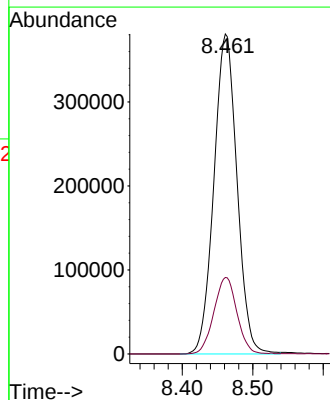
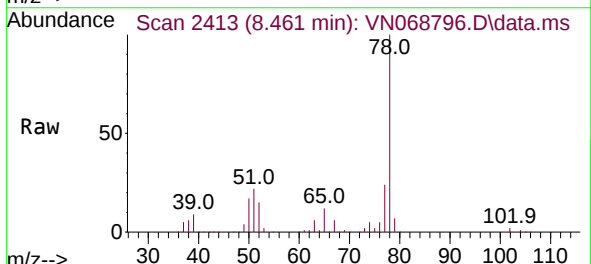
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

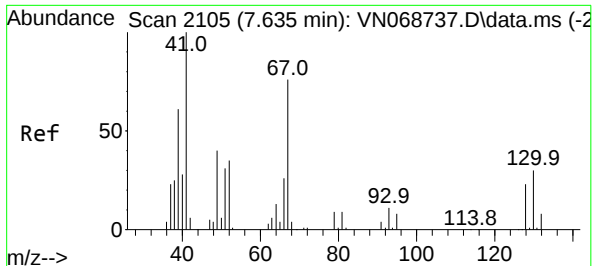
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 303390 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 71.6  | 66.6  | 99.8   |
| 98       | 46.9  | 35.3  | 52.9   |



#40  
Benzene  
Concen: 44.157 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 867021 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.9  | 18.9  | 28.3   |

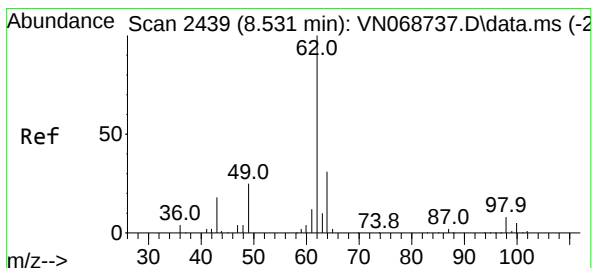
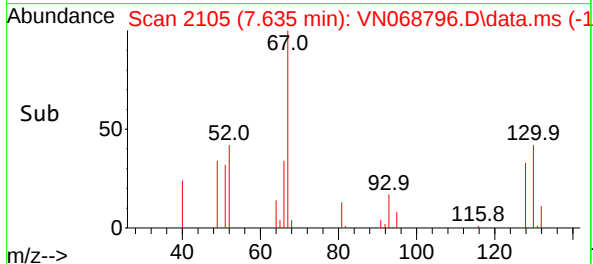
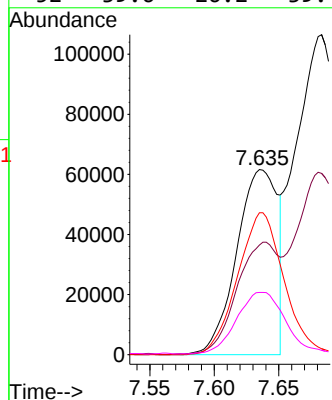
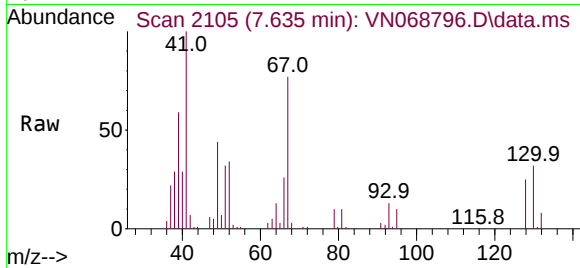




#41  
Methacrylonitrile  
Concen: 46.778 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

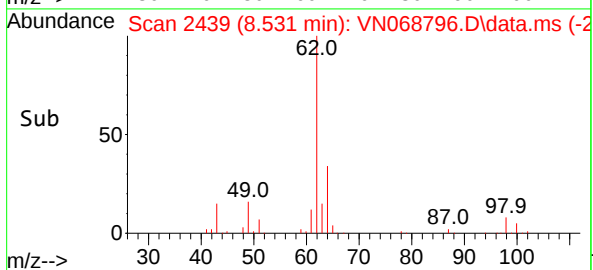
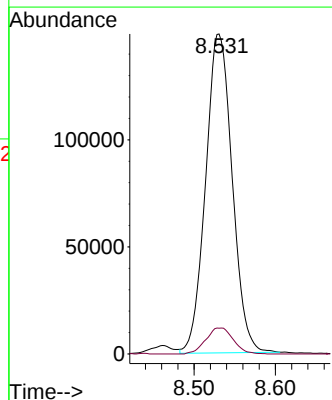
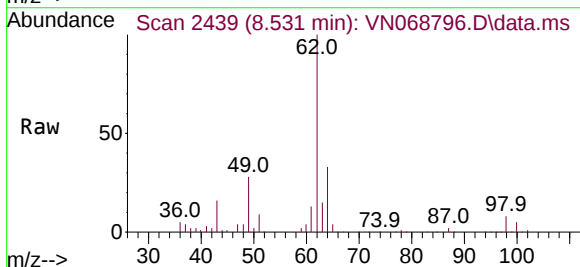
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

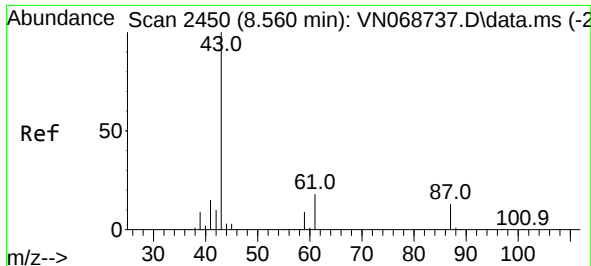
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 136112 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 61.3  | 47.6  | 71.4   |
| 67       | 87.5  | 57.7  | 86.5#  |
| 52       | 39.6  | 26.2  | 39.4#  |



#42  
1,2-Dichloroethane  
Concen: 43.990 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 339109 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 14.2   |

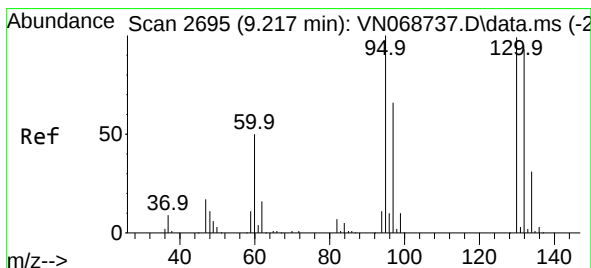
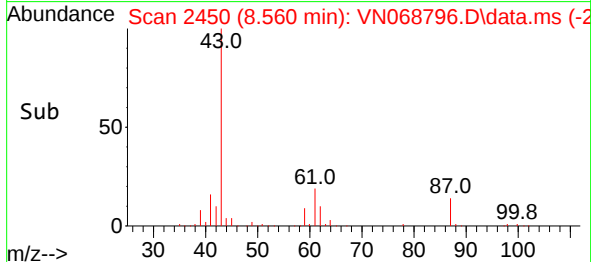
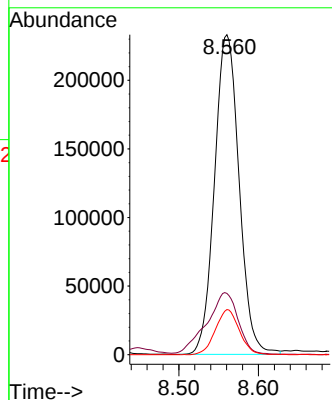
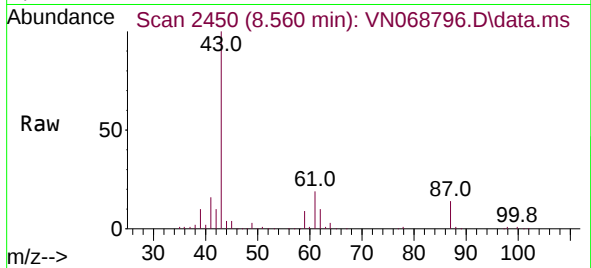




#43  
Isopropyl Acetate  
Concen: 44.508 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

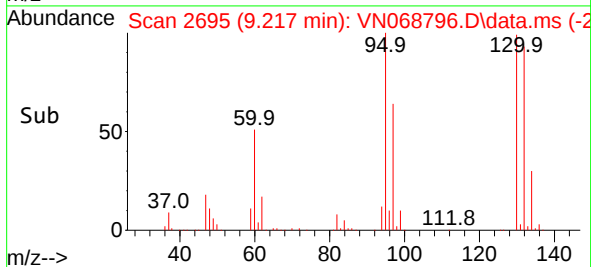
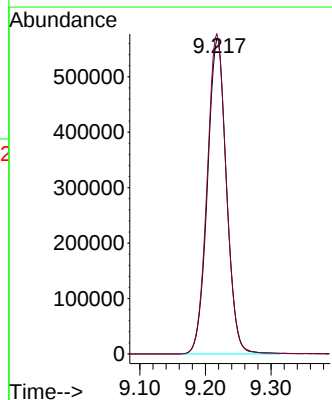
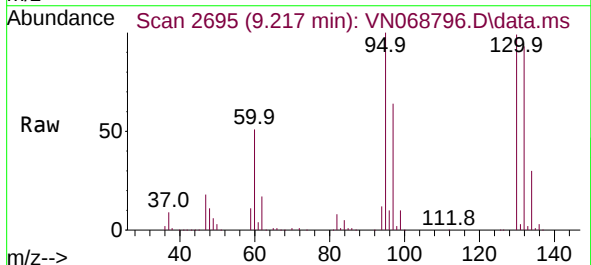
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

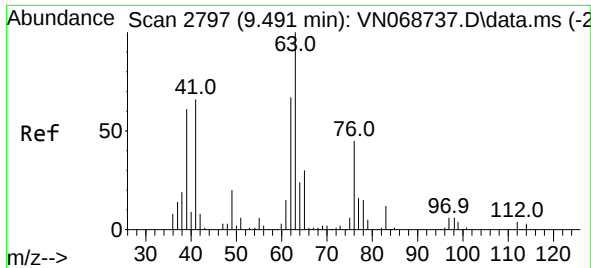
Tgt Ion: 43 Resp: 501076  
Ion Ratio Lower Upper  
43 100  
61 24.8 19.0 28.4  
87 13.7 9.5 14.3



#44  
Trichloroethene  
Concen: 218.655 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:130 Resp: 1146145  
Ion Ratio Lower Upper  
130 100  
95 101.5 0.0 234.4

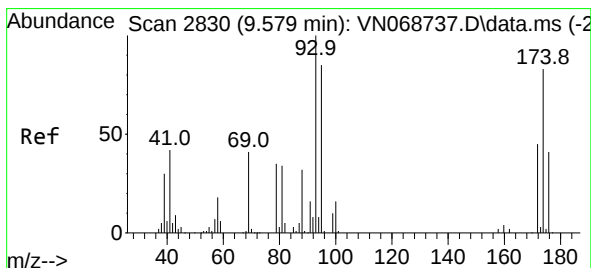
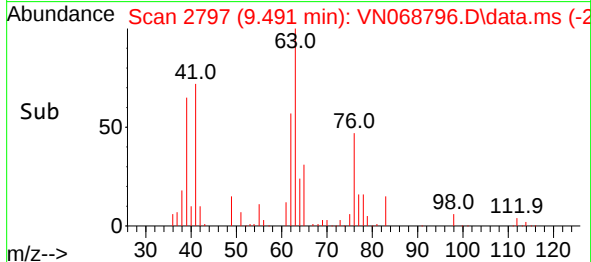
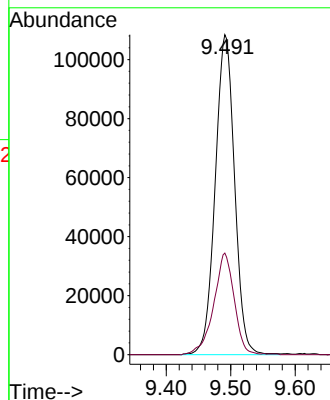
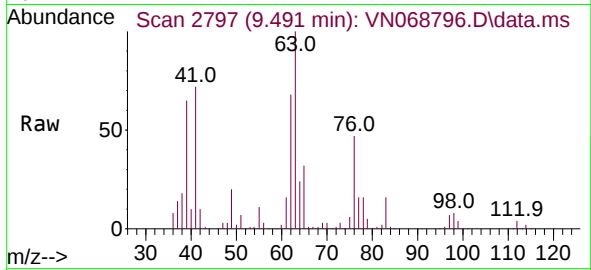




#45  
1,2-Dichloropropane  
Concen: 44.654 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

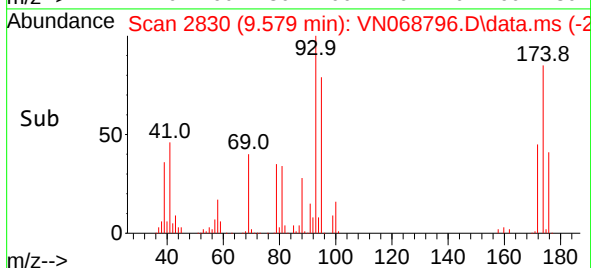
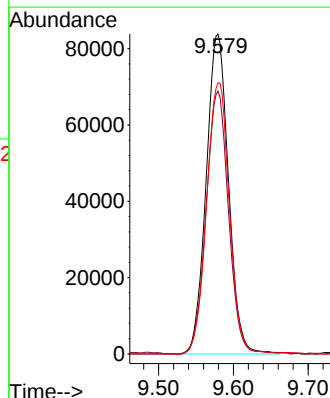
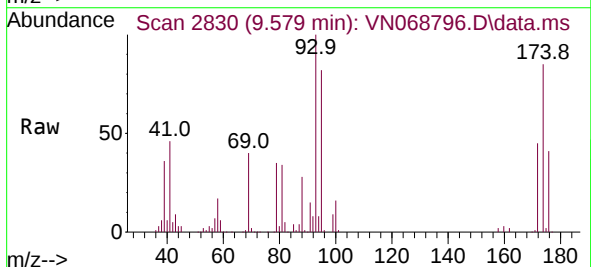
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

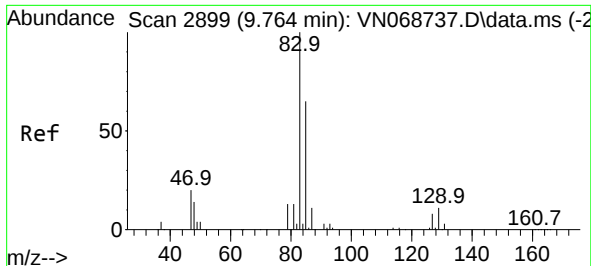
Tgt Ion: 63 Resp: 226233  
Ion Ratio Lower Upper  
63 100  
65 31.8 24.3 36.5



#46  
Dibromomethane  
Concen: 44.659 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 93 Resp: 173574  
Ion Ratio Lower Upper  
93 100  
95 82.7 66.1 99.1  
174 86.5 61.0 91.4

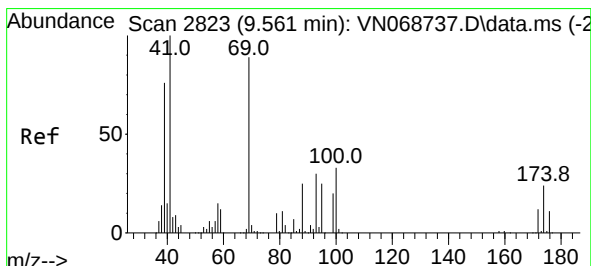
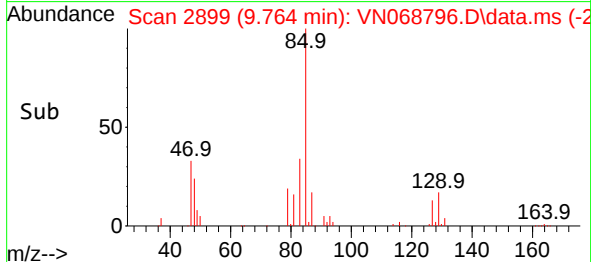
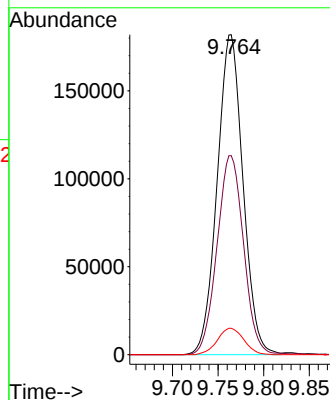
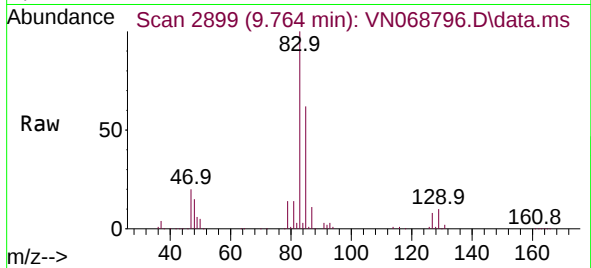




#47  
Bromodichloromethane  
Concen: 45.860 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

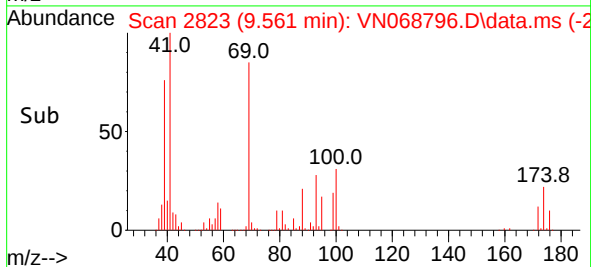
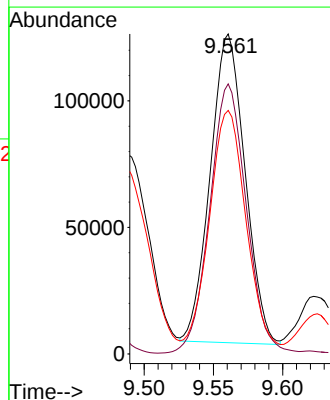
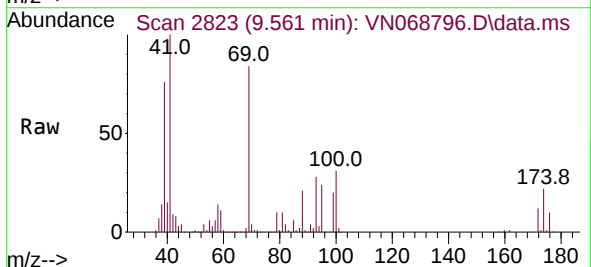
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

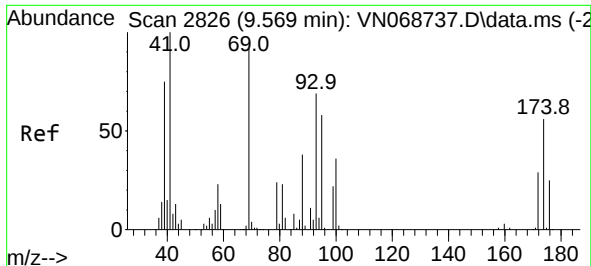
Tgt Ion: 83 Resp: 358433  
Ion Ratio Lower Upper  
83 100  
85 62.2 49.9 74.9  
127 8.2 6.1 9.1



#48  
Methyl methacrylate  
Concen: 45.095 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 41 Resp: 213112  
Ion Ratio Lower Upper  
41 100  
69 91.4 64.6 96.8  
39 84.5 53.3 79.9#

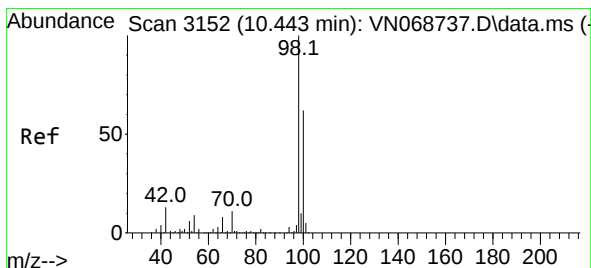
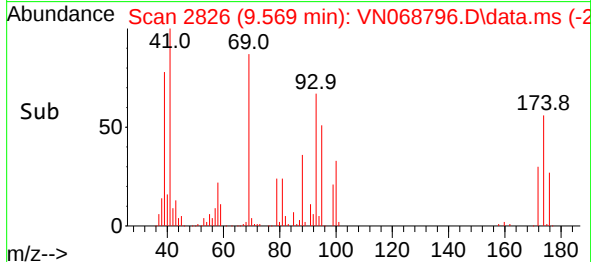
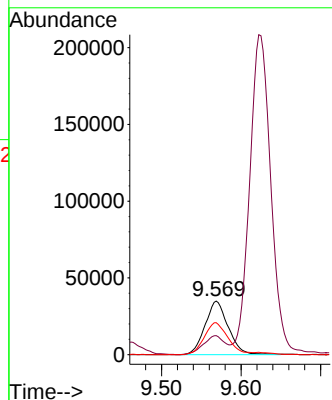
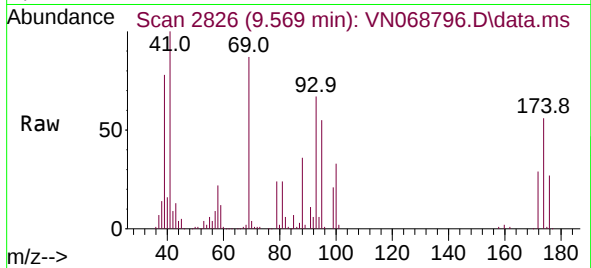




#49  
1,4-Dioxane  
Concen: 928.292 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

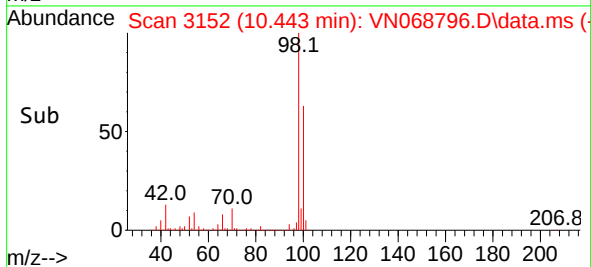
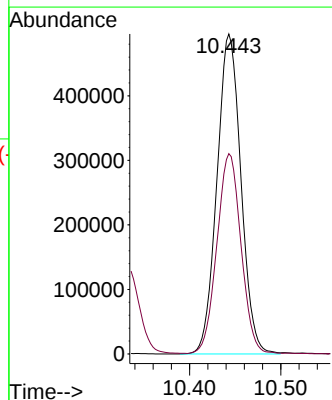
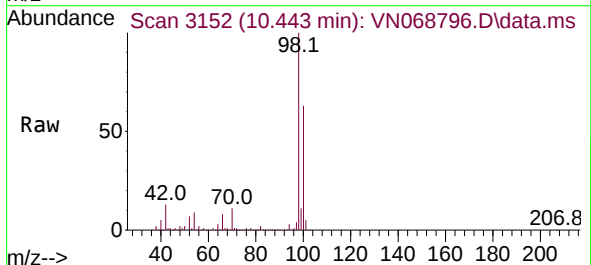
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

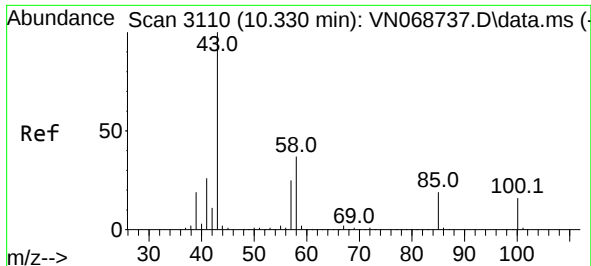
Tgt Ion: 88 Resp: 70869  
Ion Ratio Lower Upper  
88 100  
43 32.6 28.8 43.2  
58 61.1 60.4 90.6



#50  
Toluene-d8  
Concen: 58.298 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 98 Resp: 907644  
Ion Ratio Lower Upper  
98 100  
100 62.5 51.7 77.5

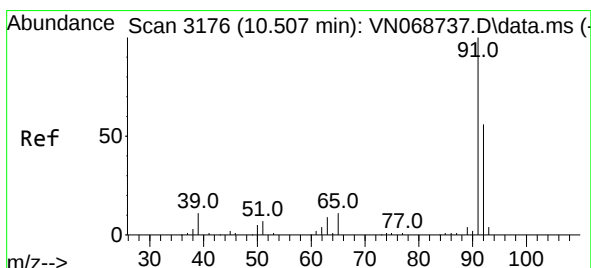
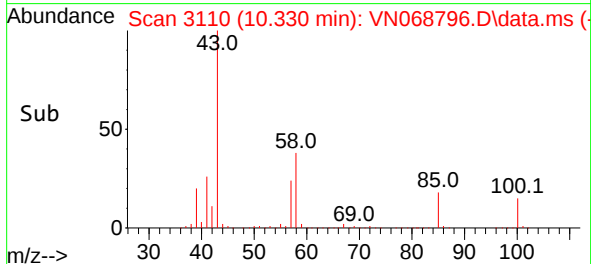
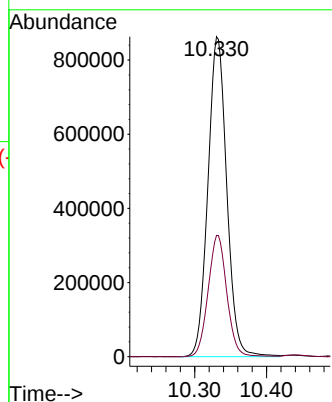
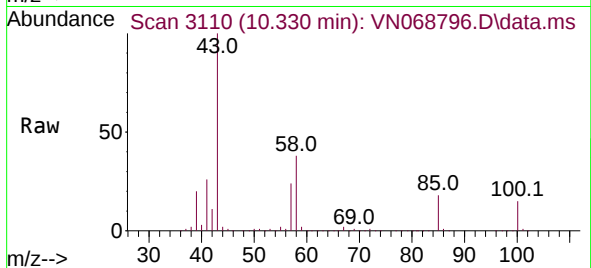




#51  
4-Methyl-2-Pentanone  
Concen: 231.046 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

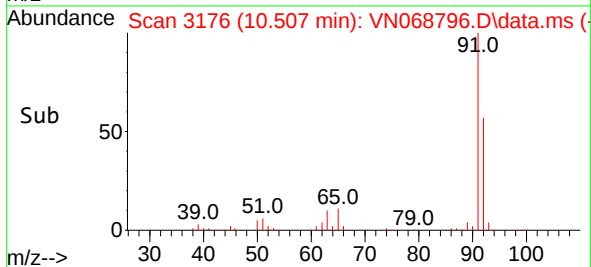
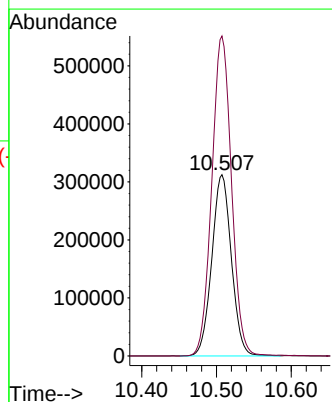
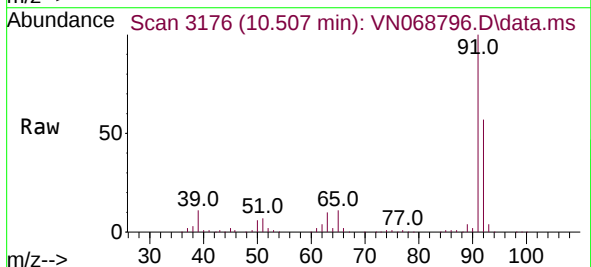
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

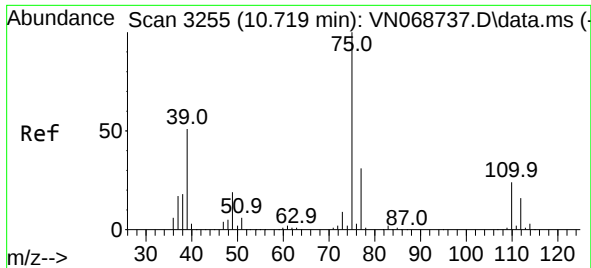
Tgt Ion: 43 Resp: 1572715  
Ion Ratio Lower Upper  
43 100  
58 37.6 28.6 43.0



#52  
Toluene  
Concen: 43.414 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 92 Resp: 567954  
Ion Ratio Lower Upper  
92 100  
91 177.7 139.6 209.4

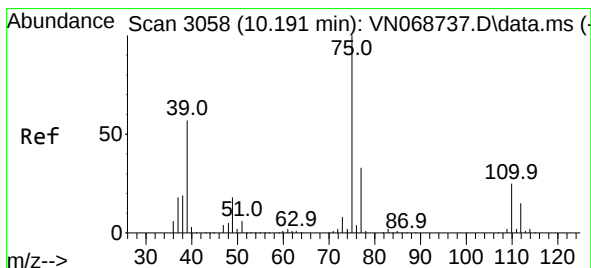
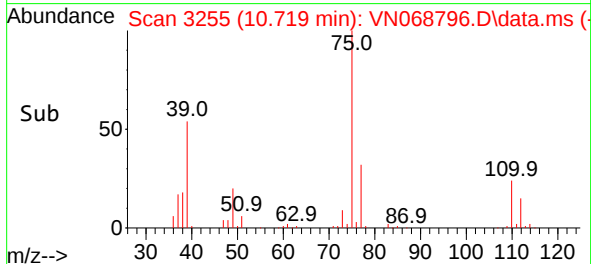
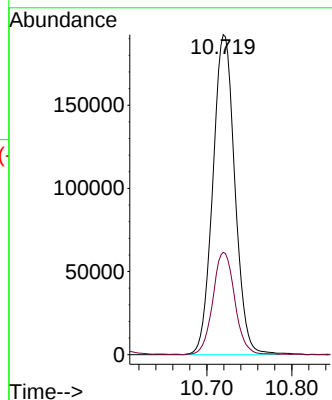
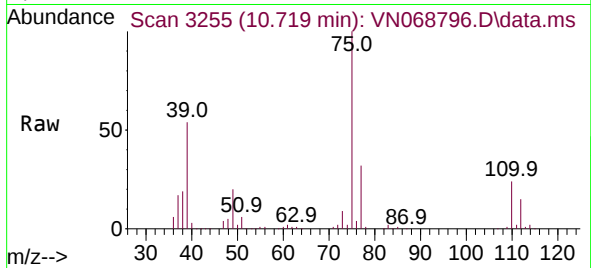




#53  
t-1,3-Dichloropropene  
Concen: 43.748 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

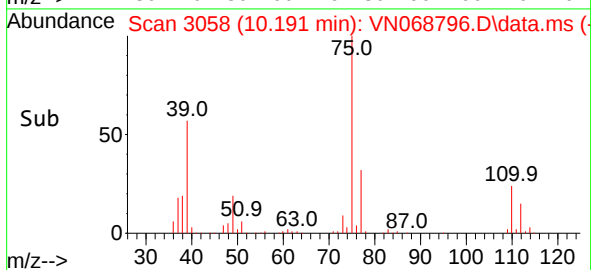
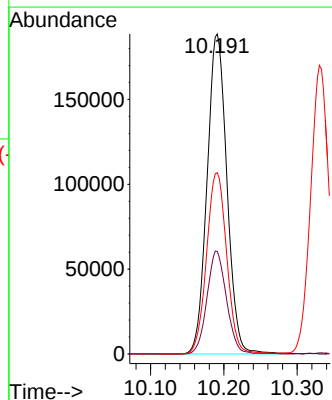
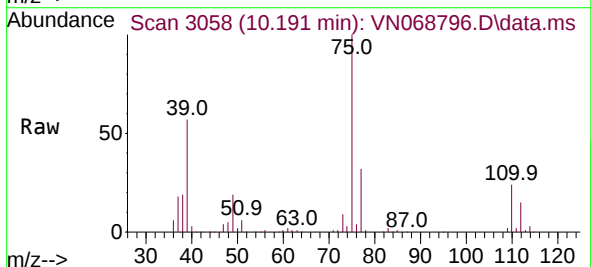
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RE137-20210921MS

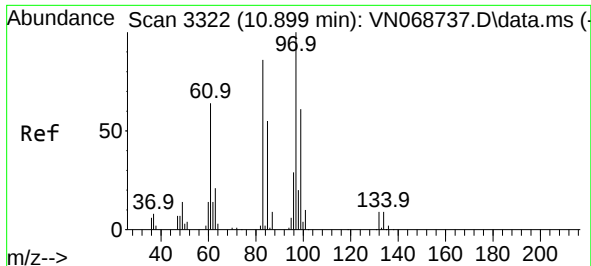
Tgt Ion: 75 Resp: 346133  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 42.689 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 75 Resp: 355397  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.6 37.0  
39 56.7 50.7 76.1

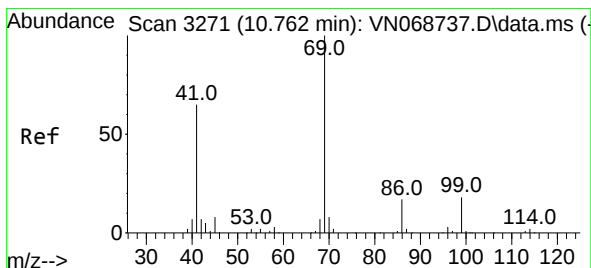
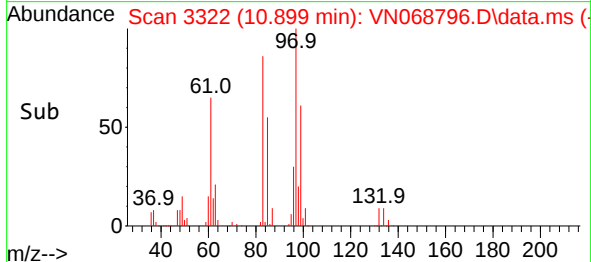
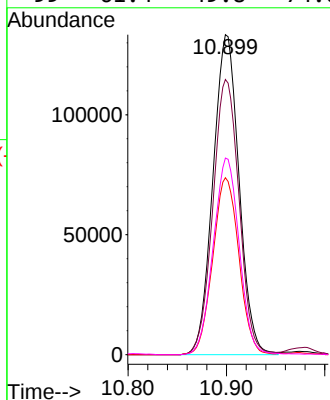
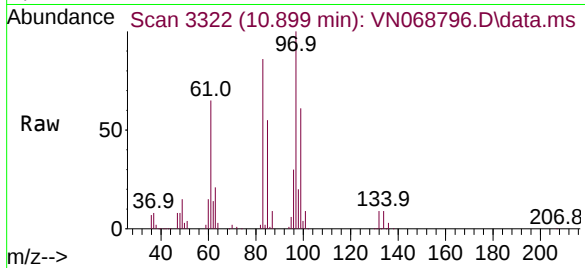




#55  
1,1,2-Trichloroethane  
Concen: 44.131 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

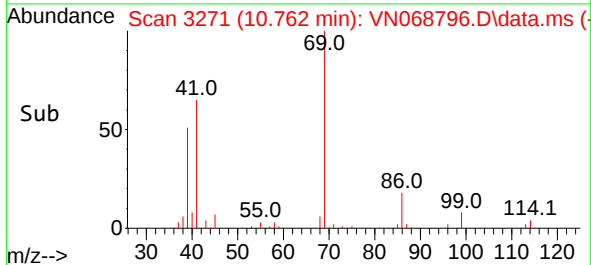
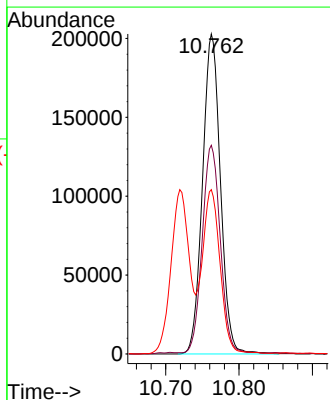
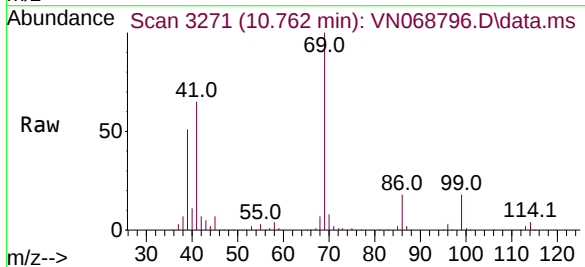
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MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

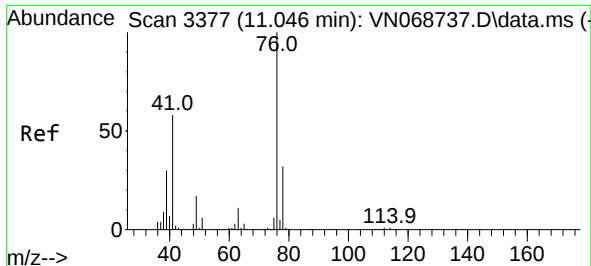
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 245468 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.0  | 72.0  | 108.0  |
| 85       | 55.3  | 46.8  | 70.2   |
| 99       | 61.4  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 40.320 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 344742 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.7  | 58.6  | 88.0   |
| 39       | 50.9  | 38.3  | 57.5   |

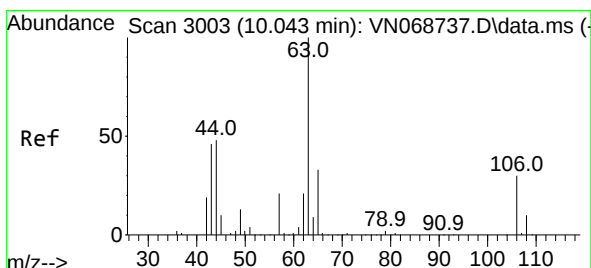
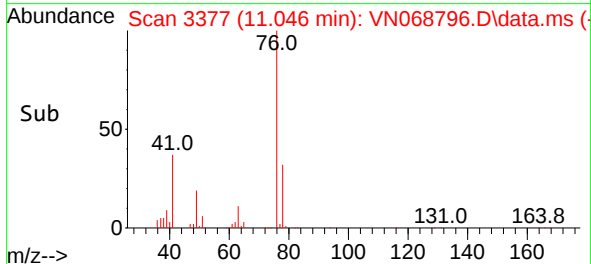
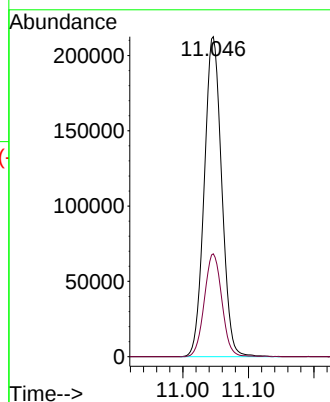
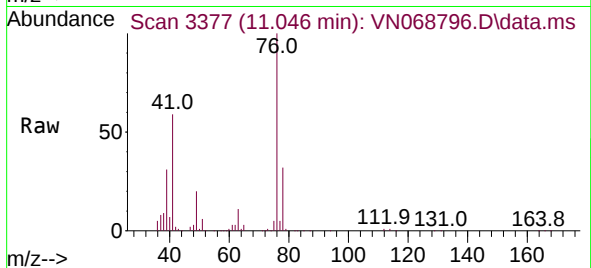




#57  
1,3-Dichloropropane  
Concen: 45.008 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

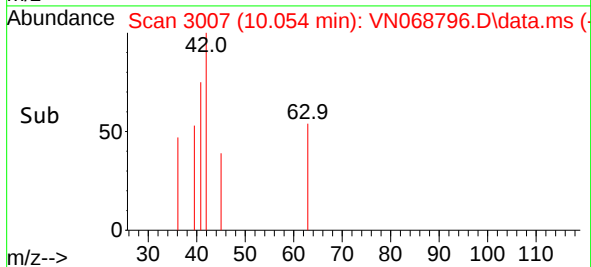
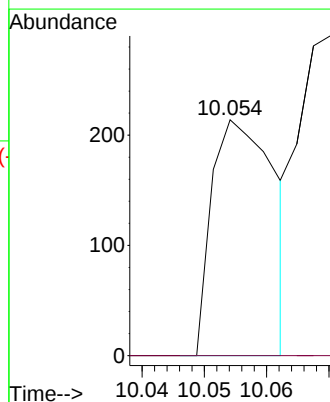
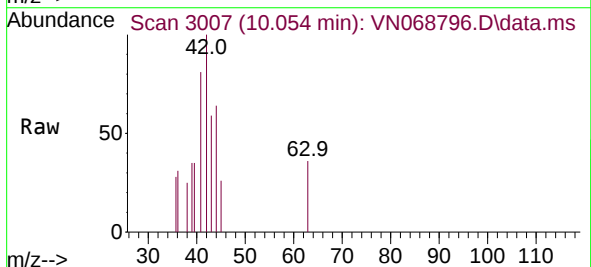
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

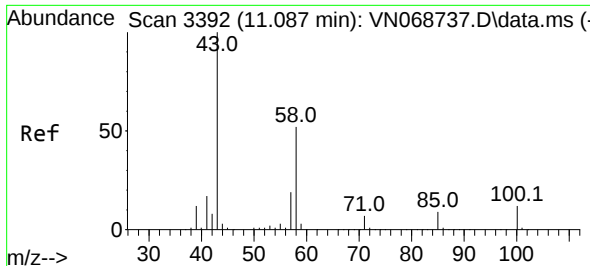
Tgt Ion: 76 Resp: 392027  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 3.352 ug/l  
RT: 10.054 min Scan# 3007  
Delta R.T. 0.011 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 63 Resp: 149  
Ion Ratio Lower Upper  
63 100  
106 0.0 19.8 29.8#

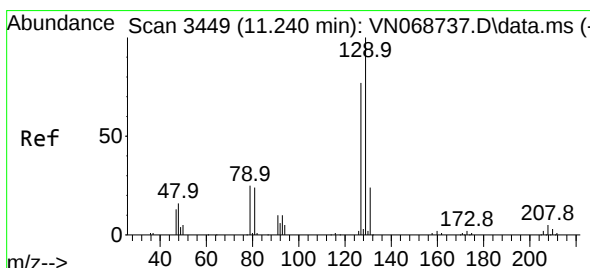
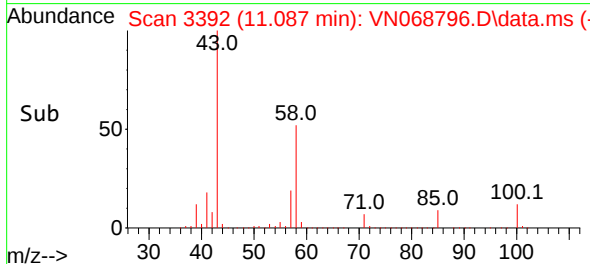
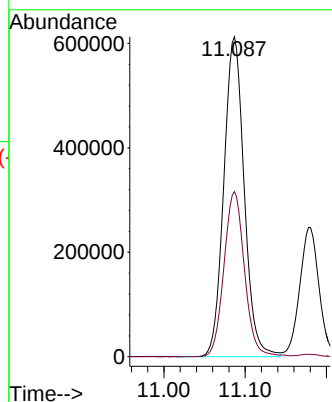
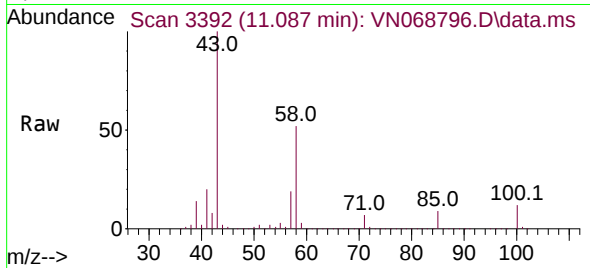




#59  
2-Hexanone  
Concen: 227.584 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

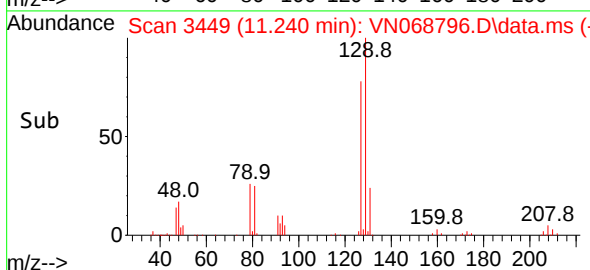
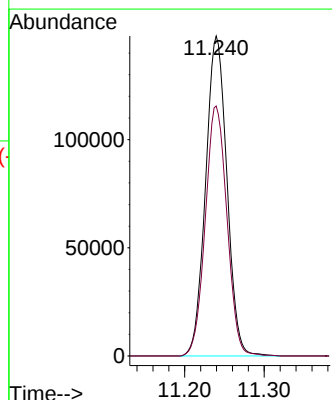
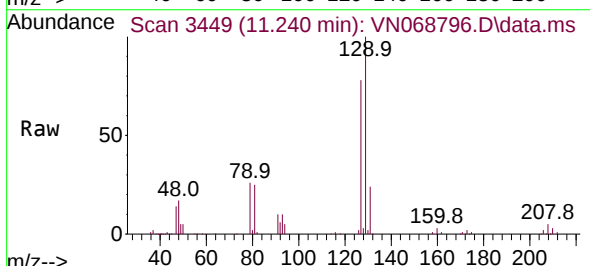
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

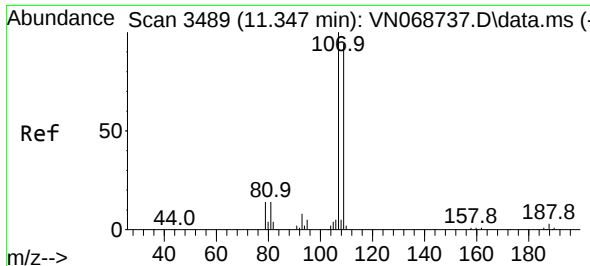
Tgt Ion: 43 Resp: 1067351  
Ion Ratio Lower Upper  
43 100  
58 52.1 24.7 74.1



#60  
Dibromochloromethane  
Concen: 46.869 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:129 Resp: 274986  
Ion Ratio Lower Upper  
129 100  
127 79.6 38.6 115.8

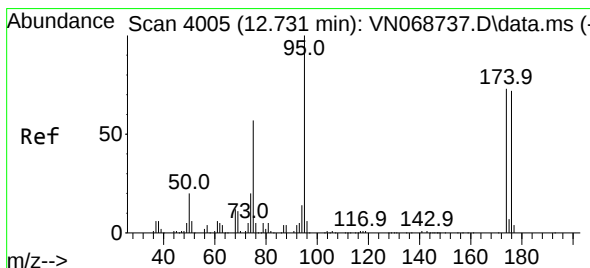
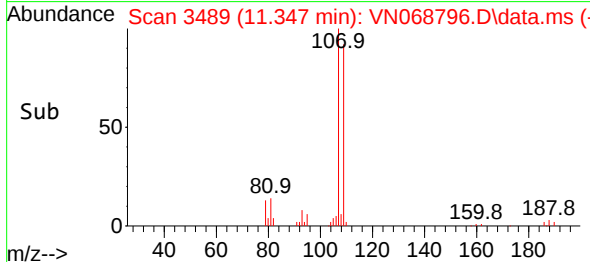
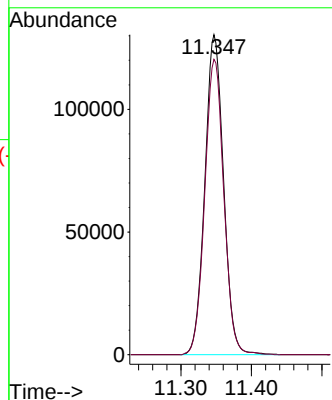
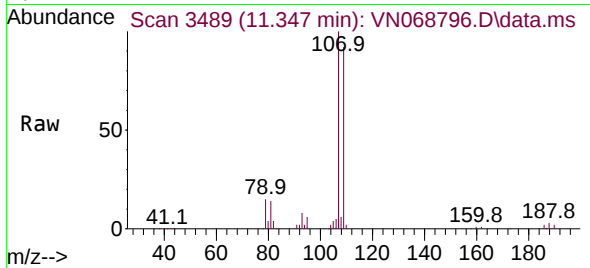




#61  
1,2-Dibromoethane  
Concen: 44.022 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

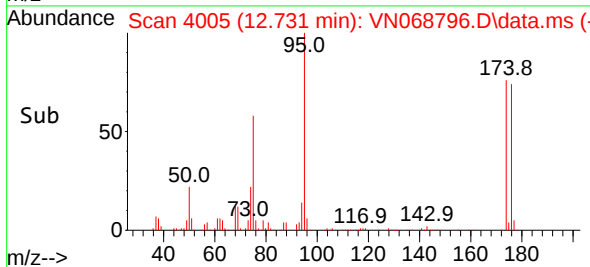
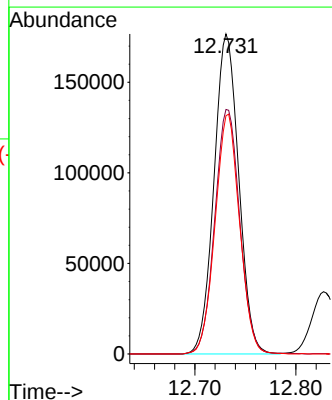
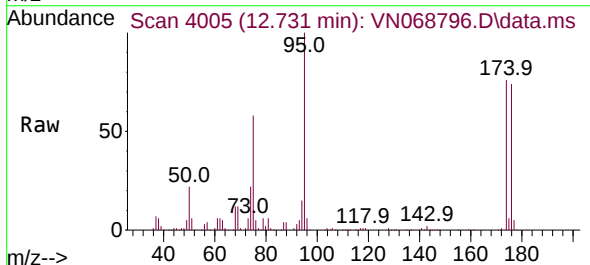
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

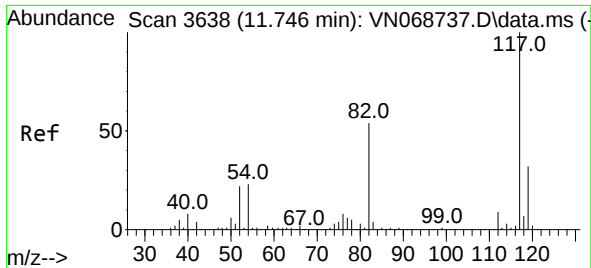
Tgt Ion:107 Resp: 240165  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 55.513 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 95 Resp: 300319  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 122.0  
176 74.4 0.0 117.6

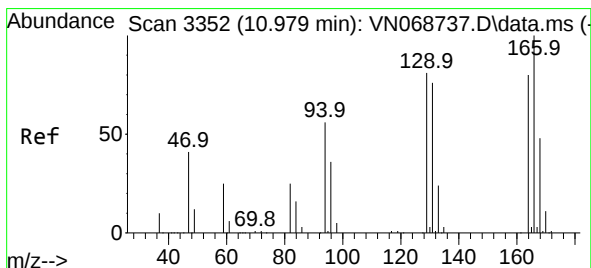
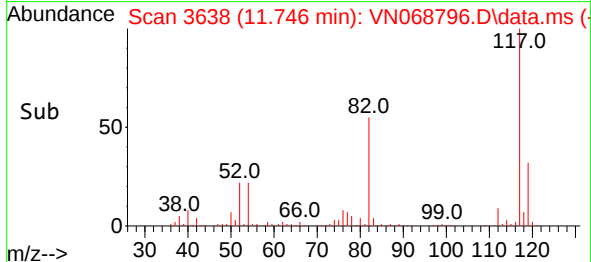
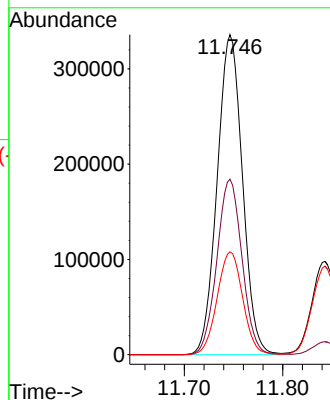
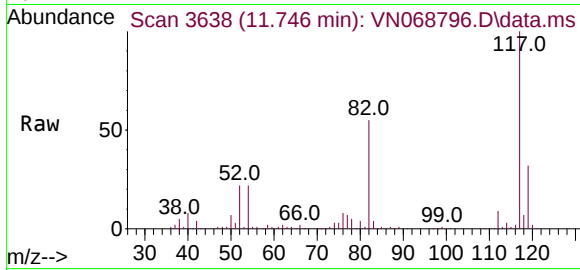




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

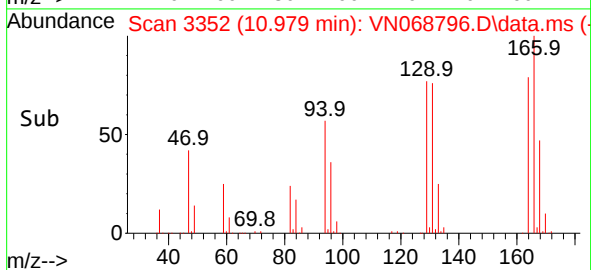
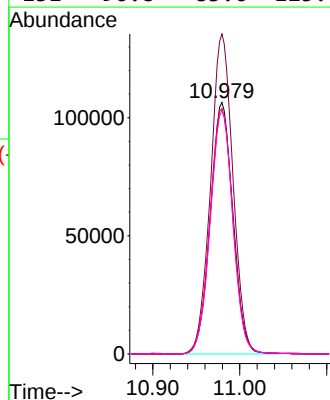
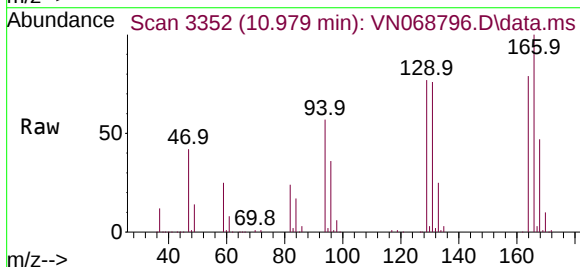
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

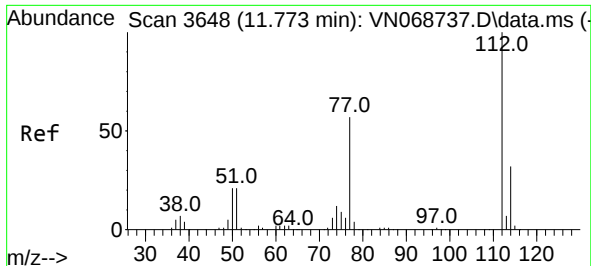
Tgt Ion:117 Resp: 600304  
Ion Ratio Lower Upper  
117 100  
82 54.9 53.1 79.7  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 43.012 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

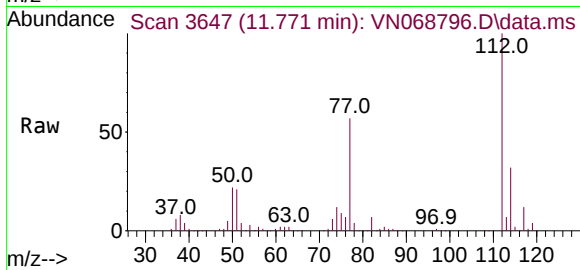
Tgt Ion:164 Resp: 192736  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.1 153.1  
129 97.6 86.9 130.3  
131 96.8 83.6 125.4



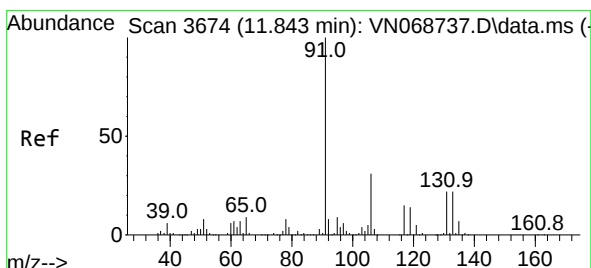
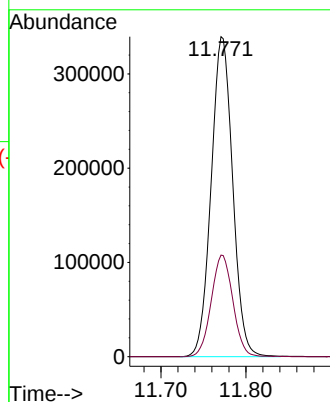
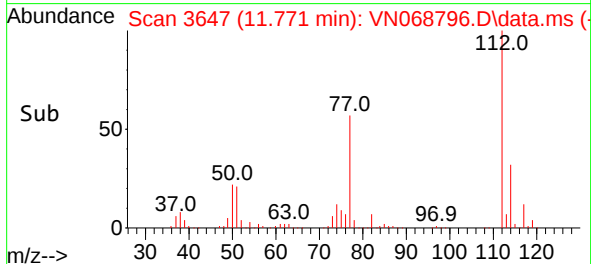


#65  
Chlorobenzene  
Concen: 43.612 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

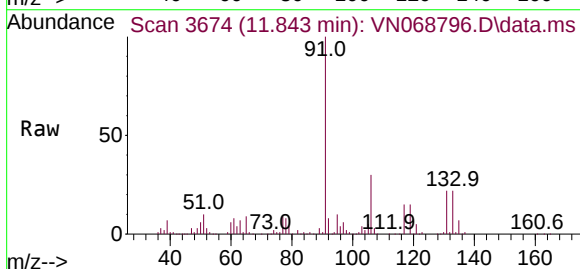
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS



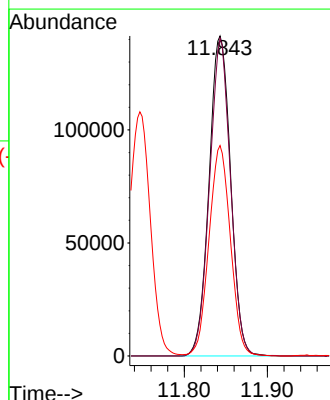
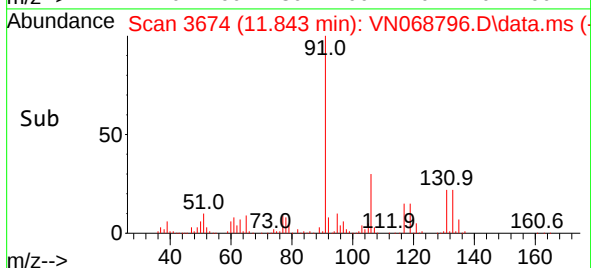
Tgt Ion:112 Resp: 596846  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.6 37.0

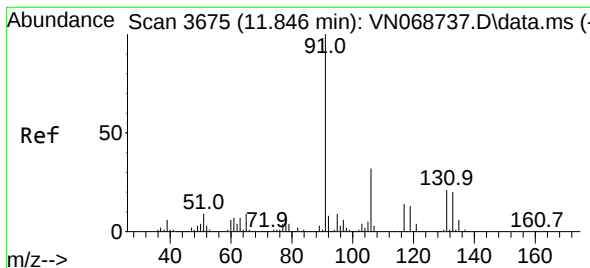


#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.271 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39



Tgt Ion:131 Resp: 255285  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.5 142.5  
119 65.4 33.1 99.3

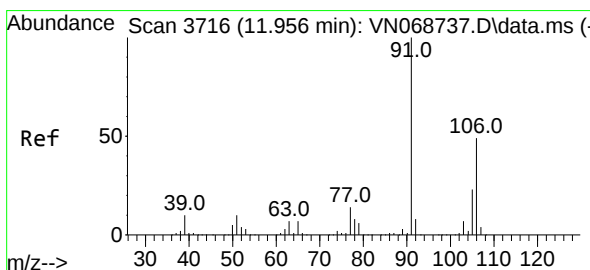
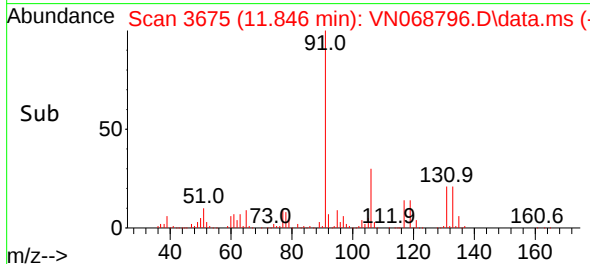
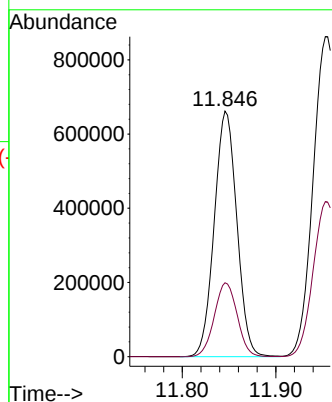
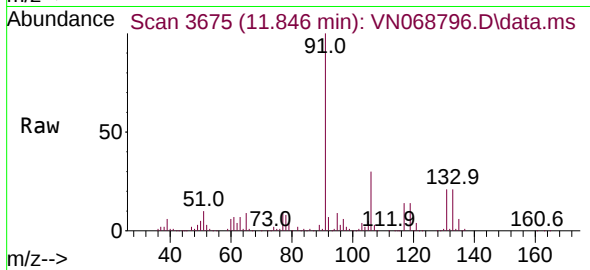




#67  
Ethyl Benzene  
Concen: 46.127 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

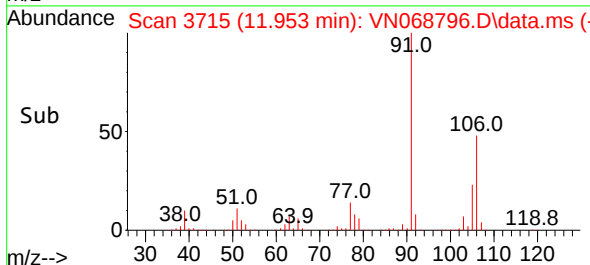
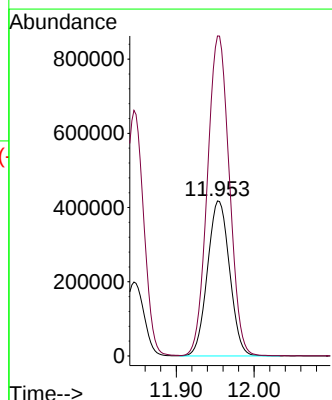
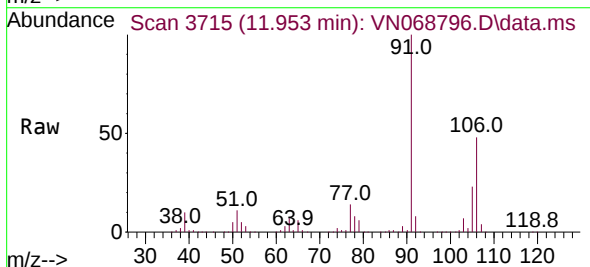
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

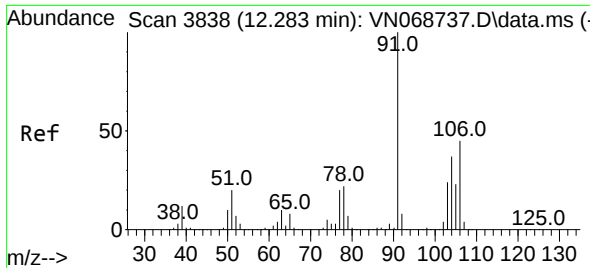
Tgt Ion: 91 Resp: 1111010  
Ion Ratio Lower Upper  
91 100  
106 30.1 23.4 35.0



#68  
m/p-Xylenes  
Concen: 92.337 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:106 Resp: 824239  
Ion Ratio Lower Upper  
106 100  
91 205.3 180.6 270.8

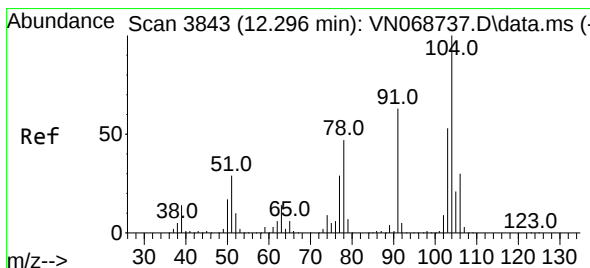
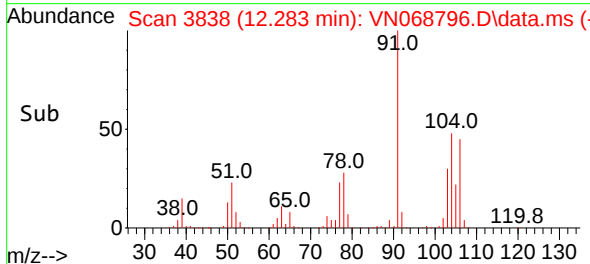
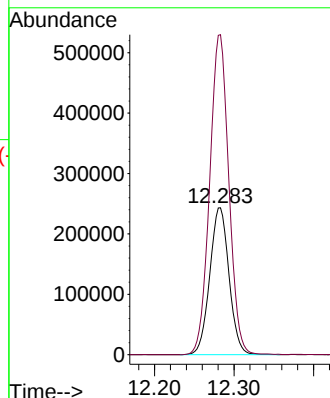
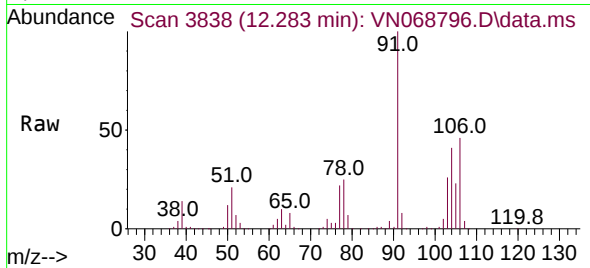




#69  
o-Xylene  
Concen: 46.403 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

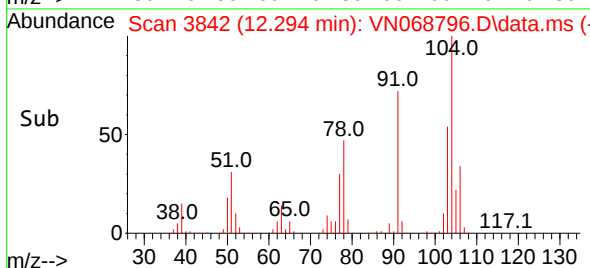
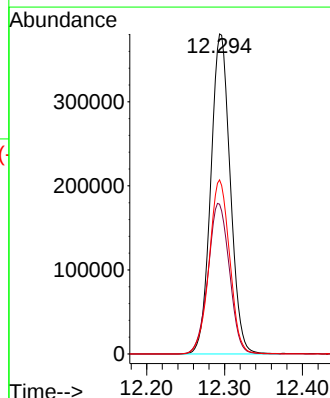
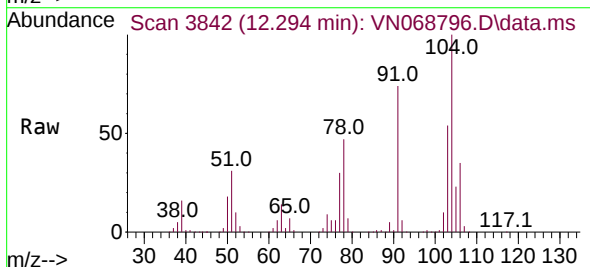
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

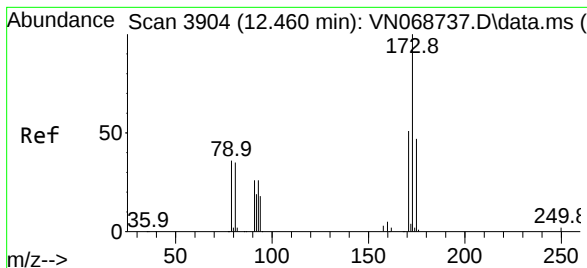
Tgt Ion:106 Resp: 409240  
Ion Ratio Lower Upper  
106 100  
91 217.1 118.3 354.9



#70  
Styrene  
Concen: 47.169 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:104 Resp: 661479  
Ion Ratio Lower Upper  
104 100  
78 51.6 48.2 72.2  
103 57.2 44.5 66.7

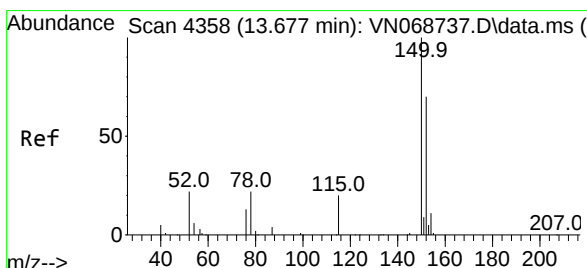
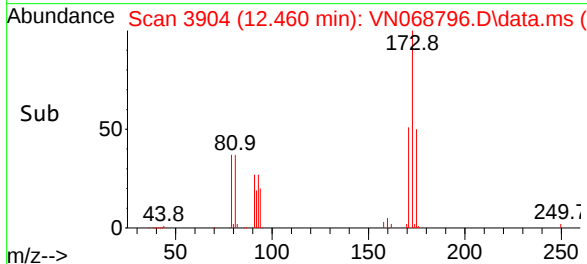
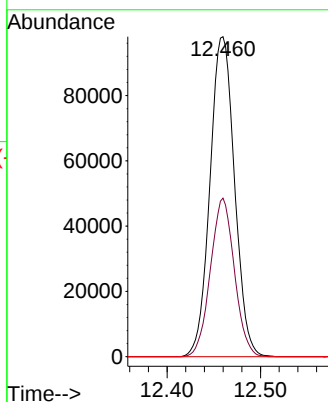
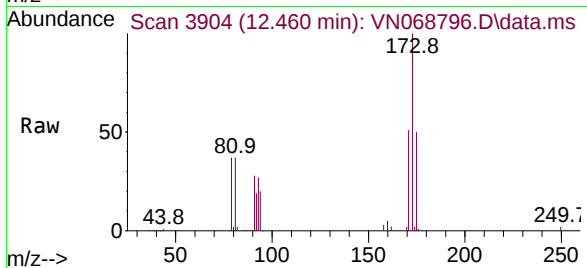




#71  
Bromoform  
Concen: 48.067 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

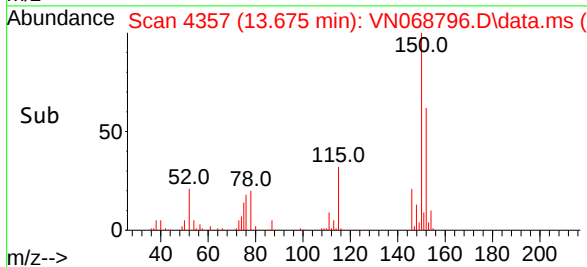
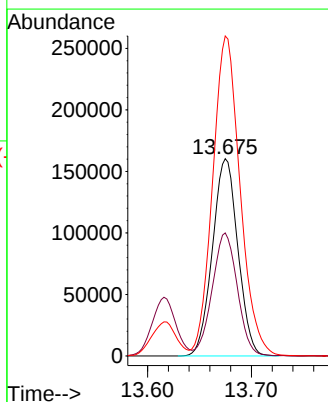
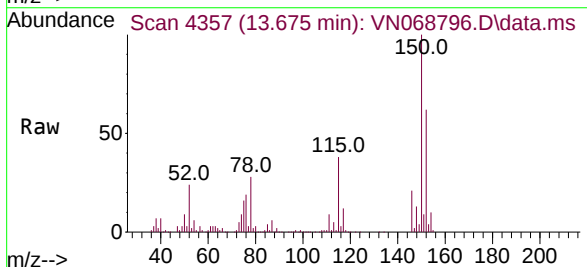
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

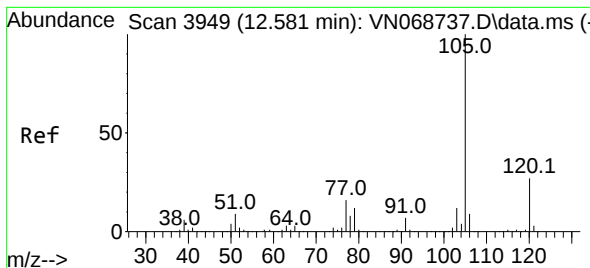
Tgt Ion:173 Resp: 179457  
Ion Ratio Lower Upper  
173 100  
175 48.2 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:152 Resp: 273008  
Ion Ratio Lower Upper  
152 100  
115 61.4 36.1 108.5  
150 175.1 0.0 351.8





#73

Isopropylbenzene

Concen: 44.779 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. -0.000 min

Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

Tgt Ion:105 Resp: 1094022

Ion Ratio Lower Upper

105 100

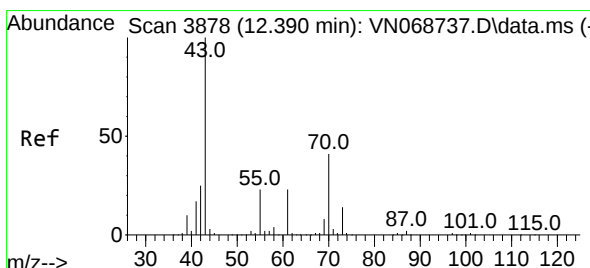
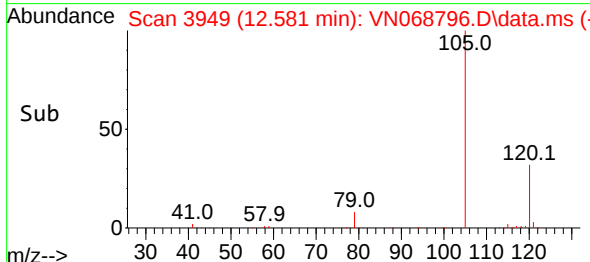
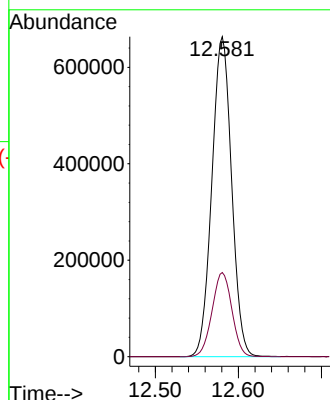
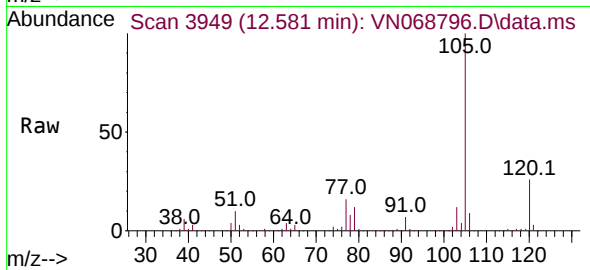
120 26.5 12.5 37.5

Instrument :

MSVOA\_N

ClientSampleId :

RE137-20210921MS



#74

N-ethyl acetate

Concen: 48.214 ug/l

RT: 12.387 min Scan# 3877

Delta R.T. -0.003 min

Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

Tgt Ion: 43 Resp: 378700

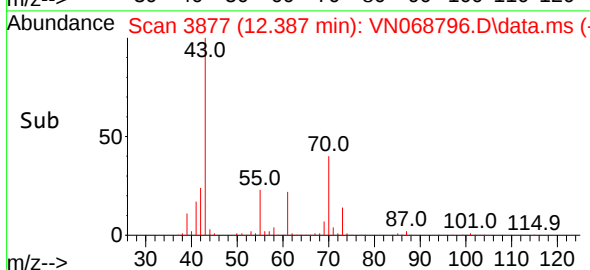
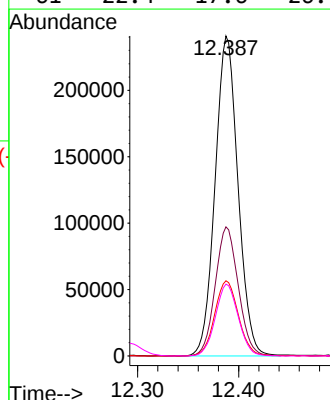
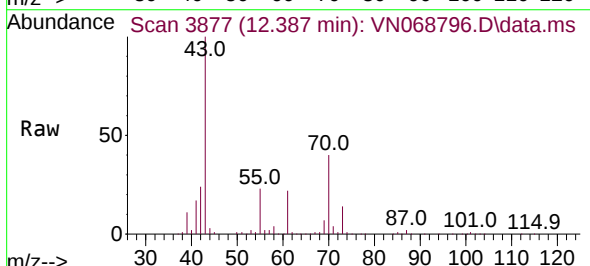
Ion Ratio Lower Upper

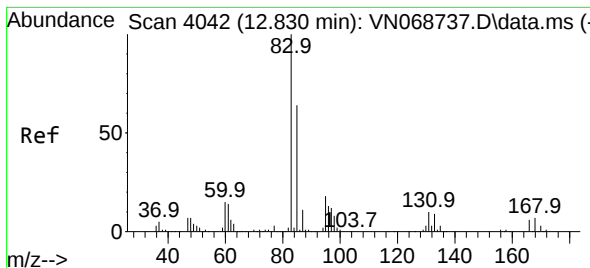
43 100

70 40.7 29.4 44.2

55 24.4 17.0 25.4

61 22.4 17.6 26.4



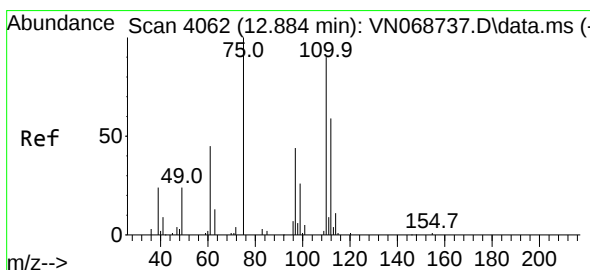
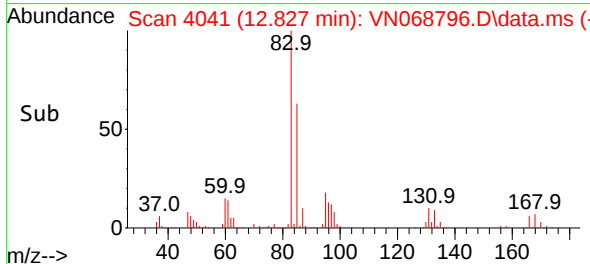
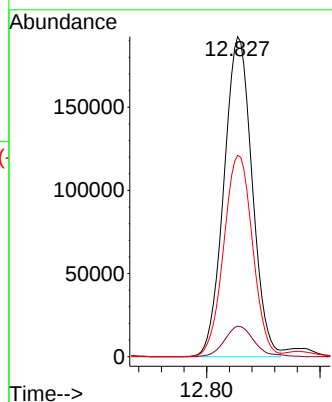
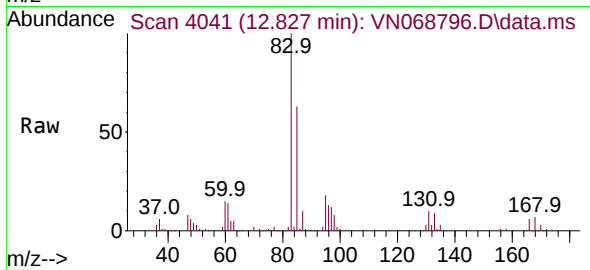


#75

1,1,2,2-Tetrachloroethane  
Concen: 44.766 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
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RE137-20210921MS

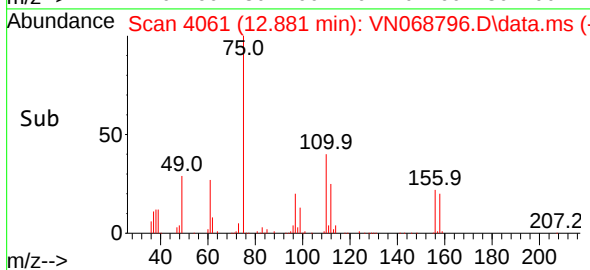
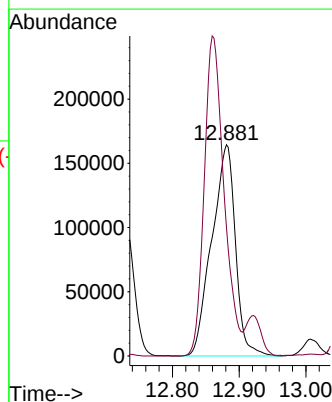
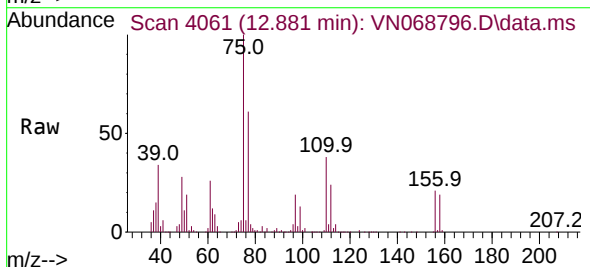
Tgt Ion: 83 Resp: 332280  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.8 14.4  
85 64.5 32.2 96.6

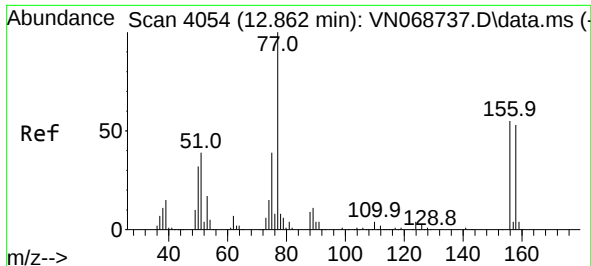


#76

1,2,3-Trichloropropane  
Concen: 66.666 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 75 Resp: 404755  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

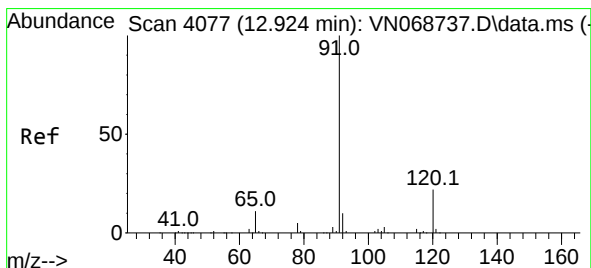
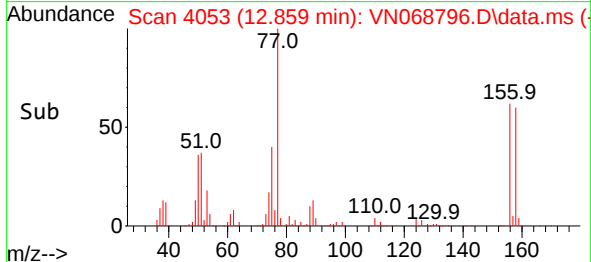
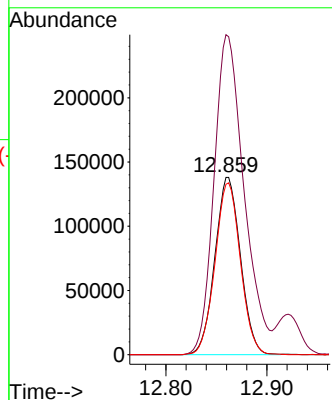
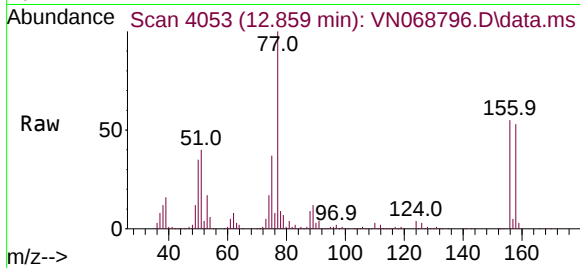




#77  
Bromobenzene  
Concen: 43.862 ug/l  
RT: 12.859 min Scan# 4053  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

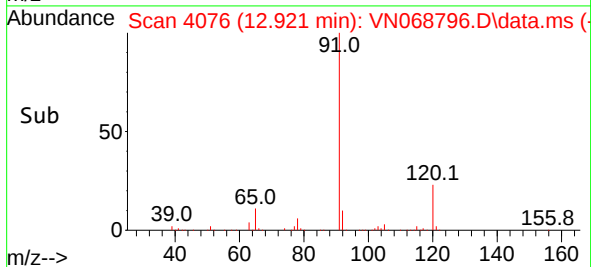
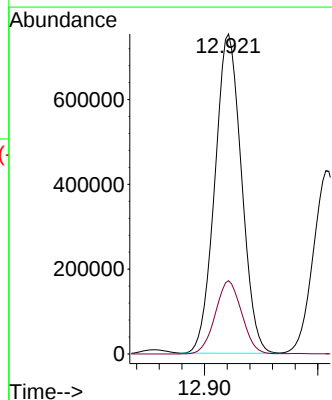
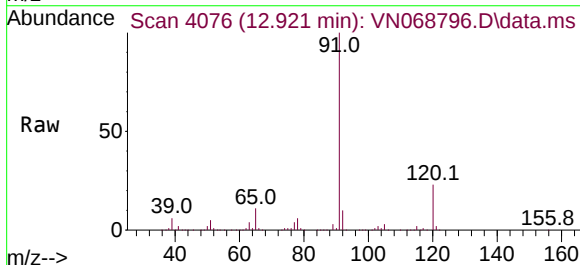
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ClientSampleId :  
RE137-20210921MS

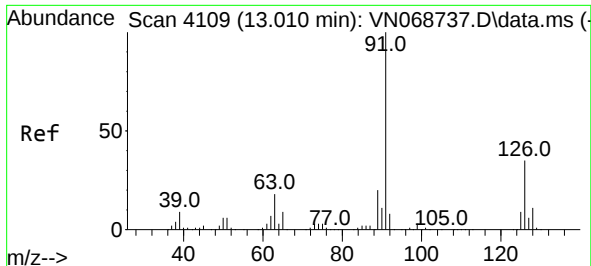
Tgt Ion:156 Resp: 242421  
Ion Ratio Lower Upper  
156 100  
77 212.1 136.2 408.6  
158 96.2 48.4 145.3



#78  
n-propylbenzene  
Concen: 44.486 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 91 Resp: 1228513  
Ion Ratio Lower Upper  
91 100  
120 22.8 10.4 31.4

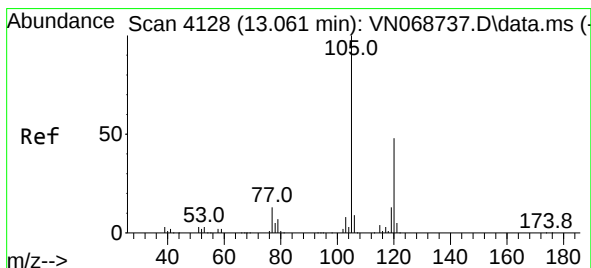
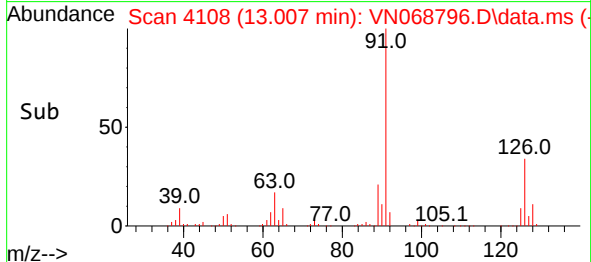
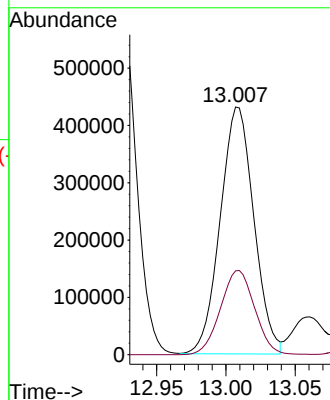
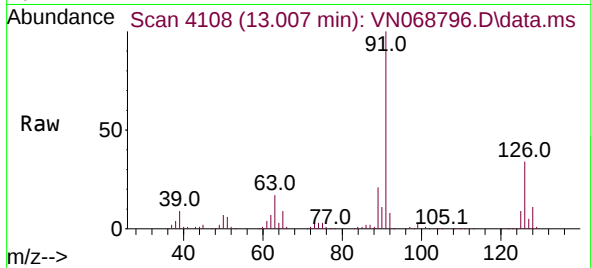




#79  
2-Chlorotoluene  
Concen: 45.667 ug/l  
RT: 13.007 min Scan# 4108  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

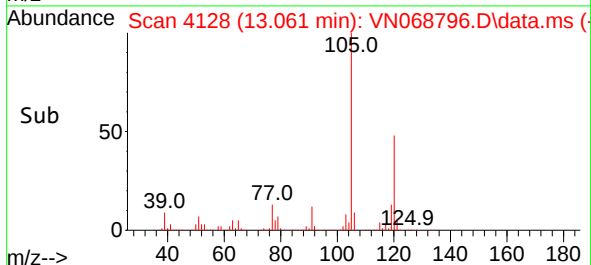
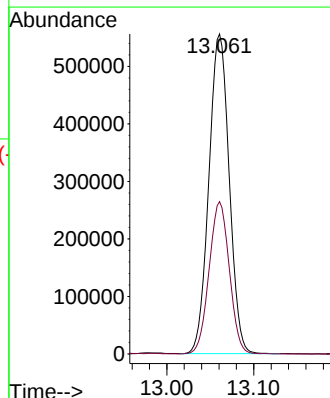
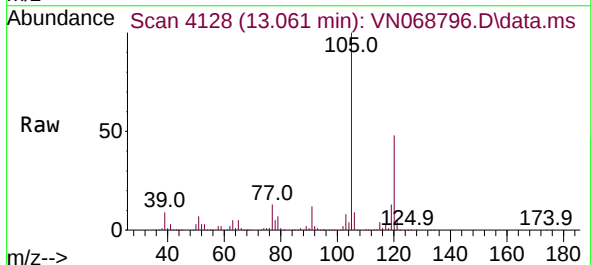
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

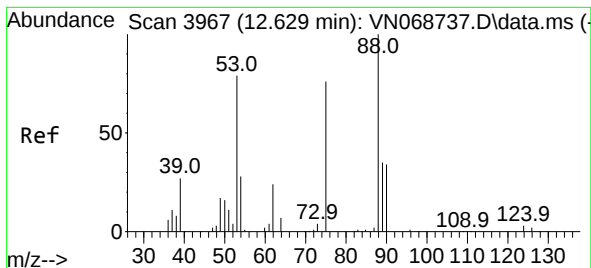
Tgt Ion: 91 Resp: 728446  
Ion Ratio Lower Upper  
91 100  
126 34.7 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 46.561 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 105 Resp: 903318  
Ion Ratio Lower Upper  
105 100  
120 47.3 22.2 66.6

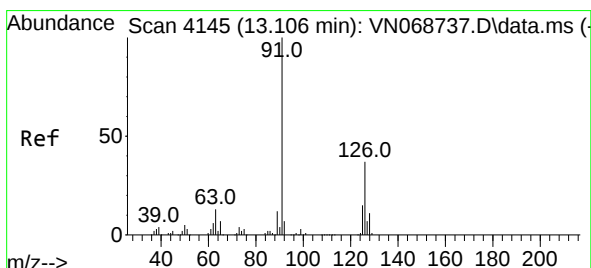
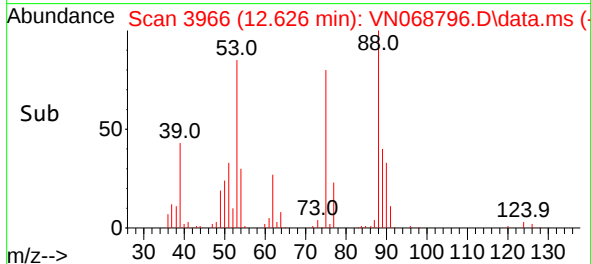
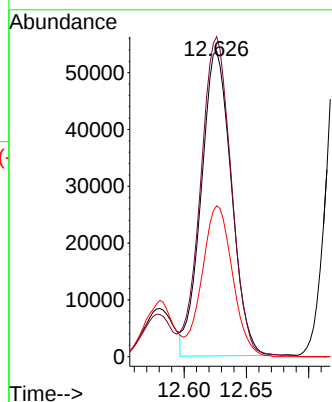
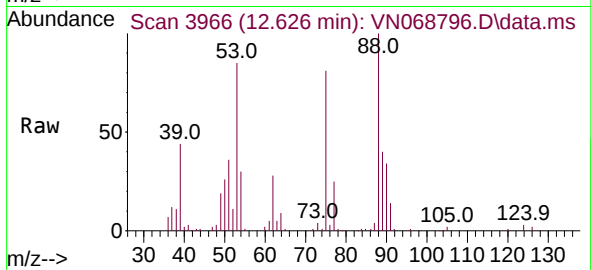




#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.337 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

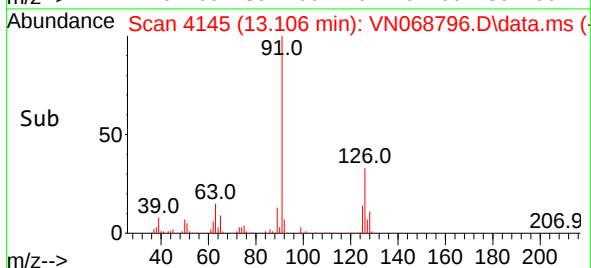
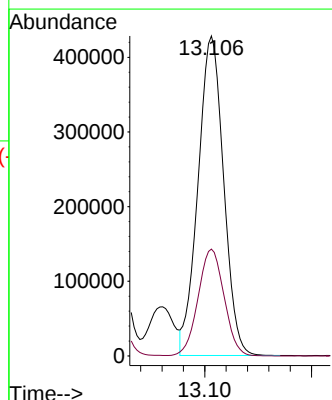
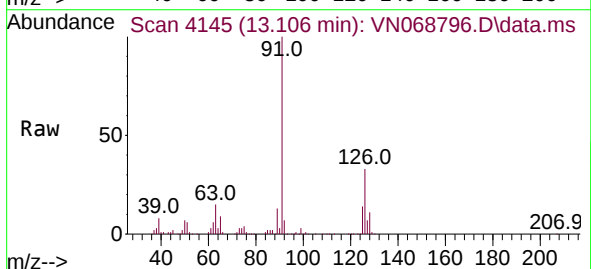
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MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

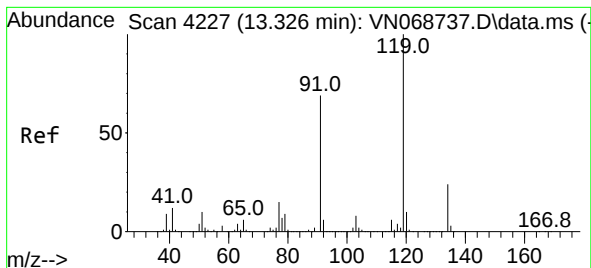
Tgt Ion: 75 Resp: 90511  
Ion Ratio Lower Upper  
75 100  
53 107.3 87.6 131.4  
89 50.0 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 44.357 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 91 Resp: 711096  
Ion Ratio Lower Upper  
91 100  
126 34.1 14.8 44.4

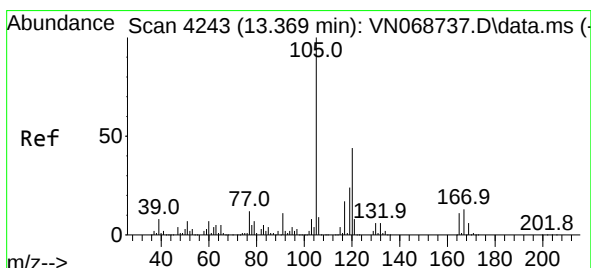
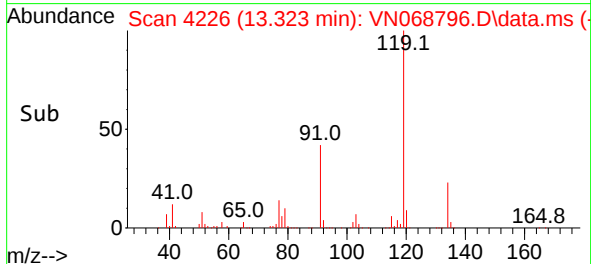
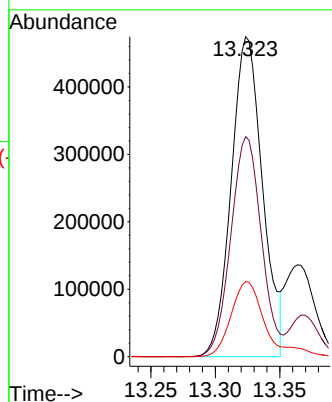
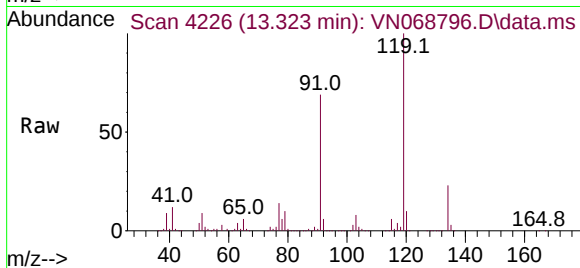




#83  
tert-Butylbenzene  
Concen: 46.831 ug/l  
RT: 13.323 min Scan# 4226  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

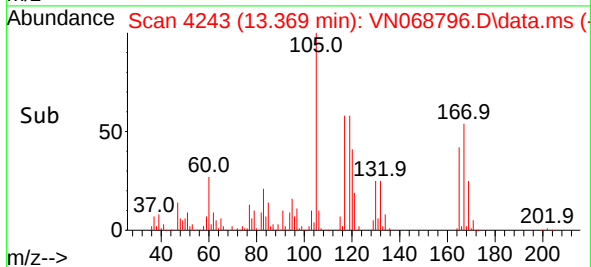
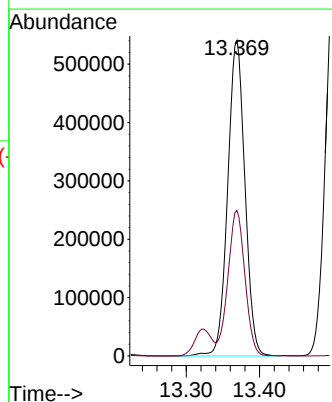
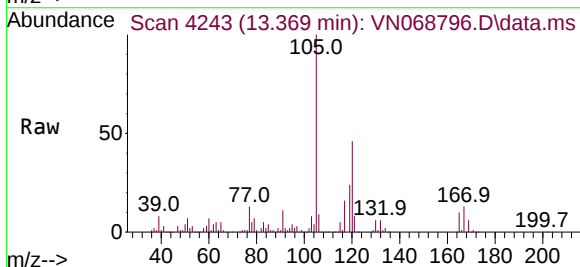
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

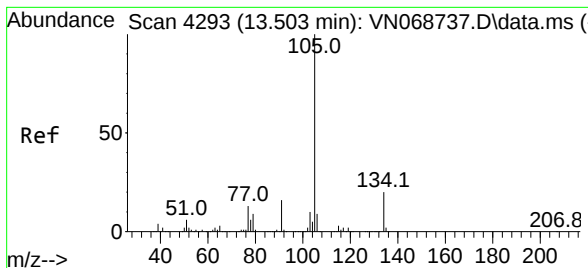
Tgt Ion:119 Resp: 801863  
Ion Ratio Lower Upper  
119 100  
91 67.7 39.5 118.5  
134 25.7 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 46.347 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:105 Resp: 882401  
Ion Ratio Lower Upper  
105 100  
120 45.7 20.6 61.8

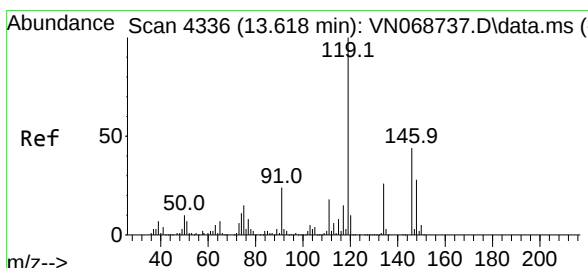
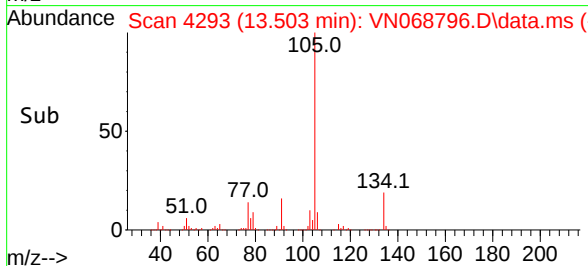
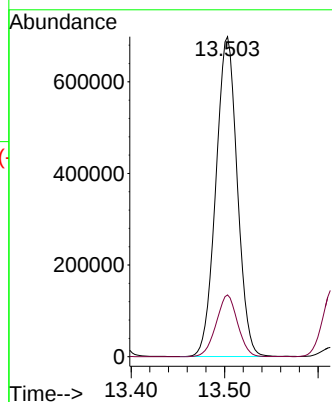
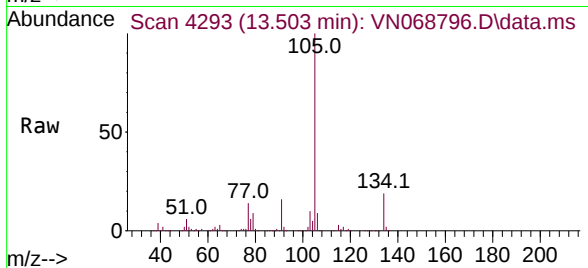




#85  
 sec-Butylbenzene  
 Concen: 45.014 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

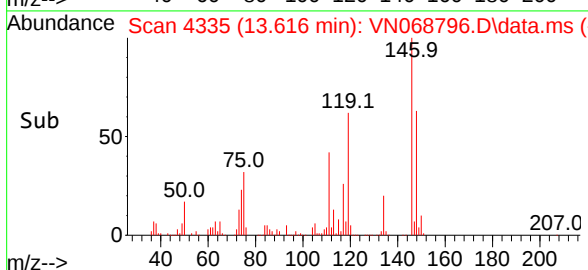
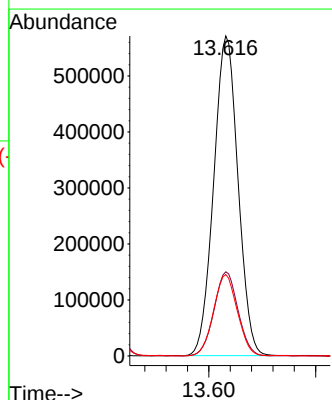
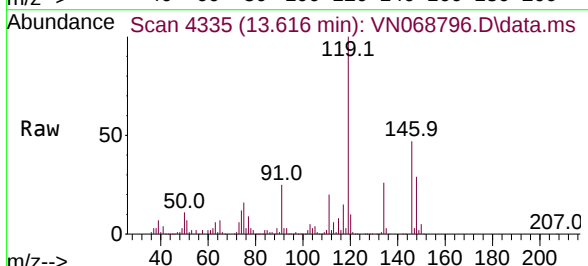
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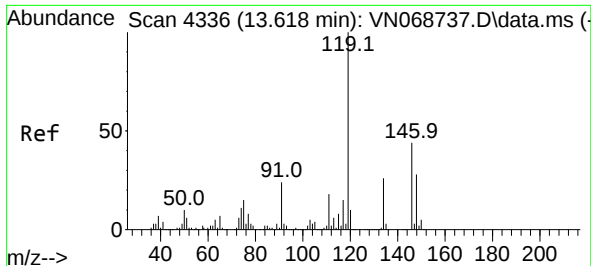
Tgt Ion:105 Resp: 1112863  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 45.954 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.002 min  
 Lab File: VN068796.D  
 Acq: 1 Oct 2021 20:39

Tgt Ion:119 Resp: 902440  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.4 37.4  
 91 24.8 14.8 44.3

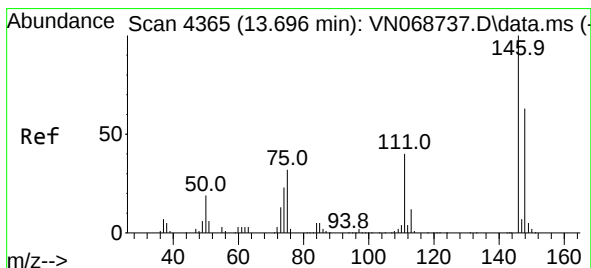
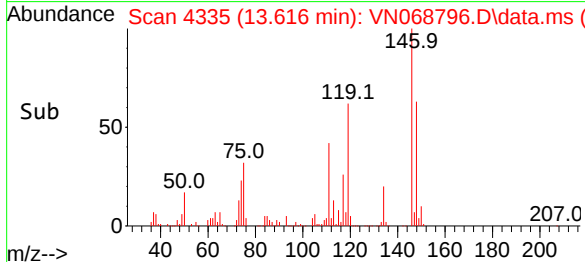
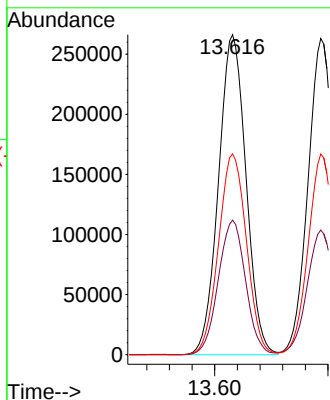
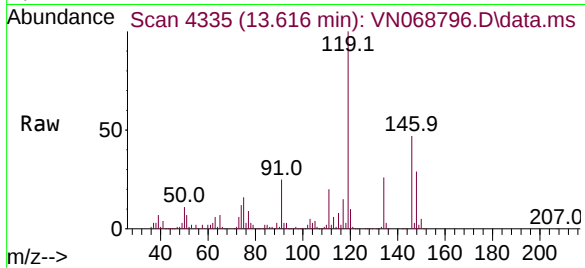




#87  
1,3-Dichlorobenzene  
Concen: 43.487 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

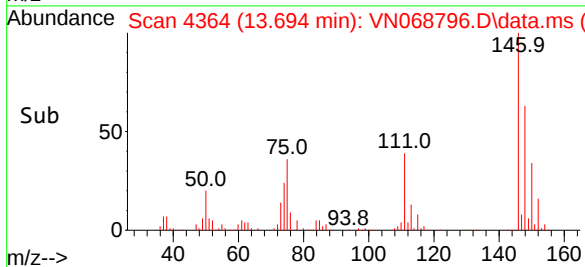
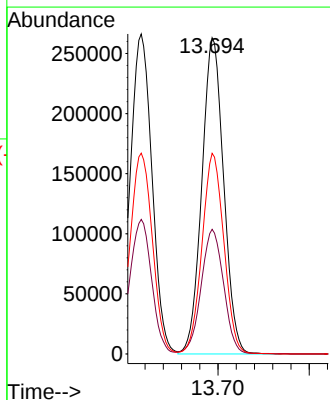
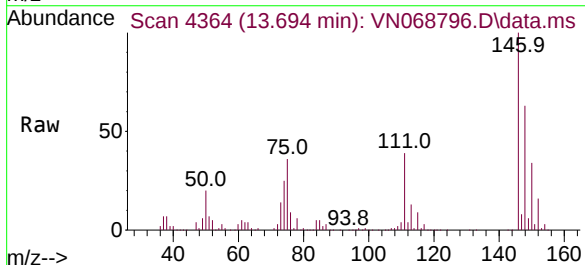
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MSVOA\_N  
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RE137-20210921MS

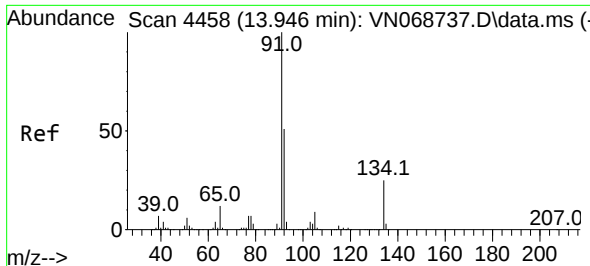
Tgt Ion:146 Resp: 448222  
Ion Ratio Lower Upper  
146 100  
111 41.7 24.3 72.8  
148 64.0 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 42.639 ug/l  
RT: 13.694 min Scan# 4364  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:146 Resp: 437414  
Ion Ratio Lower Upper  
146 100  
111 40.3 23.4 70.2  
148 63.7 31.8 95.3

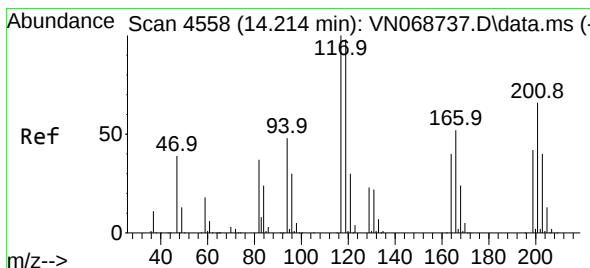
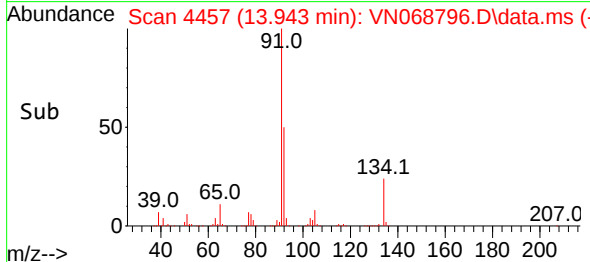
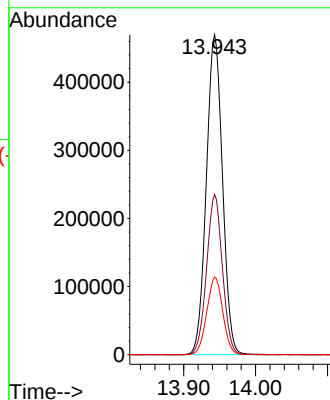
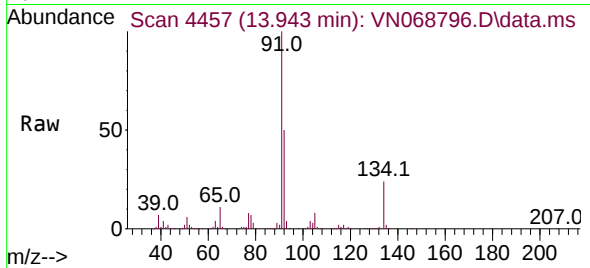




#89  
n-Butylbenzene  
Concen: 42.333 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

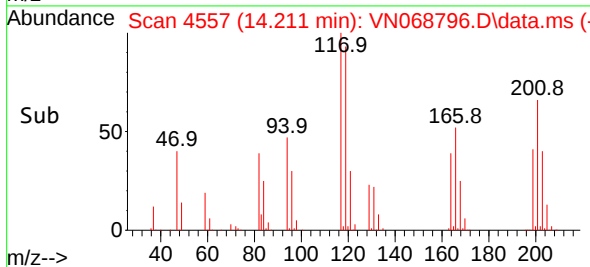
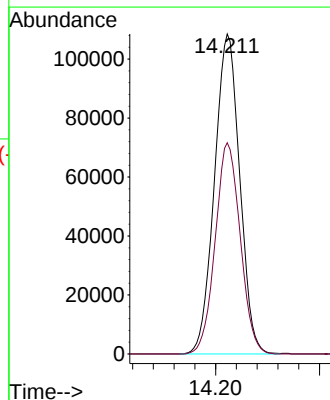
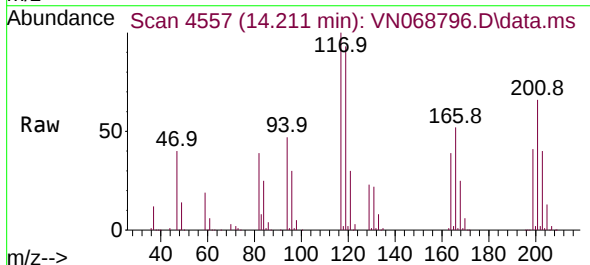
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RE137-20210921MS

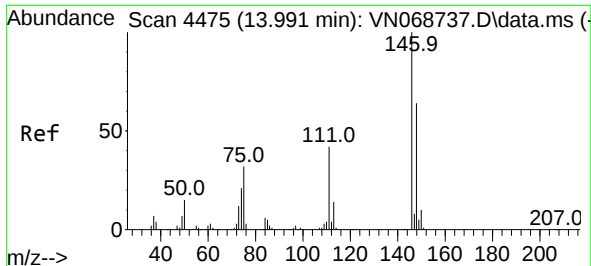
Tgt Ion: 91 Resp: 734859  
Ion Ratio Lower Upper  
91 100  
92 49.1 25.7 77.1  
134 24.1 11.2 33.6



#90  
Hexachloroethane  
Concen: 45.808 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 117 Resp: 182986  
Ion Ratio Lower Upper  
117 100  
201 65.4 33.5 100.5

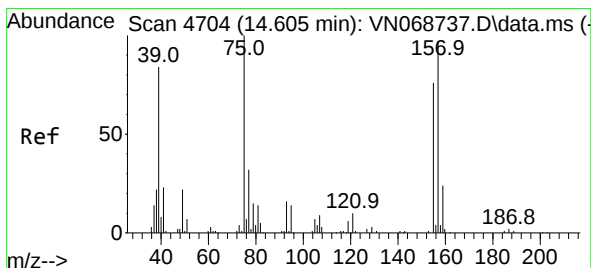
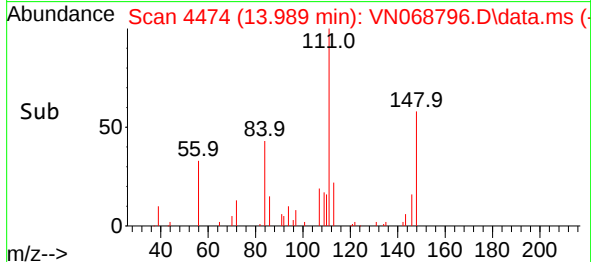
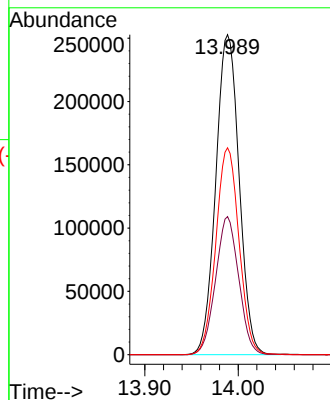
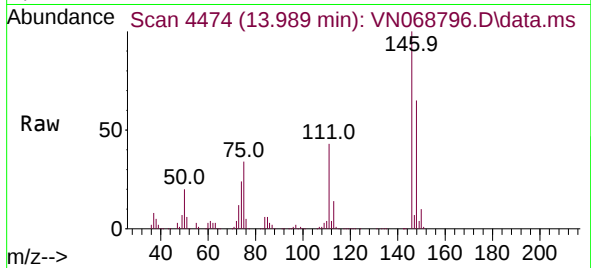




#91  
1,2-Dichlorobenzene  
Concen: 44.265 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

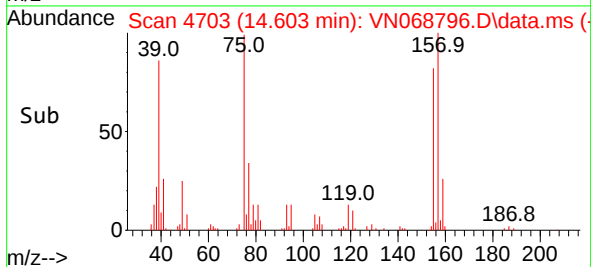
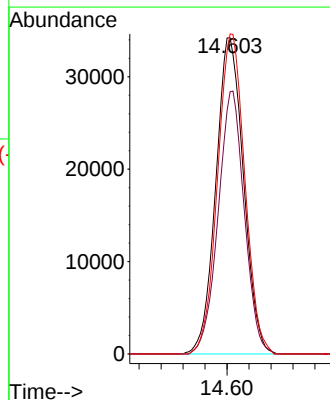
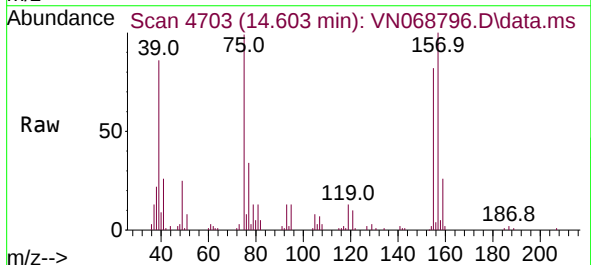
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

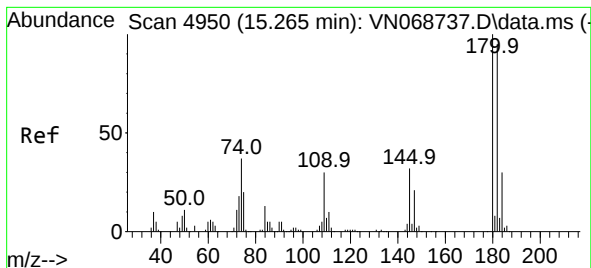
Tgt Ion:146 Resp: 439293  
Ion Ratio Lower Upper  
146 100  
111 42.9 24.9 74.6  
148 64.3 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.519 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion: 75 Resp: 59705  
Ion Ratio Lower Upper  
75 100  
155 78.7 29.8 89.5  
157 99.6 37.6 112.8





#93

1,2,4-Trichlorobenzene

Concen: 41.290 ug/l

RT: 15.262 min Scan# 4949

Delta R.T. -0.003 min

Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

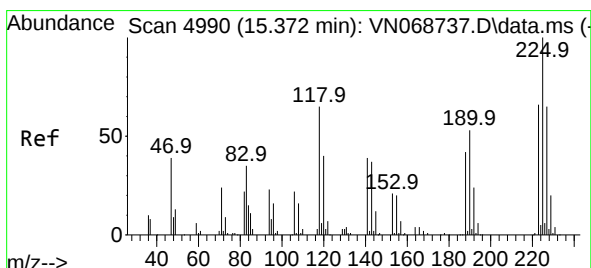
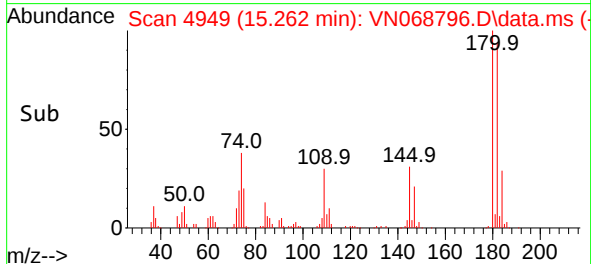
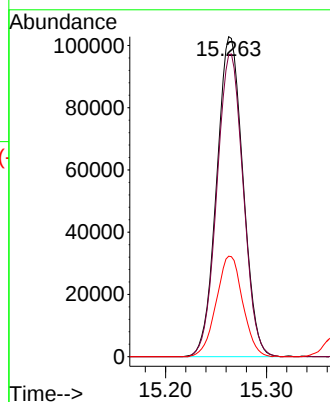
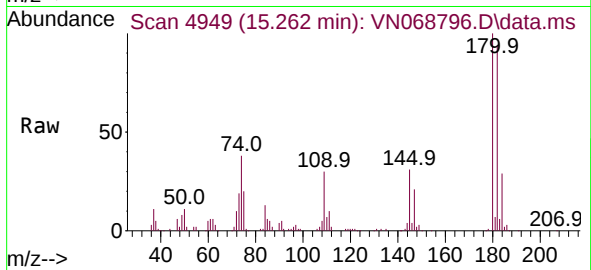
Tgt Ion:180 Resp: 185925

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 31.6 17.2 51.6



#94

Hexachlorobutadiene

Concen: 39.337 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. -0.002 min

Lab File: VN068796.D

Acq: 1 Oct 2021 20:39

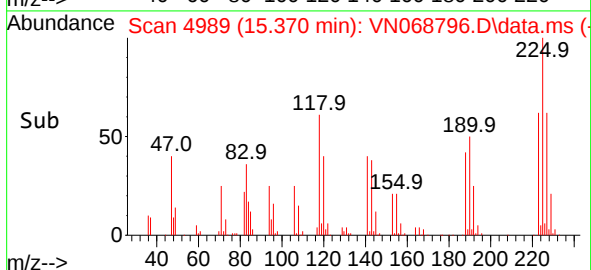
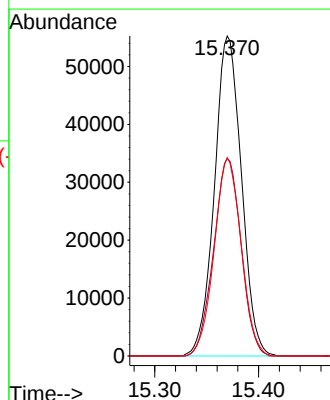
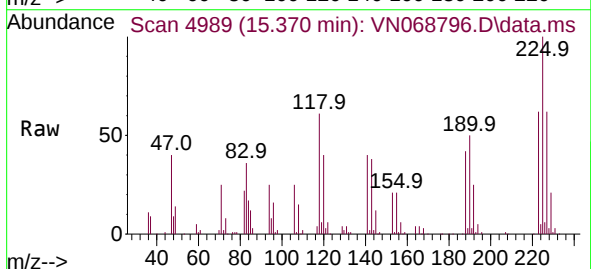
Tgt Ion:225 Resp: 99839

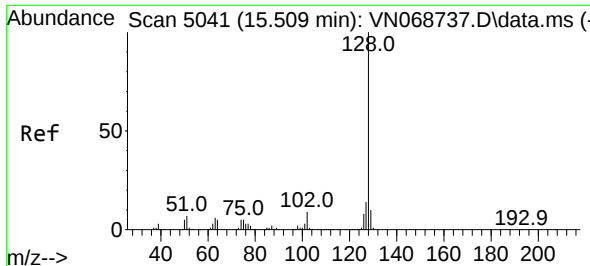
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.0

227 61.9 31.2 93.6

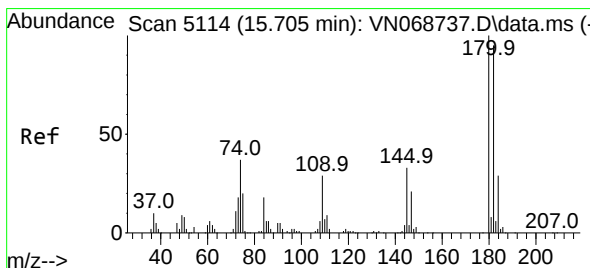
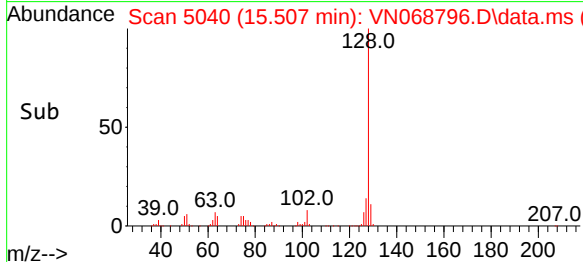
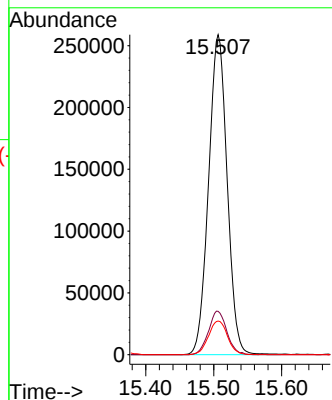
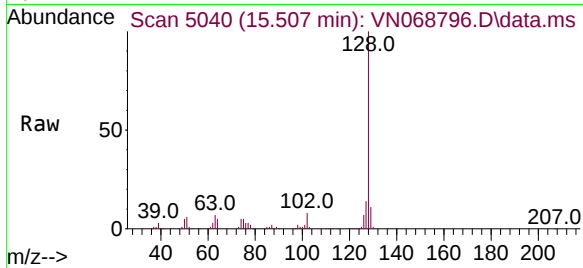




#95  
Naphthalene  
Concen: 38.507 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.002 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE137-20210921MS

Tgt Ion:128 Resp: 491166  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.6 15.8  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 42.317 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.003 min  
Lab File: VN068796.D  
Acq: 1 Oct 2021 20:39

Tgt Ion:180 Resp: 182730  
Ion Ratio Lower Upper  
180 100  
182 92.9 47.8 143.3  
145 33.5 18.2 54.6

