

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110121\  
 Data File : VN069335.D  
 Acq On : 1 Nov 2021 21:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 02 05:51:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 28 16:09:15 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 239929   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 424500   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 406958   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 194107   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 184442   | 53.253   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 106.500% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 137403   | 51.925   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 103.840% |      |
| 50) Toluene-d8              | 10.443 | 98    | 554466   | 52.406   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 104.820% |      |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 215015   | 53.855   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 107.700% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 132943  | 47.330  | ug/l | 99  |
| 3) Chloromethane             | 2.303 | 50  | 139756  | 48.696  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.443 | 62  | 166735  | 47.979  | ug/l | 100 |
| 5) Bromomethane              | 2.848 | 94  | 110427  | 54.741  | ug/l | 97  |
| 6) Chloroethane              | 3.014 | 64  | 109032  | 52.151  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 3.371 | 101 | 261000  | 61.335  | ug/l | 99  |
| 8) Diethyl Ether             | 3.821 | 74  | 84188   | 55.617  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.202 | 101 | 116677  | 51.691  | ug/l | 98  |
| 10) Methyl Iodide            | 4.414 | 142 | 141717  | 43.282  | ug/l | 96  |
| 11) Tert butyl alcohol       | 5.382 | 59  | 150444  | 224.876 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 110195  | 51.062  | ug/l | 99  |
| 13) Acrolein                 | 4.044 | 56  | 27454   | 180.002 | ug/l | 96  |
| 14) Allyl chloride           | 4.838 | 41  | 188476  | 49.369  | ug/l | 97  |
| 15) Acrylonitrile            | 5.557 | 53  | 374976  | 256.666 | ug/l | 98  |
| 16) Acetone                  | 4.291 | 43  | 335965  | 227.673 | ug/l | 99  |
| 17) Carbon Disulfide         | 4.524 | 76  | 259818  | 45.213  | ug/l | 99  |
| 18) Methyl Acetate           | 4.859 | 43  | 256505  | 51.151  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.621 | 73  | 433074  | 51.004  | ug/l | 98  |
| 20) Methylene Chloride       | 5.093 | 84  | 136527  | 48.235  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.597 | 96  | 120929  | 49.626  | ug/l | 94  |
| 22) Diisopropyl ether        | 6.501 | 45  | 418051  | 47.077  | ug/l | 97  |
| 23) Vinyl Acetate            | 6.436 | 43  | 1621224 | 230.166 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 236675  | 51.871  | ug/l | 99  |
| 25) 2-Butanone               | 7.340 | 43  | 523007  | 231.382 | ug/l | 97  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 175015  | 39.246  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 147771  | 51.323  | ug/l | 98  |
| 28) Bromochloromethane       | 7.659 | 49  | 117564  | 51.426  | ug/l | 96  |
| 29) Tetrahydrofuran          | 7.689 | 42  | 346746  | 238.677 | ug/l | 96  |
| 30) Chloroform               | 7.820 | 83  | 259794  | 52.377  | ug/l | 98  |
| 31) Cyclohexane              | 8.094 | 56  | 220099  | 47.483  | ug/l | 95  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 229128  | 47.242  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.223 | 75  | 186948  | 51.083  | ug/l | 98  |
| 37) Ethyl Acetate            | 7.415 | 43  | 209257  | 50.177  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.209 | 117 | 195333  | 46.858  | ug/l | 100 |
| 39) Methylcyclohexane        | 9.462 | 83  | 224662  | 49.579  | ug/l | 97  |
| 40) Benzene                  | 8.461 | 78  | 564049  | 51.242  | ug/l | 99  |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 02 05:51:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 28 16:09:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.641  | 41   | 101512   | 49.374  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 213633   | 51.572  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 347200   | 47.758  | ug/l   | 99       |
| 44) Trichloroethene           | 9.218  | 130  | 137817   | 49.720  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 144845   | 51.685  | ug/l   | 99       |
| 46) Dibromomethane            | 9.580  | 93   | 104707   | 52.588  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.762  | 83   | 199056   | 46.761  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 151845   | 48.243  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.572  | 88   | 66405    | 875.522 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1103794  | 233.586 | ug/l   | 99       |
| 52) Toluene                   | 10.505 | 92   | 367074   | 50.848  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 213485   | 44.365  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 224446   | 44.863  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 149105   | 51.483  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 245030   | 46.182  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 249255   | 51.591  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 341177   | 231.339 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 822534   | 227.950 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 148638   | 45.273  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 157951   | 47.796  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.977 | 164  | 121011   | 46.553  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.771 | 112  | 393695   | 49.158  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 145068   | 46.901  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 732758   | 50.223  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.953 | 106  | 552452   | 101.652 | ug/l   | 99       |
| 69) o-Xylene                  | 12.280 | 106  | 274960   | 50.269  | ug/l   | 100      |
| 70) Styrene                   | 12.294 | 104  | 457681   | 46.156  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 106134   | 42.527  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 727191   | 44.569  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.388 | 43   | 286985   | 44.649  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 238270   | 45.747  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 296027   | 57.985  | ug/l   | 53       |
| 77) Bromobenzene              | 12.862 | 156  | 167682   | 43.809  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.921 | 91   | 835482   | 45.237  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 503205   | 43.262  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 605920   | 44.733  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 65417    | 38.763  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 494003   | 43.061  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 529219   | 44.781  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 598845   | 45.202  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.503 | 105  | 750764   | 45.852  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 603020   | 46.179  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 299931   | 44.789  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 294005   | 45.222  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.943 | 91   | 506620   | 45.812  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.211 | 117  | 103855   | 40.557  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 292510   | 44.835  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 46227    | 43.044  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 138658   | 44.283  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 73353    | 45.690  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 418482   | 43.596  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 139447   | 45.496  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 21 Sample Multiplier: 1

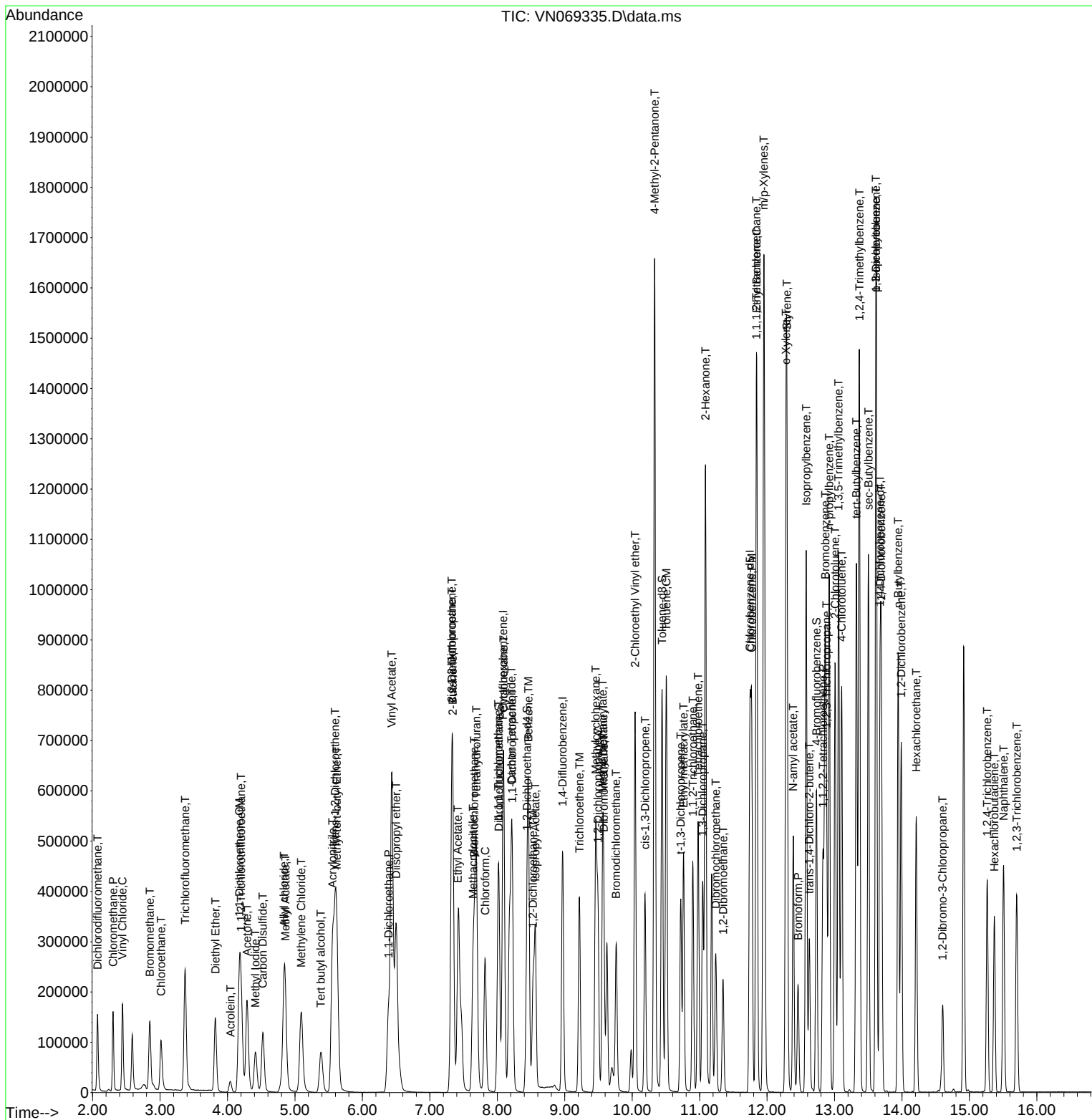
Instrument :  
MSVOA\_N  
ClientSampleId :

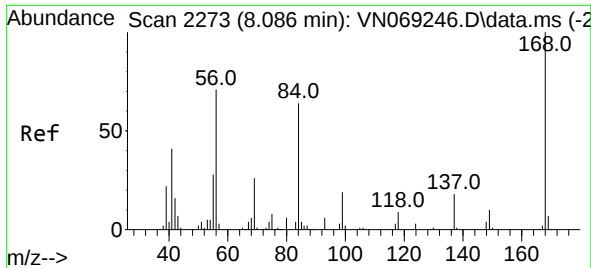
Quant Time: Nov 02 05:51:56 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 28 16:09:15 2021  
Response via : Initial Calibration

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

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

Quant Time: Nov 02 05:51:56 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 28 16:09:15 2021  
Response via : Initial Calibration

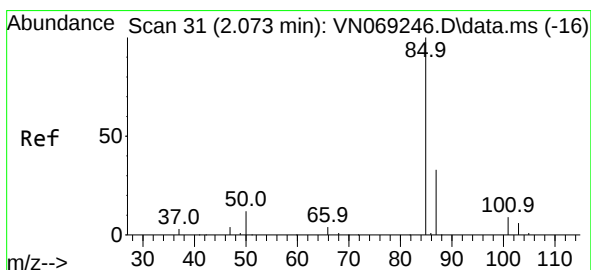
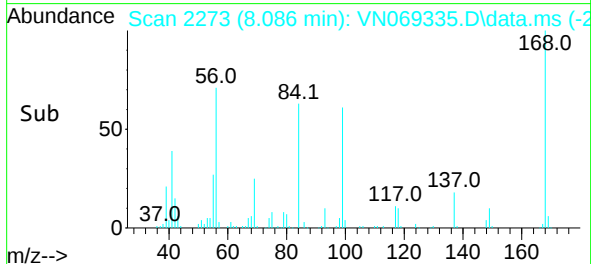
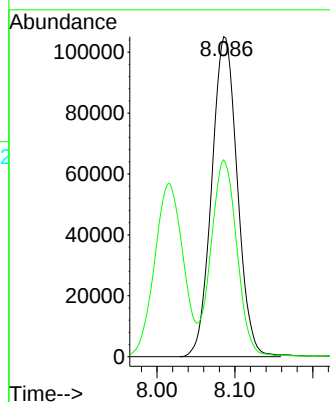
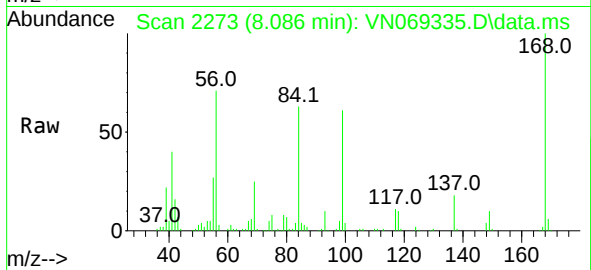




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

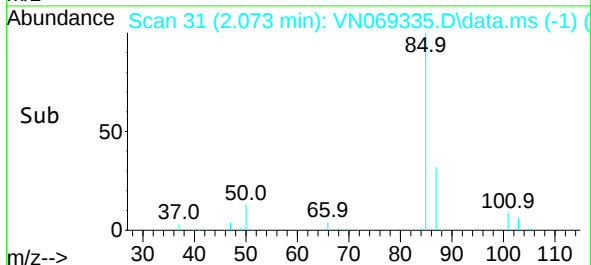
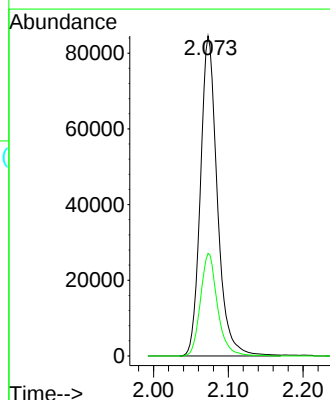
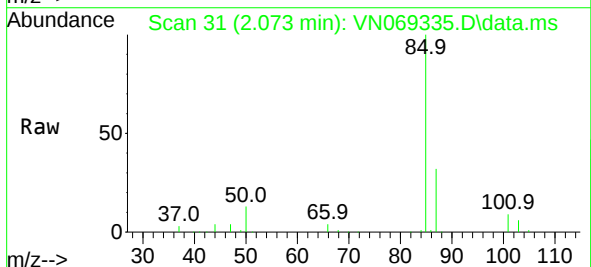
Instrument :  
MSVOA\_N  
ClientSampleId :

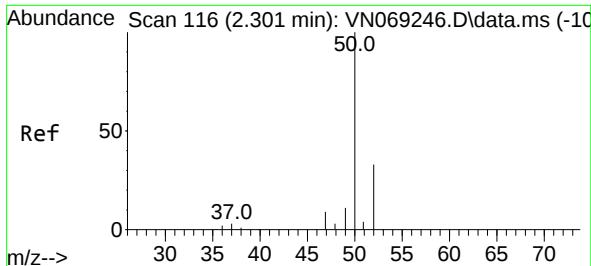
Tgt Ion:168 Resp: 239929  
Ion Ratio Lower Upper  
168 100  
99 61.2 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 47.330 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

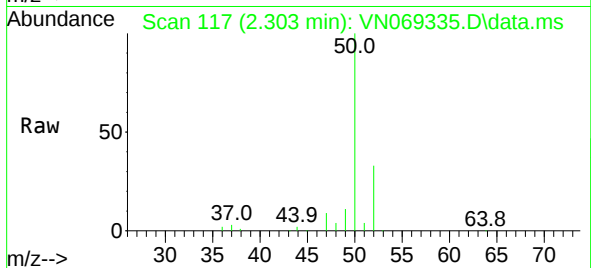
Tgt Ion: 85 Resp: 132943  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.3 48.8



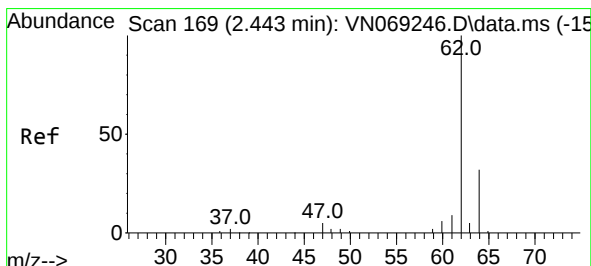
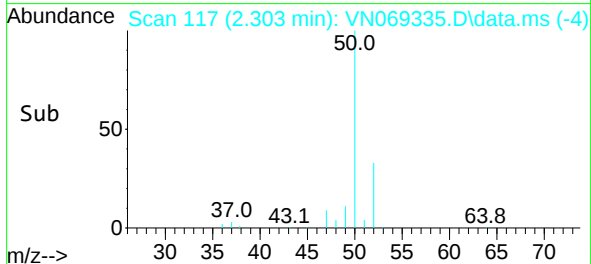
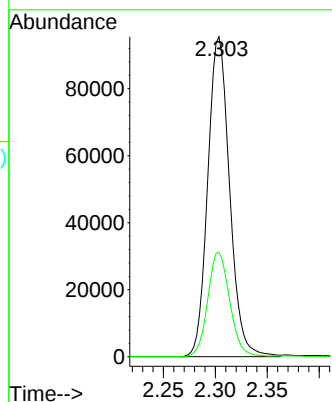


#3  
Chloromethane  
Concen: 48.696 ug/l  
RT: 2.303 min Scan# 116  
Delta R.T. 0.002 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

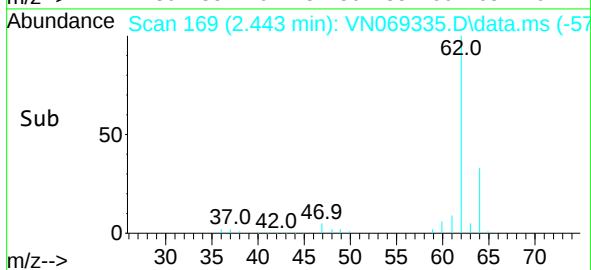
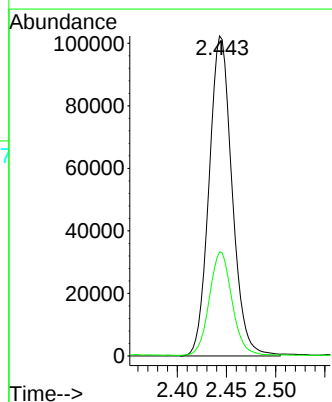
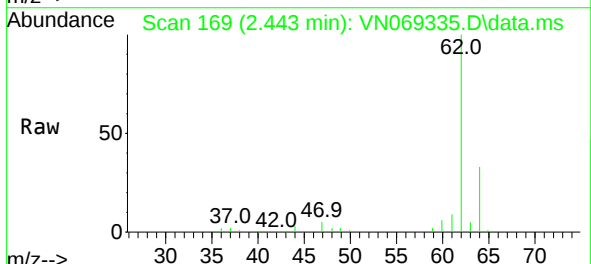


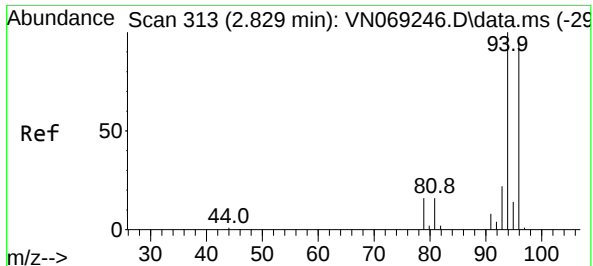
Tgt Ion: 50 Resp: 139756  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.3 39.5



#4  
Vinyl Chloride  
Concen: 47.979 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 62 Resp: 166735  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.7 38.5

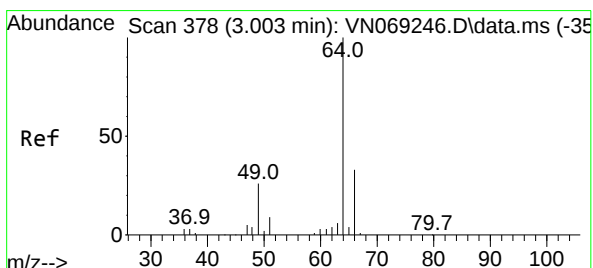
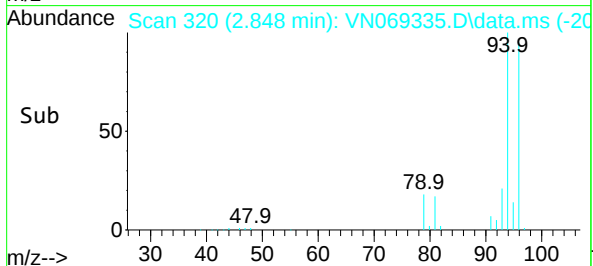
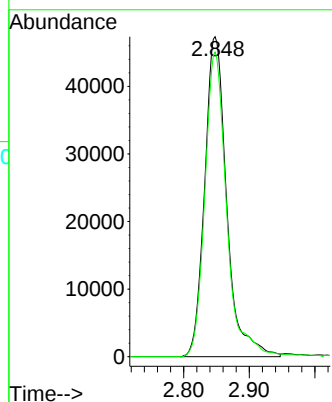
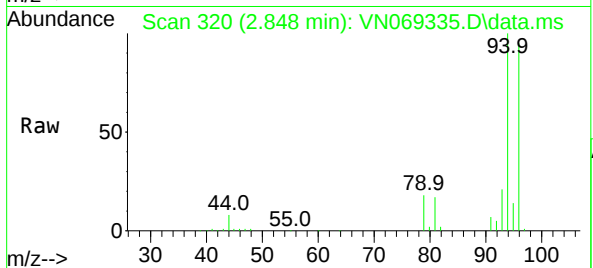




#5  
Bromomethane  
Concen: 54.741 ug/l  
RT: 2.848 min Scan# 31  
Delta R.T. 0.019 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

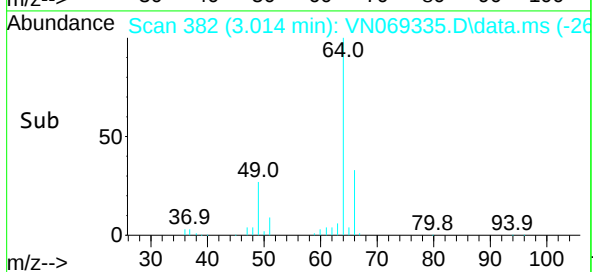
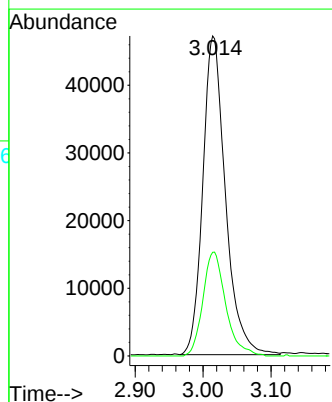
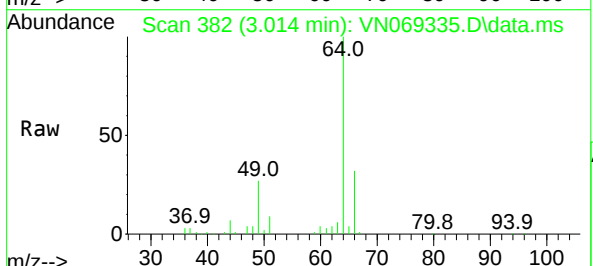
Instrument :  
MSVOA\_N  
ClientSampleId :

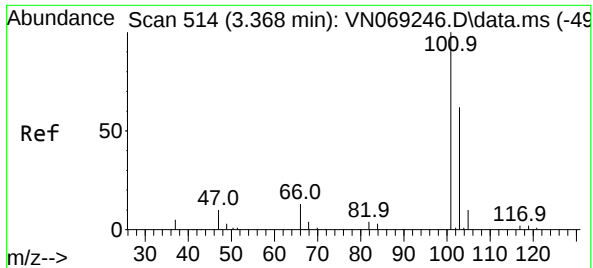
Tgt Ion: 94 Resp: 110427  
Ion Ratio Lower Upper  
94 100  
96 95.2 74.2 111.4



#6  
Chloroethane  
Concen: 52.151 ug/l  
RT: 3.014 min Scan# 382  
Delta R.T. 0.011 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 64 Resp: 109032  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.6 38.4

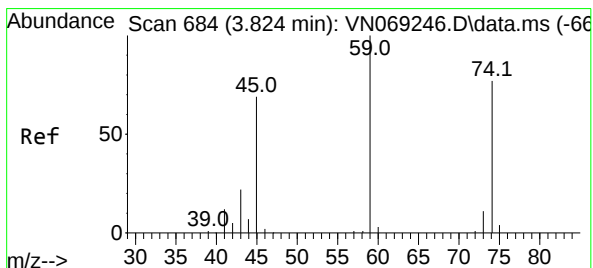
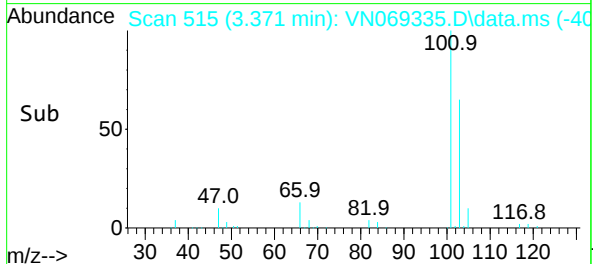
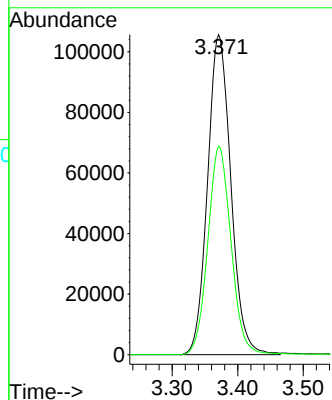
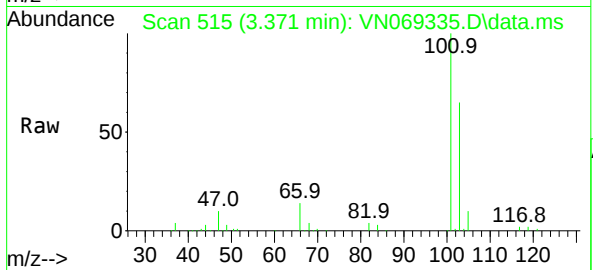




#7  
 Trichlorofluoromethane  
 Concen: 61.335 ug/l  
 RT: 3.371 min Scan# 514  
 Delta R.T. 0.003 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

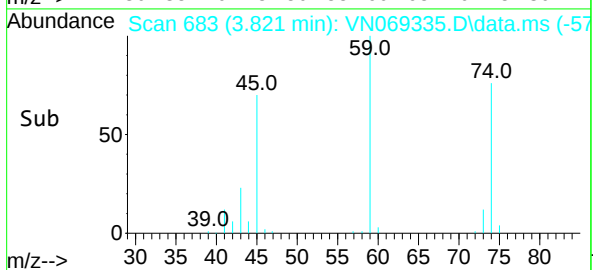
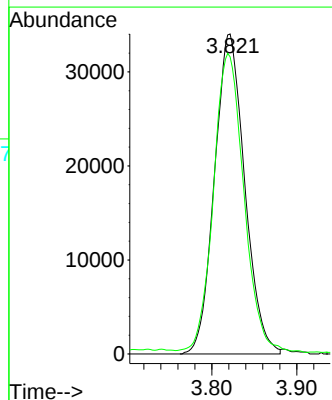
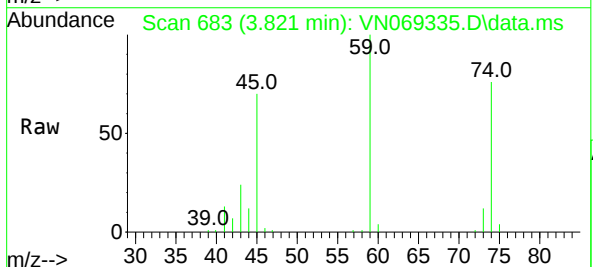
Instrument :  
 MSVOA\_N  
 ClientSampleId :

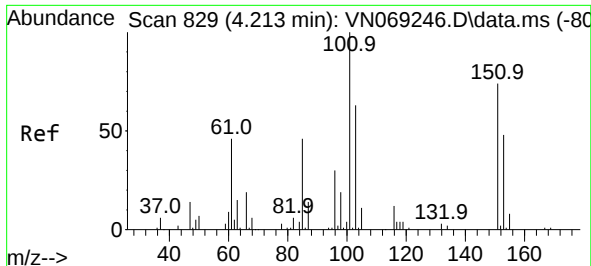
Tgt Ion:101 Resp: 261000  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 55.617 ug/l  
 RT: 3.821 min Scan# 683  
 Delta R.T. -0.003 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

Tgt Ion: 74 Resp: 84188  
 Ion Ratio Lower Upper  
 74 100  
 45 92.6 47.0 141.2

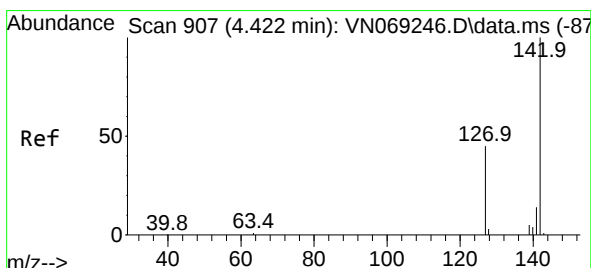
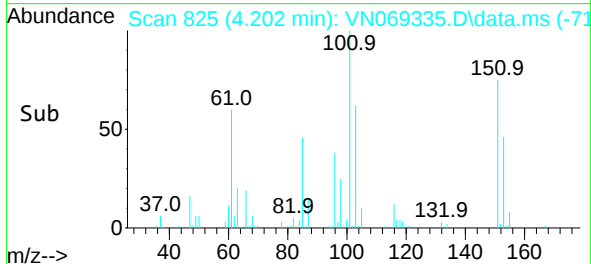
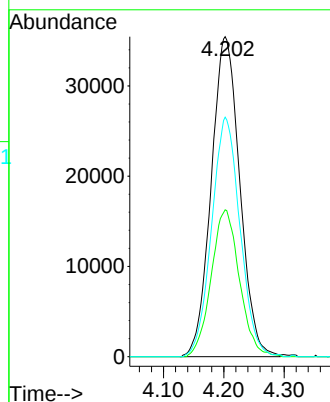
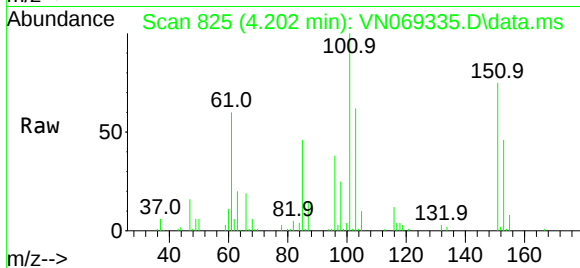




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.691 ug/l  
RT: 4.202 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

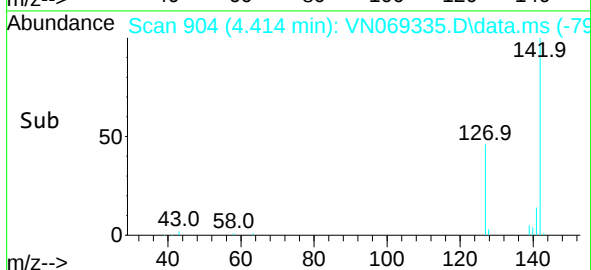
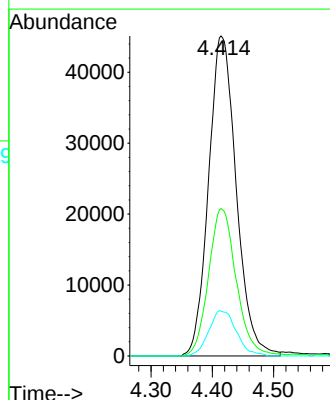
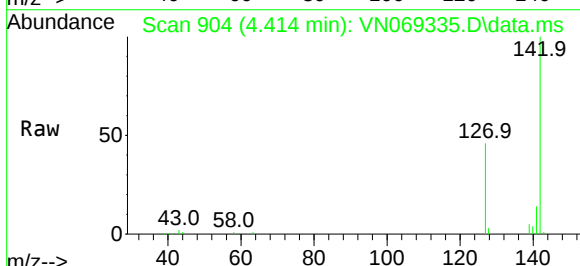
Instrument :  
MSVOA\_N  
ClientSampleId :

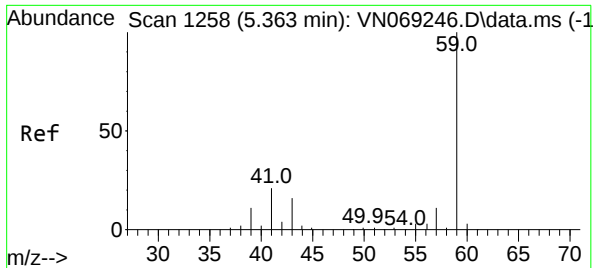
Tgt Ion:101 Resp: 116677  
Ion Ratio Lower Upper  
101 100  
85 45.4 37.2 55.8  
151 74.2 61.1 91.7



#10  
Methyl Iodide  
Concen: 43.282 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.008 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:142 Resp: 141717  
Ion Ratio Lower Upper  
142 100  
127 46.1 34.4 51.6  
141 14.1 11.3 16.9

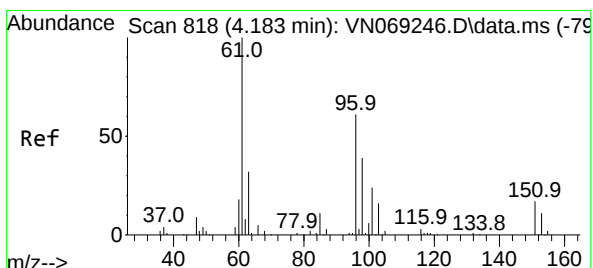
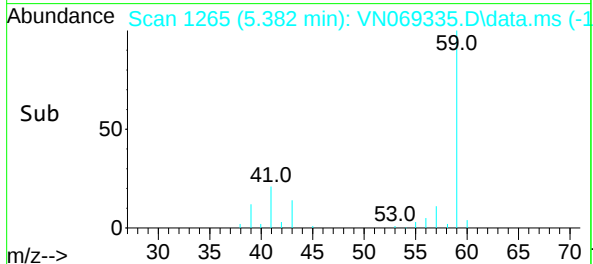
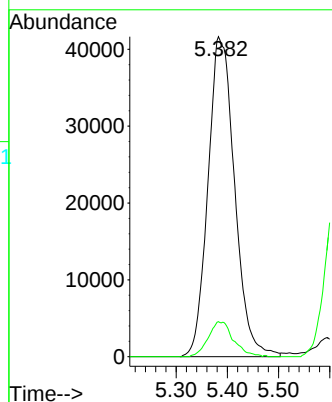
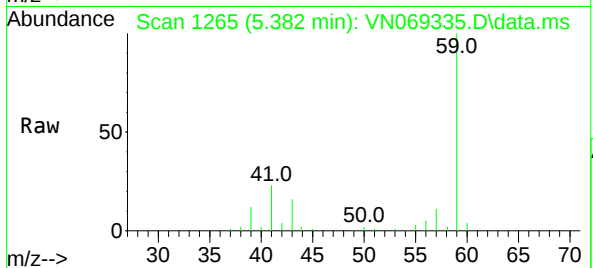




#11  
Tert butyl alcohol  
Concen: 224.876 ug/l  
RT: 5.382 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

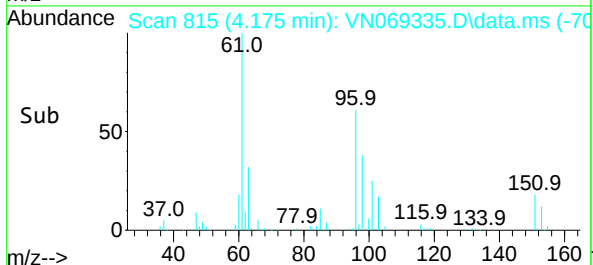
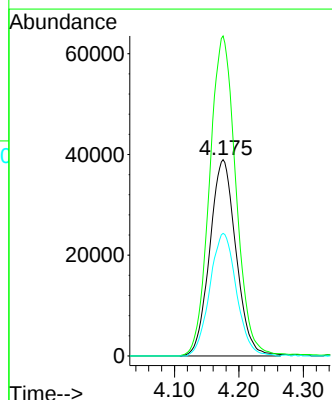
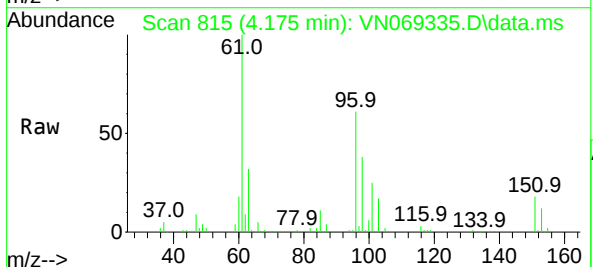
Instrument :  
MSVOA\_N  
ClientSampleId :

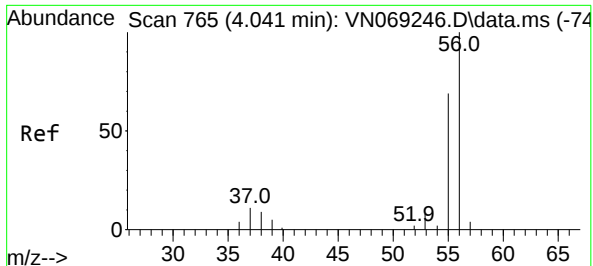
Tgt Ion: 59 Resp: 150444  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.062 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. -0.008 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

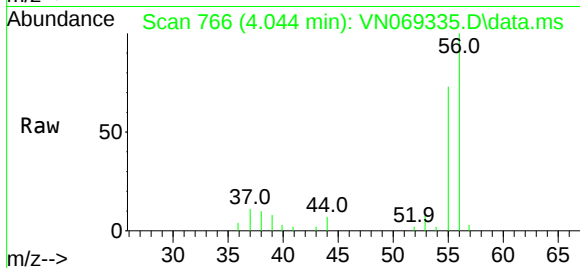
Tgt Ion: 96 Resp: 110195  
Ion Ratio Lower Upper  
96 100  
61 163.0 129.8 194.6  
98 62.5 51.4 77.2



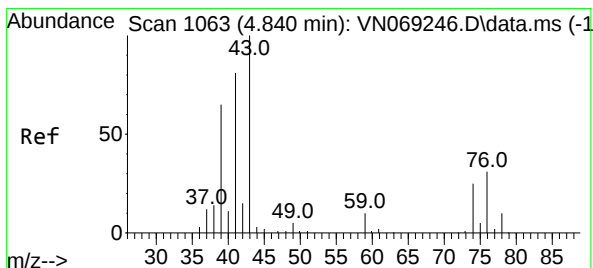
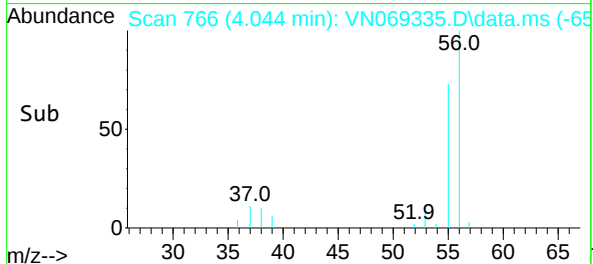
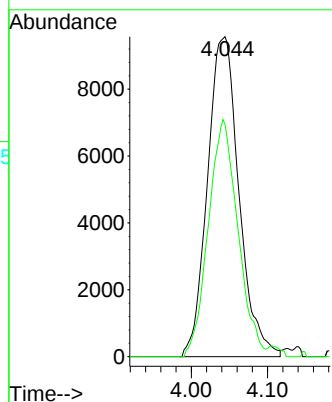


#13  
Acrolein  
Concen: 180.002 ug/l  
RT: 4.044 min Scan# 765  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

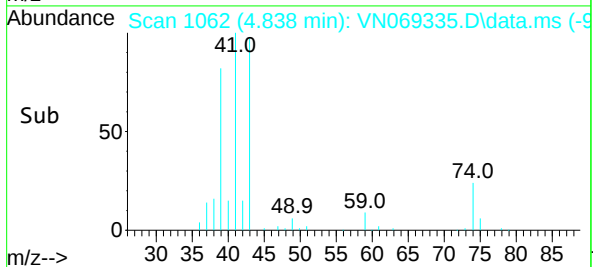
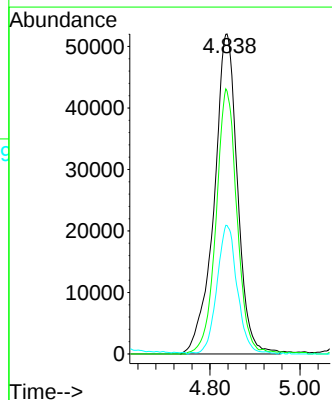
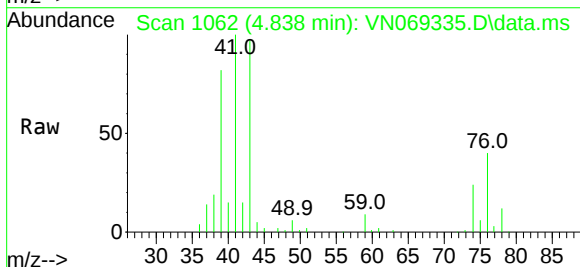


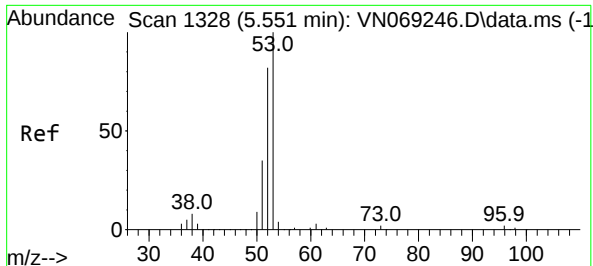
Tgt Ion: 56 Resp: 27454  
Ion Ratio Lower Upper  
56 100  
55 69.5 58.1 87.1



#14  
Allyl chloride  
Concen: 49.369 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. -0.002 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

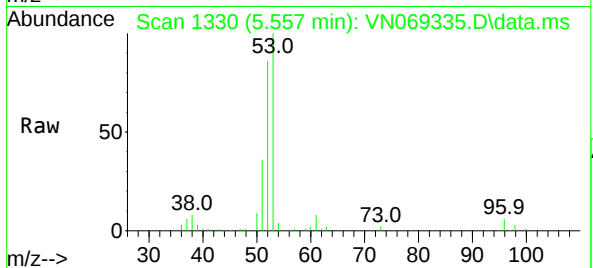
Tgt Ion: 41 Resp: 188476  
Ion Ratio Lower Upper  
41 100  
39 73.2 55.6 83.4  
76 33.7 26.4 39.6



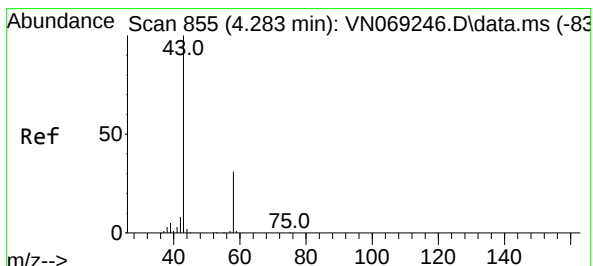
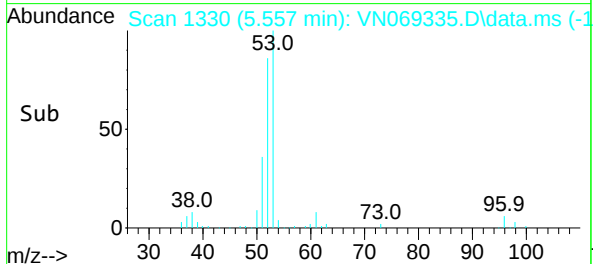
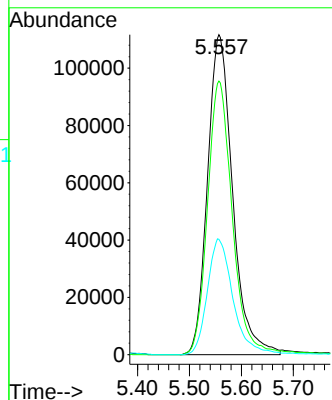


#15  
Acrylonitrile  
Concen: 256.666 ug/l  
RT: 5.557 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

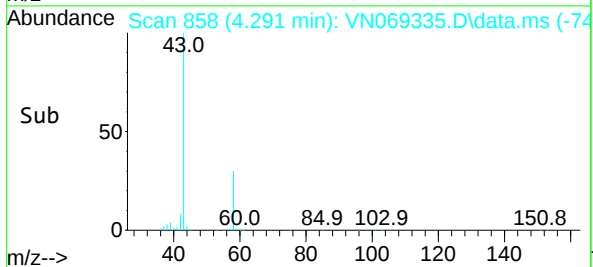
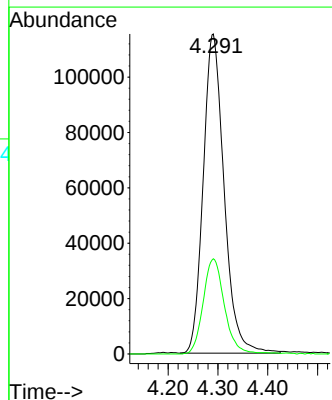
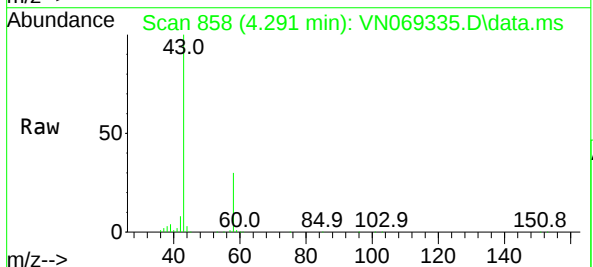


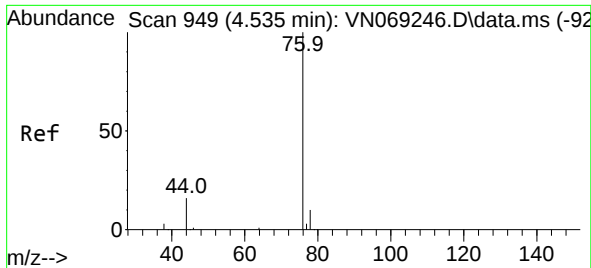
Tgt Ion: 53 Resp: 374976  
Ion Ratio Lower Upper  
53 100  
52 84.4 65.7 98.5  
51 37.1 28.9 43.3



#16  
Acetone  
Concen: 227.673 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.008 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 43 Resp: 335965  
Ion Ratio Lower Upper  
43 100  
58 29.8 24.5 36.7

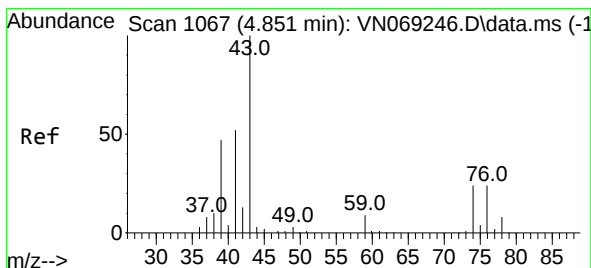
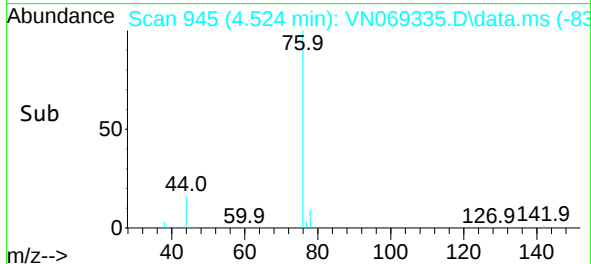
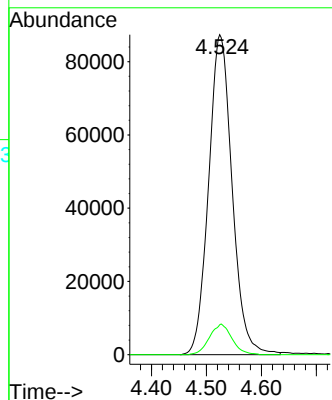
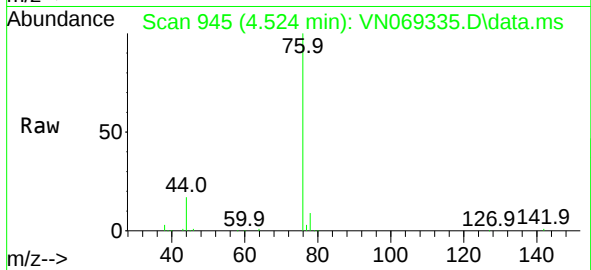




#17  
Carbon Disulfide  
Concen: 45.213 ug/l  
RT: 4.524 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

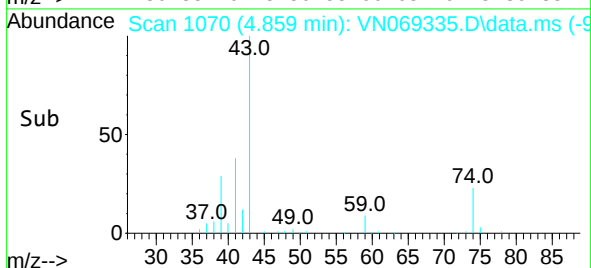
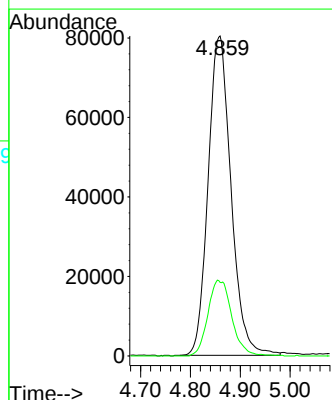
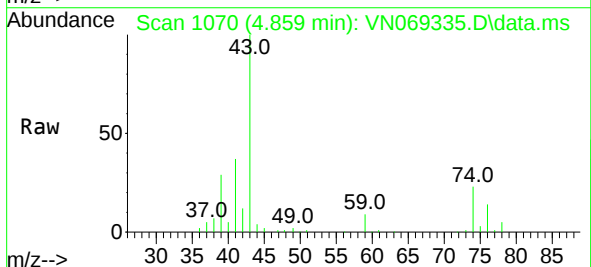
Instrument :  
MSVOA\_N  
ClientSampleId :

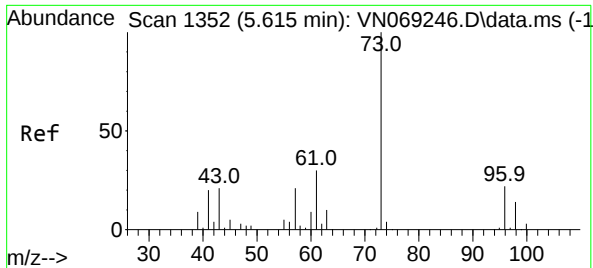
Tgt Ion: 76 Resp: 259818  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.151 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.008 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 43 Resp: 256505  
Ion Ratio Lower Upper  
43 100  
74 24.5 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 51.004 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

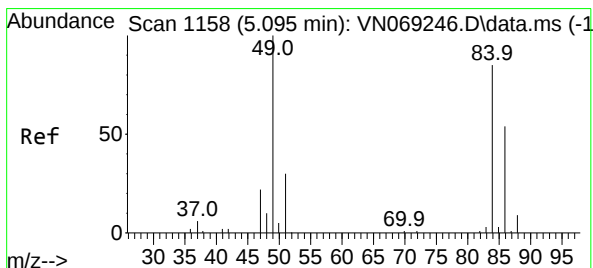
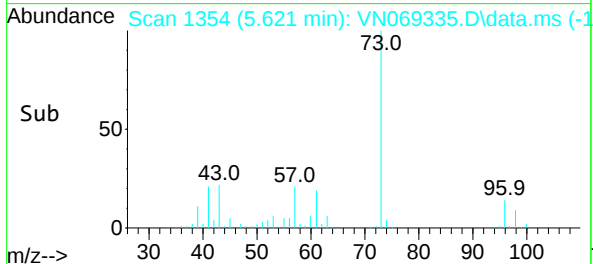
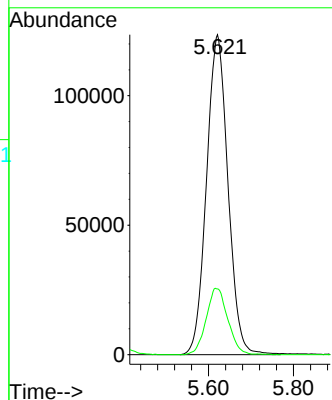
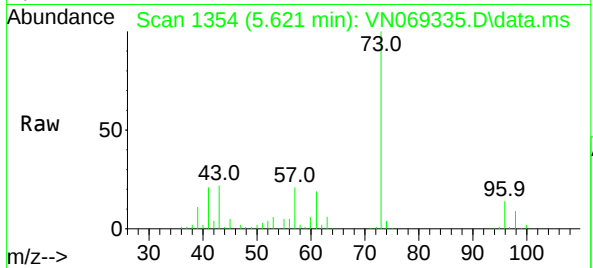
ClientSampleId :

Tgt Ion: 73 Resp: 433074

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 48.235 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Tgt Ion: 84 Resp: 136527

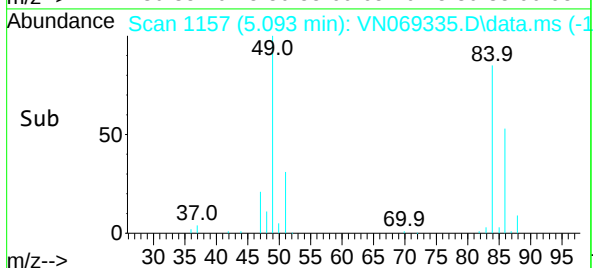
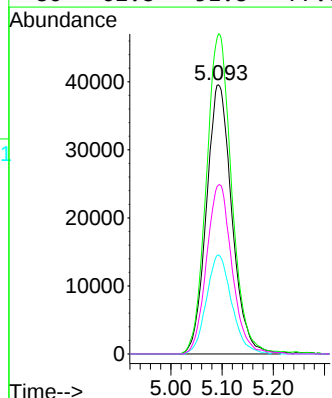
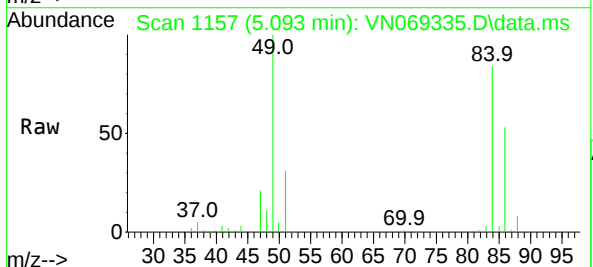
Ion Ratio Lower Upper

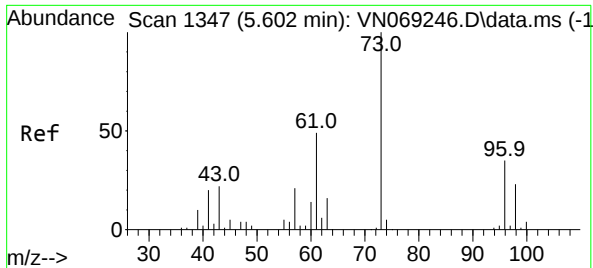
84 100

49 118.9 97.6 146.4

51 36.8 30.3 45.5

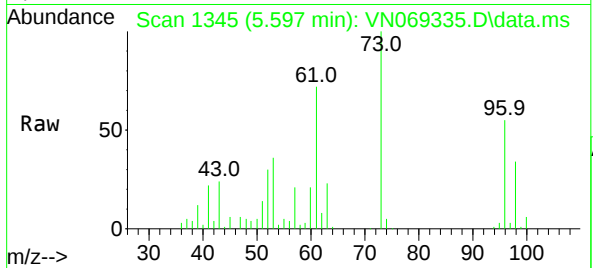
86 62.8 51.8 77.6



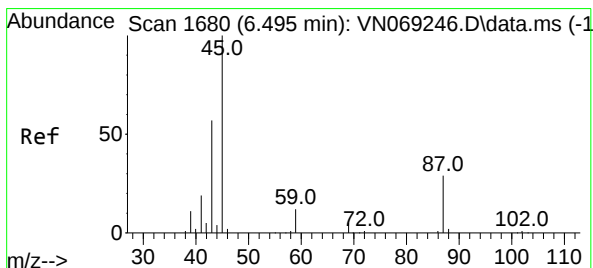
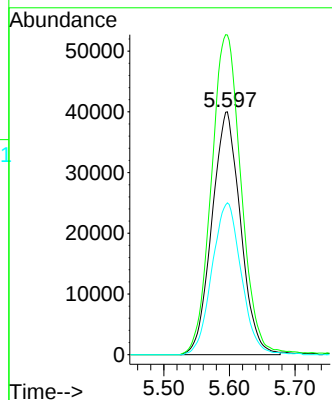
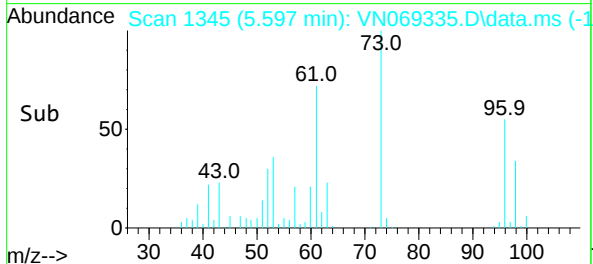


#21  
trans-1,2-Dichloroethene  
Concen: 49.626 ug/l  
RT: 5.597 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

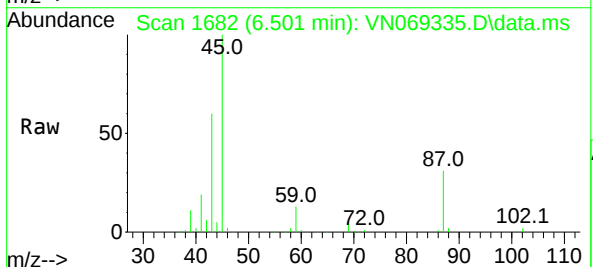
Instrument :  
MSVOA\_N  
ClientSampleId :



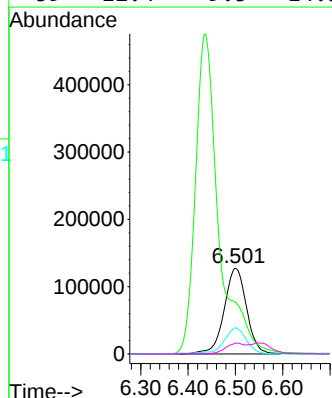
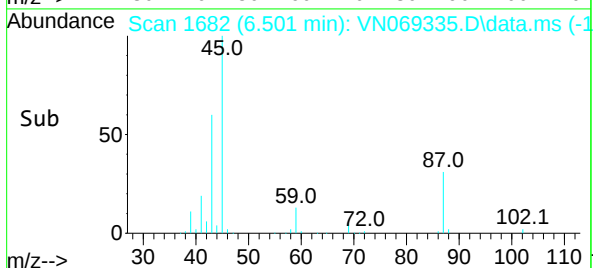
Tgt Ion: 96 Resp: 120929  
Ion Ratio Lower Upper  
96 100  
61 131.6 112.4 168.6  
98 62.5 52.0 78.0

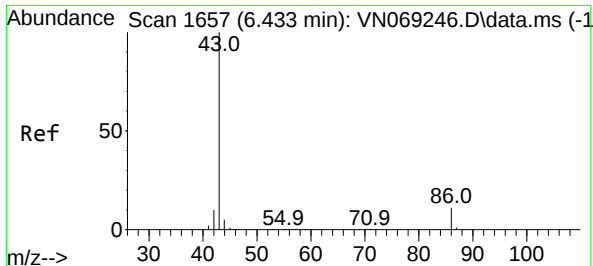


#22  
Diisopropyl ether  
Concen: 47.077 ug/l  
RT: 6.501 min Scan# 1682  
Delta R.T. 0.006 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41



Tgt Ion: 45 Resp: 418051  
Ion Ratio Lower Upper  
45 100  
43 57.7 48.0 72.0  
87 30.4 23.4 35.0  
59 12.4 9.5 14.3





#23

Vinyl Acetate

Concen: 230.166 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

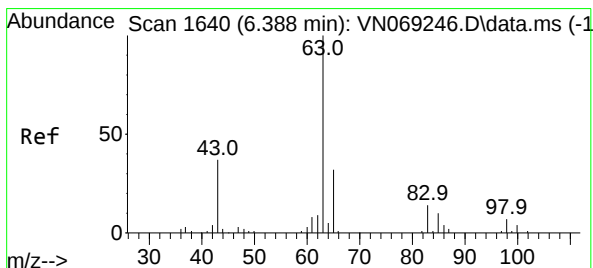
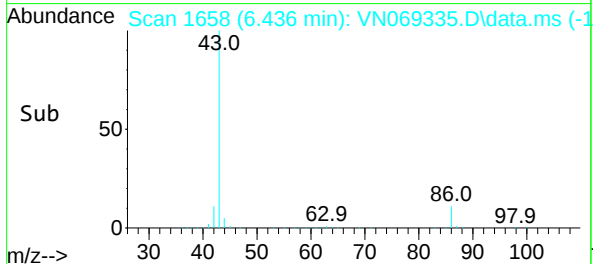
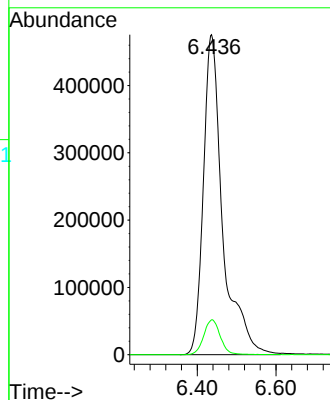
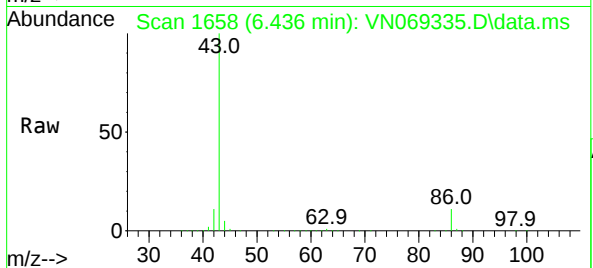
ClientSampleId :

Tgt Ion: 43 Resp: 1621224

Ion Ratio Lower Upper

43 100

86 10.9 8.3 12.5



#24

1,1-Dichloroethane

Concen: 51.871 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

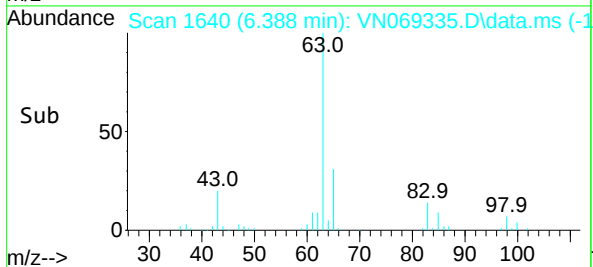
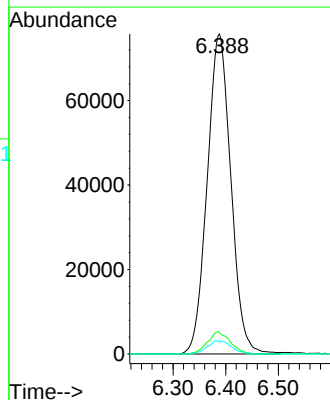
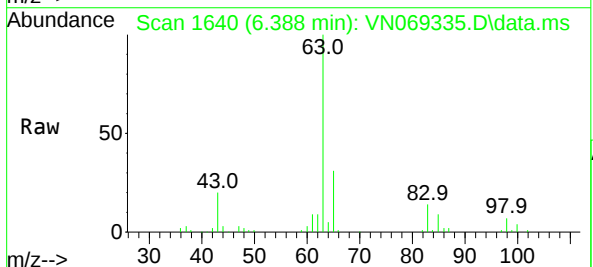
Tgt Ion: 63 Resp: 236675

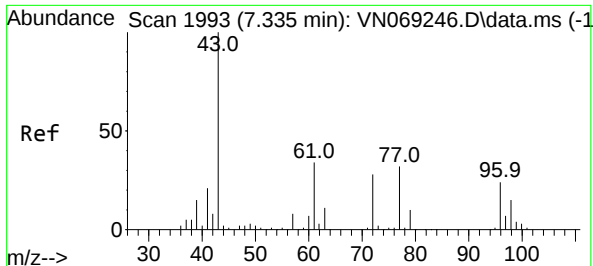
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 231.382 ug/l

RT: 7.340 min Scan# 1993

Delta R.T. 0.005 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

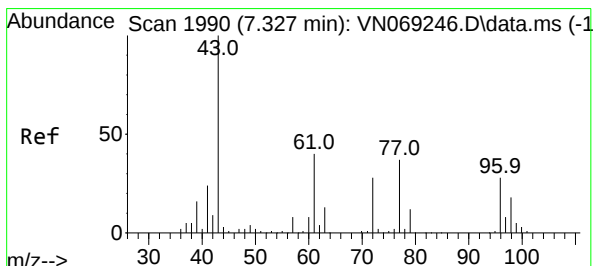
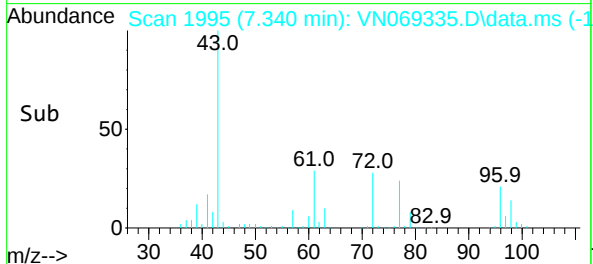
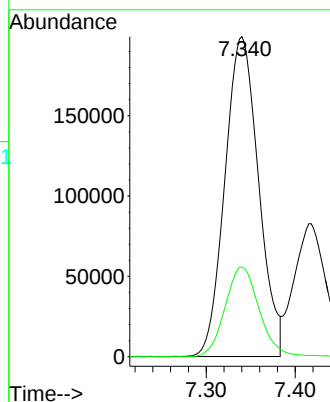
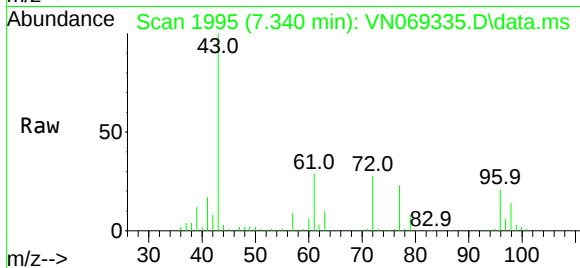
ClientSampleId :

Tgt Ion: 43 Resp: 523007

Ion Ratio Lower Upper

43 100

72 28.0 21.2 31.8



#26

2,2-Dichloropropane

Concen: 39.246 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069335.D

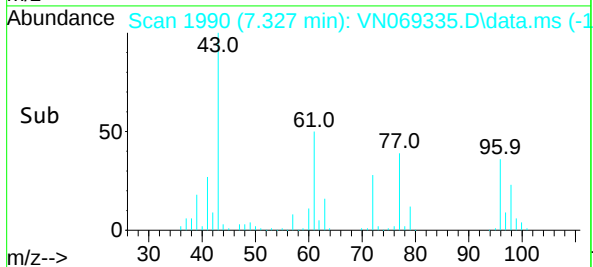
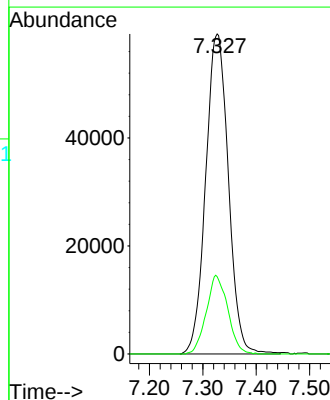
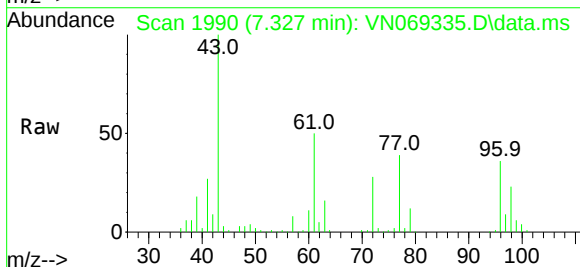
Acq: 1 Nov 2021 21:41

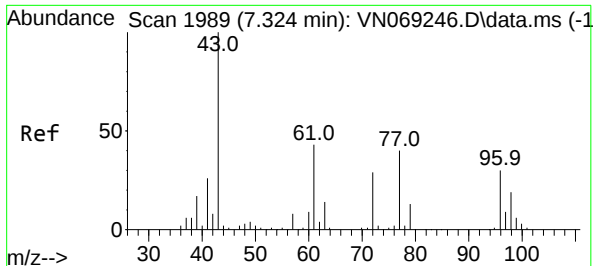
Tgt Ion: 77 Resp: 175015

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6

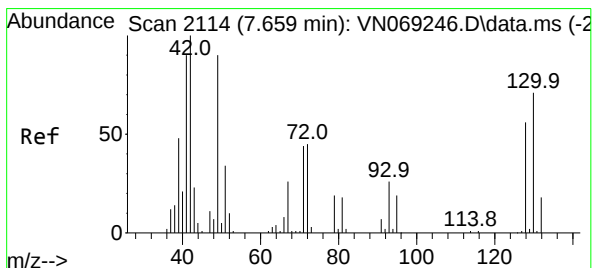
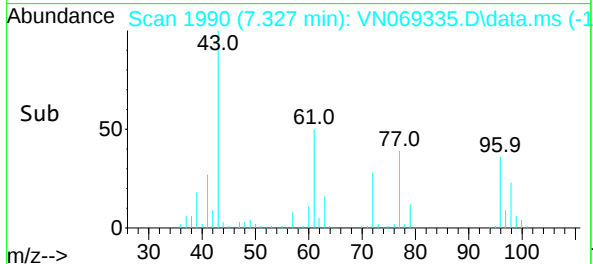
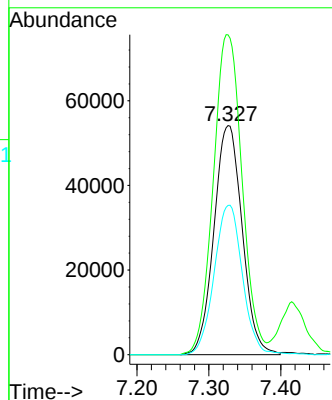
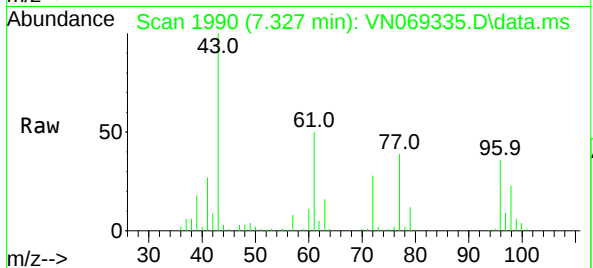




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.323 ug/l  
 RT: 7.327 min Scan# 1989  
 Delta R.T. 0.003 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

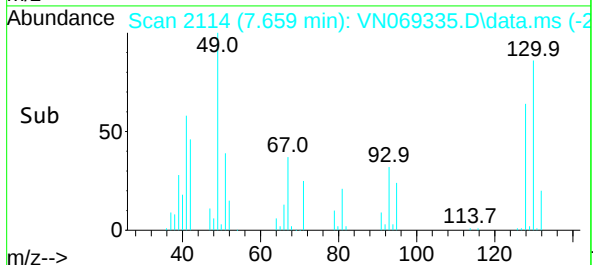
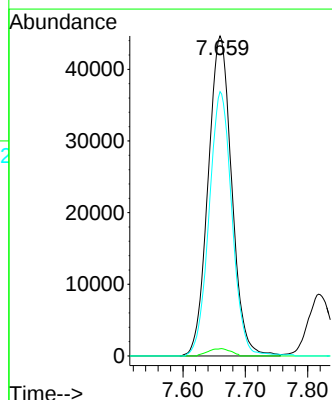
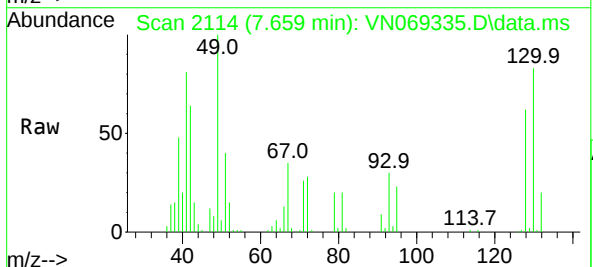
Instrument :  
 MSVOA\_N  
 ClientSampleId :

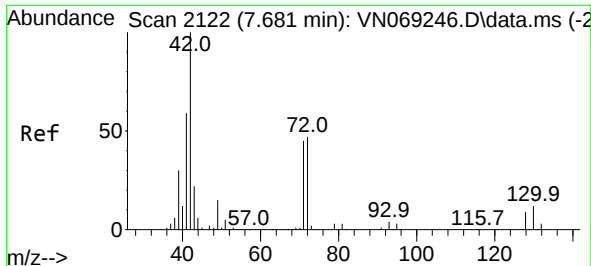
Tgt Ion: 96 Resp: 147771  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 0.0 290.6  
 98 65.1 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 51.426 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

Tgt Ion: 49 Resp: 117564  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.4  
 130 79.9 60.8 91.2





#29

Tetrahydrofuran

Concen: 238.677 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.008 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :

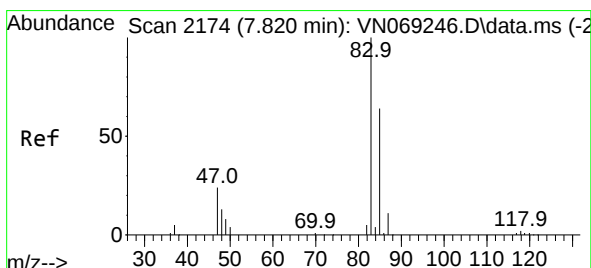
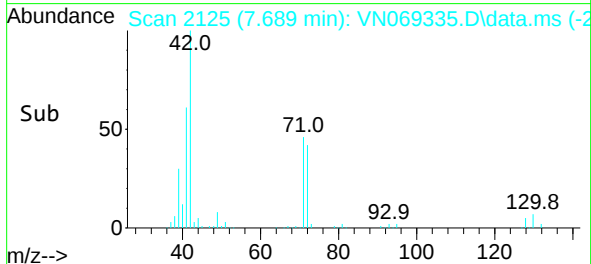
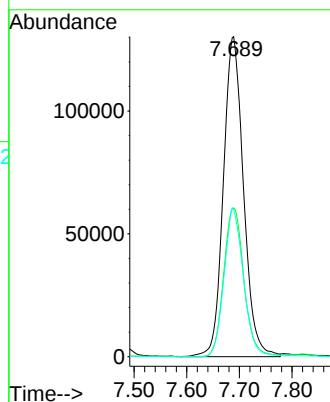
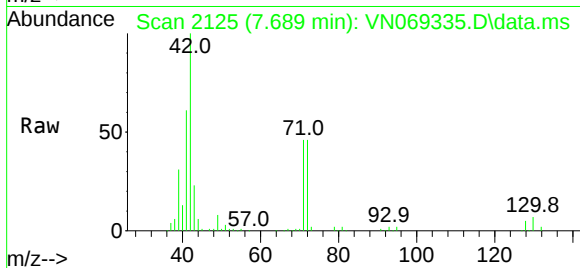
Tgt Ion: 42 Resp: 346746

Ion Ratio Lower Upper

42 100

72 46.5 35.4 53.2

71 44.8 33.8 50.6



#30

Chloroform

Concen: 52.377 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069335.D

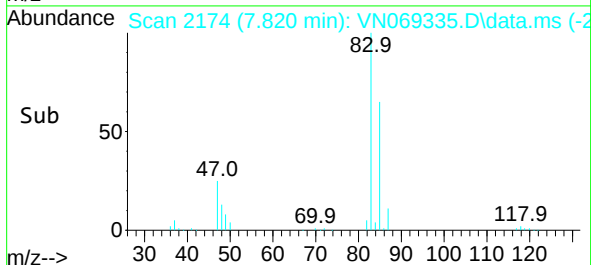
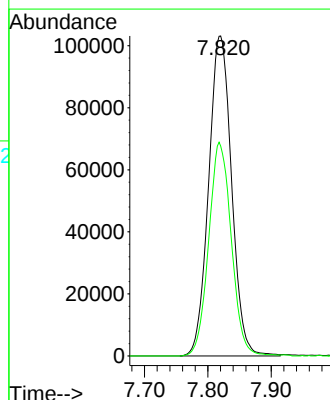
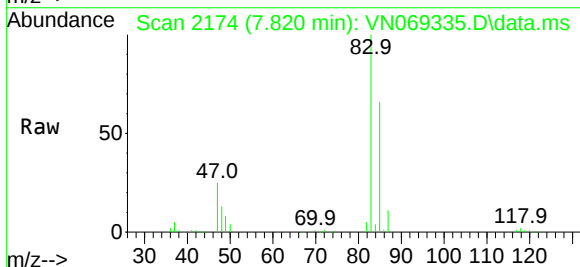
Acq: 1 Nov 2021 21:41

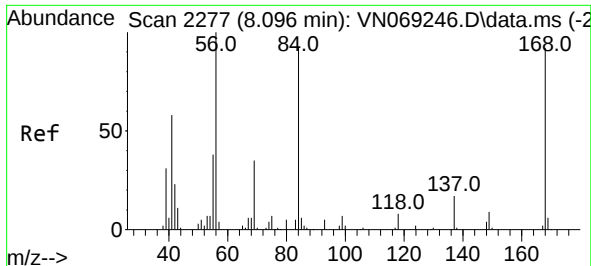
Tgt Ion: 83 Resp: 259794

Ion Ratio Lower Upper

83 100

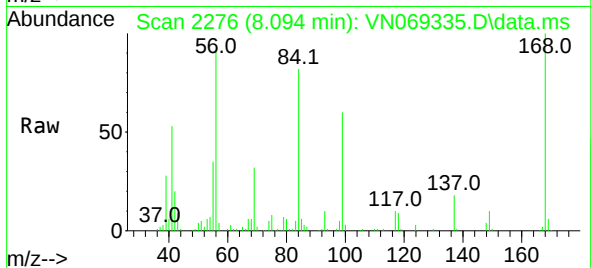
85 65.6 51.1 76.7



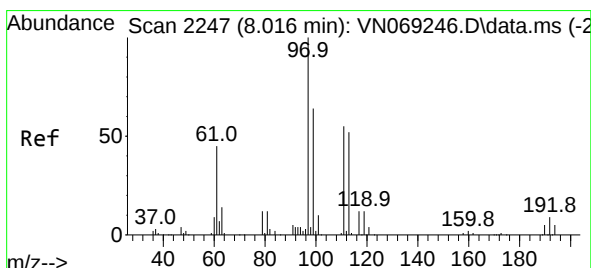
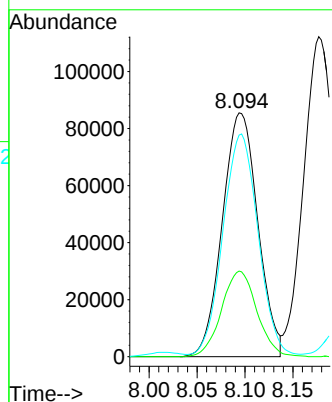
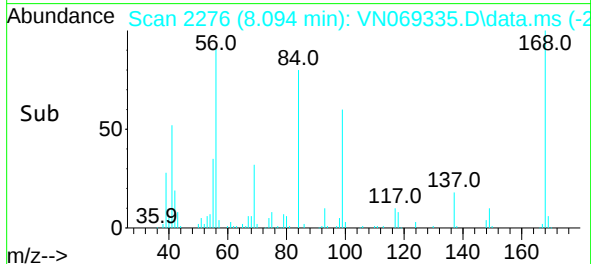


#31  
Cyclohexane  
Concen: 47.483 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

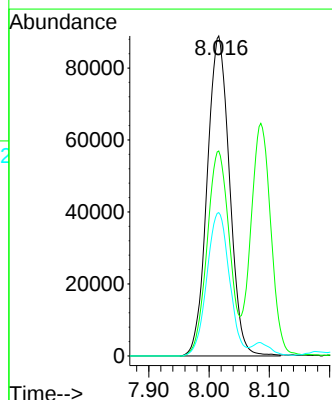
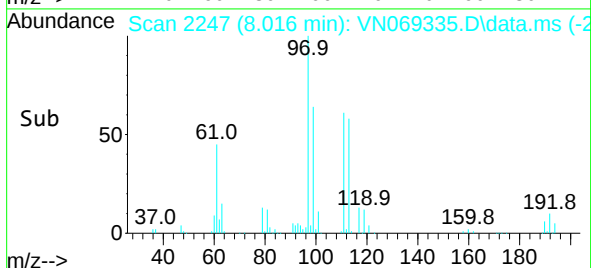
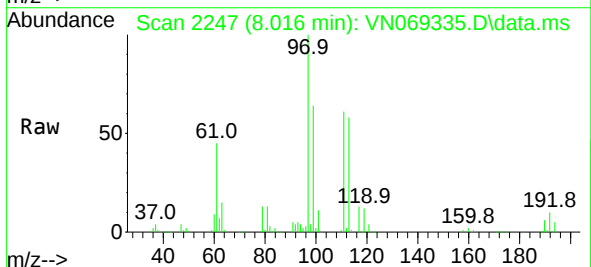


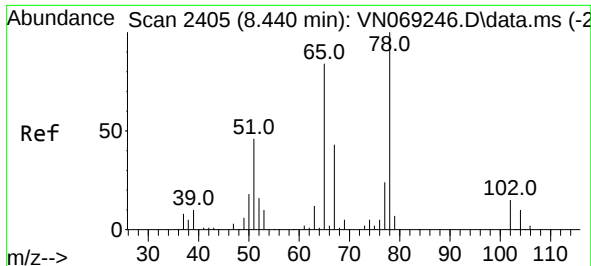
Tgt Ion: 56 Resp: 220099  
Ion Ratio Lower Upper  
56 100  
69 35.1 26.9 40.3  
84 89.6 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 47.242 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 97 Resp: 229128  
Ion Ratio Lower Upper  
97 100  
99 63.6 50.8 76.2  
61 45.3 34.6 51.8

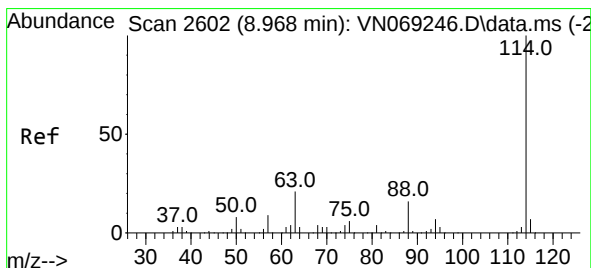
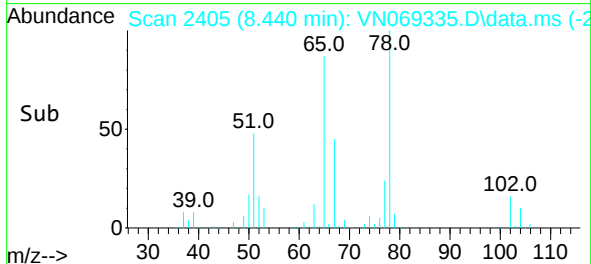
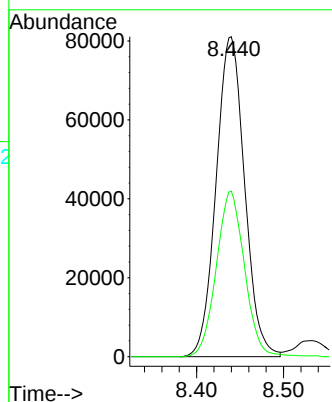
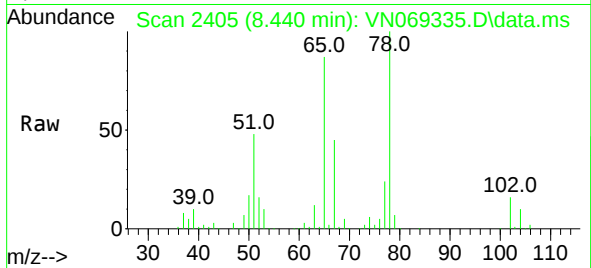




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.253 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

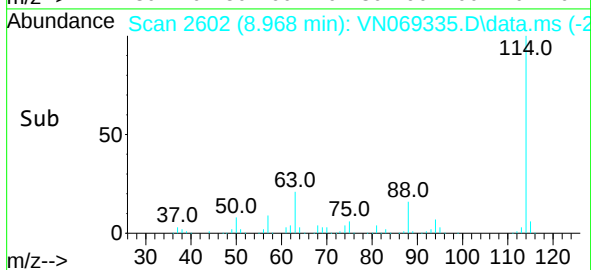
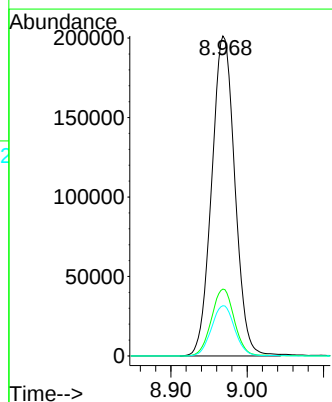
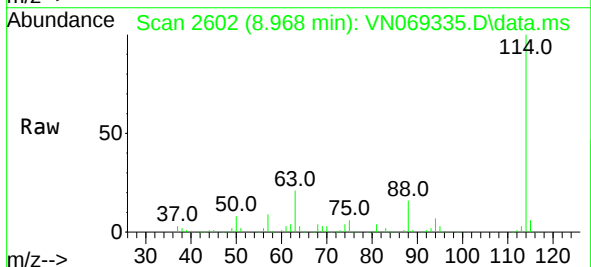
Instrument :  
 MSVOA\_N  
 ClientSampleId :

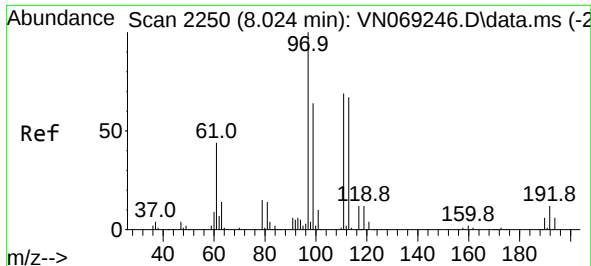
Tgt Ion: 65 Resp: 184442  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

Tgt Ion: 114 Resp: 424500  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 42.6  
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 8.024 min Scan# 21

Delta R.T. 0.000 min

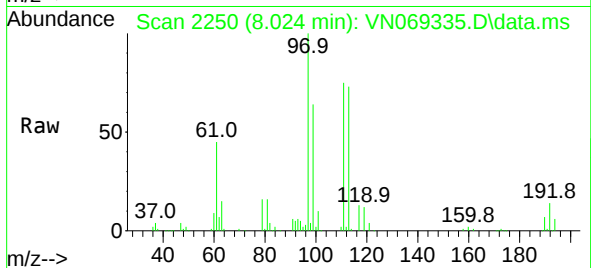
Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :



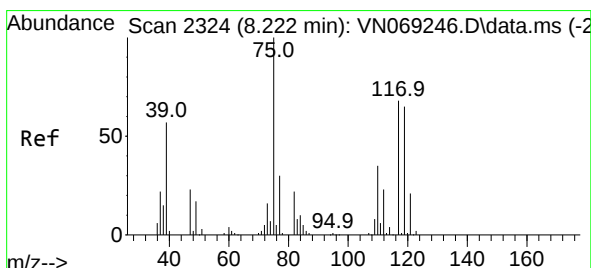
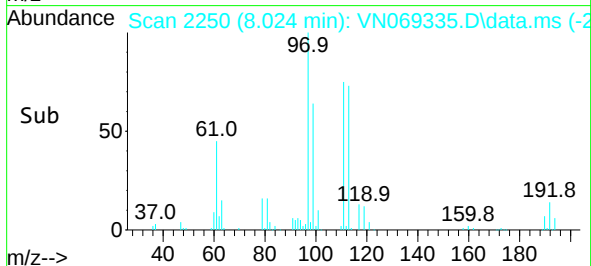
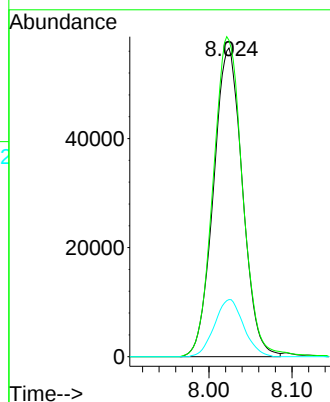
Tgt Ion:113 Resp: 137403

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 51.083 ug/l

RT: 8.223 min Scan# 2324

Delta R.T. 0.001 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

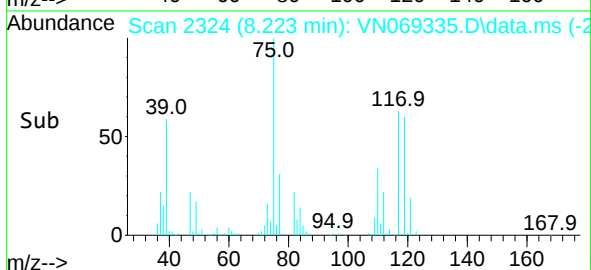
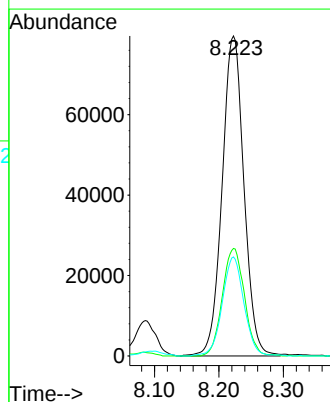
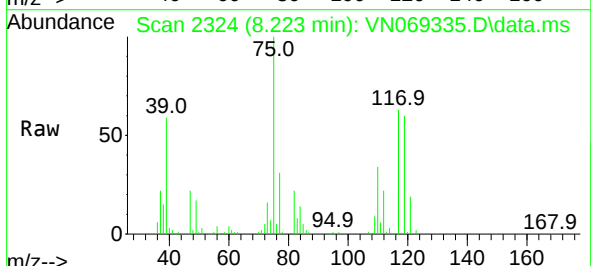
Tgt Ion: 75 Resp: 186948

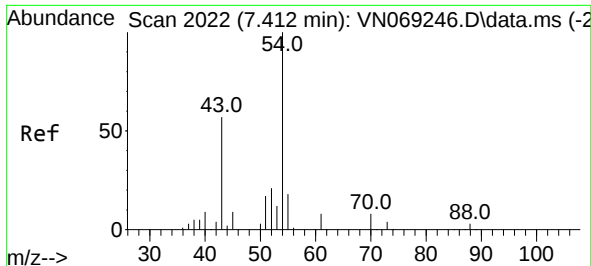
Ion Ratio Lower Upper

75 100

110 34.2 17.9 53.8

77 30.8 24.7 37.1

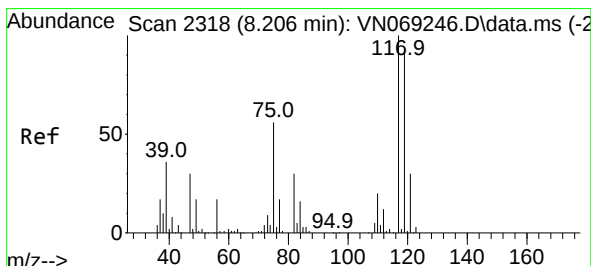
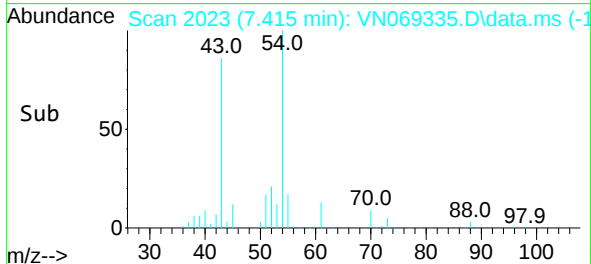
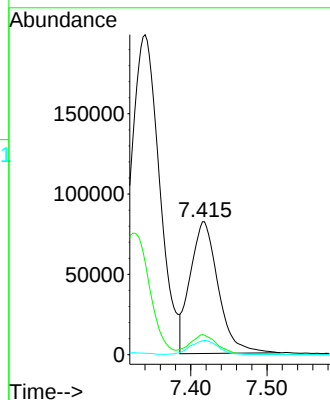
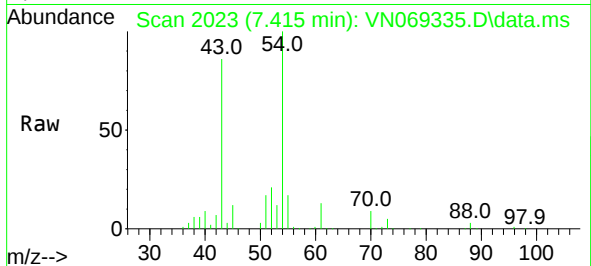




#37  
Ethyl Acetate  
Concen: 50.177 ug/l  
RT: 7.415 min Scan# 209257  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

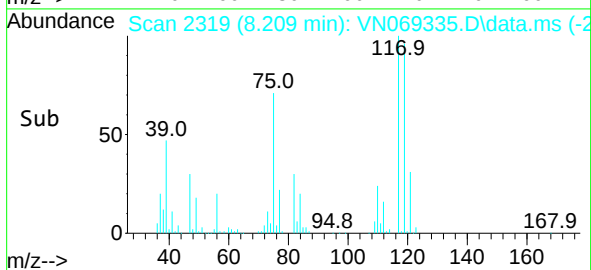
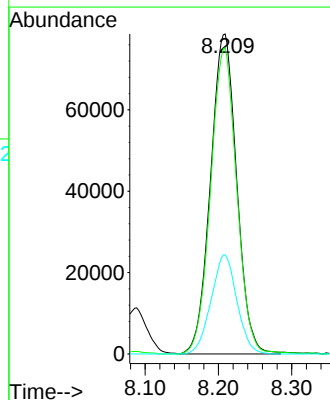
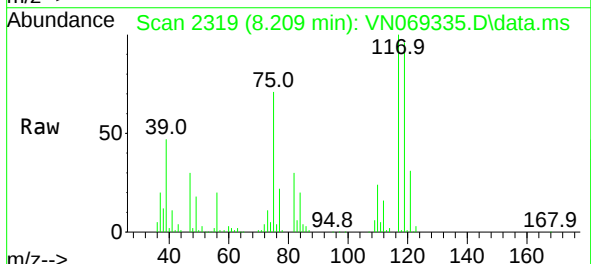
Instrument :  
MSVOA\_N  
ClientSampleId :

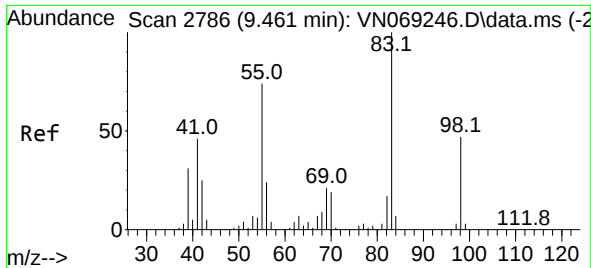
Tgt Ion: 43 Resp: 209257  
Ion Ratio Lower Upper  
43 100  
61 14.4 11.2 16.8  
70 10.5 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 46.858 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 117 Resp: 195333  
Ion Ratio Lower Upper  
117 100  
119 95.7 76.9 115.3  
121 30.9 24.6 37.0

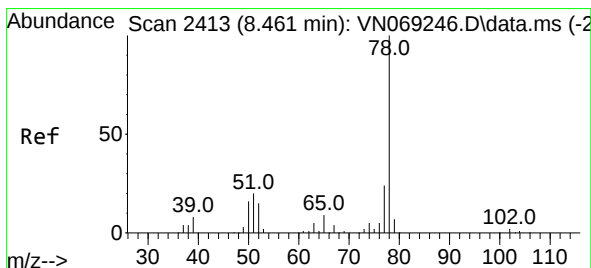
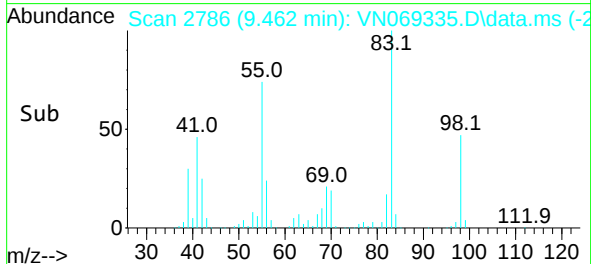
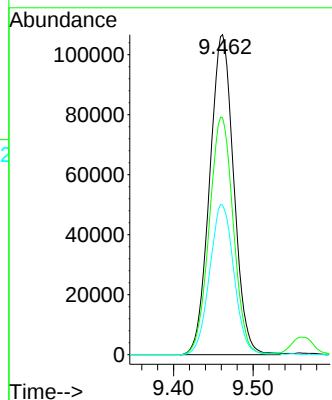
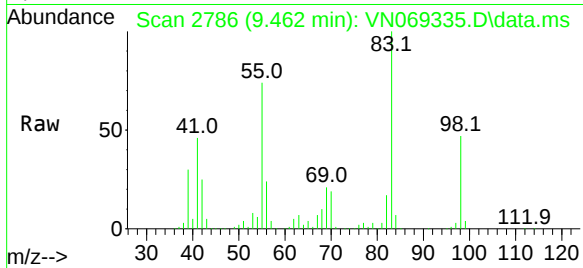




#39  
Methylcyclohexane  
Concen: 49.579 ug/l  
RT: 9.462 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

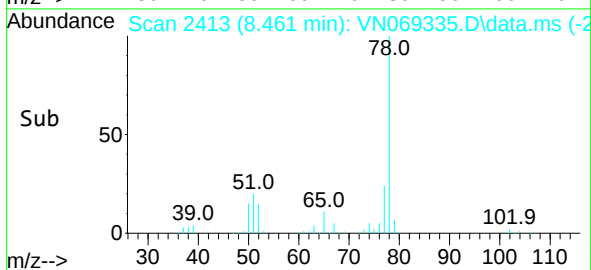
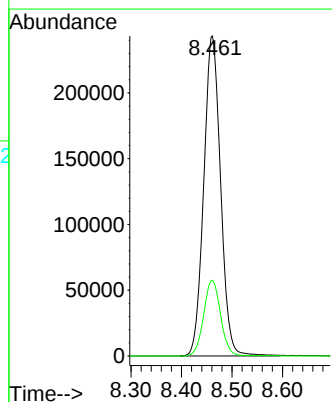
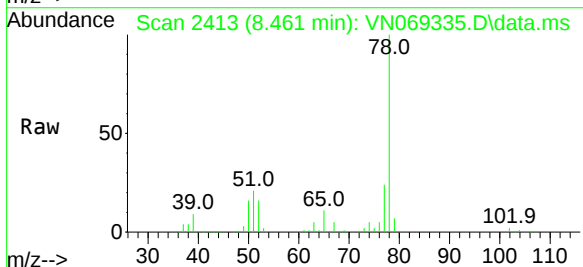
Instrument :  
MSVOA\_N  
ClientSampleId :

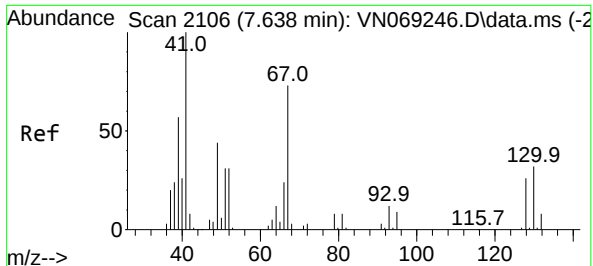
Tgt Ion: 83 Resp: 224662  
Ion Ratio Lower Upper  
83 100  
55 74.0 61.4 92.0  
98 46.7 36.4 54.6



#40  
Benzene  
Concen: 51.242 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

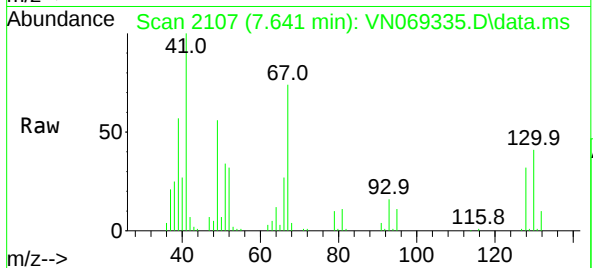
Tgt Ion: 78 Resp: 564049  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.1 28.7





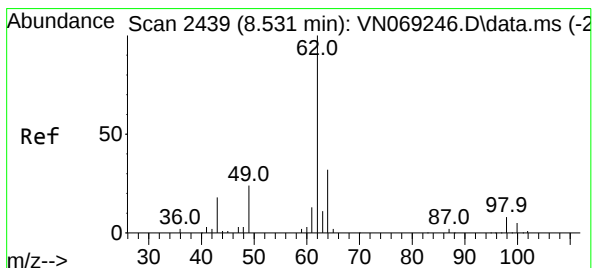
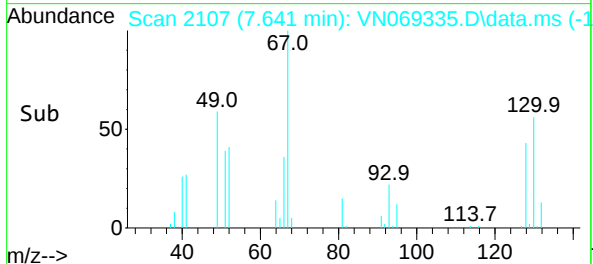
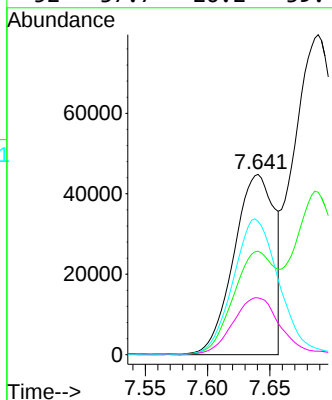
#41  
Methacrylonitrile  
Concen: 49.374 ug/l  
RT: 7.641 min Scan# 2106  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 101512

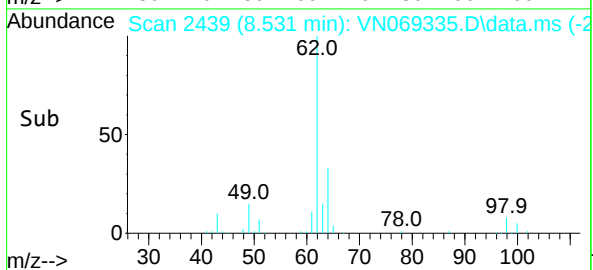
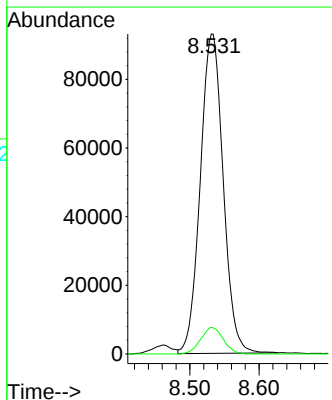
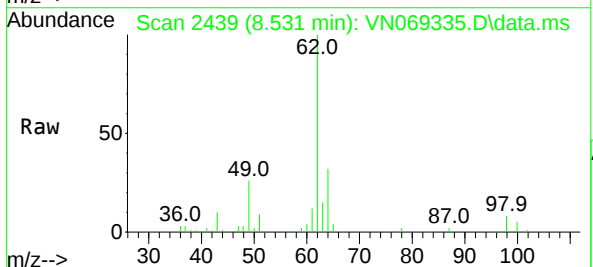
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.7  | 44.9  | 67.3  |
| 67  | 86.1  | 62.6  | 93.8  |
| 52  | 37.7  | 26.2  | 39.4  |

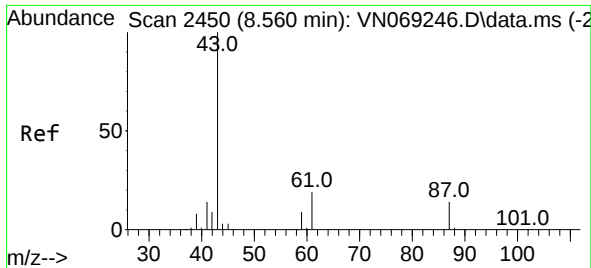


#42  
1,2-Dichloroethane  
Concen: 51.572 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 62 Resp: 213633

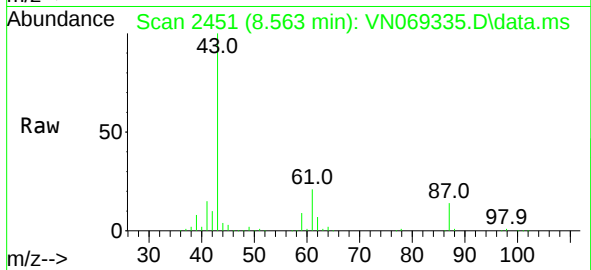
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.2   | 0.0   | 17.2  |



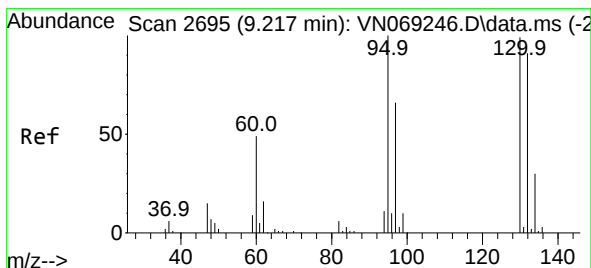
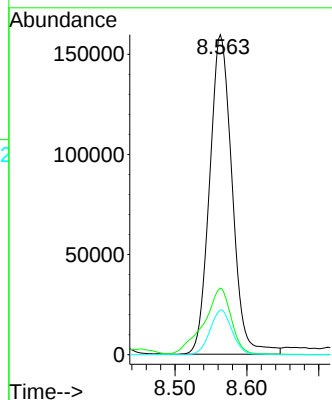
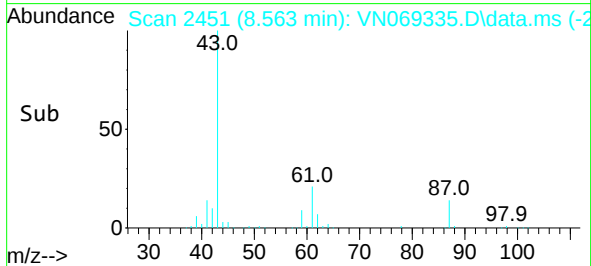


#43  
Isopropyl Acetate  
Concen: 47.758 ug/l  
RT: 8.563 min Scan# 2450  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

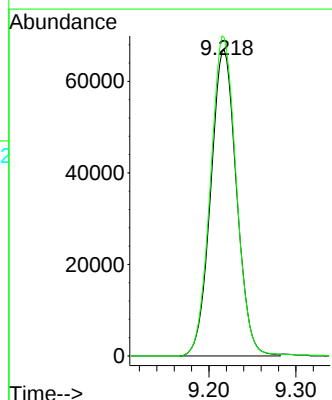
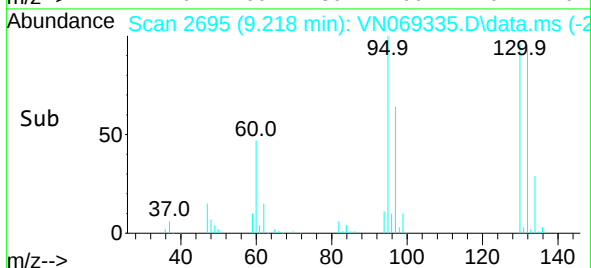
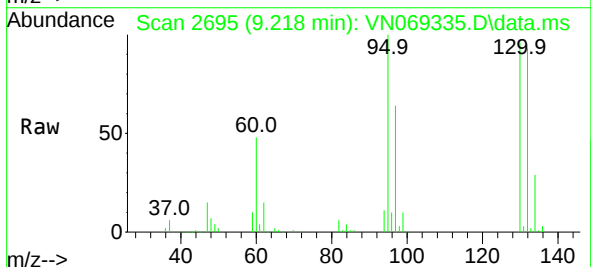


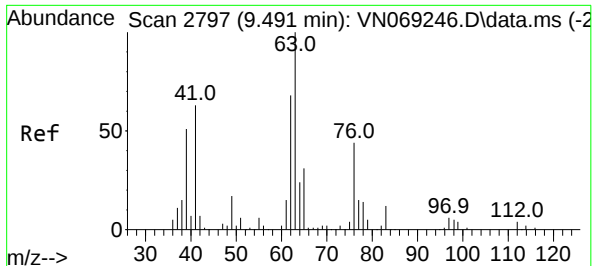
Tgt Ion: 43 Resp: 347200  
Ion Ratio Lower Upper  
43 100  
61 25.2 20.4 30.6  
87 13.7 10.7 16.1



#44  
Trichloroethene  
Concen: 49.720 ug/l  
RT: 9.218 min Scan# 2695  
Delta R.T. 0.001 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:130 Resp: 137817  
Ion Ratio Lower Upper  
130 100  
95 104.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 51.685 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

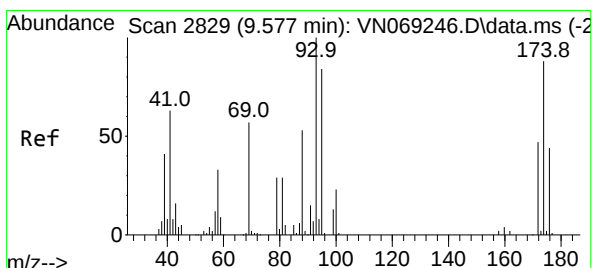
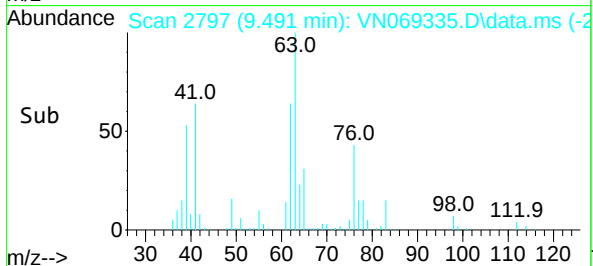
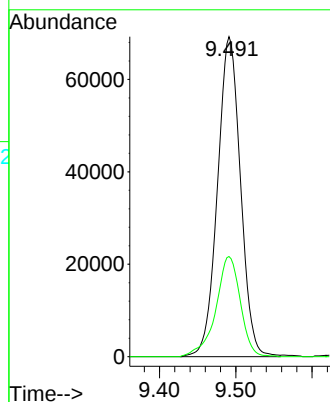
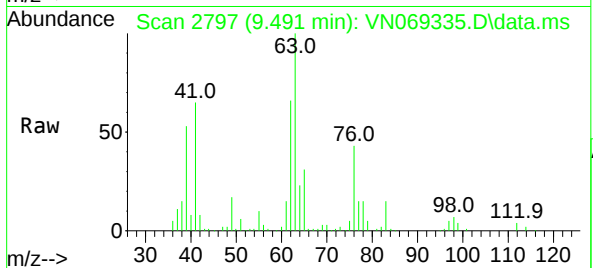
ClientSampleId :

Tgt Ion: 63 Resp: 144845

Ion Ratio Lower Upper

63 100

65 31.3 25.6 38.4



#46

Dibromomethane

Concen: 52.588 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

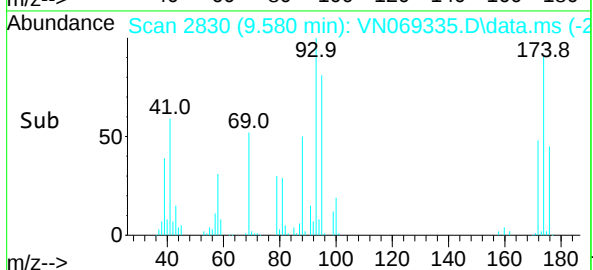
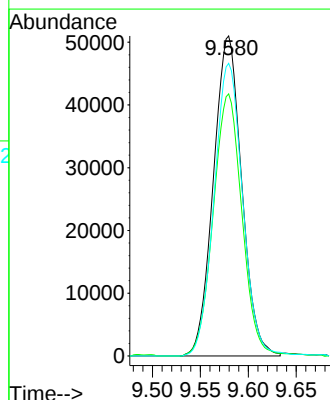
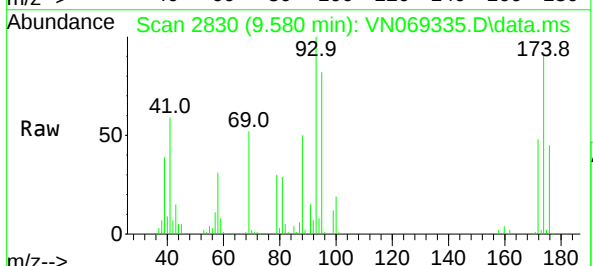
Tgt Ion: 93 Resp: 104707

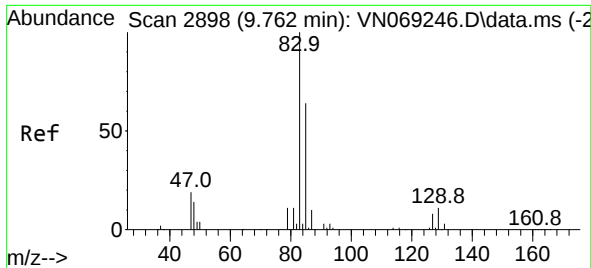
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

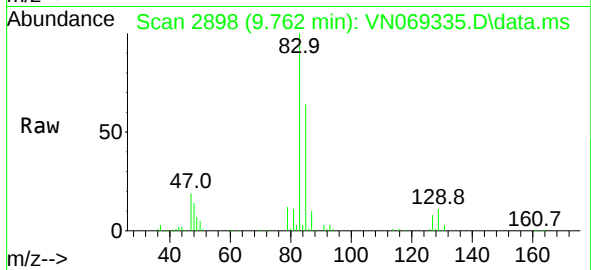
174 92.0 73.8 110.8



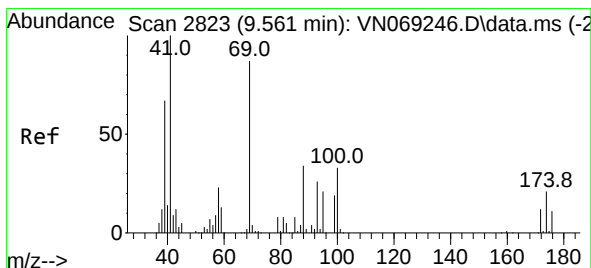
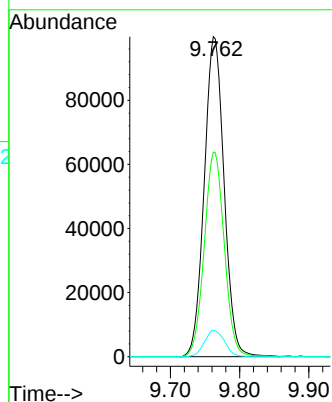
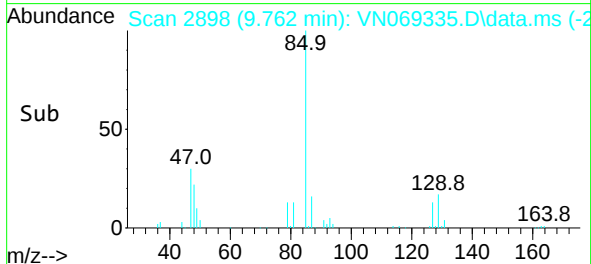


#47  
Bromodichloromethane  
Concen: 46.761 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

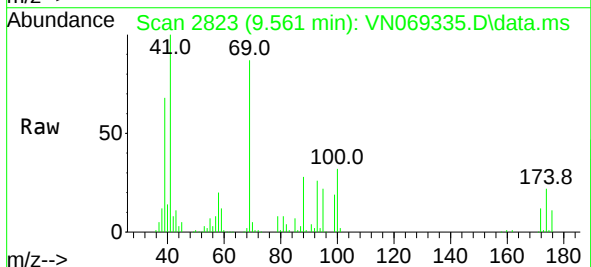
Instrument :  
MSVOA\_N  
ClientSampleId :



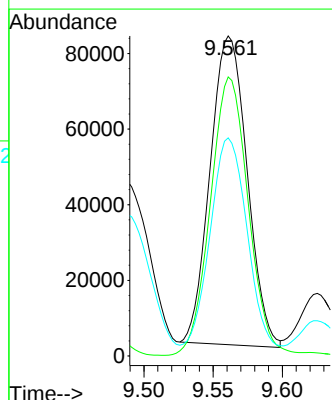
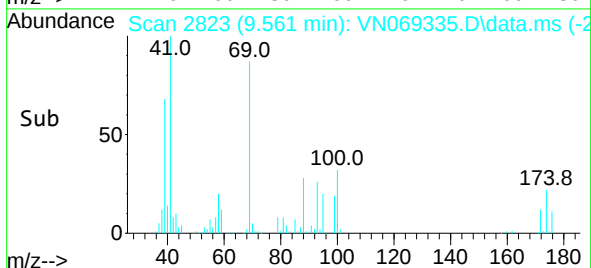
Tgt Ion: 83 Resp: 199056  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.7 76.1  
127 8.2 6.5 9.7

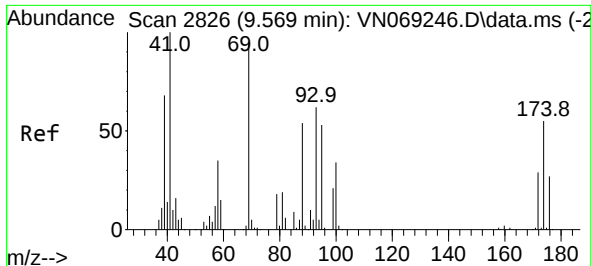


#48  
Methyl methacrylate  
Concen: 48.243 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41



Tgt Ion: 41 Resp: 151845  
Ion Ratio Lower Upper  
41 100  
69 92.3 66.4 99.6  
39 72.5 50.2 75.2





#49

1,4-Dioxane

Concen: 875.522 ug/l

RT: 9.572 min Scan# 21

Delta R.T. 0.003 min

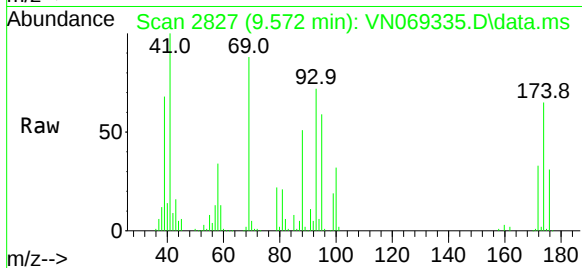
Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :



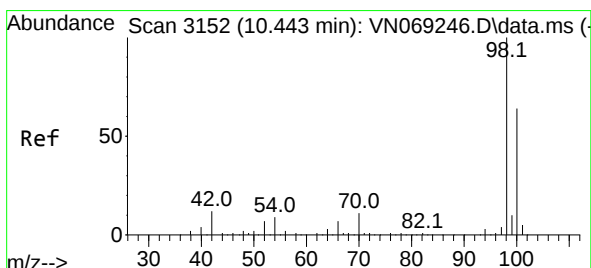
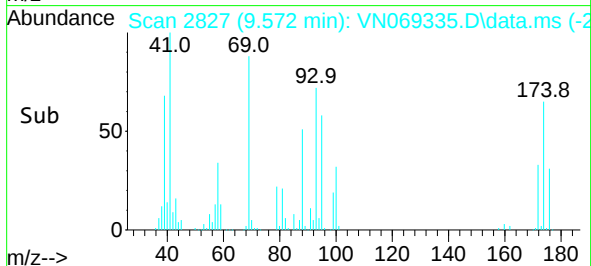
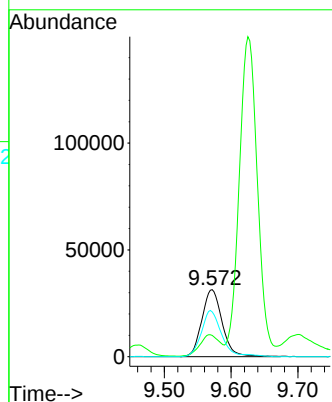
Tgt Ion: 88 Resp: 66405

Ion Ratio Lower Upper

88 100

43 31.4 24.9 37.3

58 66.3 56.9 85.3



#50

Toluene-d8

Concen: 52.406 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069335.D

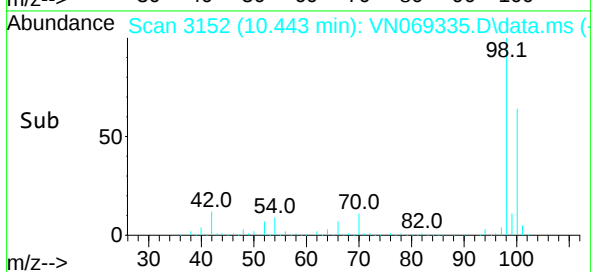
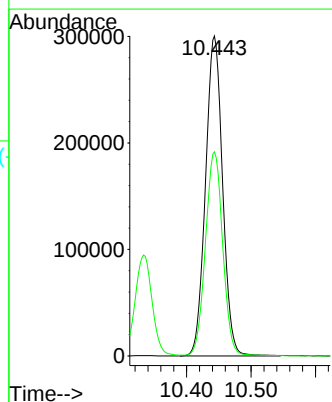
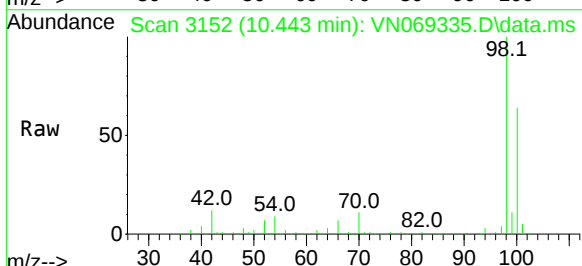
Acq: 1 Nov 2021 21:41

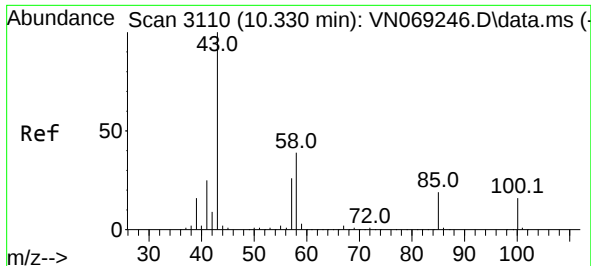
Tgt Ion: 98 Resp: 554466

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

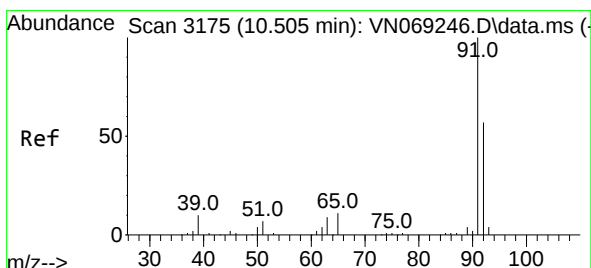
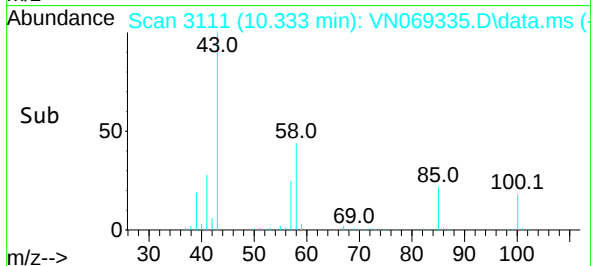
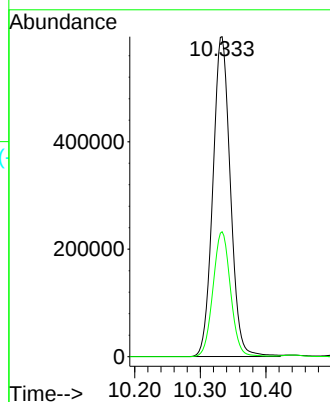
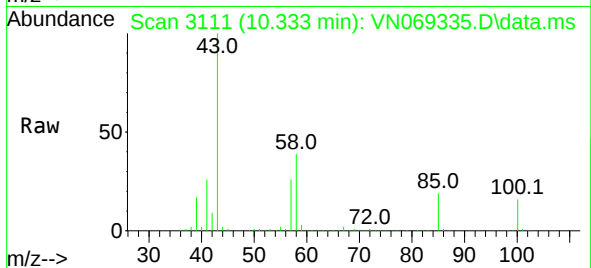




#51  
4-Methyl-2-Pentanone  
Concen: 233.586 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

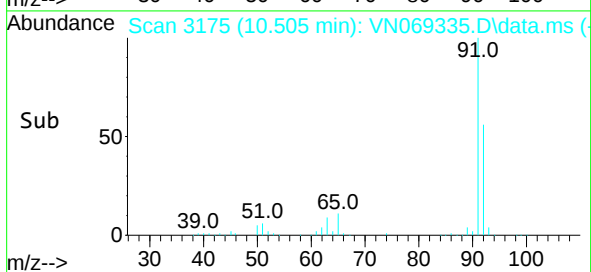
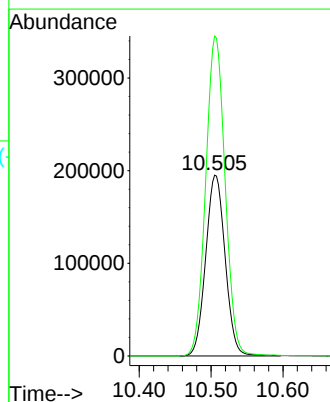
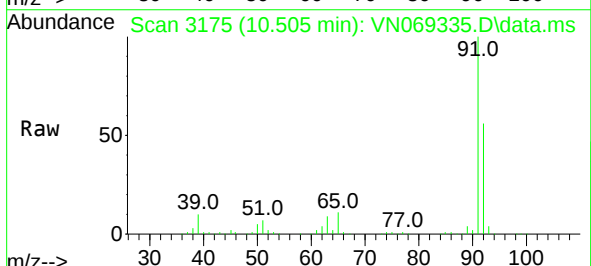
Instrument :  
MSVOA\_N  
ClientSampleId :

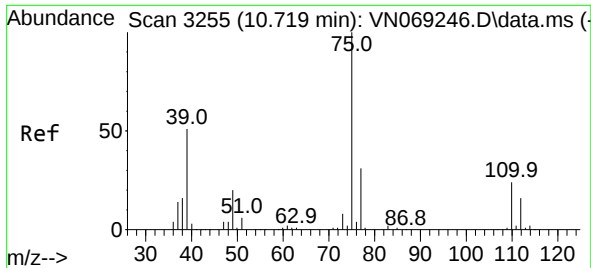
Tgt Ion: 43 Resp: 1103794  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.0 46.4



#52  
Toluene  
Concen: 50.848 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 92 Resp: 367074  
Ion Ratio Lower Upper  
92 100  
91 176.7 138.5 207.7

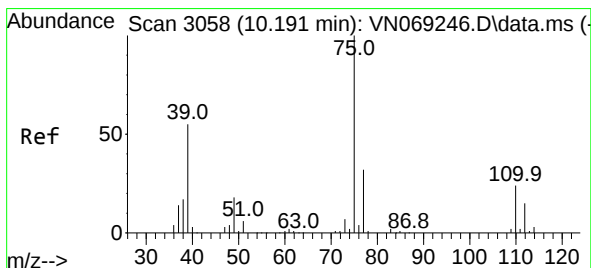
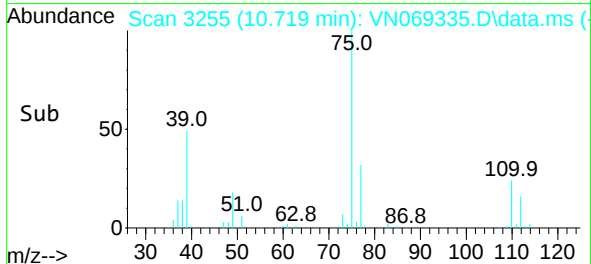
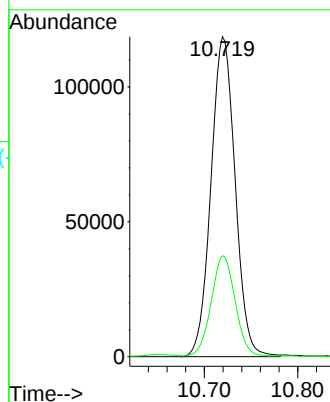
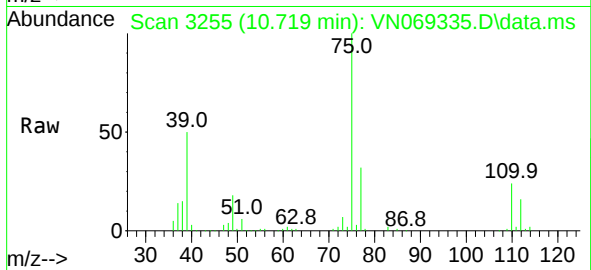




#53  
t-1,3-Dichloropropene  
Concen: 44.365 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

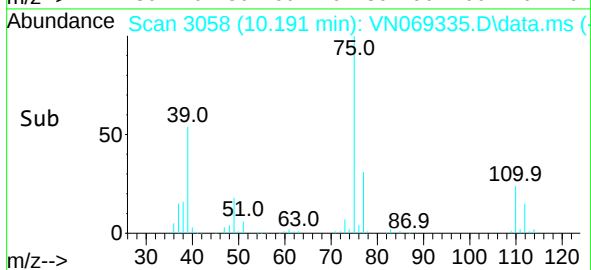
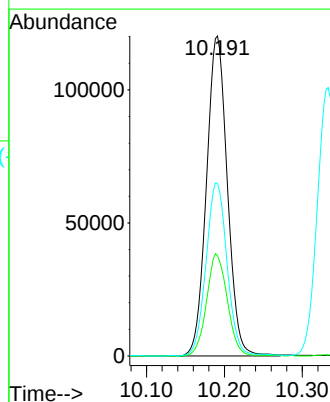
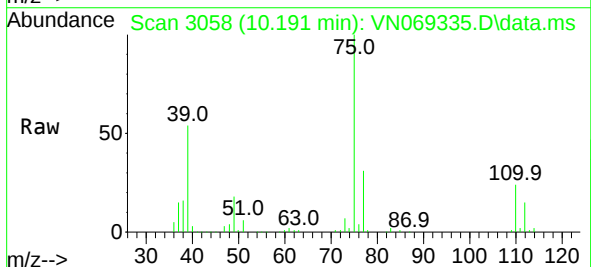
Instrument :  
MSVOA\_N  
ClientSampleId :

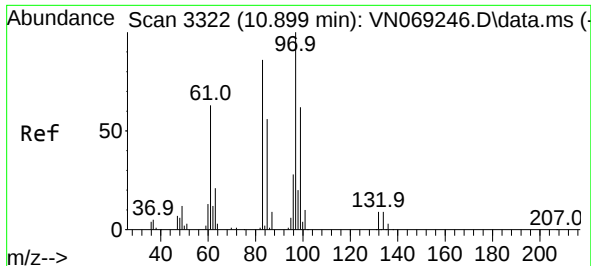
Tgt Ion: 75 Resp: 213485  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 44.863 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

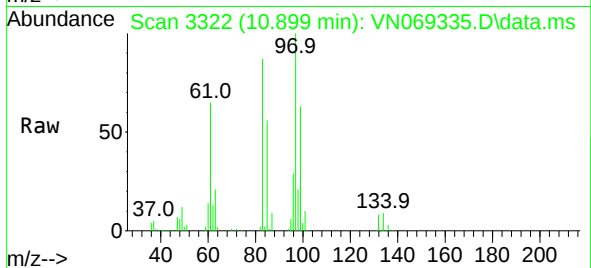
Tgt Ion: 75 Resp: 224446  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4  
39 54.0 42.9 64.3



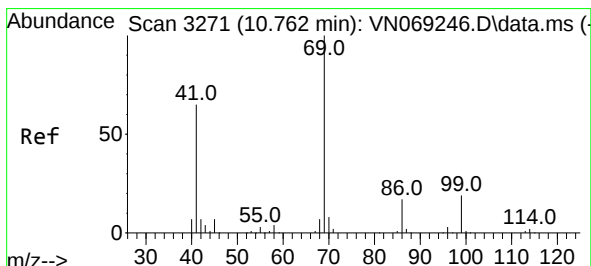
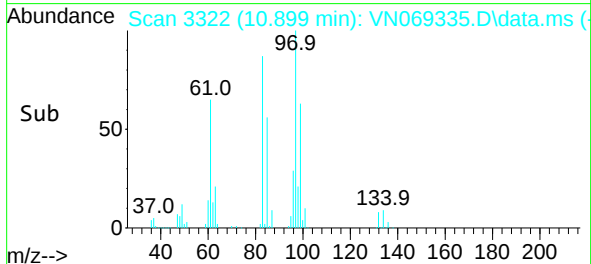
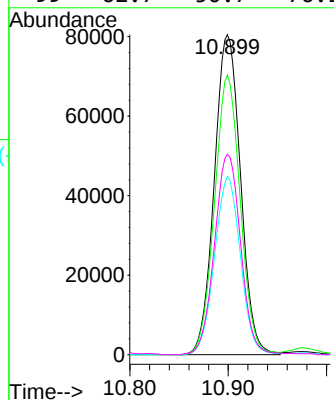


#55  
1,1,2-Trichloroethane  
Concen: 51.483 ug/l  
RT: 10.899 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

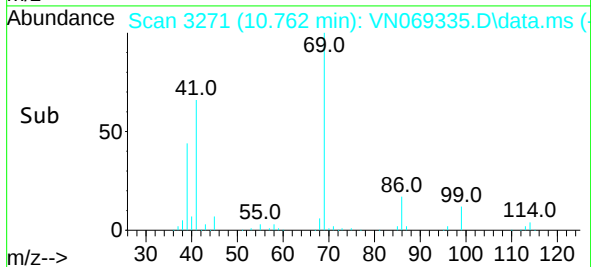
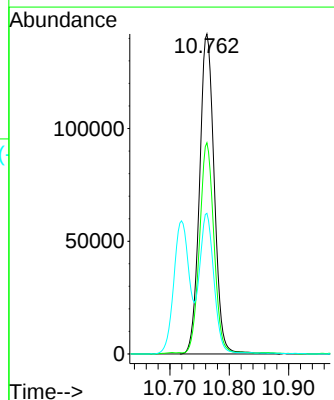
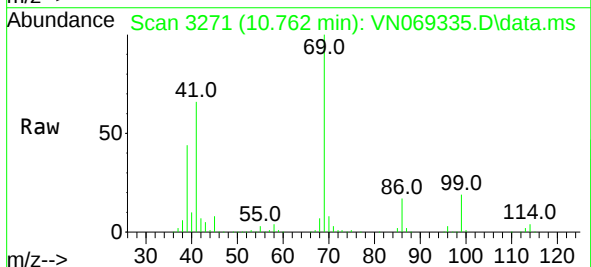


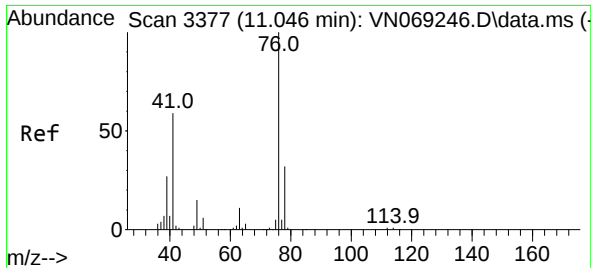
Tgt Ion: 97 Resp: 149105  
Ion Ratio Lower Upper  
97 100  
83 87.4 70.5 105.7  
85 55.7 45.3 67.9  
99 62.7 50.7 76.1



#56  
Ethyl methacrylate  
Concen: 46.182 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 69 Resp: 245030  
Ion Ratio Lower Upper  
69 100  
41 64.0 53.3 79.9  
39 42.4 33.3 49.9





#57

1,3-Dichloropropane

Concen: 51.591 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.001 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

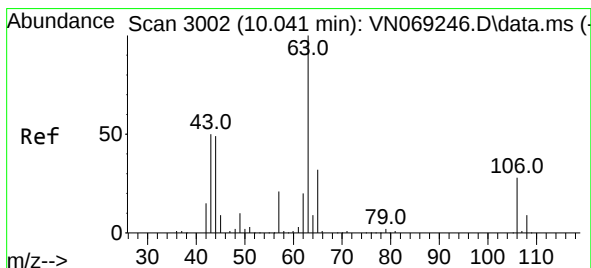
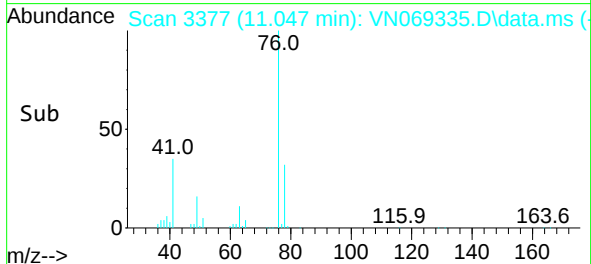
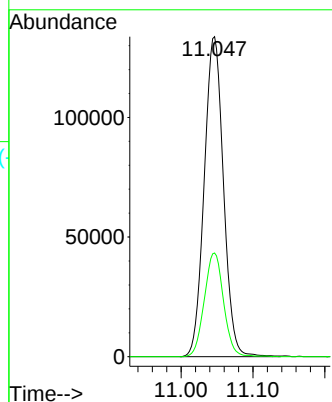
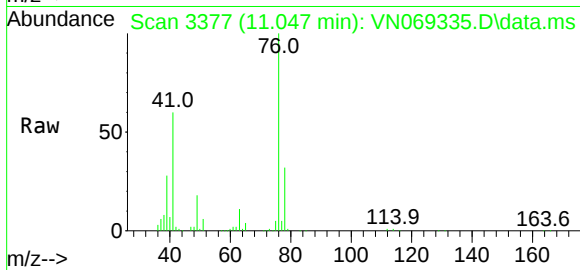
ClientSampleId :

Tgt Ion: 76 Resp: 249255

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 231.339 ug/l

RT: 10.044 min Scan# 3003

Delta R.T. 0.003 min

Lab File: VN069335.D

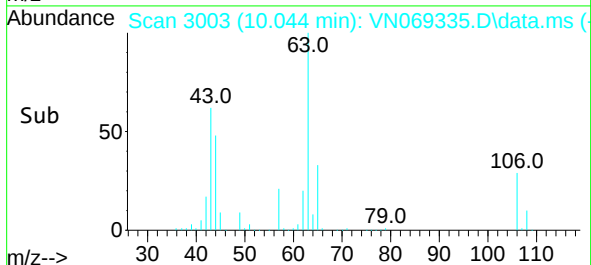
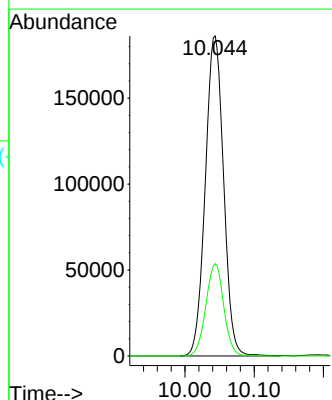
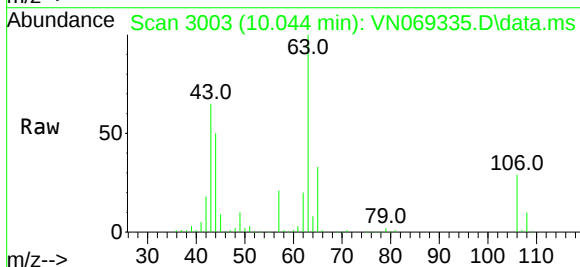
Acq: 1 Nov 2021 21:41

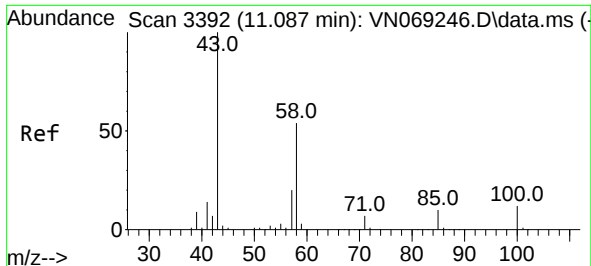
Tgt Ion: 63 Resp: 341177

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2

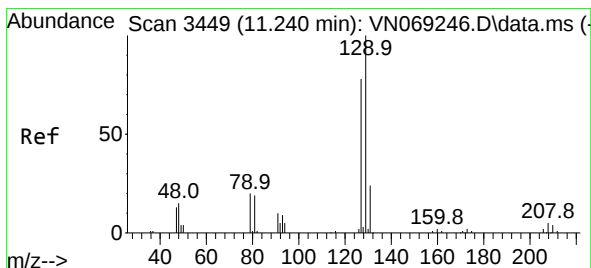
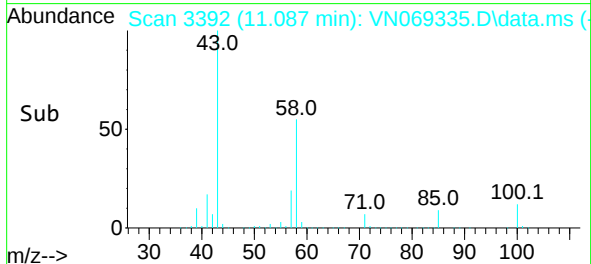
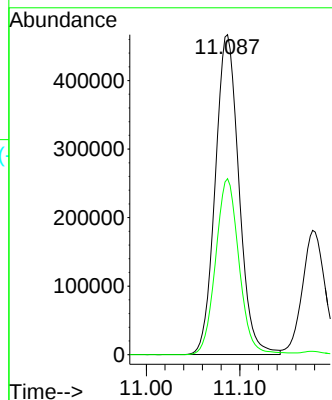
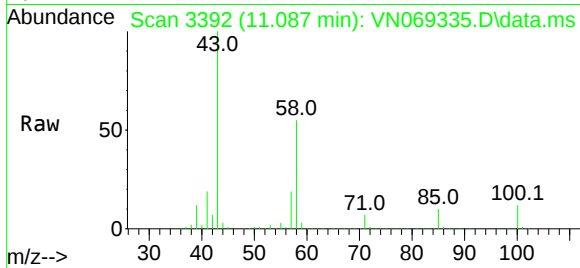




#59  
2-Hexanone  
Concen: 227.950 ug/l  
RT: 11.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

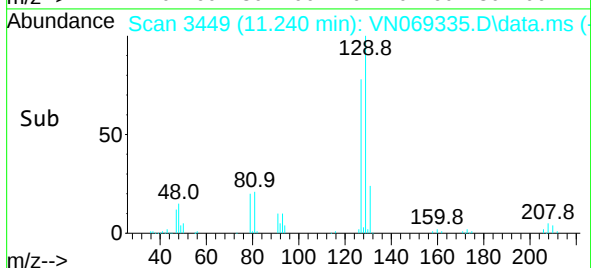
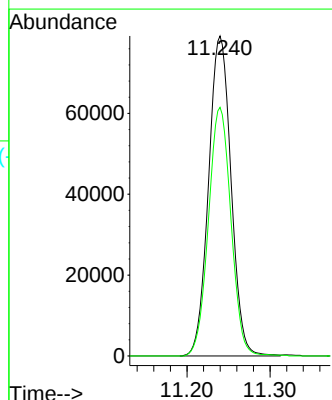
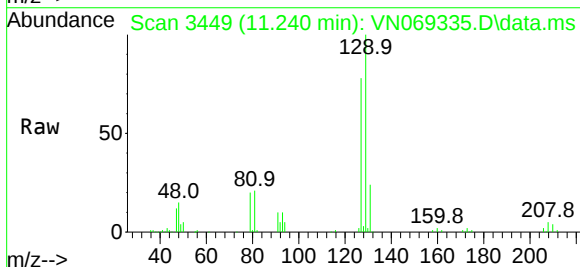
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MSVOA\_N  
ClientSampleId :

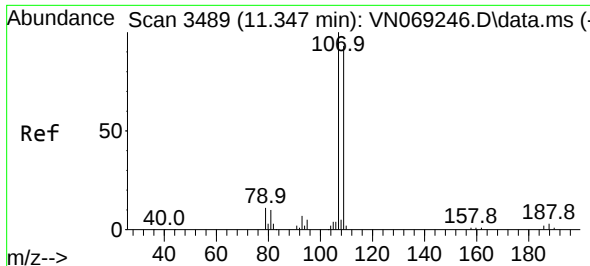
Tgt Ion: 43 Resp: 822534  
Ion Ratio Lower Upper  
43 100  
58 54.5 26.9 80.7



#60  
Dibromochloromethane  
Concen: 45.273 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 129 Resp: 148638  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.1 117.2

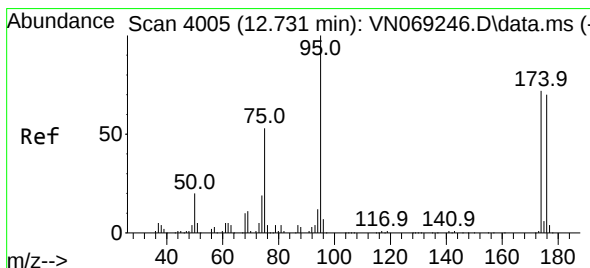
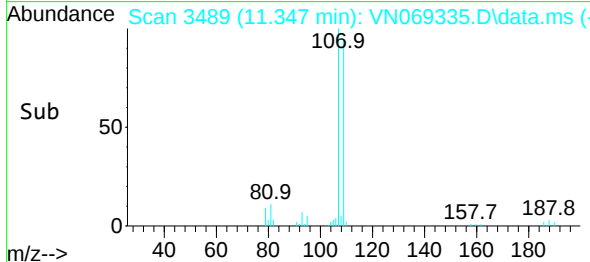
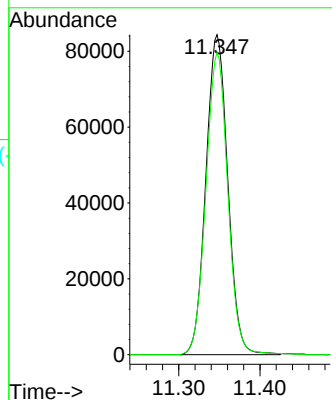
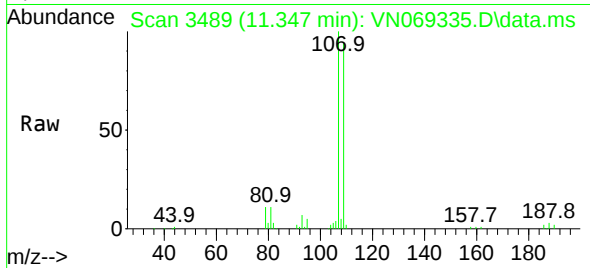




#61  
1,2-Dibromoethane  
Concen: 47.796 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

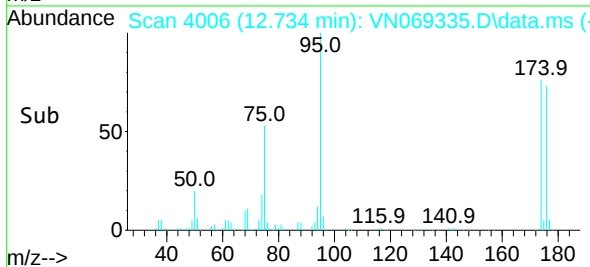
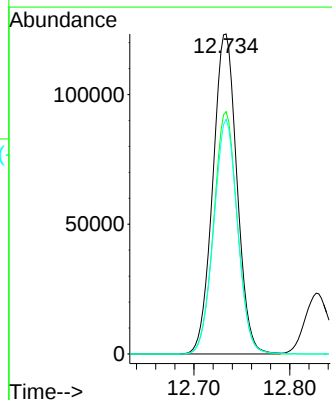
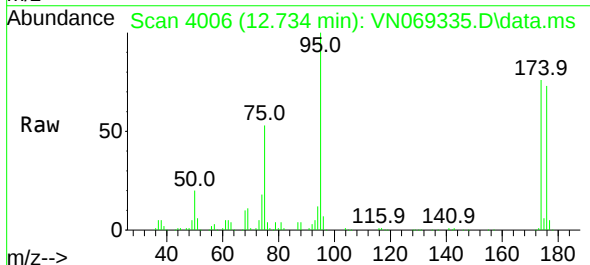
Instrument :  
MSVOA\_N  
ClientSampleId :

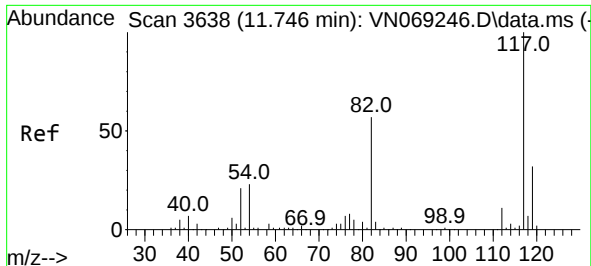
Tgt Ion:107 Resp: 157951  
Ion Ratio Lower Upper  
107 100  
109 94.3 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 53.855 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 95 Resp: 215015  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 144.8  
176 72.6 0.0 140.0

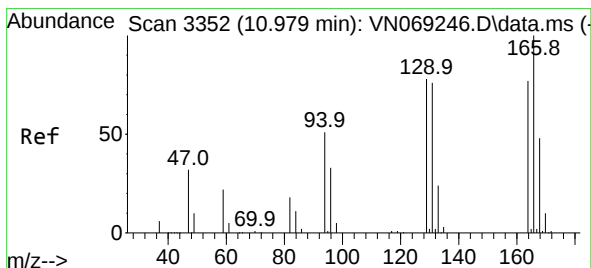
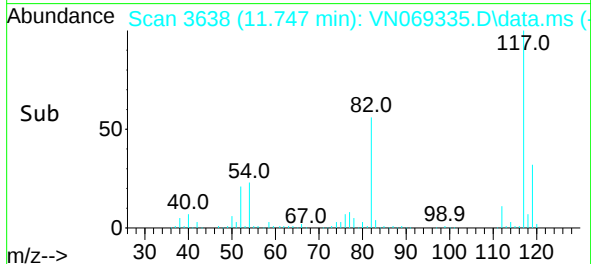
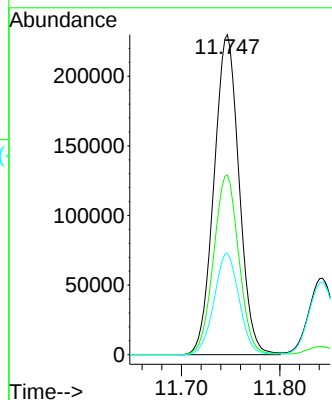
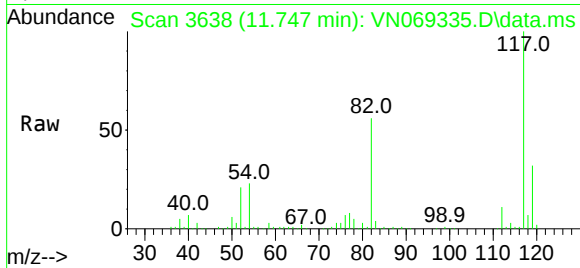




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

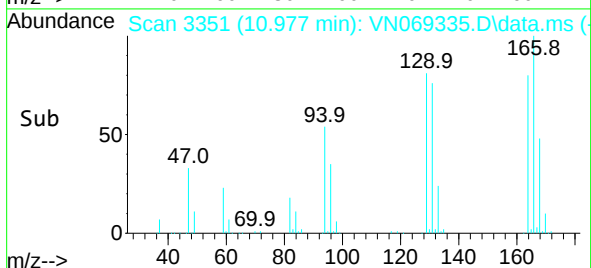
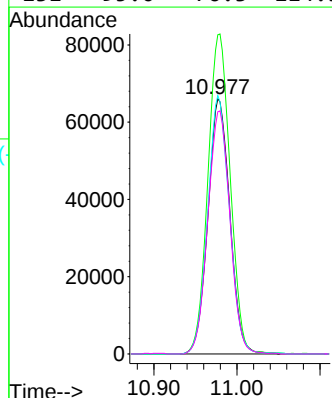
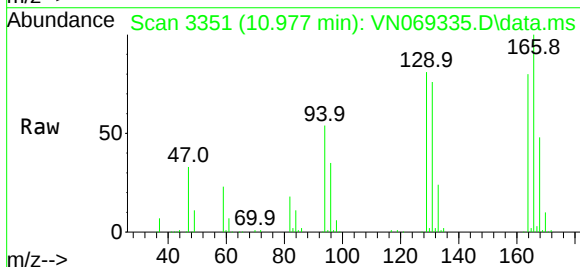
Instrument :  
MSVOA\_N  
ClientSampleId :

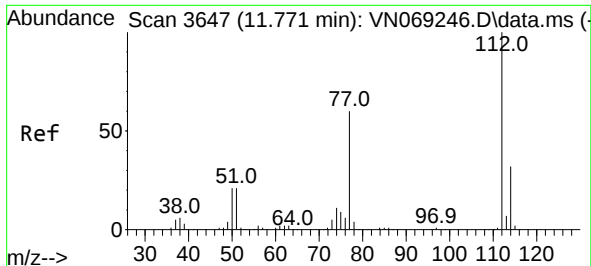
Tgt Ion:117 Resp: 406958  
Ion Ratio Lower Upper  
117 100  
82 56.1 46.4 69.6  
119 31.6 26.0 39.0



#64  
Tetrachloroethene  
Concen: 46.553 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.002 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:164 Resp: 121011  
Ion Ratio Lower Upper  
164 100  
166 125.1 99.8 149.8  
129 101.3 79.2 118.8  
131 95.0 76.3 114.5

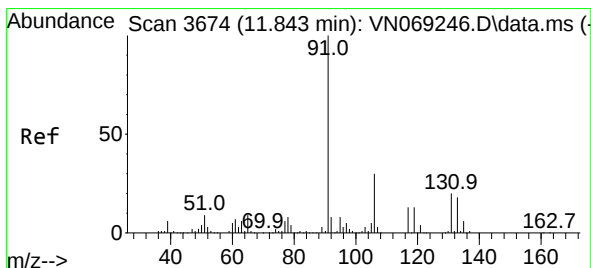
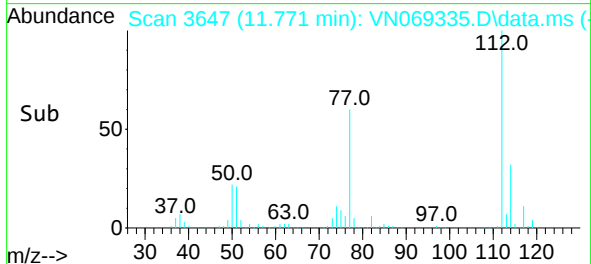
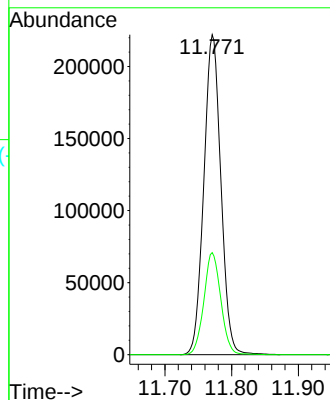
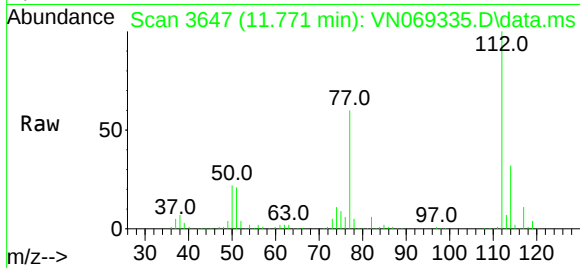




#65  
Chlorobenzene  
Concen: 49.158 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

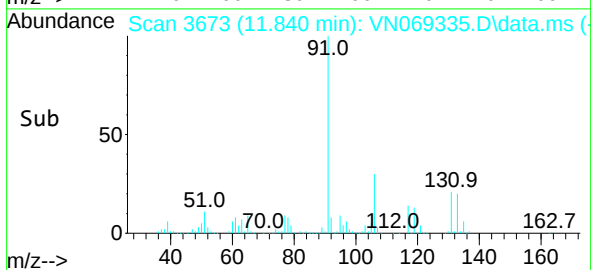
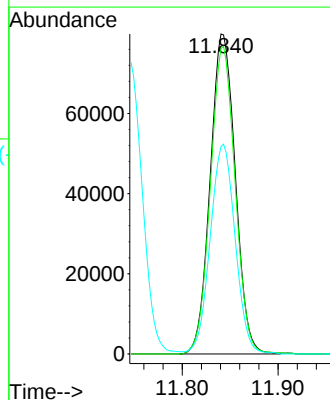
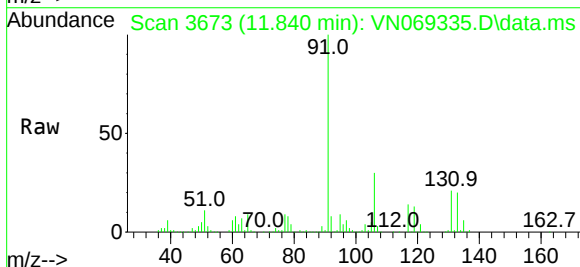
Instrument :  
MSVOA\_N  
ClientSampleId :

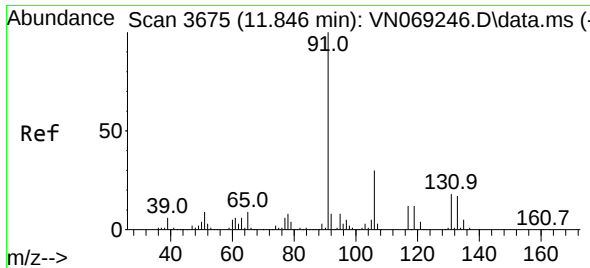
Tgt Ion:112 Resp: 393695  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.901 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:131 Resp: 145068  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.3 142.0  
119 65.4 33.0 99.0

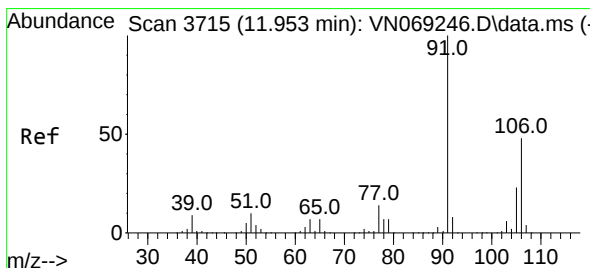
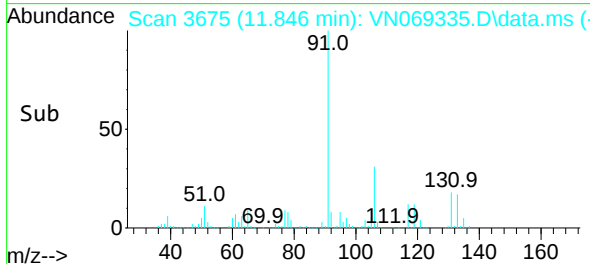
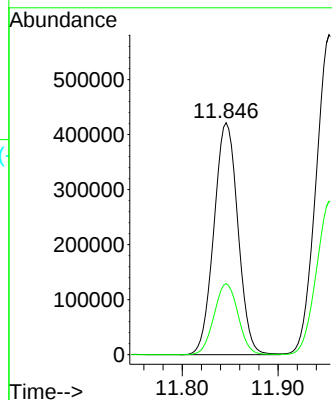
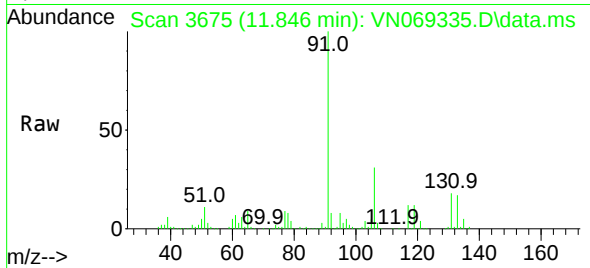




#67  
Ethyl Benzene  
Concen: 50.223 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

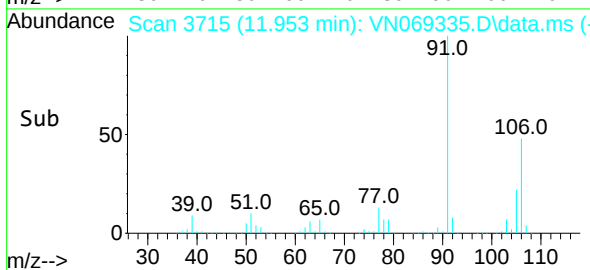
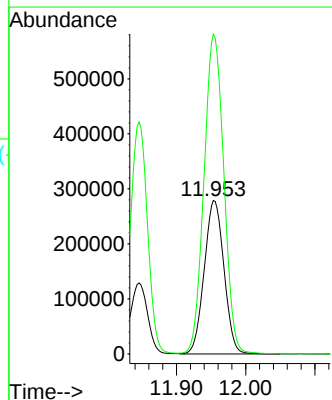
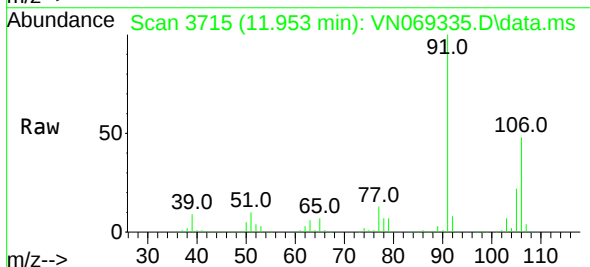
Instrument :  
MSVOA\_N  
ClientSampleId :

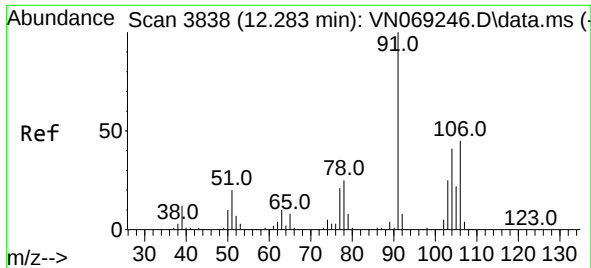
Tgt Ion: 91 Resp: 732758  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.8 37.2



#68  
m/p-Xylenes  
Concen: 101.652 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:106 Resp: 552452  
Ion Ratio Lower Upper  
106 100  
91 209.4 166.8 250.2

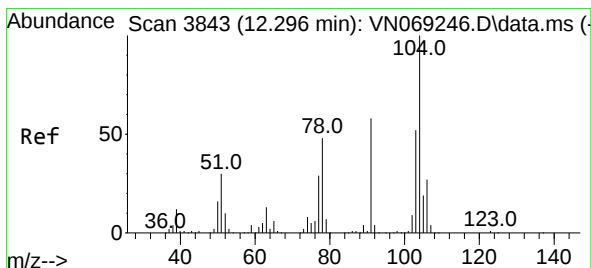
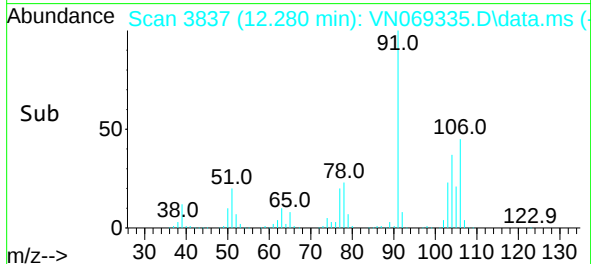
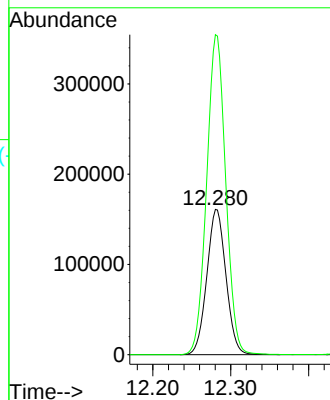
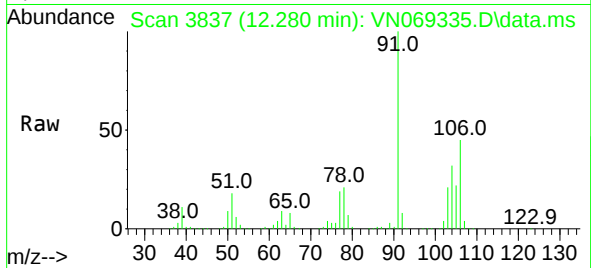




#69  
o-Xylene  
Concen: 50.269 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

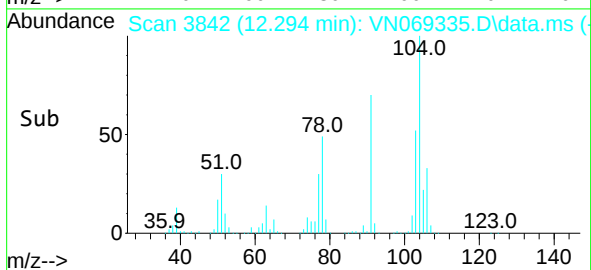
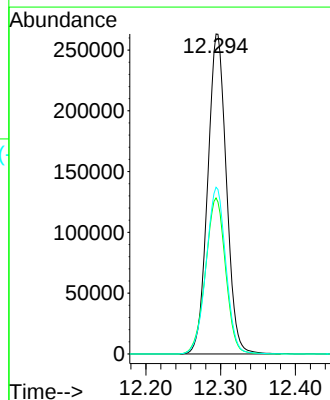
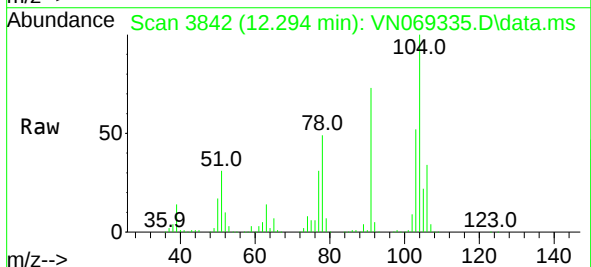
Instrument :  
MSVOA\_N  
ClientSampleId :

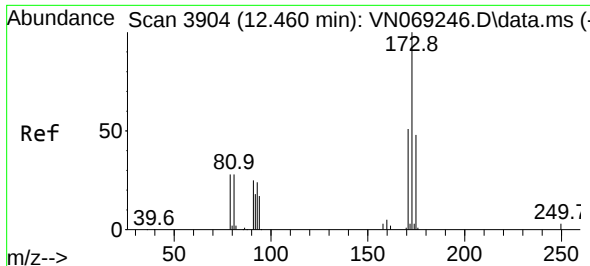
Tgt Ion:106 Resp: 274960  
Ion Ratio Lower Upper  
106 100  
91 219.8 109.6 328.6



#70  
Styrene  
Concen: 46.156 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.002 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:104 Resp: 457681  
Ion Ratio Lower Upper  
104 100  
78 52.4 42.2 63.4  
103 55.1 44.4 66.6

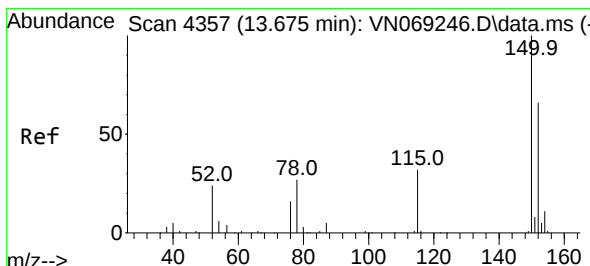
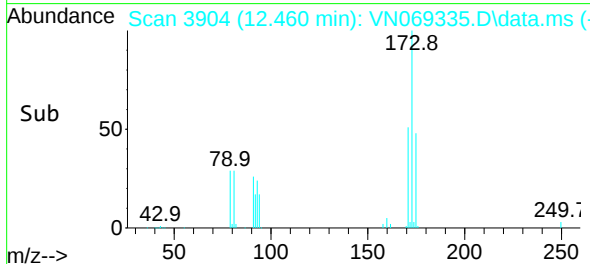
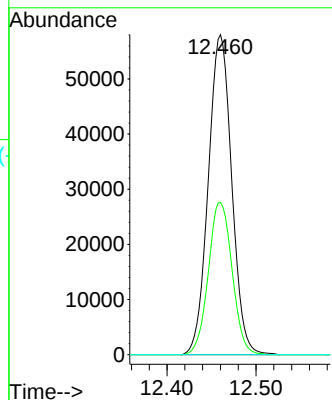
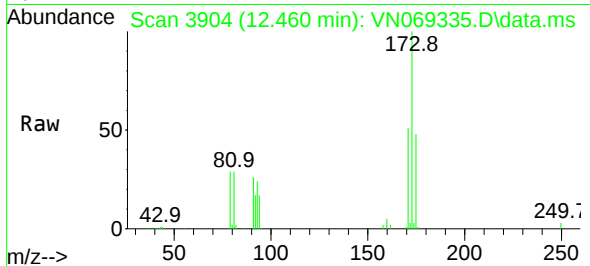




#71  
Bromoform  
Concen: 42.527 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

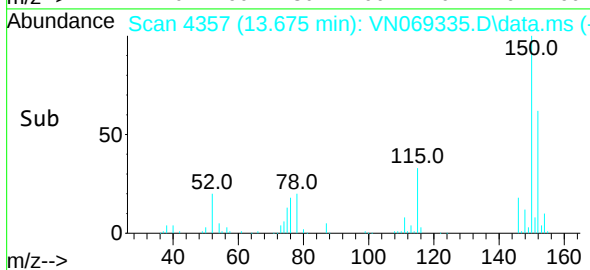
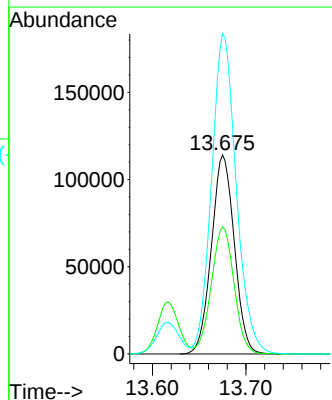
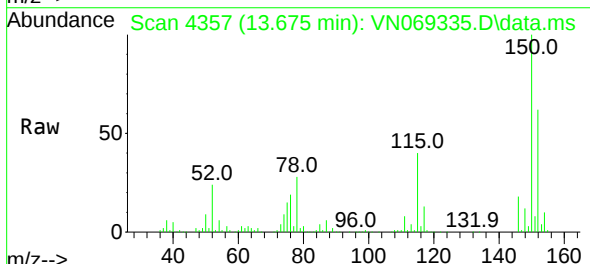
Instrument :  
MSVOA\_N  
ClientSampleId :

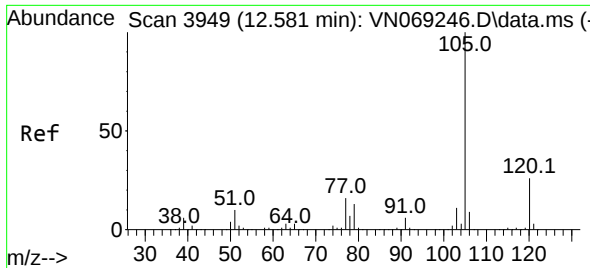
Tgt Ion:173 Resp: 106134  
Ion Ratio Lower Upper  
173 100  
175 48.3 23.8 71.5  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion:152 Resp: 194107  
Ion Ratio Lower Upper  
152 100  
115 63.6 31.4 94.3  
150 174.0 0.0 351.0

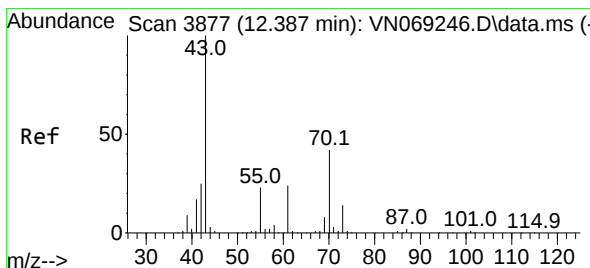
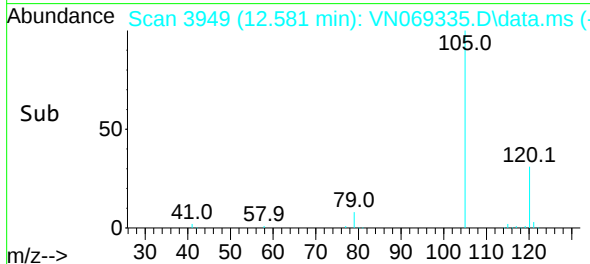
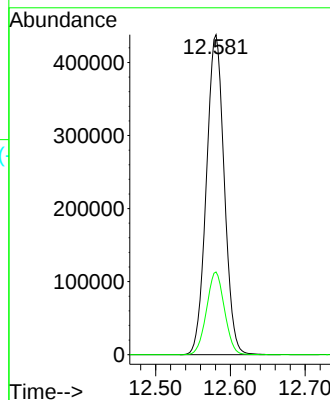
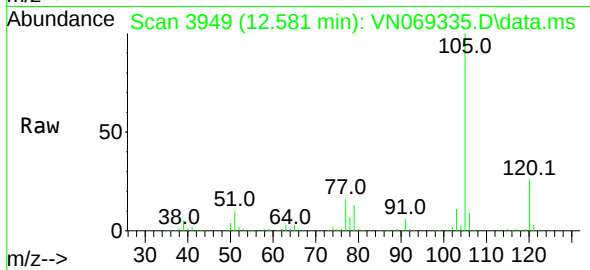




#73  
Isopropylbenzene  
Concen: 44.569 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

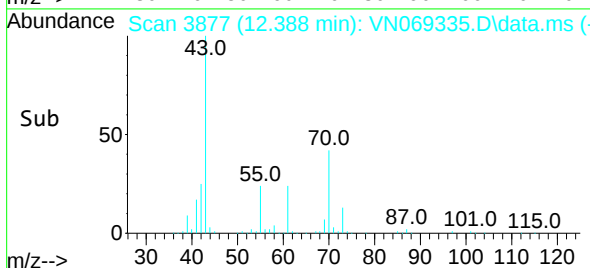
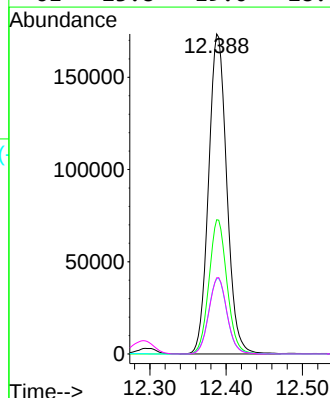
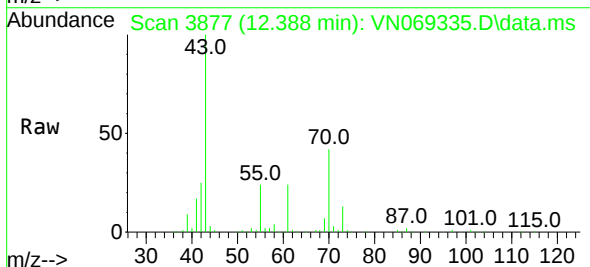
Instrument :  
MSVOA\_N  
ClientSampleId :

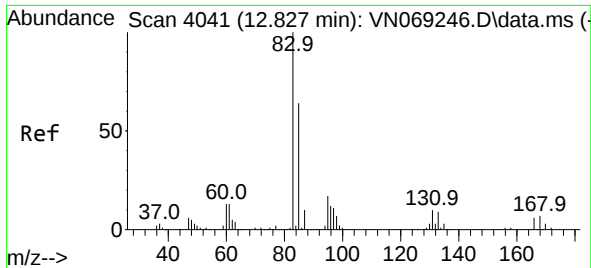
Tgt Ion:105 Resp: 727191  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.1 39.3



#74  
N-ethyl acetate  
Concen: 44.649 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.001 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 43 Resp: 286985  
Ion Ratio Lower Upper  
43 100  
70 41.6 32.2 48.2  
55 24.0 18.0 27.0  
61 23.8 19.0 28.4

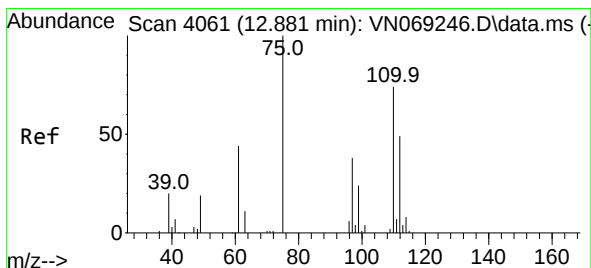
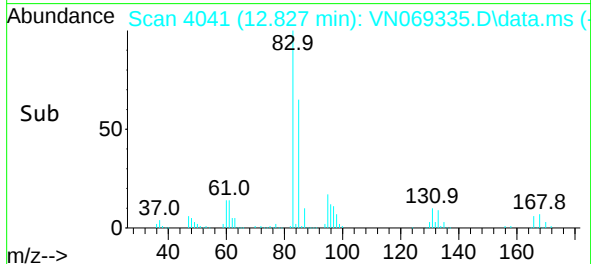
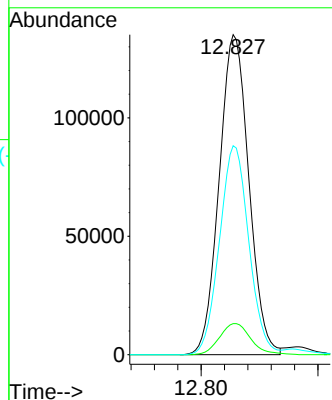
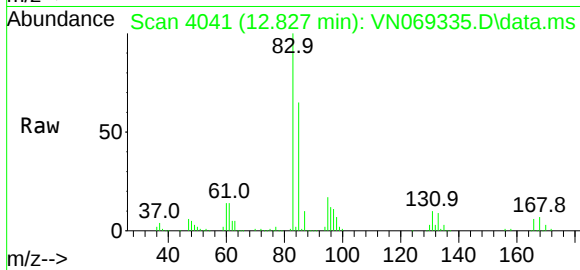




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.747 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

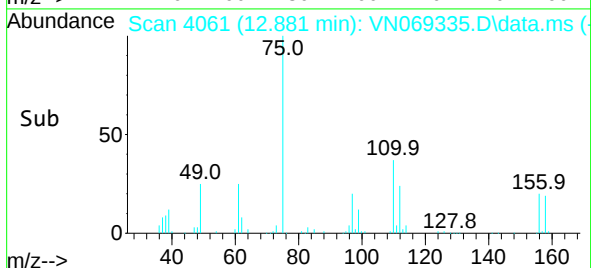
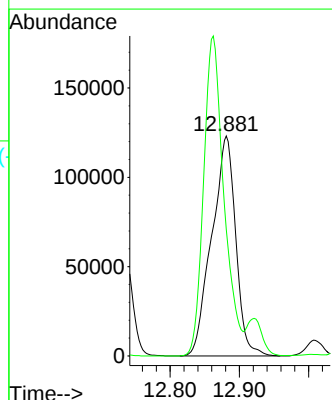
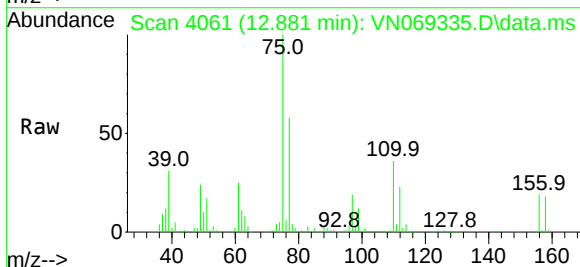
Instrument :  
MSVOA\_N  
ClientSampleId :

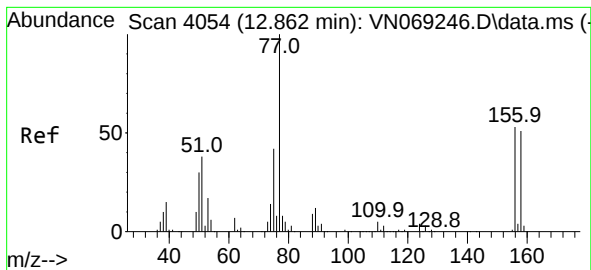
Tgt Ion: 83 Resp: 238270  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.2  
85 64.7 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 57.985 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 75 Resp: 296027  
Ion Ratio Lower Upper  
75 100  
77 123.1 96.2 288.4





#77

Bromobenzene

Concen: 43.809 ug/l

RT: 12.862 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :

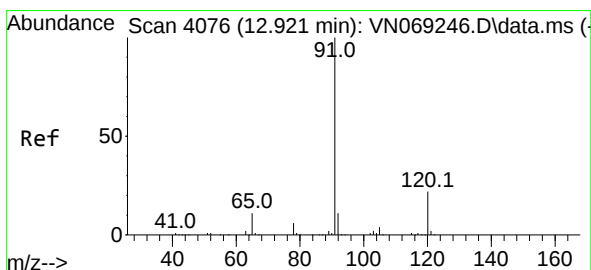
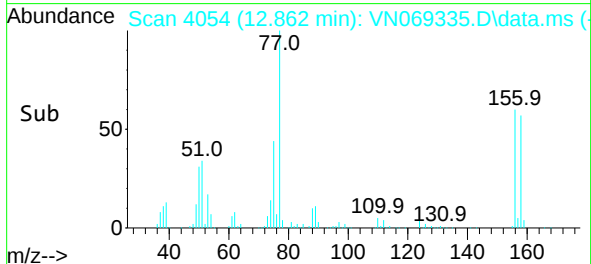
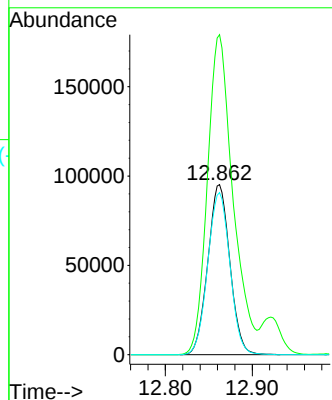
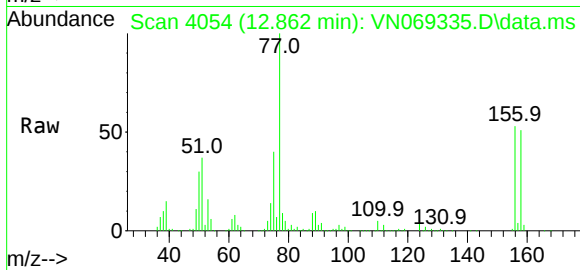
Tgt Ion:156 Resp: 167682

Ion Ratio Lower Upper

156 100

77 217.4 111.8 335.3

158 96.1 48.4 145.0



#78

n-propylbenzene

Concen: 45.237 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN069335.D

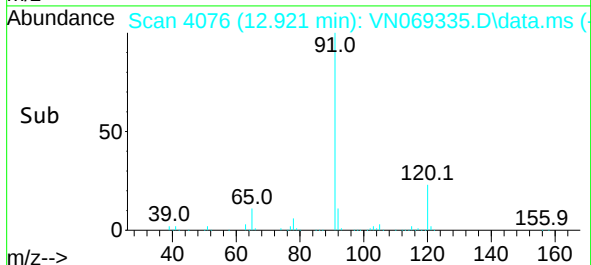
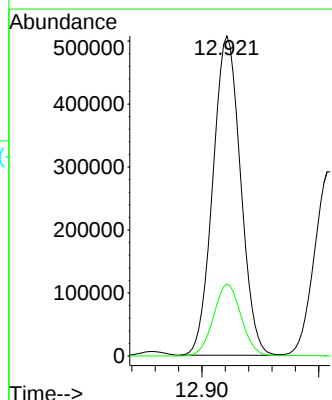
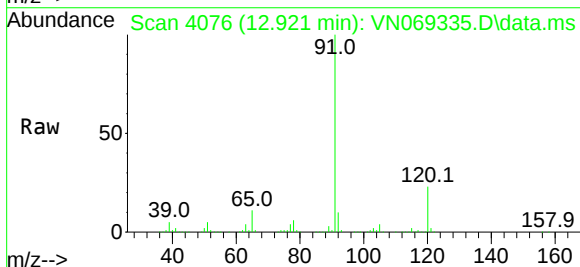
Acq: 1 Nov 2021 21:41

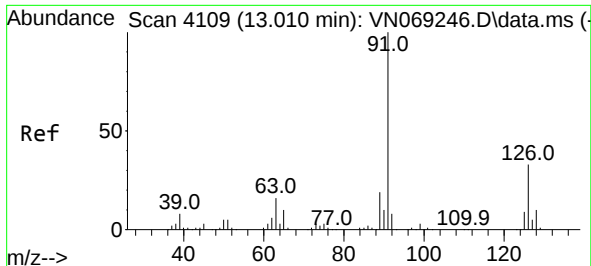
Tgt Ion: 91 Resp: 835482

Ion Ratio Lower Upper

91 100

120 22.5 11.4 34.1

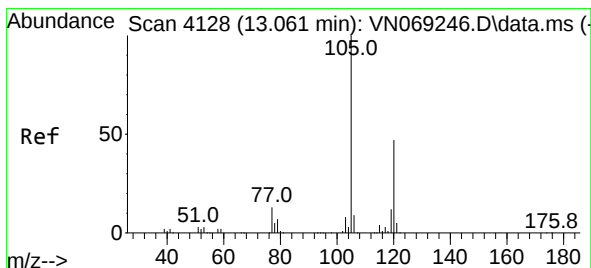
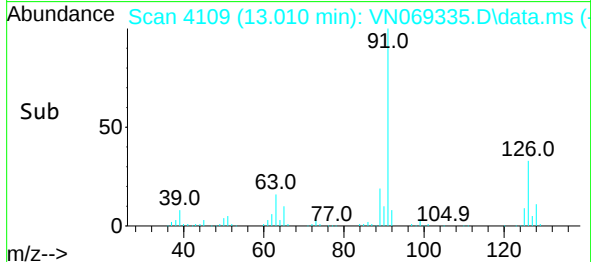
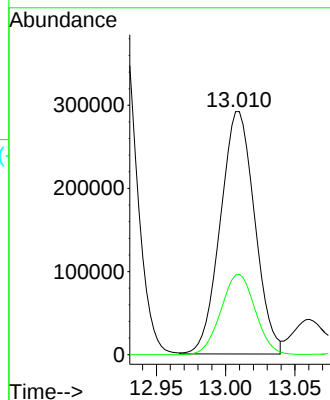
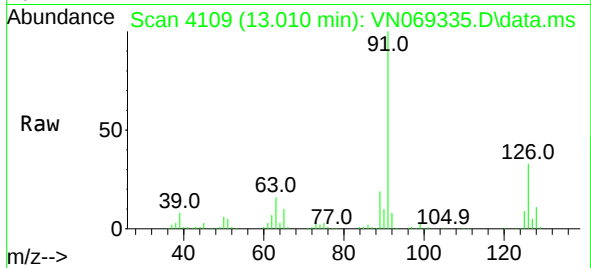




#79  
2-Chlorotoluene  
Concen: 43.262 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

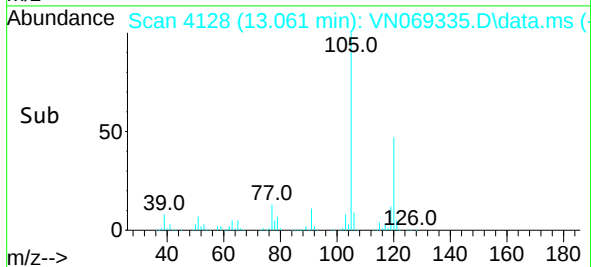
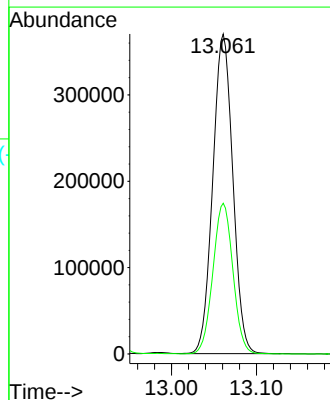
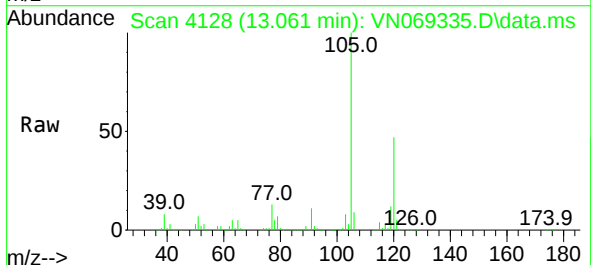
Instrument :  
MSVOA\_N  
ClientSampleId :

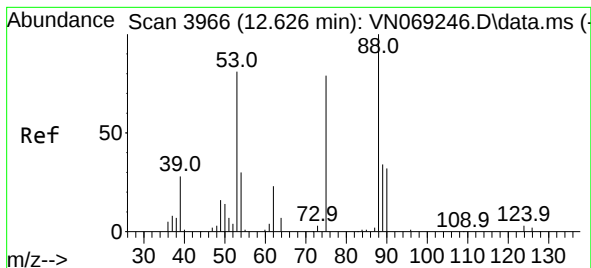
Tgt Ion: 91 Resp: 503205  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 44.733 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 105 Resp: 605920  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.4 70.2

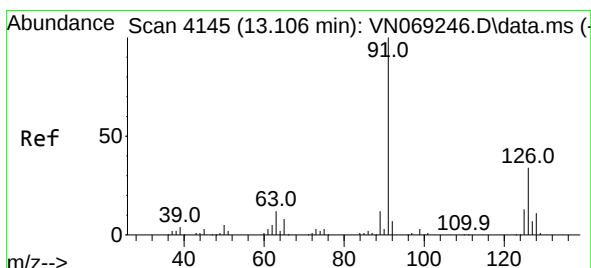
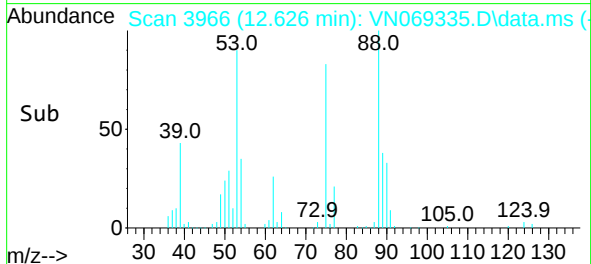
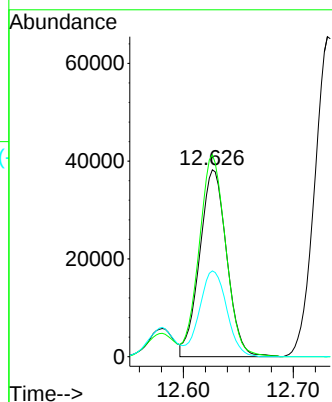
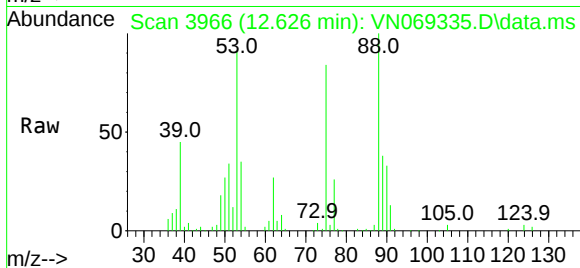




#81  
trans-1,4-Dichloro-2-butene  
Concen: 38.763 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

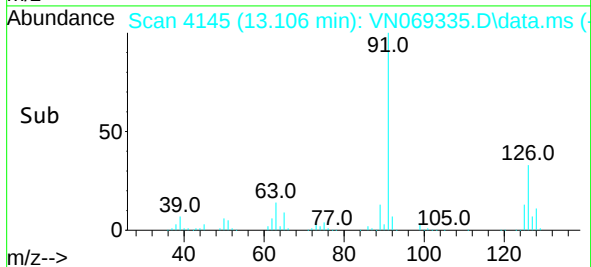
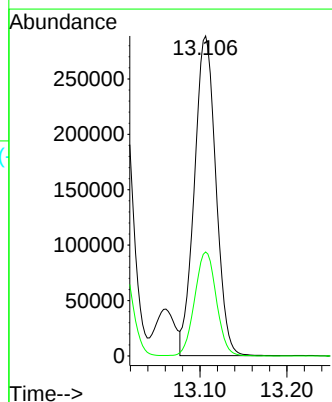
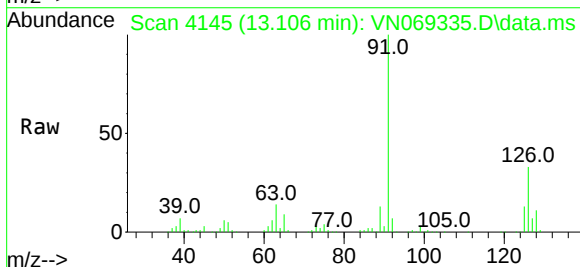
Instrument :  
MSVOA\_N  
ClientSampleId :

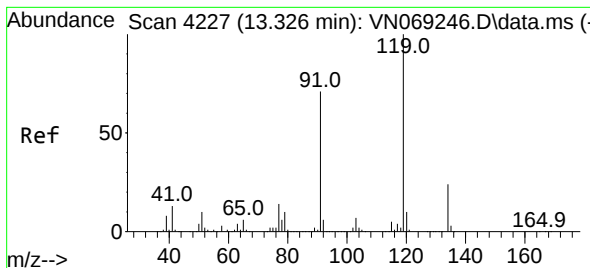
Tgt Ion: 75 Resp: 65417  
Ion Ratio Lower Upper  
75 100  
53 106.3 75.4 113.2  
89 46.2 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 43.061 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 91 Resp: 494003  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.3 48.8





#83

tert-Butylbenzene

Concen: 44.781 ug/l

RT: 13.324 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :

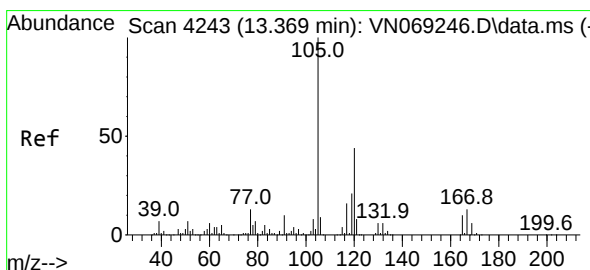
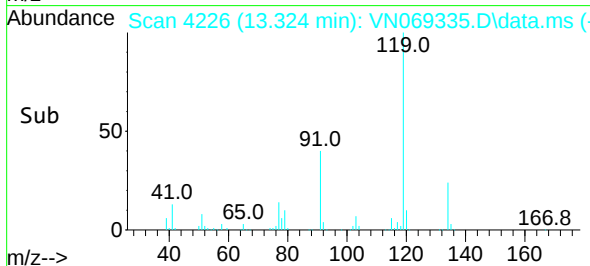
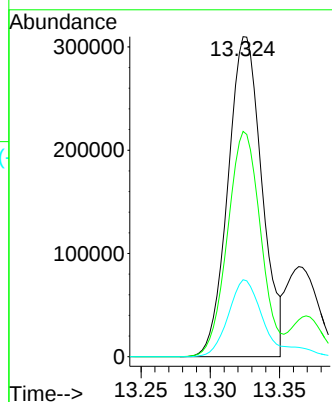
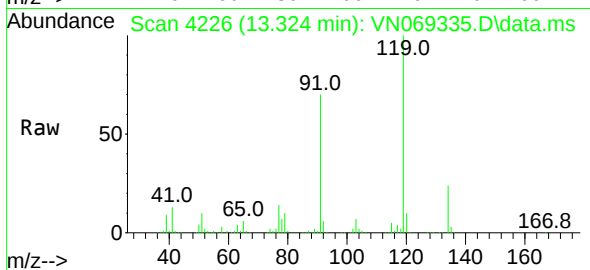
Tgt Ion:119 Resp: 529219

Ion Ratio Lower Upper

119 100

91 69.1 34.6 103.9

134 25.8 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 45.202 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069335.D

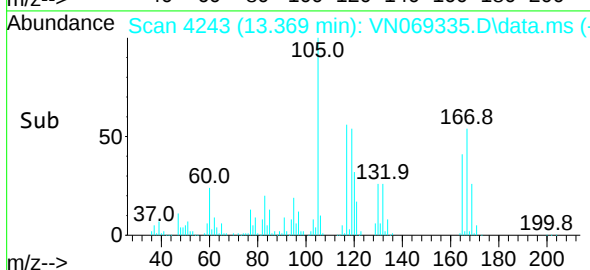
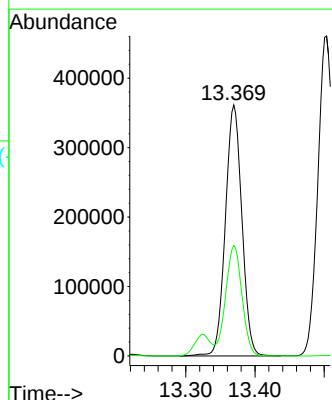
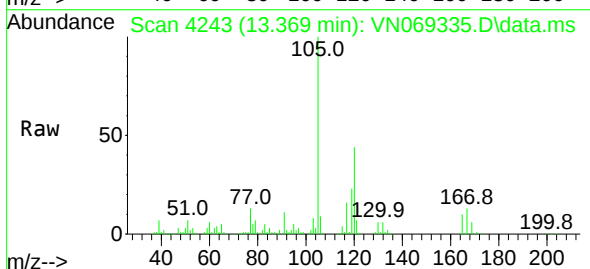
Acq: 1 Nov 2021 21:41

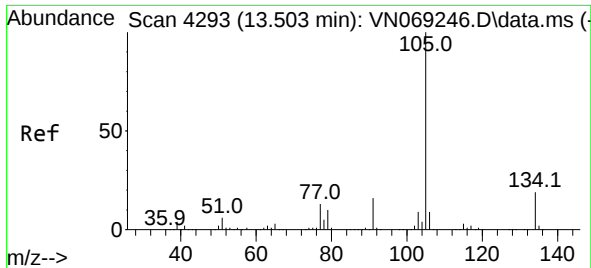
Tgt Ion:105 Resp: 598845

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.5

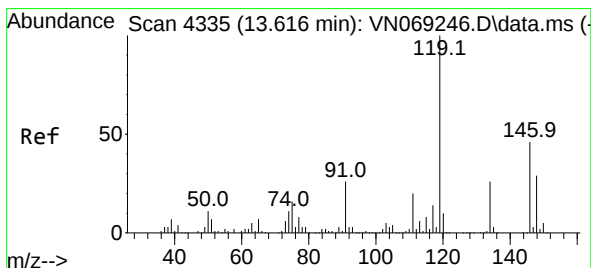
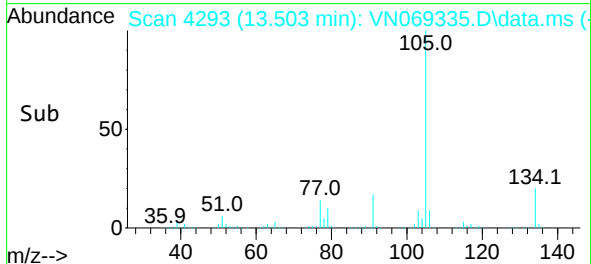
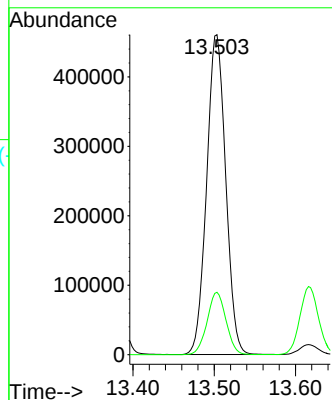
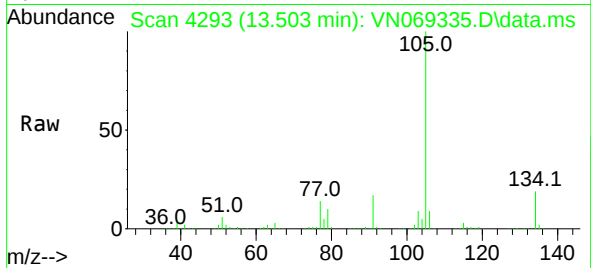




#85  
 sec-Butylbenzene  
 Concen: 45.852 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

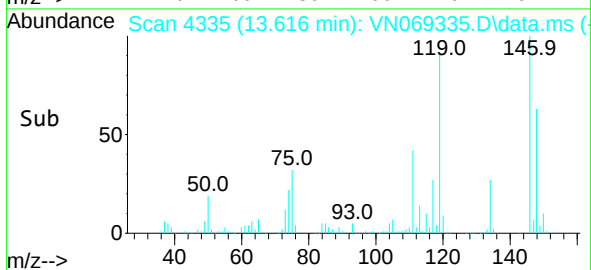
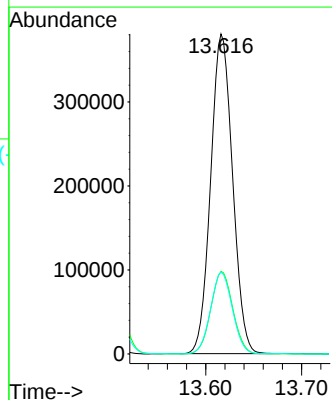
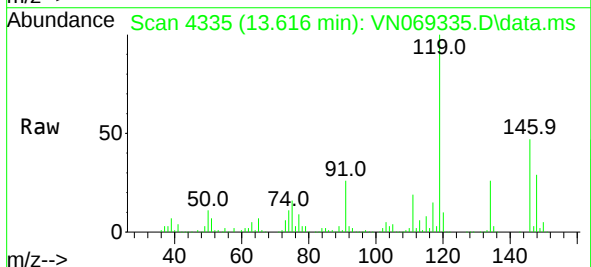
Instrument :  
 MSVOA\_N  
 ClientSampleId :

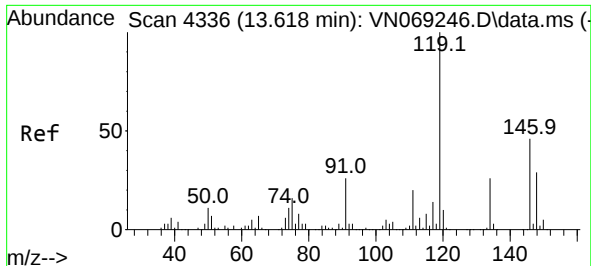
Tgt Ion:105 Resp: 750764  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 46.179 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.000 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

Tgt Ion:119 Resp: 603020  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.9 38.6  
 91 25.3 12.8 38.4

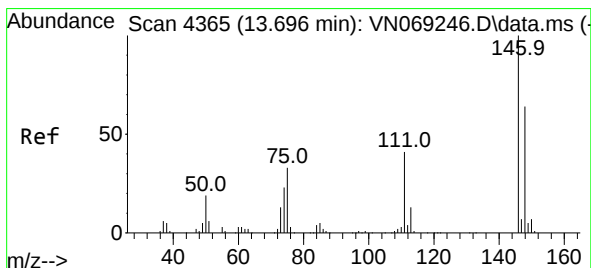
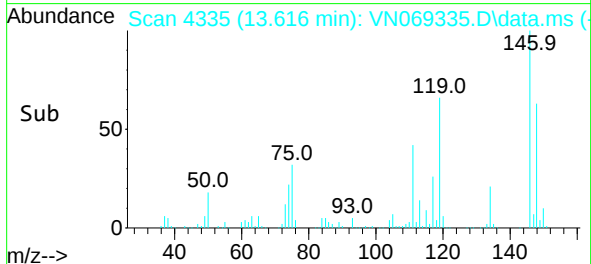
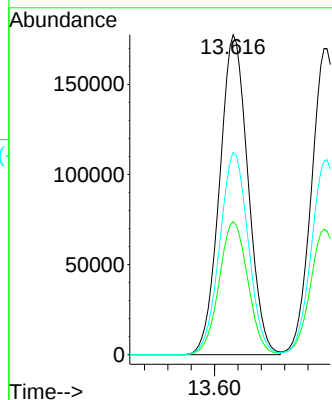
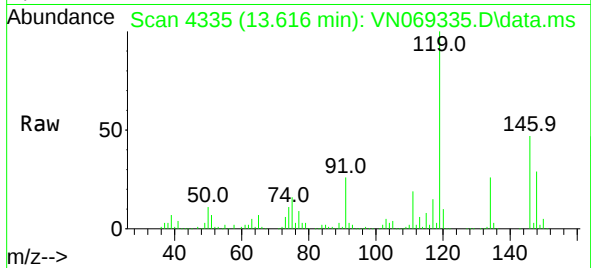




#87  
 1,3-Dichlorobenzene  
 Concen: 44.789 ug/l  
 RT: 13.616 min Scan# 41  
 Delta R.T. -0.002 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

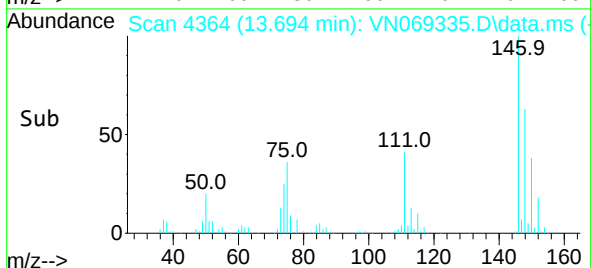
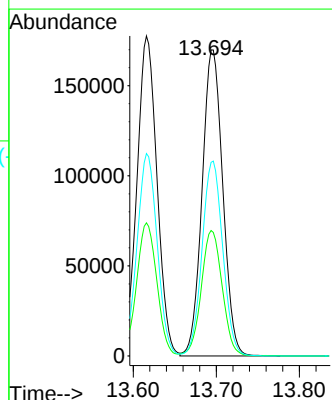
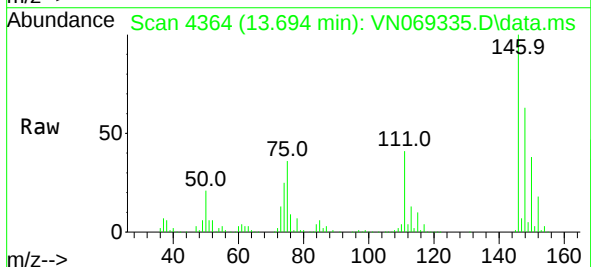
Instrument :  
 MSVOA\_N  
 ClientSampleId :

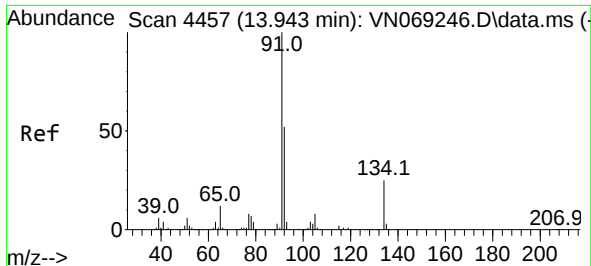
Tgt Ion:146 Resp: 299931  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.4 64.2  
 148 63.9 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 45.222 ug/l  
 RT: 13.694 min Scan# 4364  
 Delta R.T. -0.002 min  
 Lab File: VN069335.D  
 Acq: 1 Nov 2021 21:41

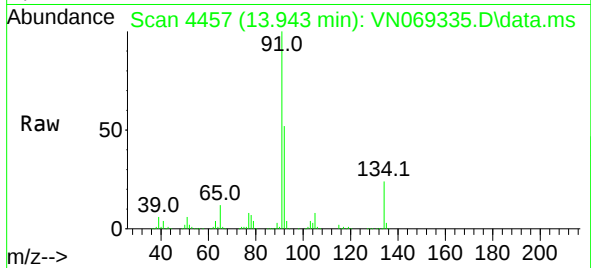
Tgt Ion:146 Resp: 294005  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 20.6 61.8  
 148 63.8 32.1 96.5



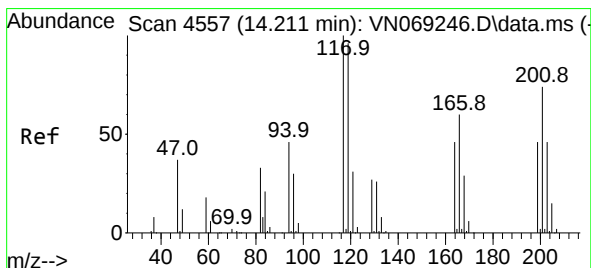
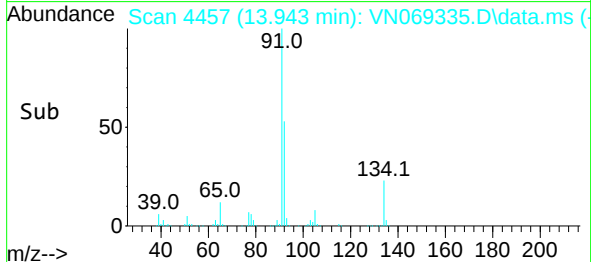
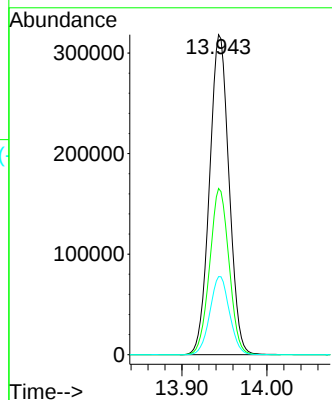


#89  
n-Butylbenzene  
Concen: 45.812 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Instrument :  
MSVOA\_N  
ClientSampleId :

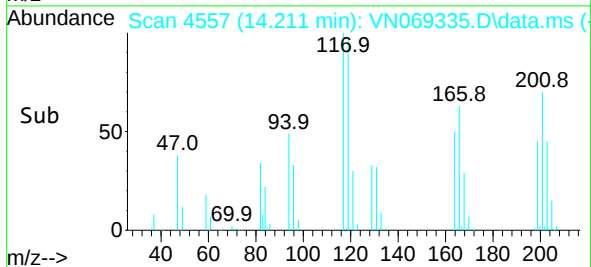
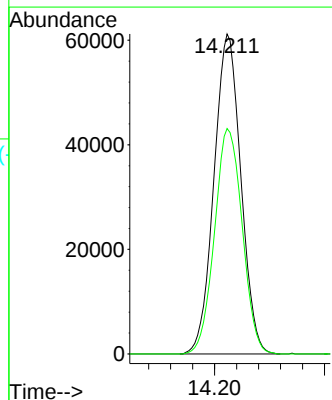
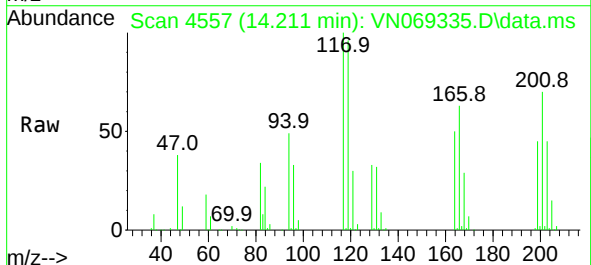


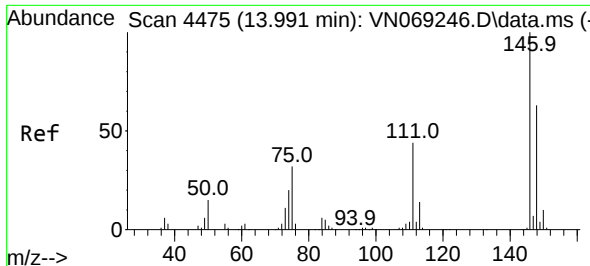
Tgt Ion: 91 Resp: 506620  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.0 78.0  
134 24.5 12.5 37.5



#90  
Hexachloroethane  
Concen: 40.557 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

Tgt Ion: 117 Resp: 103855  
Ion Ratio Lower Upper  
117 100  
201 72.5 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 44.835 ug/l

RT: 13.989 min Scan# 4475

Delta R.T. -0.002 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :

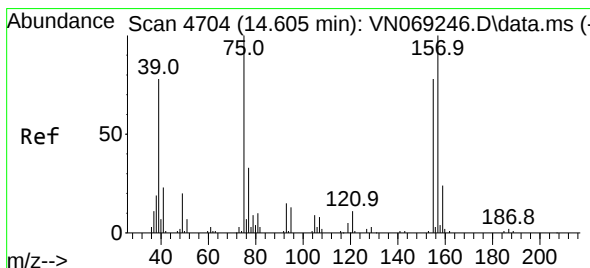
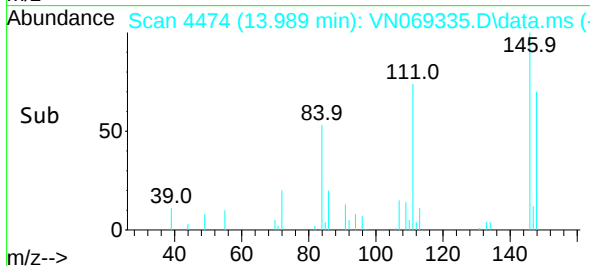
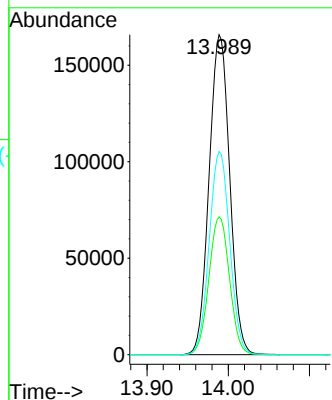
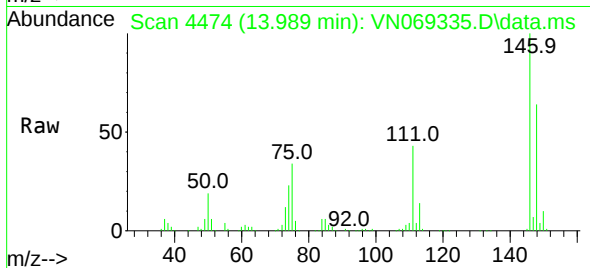
Tgt Ion:146 Resp: 292510

Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 63.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.044 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. -0.002 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

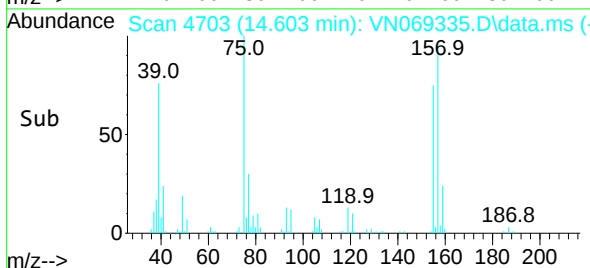
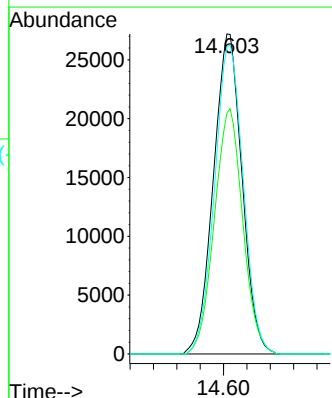
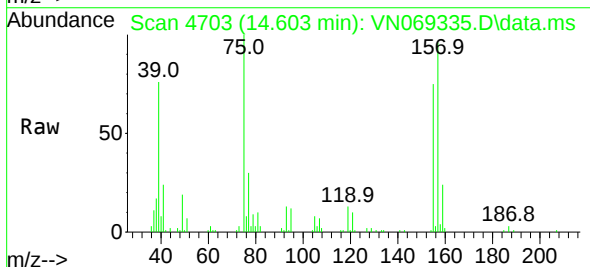
Tgt Ion: 75 Resp: 46227

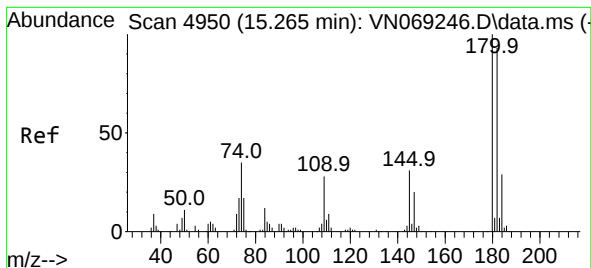
Ion Ratio Lower Upper

75 100

155 76.1 38.8 116.4

157 96.8 50.2 150.6





#93

1,2,4-Trichlorobenzene

Concen: 44.283 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

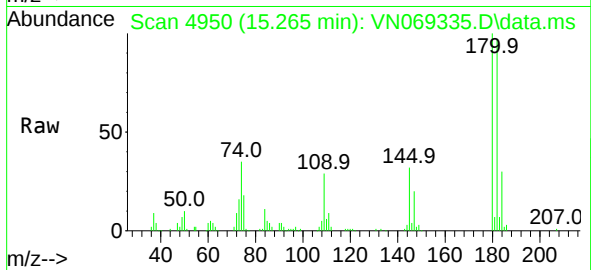
Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

Instrument :

MSVOA\_N

ClientSampleId :



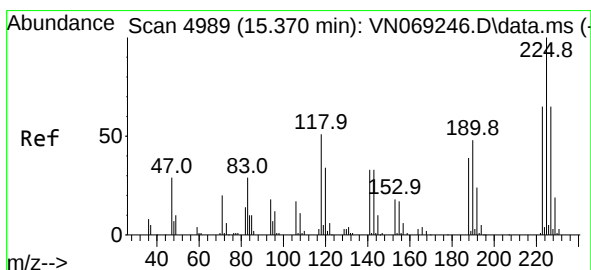
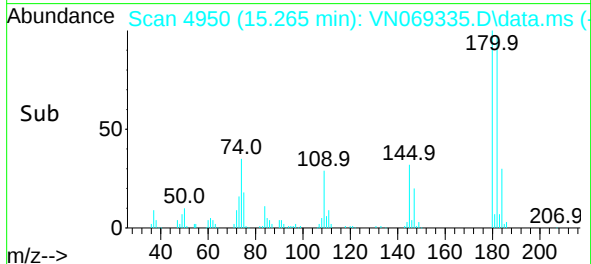
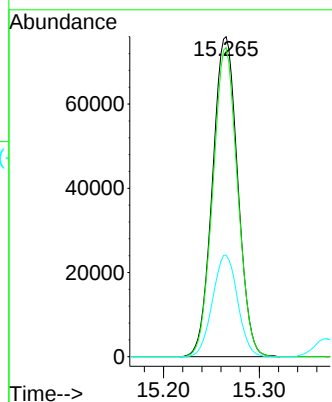
Tgt Ion:180 Resp: 138658

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 31.5 16.4 49.2



#94

Hexachlorobutadiene

Concen: 45.690 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. -0.000 min

Lab File: VN069335.D

Acq: 1 Nov 2021 21:41

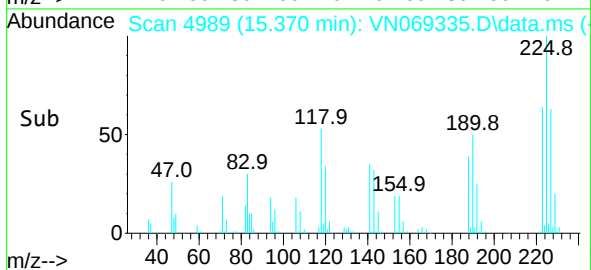
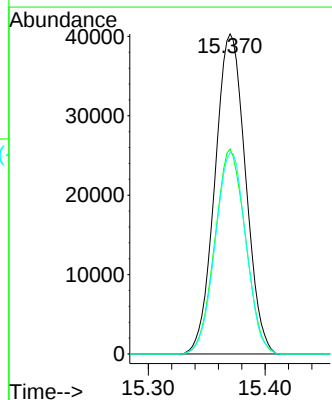
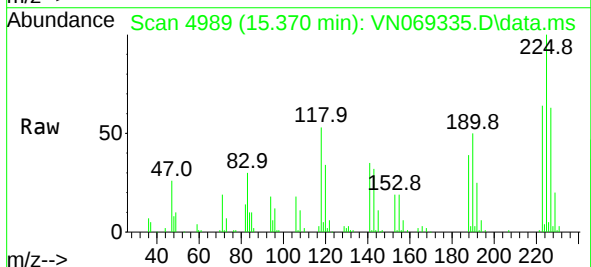
Tgt Ion:225 Resp: 73353

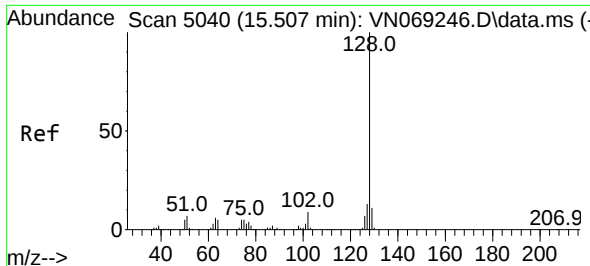
Ion Ratio Lower Upper

225 100

223 64.1 31.5 94.5

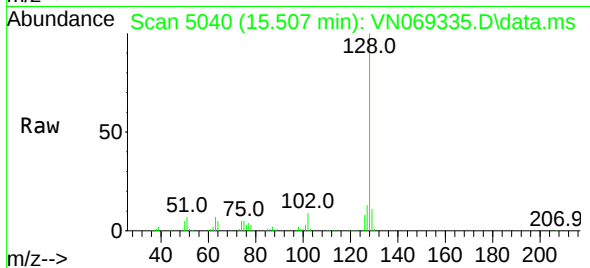
227 63.1 31.6 94.7



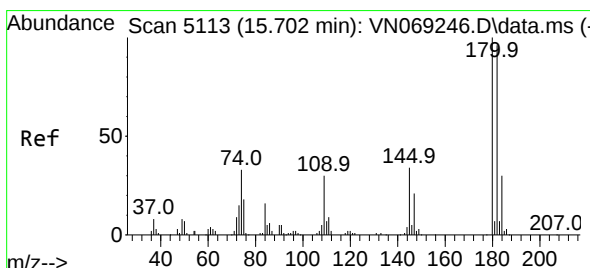
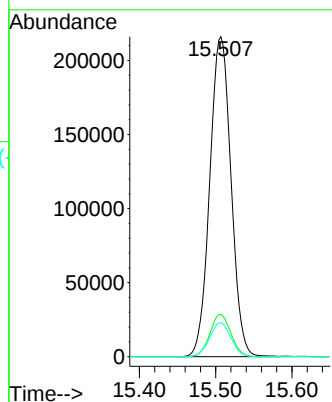
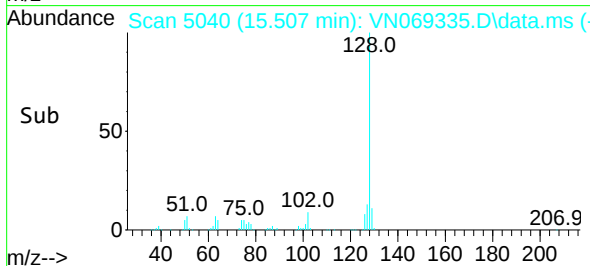


#95  
Naphthalene  
Concen: 43.596 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41

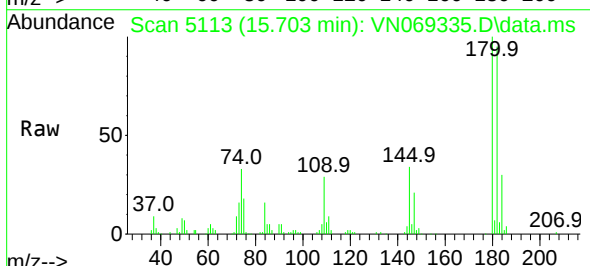
Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 418482  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 45.496 ug/l  
RT: 15.703 min Scan# 5113  
Delta R.T. 0.001 min  
Lab File: VN069335.D  
Acq: 1 Nov 2021 21:41



Tgt Ion:180 Resp: 139447  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.1 144.3  
145 34.0 17.4 52.2

