

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111121\  
 Data File : VN069450.D  
 Acq On : 11 Nov 2021 10:23  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 12 05:14:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.083  | 168  | 1043749  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1763563  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1693315  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 747067   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 746427   | 49.322   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 98.640% |
| 35) Dibromofluoromethane    | 8.021  | 113   | 524330   | 49.572   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.140% |
| 50) Toluene-d8              | 10.440 | 98    | 2020110  | 48.561   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 97.120% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 758883   | 49.658   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 99.320% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 555611  | 49.826  | ug/l   | 98  |
| 3) Chloromethane             | 2.303 | 50  | 594738  | 45.990  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.446 | 62  | 584684  | 45.154  | ug/l   | 99  |
| 5) Bromomethane              | 2.842 | 94  | 362146  | 43.064  | ug/l   | 99  |
| 6) Chloroethane              | 3.011 | 64  | 382890  | 43.809  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.371 | 101 | 887841  | 44.365  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.819 | 74  | 318502  | 49.191  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.205 | 101 | 439946  | 46.669  | ug/l   | 94  |
| 10) Methyl Iodide            | 4.417 | 142 | 581770  | 50.316  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.380 | 59  | 619707  | 227.245 | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 4.178 | 96  | 393584  | 46.525  | ug/l   | 88  |
| 13) Acrolein                 | 4.039 | 56  | 115160  | 299.517 | ug/l   | 96  |
| 14) Allyl chloride           | 4.838 | 41  | 923159  | 49.358  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.554 | 53  | 1769993 | 253.453 | ug/l   | 99  |
| 16) Acetone                  | 4.285 | 43  | 1965911 | 240.763 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.524 | 76  | 903138  | 45.164  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.854 | 43  | 1282209 | 48.307  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1883575 | 52.612  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.090 | 84  | 554198  | 47.864  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 456332  | 48.296  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.495 | 45  | 2109935 | 52.370  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.434 | 43  | 8302311 | 266.433 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 1019911 | 49.701  | ug/l   | 98  |
| 25) 2-Butanone               | 7.335 | 43  | 2742878 | 248.078 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 795691  | 49.558  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 597380  | 51.001  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.657 | 49  | 504803  | 48.036  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.686 | 42  | 1709189 | 251.902 | ug/l   | 90  |
| 30) Chloroform               | 7.818 | 83  | 1073246 | 51.015  | ug/l   | 100 |
| 31) Cyclohexane              | 8.094 | 56  | 895628  | 43.318  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 864680  | 49.240  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 721503  | 48.621  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.413 | 43  | 1038237 | 51.758  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 704591  | 49.181  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.459 | 83  | 875984  | 47.454  | ug/l   | 92  |
| 40) Benzene                  | 8.459 | 78  | 2284180 | 49.869  | ug/l   | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 12 05:14:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 524871   | 50.639  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 933483   | 52.049  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 1678725  | 52.102  | ug/l   | 94       |
| 44) Trichloroethene           | 9.215  | 130  | 555789   | 50.701  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 638224   | 52.153  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 430503   | 52.521  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.762  | 83   | 825099   | 53.944  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.558  | 41   | 759846   | 50.126  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 274108   | 915.861 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 5465220  | 262.788 | ug/l   | 96       |
| 52) Toluene                   | 10.505 | 92   | 1453928  | 50.952  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 899530   | 47.946  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 971426   | 49.052  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 616549   | 53.601  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 1043854  | 48.230  | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 1078568  | 53.361  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 1417005  | 253.841 | ug/l   | 93       |
| 59) 2-Hexanone                | 11.084 | 43   | 4046542  | 231.065 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.237 | 129  | 611519   | 48.513  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 640156   | 49.863  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.977 | 164  | 504262   | 49.319  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.771 | 112  | 1595670  | 50.627  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 582373   | 53.271  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 2885106  | 49.632  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 2163187  | 101.181 | ug/l   | 95       |
| 69) o-Xylene                  | 12.280 | 106  | 1083019  | 50.813  | ug/l   | 93       |
| 70) Styrene                   | 12.294 | 104  | 1816138  | 47.535  | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 437924   | 46.399  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.578 | 105  | 2855744  | 48.010  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.388 | 43   | 1330039  | 52.762  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 978872   | 48.793  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 1193224  | 69.210  | ug/l   | 71       |
| 77) Bromobenzene              | 12.860 | 156  | 675006   | 49.619  | ug/l   | 81       |
| 78) n-propylbenzene           | 12.919 | 91   | 3275398  | 48.937  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 1991937  | 48.066  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 2367719  | 49.239  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 266056   | 46.406  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1955041  | 49.488  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 2043492  | 48.494  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.367 | 105  | 2333432  | 50.265  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.501 | 105  | 2891987  | 49.129  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 2331451  | 49.893  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 1186260  | 50.297  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 1148302  | 49.629  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.943 | 91   | 1960991  | 50.323  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.211 | 117  | 387453   | 45.321  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 1155957  | 51.507  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 170520   | 45.871  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 558761   | 47.671  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 298188   | 51.135  | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 1541928  | 46.806  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 542126   | 48.325  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 12 05:14:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 09 18:18:22 2021  
Response via : Initial Calibration

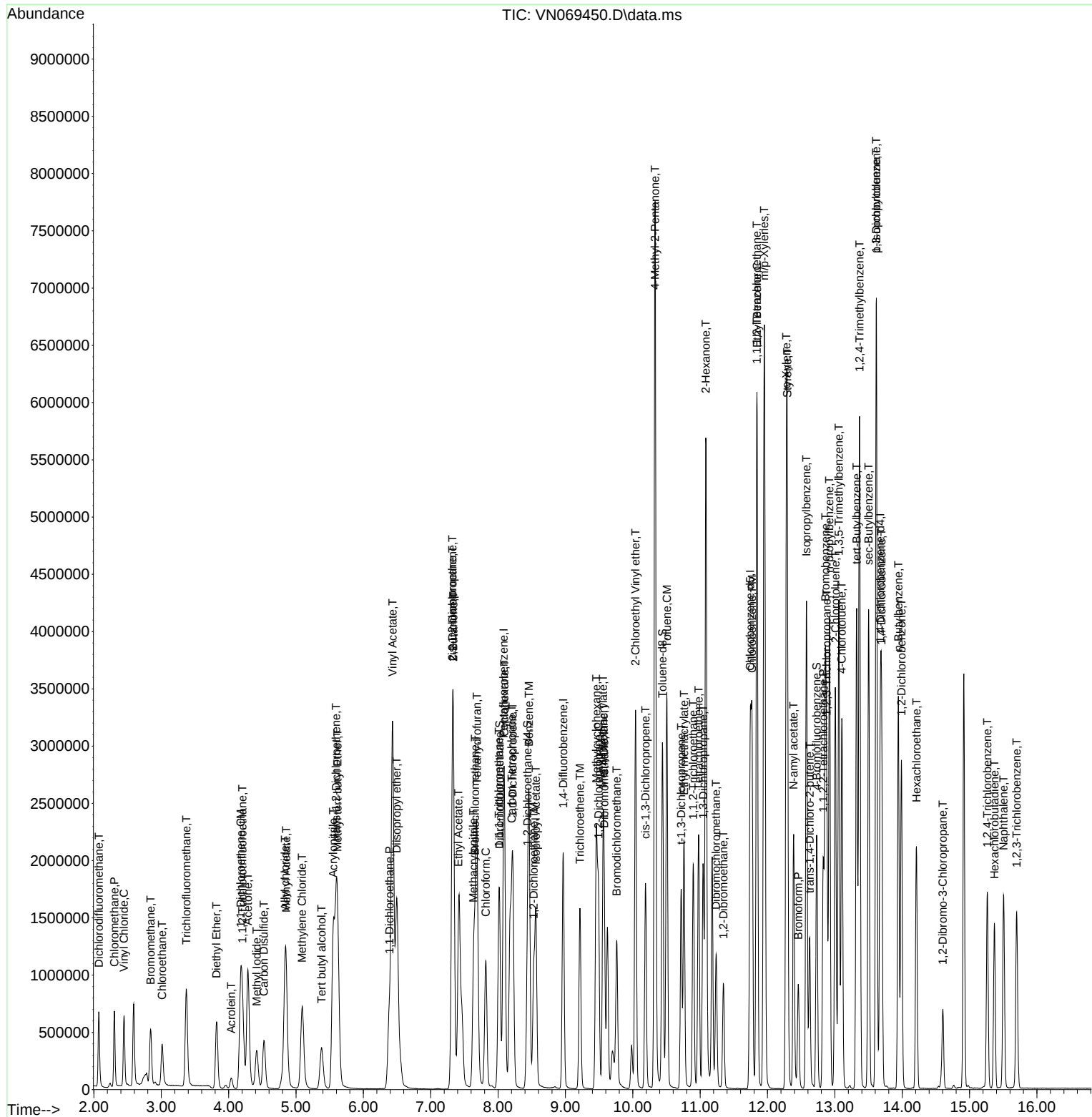
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

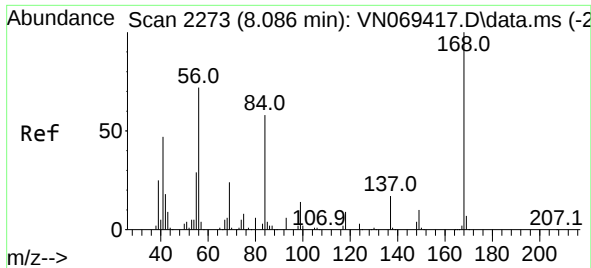
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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

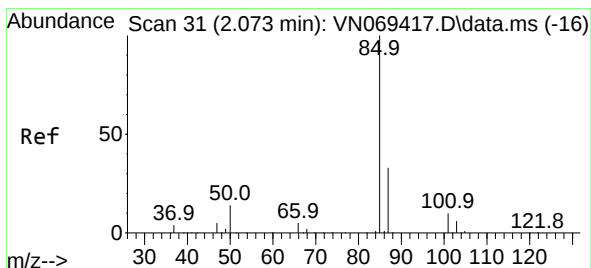
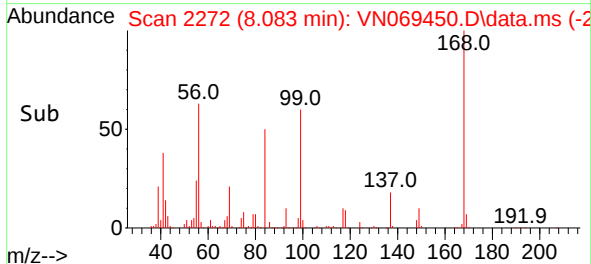
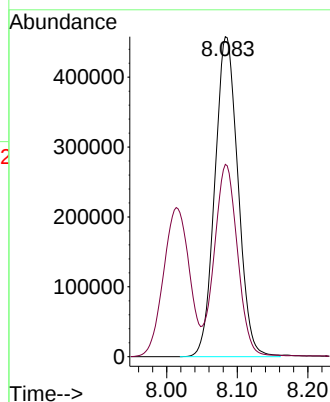
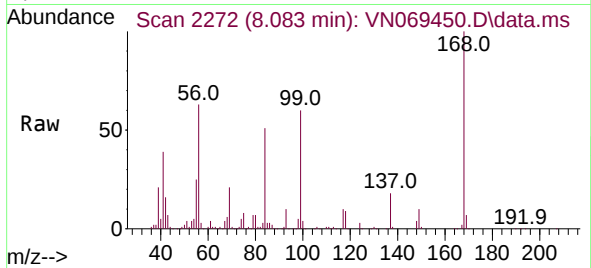




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.083 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

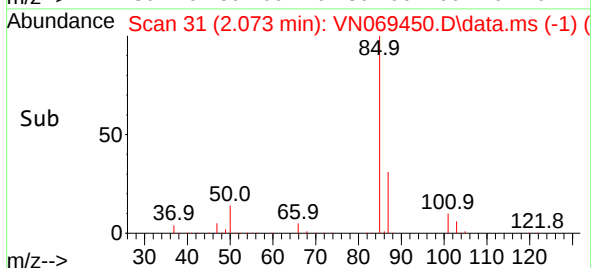
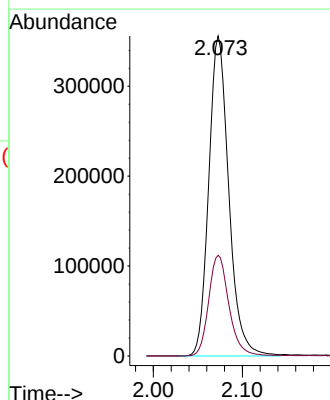
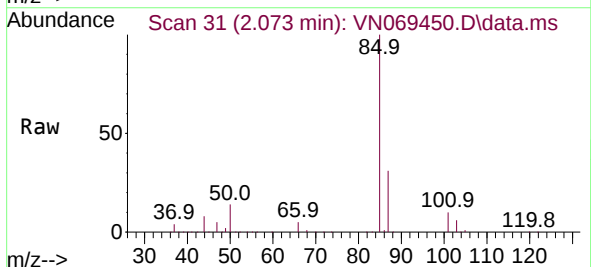
Instrument :  
MSVOA\_N  
ClientSampleId :

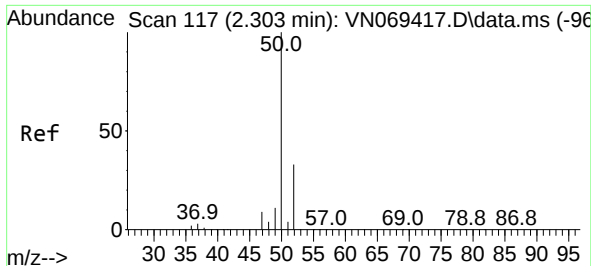
Tgt Ion:168 Resp: 1043749  
Ion Ratio Lower Upper  
168 100  
99 59.7 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 49.826 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 85 Resp: 555611  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.3 48.9

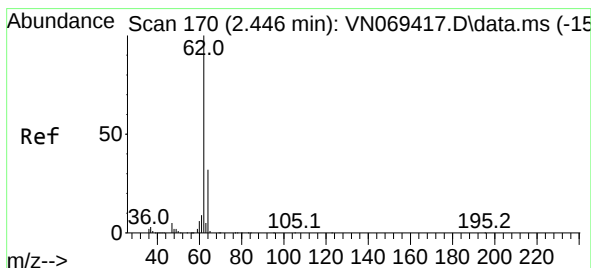
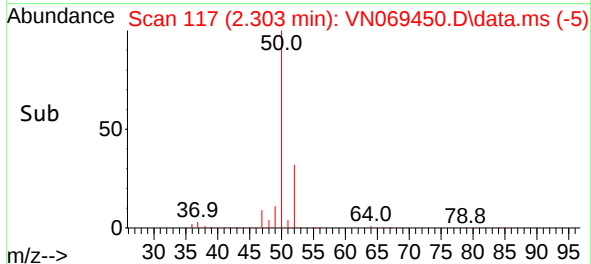
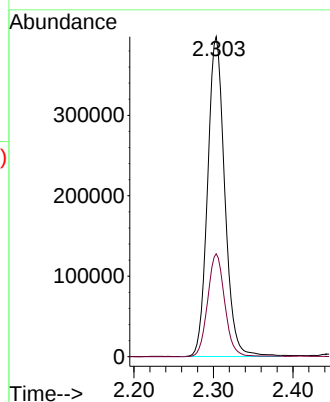
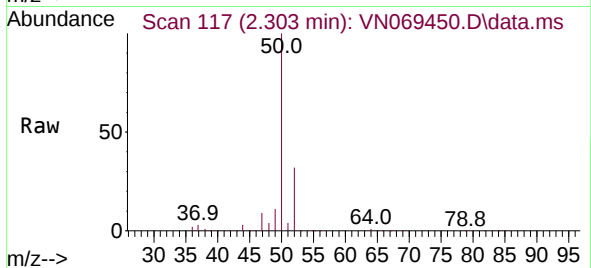




#3  
Chloromethane  
Concen: 45.990 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

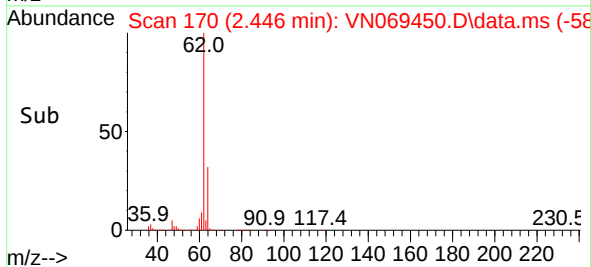
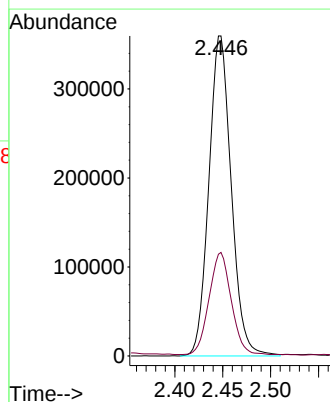
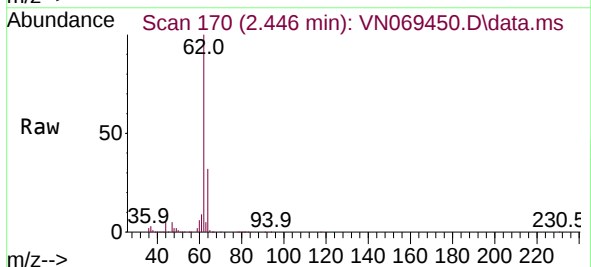
Instrument :  
MSVOA\_N  
ClientSampleId :

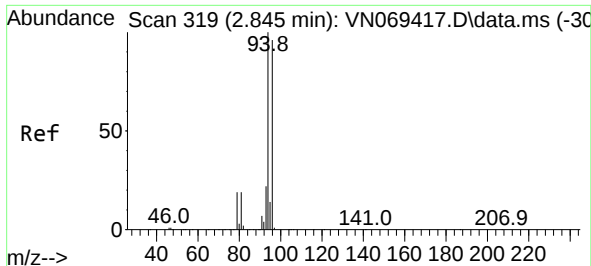
Tgt Ion: 50 Resp: 594738  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.4 38.0



#4  
Vinyl Chloride  
Concen: 45.154 ug/l  
RT: 2.446 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 62 Resp: 584684  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.8 38.6

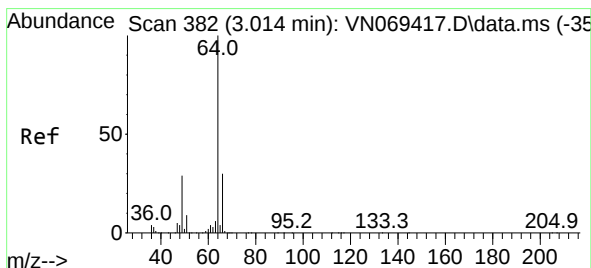
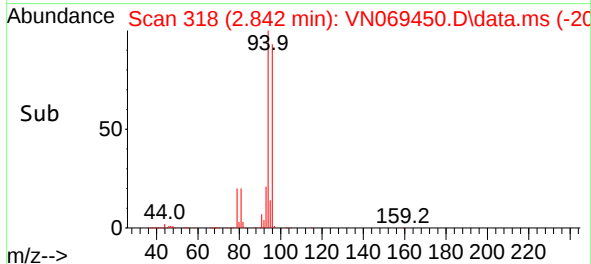
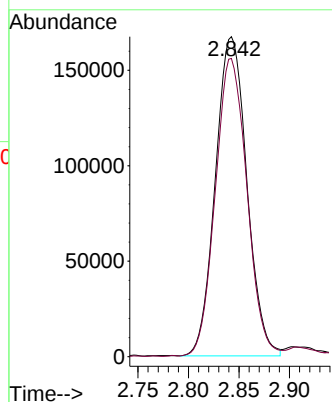
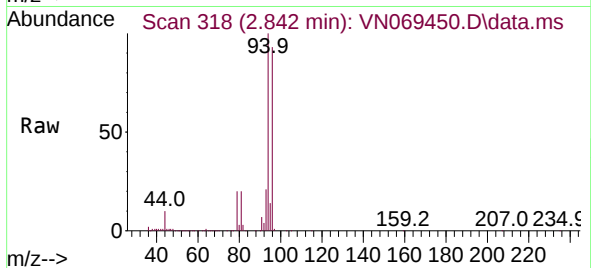




#5  
Bromomethane  
Concen: 43.064 ug/l  
RT: 2.842 min Scan# 319  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

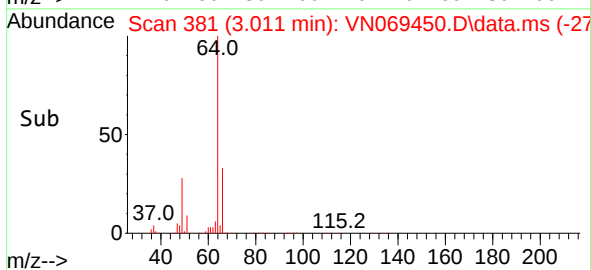
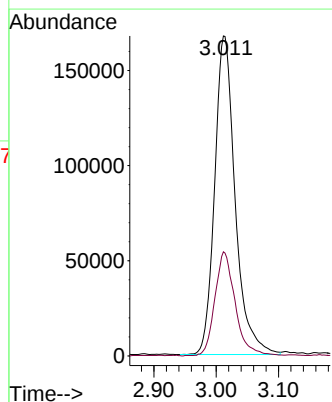
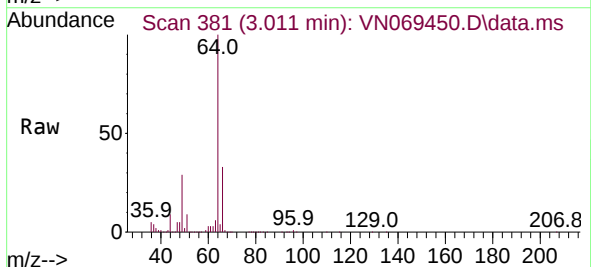
Instrument :  
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ClientSampleId :

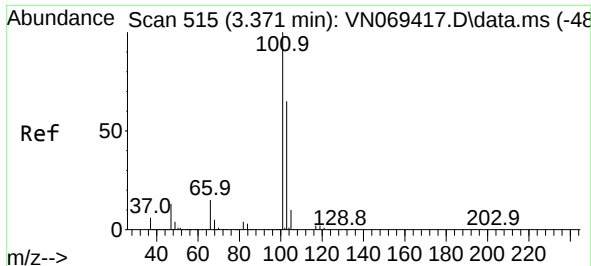
Tgt Ion: 94 Resp: 362146  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.8 110.8



#6  
Chloroethane  
Concen: 43.809 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 64 Resp: 382890  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.3 39.5

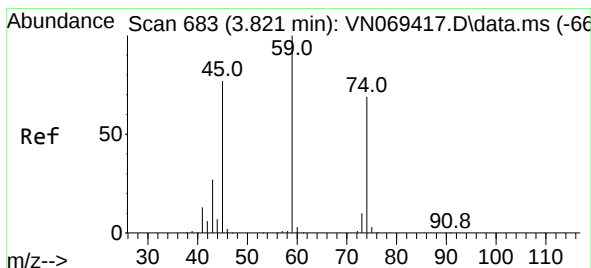
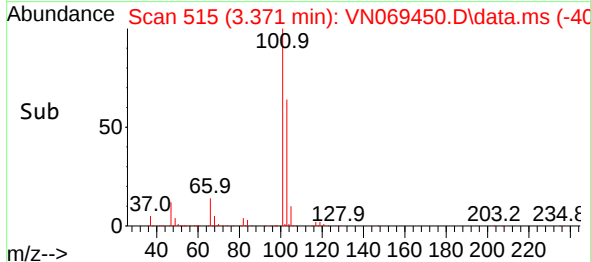
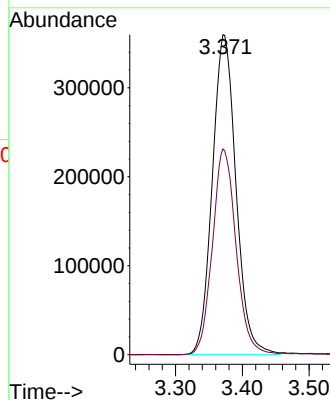
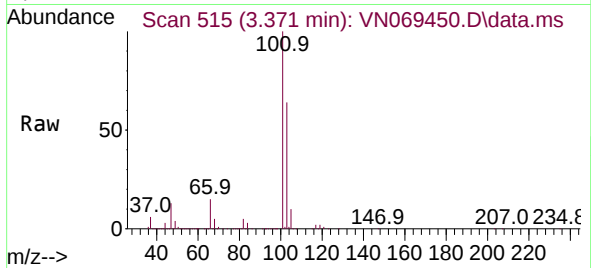




#7  
 Trichlorofluoromethane  
 Concen: 44.365 ug/l  
 RT: 3.371 min Scan# 515  
 Delta R.T. -0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

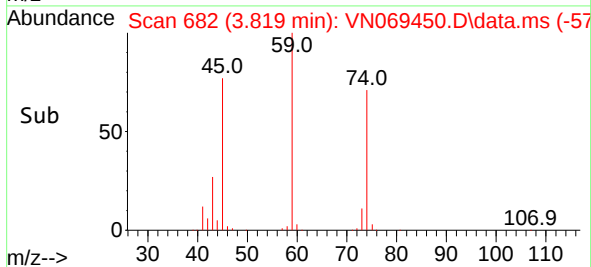
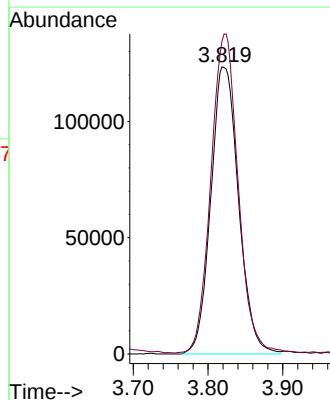
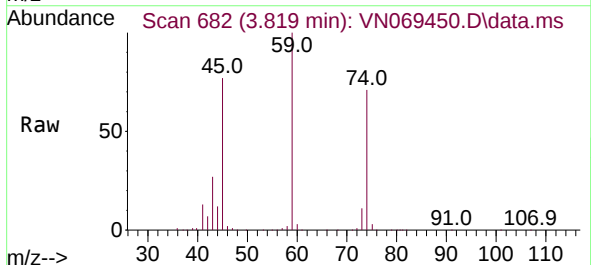
Instrument :  
 MSVOA\_N  
 ClientSampleId :

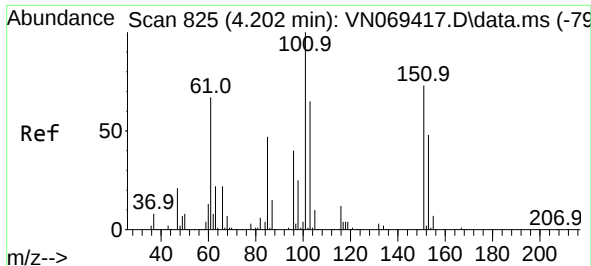
Tgt Ion:101 Resp: 887841  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 49.191 ug/l  
 RT: 3.819 min Scan# 682  
 Delta R.T. -0.002 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Tgt Ion: 74 Resp: 318502  
 Ion Ratio Lower Upper  
 74 100  
 45 109.0 47.0 141.2

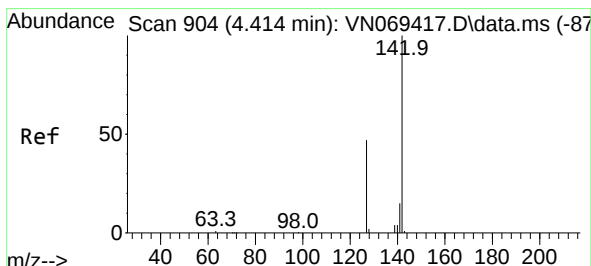
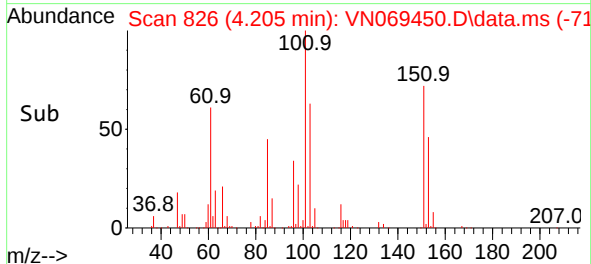
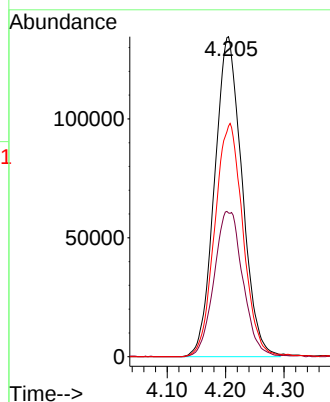
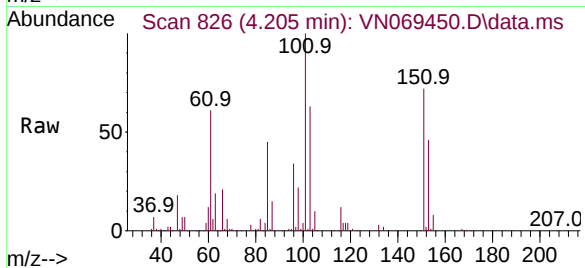




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.669 ug/l  
RT: 4.205 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

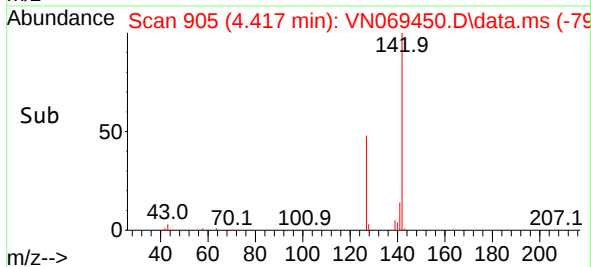
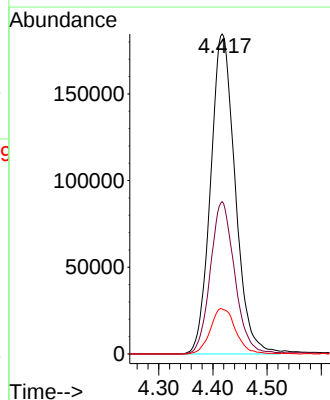
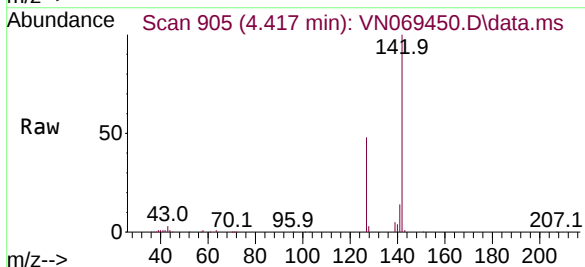
Instrument :  
MSVOA\_N  
ClientSampleId :

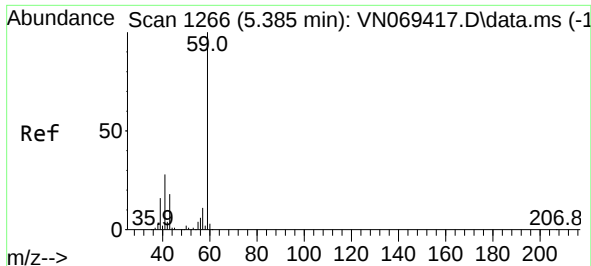
Tgt Ion:101 Resp: 439946  
Ion Ratio Lower Upper  
101 100  
85 47.5 37.2 55.8  
151 74.8 65.9 98.9



#10  
Methyl Iodide  
Concen: 50.316 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

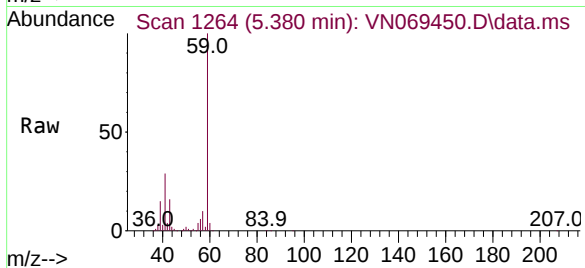
Tgt Ion:142 Resp: 581770  
Ion Ratio Lower Upper  
142 100  
127 47.1 35.4 53.0  
141 14.6 11.6 17.4



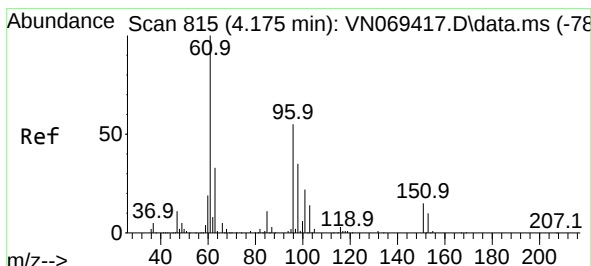
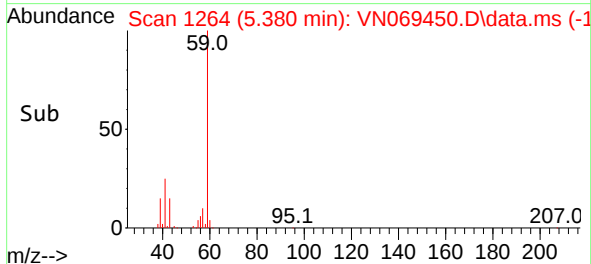
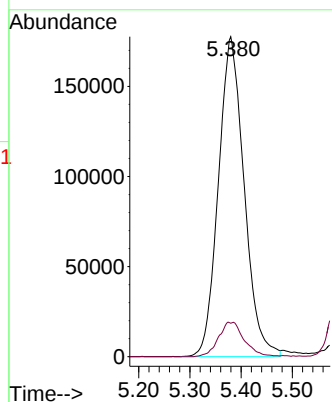


#11  
Tert butyl alcohol  
Concen: 227.245 ug/l  
RT: 5.380 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

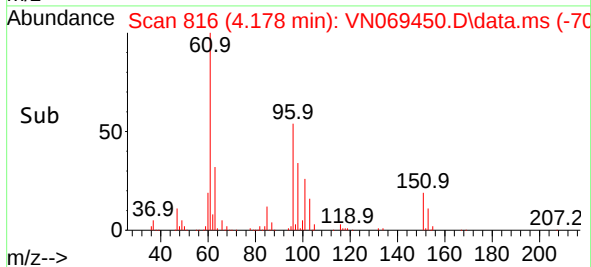
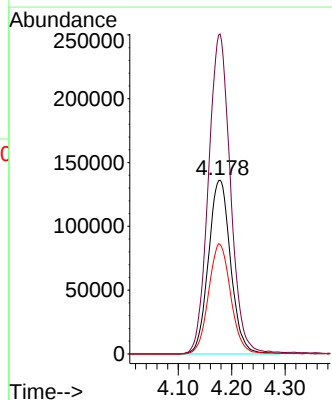
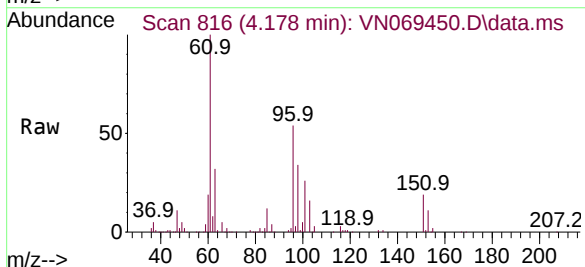


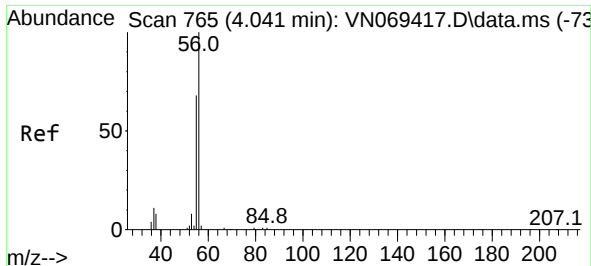
Tgt Ion: 59 Resp: 619707  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 46.525 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. 0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 96 Resp: 393584  
Ion Ratio Lower Upper  
96 100  
61 184.2 131.0 196.6  
98 63.1 52.4 78.6

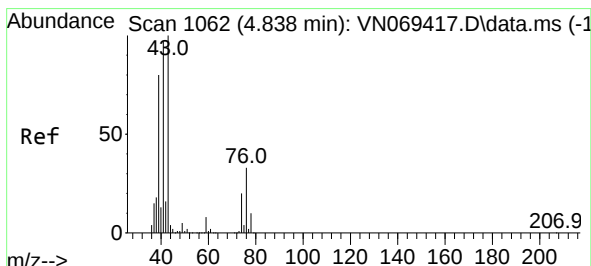
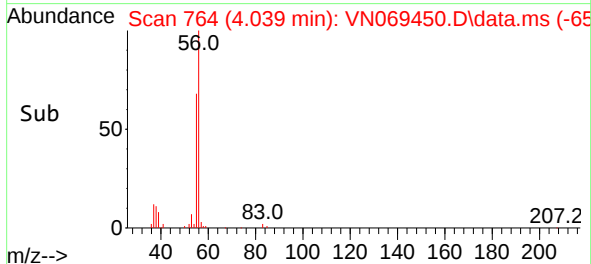
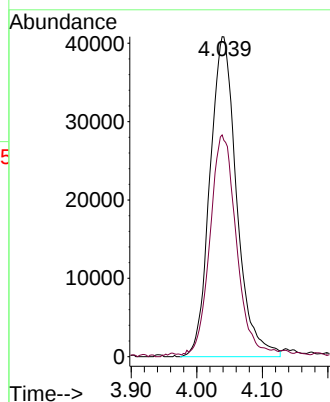
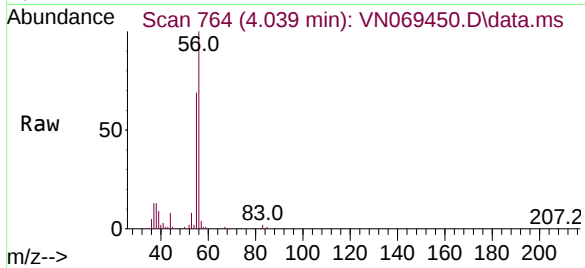




#13  
Acrolein  
Concen: 299.517 ug/l  
RT: 4.039 min Scan# 765  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

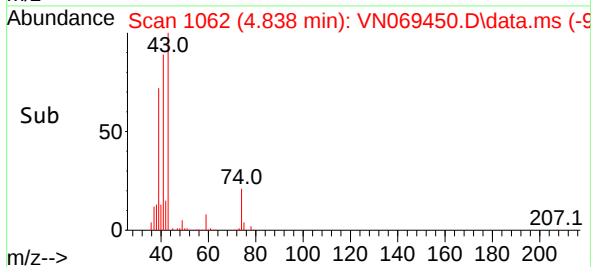
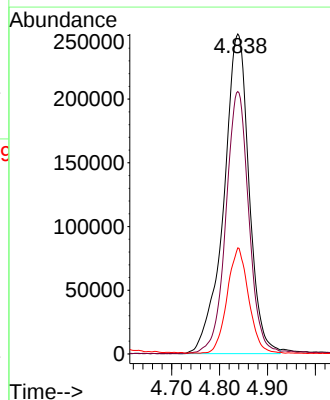
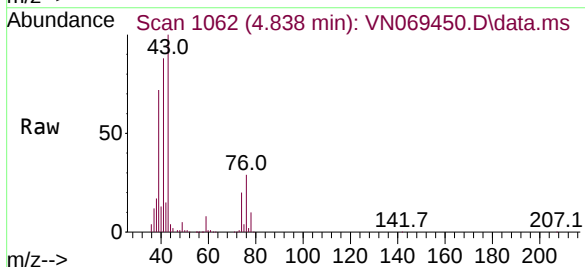
Instrument :  
MSVOA\_N  
ClientSampleId :

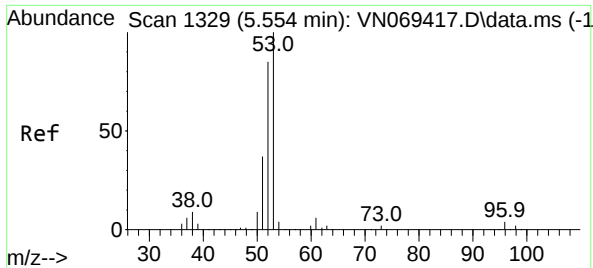
Tgt Ion: 56 Resp: 115160  
Ion Ratio Lower Upper  
56 100  
55 67.6 56.6 85.0



#14  
Allyl chloride  
Concen: 49.358 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

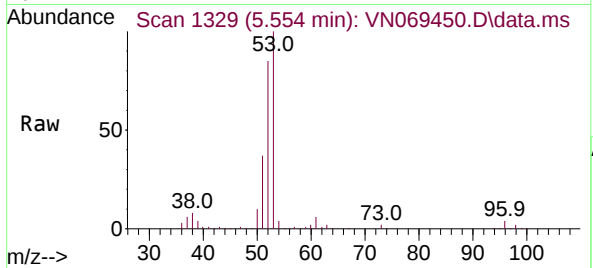
Tgt Ion: 41 Resp: 923159  
Ion Ratio Lower Upper  
41 100  
39 74.0 61.2 91.8  
76 27.7 26.0 39.0



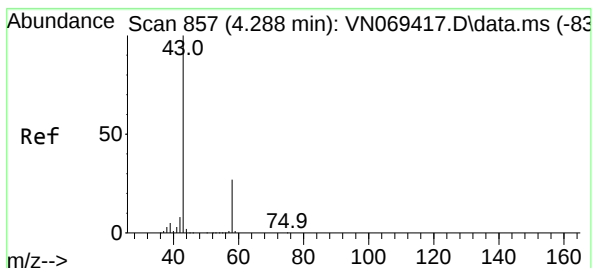
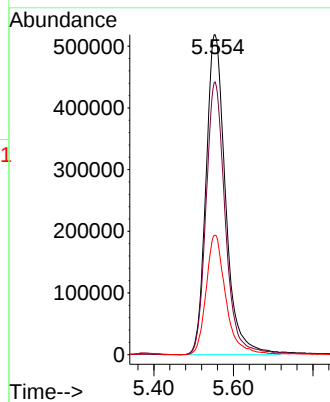
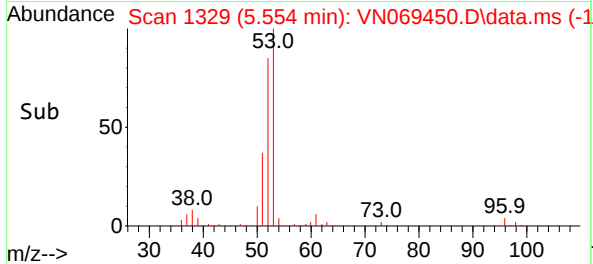


#15  
Acrylonitrile  
Concen: 253.453 ug/l  
RT: 5.554 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

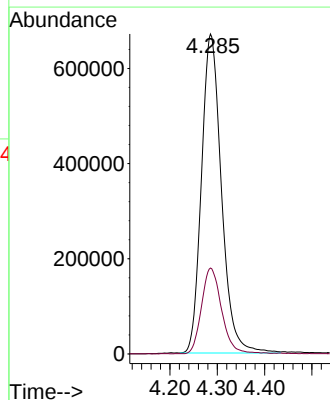
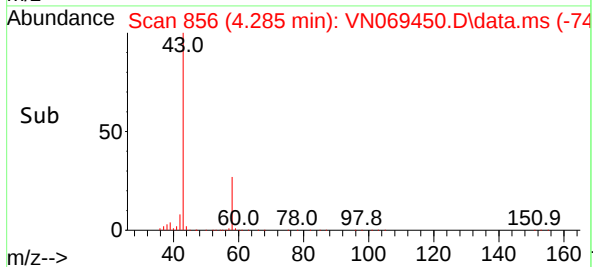
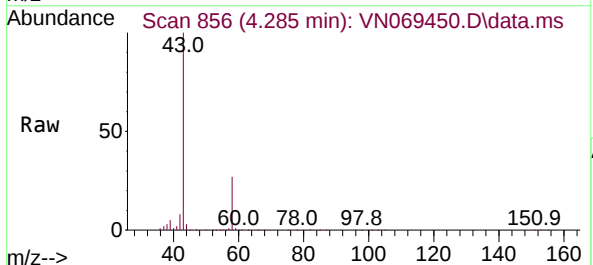


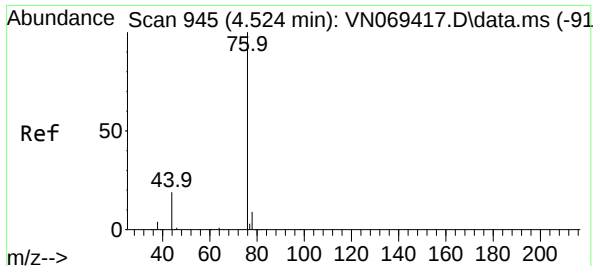
Tgt Ion: 53 Resp: 1769993  
Ion Ratio Lower Upper  
53 100  
52 83.6 66.2 99.2  
51 37.7 29.6 44.4



#16  
Acetone  
Concen: 240.763 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

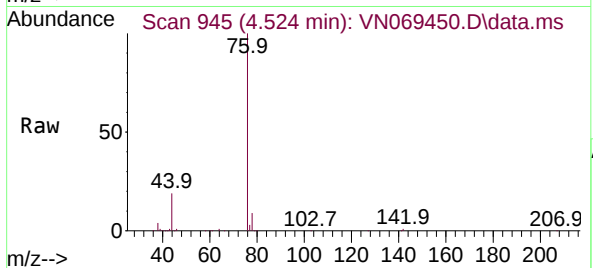
Tgt Ion: 43 Resp: 1965911  
Ion Ratio Lower Upper  
43 100  
58 26.9 23.1 34.7



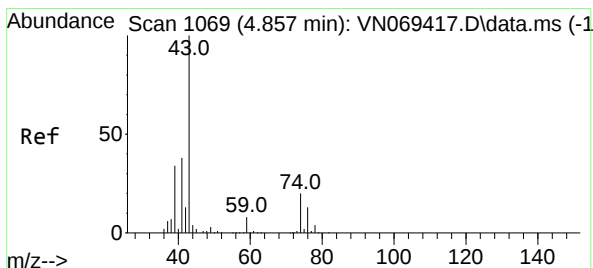
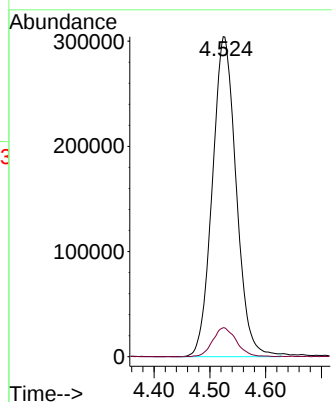
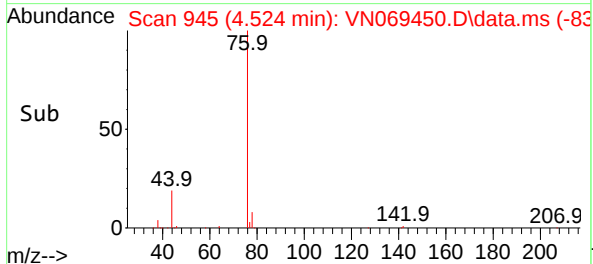


#17  
Carbon Disulfide  
Concen: 45.164 ug/l  
RT: 4.524 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

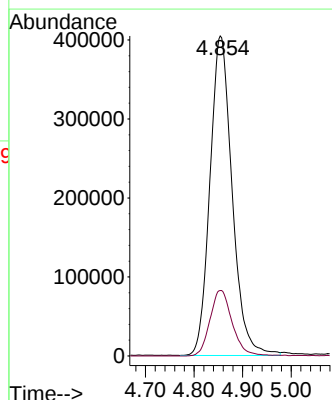
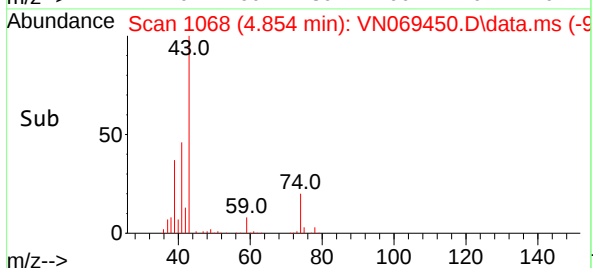
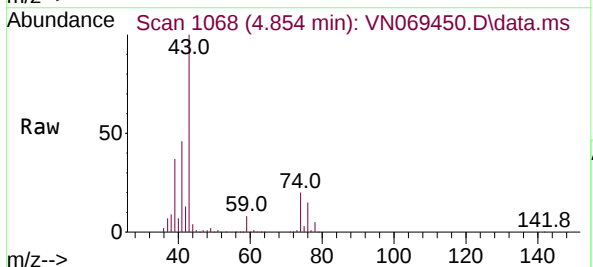


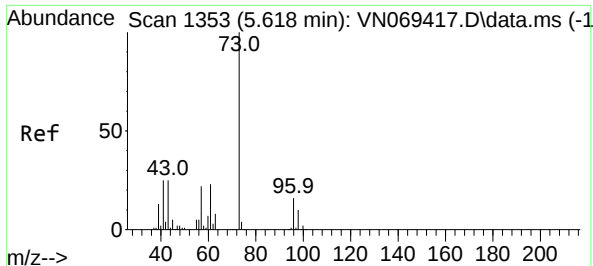
Tgt Ion: 76 Resp: 903138  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3



#18  
Methyl Acetate  
Concen: 48.307 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 43 Resp: 1282209  
Ion Ratio Lower Upper  
43 100  
74 20.6 19.4 29.2

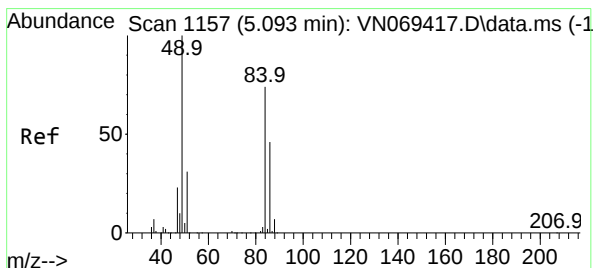
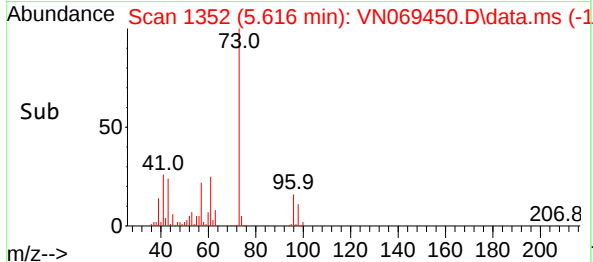
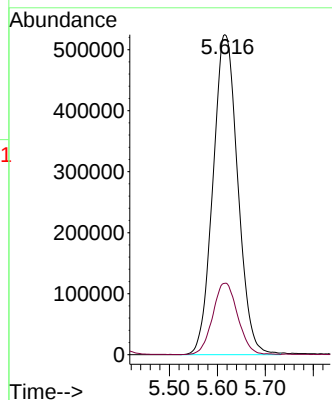
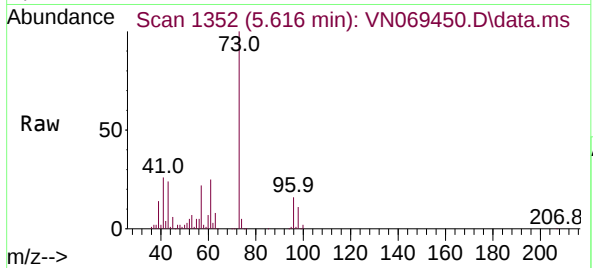




#19  
Methyl tert-butyl Ether  
Concen: 52.612 ug/l  
RT: 5.616 min Scan# 1156  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

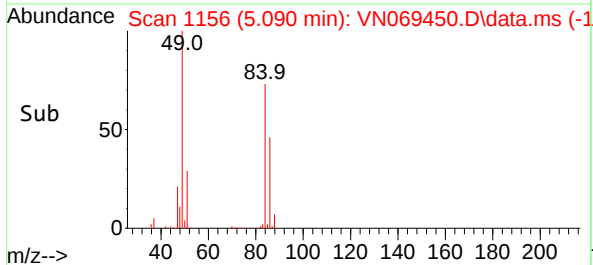
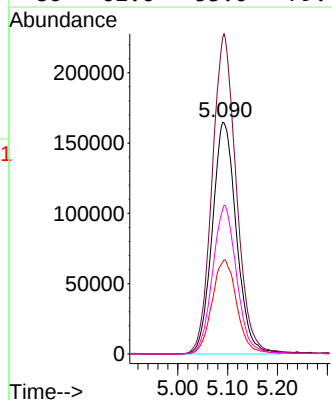
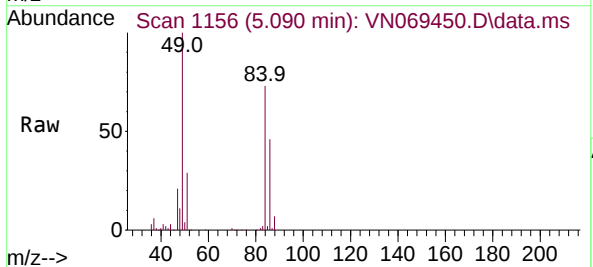
Instrument :  
MSVOA\_N  
ClientSampleId :

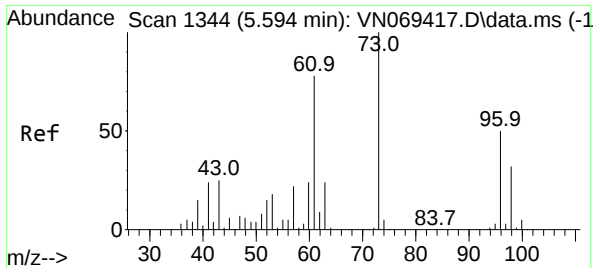
Tgt Ion: 73 Resp: 1883575  
Ion Ratio Lower Upper  
73 100  
57 22.3 16.8 25.2



#20  
Methylene Chloride  
Concen: 47.864 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 84 Resp: 554198  
Ion Ratio Lower Upper  
84 100  
49 136.6 93.5 140.3  
51 39.8 29.4 44.2  
86 62.6 53.0 79.4

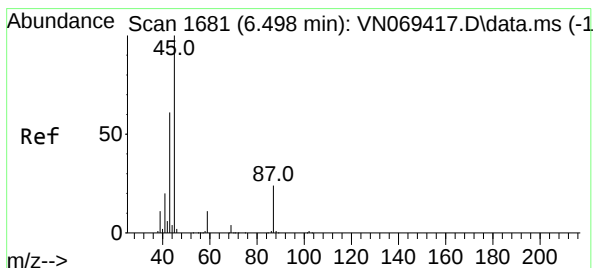
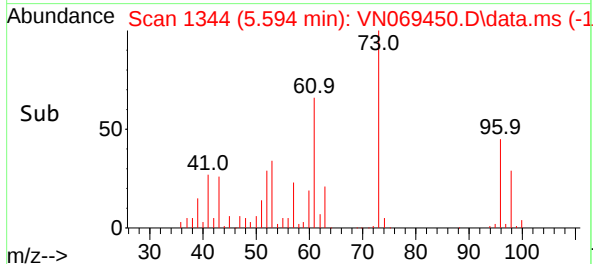
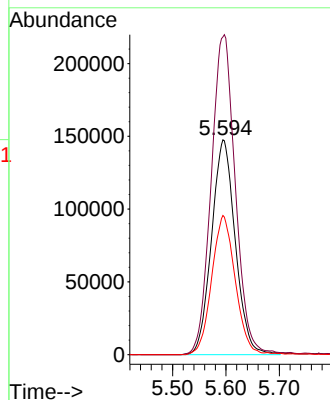
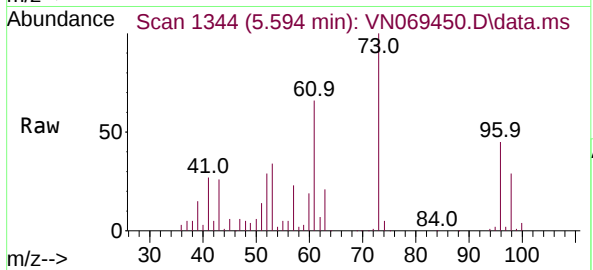




#21  
trans-1,2-Dichloroethene  
Concen: 48.296 ug/l  
RT: 5.594 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

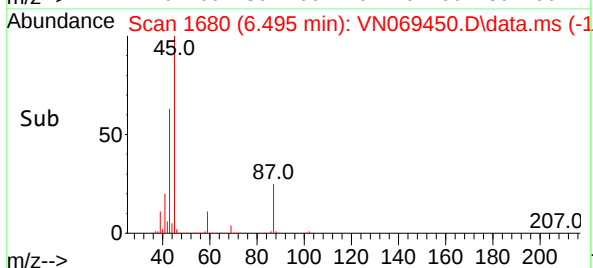
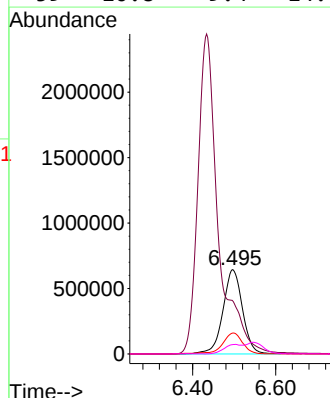
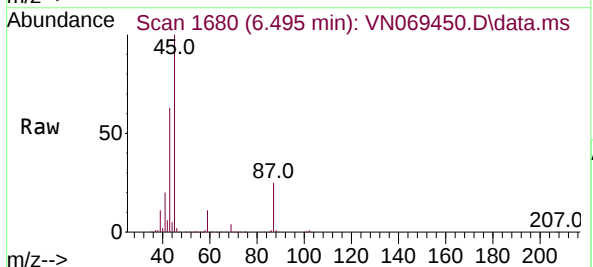
Instrument :  
MSVOA\_N  
ClientSampleId :

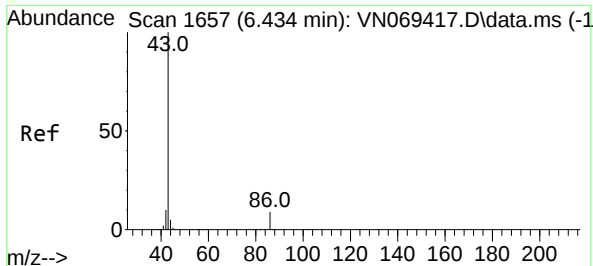
Tgt Ion: 96 Resp: 456332  
Ion Ratio Lower Upper  
96 100  
61 147.9 105.8 158.6  
98 64.8 52.0 78.0



#22  
Diisopropyl ether  
Concen: 52.370 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 45 Resp: 2109935  
Ion Ratio Lower Upper  
45 100  
43 62.6 51.7 77.5  
87 24.5 23.2 34.8  
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 266.433 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

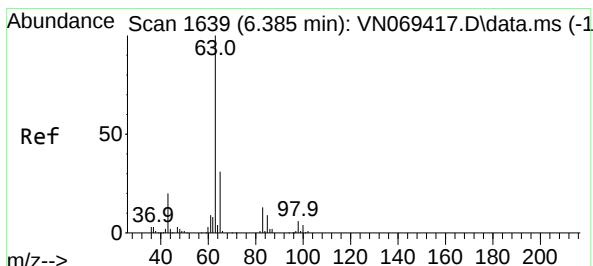
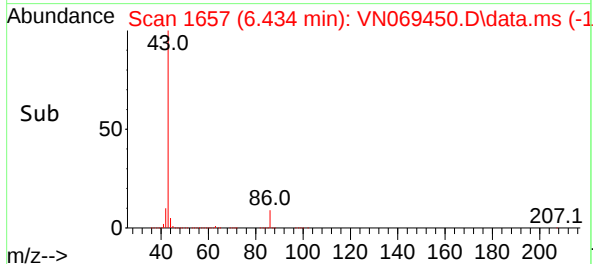
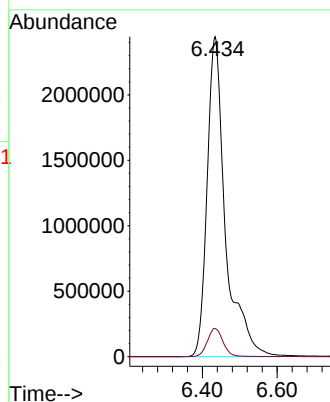
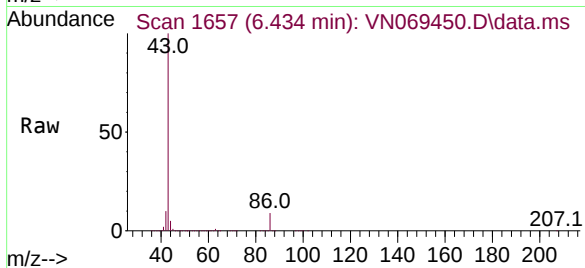
ClientSampleId :

Tgt Ion: 43 Resp: 8302311

Ion Ratio Lower Upper

43 100

86 8.8 8.5 12.7



#24

1,1-Dichloroethane

Concen: 49.701 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

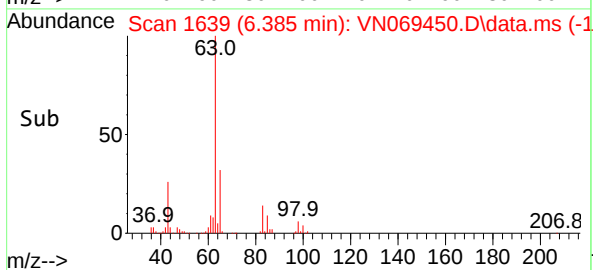
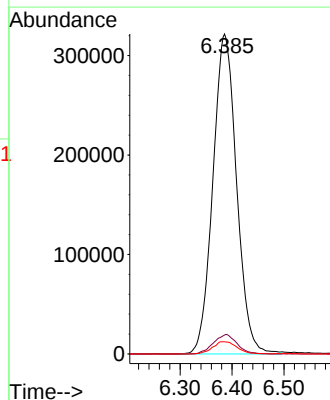
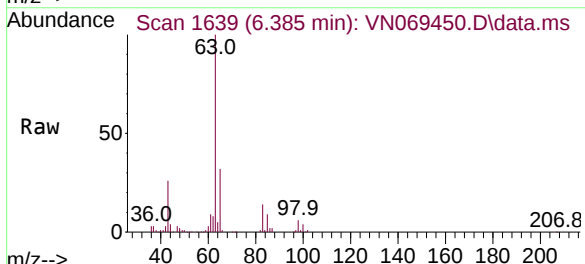
Tgt Ion: 63 Resp: 1019911

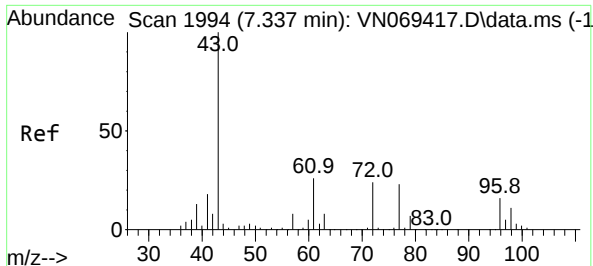
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 248.078 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

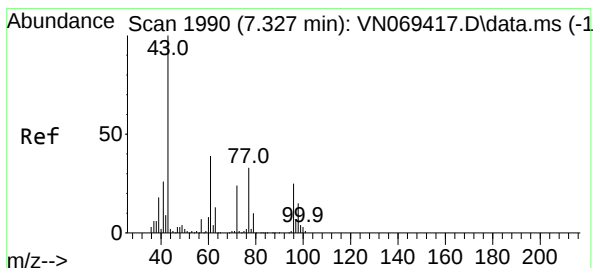
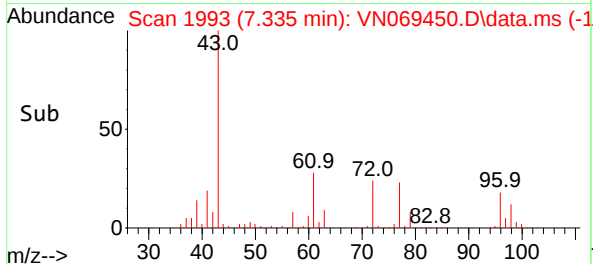
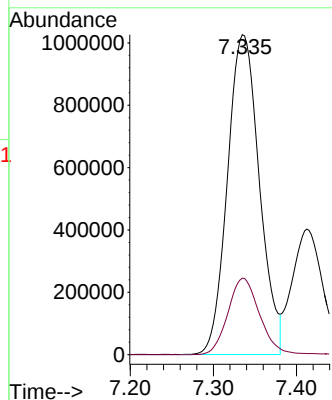
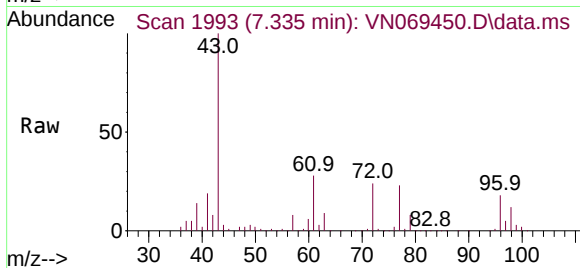
ClientSampleId :

Tgt Ion: 43 Resp: 2742878

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 49.558 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069450.D

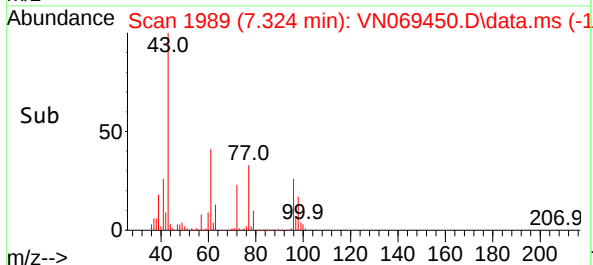
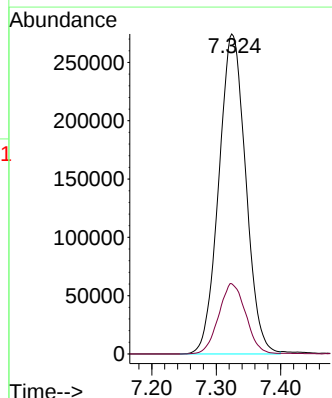
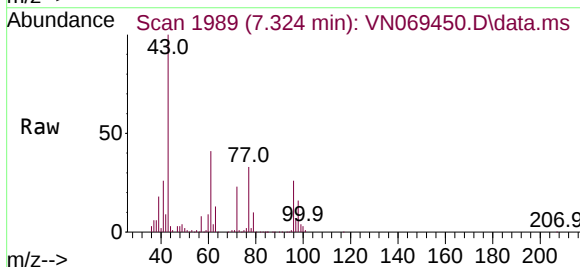
Acq: 11 Nov 2021 10:23

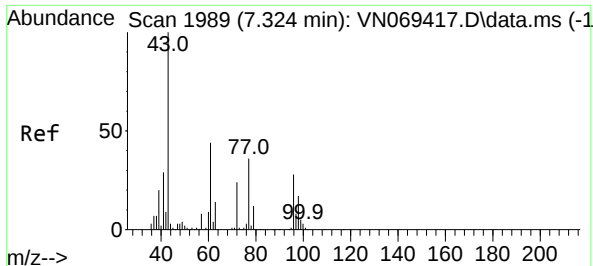
Tgt Ion: 77 Resp: 795691

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.001 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

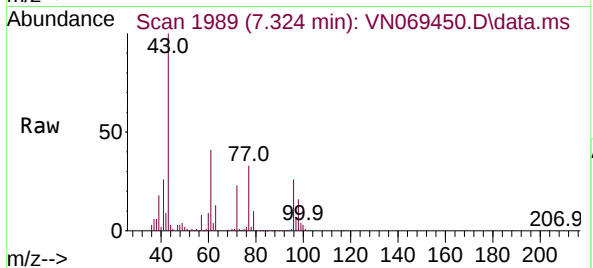
Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

ClientSampleId :



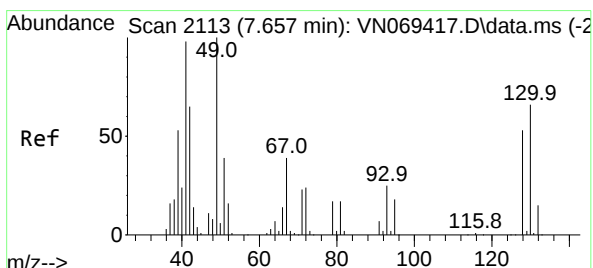
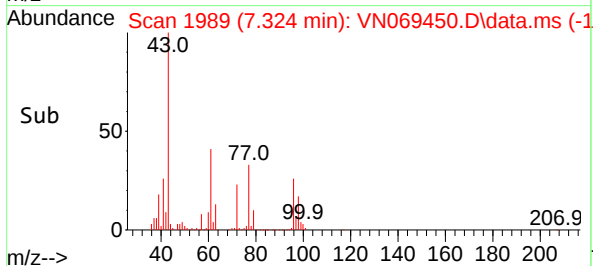
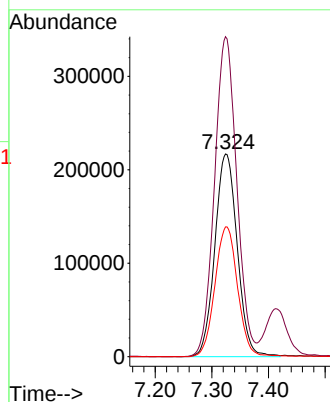
Tgt Ion: 96 Resp: 597380

Ion Ratio Lower Upper

96 100

61 156.7 0.0 275.0

98 65.0 0.0 129.6



#28

Bromochloromethane

Concen: 48.036 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

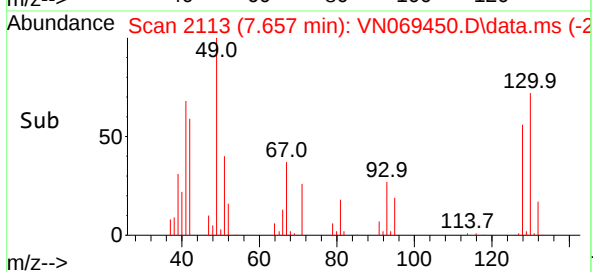
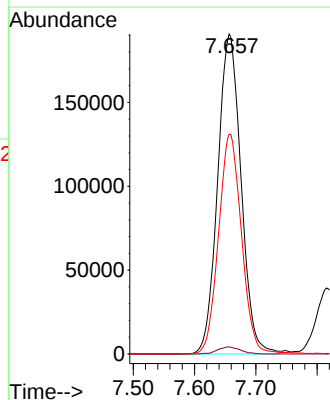
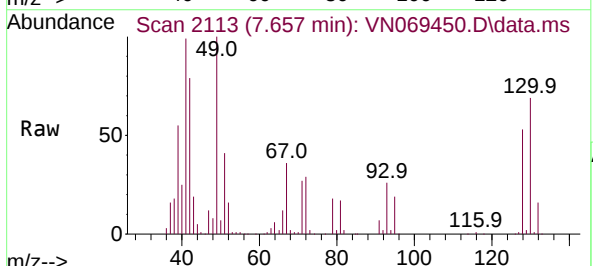
Tgt Ion: 49 Resp: 504803

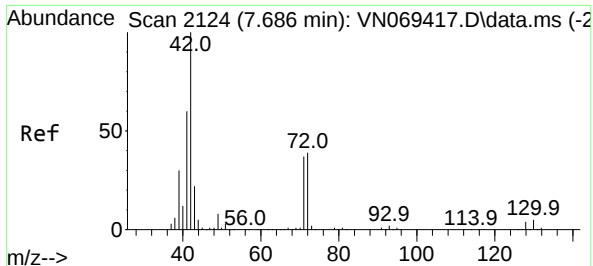
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 67.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 251.902 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

ClientSampleId :

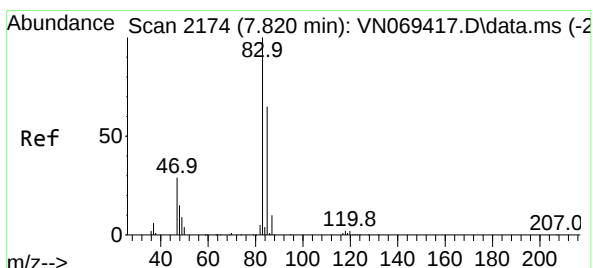
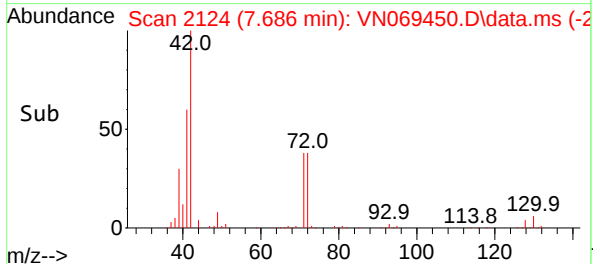
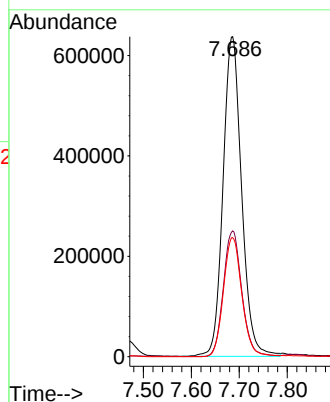
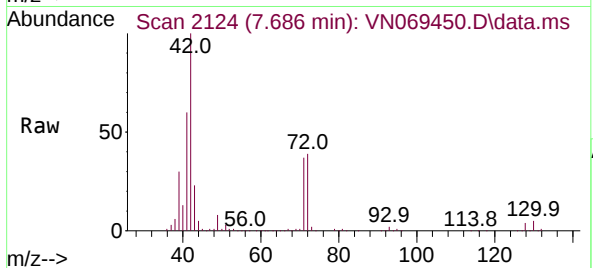
Tgt Ion: 42 Resp: 1709189

Ion Ratio Lower Upper

42 100

72 38.9 36.3 54.5

71 37.1 34.7 52.1



#30

Chloroform

Concen: 51.015 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069450.D

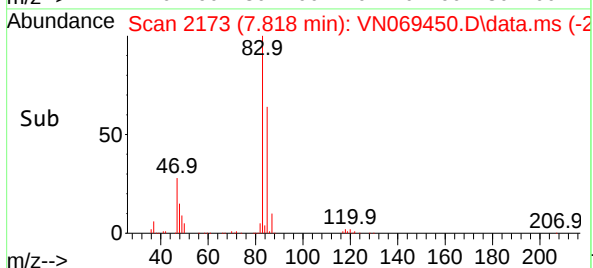
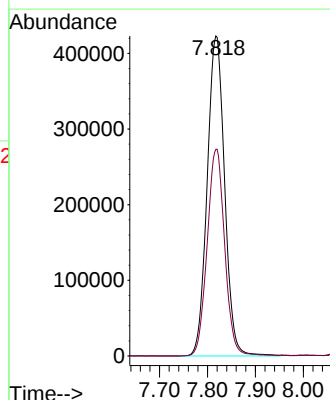
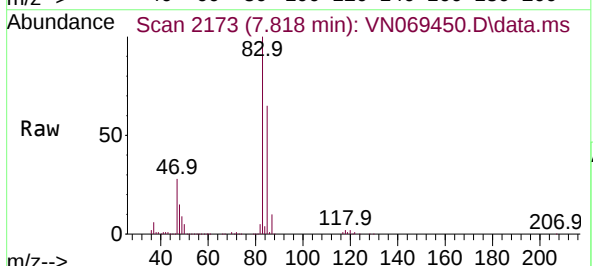
Acq: 11 Nov 2021 10:23

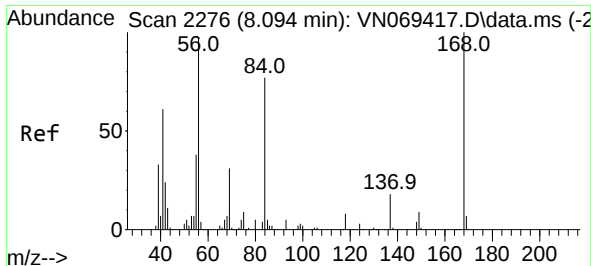
Tgt Ion: 83 Resp: 1073246

Ion Ratio Lower Upper

83 100

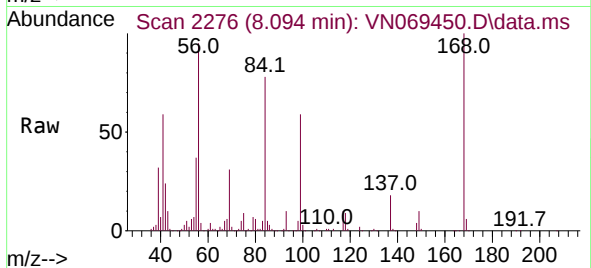
85 64.6 51.9 77.9



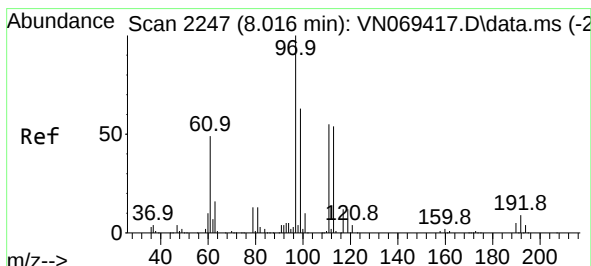
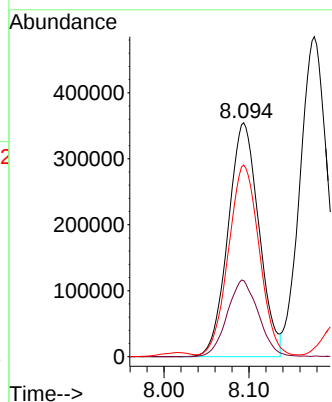
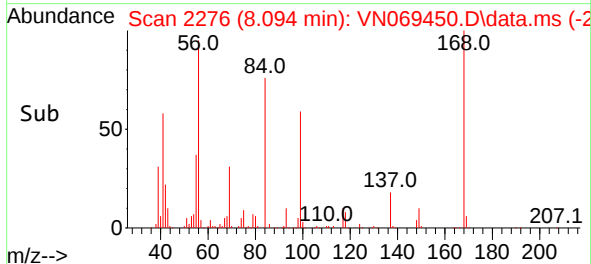


#31  
Cyclohexane  
Concen: 43.318 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

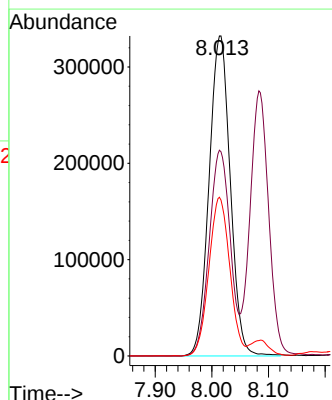
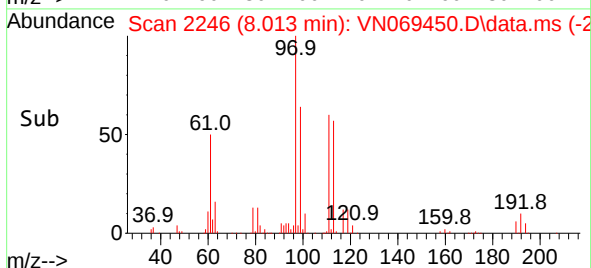
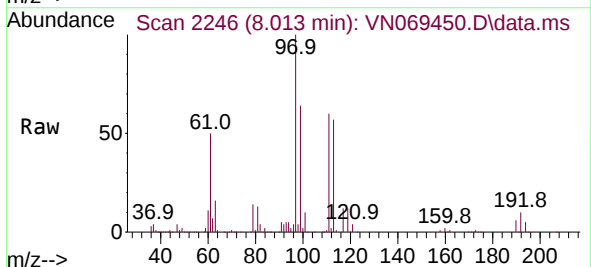


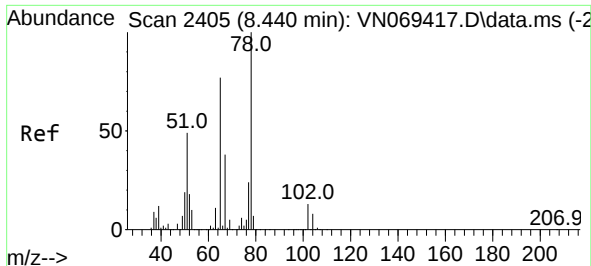
Tgt Ion: 56 Resp: 895628  
Ion Ratio Lower Upper  
56 100  
69 32.6 27.1 40.7  
84 80.2 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 49.240 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

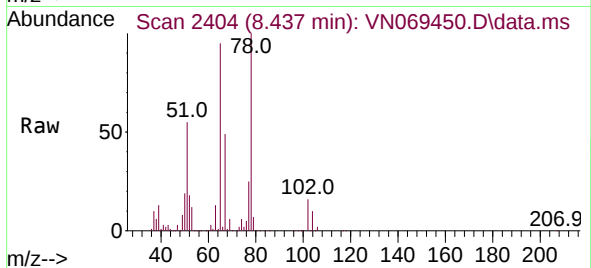
Tgt Ion: 97 Resp: 864680  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.1 75.1  
61 49.0 35.2 52.8



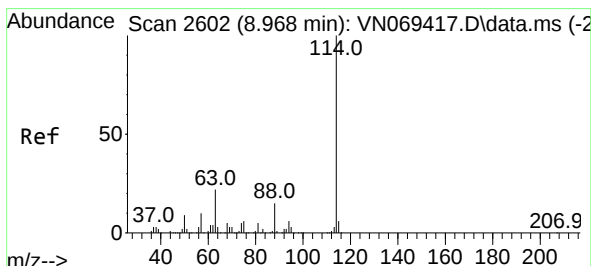
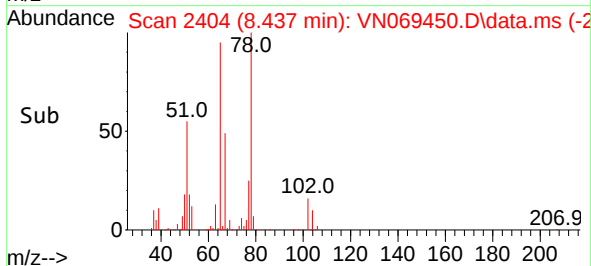
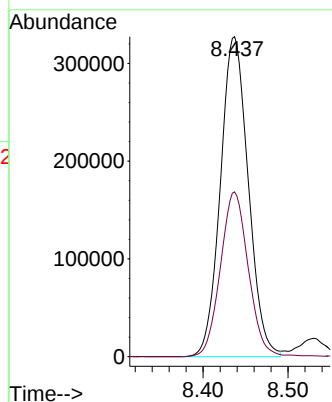


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.322 ug/l  
 RT: 8.437 min Scan# 2405  
 Delta R.T. -0.003 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :

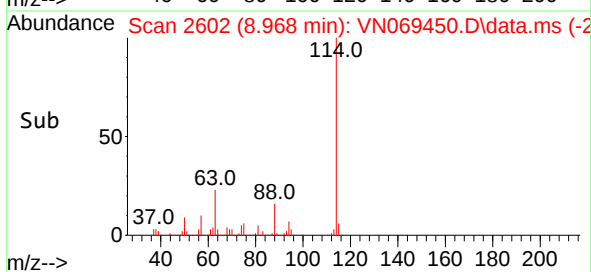
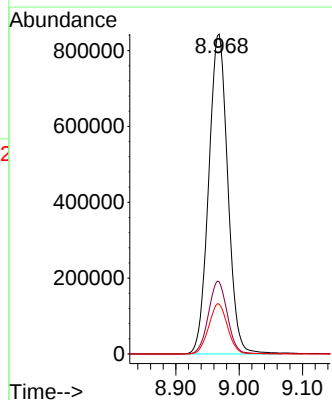
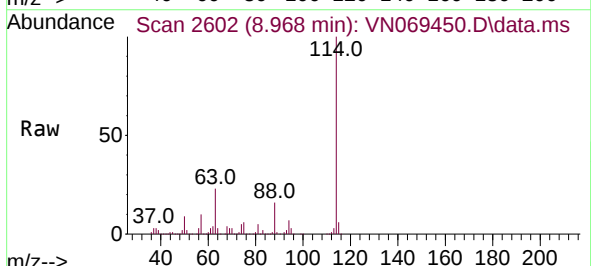


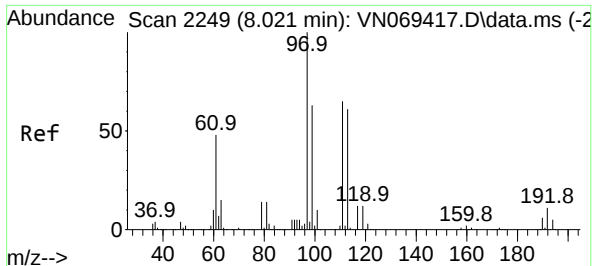
Tgt Ion: 65 Resp: 746427  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Tgt Ion: 114 Resp: 1763563  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 37.8  
 88 15.6 0.0 27.4

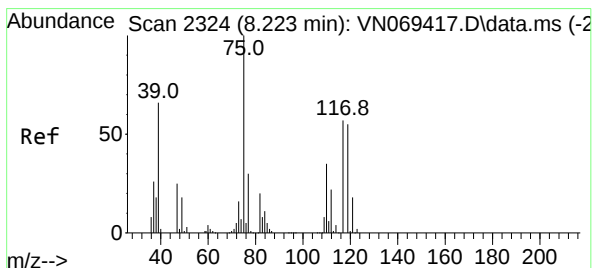
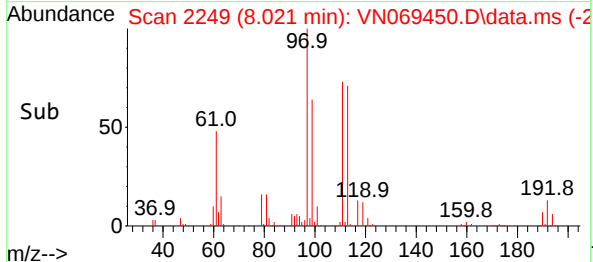
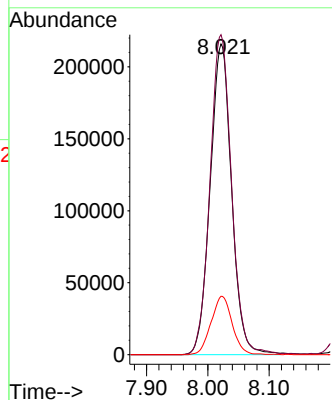
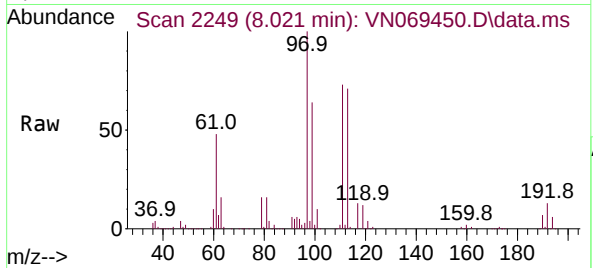




#35  
Dibromofluoromethane  
Concen: 49.572 ug/l  
RT: 8.021 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

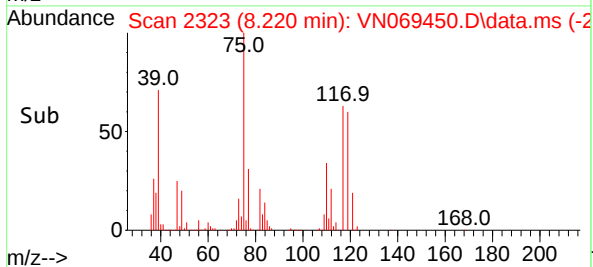
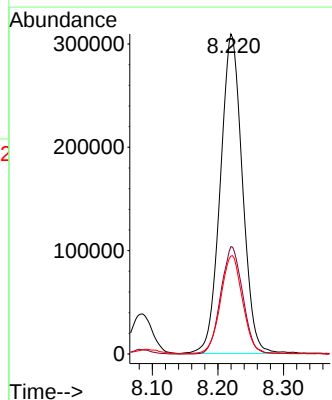
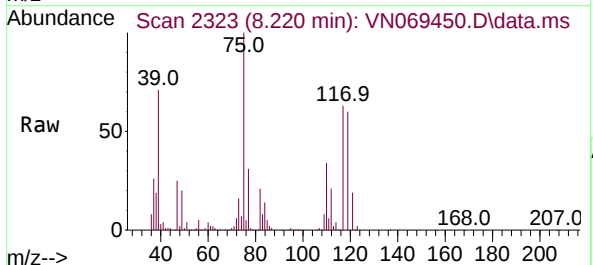
Instrument :  
MSVOA\_N  
ClientSampleId :

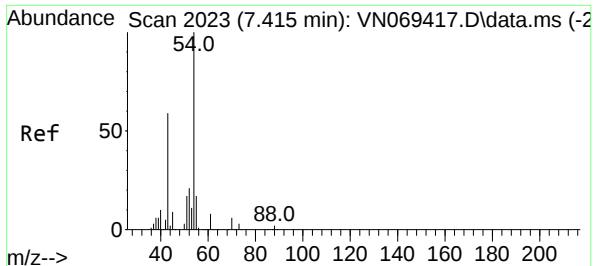
Tgt Ion:113 Resp: 524330  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 18.5 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 48.621 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

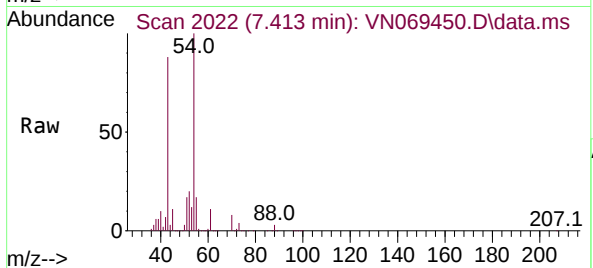
Tgt Ion: 75 Resp: 721503  
Ion Ratio Lower Upper  
75 100  
110 33.5 18.4 55.2  
77 31.1 24.4 36.6





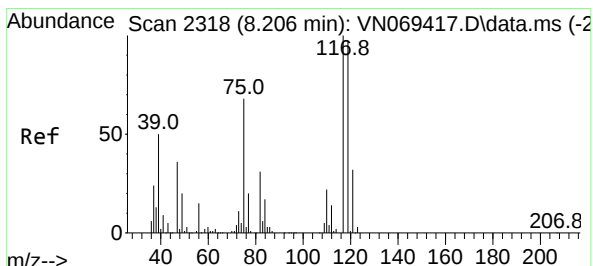
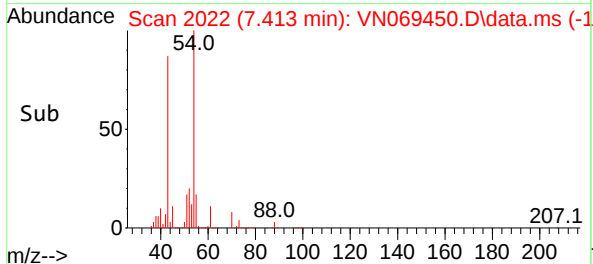
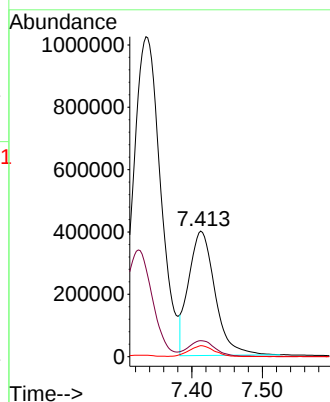
#37  
Ethyl Acetate  
Concen: 51.758 ug/l  
RT: 7.413 min Scan# 20  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 43 Resp: 1038237

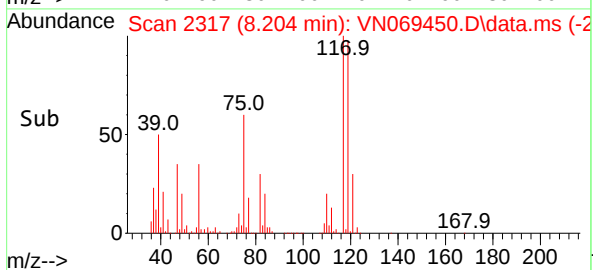
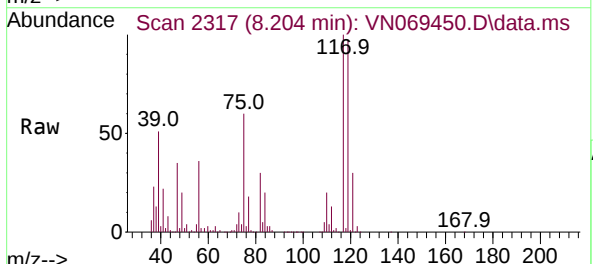
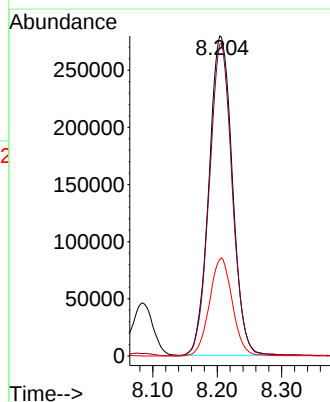
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.4  | 11.5  | 17.3  |
| 70  | 8.3   | 7.9   | 11.9  |

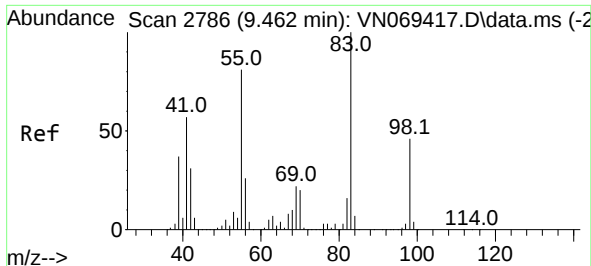


#38  
Carbon Tetrachloride  
Concen: 49.181 ug/l  
RT: 8.204 min Scan# 2317  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 117 Resp: 704591

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.5  | 76.1  | 114.1 |
| 121 | 30.2  | 24.2  | 36.2  |

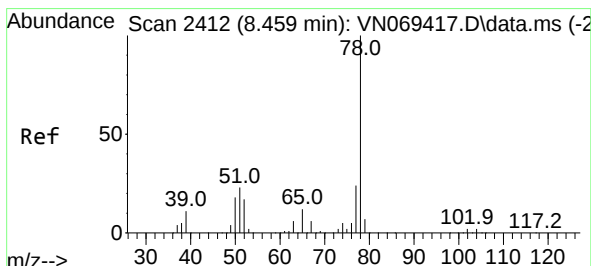
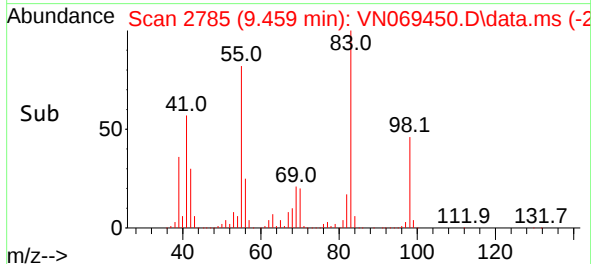
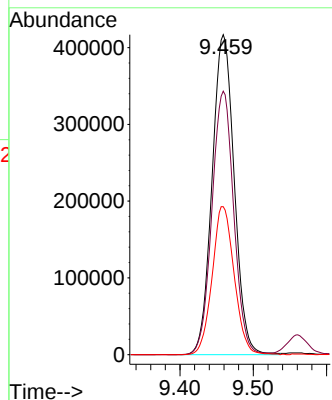
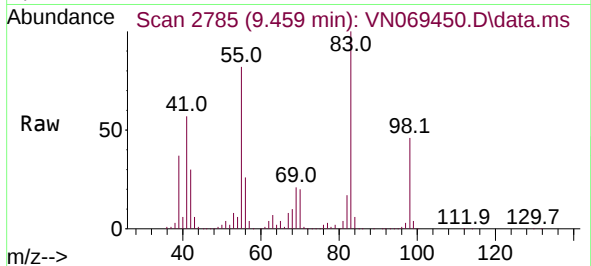




#39  
Methylcyclohexane  
Concen: 47.454 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

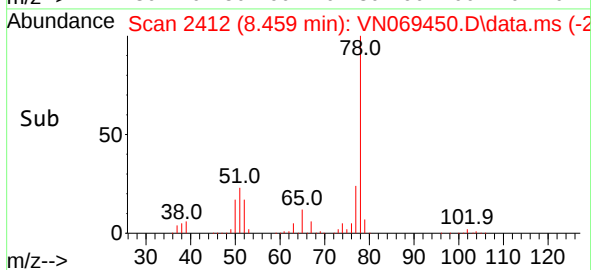
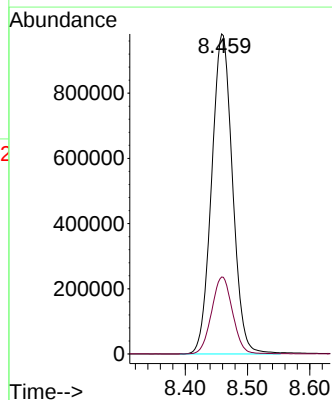
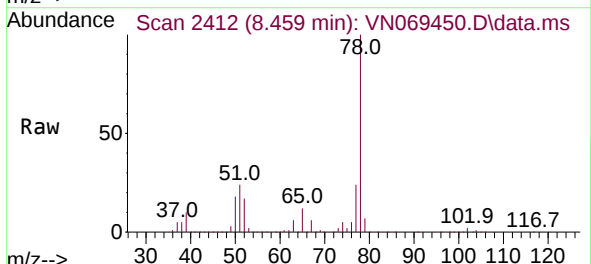
Instrument :  
MSVOA\_N  
ClientSampleId :

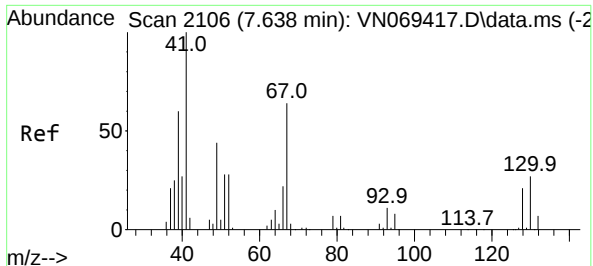
Tgt Ion: 83 Resp: 875984  
Ion Ratio Lower Upper  
83 100  
55 82.3 58.1 87.1  
98 46.3 38.4 57.6



#40  
Benzene  
Concen: 49.869 ug/l  
RT: 8.459 min Scan# 2412  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 78 Resp: 2284180  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.6 27.8



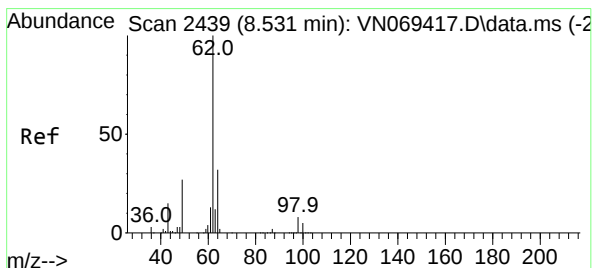
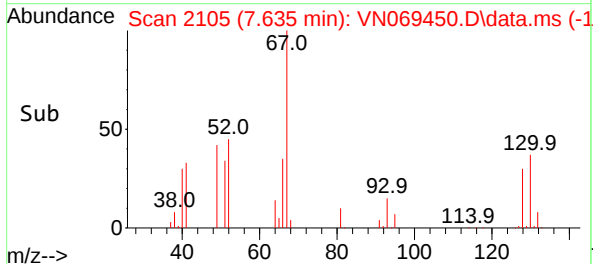
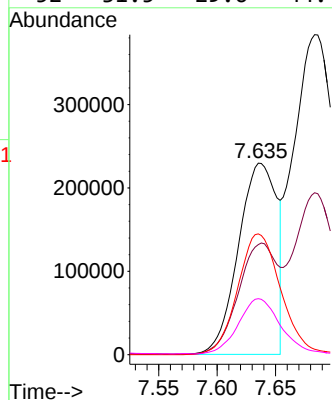
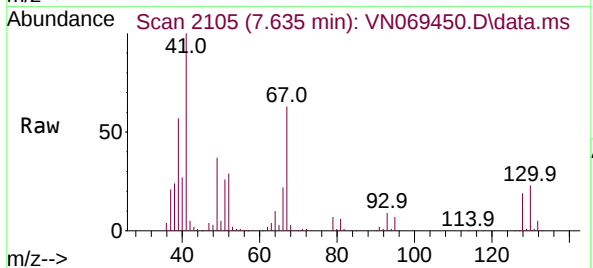


#41  
Methacrylonitrile  
Concen: 50.639 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 524871

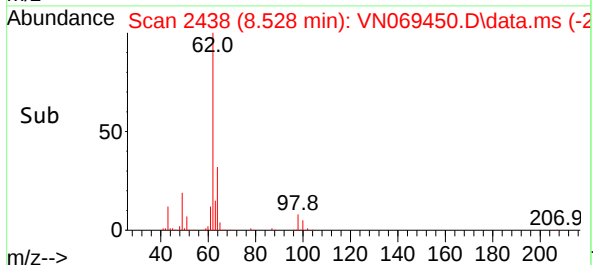
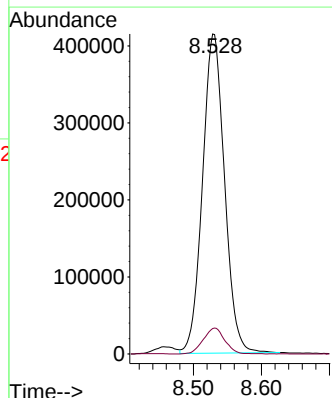
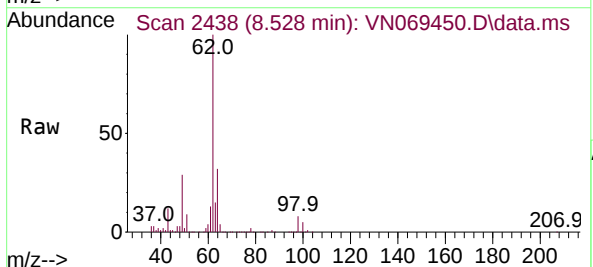
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.3  | 48.1  | 72.1  |
| 67  | 71.2  | 68.3  | 102.5 |
| 52  | 31.5  | 29.6  | 44.4  |

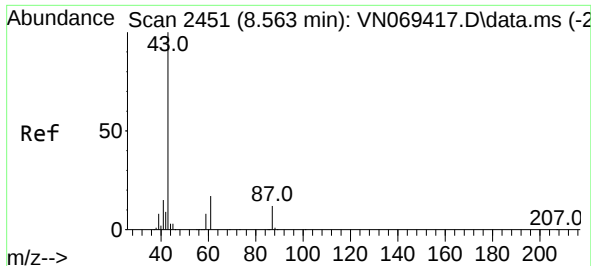


#42  
1,2-Dichloroethane  
Concen: 52.049 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 62 Resp: 933483

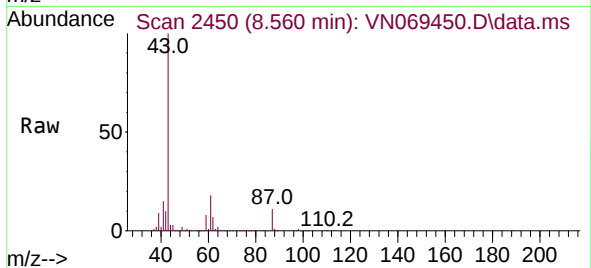
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 17.6  |



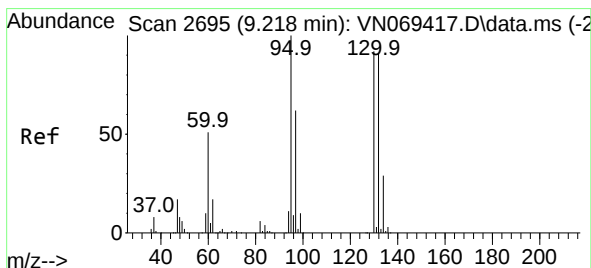
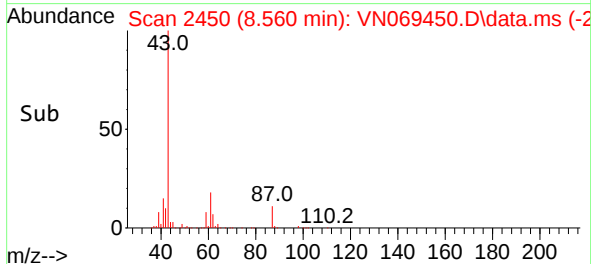
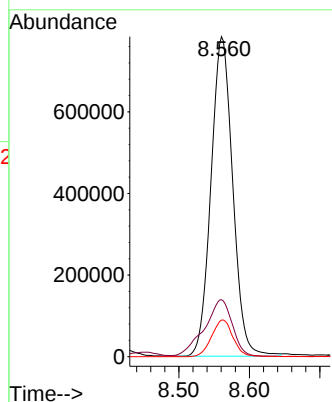


#43  
Isopropyl Acetate  
Concen: 52.102 ug/l  
RT: 8.560 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

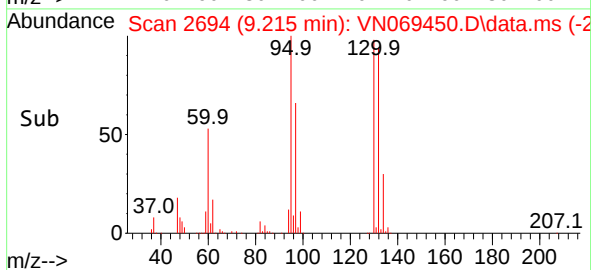
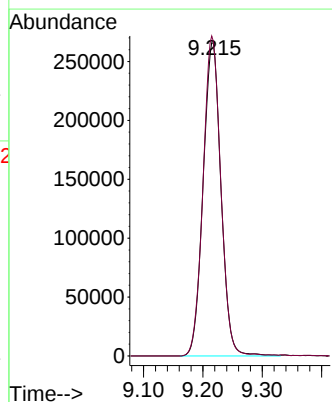
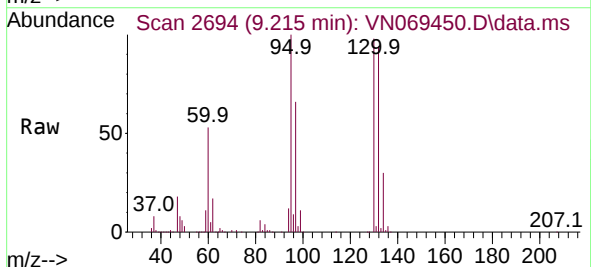


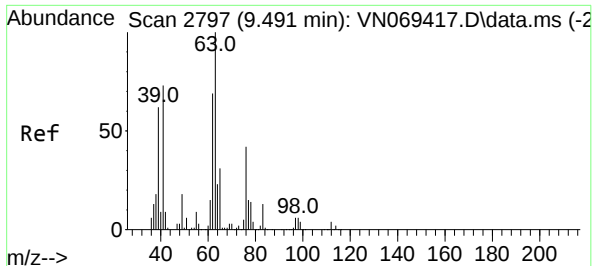
Tgt Ion: 43 Resp: 1678725  
Ion Ratio Lower Upper  
43 100  
61 22.8 20.4 30.6  
87 11.3 11.2 16.8



#44  
Trichloroethene  
Concen: 50.701 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:130 Resp: 555789  
Ion Ratio Lower Upper  
130 100  
95 102.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.153 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

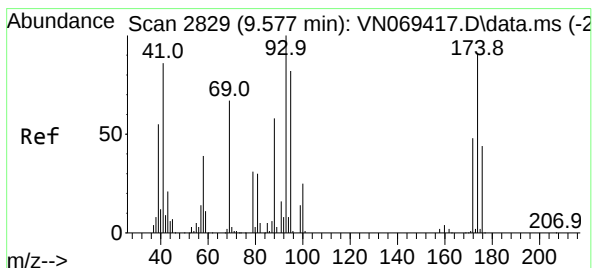
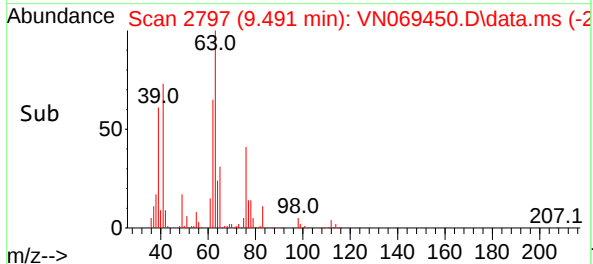
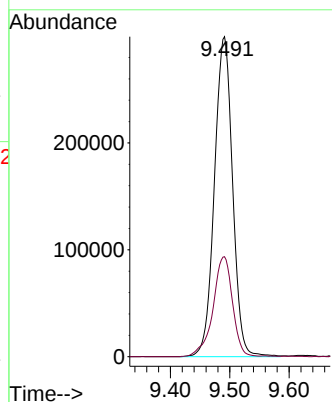
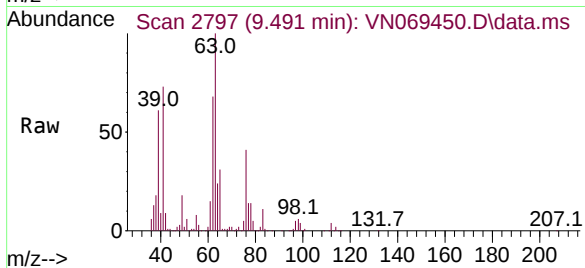
ClientSampleId :

Tgt Ion: 63 Resp: 638224

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 52.521 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

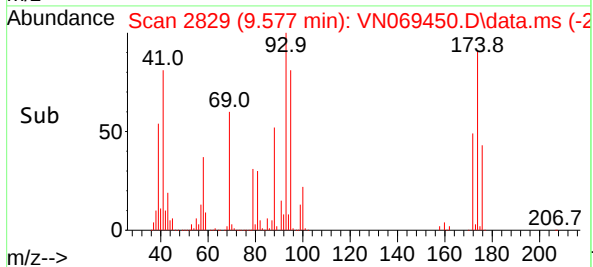
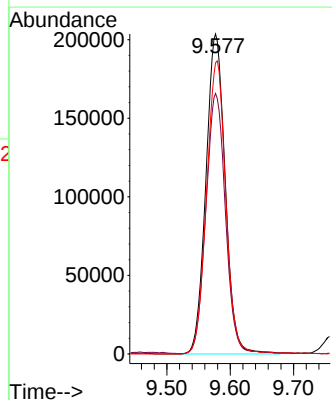
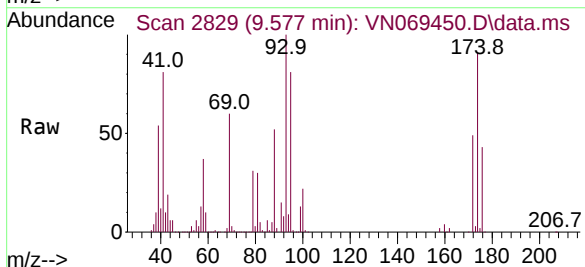
Tgt Ion: 93 Resp: 430503

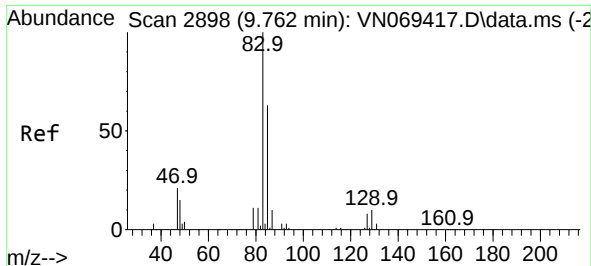
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 90.9 84.6 127.0

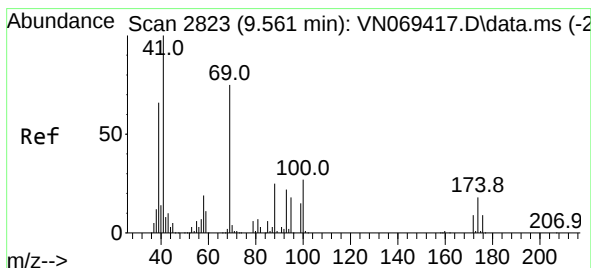
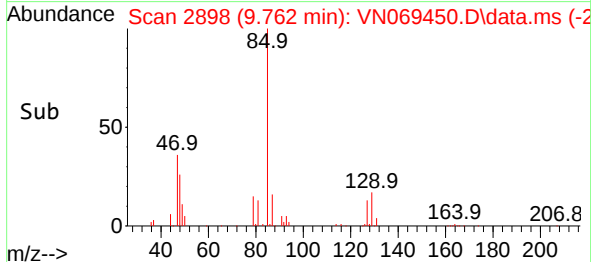
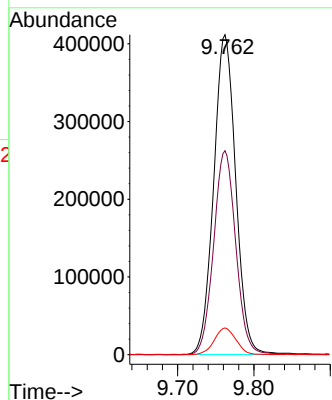
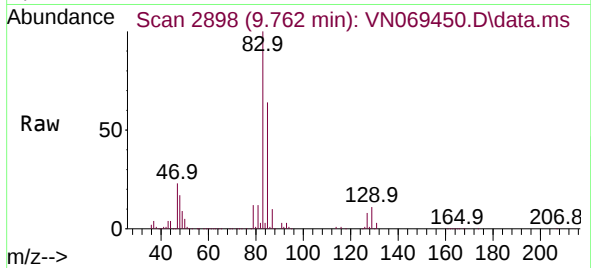




#47  
Bromodichloromethane  
Concen: 53.944 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

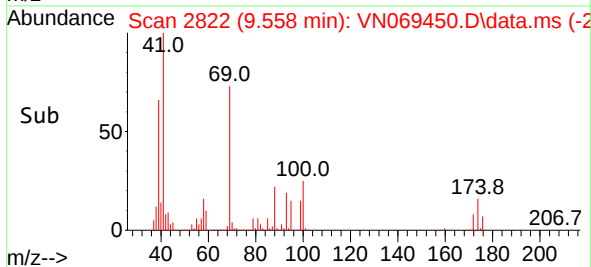
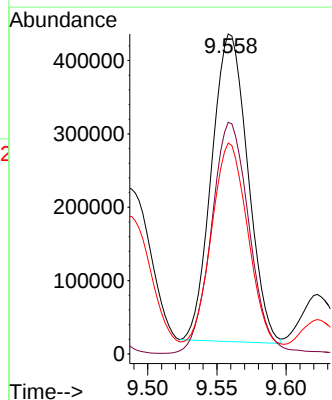
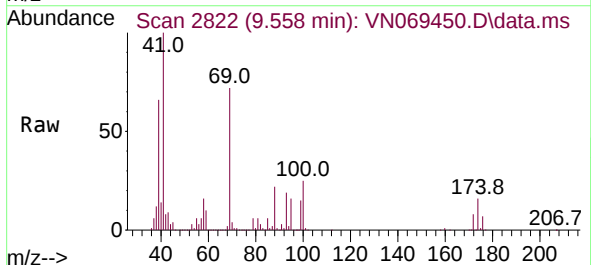
Instrument :  
MSVOA\_N  
ClientSampleId :

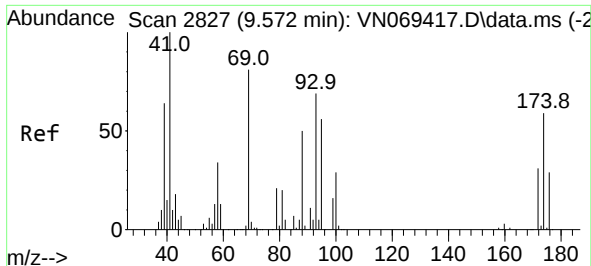
Tgt Ion: 83 Resp: 825099  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3  
127 8.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 50.126 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 41 Resp: 759846  
Ion Ratio Lower Upper  
41 100  
69 79.1 72.4 108.6  
39 66.0 58.4 87.6





#49

1,4-Dioxane

Concen: 915.861 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

ClientSampleId :

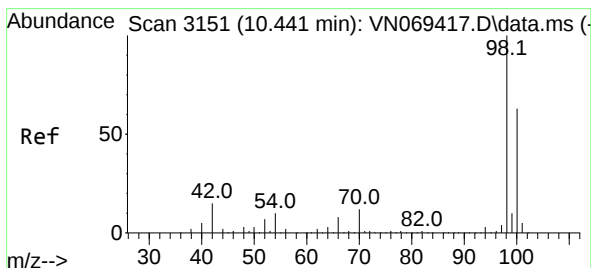
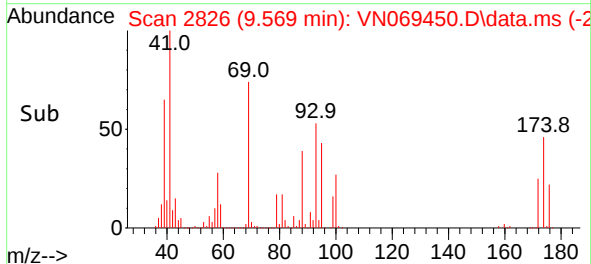
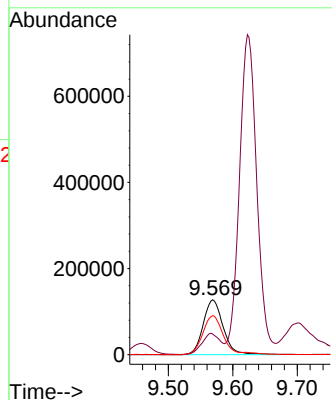
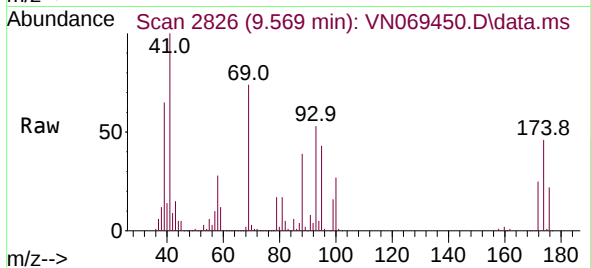
Tgt Ion: 88 Resp: 274108

Ion Ratio Lower Upper

88 100

43 35.3 23.4 35.2#

58 70.8 50.6 75.8



#50

Toluene-d8

Concen: 48.561 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069450.D

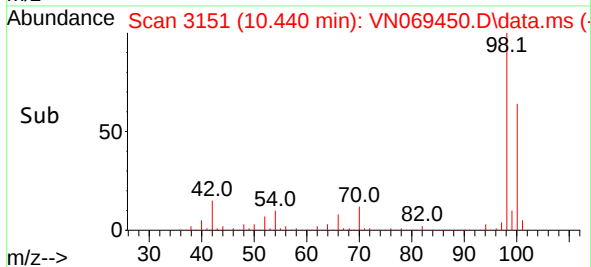
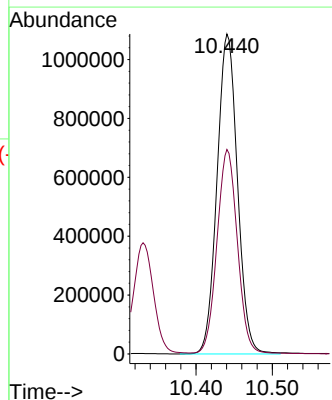
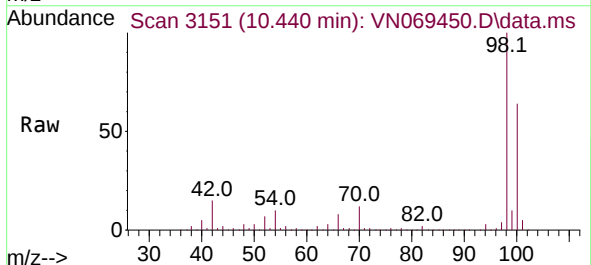
Acq: 11 Nov 2021 10:23

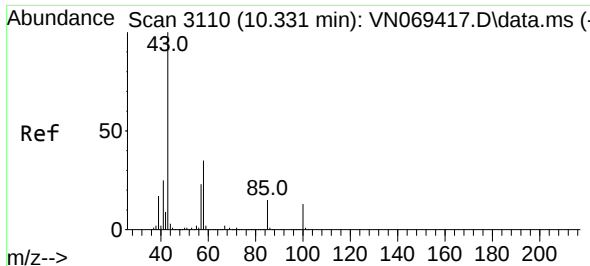
Tgt Ion: 98 Resp: 2020110

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6

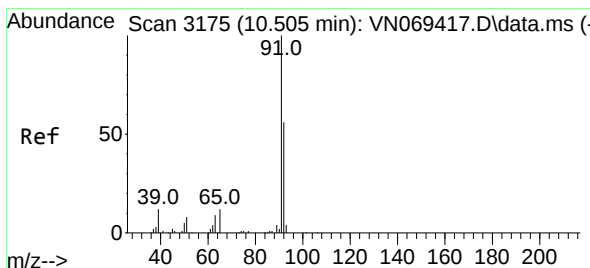
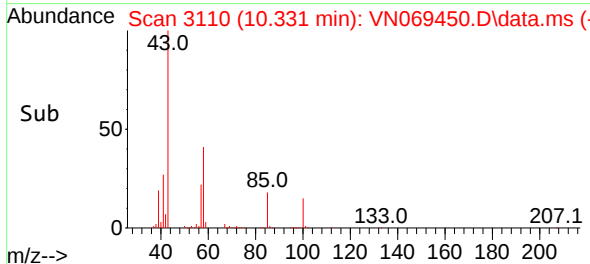
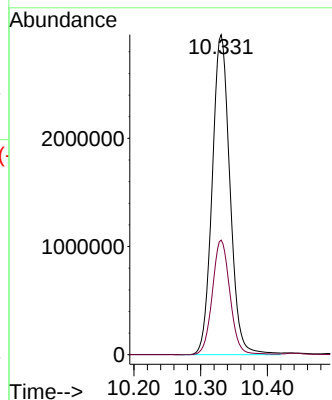
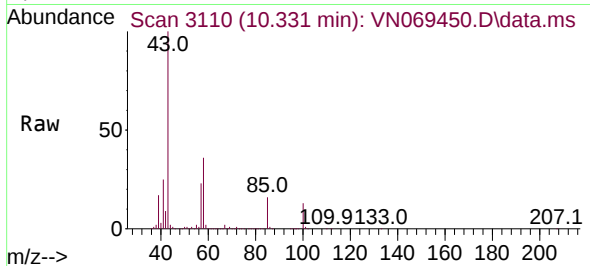




#51  
4-Methyl-2-Pentanone  
Concen: 262.788 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

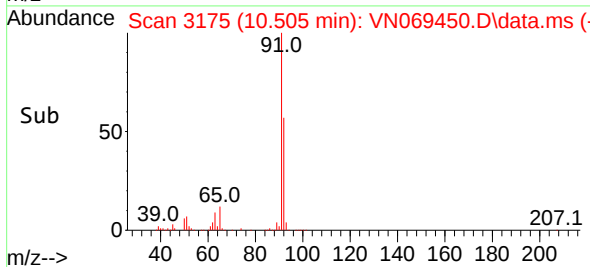
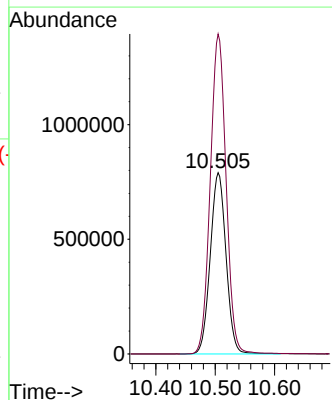
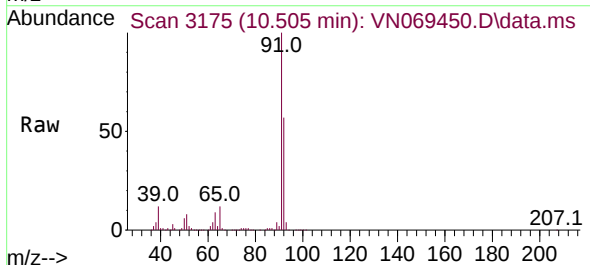
Instrument :  
MSVOA\_N  
ClientSampleId :

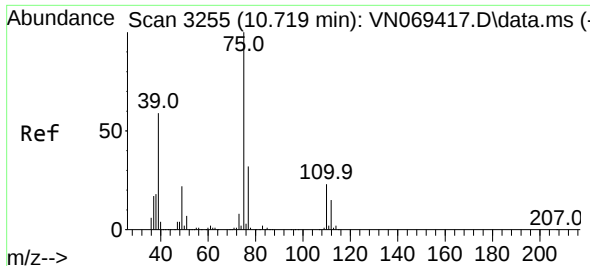
Tgt Ion: 43 Resp: 5465220  
Ion Ratio Lower Upper  
43 100  
58 35.6 30.4 45.6



#52  
Toluene  
Concen: 50.952 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 92 Resp: 1453928  
Ion Ratio Lower Upper  
92 100  
91 176.7 142.0 213.0

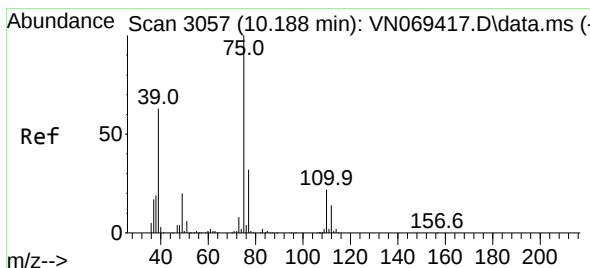
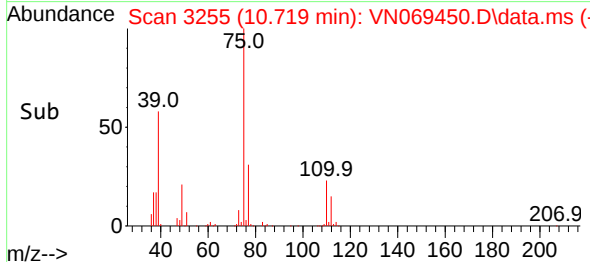
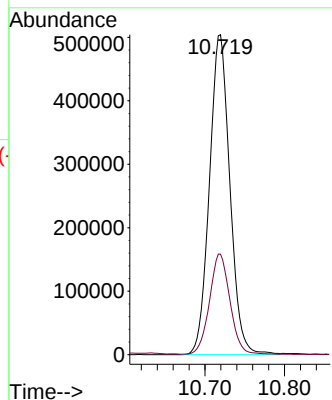
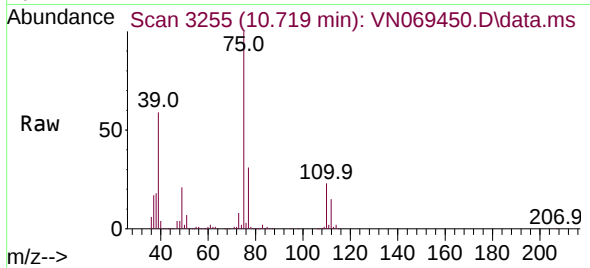




#53  
 t-1,3-Dichloropropene  
 Concen: 47.946 ug/l  
 RT: 10.719 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

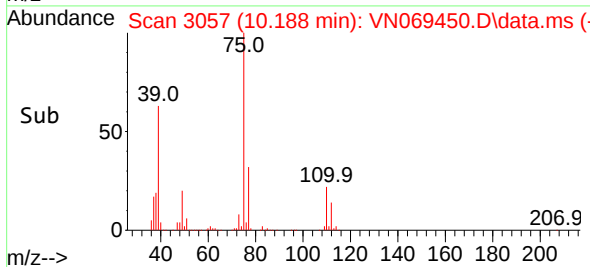
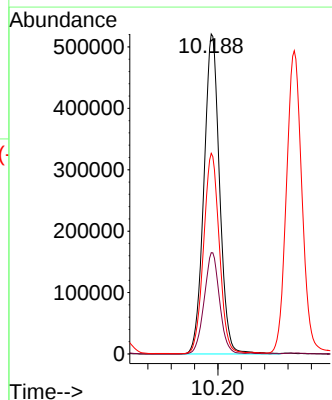
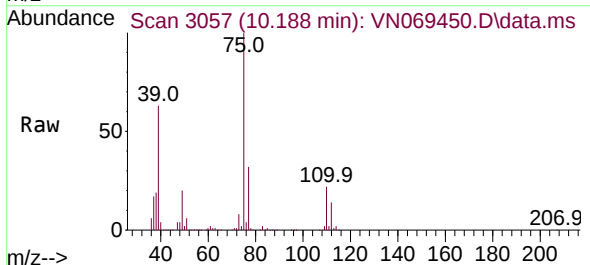
Instrument :  
 MSVOA\_N  
 ClientSampleId :

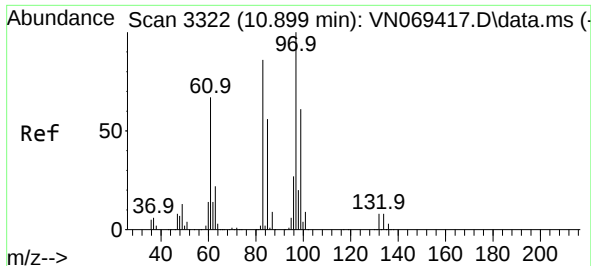
Tgt Ion: 75 Resp: 899530  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.052 ug/l  
 RT: 10.188 min Scan# 3057  
 Delta R.T. 0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

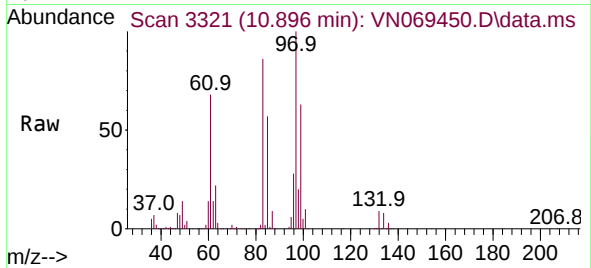
Tgt Ion: 75 Resp: 971426  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.4 39.6  
 39 62.6 42.5 63.7



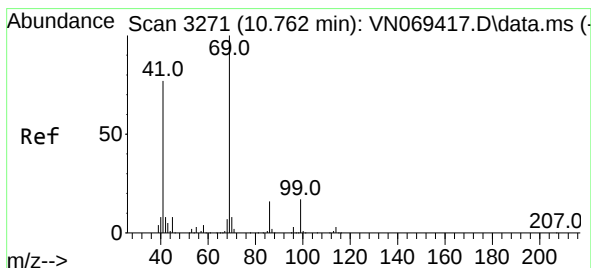
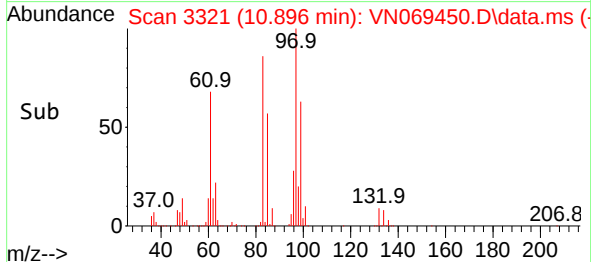
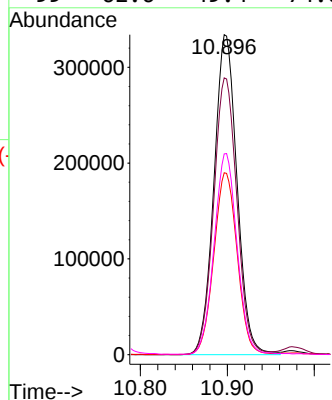


#55  
1,1,2-Trichloroethane  
Concen: 53.601 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

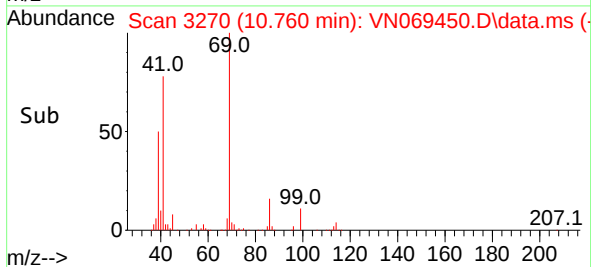
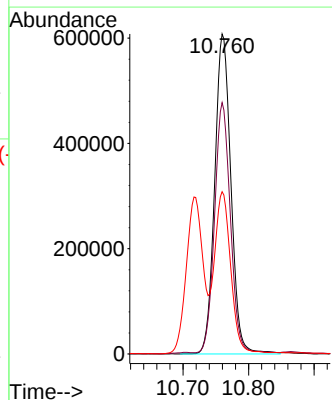
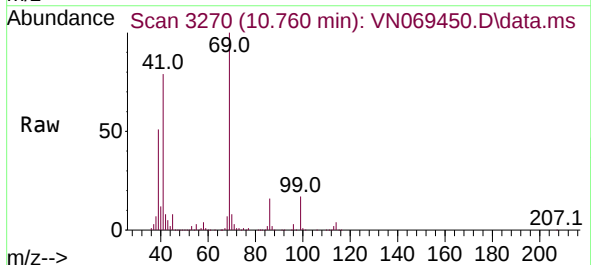


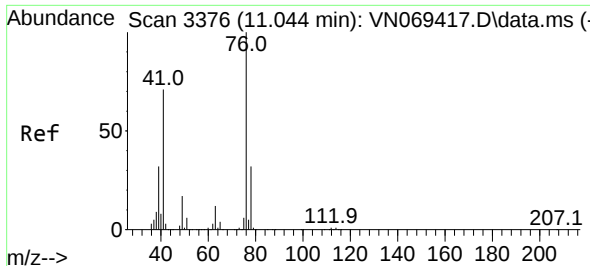
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 616549 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.5  | 67.8  | 101.6  |
| 85       | 56.8  | 45.4  | 68.2   |
| 99       | 62.6  | 49.4  | 74.0   |



#56  
Ethyl methacrylate  
Concen: 48.230 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 69    | Resp: | 1043854 |
| Ion      | Ratio | Lower | Upper   |
| 69       | 100   |       |         |
| 41       | 76.1  | 51.4  | 77.0    |
| 39       | 49.1  | 34.6  | 52.0    |





#57

1,3-Dichloropropane

Concen: 53.361 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

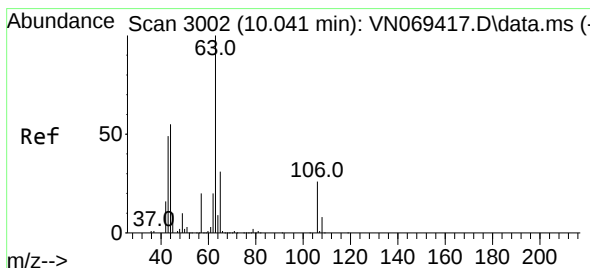
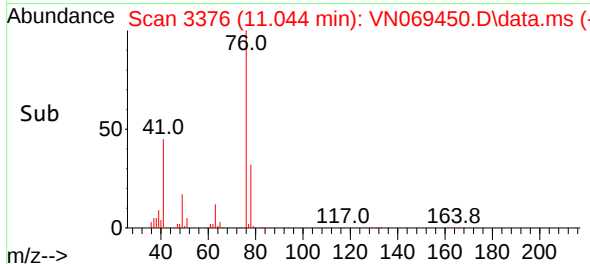
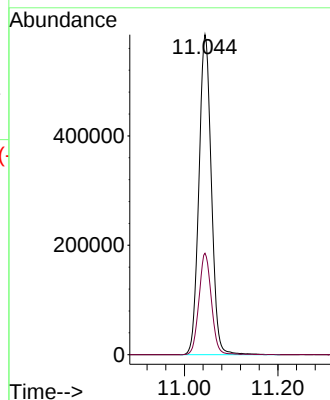
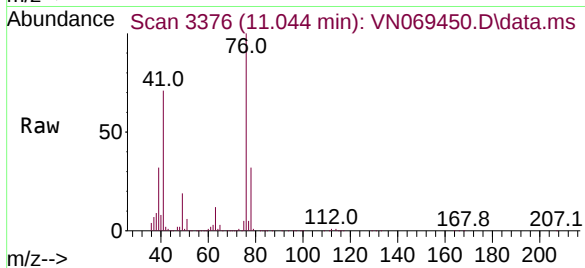
ClientSampleId :

Tgt Ion: 76 Resp: 1078568

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 253.841 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069450.D

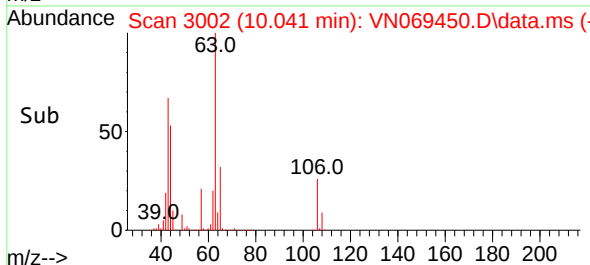
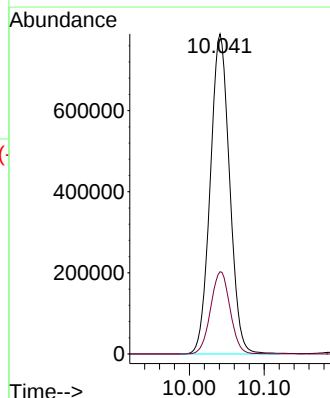
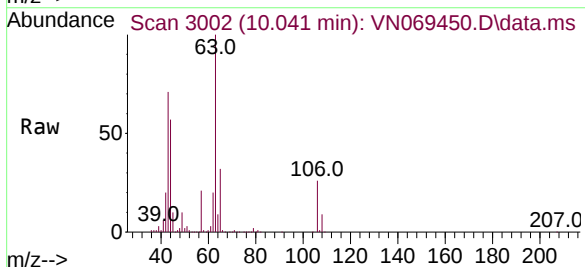
Acq: 11 Nov 2021 10:23

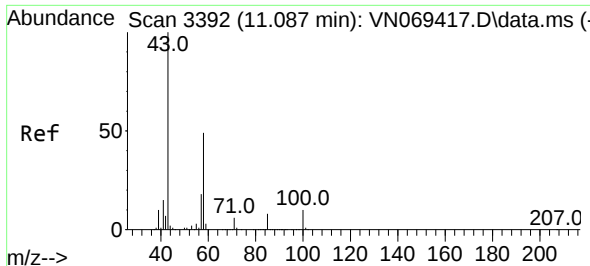
Tgt Ion: 63 Resp: 1417005

Ion Ratio Lower Upper

63 100

106 26.0 23.9 35.9

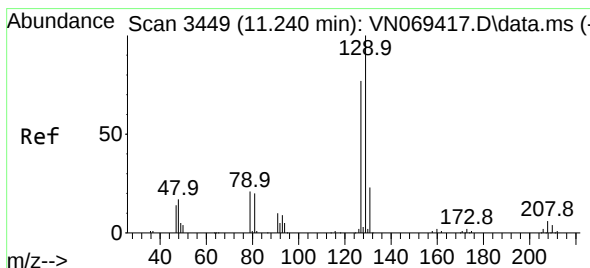
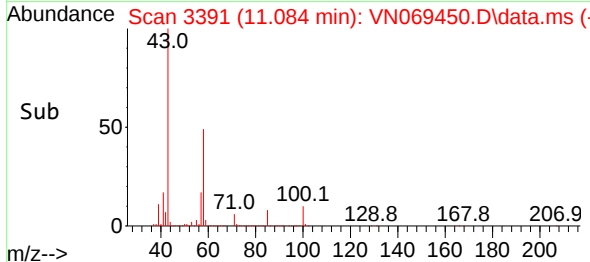
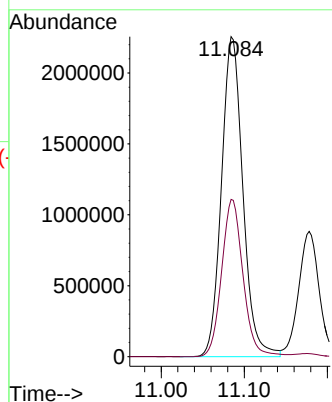
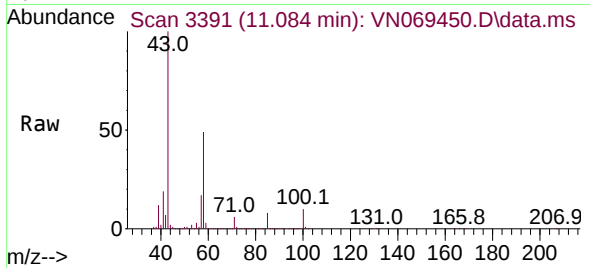




#59  
2-Hexanone  
Concen: 231.065 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

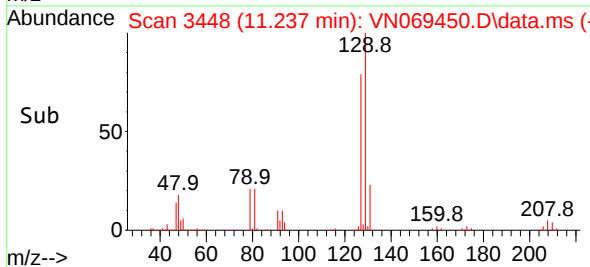
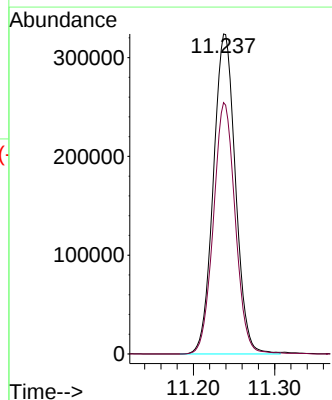
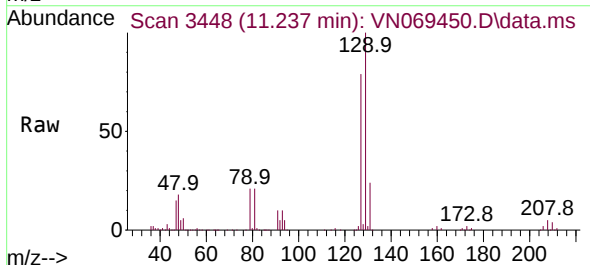
Instrument :  
MSVOA\_N  
ClientSampleId :

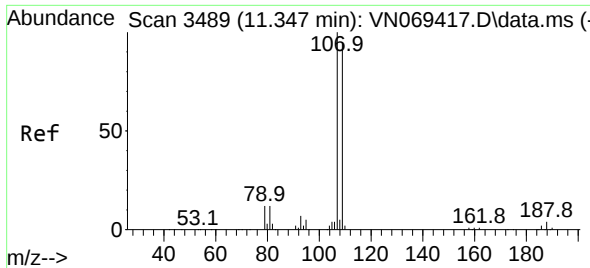
Tgt Ion: 43 Resp: 4046542  
Ion Ratio Lower Upper  
43 100  
58 49.1 26.9 80.7



#60  
Dibromochloromethane  
Concen: 48.513 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:129 Resp: 611519  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

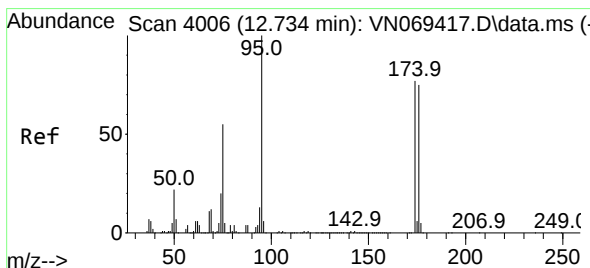
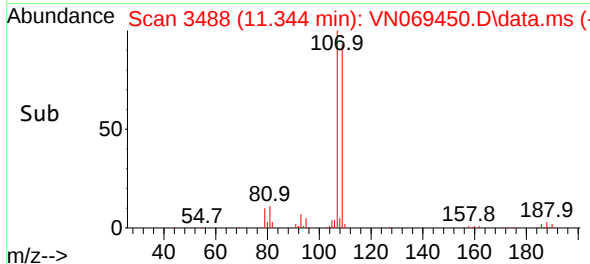
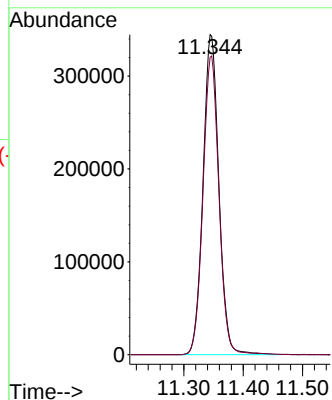
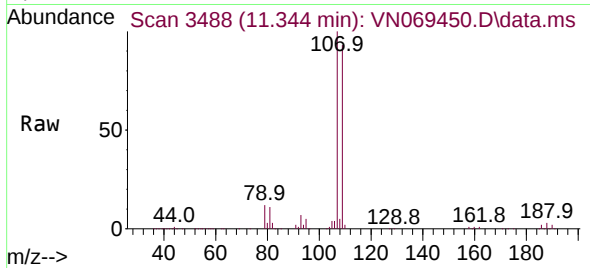




#61  
1,2-Dibromoethane  
Concen: 49.863 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

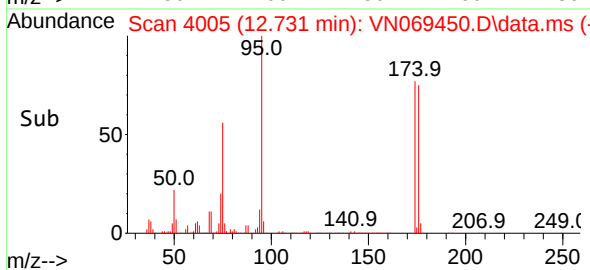
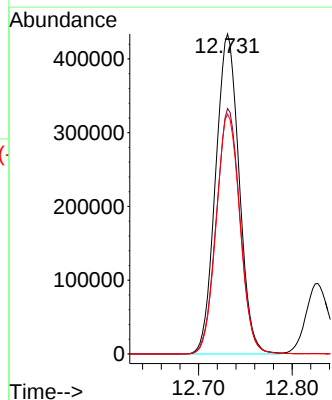
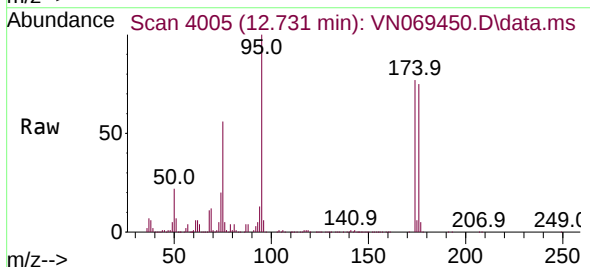
Instrument :  
MSVOA\_N  
ClientSampleId :

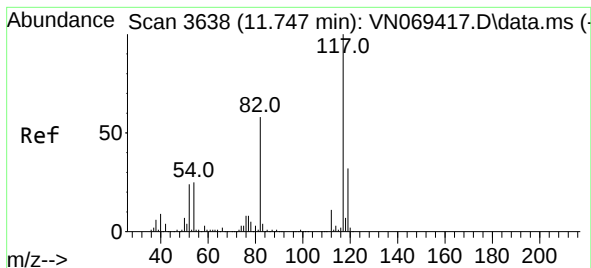
Tgt Ion:107 Resp: 640156  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 49.658 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 95 Resp: 758883  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 187.2  
176 75.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Instrument :

MSVOA\_N

ClientSampleId :

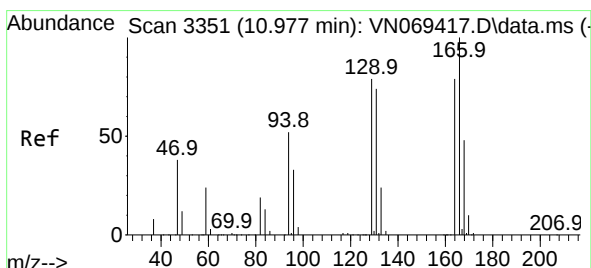
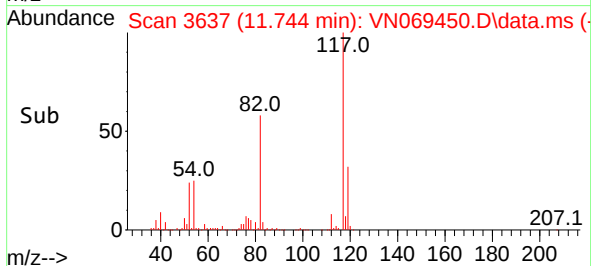
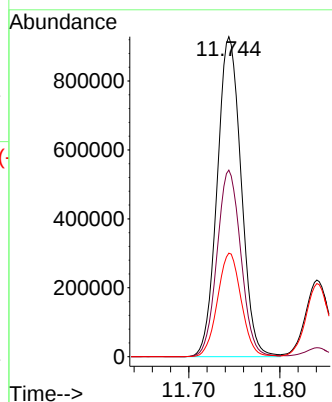
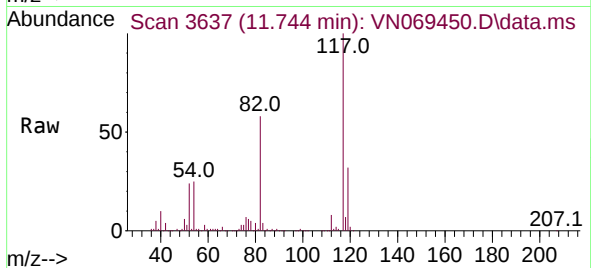
Tgt Ion:117 Resp: 1693315

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 32.4 25.4 38.2



#64

Tetrachloroethene

Concen: 49.319 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN069450.D

Acq: 11 Nov 2021 10:23

Tgt Ion:164 Resp: 504262

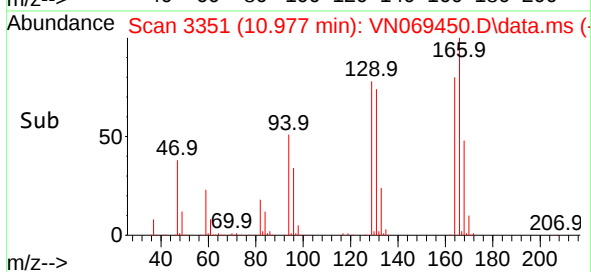
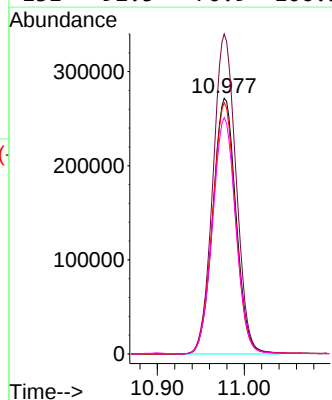
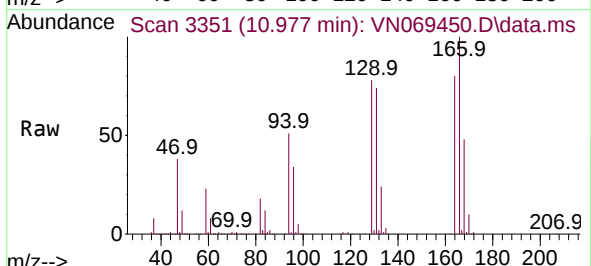
Ion Ratio Lower Upper

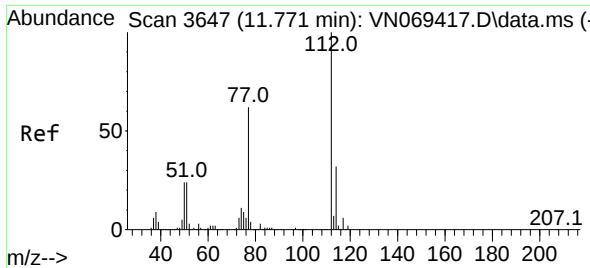
164 100

166 125.2 101.9 152.9

129 98.2 72.0 108.0

131 92.5 70.9 106.3

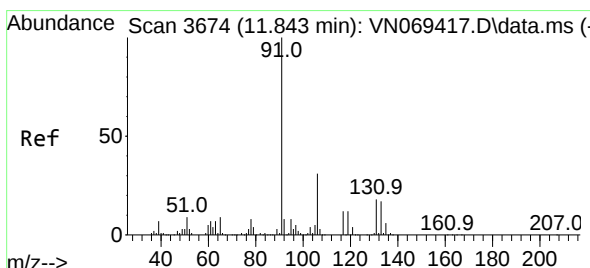
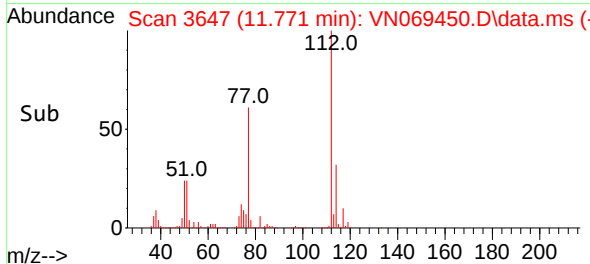
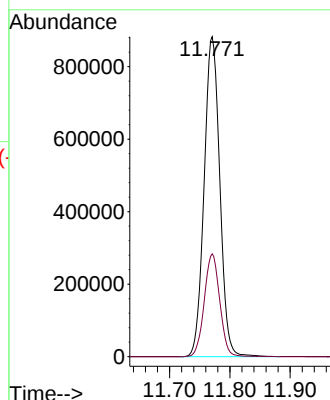
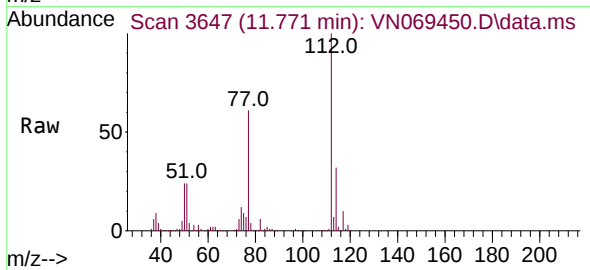




#65  
Chlorobenzene  
Concen: 50.627 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

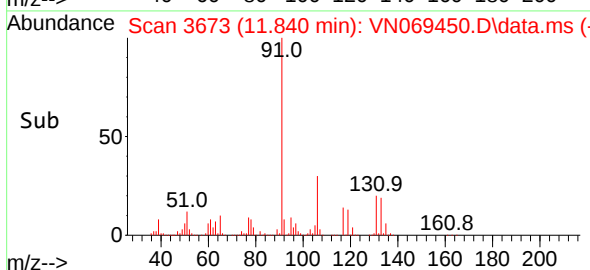
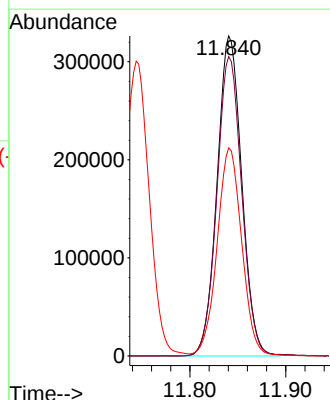
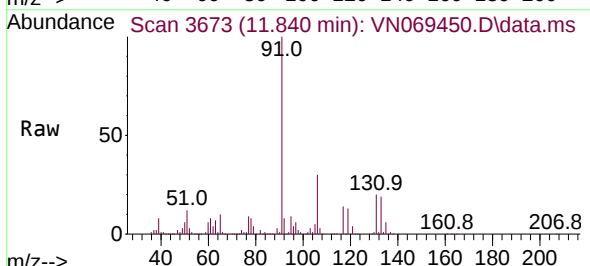
Instrument :  
MSVOA\_N  
ClientSampleId :

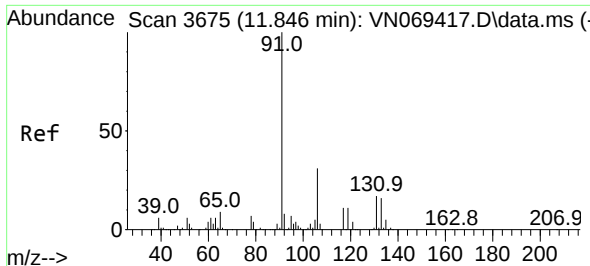
Tgt Ion:112 Resp: 1595670  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.271 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:131 Resp: 582373  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.7  
119 64.5 32.1 96.5

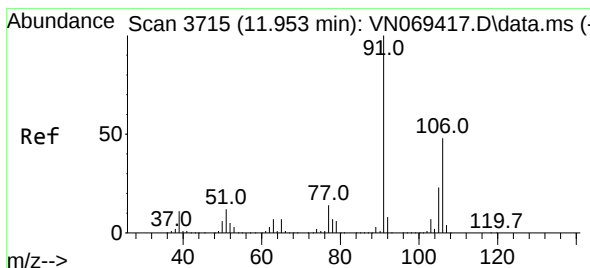
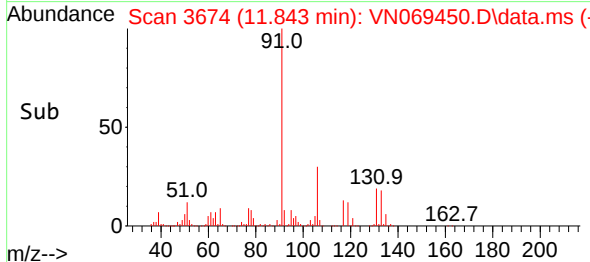
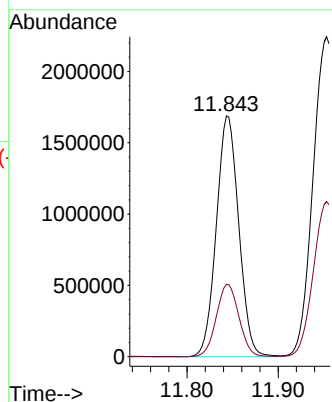
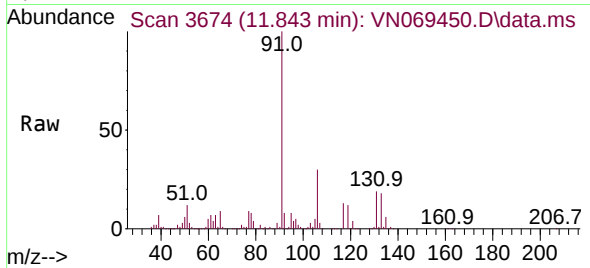




#67  
Ethyl Benzene  
Concen: 49.632 ug/l  
RT: 11.843 min Scan# 3675  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

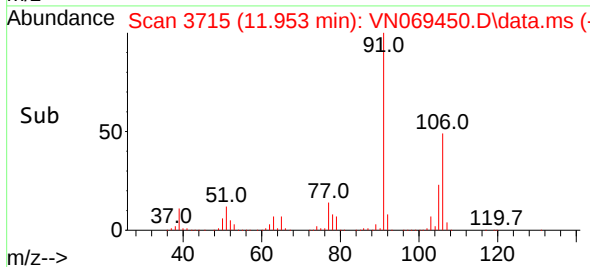
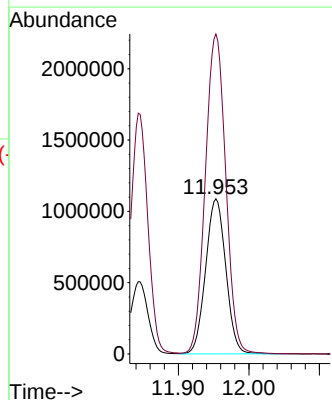
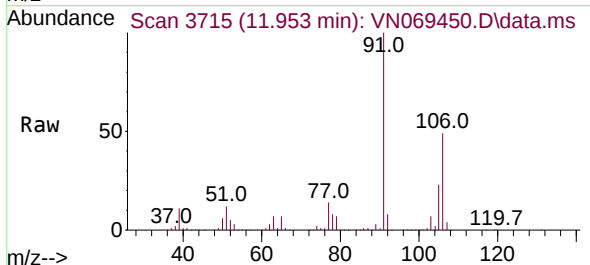
Instrument :  
MSVOA\_N  
ClientSampleId :

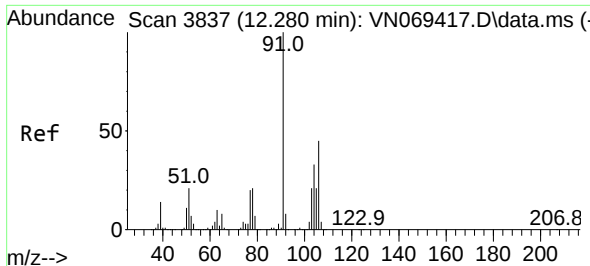
Tgt Ion: 91 Resp: 2885106  
Ion Ratio Lower Upper  
91 100  
106 30.0 25.7 38.5



#68  
m/p-Xylenes  
Concen: 101.181 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:106 Resp: 2163187  
Ion Ratio Lower Upper  
106 100  
91 209.0 160.6 240.8

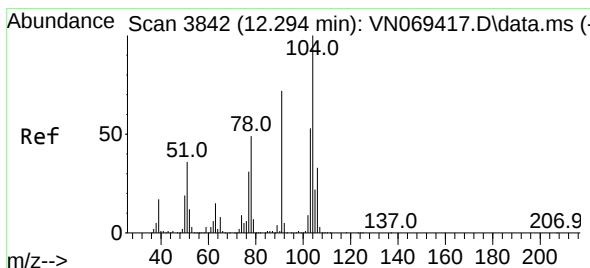
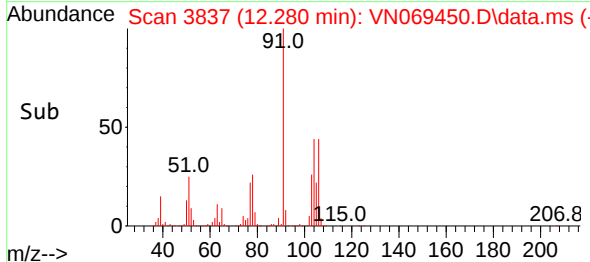
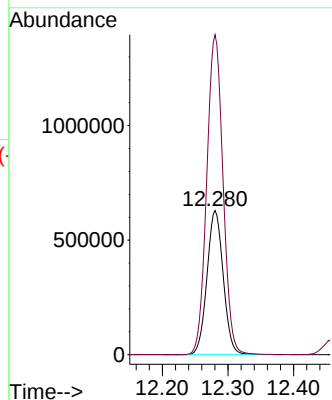
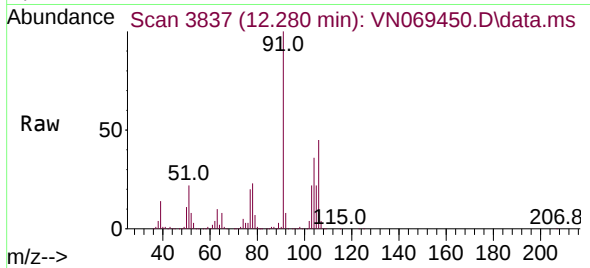




#69  
o-Xylene  
Concen: 50.813 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

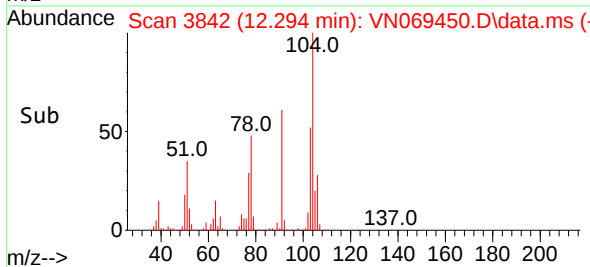
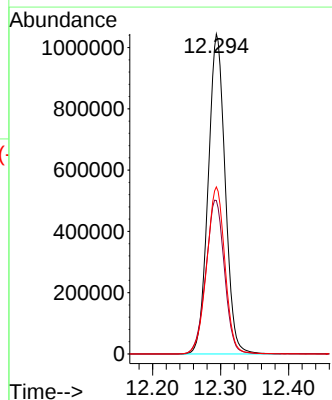
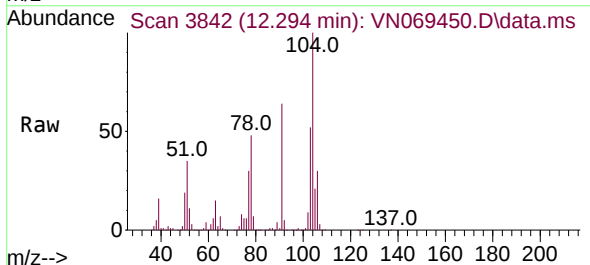
Instrument :  
MSVOA\_N  
ClientSampleId :

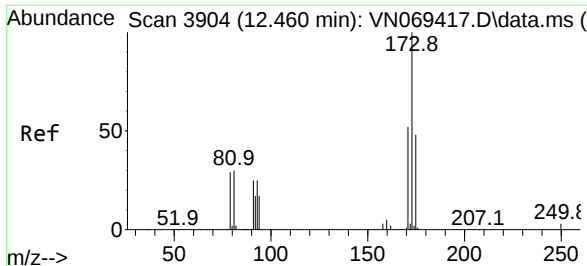
Tgt Ion:106 Resp: 1083019  
Ion Ratio Lower Upper  
106 100  
91 222.7 105.8 317.3



#70  
Styrene  
Concen: 47.535 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:104 Resp: 1816138  
Ion Ratio Lower Upper  
104 100  
78 52.7 38.7 58.1  
103 56.0 45.0 67.6

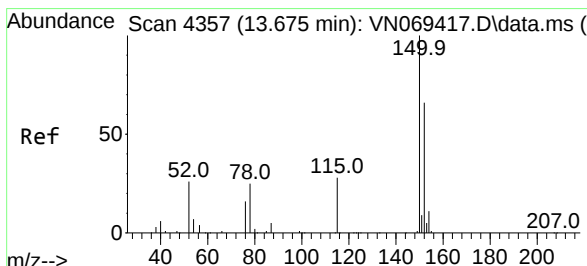
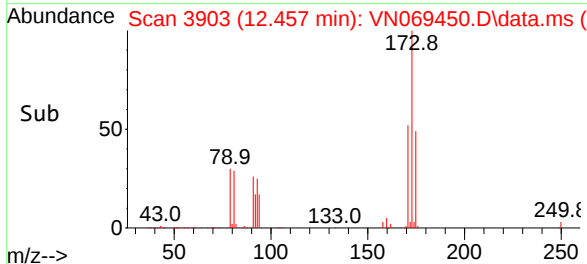
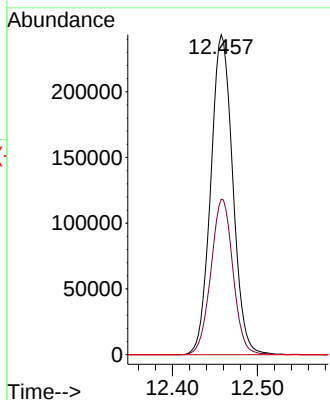
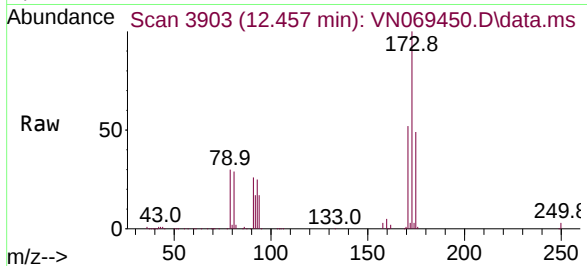




#71  
Bromoform  
Concen: 46.399 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

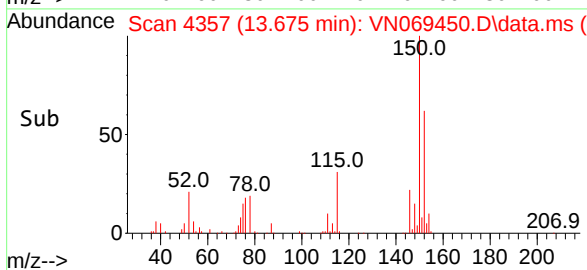
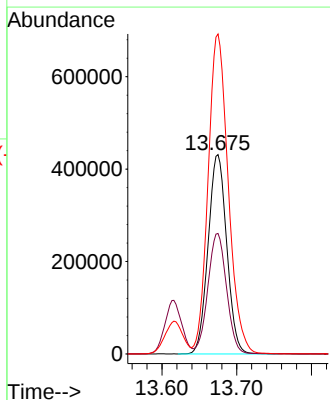
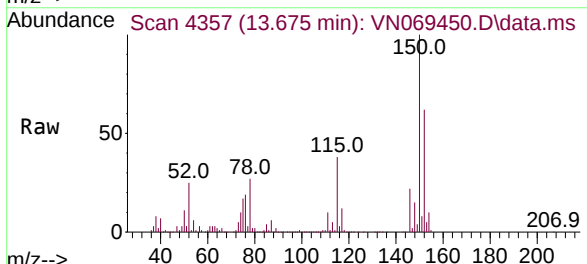
Instrument :  
MSVOA\_N  
ClientSampleId :

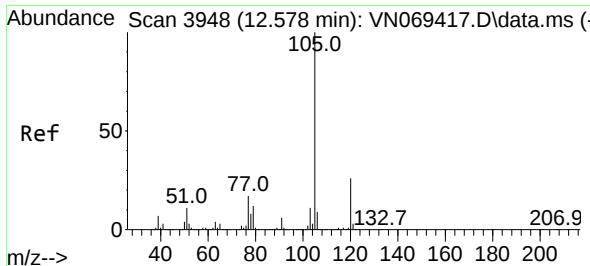
Tgt Ion:173 Resp: 437924  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

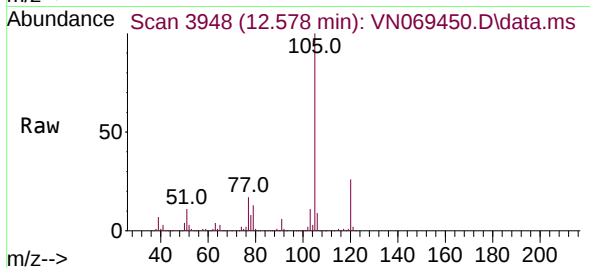
Tgt Ion:152 Resp: 747067  
Ion Ratio Lower Upper  
152 100  
115 60.3 27.5 82.5  
150 173.5 0.0 344.4



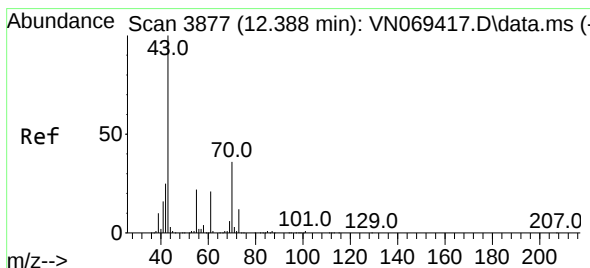
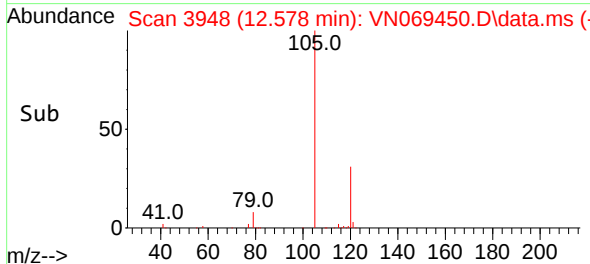
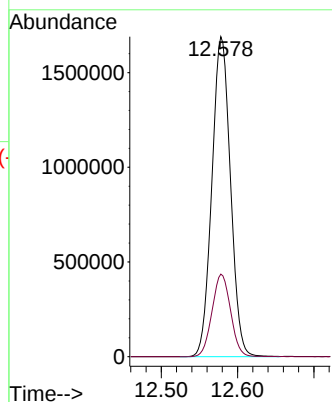


#73  
Isopropylbenzene  
Concen: 48.010 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

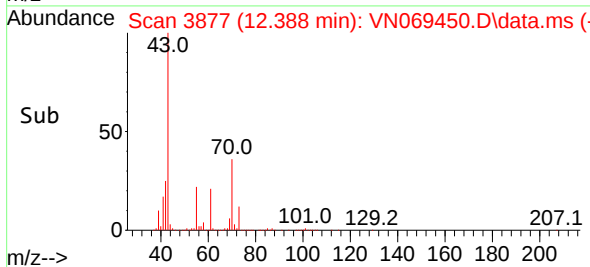
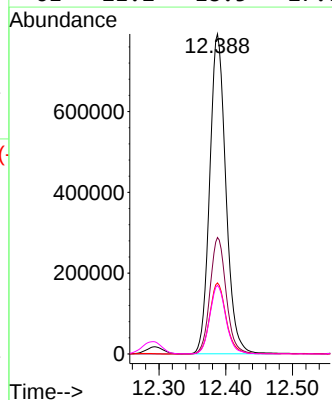
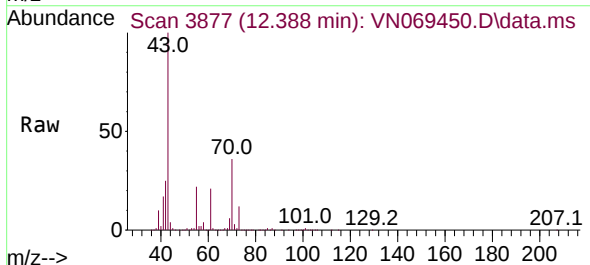


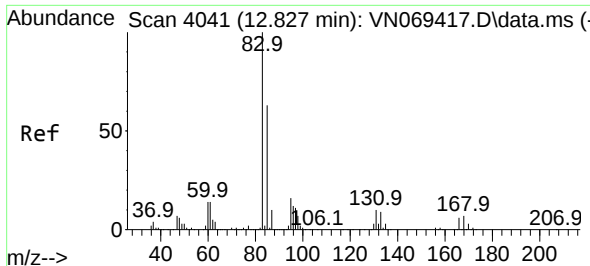
Tgt Ion:105 Resp: 2855744  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.4 40.1



#74  
N-ethyl acetate  
Concen: 52.762 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 43 Resp: 1330039  
Ion Ratio Lower Upper  
43 100  
70 36.4 33.4 50.0  
55 22.4 19.3 28.9  
61 21.2 18.5 27.7

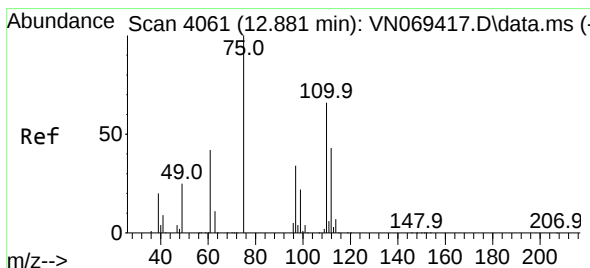
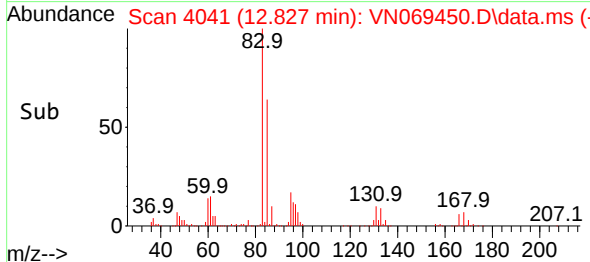
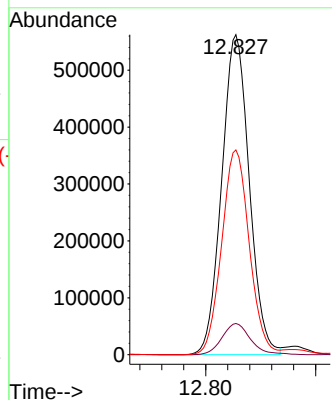
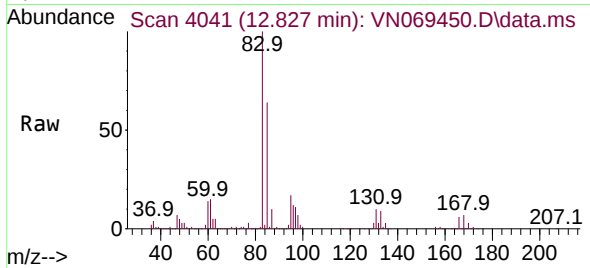




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.793 ug/l  
 RT: 12.827 min Scan# 4041  
 Delta R.T. 0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

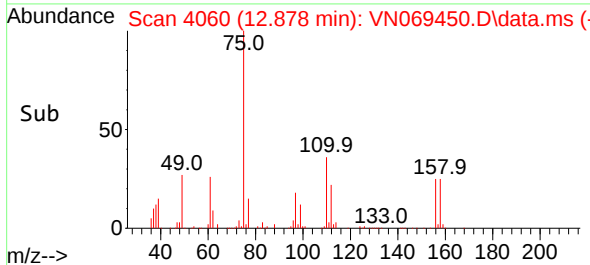
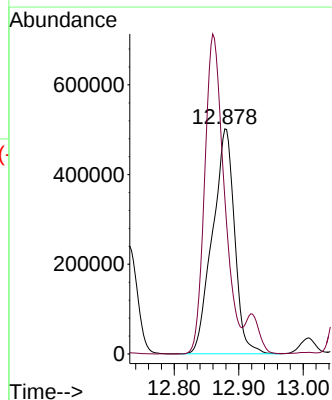
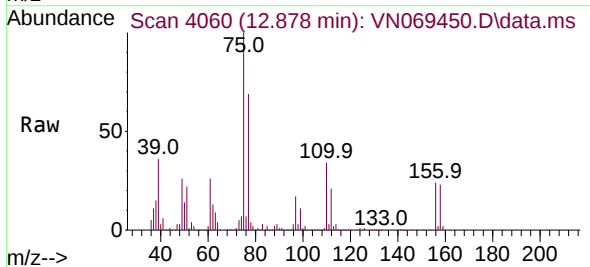
Instrument :  
 MSVOA\_N  
 ClientSampleId :

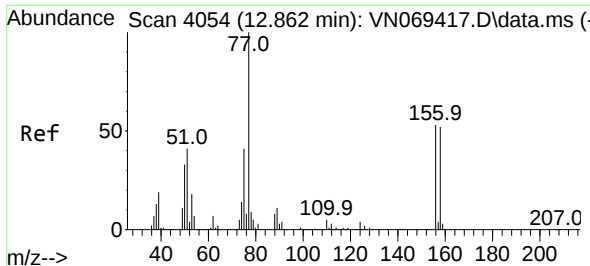
Tgt Ion: 83 Resp: 978872  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.5 16.5  
 85 64.2 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 69.210 ug/l  
 RT: 12.878 min Scan# 4060  
 Delta R.T. -0.003 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Tgt Ion: 75 Resp: 1193224  
 Ion Ratio Lower Upper  
 75 100  
 77 125.7 82.6 247.8

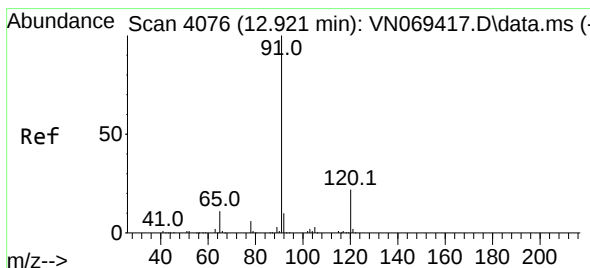
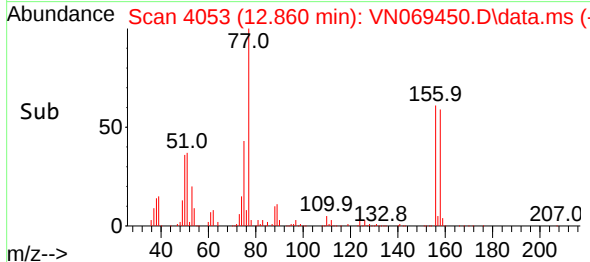
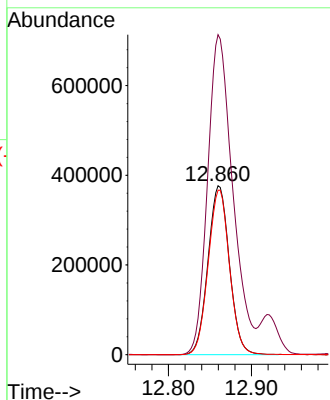
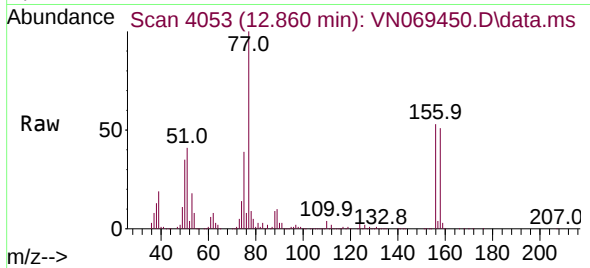




#77  
Bromobenzene  
Concen: 49.619 ug/l  
RT: 12.860 min Scan# 4054  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

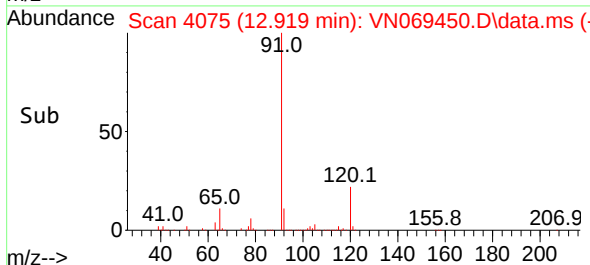
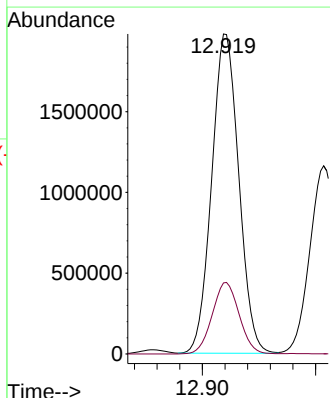
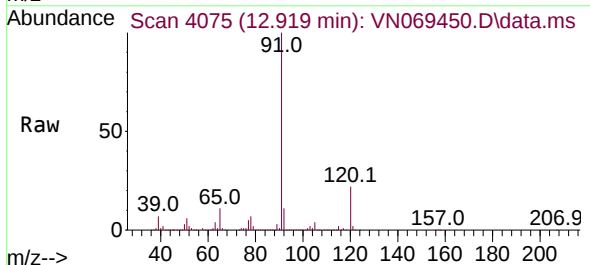
Instrument :  
MSVOA\_N  
ClientSampleId :

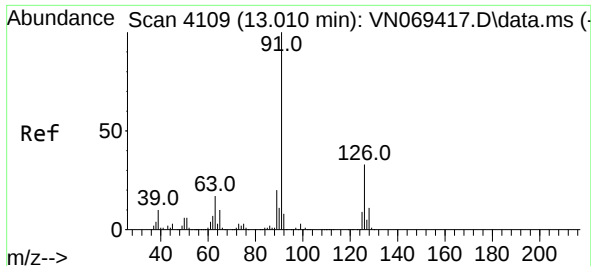
Tgt Ion:156 Resp: 675006  
Ion Ratio Lower Upper  
156 100  
77 222.2 90.6 271.8  
158 97.0 48.9 146.7



#78  
n-propylbenzene  
Concen: 48.937 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 91 Resp: 3275398  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.9 35.9

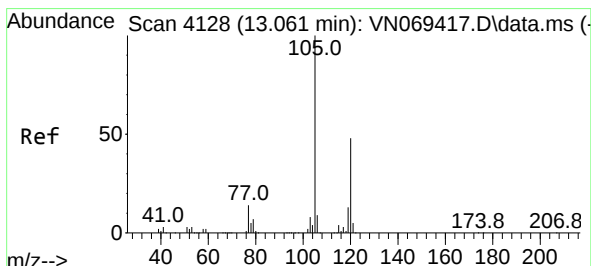
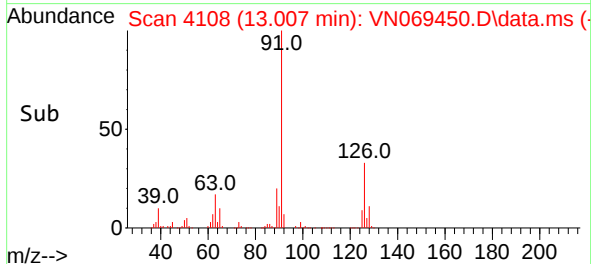
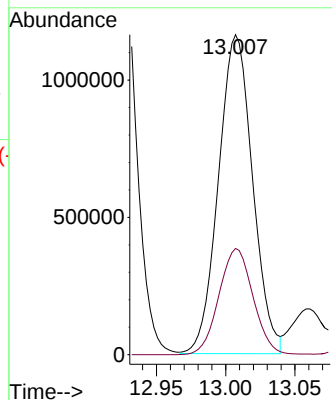
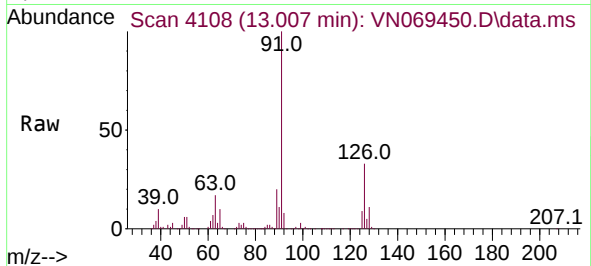




#79  
2-Chlorotoluene  
Concen: 48.066 ug/l  
RT: 13.007 min Scan# 4109  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

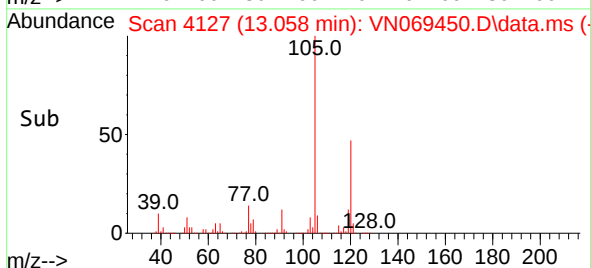
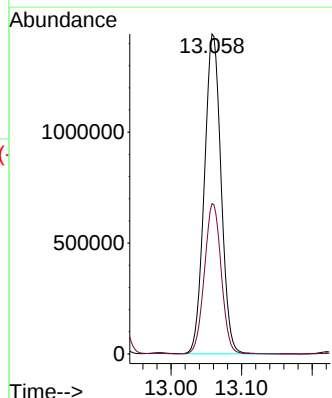
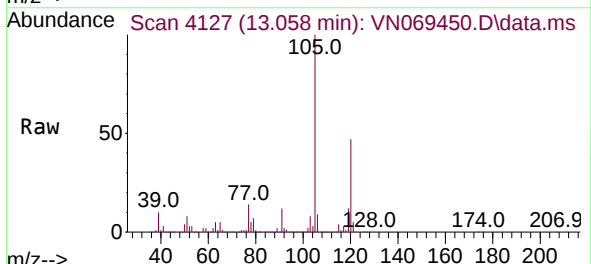
Instrument :  
MSVOA\_N  
ClientSampleId :

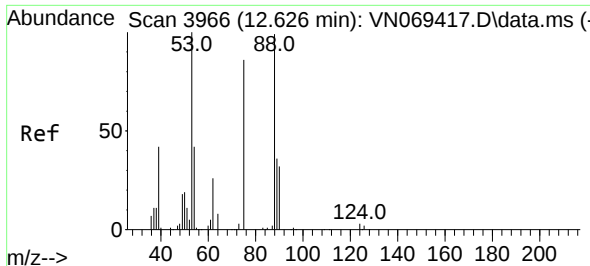
Tgt Ion: 91 Resp: 1991937  
Ion Ratio Lower Upper  
91 100  
126 33.3 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.239 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion: 105 Resp: 2367719  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.6 73.6

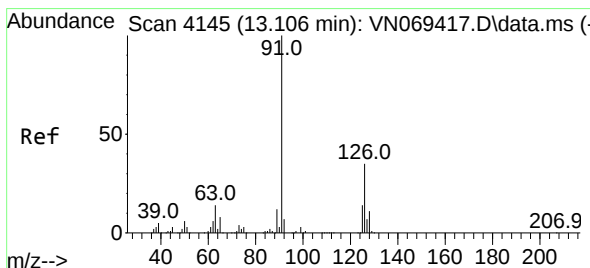
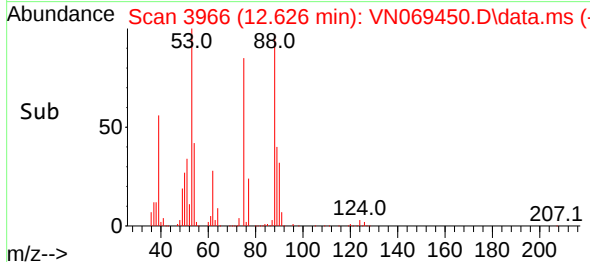
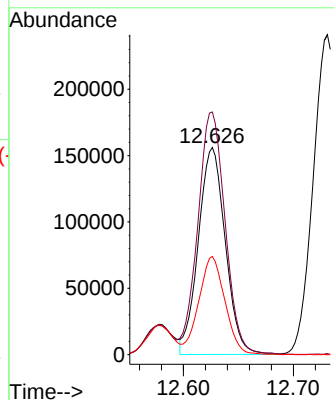
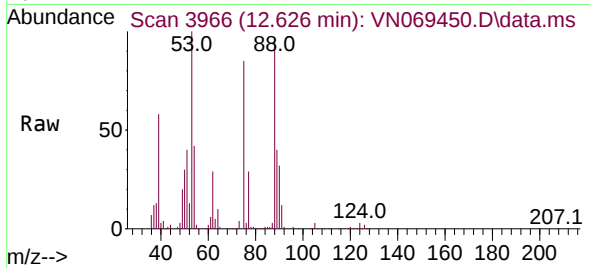




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.406 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

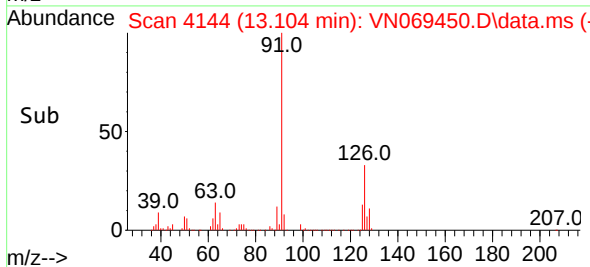
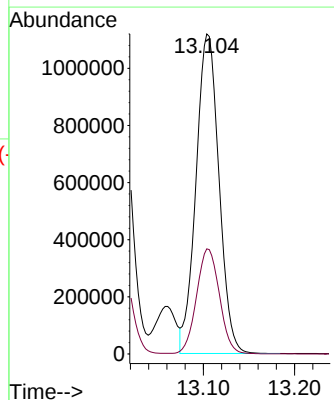
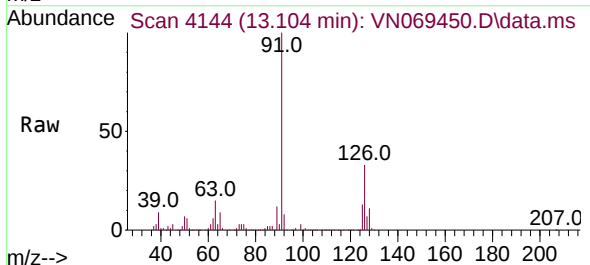
Instrument :  
MSVOA\_N  
ClientSampleId :

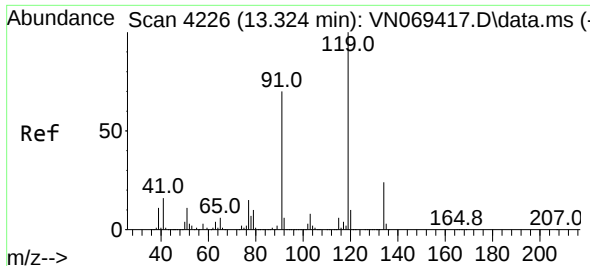
Tgt Ion: 75 Resp: 266056  
Ion Ratio Lower Upper  
75 100  
53 119.2 90.5 135.7  
89 45.9 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 49.488 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

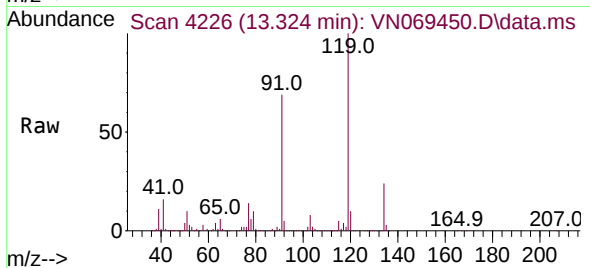
Tgt Ion: 91 Resp: 1955041  
Ion Ratio Lower Upper  
91 100  
126 32.9 18.2 54.6



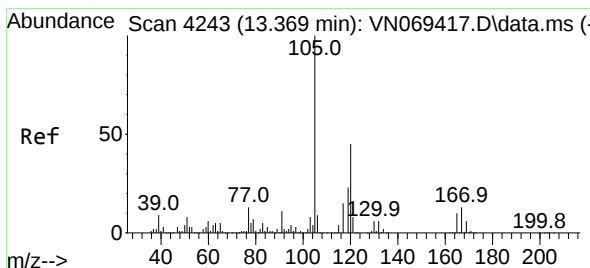
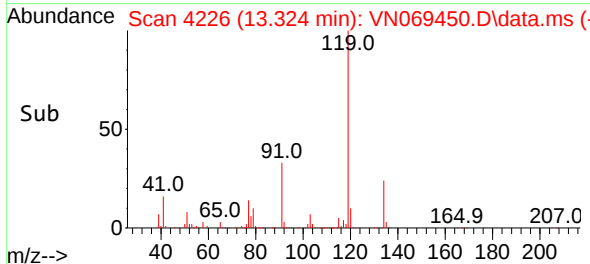
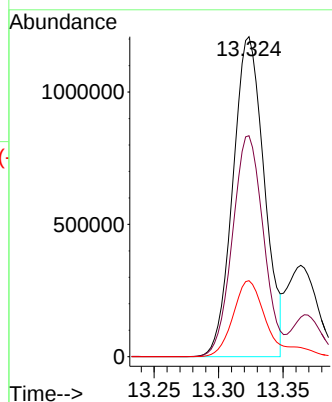


#83  
 tert-Butylbenzene  
 Concen: 48.494 ug/l  
 RT: 13.324 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :

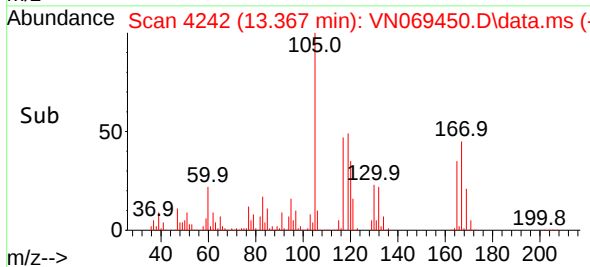
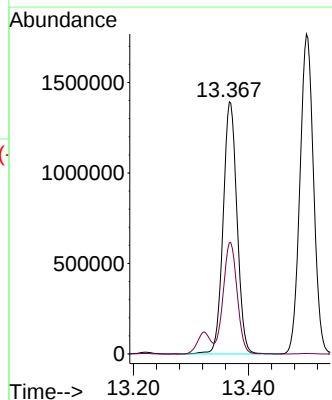
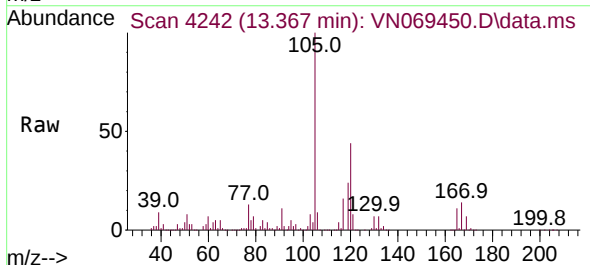


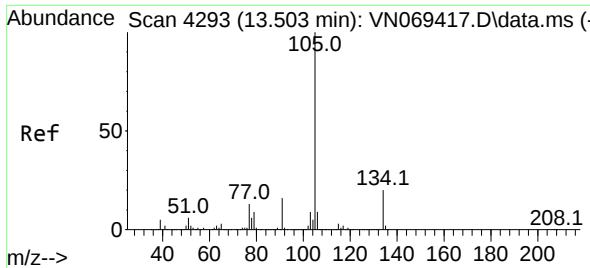
Tgt Ion:119 Resp: 2043492  
 Ion Ratio Lower Upper  
 119 100  
 91 68.5 31.5 94.5  
 134 26.2 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.265 ug/l  
 RT: 13.367 min Scan# 4242  
 Delta R.T. -0.002 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

Tgt Ion:105 Resp: 2333432  
 Ion Ratio Lower Upper  
 105 100  
 120 44.5 22.8 68.4

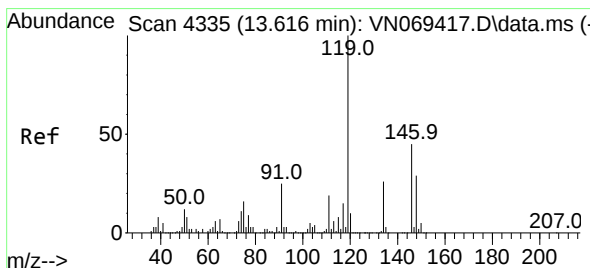
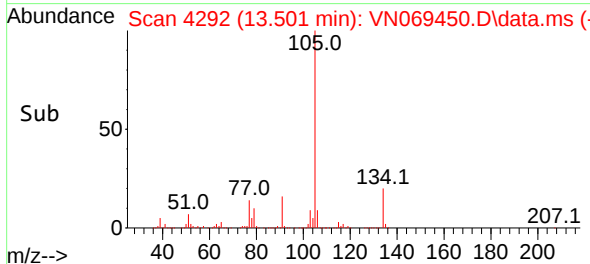
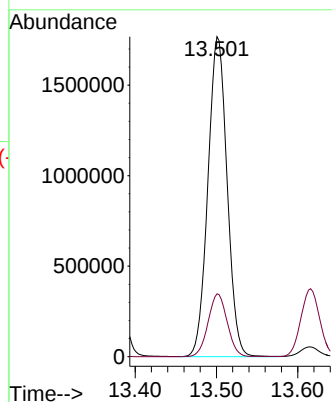
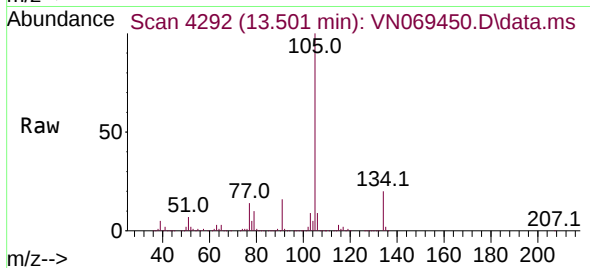




#85  
 sec-Butylbenzene  
 Concen: 49.129 ug/l  
 RT: 13.501 min Scan# 4292  
 Delta R.T. -0.002 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

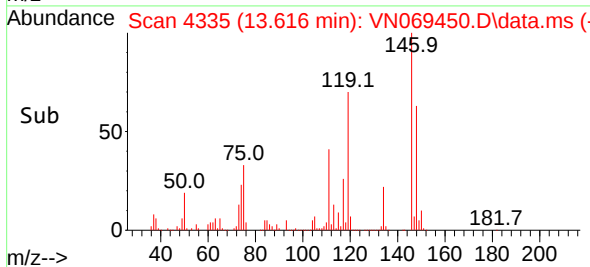
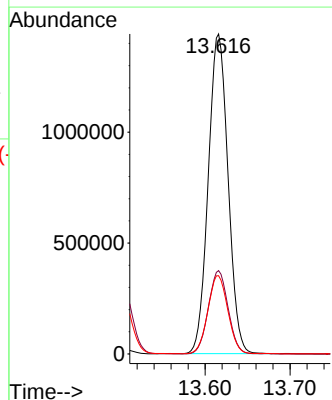
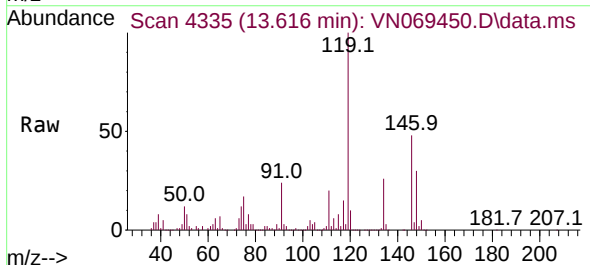
Instrument :  
 MSVOA\_N  
 ClientSampleId :

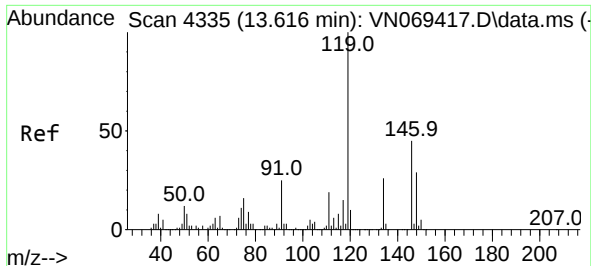
Tgt Ion:105 Resp: 2891987  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 49.893 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

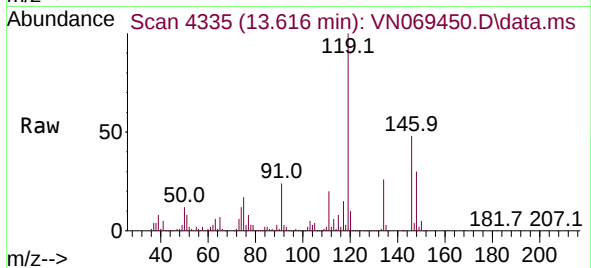
Tgt Ion:119 Resp: 2331451  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.6 40.7  
 91 24.7 11.4 34.1



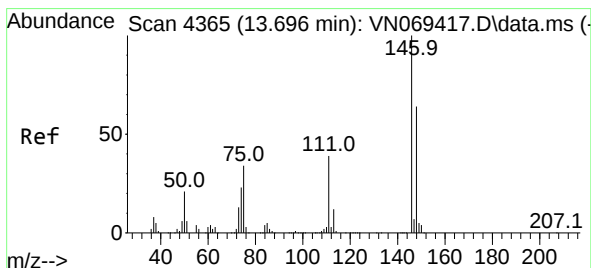
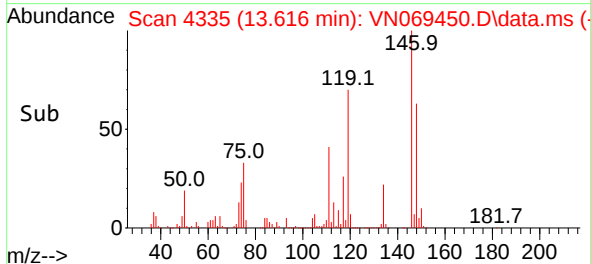
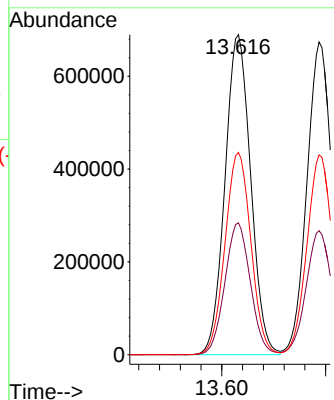


#87  
1,3-Dichlorobenzene  
Concen: 50.297 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :

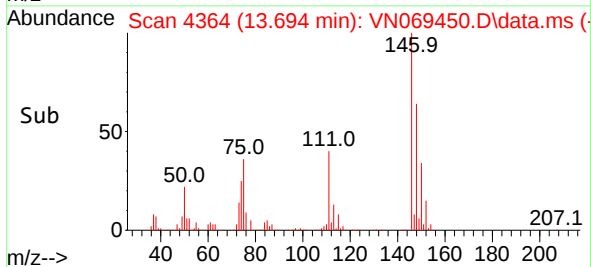
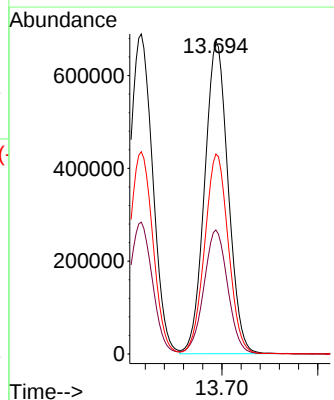
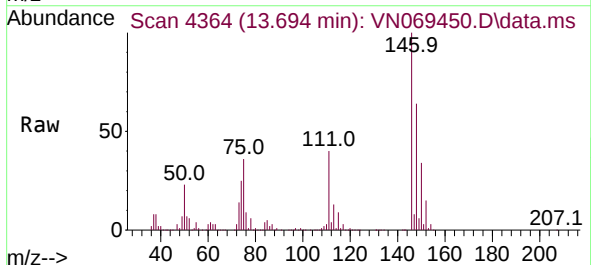


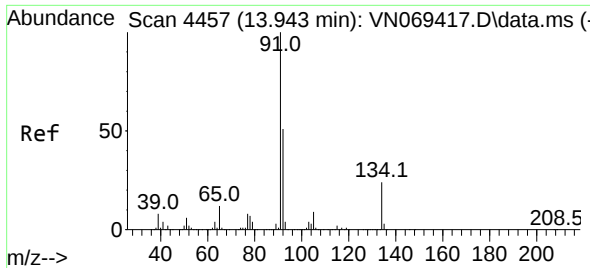
Tgt Ion:146 Resp: 1186260  
Ion Ratio Lower Upper  
146 100  
111 40.9 18.6 55.6  
148 63.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 49.629 ug/l  
RT: 13.694 min Scan# 4364  
Delta R.T. -0.002 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:146 Resp: 1148302  
Ion Ratio Lower Upper  
146 100  
111 40.1 18.3 54.8  
148 64.7 31.8 95.4

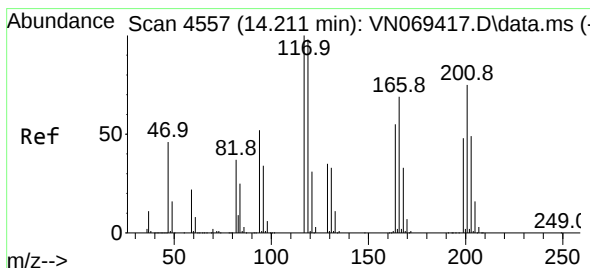
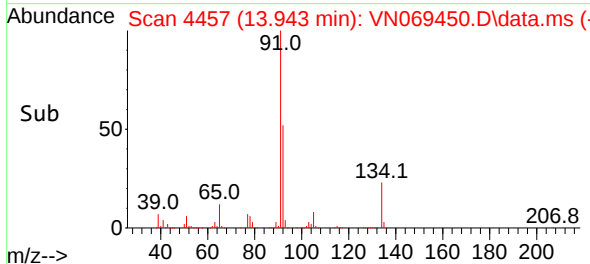
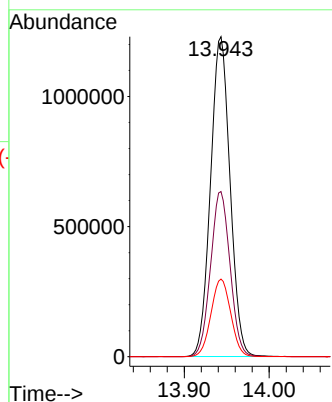
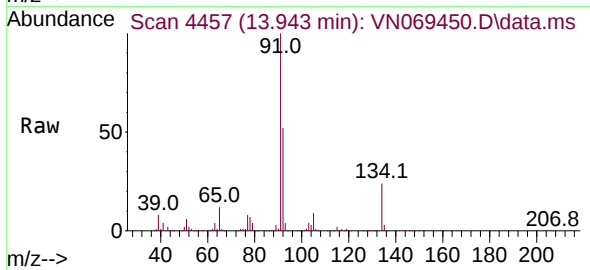




#89  
n-Butylbenzene  
Concen: 50.323 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

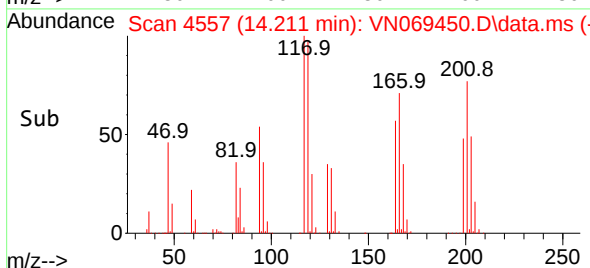
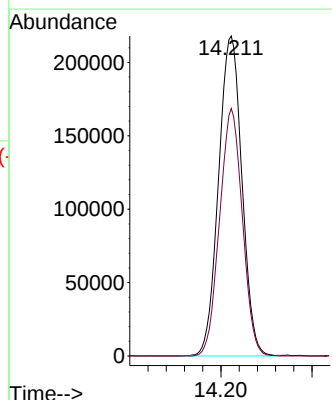
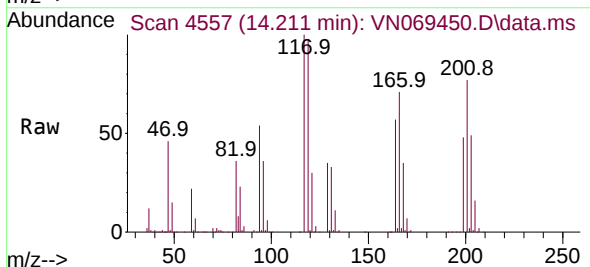
Instrument :  
MSVOA\_N  
ClientSampleId :

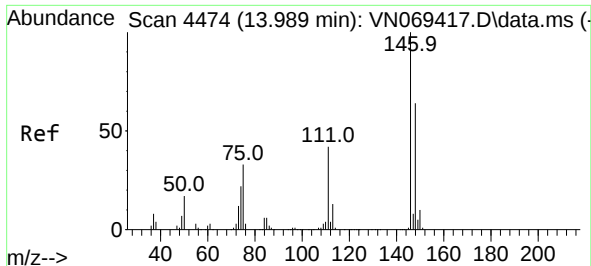
Tgt Ion: 91 Resp: 1960991  
Ion Ratio Lower Upper  
91 100  
92 51.7 25.4 76.0  
134 24.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 45.321 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

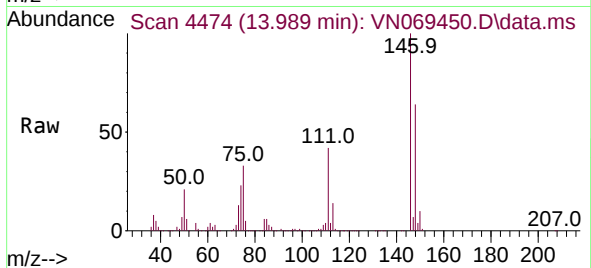
Tgt Ion: 117 Resp: 387453  
Ion Ratio Lower Upper  
117 100  
201 75.3 43.9 131.6



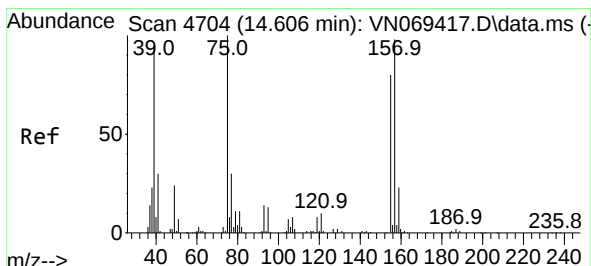
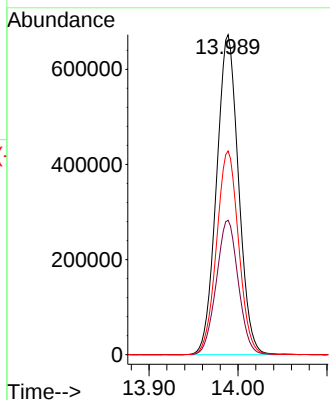
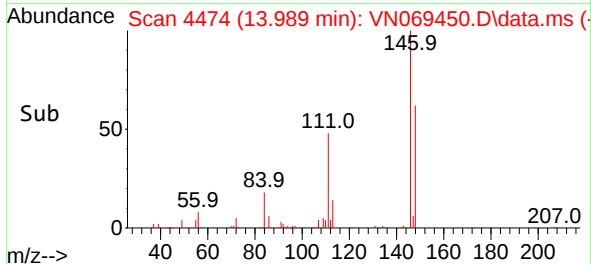


#91  
1,2-Dichlorobenzene  
Concen: 51.507 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

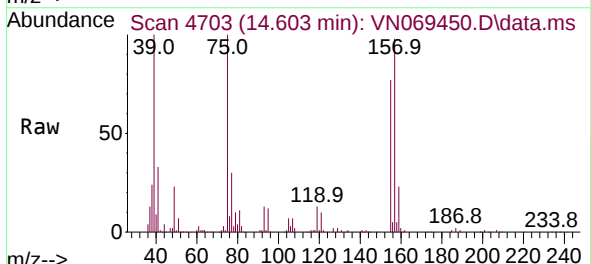
Instrument :  
MSVOA\_N  
ClientSampleId :



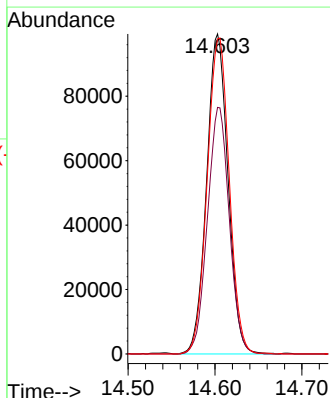
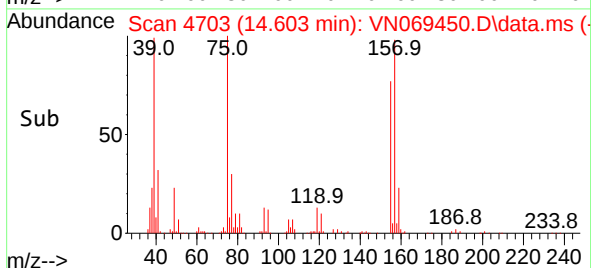
Tgt Ion:146 Resp: 1155957  
Ion Ratio Lower Upper  
146 100  
111 42.1 19.1 57.3  
148 64.1 32.1 96.3

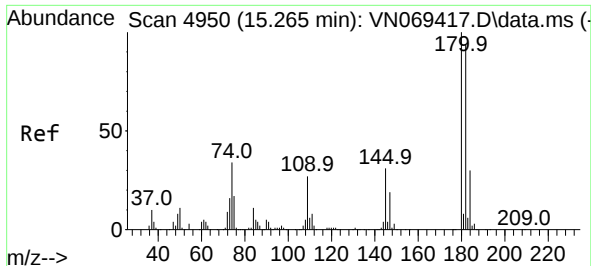


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.871 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23



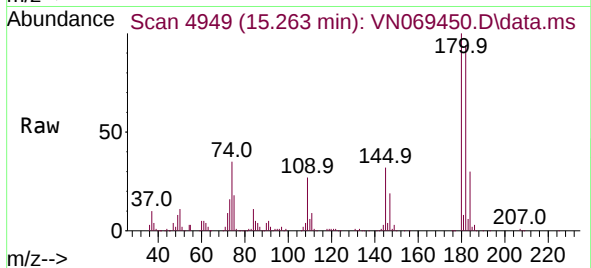
Tgt Ion: 75 Resp: 170520  
Ion Ratio Lower Upper  
75 100  
155 78.4 46.9 140.7  
157 101.5 60.6 181.7



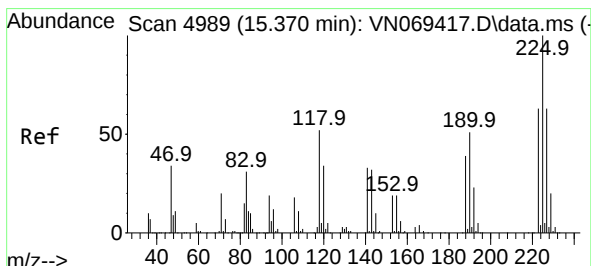
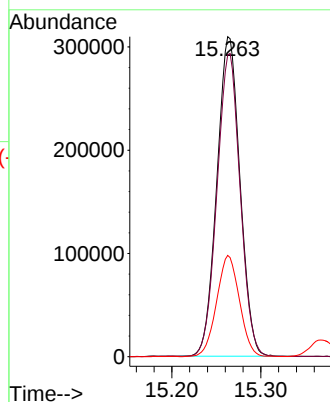
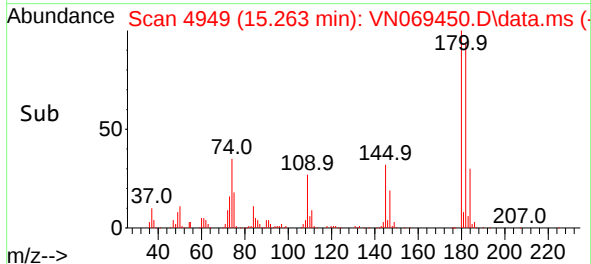


#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.671 ug/l  
 RT: 15.263 min Scan# 4950  
 Delta R.T. -0.002 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23

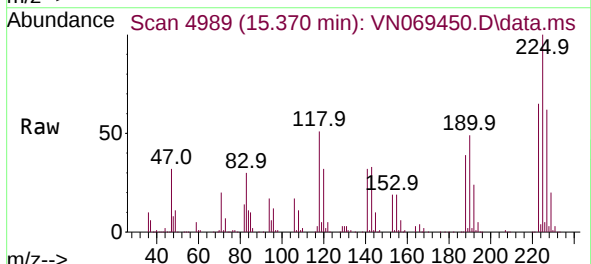
Instrument :  
 MSVOA\_N  
 ClientSampleId :



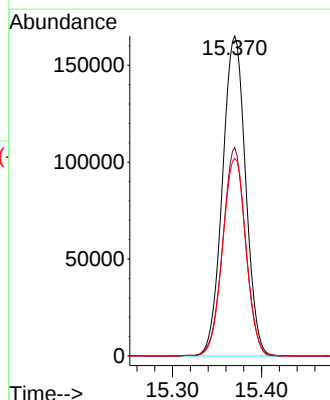
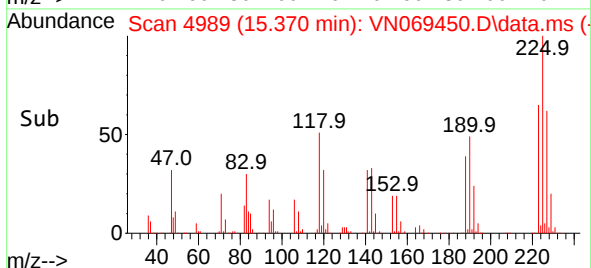
Tgt Ion:180 Resp: 558761  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 48.3 144.9  
 145 31.4 14.5 43.5

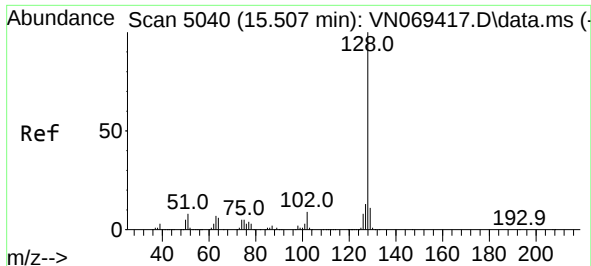


#94  
 Hexachlorobutadiene  
 Concen: 51.135 ug/l  
 RT: 15.370 min Scan# 4989  
 Delta R.T. -0.000 min  
 Lab File: VN069450.D  
 Acq: 11 Nov 2021 10:23



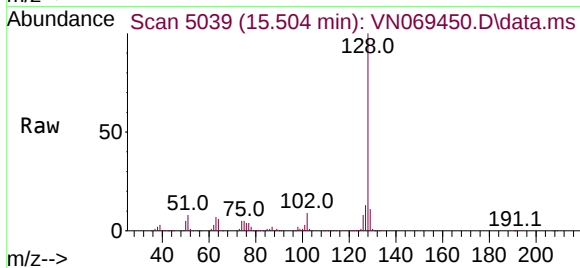
Tgt Ion:225 Resp: 298188  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 31.9 95.7  
 227 62.6 32.1 96.3



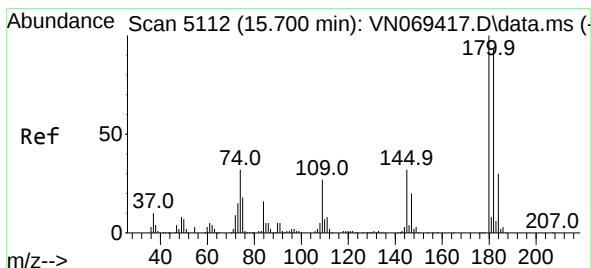
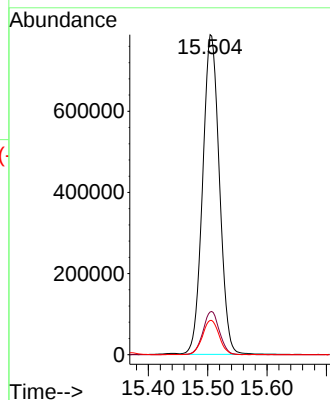
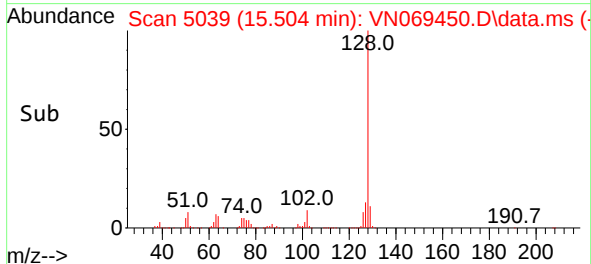


#95  
Naphthalene  
Concen: 46.806 ug/l  
RT: 15.504 min Scan# 5040  
Delta R.T. -0.003 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 1541928  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 48.325 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.000 min  
Lab File: VN069450.D  
Acq: 11 Nov 2021 10:23

Tgt Ion:180 Resp: 542126  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.4 142.2  
145 32.5 15.0 45.1

