

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123120\  
 Data File : VN065337.D  
 Acq On : 31 Dec 2020 10:44  
 Operator : JC/MD  
 Sample : VN1231WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1231WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/4/2021 9:29:23 AM

Quant Time: Jan 01 01:13:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Dec 21 13:17:58 2020  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Bromochloromethane        | 7.155          | 128  | 52019      | 30.00   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.550          | 114  | 287144     | 30.00   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.380         | 117  | 263468     | 30.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.991          | 65   | 108274     | 28.69   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 95.63%  |        |          |
| 60) 4-Bromofluorobenzene     | 12.373         | 95   | 119385     | 28.49   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 94.97%  |        |          |
| 63) Toluene-d8               | 10.058         | 98   | 350807     | 30.02   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 100.07% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.849          | 85   | 51430      | 18.70   | ug/l   | 97       |
| 3) Chloromethane             | 2.055          | 50   | 64033      | 19.85   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.181          | 62   | 67983      | 20.05   | ug/l   | 98       |
| 5) Bromomethane              | 2.547          | 94   | 46204      | 18.88   | ug/l   | 94       |
| 6) Chloroethane              | 2.689          | 64   | 42009      | 19.39   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.001          | 101  | 90236      | 18.33   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.386          | 74   | 35888      | 20.00   | ug/l   | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 3.724          | 101  | 53138      | 19.44   | ug/l # | 44       |
| 10) 1,1-Dichloroethene       | 3.701          | 96   | 54456      | 19.65   | ug/l   | 84       |
| 11) Methyl Iodide            | 3.914          | 142  | 76203      | 18.55   | ug/l   | 86       |
| 12) Methyl Acetate           | 4.296          | 43   | 57062      | 19.85   | ug/l   | 93       |
| 13) Acrolein                 | 3.579          | 56   | 44793      | 114.24  | ug/l   | 99       |
| 14) Acrylonitrile            | 4.946          | 53   | 129542     | 96.48   | ug/l   | 99       |
| 15) Acetone                  | 3.791          | 58   | 46855      | 110.20  | ug/l # | 64       |
| 16) Carbon Disulfide         | 4.010          | 76   | 142661     | 17.83   | ug/l   | 100      |
| 17) Allyl chloride           | 4.280          | 41   | 84885      | 17.34   | ug/l   | 91       |
| 18) Methylene Chloride       | 4.505          | 84   | 60181      | 18.96   | ug/l   | 91       |
| 19) trans-1,2-Dichloroethene | 4.994          | 96   | 56652      | 18.61   | ug/l   | 87       |
| 20) Diisopropyl ether        | 5.917          | 45   | 178515     | 18.20   | ug/l   | 92       |
| 21) 1,1-Dichloroethane       | 5.804          | 63   | 103531     | 18.79   | ug/l   | 96       |
| 22) cis-1,2-Dichloroethene   | 6.785          | 96   | 66342      | 18.96   | ug/l   | 84       |
| 23) tert-Butyl Alcohol       | 4.772          | 59   | 47549      | 83.47   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.007          | 73   | 169669     | 17.53   | ug/l # | 79       |
| 25) Chloroform               | 7.332          | 83   | 105254     | 18.52   | ug/l   | 100      |
| 26) Cyclohexane              | 7.614          | 56   | 87138      | 17.91   | ug/l # | 94       |
| 29) 1,1-Dichloropropene      | 7.753          | 75   | 78312      | 18.46   | ug/l   | 96       |
| 30) 2-Butanone               | 6.801          | 43   | 179701     | 92.91   | ug/l # | 76       |
| 31) 2,2-Dichloropropane      | 6.779          | 77   | 88430      | 17.01   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.531          | 97   | 90051      | 17.63   | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 7.733          | 117  | 79078      | 17.59   | ug/l   | 99       |
| 34) Benzene                  | 8.004          | 78   | 238310     | 19.06   | ug/l   | 95       |
| 35) Methacrylonitrile        | 7.126          | 41   | 35751m     | 20.02   | ug/l   |          |
| 36) 1,2-Dichloroethane       | 8.087          | 62   | 80734      | 17.44   | ug/l # | 93       |
| 37) Trichloroethene          | 8.801          | 130  | 68454      | 19.12   | ug/l   | 91       |
| 38) Methylcyclohexane        | 9.049          | 83   | 93558      | 17.98   | ug/l   | 94       |
| 39) 1,2-Dichloropropane      | 9.087          | 63   | 62261      | 19.07   | ug/l   | 100      |
| 40) Dibromomethane           | 9.177          | 93   | 41081      | 18.67   | ug/l   | 80       |
| 41) Bromodichloromethane     | 9.370          | 83   | 82931      | 17.72   | ug/l   | 99       |
| 42) Vinyl Acetate            | 5.856          | 43   | 745123     | 88.96   | ug/l   | 96       |

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 Sample : VN1231WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1231WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/4/2021 9:29:23 AM

Quant Time: Jan 01 01:13:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Dec 21 13:17:58 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 6.894  | 43   | 72746    | 19.15  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.132  | 43   | 123913   | 17.30  | ug/l # | 88       |
| 45) 1,4-Dioxane               | 9.171  | 88   | 21052    | 389.10 | ug/l   | 92       |
| 46) Methyl methacrylate       | 9.167  | 41   | 58151    | 17.11  | ug/l   | 85       |
| 47) n-amyl Acetate            | 12.045 | 43   | 103004   | 17.14  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.351 | 75   | 91001    | 17.29  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 9.807  | 75   | 99064    | 17.82  | ug/l # | 89       |
| 50) 1,1,2-Trichloroethane     | 10.534 | 97   | 59523    | 19.21  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.402 | 69   | 85760    | 17.72  | ug/l   | 87       |
| 52) 1,3-Dichloropropane       | 10.679 | 76   | 98550    | 19.07  | ug/l   | 99       |
| 53) Dibromochloromethane      | 10.872 | 129  | 66622    | 18.00  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 10.978 | 107  | 62640    | 18.89  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 9.663  | 63   | 182272   | 76.07  | ug/l   | 97       |
| 56) Bromoform                 | 12.100 | 173  | 49973    | 17.44  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 9.955  | 43   | 363920   | 90.38  | ug/l # | 93       |
| 59) 2-Hexanone                | 10.724 | 43   | 264572   | 89.18  | ug/l   | 90       |
| 61) Tetrachloroethene         | 10.601 | 164  | 80426    | 20.34  | ug/l   | 88       |
| 62) Toluene                   | 10.126 | 91   | 264970   | 18.92  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.405 | 112  | 163299   | 18.91  | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 61891    | 18.11  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.482 | 91   | 289120   | 18.50  | ug/l   | 97       |
| 67) m/p-Xylenes               | 11.595 | 106  | 219912   | 37.27  | ug/l   | 95       |
| 68) o-Xylene                  | 11.920 | 106  | 106924   | 18.76  | ug/l   | 94       |
| 69) Styrene                   | 11.936 | 104  | 176638   | 18.45  | ug/l   | 95       |
| 70) Isopropylbenzene          | 12.222 | 105  | 284739   | 18.72  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 79150    | 19.21  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.527 | 75   | 82697m   | 19.72  | ug/l   |          |
| 73) Bromobenzene              | 12.499 | 156  | 76793    | 19.37  | ug/l   | 75       |
| 74) n-propylbenzene           | 12.563 | 91   | 318321   | 18.43  | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 12.646 | 91   | 191123   | 18.70  | ug/l   | 92       |
| 76) 1,3,5-Trimethylbenzene    | 12.708 | 105  | 239062   | 18.42  | ug/l   | 94       |
| 77) t-1,4-Dichloro-2-butene   | 12.273 | 75   | 26795    | 16.26  | ug/l   | 98       |
| 78) 4-Chlorotoluene           | 12.746 | 91   | 189599   | 18.30  | ug/l   | 92       |
| 79) tert-butylbenzene         | 12.968 | 119  | 202887   | 18.33  | ug/l   | 90       |
| 80) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 237186   | 18.48  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.145 | 105  | 265274   | 18.26  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.264 | 119  | 242860   | 18.11  | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 13.257 | 146  | 124404   | 18.94  | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene       | 13.338 | 146  | 119331   | 18.23  | ug/l   | 95       |
| 85) n-Butylbenzene            | 13.589 | 91   | 195191   | 17.00  | ug/l   | 95       |
| 86) Hexachloroethane          | 13.846 | 117  | 39160    | 16.08  | ug/l   | 64       |
| 87) 1,2-Dichlorobenzene       | 13.627 | 146  | 122676   | 19.27  | ug/l   | 95       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 14818    | 17.20  | ug/l # | 69       |
| 89) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 57216    | 16.75  | ug/l   | 94       |
| 90) Hexachlorobutadiene       | 14.981 | 225  | 43241    | 19.12  | ug/l   | 98       |
| 91) Naphthalene               | 15.103 | 128  | 148741   | 16.28  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.283 | 180  | 56134    | 17.50  | ug/l   | 96       |

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

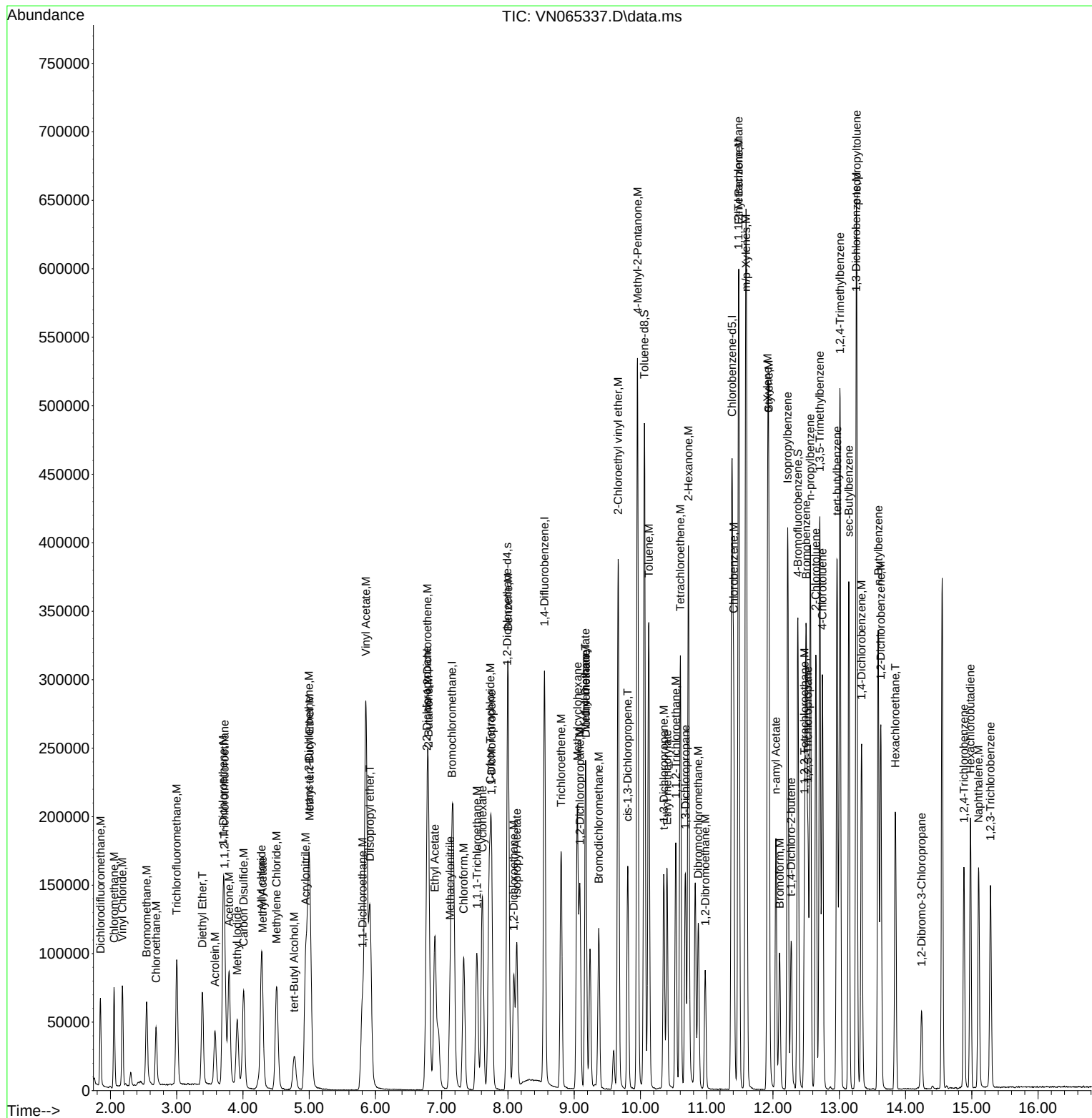
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123120\  
 Data File : VN065337.D  
 Acq On : 31 Dec 2020 10:44  
 Operator : JC/MD  
 Sample : VN1231WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

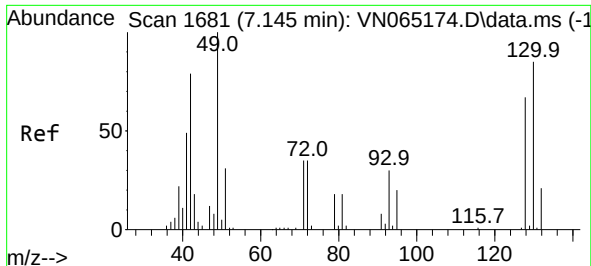
Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VN1231WBS01

Manual Integrations  
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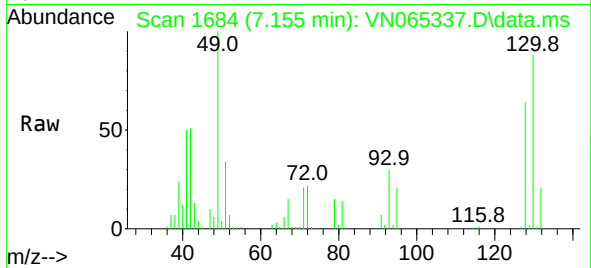
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 1/4/2021 9:29:23 AM

Quant Time: Jan 01 01:13:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Dec 21 13:17:58 2020  
 Response via : Initial Calibration

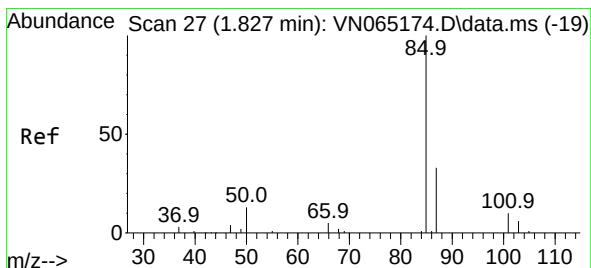
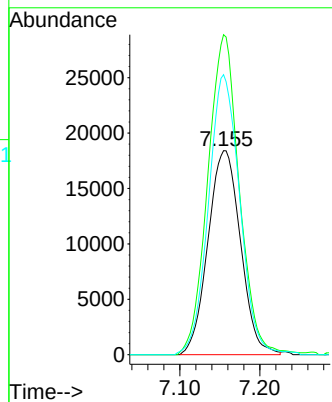
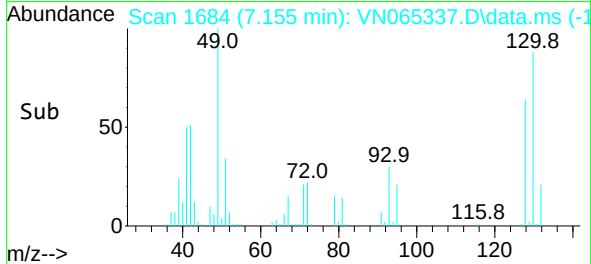




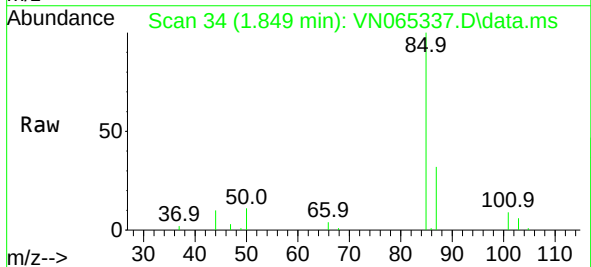
#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.155 min Scan# 1684  
Delta R.T. 0.010 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



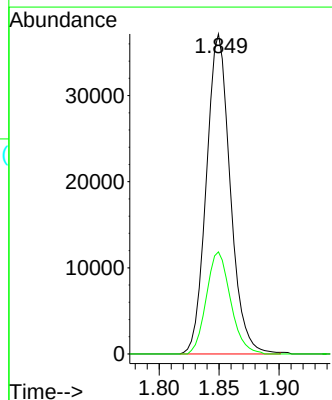
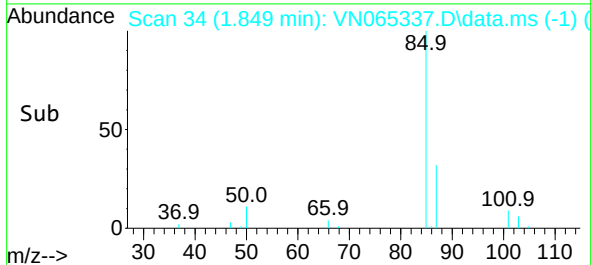
Tgt Ion:128 Resp: 52019  
Ion Ratio Lower Upper  
128 100  
49 151.7 0.0 475.5  
130 131.9 0.0 315.3



#2  
Dichlorodifluoromethane  
Concen: 18.70 ug/l  
RT: 1.849 min Scan# 34  
Delta R.T. 0.023 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



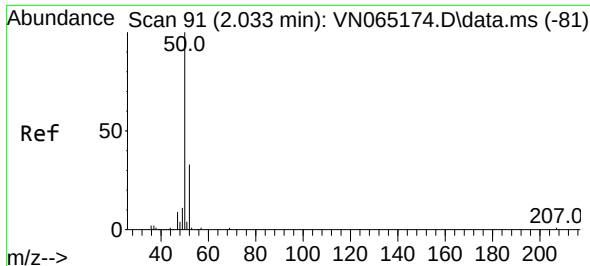
Tgt Ion: 85 Resp: 51430  
Ion Ratio Lower Upper  
85 100  
87 31.9 17.0 50.9



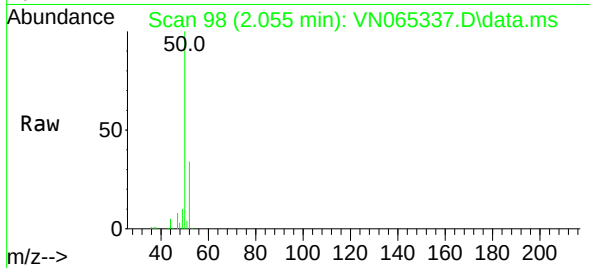
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

Manual Integrations  
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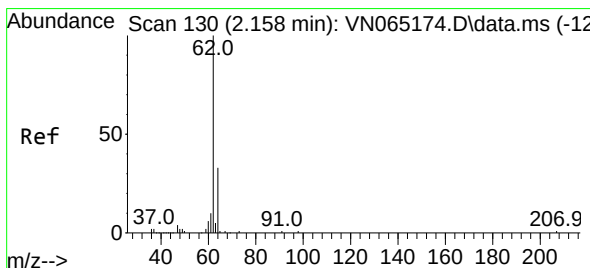
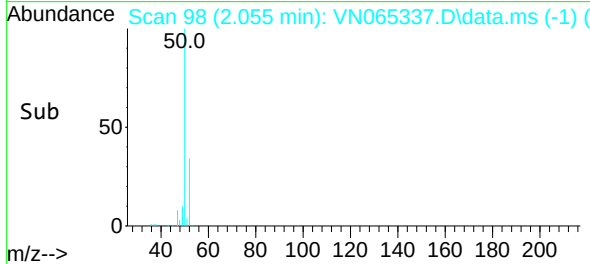
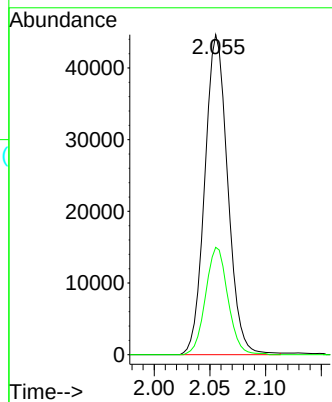
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1/4/2021 9:29:23 AM



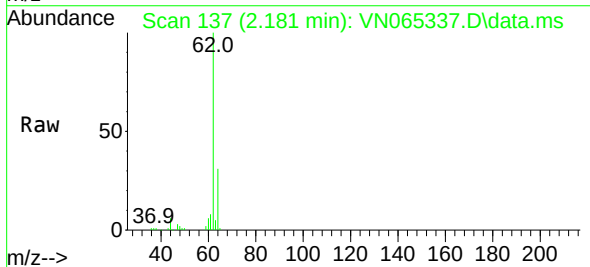
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Chloromethane  
Concen: 19.85 ug/l  
RT: 2.055 min Scan# 98  
Delta R.T. 0.023 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



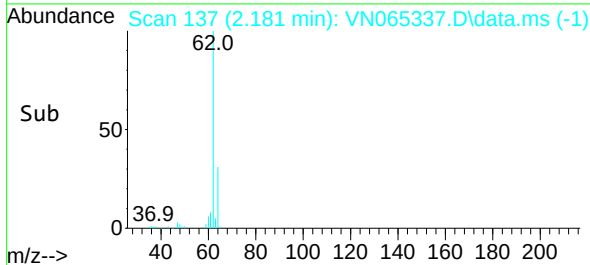
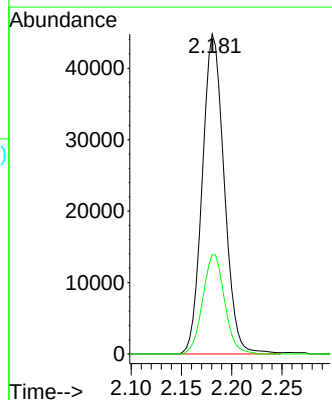
Tgt Ion: 50 Resp: 64033  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 20.05 ug/l  
RT: 2.181 min Scan# 137  
Delta R.T. 0.022 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



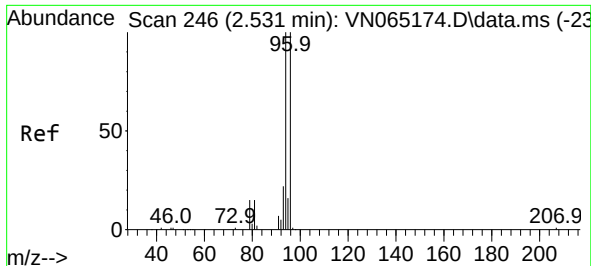
Tgt Ion: 62 Resp: 67983  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.8 38.8



Instrument :  
MSVOA\_N  
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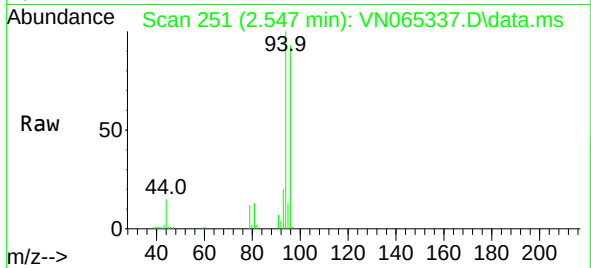
Manual Integrations  
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1/4/2021 9:29:23 AM



#5  
Bromomethane  
Concen: 18.88 ug/l  
RT: 2.547 min Scan# 251  
Delta R.T. 0.016 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

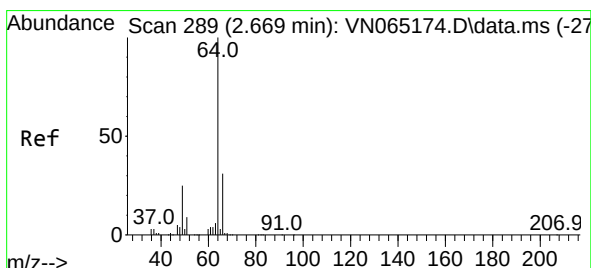
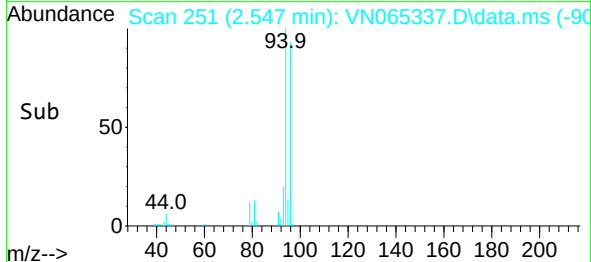
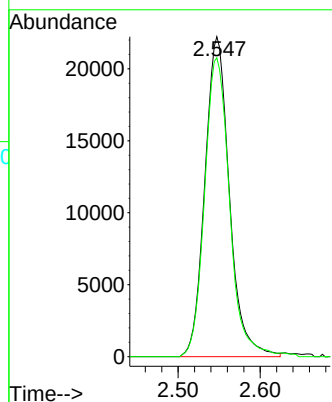
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01



Tgt Ion: 94 Resp: 46204  
Ion Ratio Lower Upper  
94 100  
96 93.4 79.3 118.9

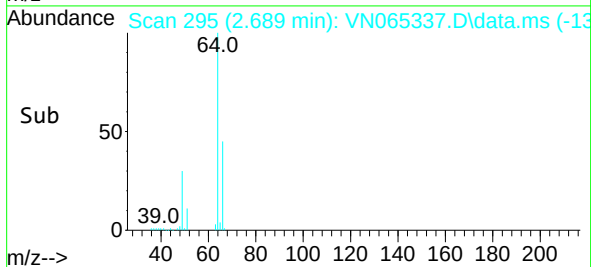
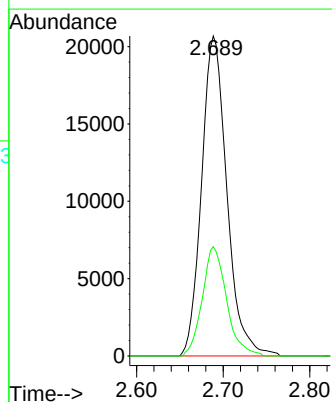
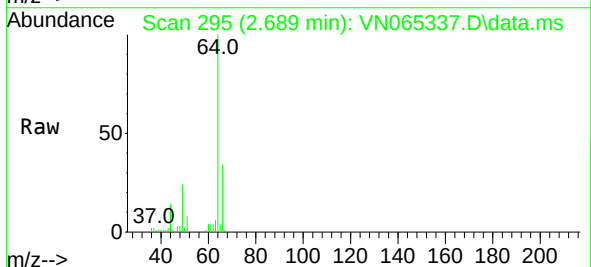
Manual Integrations  
APPROVED

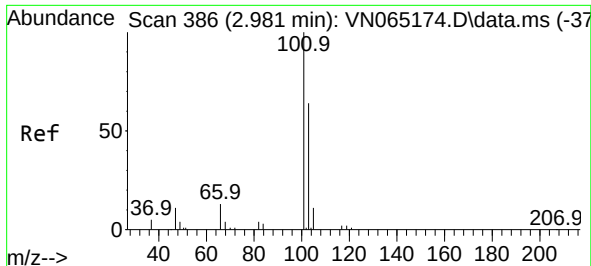
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1/4/2021 9:29:23 AM



#6  
Chloroethane  
Concen: 19.39 ug/l  
RT: 2.689 min Scan# 295  
Delta R.T. 0.019 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 64 Resp: 42009  
Ion Ratio Lower Upper  
64 100  
66 34.1 26.0 39.0





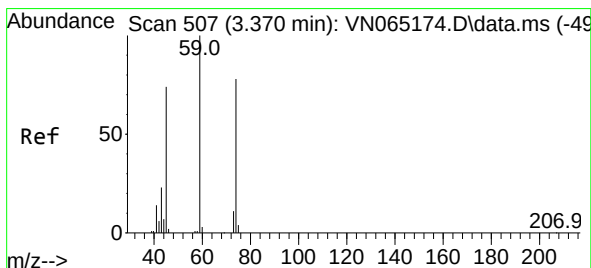
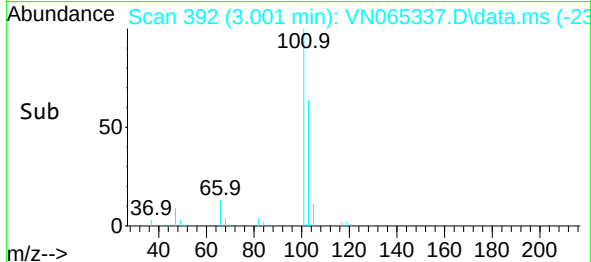
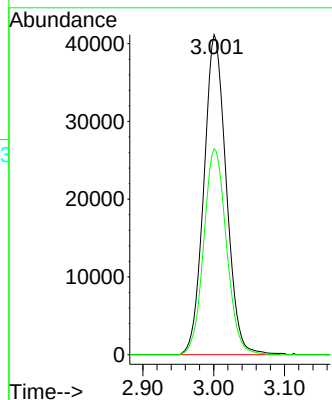
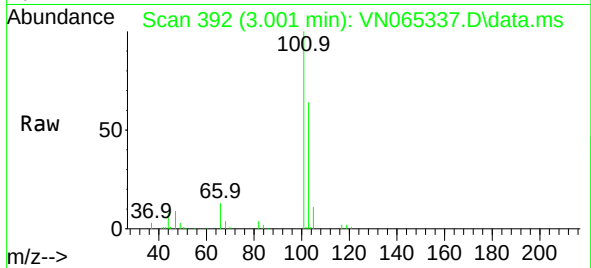
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Trichlorofluoromethane  
Concen: 18.33 ug/l  
RT: 3.001 min Scan# 392  
Delta R.T. 0.019 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:101 Resp: 90236  
Ion Ratio Lower Upper  
101 100  
103 64.4 49.3 73.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

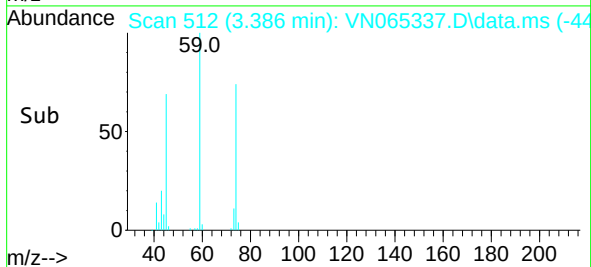
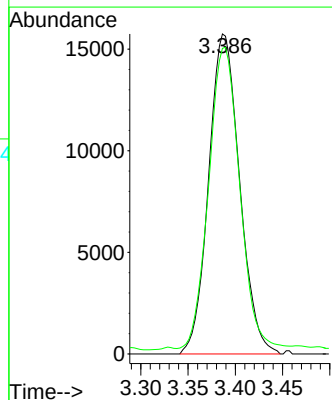
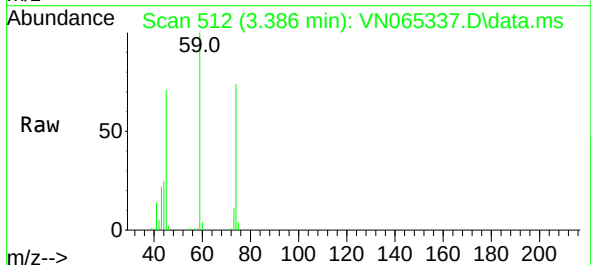
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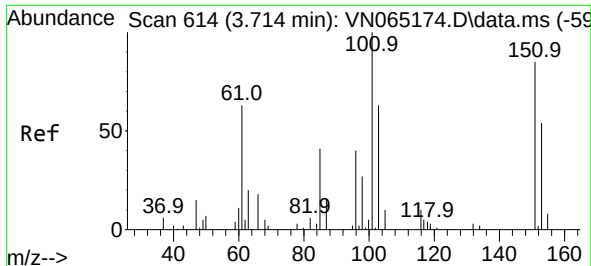
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#8  
Diethyl Ether  
Concen: 20.00 ug/l  
RT: 3.386 min Scan# 512  
Delta R.T. 0.016 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 74 Resp: 35888  
Ion Ratio Lower Upper  
74 100  
45 93.9 22.1 198.5





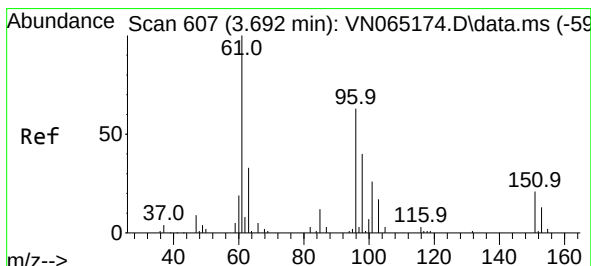
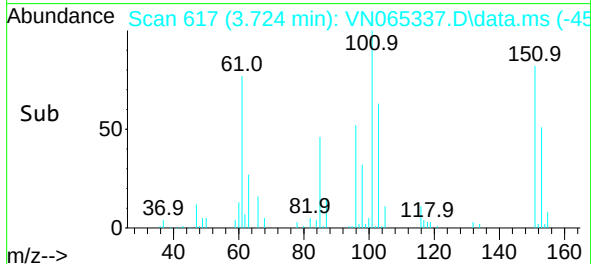
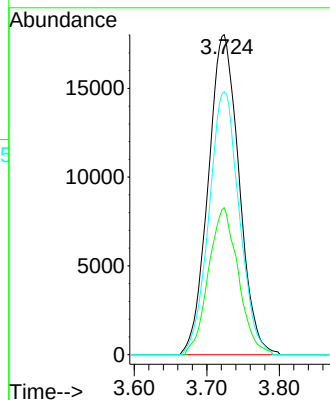
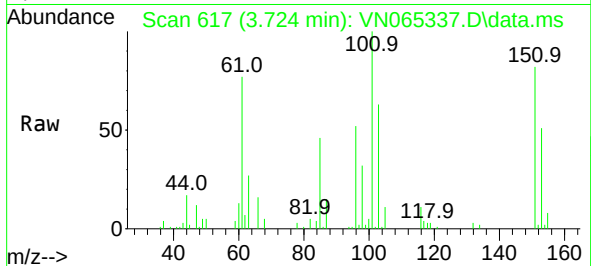
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.44 ug/l  
RT: 3.724 min Scan# 617  
Delta R.T. 0.010 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 101 Resp: 53138  
Ion Ratio Lower Upper  
101 100  
85 44.4 0.0 49.0  
151 81.0 0.0 80.2#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

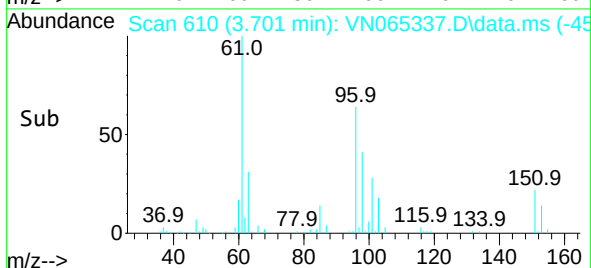
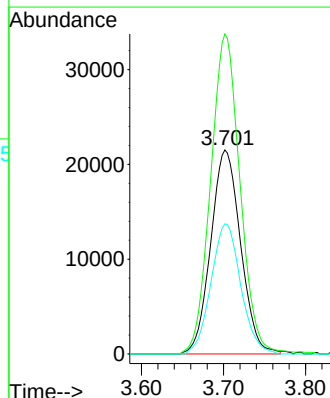
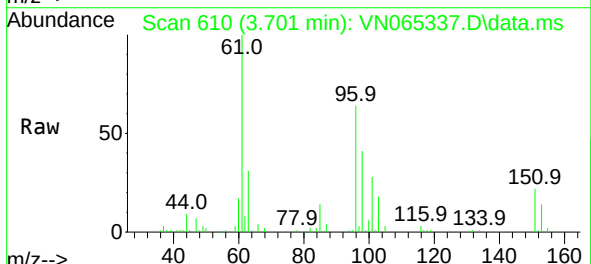
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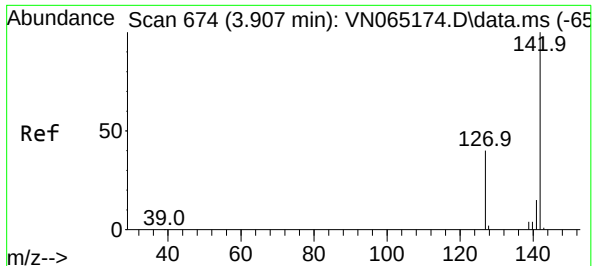


#10  
1,1-Dichloroethene  
Concen: 19.65 ug/l  
RT: 3.701 min Scan# 610  
Delta R.T. 0.010 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

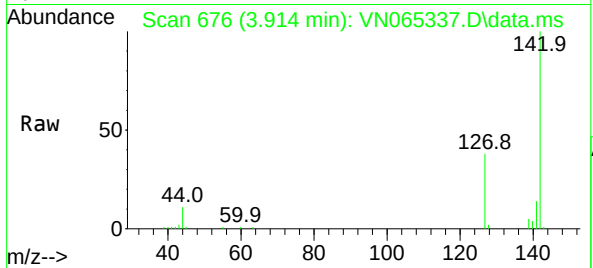
Tgt Ion: 96 Resp: 54456  
Ion Ratio Lower Upper  
96 100  
61 156.9 149.2 223.8  
98 63.7 49.6 74.4



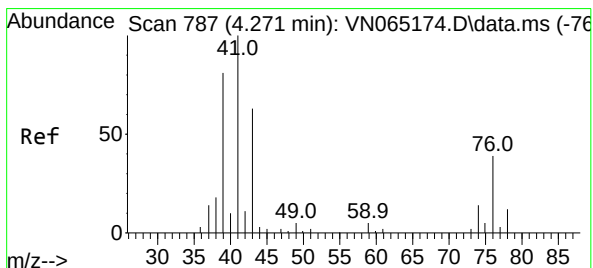
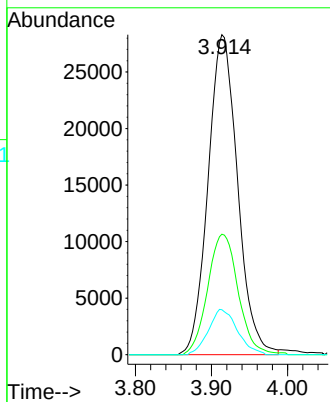
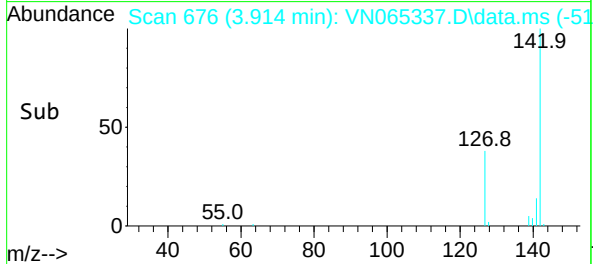




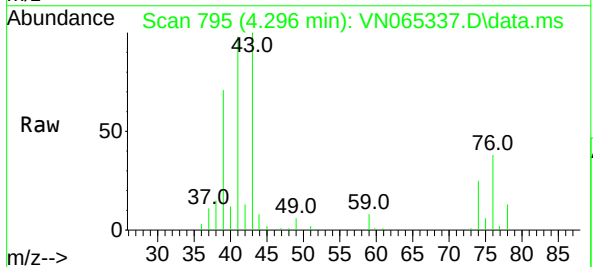
#11  
Methyl Iodide  
Concen: 18.55 ug/l  
RT: 3.914 min Scan# 676  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



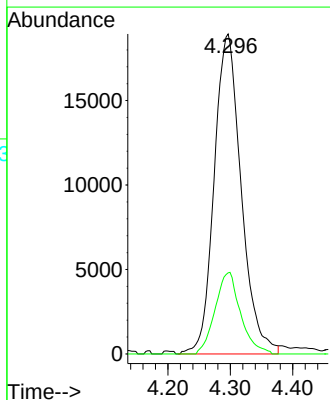
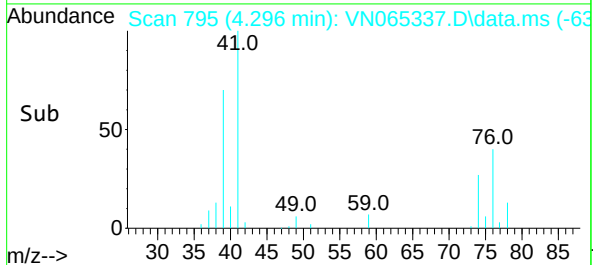
Tgt Ion: 142 Resp: 76203  
Ion Ratio Lower Upper  
142 100  
127 37.7 24.7 74.1  
141 14.2 7.8 23.3



#12  
Methyl Acetate  
Concen: 19.85 ug/l  
RT: 4.296 min Scan# 795  
Delta R.T. 0.026 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



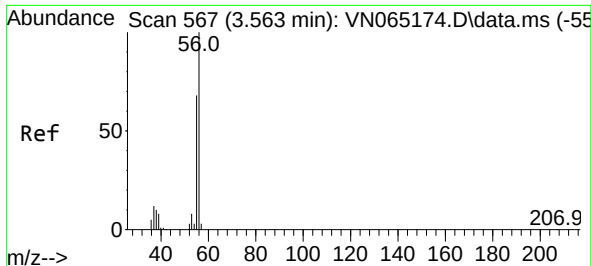
Tgt Ion: 43 Resp: 57062  
Ion Ratio Lower Upper  
43 100  
74 25.7 17.7 26.5



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

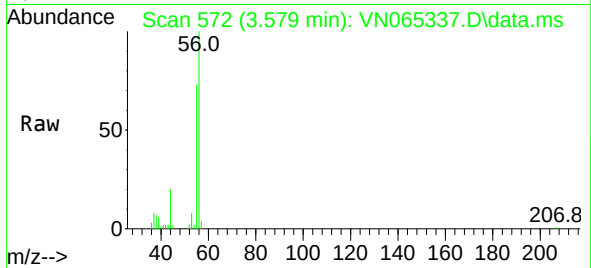
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#13  
Acrolein  
Concen: 114.24 ug/l  
RT: 3.579 min Scan# 572  
Delta R.T. 0.016 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

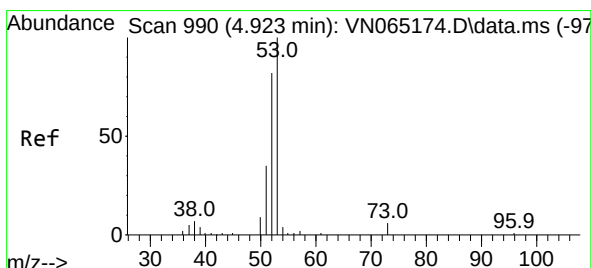
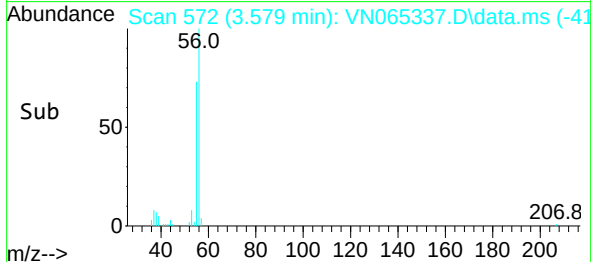
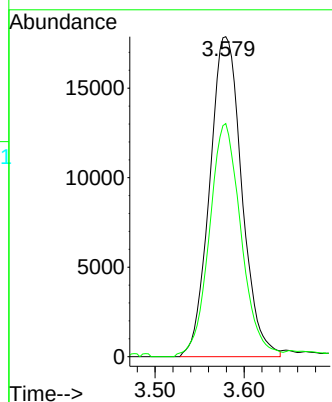
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01



Tgt Ion: 56 Resp: 44793  
Ion Ratio Lower Upper  
56 100  
55 71.8 58.2 87.2

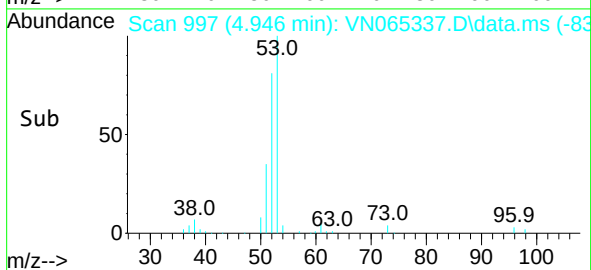
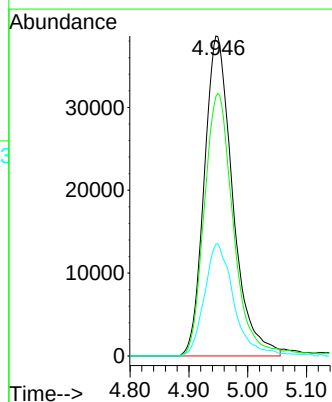
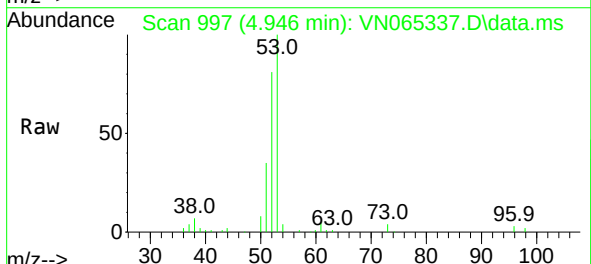
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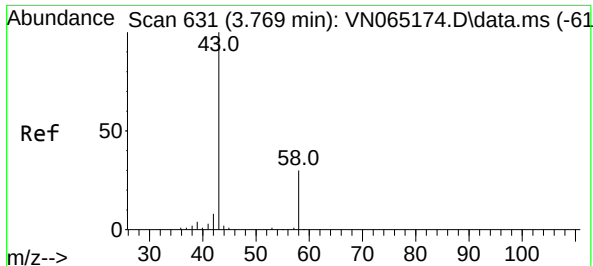
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#14  
Acrylonitrile  
Concen: 96.48 ug/l  
RT: 4.946 min Scan# 997  
Delta R.T. 0.022 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 53 Resp: 129542  
Ion Ratio Lower Upper  
53 100  
52 82.7 41.3 124.1  
51 36.0 18.9 56.5





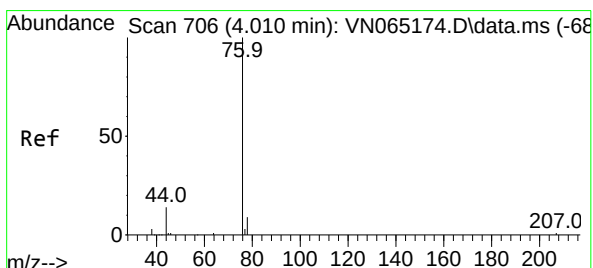
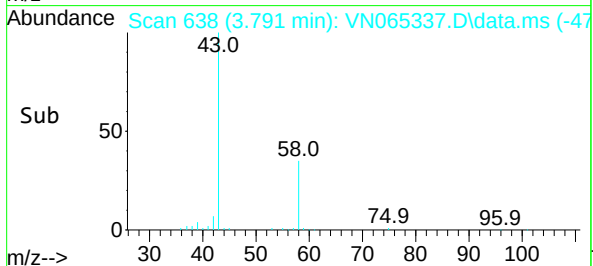
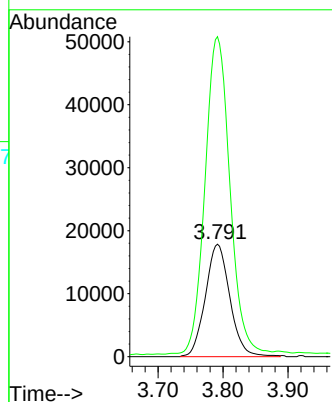
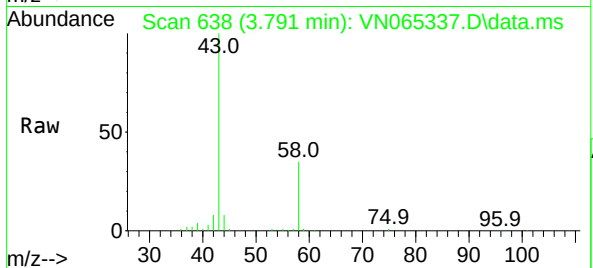
#15  
Acetone  
Concen: 110.20 ug/l  
RT: 3.791 min Scan# 638  
Delta R.T. 0.022 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 58 Resp: 46855  
Ion Ratio Lower Upper  
58 100  
43 281.4 289.8 434.8#

Instrument :  
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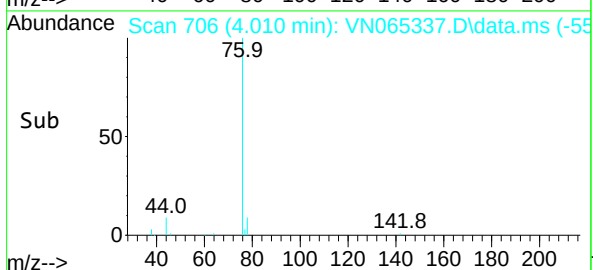
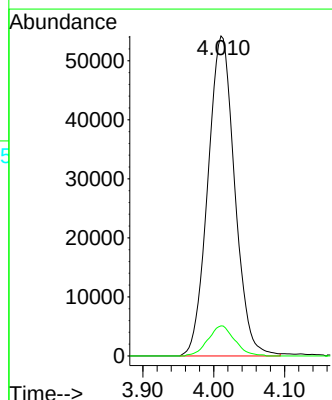
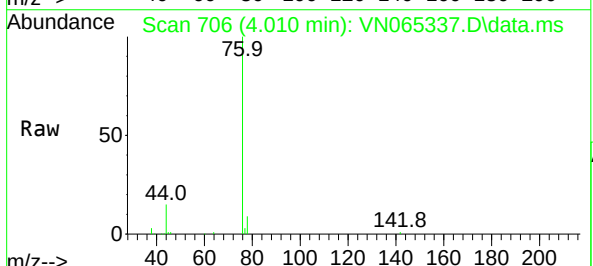
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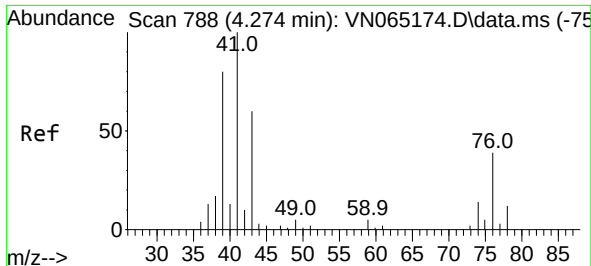
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#16  
Carbon Disulfide  
Concen: 17.83 ug/l  
RT: 4.010 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 76 Resp: 142661  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.6 11.4





#17

Allyl chloride

Concen: 17.34 ug/l

RT: 4.280 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN065337.D

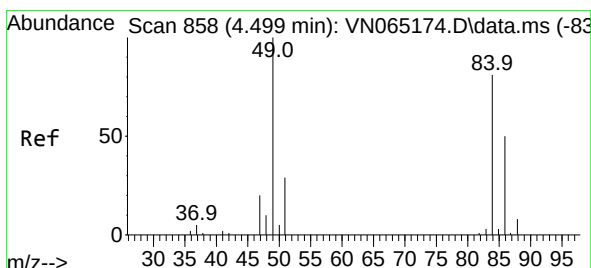
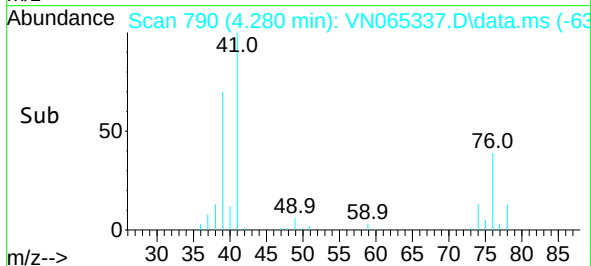
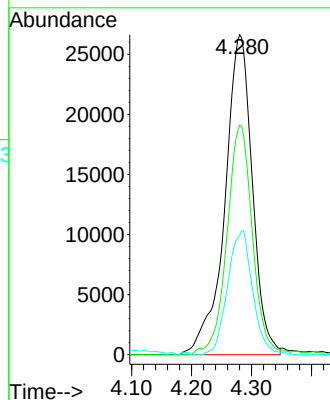
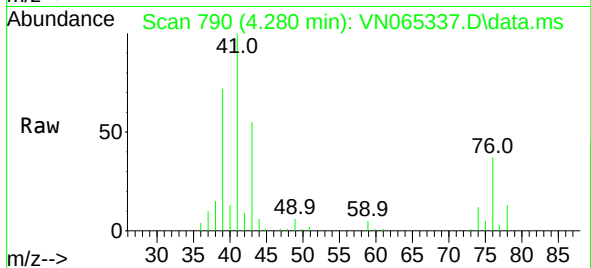
Acq: 31 Dec 2020 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 84885 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 71.7  | 40.3  | 120.8 |
| 76       | 37.3  | 16.8  | 50.3  |

Instrument :  
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#18

Methylene Chloride

Concen: 18.96 ug/l

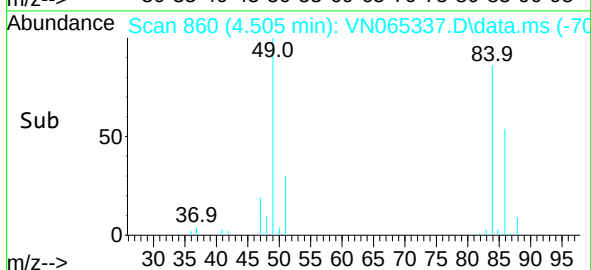
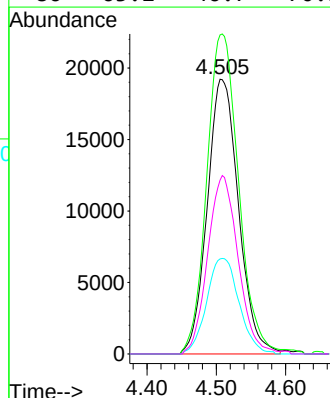
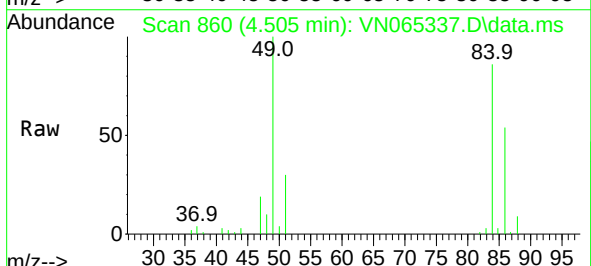
RT: 4.505 min Scan# 860

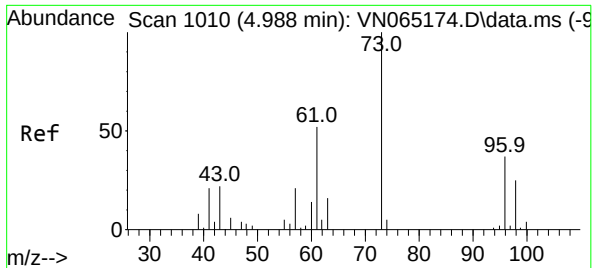
Delta R.T. 0.006 min

Lab File: VN065337.D

Acq: 31 Dec 2020 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 60181 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 116.2 | 102.1 | 153.1 |
| 51       | 34.6  | 32.6  | 48.8  |
| 86       | 63.2  | 46.7  | 70.1  |





#19

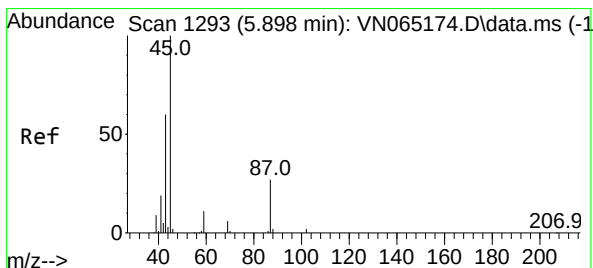
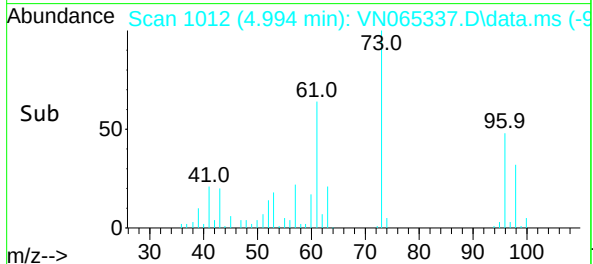
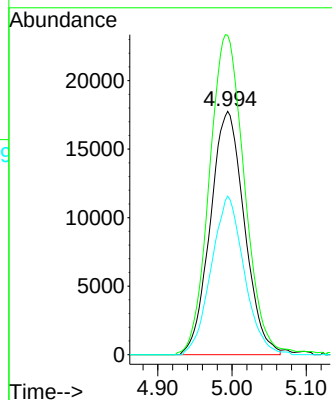
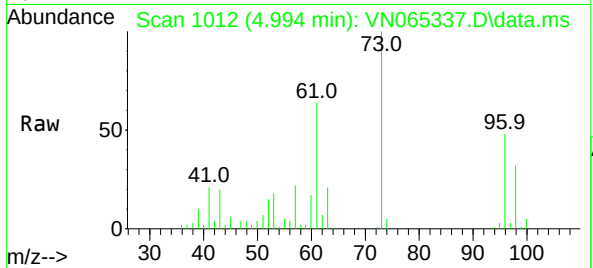
trans-1,2-Dichloroethene  
Concen: 18.61 ug/l  
RT: 4.994 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 56652 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.1 | 120.1 | 180.1 |
| 98       | 65.1  | 49.1  | 73.7  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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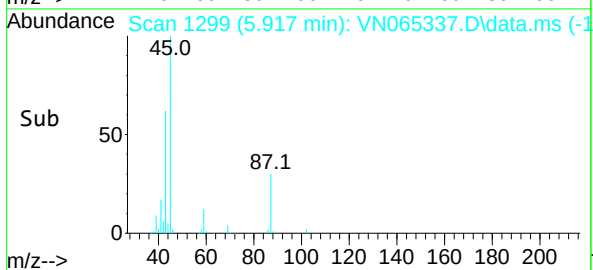
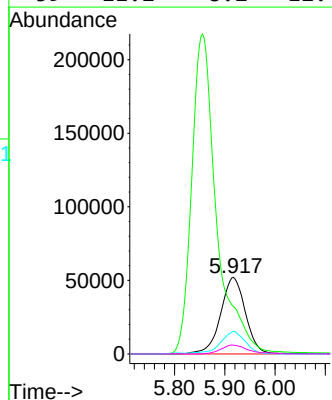
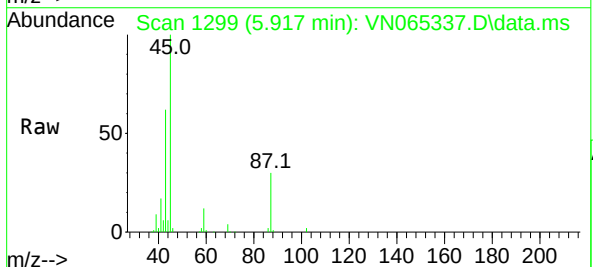
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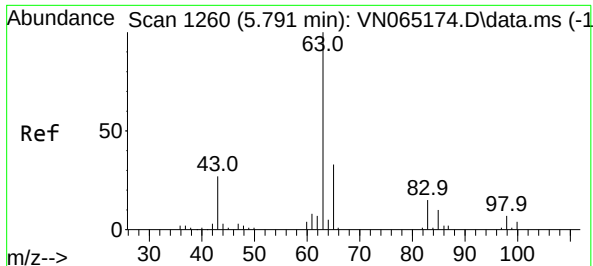


#20

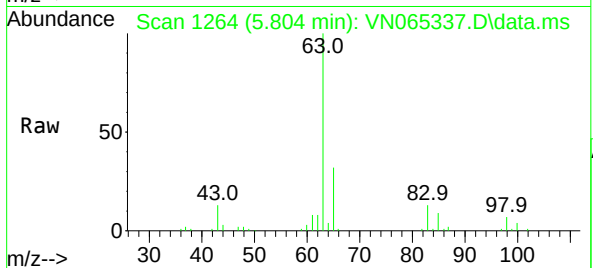
Diisopropyl ether  
Concen: 18.20 ug/l  
RT: 5.917 min Scan# 1299  
Delta R.T. 0.019 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 178515 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.9  | 53.1  | 79.7   |
| 87       | 29.6  | 21.0  | 31.6   |
| 59       | 11.2  | 8.2   | 12.4   |

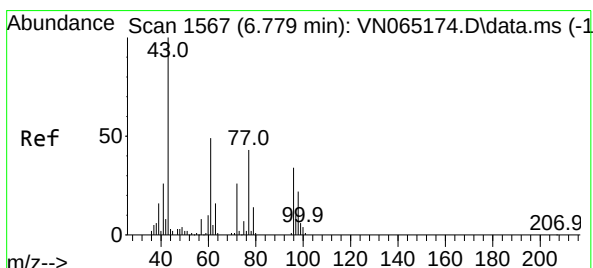
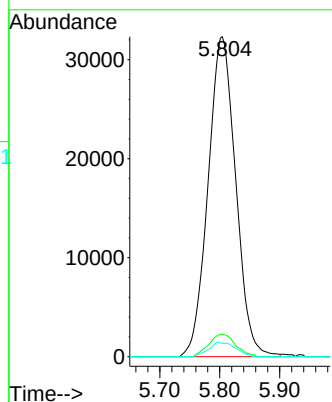
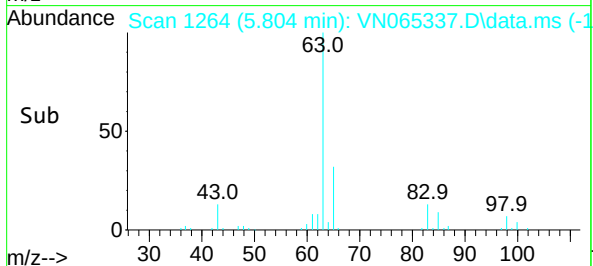




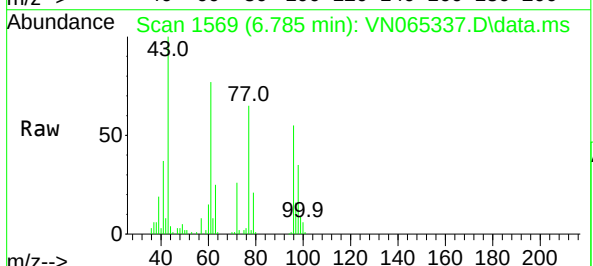
#21  
1,1-Dichloroethane  
Concen: 18.79 ug/l  
RT: 5.804 min Scan# 1264  
Delta R.T. 0.013 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



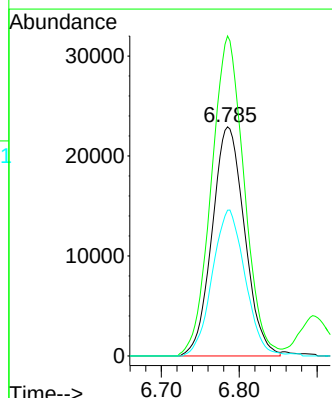
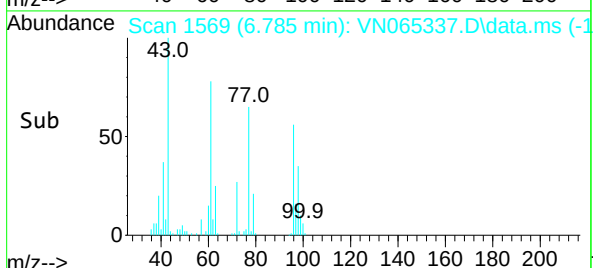
Tgt Ion: 63 Resp: 103531  
Ion Ratio Lower Upper  
63 100  
98 7.0 2.6 8.0  
100 4.2 1.7 5.1



#22  
cis-1,2-Dichloroethene  
Concen: 18.96 ug/l  
RT: 6.785 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



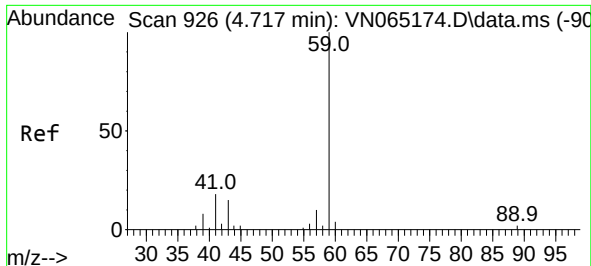
Tgt Ion: 96 Resp: 66342  
Ion Ratio Lower Upper  
96 100  
61 140.6 136.1 204.1  
98 64.2 51.8 77.8



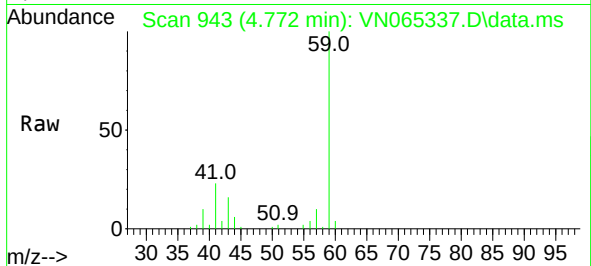
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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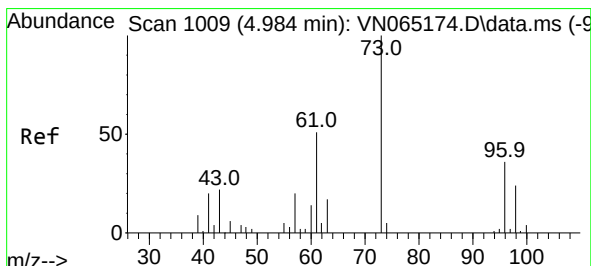
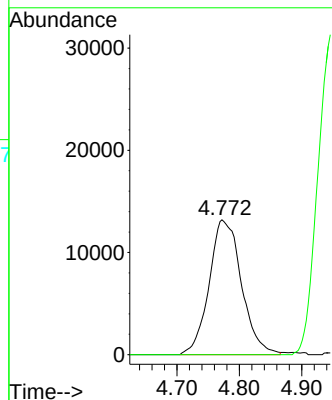
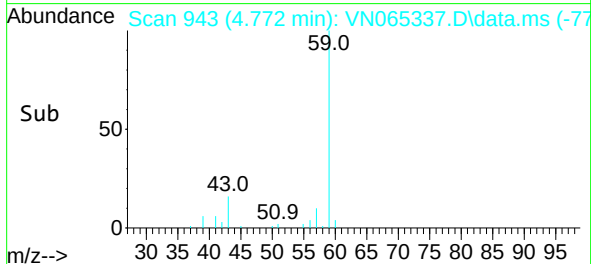
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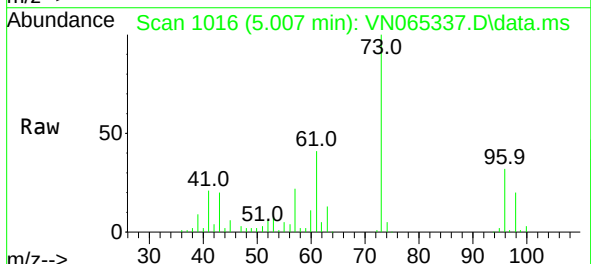
#23  
tert-Butyl Alcohol  
Concen: 83.47 ug/l  
RT: 4.772 min Scan# 943  
Delta R.T. 0.055 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



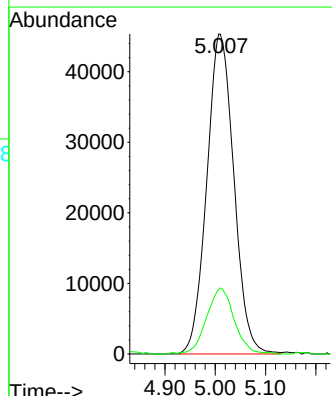
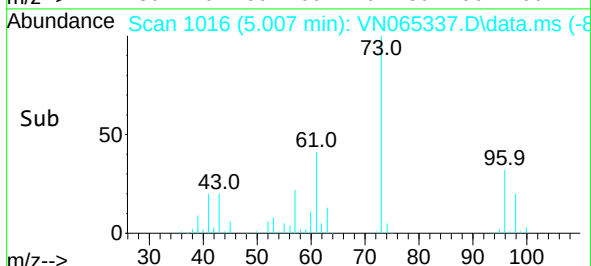
Tgt Ion: 59 Resp: 47549  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 17.53 ug/l  
RT: 5.007 min Scan# 1016  
Delta R.T. 0.023 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



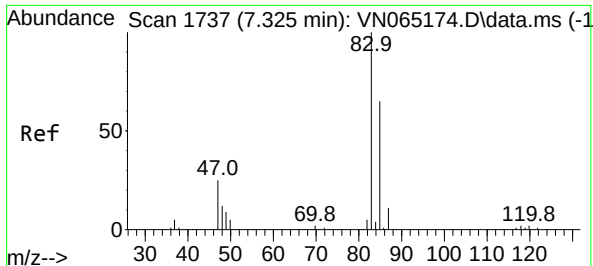
Tgt Ion: 73 Resp: 169669  
Ion Ratio Lower Upper  
73 100  
43 20.8 10.2 15.2#



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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#25

Chloroform

Concen: 18.52 ug/l

RT: 7.332 min Scan# 1739

Delta R.T. 0.006 min

Lab File: VN065337.D

Acq: 31 Dec 2020 10:44

Tgt Ion: 83 Resp: 105254

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

Instrument :

MSVOA\_N

ClientSampleId :

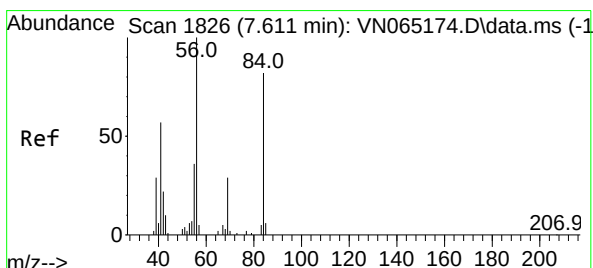
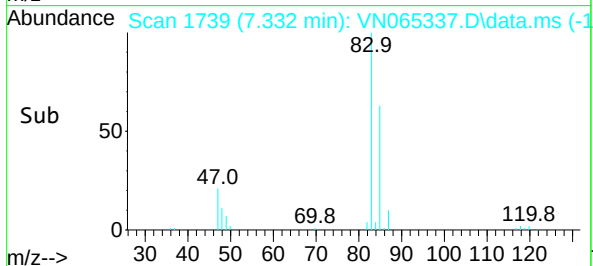
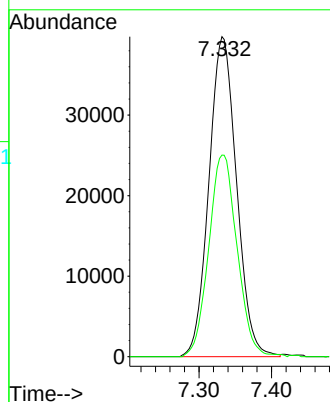
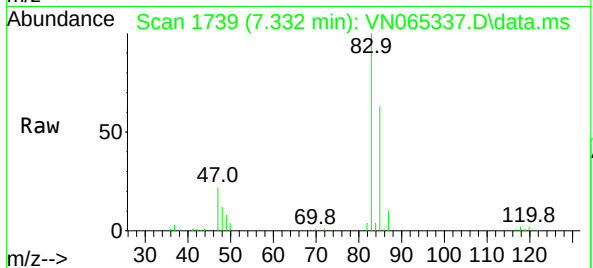
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#26

Cyclohexane

Concen: 17.91 ug/l

RT: 7.614 min Scan# 1827

Delta R.T. 0.003 min

Lab File: VN065337.D

Acq: 31 Dec 2020 10:44

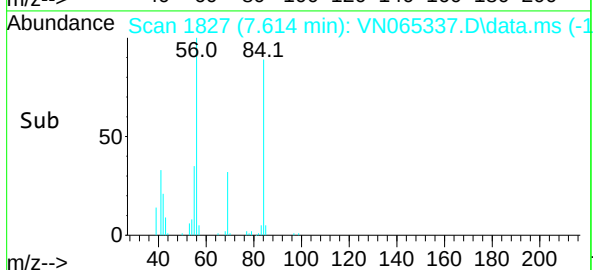
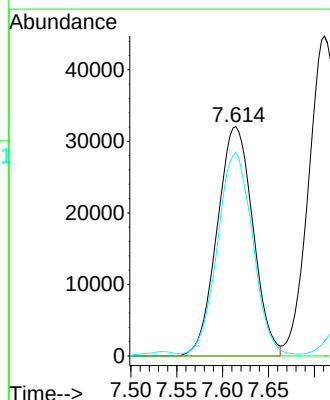
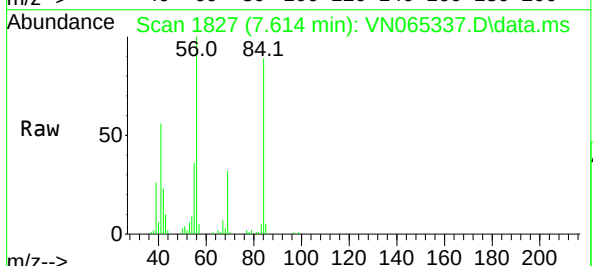
Tgt Ion: 56 Resp: 87138

Ion Ratio Lower Upper

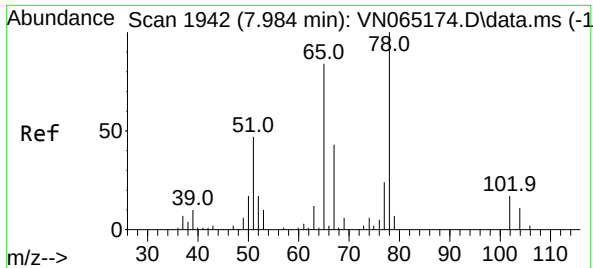
56 100

89 0.0 0.6 0.8#

84 88.3 66.1 99.1







#27

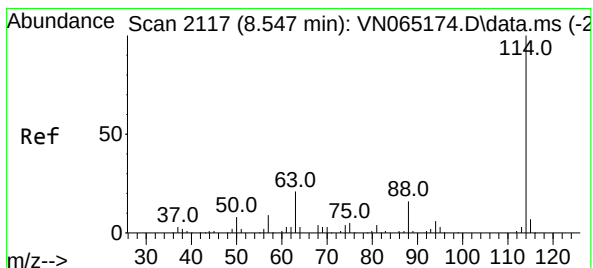
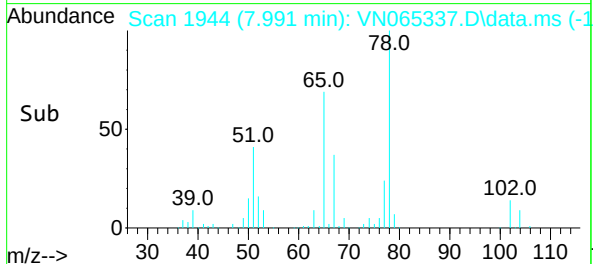
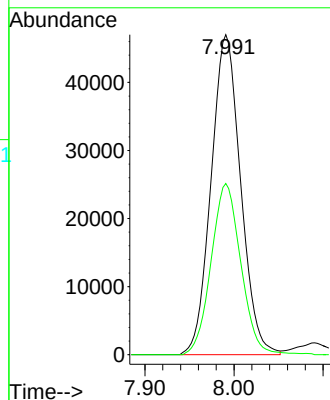
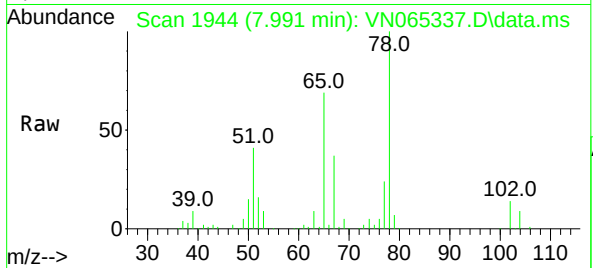
1,2-Dichloroethane-d4  
Concen: 28.69 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 65 Resp: 108274  
Ion Ratio Lower Upper  
65 100  
67 53.8 41.1 61.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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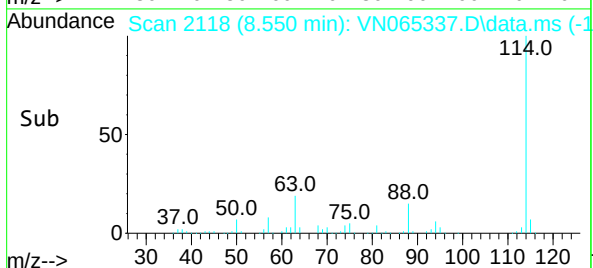
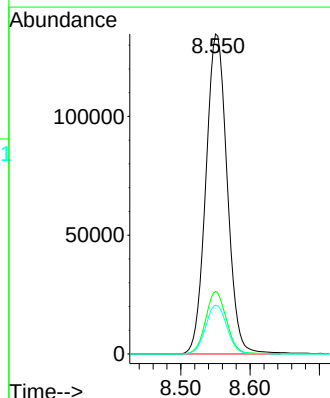
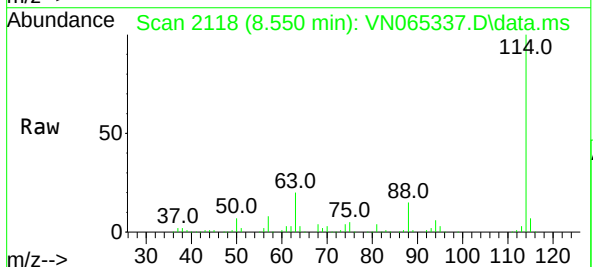
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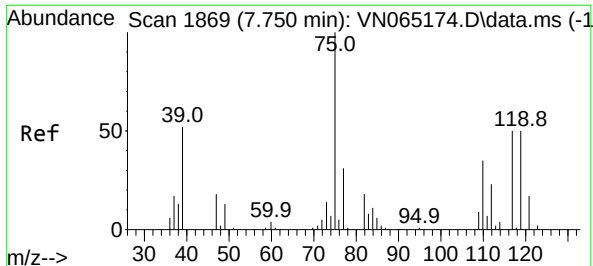


#28

1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 114 Resp: 287144  
Ion Ratio Lower Upper  
114 100  
63 19.1 18.5 27.7  
88 15.4 13.0 19.6





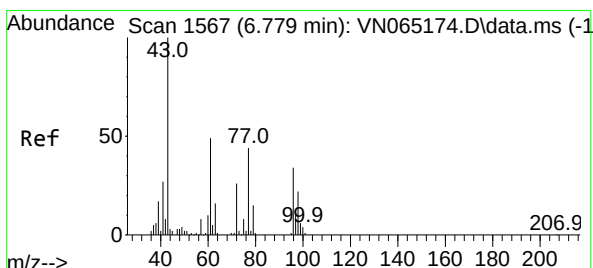
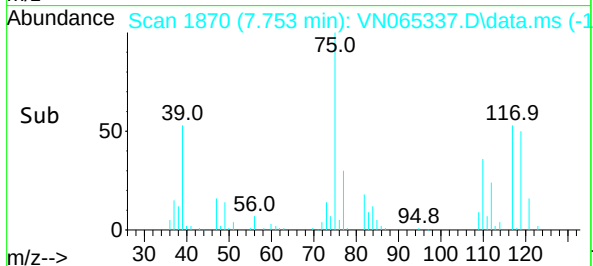
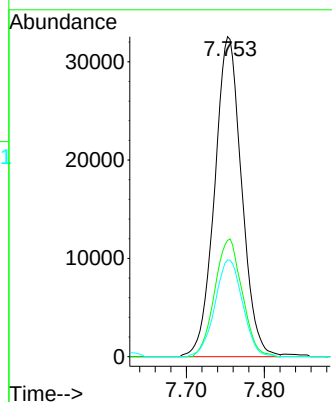
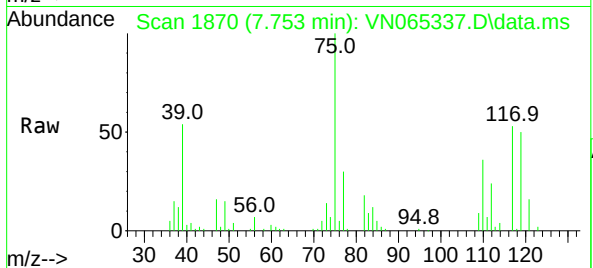
#29  
1,1-Dichloropropene  
Concen: 18.46 ug/l  
RT: 7.753 min Scan# 1870  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 75 Resp: 78312  
Ion Ratio Lower Upper  
75 100  
110 37.3 0.0 66.4  
77 30.9 0.0 62.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

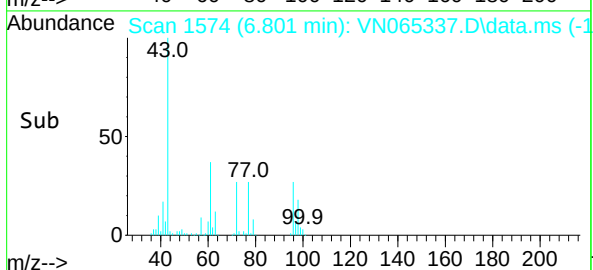
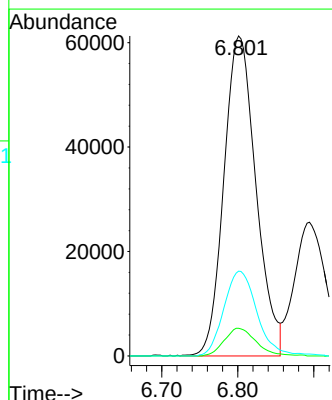
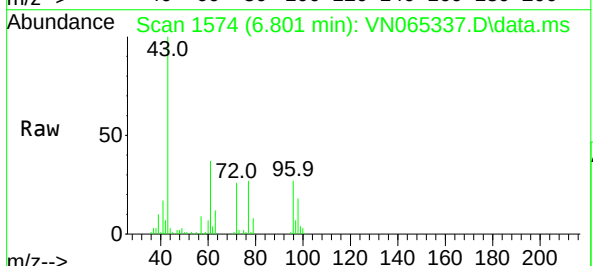
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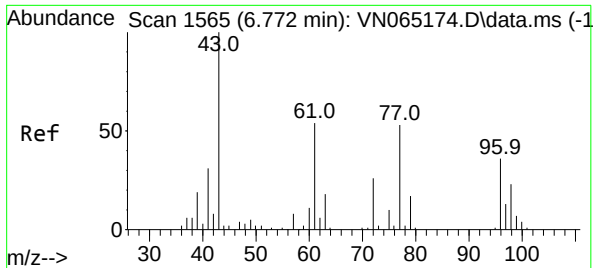
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#30  
2-Butanone  
Concen: 92.91 ug/l  
RT: 6.801 min Scan# 1574  
Delta R.T. 0.022 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 43 Resp: 179701  
Ion Ratio Lower Upper  
43 100  
57 8.6 6.2 9.4  
72 27.1 9.9 14.9#





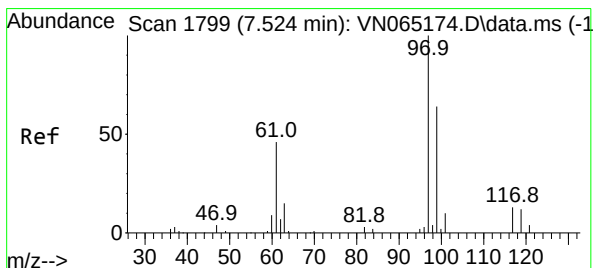
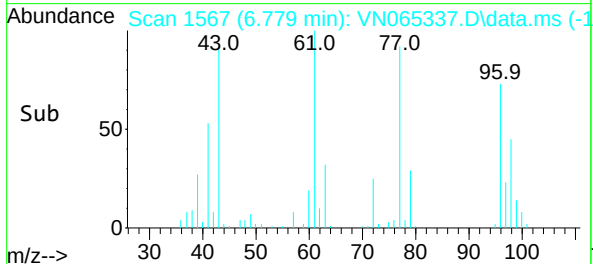
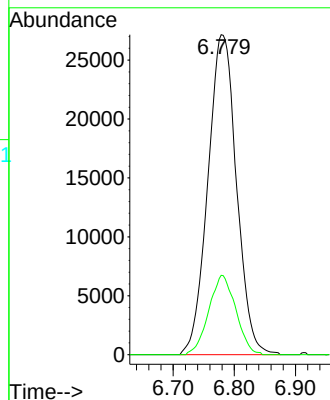
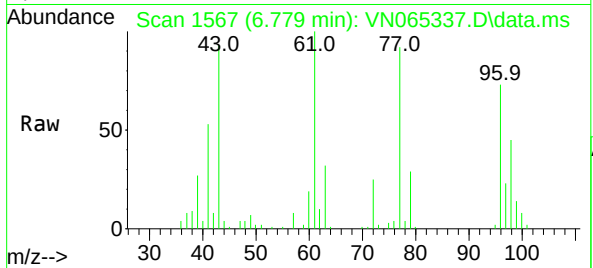
#31  
2,2-Dichloropropane  
Concen: 17.01 ug/l  
RT: 6.779 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 77 Resp: 88430  
Ion Ratio Lower Upper  
77 100  
97 23.4 16.9 25.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

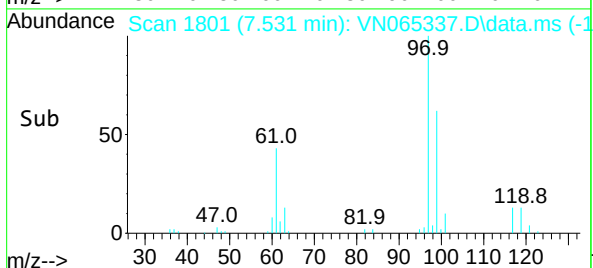
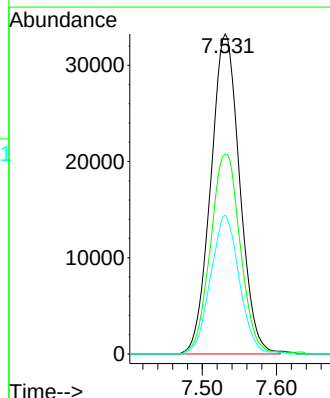
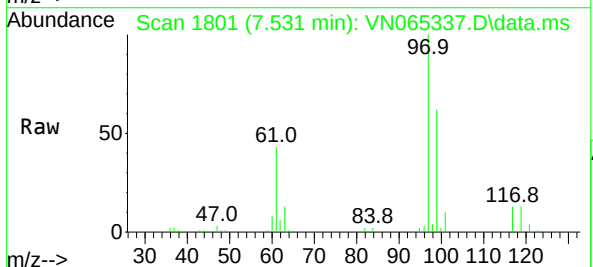
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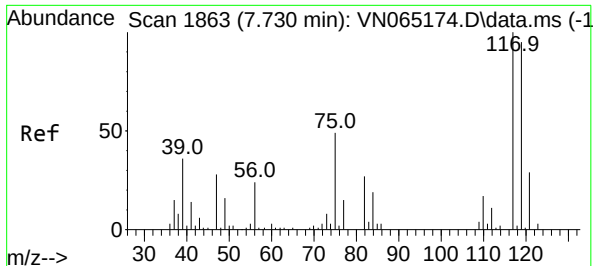
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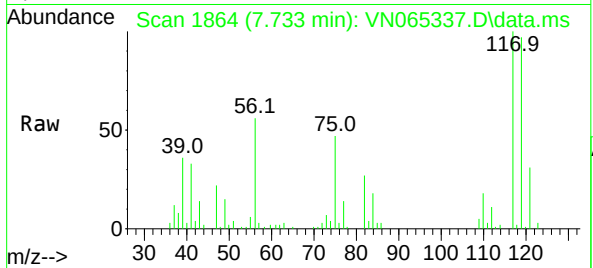
#32  
1,1,1-Trichloroethane  
Concen: 17.63 ug/l  
RT: 7.531 min Scan# 1801  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 97 Resp: 90051  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.8 77.8  
61 42.8 39.4 59.0

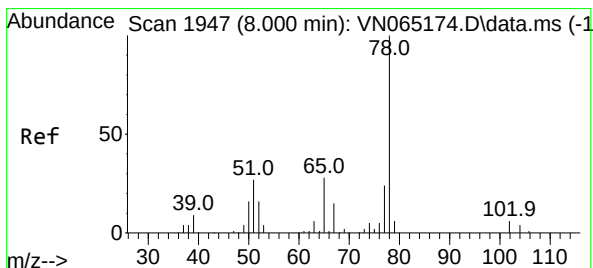
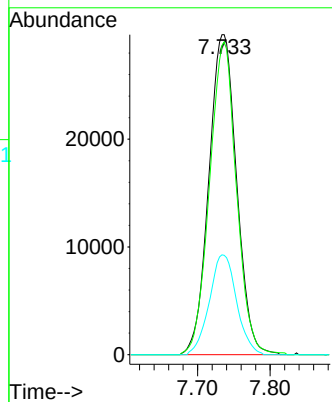
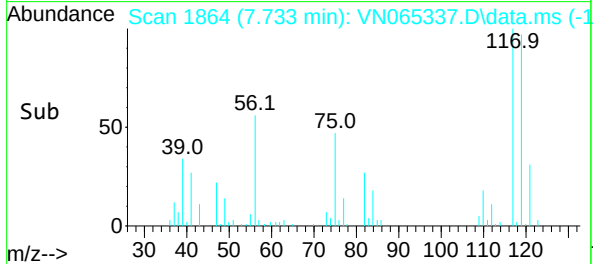




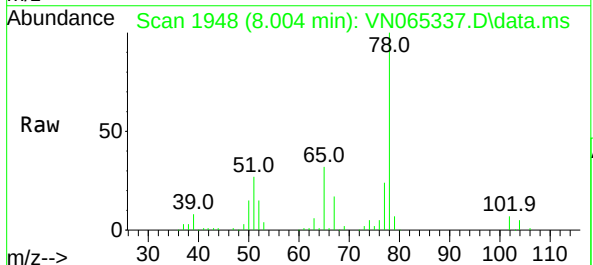
#33  
Carbon Tetrachloride  
Concen: 17.59 ug/l  
RT: 7.733 min Scan# 1864  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



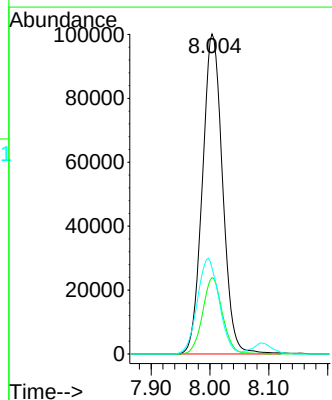
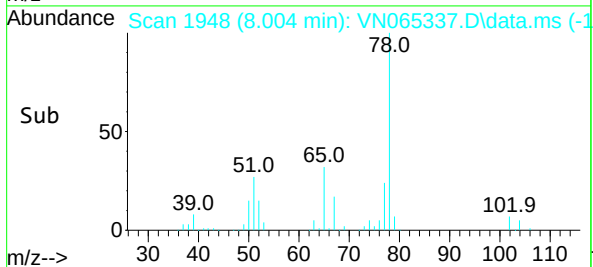
Tgt Ion: 117 Resp: 79078  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.9 116.9  
121 31.2 24.0 36.0



#34  
Benzene  
Concen: 19.06 ug/l  
RT: 8.004 min Scan# 1948  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



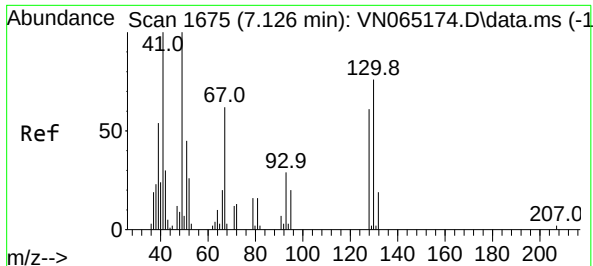
Tgt Ion: 78 Resp: 238310  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.9 28.3  
51 26.4 24.6 36.8



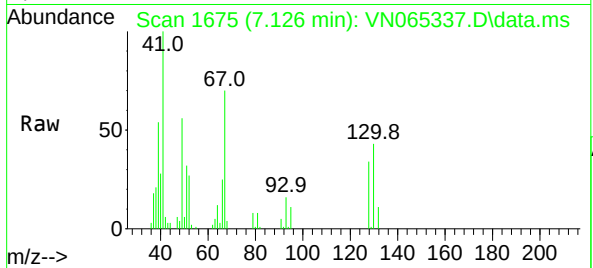
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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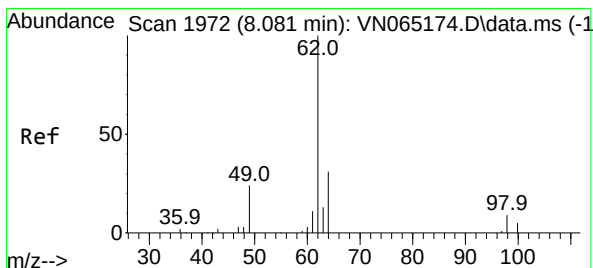
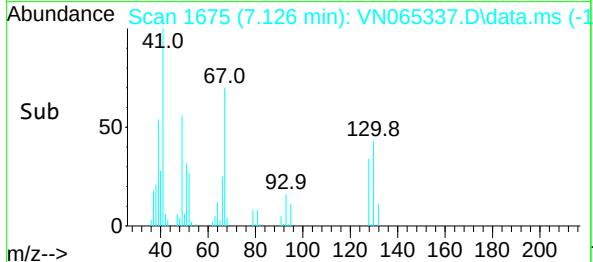
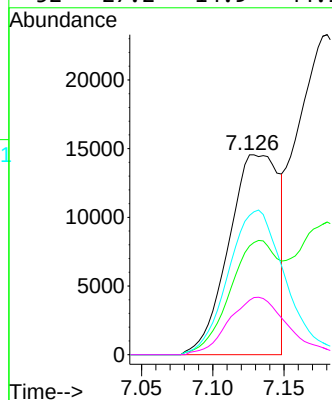
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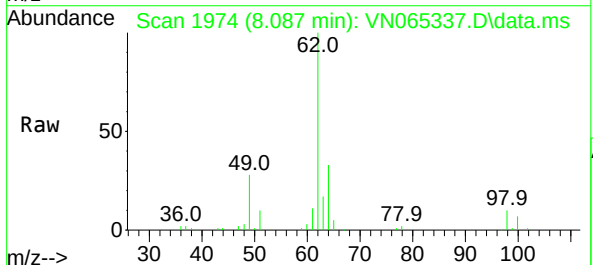
#35  
Methacrylonitrile  
Concen: 20.02 ug/l m  
RT: 7.126 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



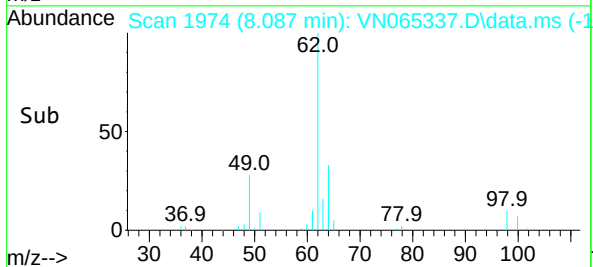
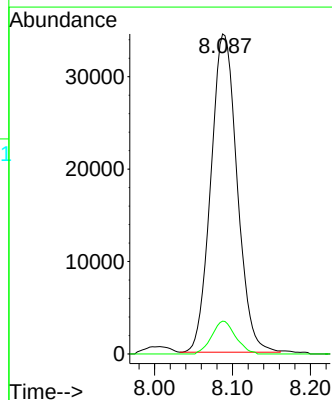
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 35751 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.3  | 30.0  | 90.1  |
| 67       | 69.7  | 29.2  | 87.6  |
| 52       | 27.2  | 14.9  | 44.9  |



#36  
1,2-Dichloroethane  
Concen: 17.44 ug/l  
RT: 8.087 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



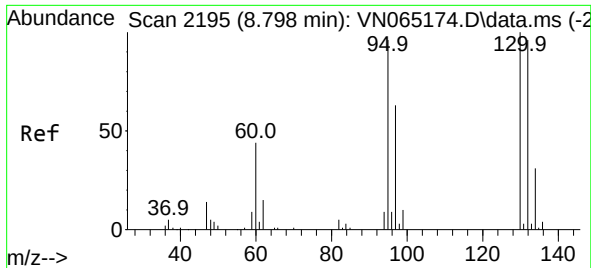
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 80734 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 5.5   | 8.3#  |



Instrument :  
MSVOA\_N  
ClientSampled :  
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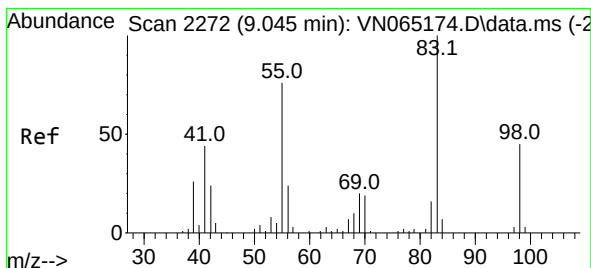
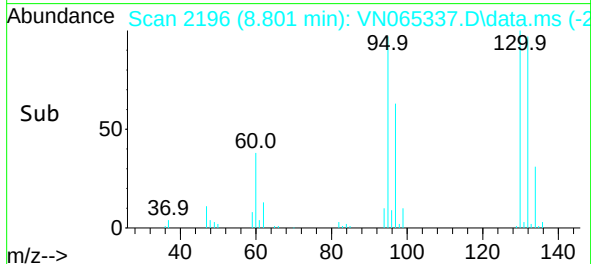
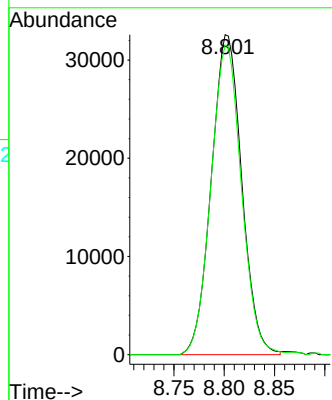
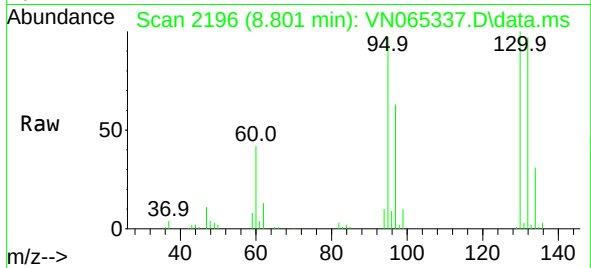
#37  
Trichloroethene  
Concen: 19.12 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:130 Resp: 68454  
Ion Ratio Lower Upper  
130 100  
95 96.8 85.1 127.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

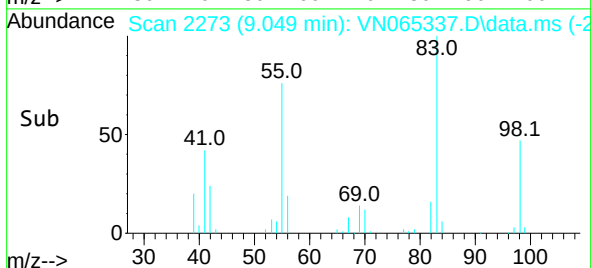
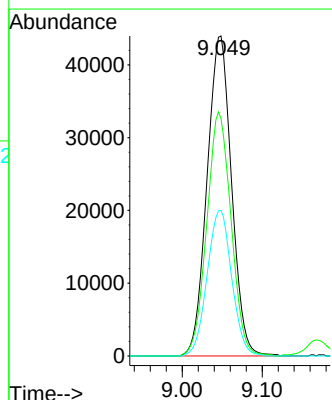
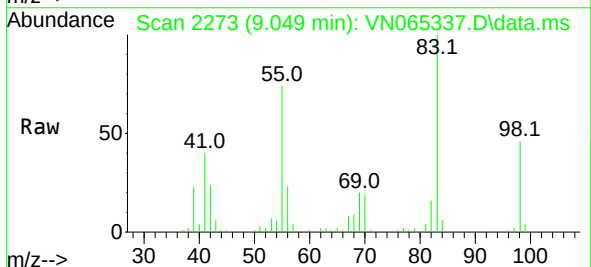
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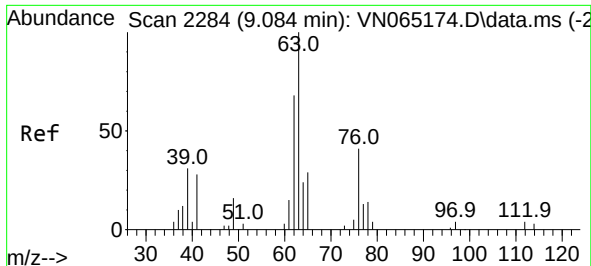
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#38  
Methylcyclohexane  
Concen: 17.98 ug/l  
RT: 9.049 min Scan# 2273  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 83 Resp: 93558  
Ion Ratio Lower Upper  
83 100  
55 75.8 42.0 126.1  
98 45.5 22.5 67.5





#39

1,2-Dichloropropane

Concen: 19.07 ug/l

RT: 9.087 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VN065337.D

Acq: 31 Dec 2020 10:44

Tgt Ion: 63 Resp: 62261

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6

Instrument :

MSVOA\_N

ClientSampleId :

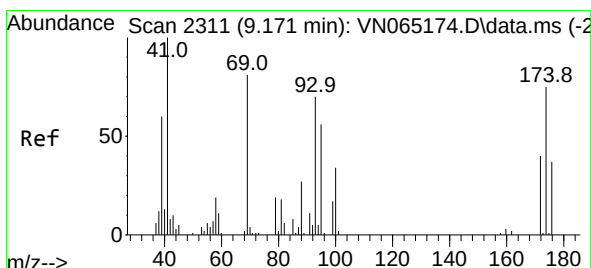
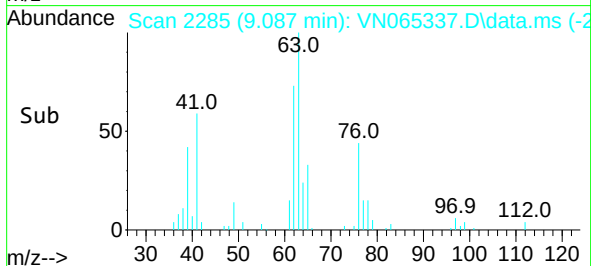
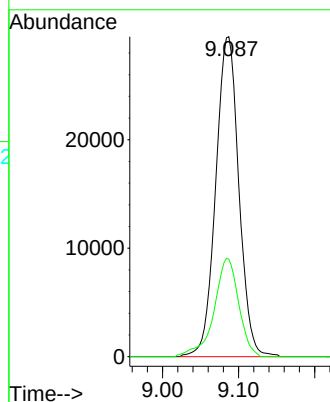
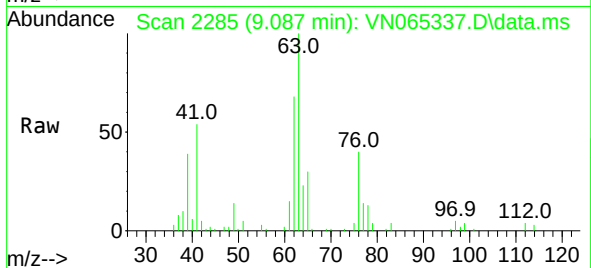
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#40

Dibromomethane

Concen: 18.67 ug/l

RT: 9.177 min Scan# 2313

Delta R.T. 0.006 min

Lab File: VN065337.D

Acq: 31 Dec 2020 10:44

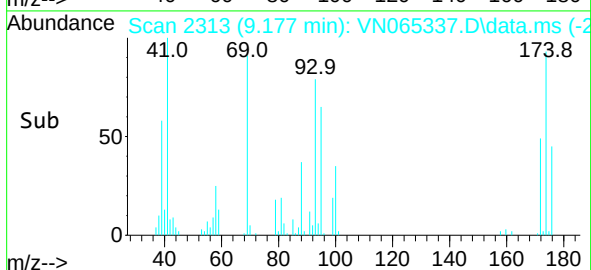
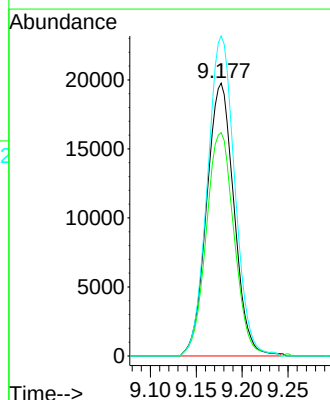
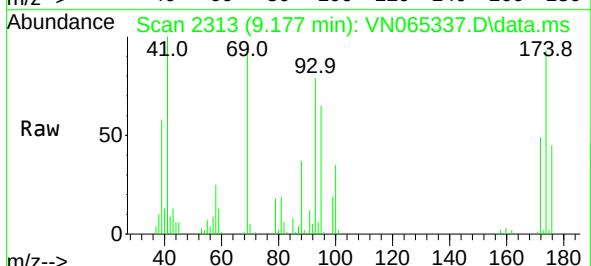
Tgt Ion: 93 Resp: 41081

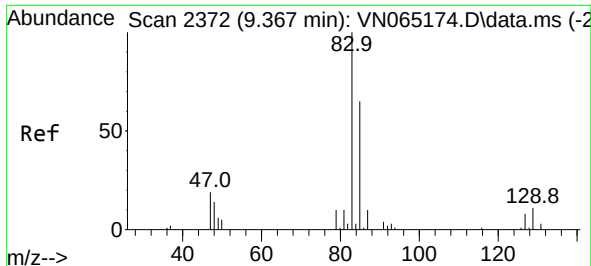
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.6

174 116.7 0.0 165.6





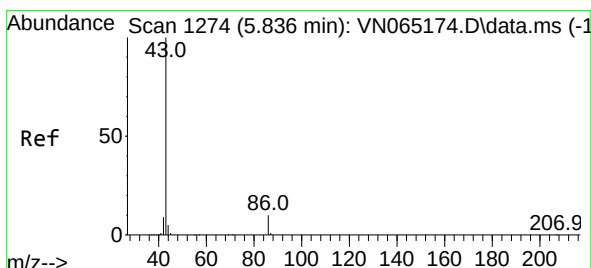
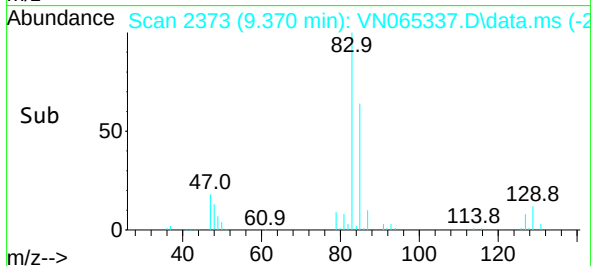
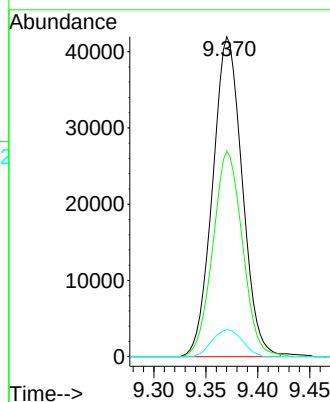
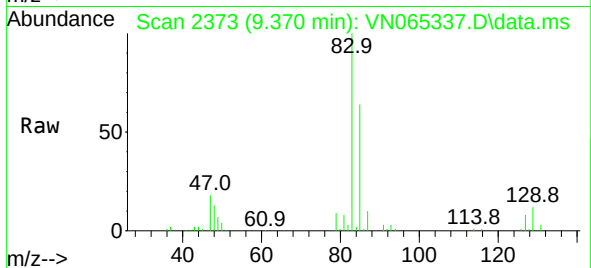
#41  
Bromodichloromethane  
Concen: 17.72 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 83 Resp: 82931  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.0 76.4  
127 8.5 6.2 9.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

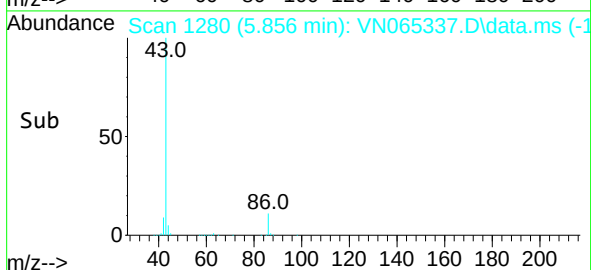
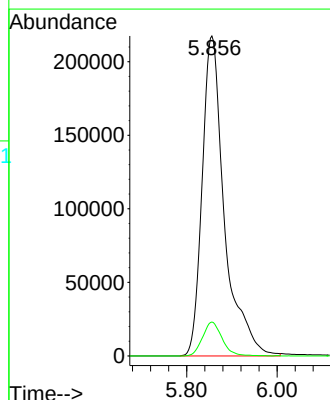
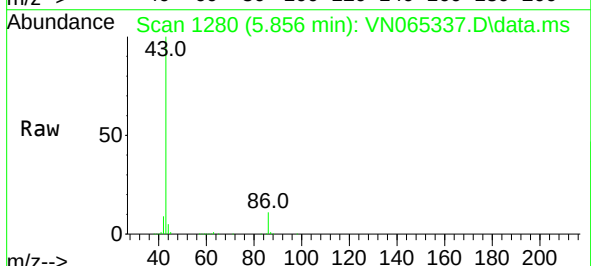
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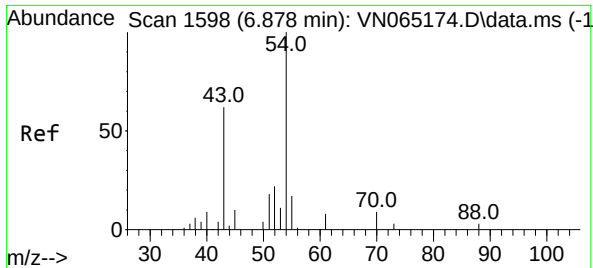


#42  
Vinyl Acetate  
Concen: 88.96 ug/l  
RT: 5.856 min Scan# 1280  
Delta R.T. 0.019 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 43 Resp: 745123  
Ion Ratio Lower Upper  
43 100  
86 9.3 6.3 9.5







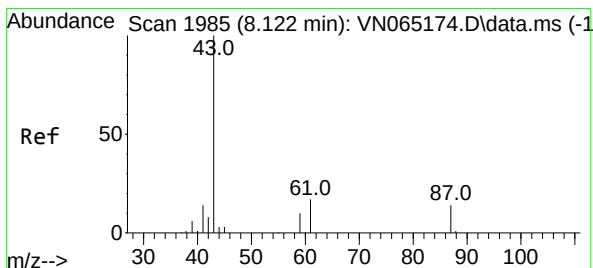
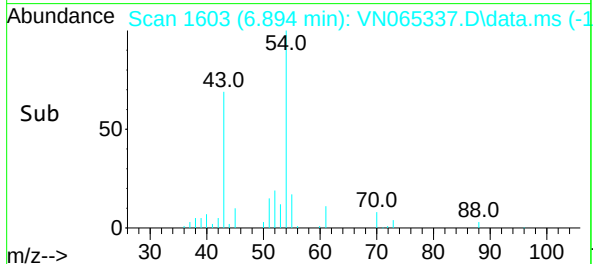
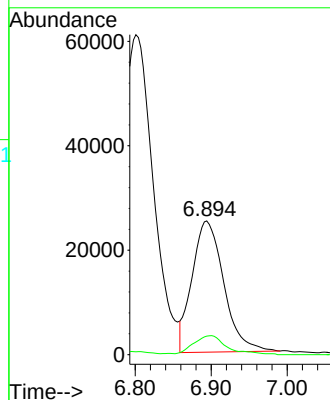
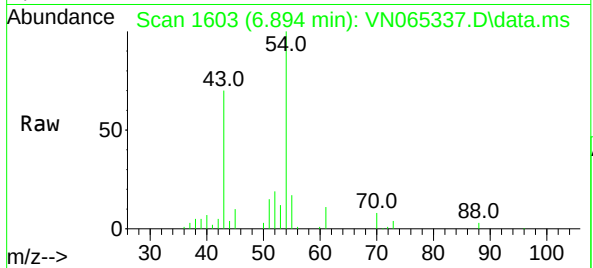
#43  
Ethyl Acetate  
Concen: 19.15 ug/l  
RT: 6.894 min Scan# 1603  
Delta R.T. 0.016 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 43 Resp: 72746  
Ion Ratio Lower Upper  
43 100  
45 12.5 10.9 16.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

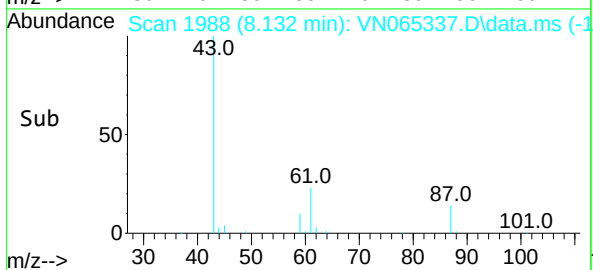
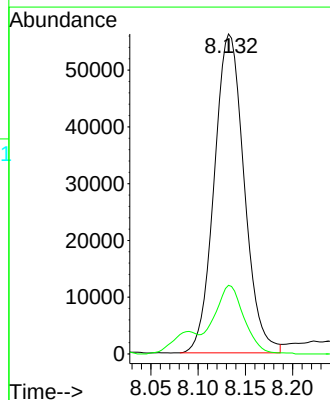
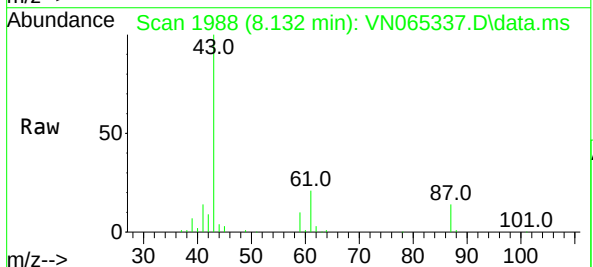
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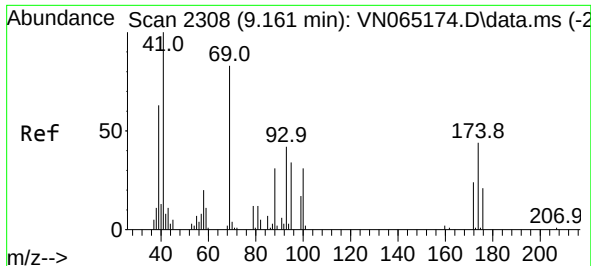
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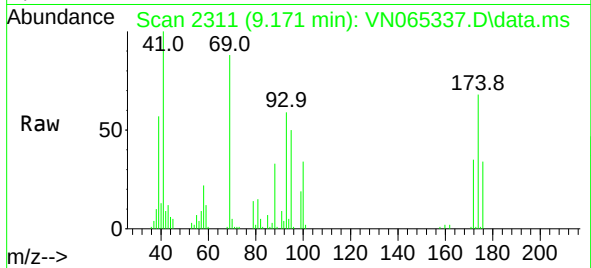
#44  
Isopropyl Acetate  
Concen: 17.30 ug/l  
RT: 8.132 min Scan# 1988  
Delta R.T. 0.010 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 43 Resp: 123913  
Ion Ratio Lower Upper  
43 100  
61 21.3 13.0 19.4#

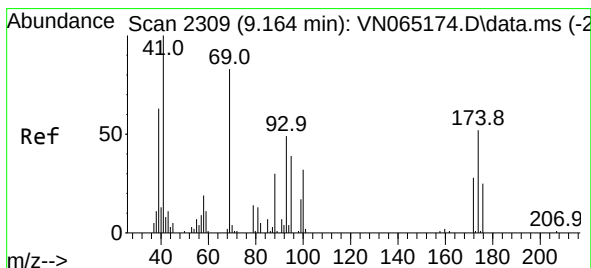
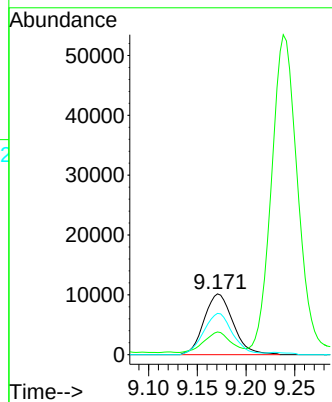
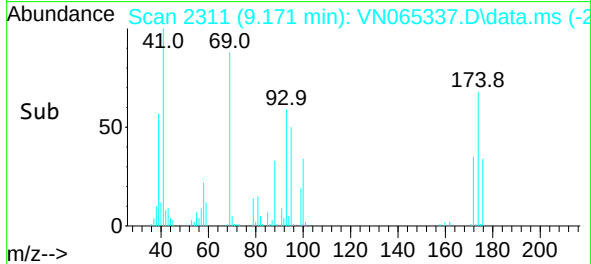




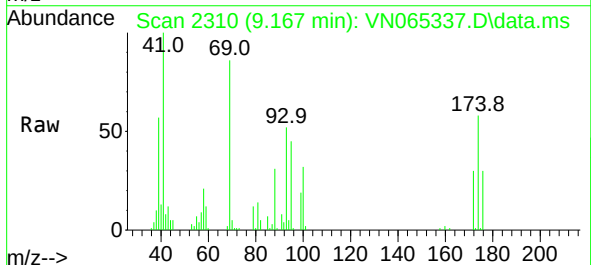
#45  
1,4-Dioxane  
Concen: 389.10 ug/l  
RT: 9.171 min Scan# 2311  
Delta R.T. 0.010 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



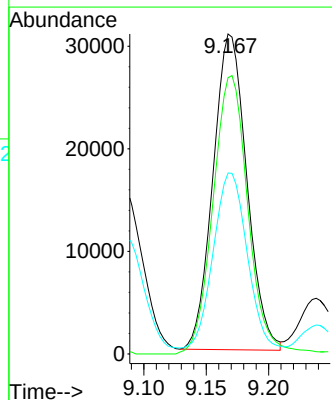
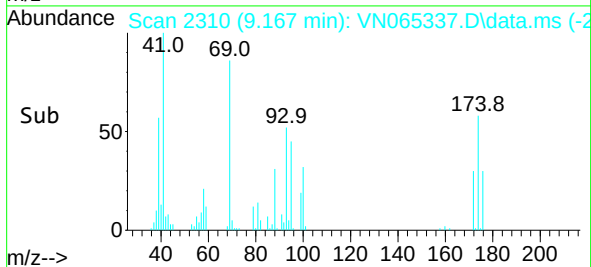
Tgt Ion: 88 Resp: 21052  
Ion Ratio Lower Upper  
88 100  
43 30.7 30.6 46.0  
58 68.0 57.9 86.9



#46  
Methyl methacrylate  
Concen: 17.11 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



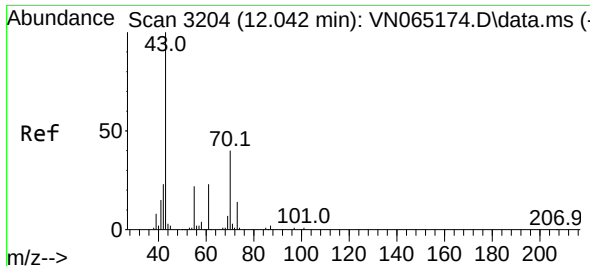
Tgt Ion: 41 Resp: 58151  
Ion Ratio Lower Upper  
41 100  
69 87.1 35.4 106.2  
39 55.6 31.6 94.7



Instrument :  
MSVOA\_N  
ClientSampleId :  
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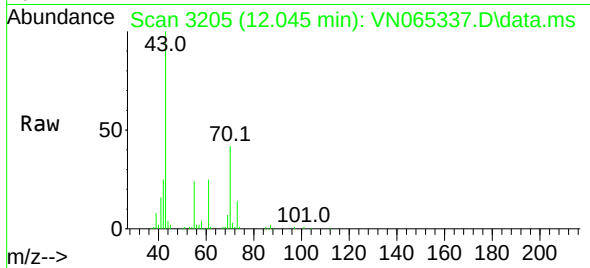
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#47  
n-amy1 Acetate  
Concen: 17.14 ug/l  
RT: 12.045 min Scan# 3205  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

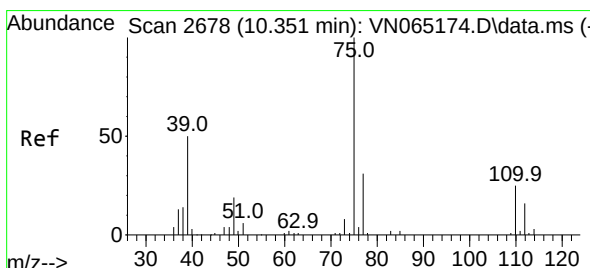
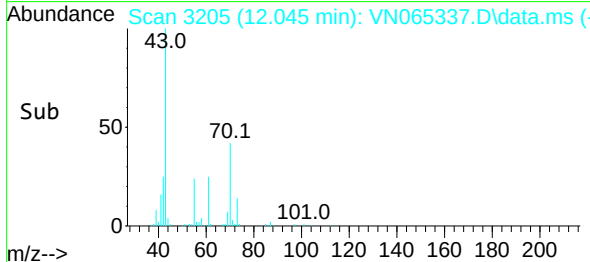
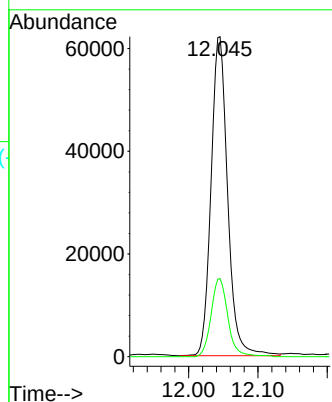
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01



Tgt Ion: 43 Resp: 103004  
Ion Ratio Lower Upper  
43 100  
55 24.8 19.2 28.8

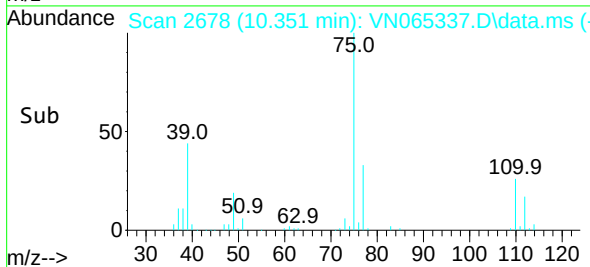
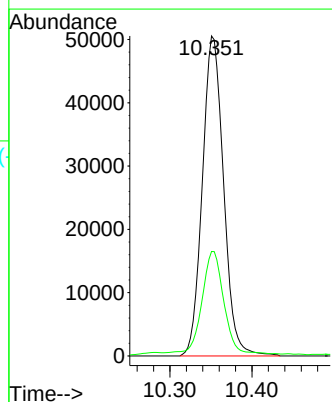
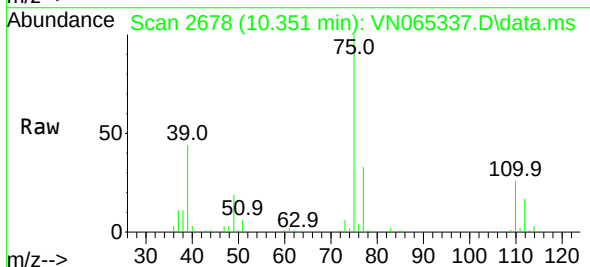
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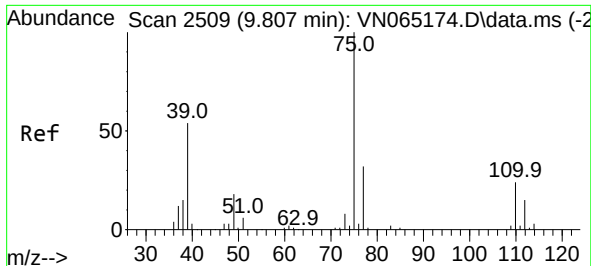
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#48  
t-1,3-Dichloropropene  
Concen: 17.29 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 75 Resp: 91001  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.8 38.6





#49

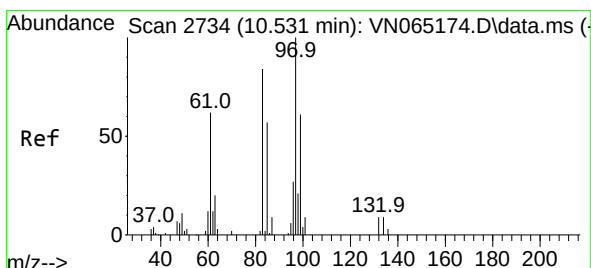
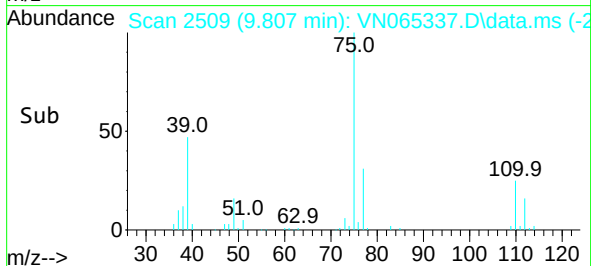
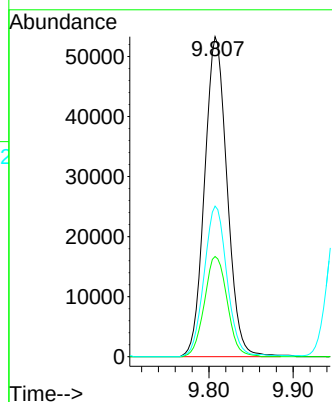
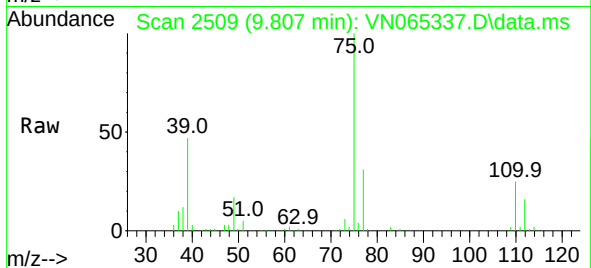
cis-1,3-Dichloropropene  
Concen: 17.82 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.3  | 24.8  | 37.2  |
| 39      | 47.1  | 47.4  | 71.0# |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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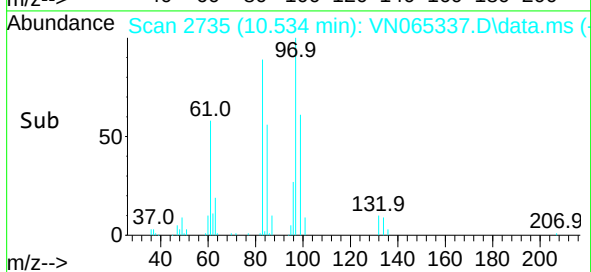
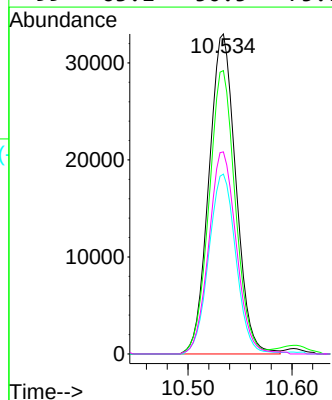
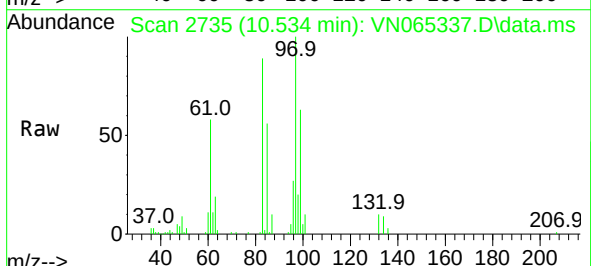
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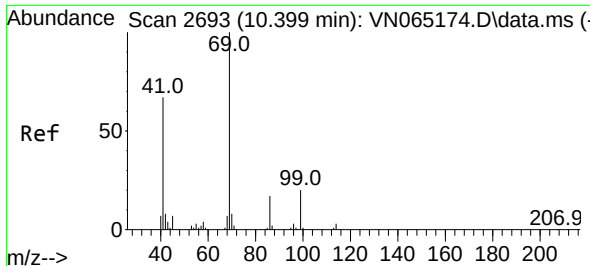


#50

1,1,2-Trichloroethane  
Concen: 19.21 ug/l  
RT: 10.534 min Scan# 2735  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

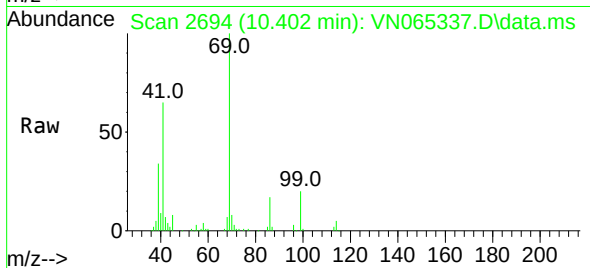
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.5  | 74.2  | 111.4 |
| 85      | 56.2  | 44.8  | 67.2  |
| 99      | 63.1  | 50.5  | 75.7  |





#51  
Ethyl methacrylate  
Concen: 17.72 ug/l  
RT: 10.402 min Scan# 2694  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

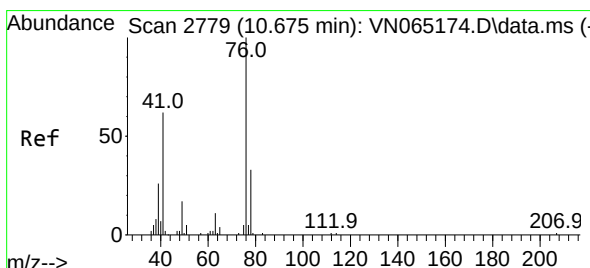
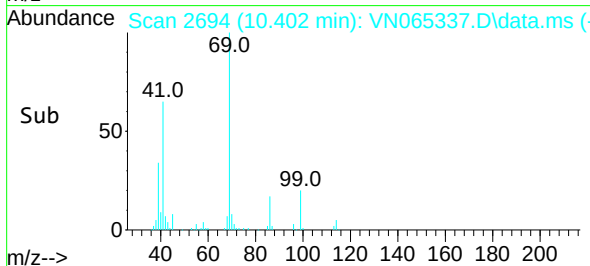
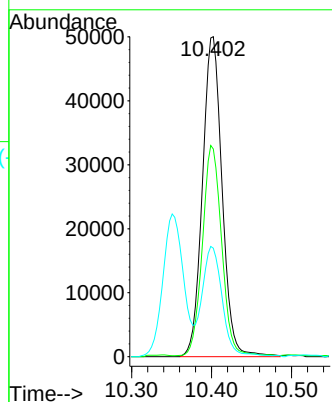
Instrument :  
MSVOA\_N  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.6  | 35.4  | 106.1 |
| 39      | 33.6  | 24.1  | 72.2  |

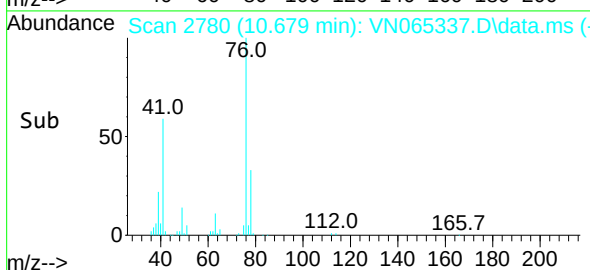
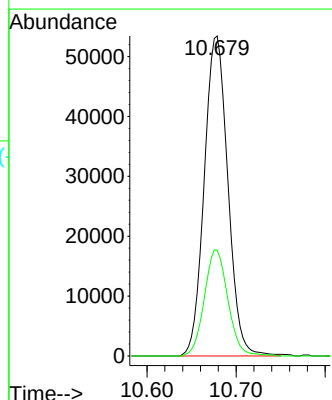
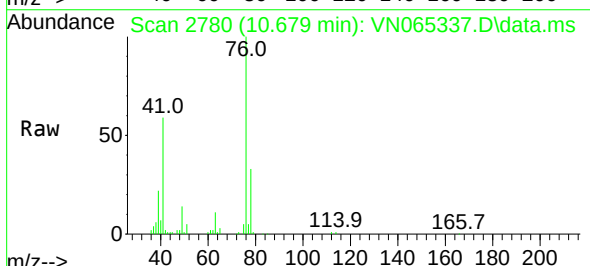
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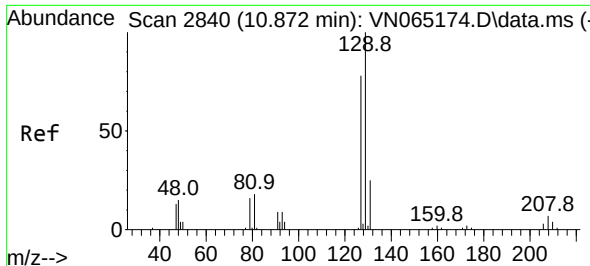
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#52  
1,3-Dichloropropane  
Concen: 19.07 ug/l  
RT: 10.679 min Scan# 2780  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.0  | 0.0   | 65.2  |





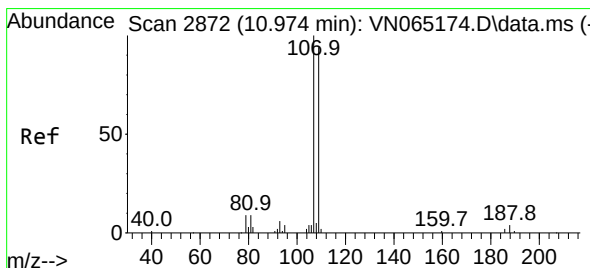
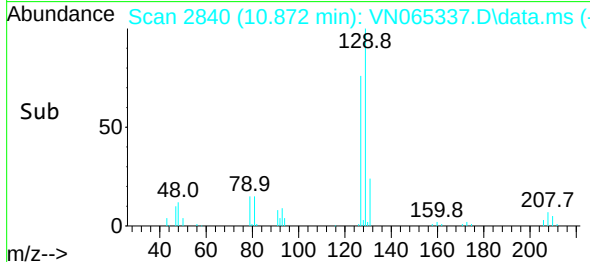
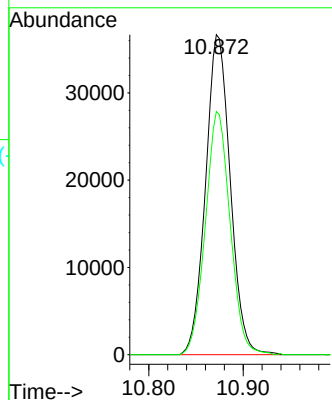
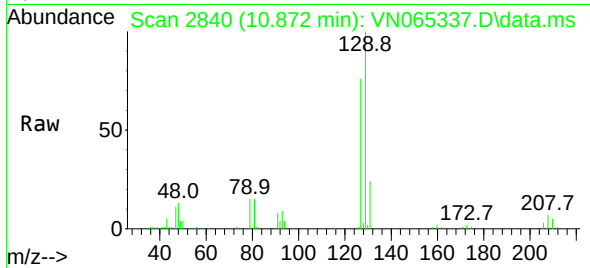
#53  
Dibromochloromethane  
Concen: 18.00 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:129 Resp: 66622  
Ion Ratio Lower Upper  
129 100  
127 76.2 39.1 117.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

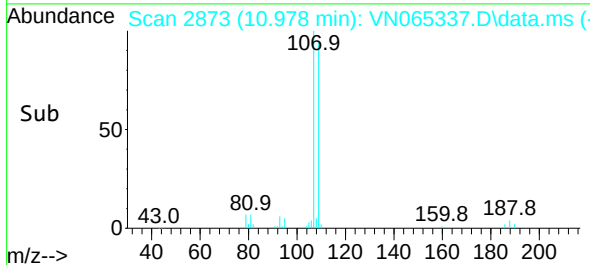
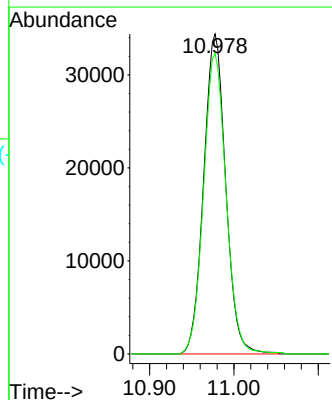
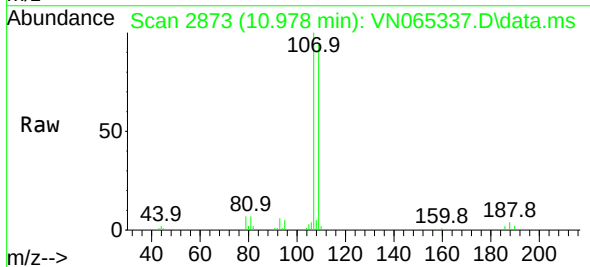
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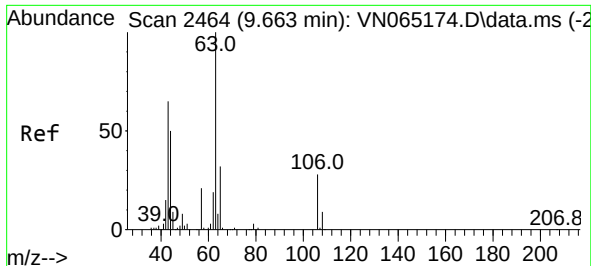
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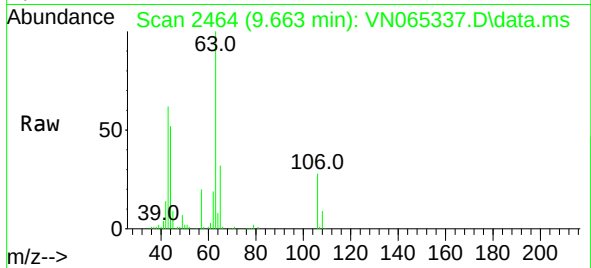
#54  
1,2-Dibromoethane  
Concen: 18.89 ug/l  
RT: 10.978 min Scan# 2873  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:107 Resp: 62640  
Ion Ratio Lower Upper  
107 100  
109 95.9 77.2 115.8

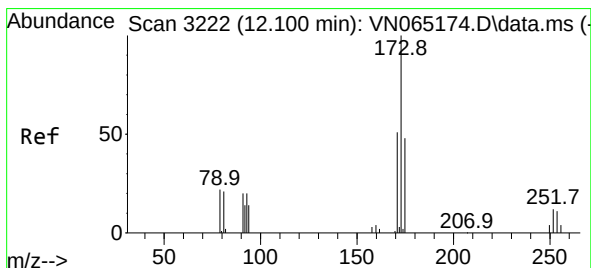
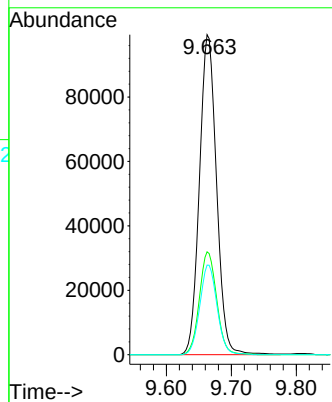
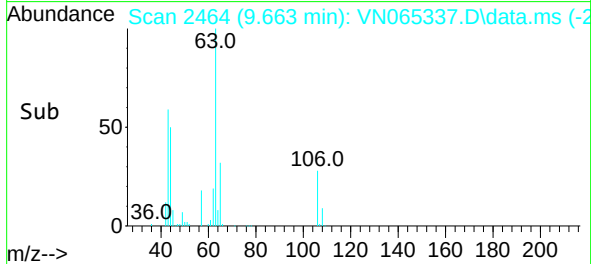




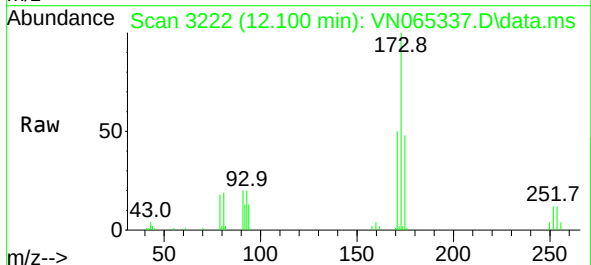
#55  
2-Chloroethyl vinyl ether  
Concen: 76.07 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



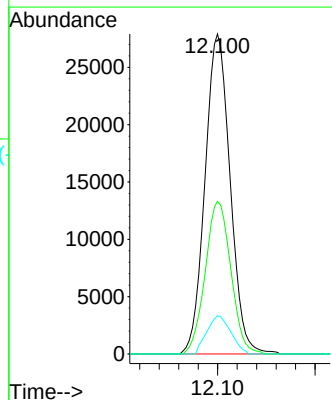
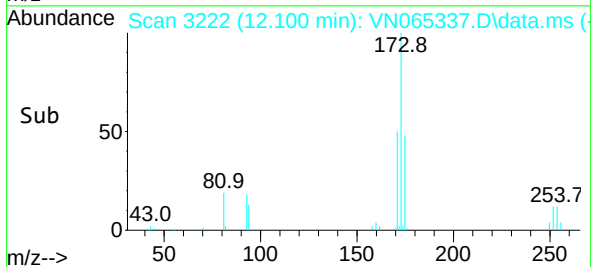
Tgt Ion: 63 Resp: 182272  
Ion Ratio Lower Upper  
63 100  
65 32.4 25.7 38.5  
106 28.3 19.9 29.9



#56  
Bromoform  
Concen: 17.44 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



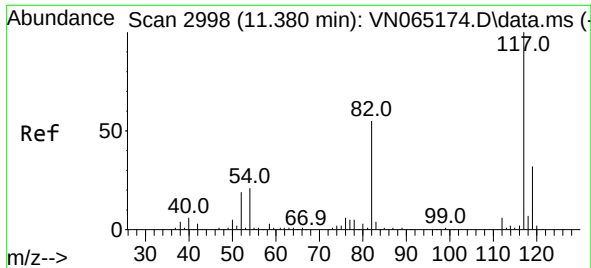
Tgt Ion: 173 Resp: 49973  
Ion Ratio Lower Upper  
173 100  
175 48.5 37.1 55.7  
254 11.4 5.4 8.2#



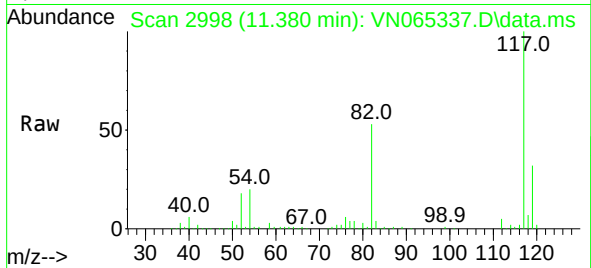
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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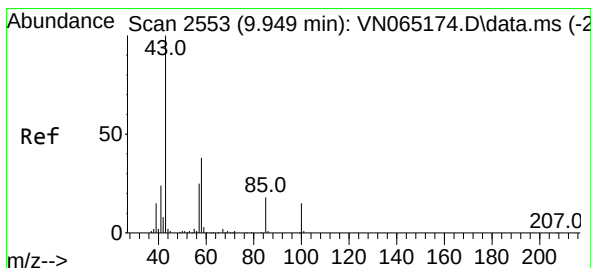
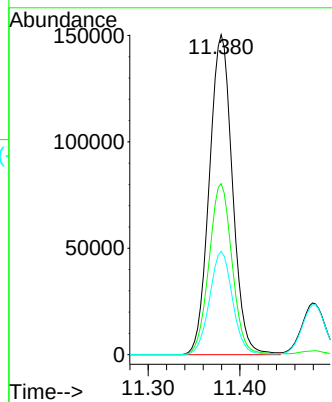
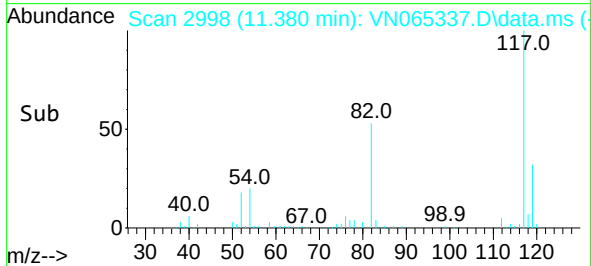
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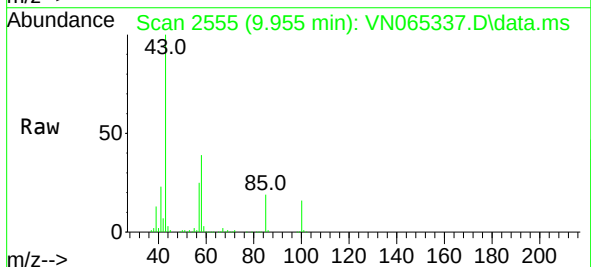
#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



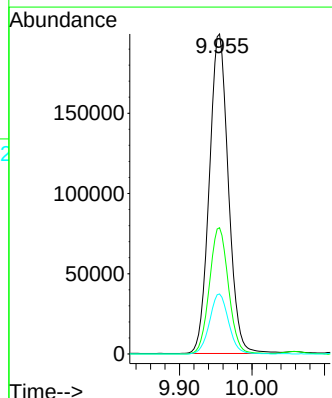
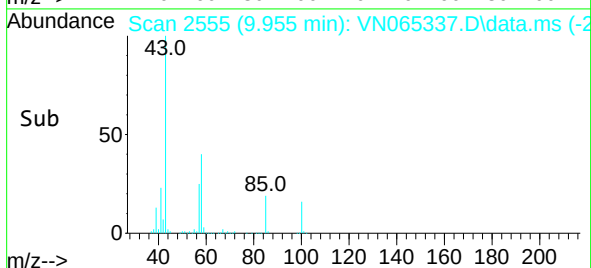
Tgt Ion: 117 Resp: 263468  
Ion Ratio Lower Upper  
117 100  
82 53.5 47.8 71.8  
119 32.1 25.7 38.5



#58  
4-Methyl-2-Pentanone  
Concen: 90.38 ug/l  
RT: 9.955 min Scan# 2555  
Delta R.T. 0.006 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



Tgt Ion: 43 Resp: 363920  
Ion Ratio Lower Upper  
43 100  
58 39.6 28.8 43.2  
85 18.7 12.3 18.5#

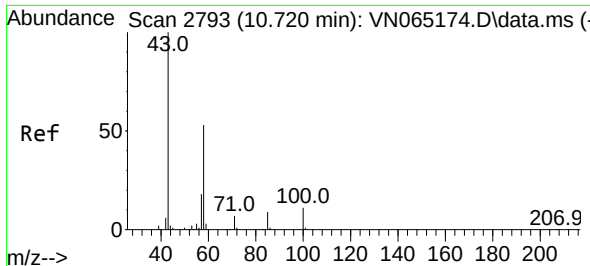


Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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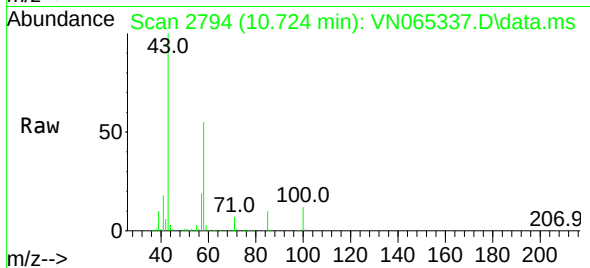
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#59  
2-Hexanone  
Concen: 89.18 ug/l  
RT: 10.724 min Scan# 2794  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

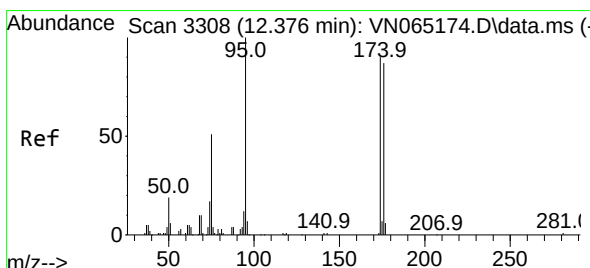
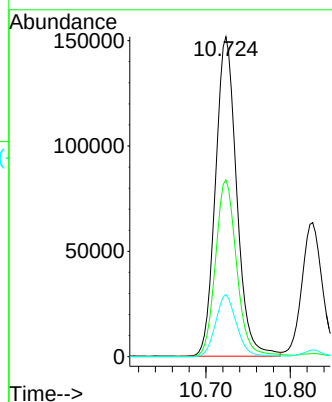
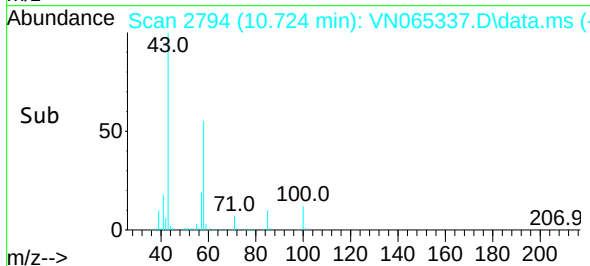
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01



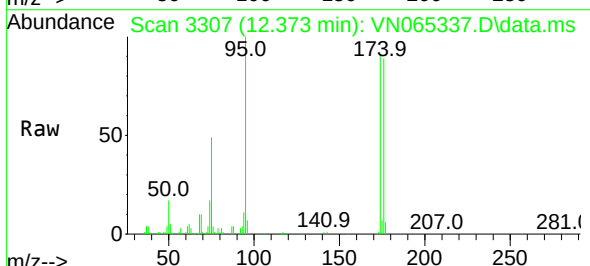
Tgt Ion: 43 Resp: 264572  
Ion Ratio Lower Upper  
43 100  
58 55.5 38.2 57.4  
57 19.4 13.8 20.8

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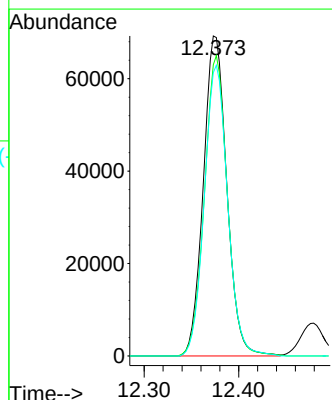
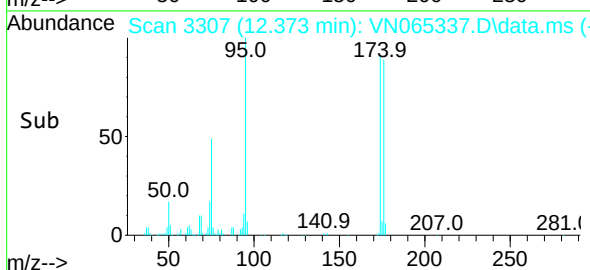
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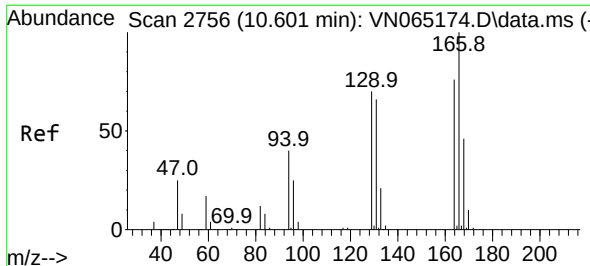


#60  
4-Bromofluorobenzene  
Concen: 28.49 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.003 min  
Lab File: VN065337.D  
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Tgt Ion: 95 Resp: 119385  
Ion Ratio Lower Upper  
95 100  
174 92.1 56.4 84.6#  
176 90.3 53.3 79.9#





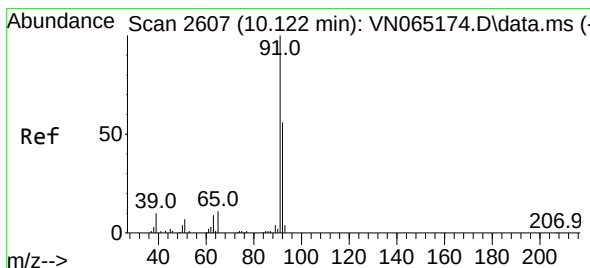
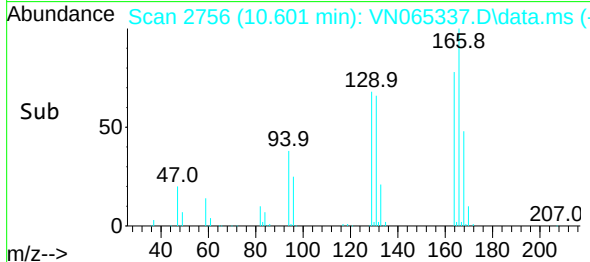
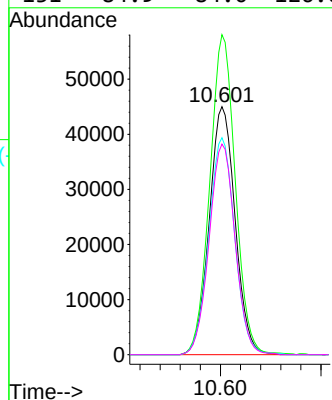
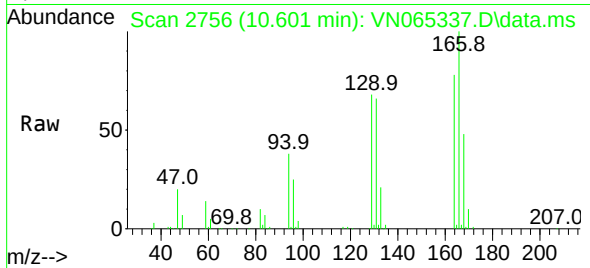
#61  
Tetrachloroethene  
Concen: 20.34 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:164 Resp: 80426  
Ion Ratio Lower Upper  
164 100  
166 129.0 103.2 154.8  
129 87.5 86.4 129.6  
131 84.9 84.0 126.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

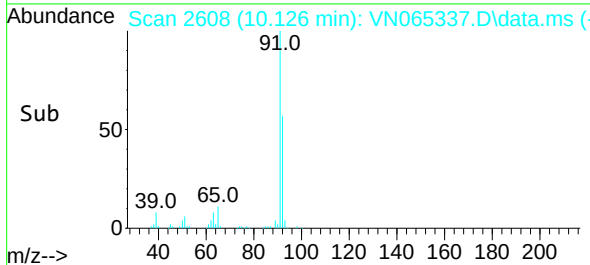
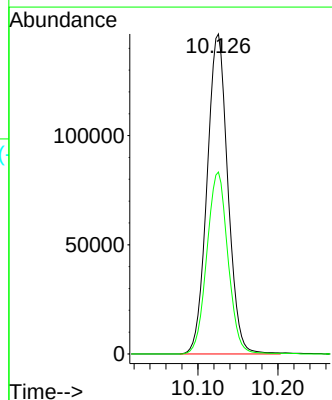
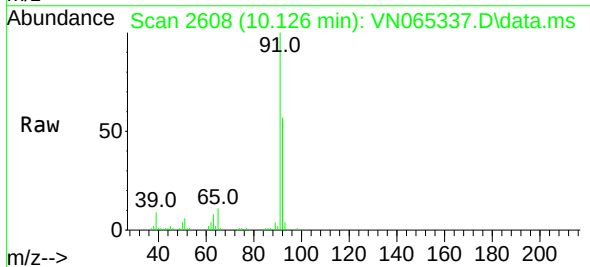
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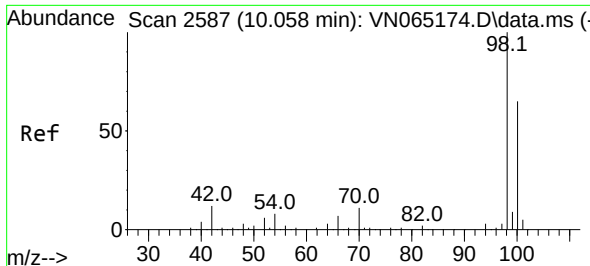
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#62  
Toluene  
Concen: 18.92 ug/l  
RT: 10.126 min Scan# 2608  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 91 Resp: 264970  
Ion Ratio Lower Upper  
91 100  
92 57.7 45.4 68.2





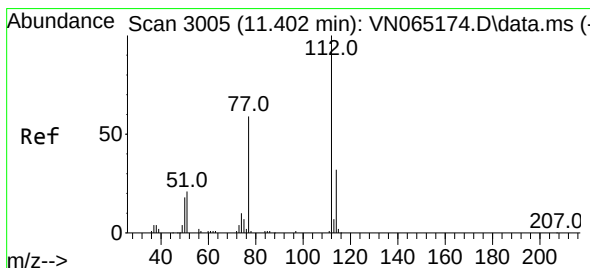
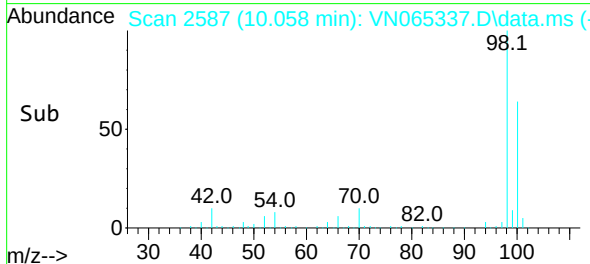
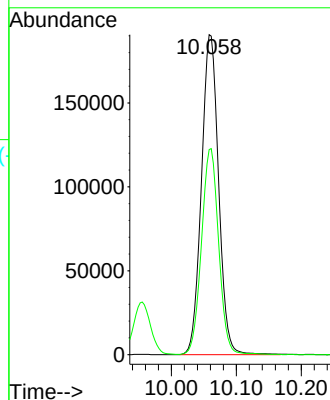
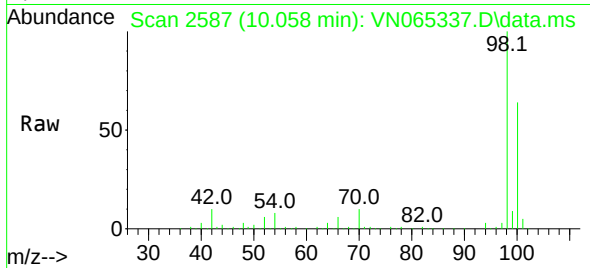
#63  
Toluene-d8  
Concen: 30.02 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 98 Resp: 350807  
Ion Ratio Lower Upper  
98 100  
100 63.9 49.4 74.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

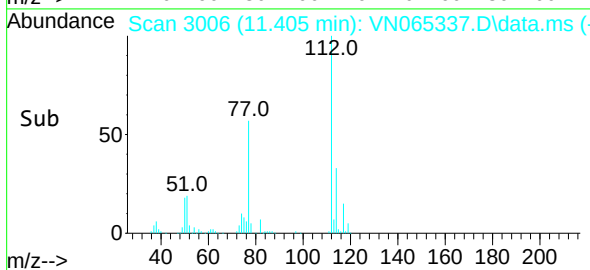
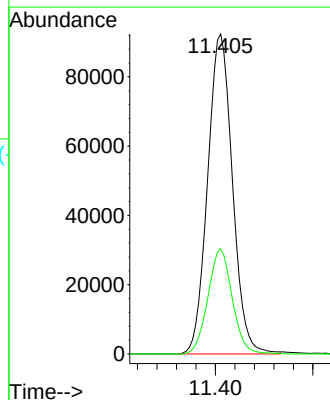
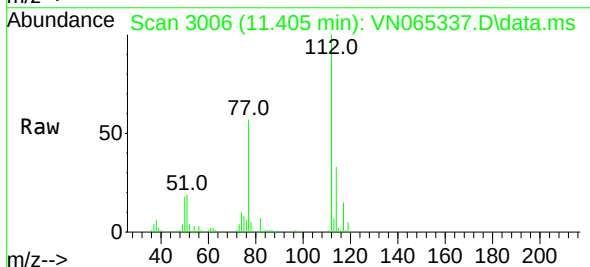
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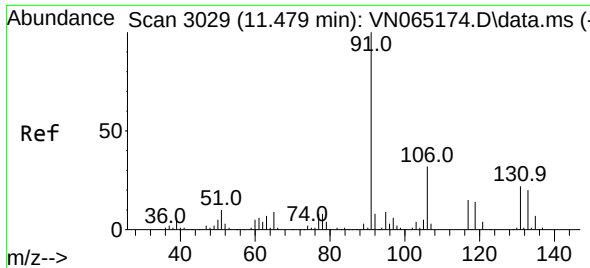
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#64  
Chlorobenzene  
Concen: 18.91 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 112 Resp: 163299  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.6





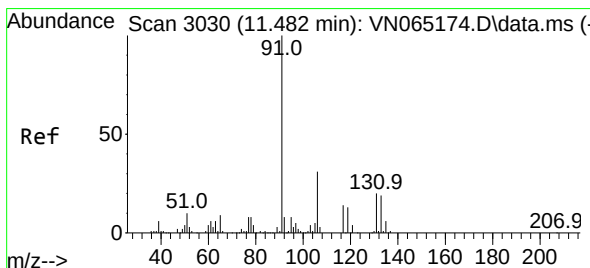
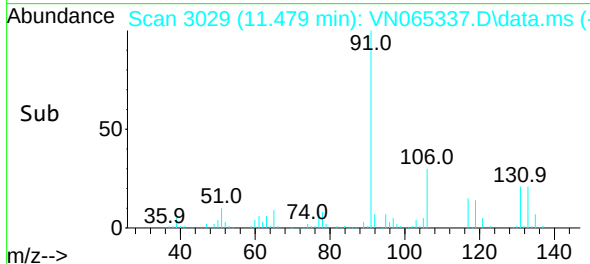
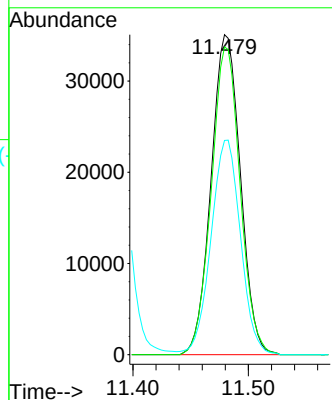
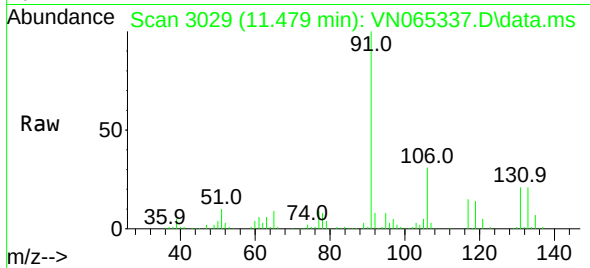
#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.11 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.7  | 0.0   | 191.2 |
| 119     | 67.5  | 0.0   | 131.6 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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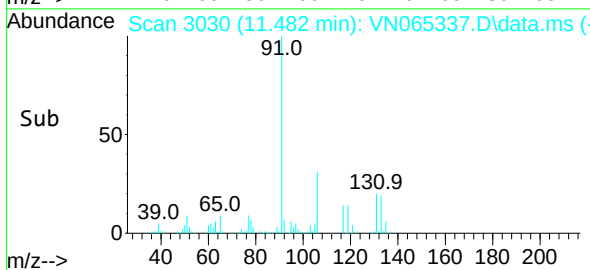
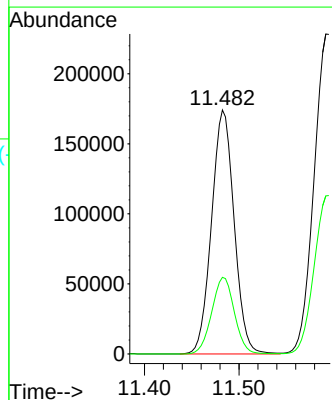
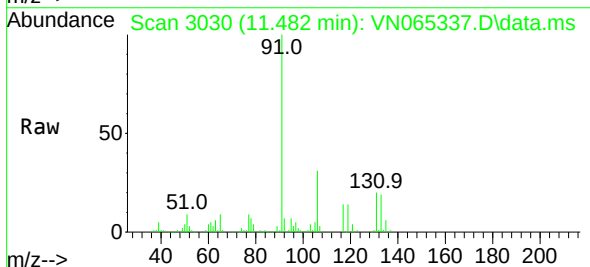
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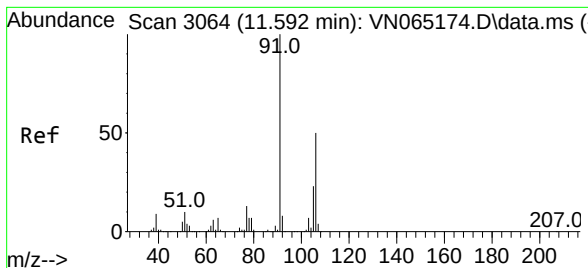
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#66  
Ethyl Benzene  
Concen: 18.50 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.4  | 23.9  | 35.9  |





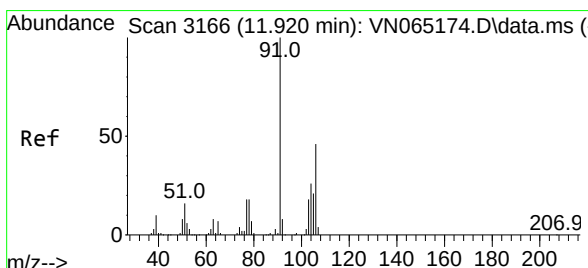
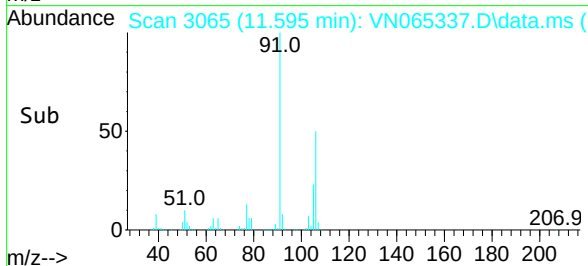
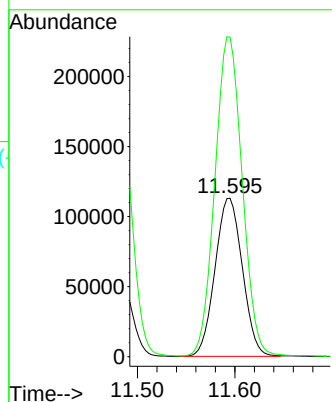
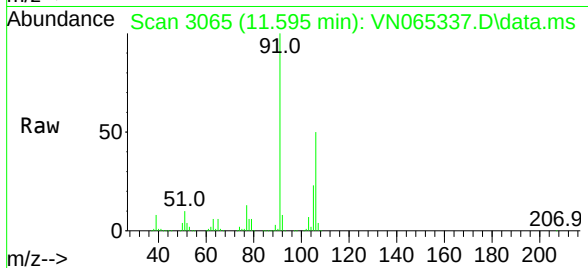
#67  
m/p-Xylenes  
Concen: 37.27 ug/l  
RT: 11.595 min Scan# 3065  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:106 Resp: 219912  
Ion Ratio Lower Upper  
106 100  
91 203.2 168.8 253.2

Instrument :  
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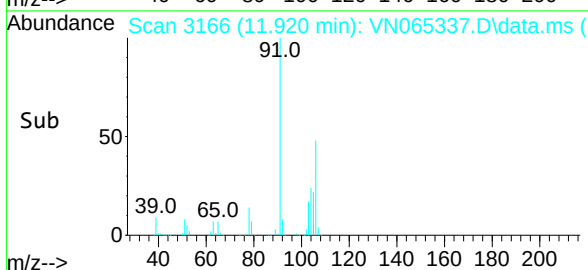
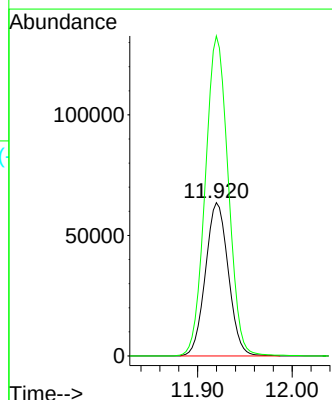
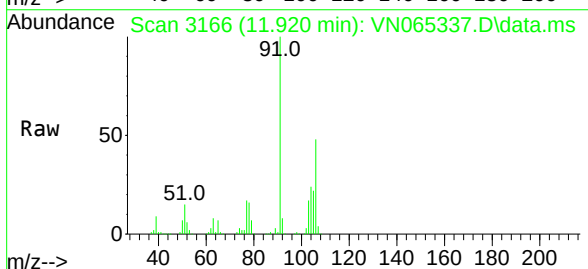
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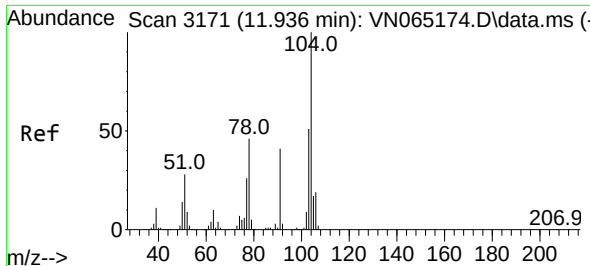
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#68  
o-Xylene  
Concen: 18.76 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

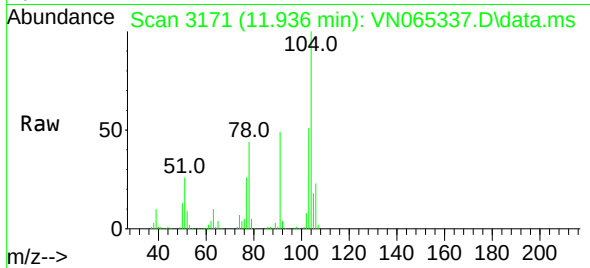
Tgt Ion:106 Resp: 106924  
Ion Ratio Lower Upper  
106 100  
91 209.2 109.7 329.2





#69  
Styrene  
Concen: 18.45 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. -0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

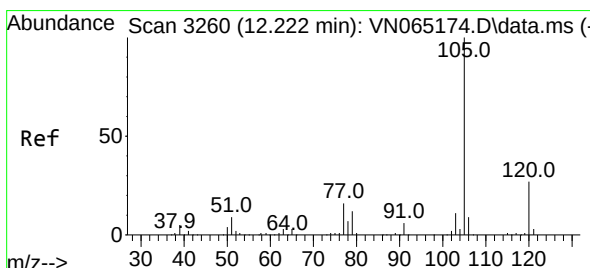
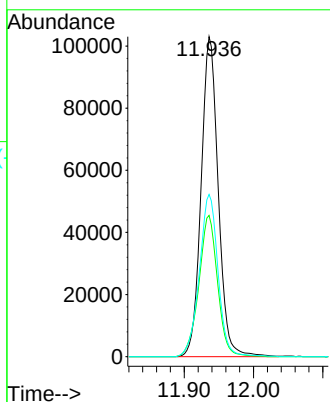
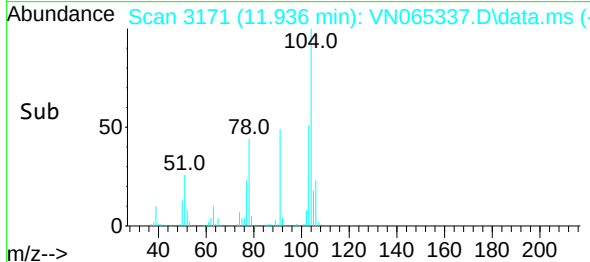
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01



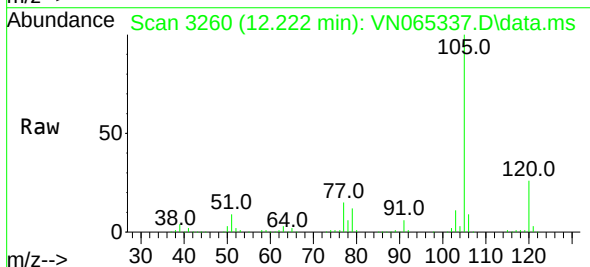
Tgt Ion:104 Resp: 176638  
Ion Ratio Lower Upper  
104 100  
78 48.2 44.4 66.6  
103 55.4 44.6 67.0

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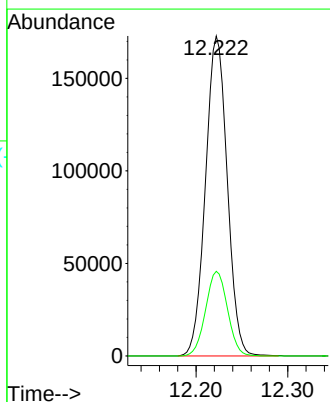
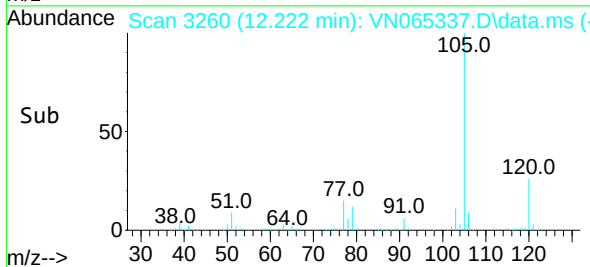
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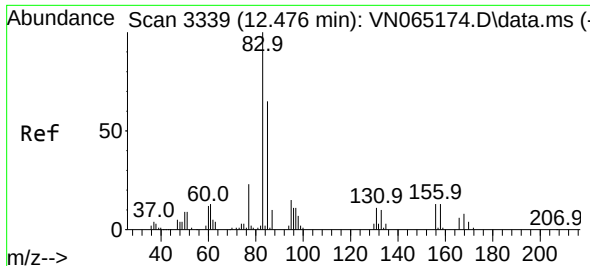


#70  
Isopropylbenzene  
Concen: 18.72 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

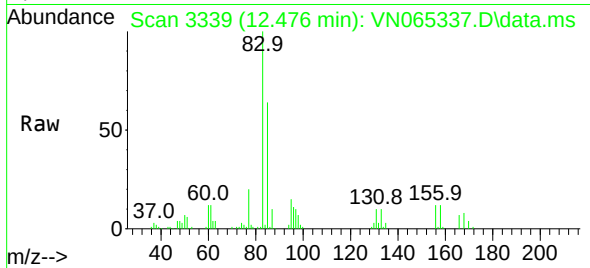


Tgt Ion:105 Resp: 284739  
Ion Ratio Lower Upper  
105 100  
120 26.5 17.9 33.3

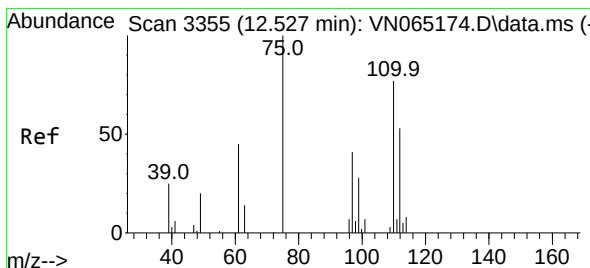
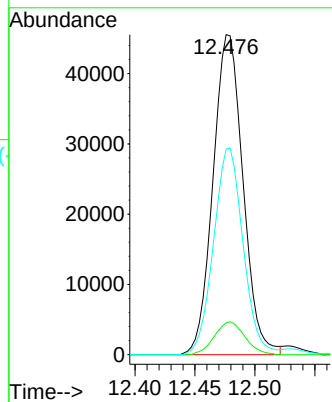
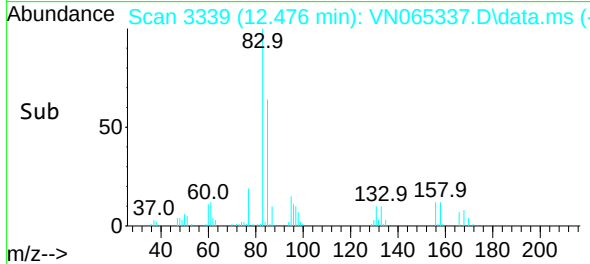




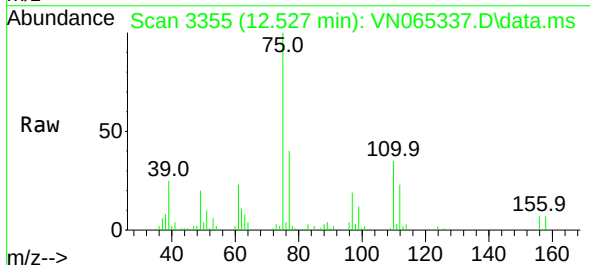
#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.21 ug/l  
RT: 12.476 min Scan# 3339  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



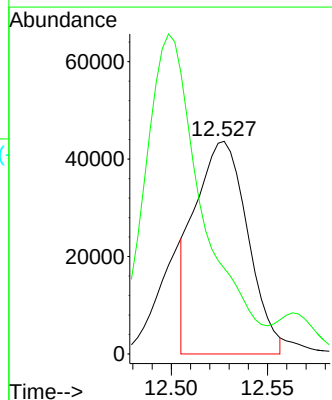
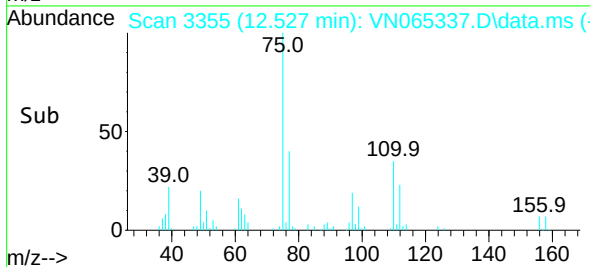
Tgt Ion: 83 Resp: 79150  
Ion Ratio Lower Upper  
83 100  
131 10.5 4.6 13.8  
85 63.5 31.4 94.0



#72  
1,2,3-Trichloropropane  
Concen: 19.72 ug/l m  
RT: 12.527 min Scan# 3355  
Delta R.T. -0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



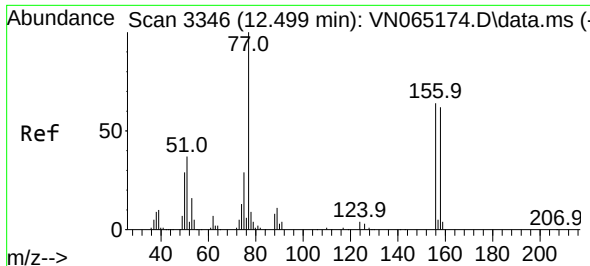
Tgt Ion: 75 Resp: 82697  
Ion Ratio Lower Upper  
75 100  
77 167.0 0.0 379.4



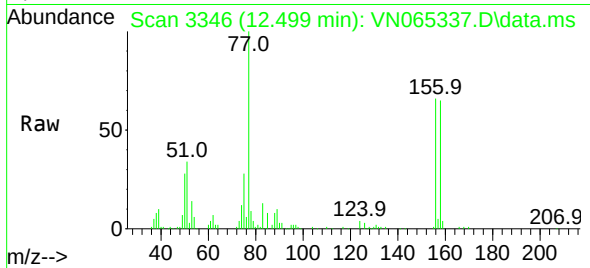
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

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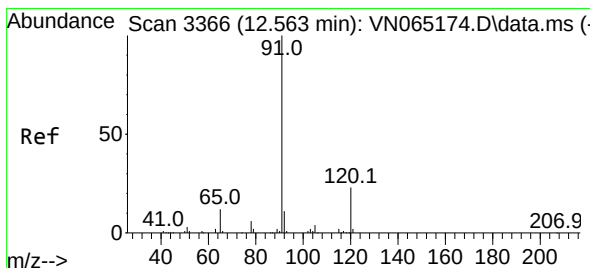
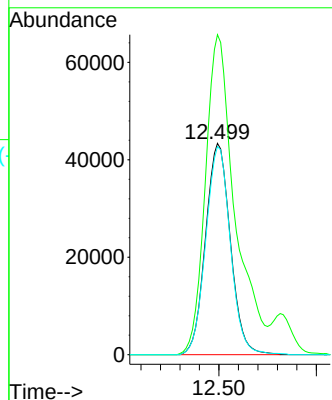
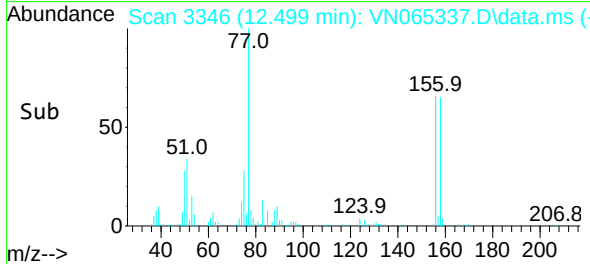
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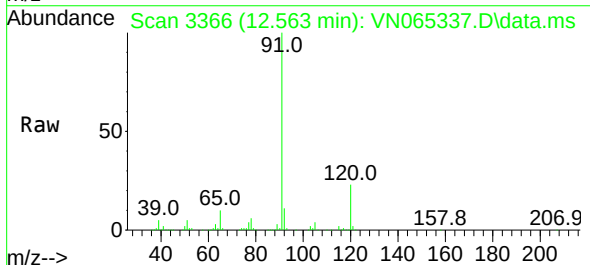
#73  
Bromobenzene  
Concen: 19.37 ug/l  
RT: 12.499 min Scan# 3346  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



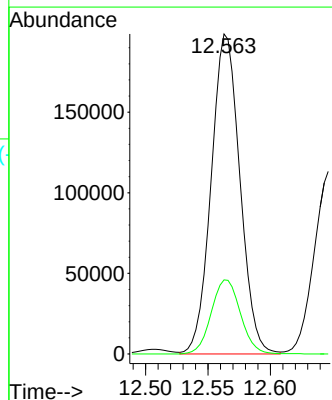
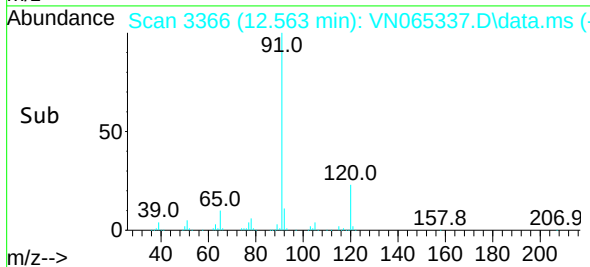
Tgt Ion:156 Resp: 76793  
Ion Ratio Lower Upper  
156 100  
77 179.9 0.0 480.2  
158 97.5 0.0 194.0



#74  
n-propylbenzene  
Concen: 18.43 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



Tgt Ion: 91 Resp: 318321  
Ion Ratio Lower Upper  
91 100  
120 23.5 0.0 42.8

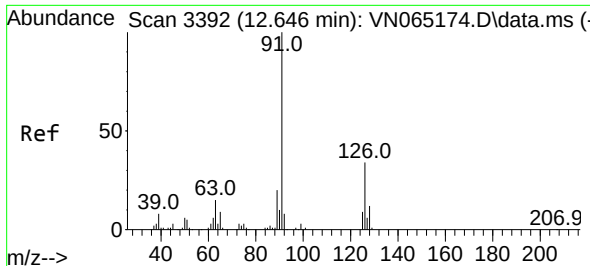


Instrument :  
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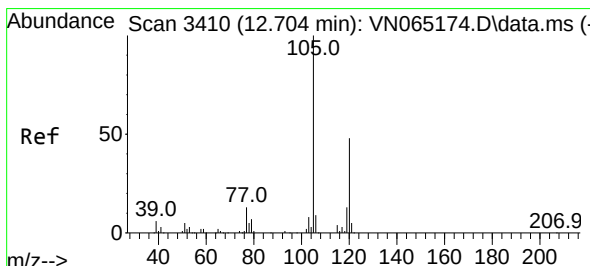
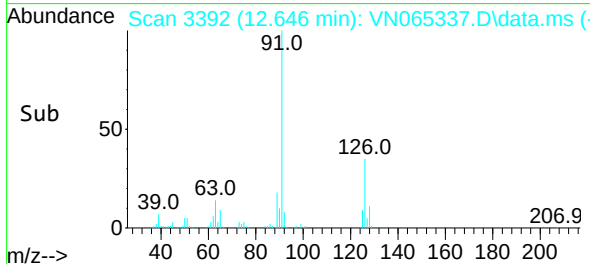
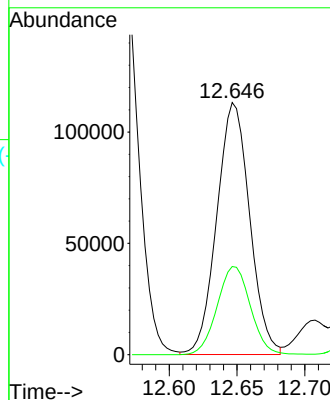
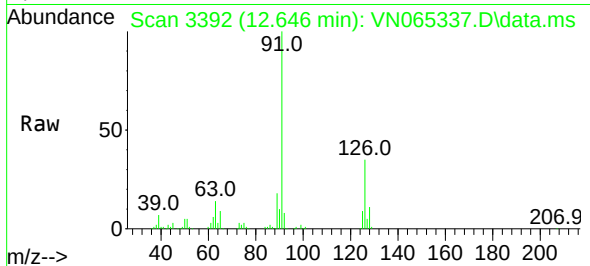
#75  
2-Chlorotoluene  
Concen: 18.70 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 91 Resp: 191123  
Ion Ratio Lower Upper  
91 100  
126 35.4 0.0 61.8

Instrument :  
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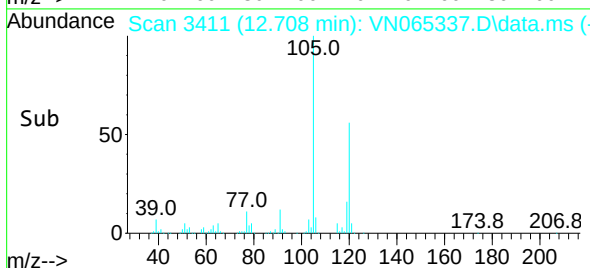
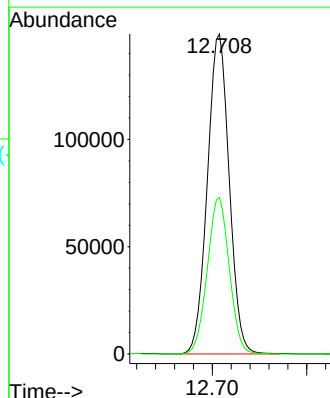
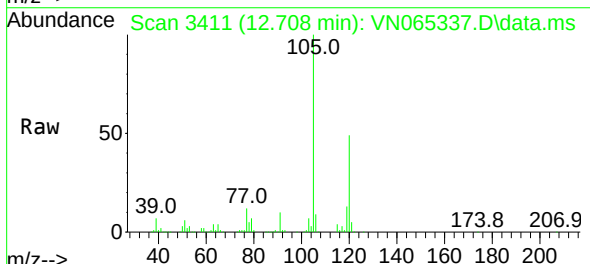
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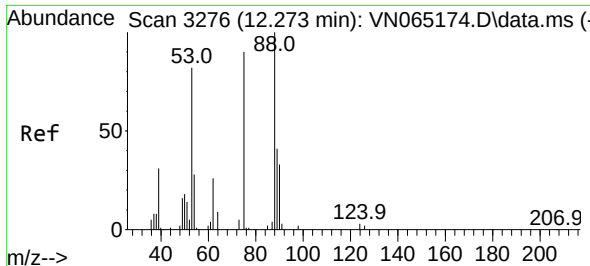
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#76  
1,3,5-Trimethylbenzene  
Concen: 18.42 ug/l  
RT: 12.708 min Scan# 3411  
Delta R.T. 0.003 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

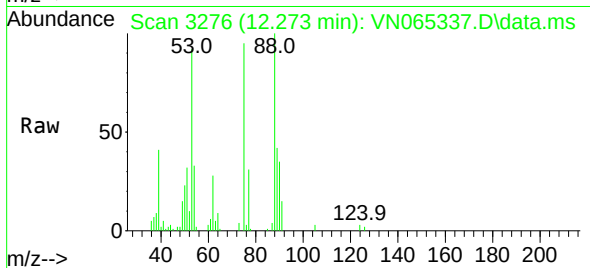
Tgt Ion: 105 Resp: 239062  
Ion Ratio Lower Upper  
105 100  
120 49.2 0.0 90.4





#77  
t-1,4-Dichloro-2-butene  
Concen: 16.26 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

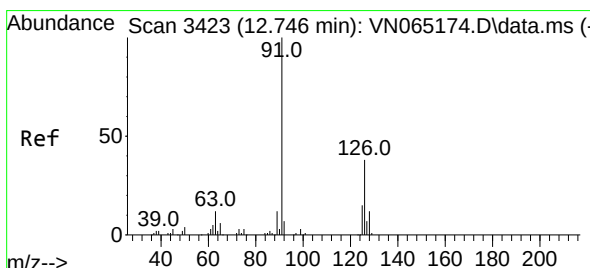
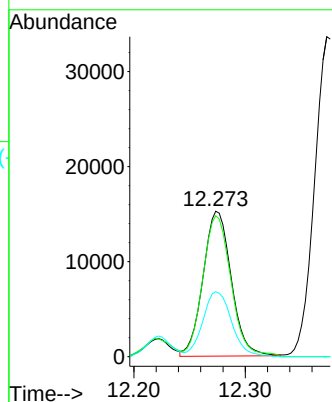
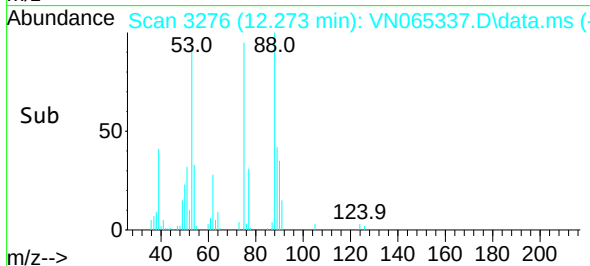
Instrument :  
MSVOA\_N  
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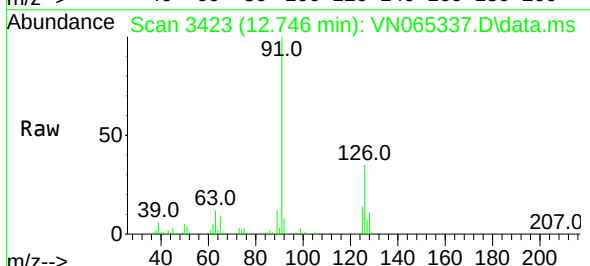
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.0  | 50.3  | 150.9 |
| 89      | 45.1  | 23.3  | 69.8  |

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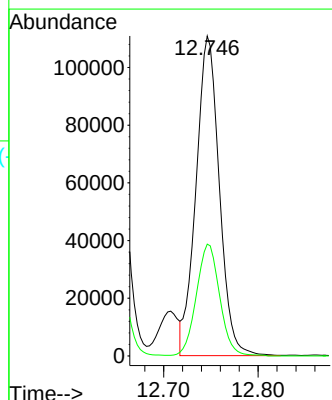
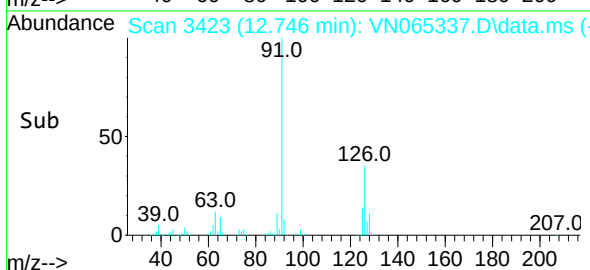
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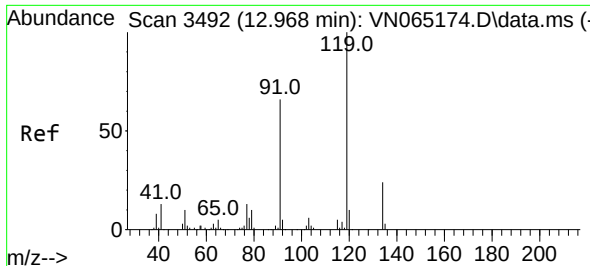


#78  
4-Chlorotoluene  
Concen: 18.30 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.1  | 0.0   | 61.8  |





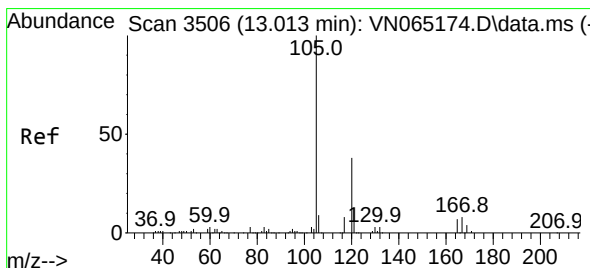
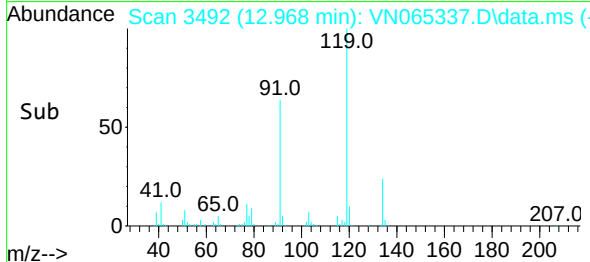
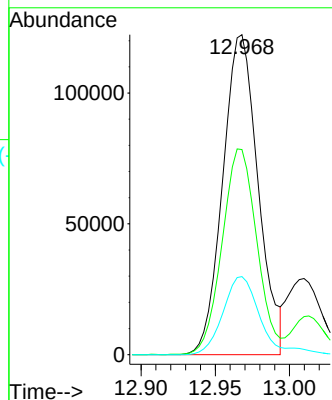
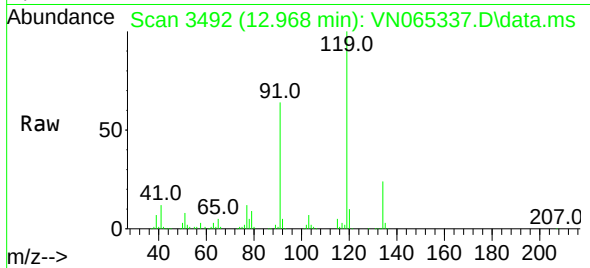
#79  
tert-butylbenzene  
Concen: 18.33 ug/l  
RT: 12.968 min Scan# 3492  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
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Tgt Ion:119 Resp: 202887  
Ion Ratio Lower Upper  
119 100  
91 63.2 0.0 147.8  
134 24.4 0.0 50.6

Instrument :  
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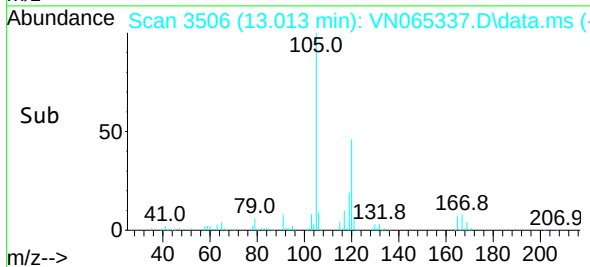
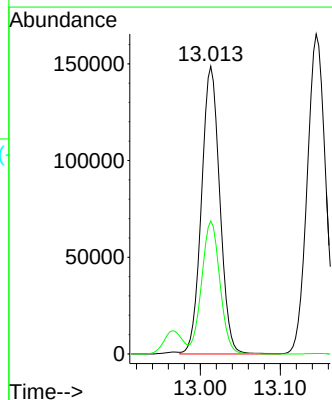
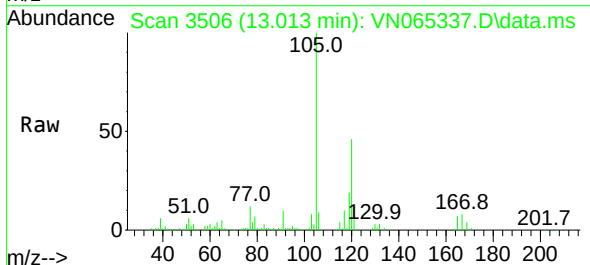
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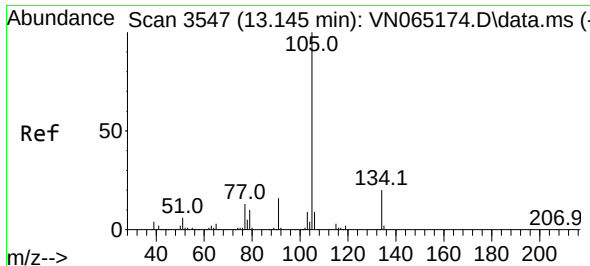
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#80  
1,2,4-Trimethylbenzene  
Concen: 18.48 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

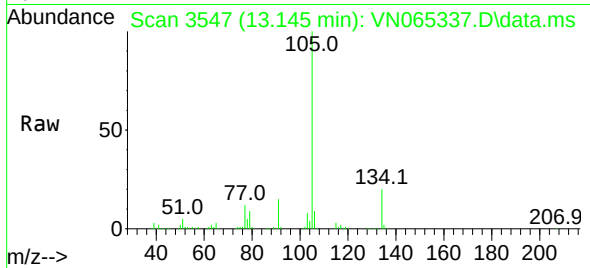
Tgt Ion:105 Resp: 237186  
Ion Ratio Lower Upper  
105 100  
120 46.3 0.0 88.6





#81  
 sec-Butylbenzene  
 Concen: 18.26 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. 0.000 min  
 Lab File: VN065337.D  
 Acq: 31 Dec 2020 10:44

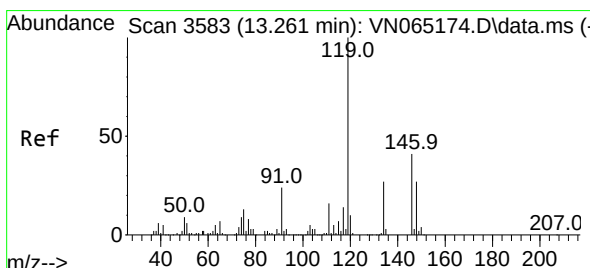
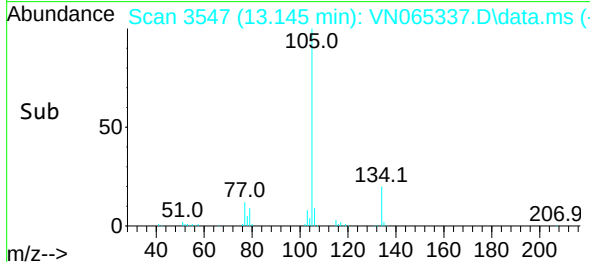
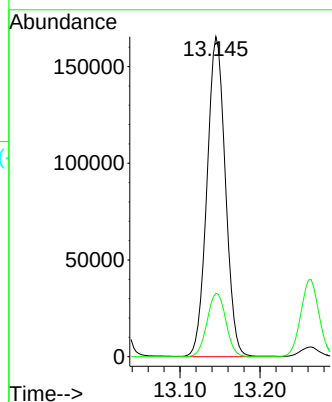
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:105 Resp: 265274  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 0.0 37.8

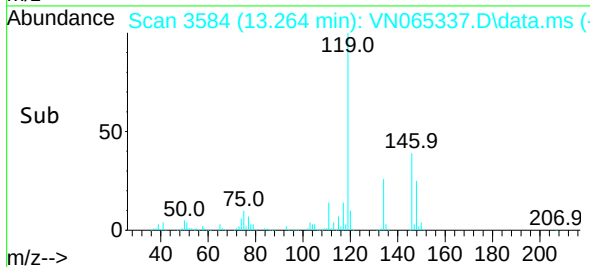
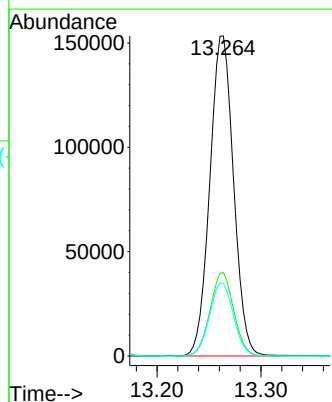
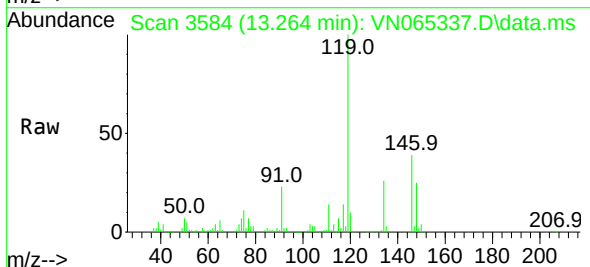
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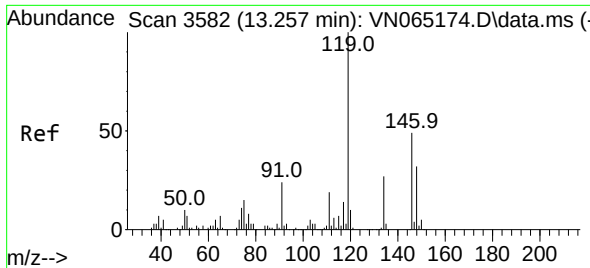
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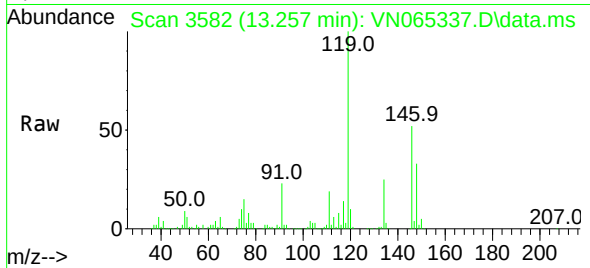
#82  
 p-Isopropyltoluene  
 Concen: 18.11 ug/l  
 RT: 13.264 min Scan# 3584  
 Delta R.T. 0.003 min  
 Lab File: VN065337.D  
 Acq: 31 Dec 2020 10:44

Tgt Ion:119 Resp: 242860  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 0.0 53.0  
 91 23.1 0.0 53.2

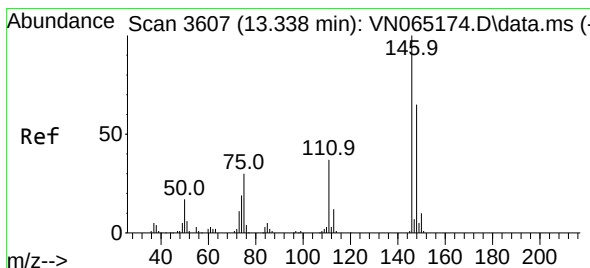
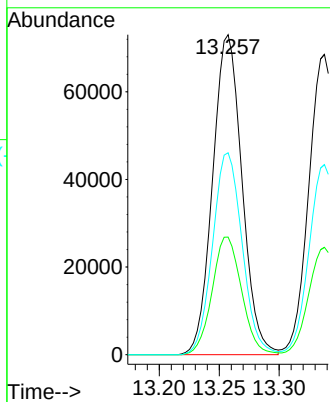
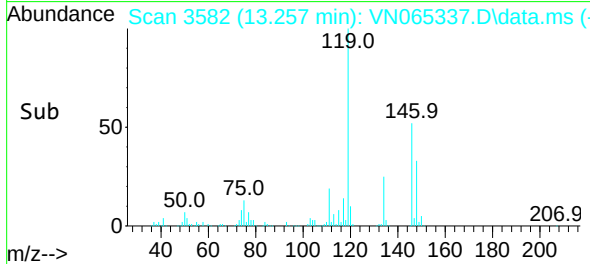




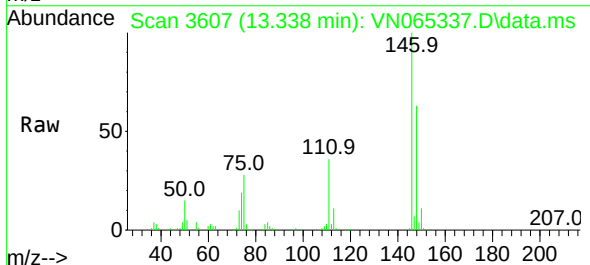
#83  
1,3-Dichlorobenzene  
Concen: 18.94 ug/l  
RT: 13.257 min Scan# 3582  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



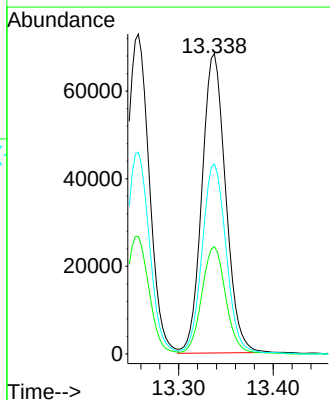
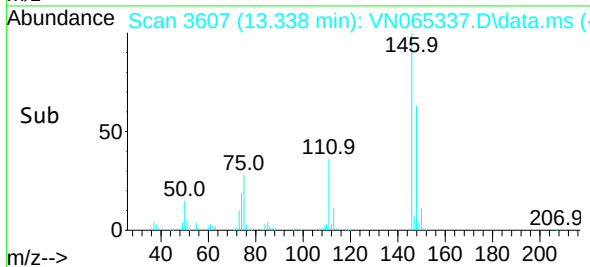
Tgt Ion:146 Resp: 124404  
Ion Ratio Lower Upper  
146 100  
111 37.0 22.3 66.9  
148 63.6 31.8 95.3



#84  
1,4-Dichlorobenzene  
Concen: 18.23 ug/l  
RT: 13.338 min Scan# 3607  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
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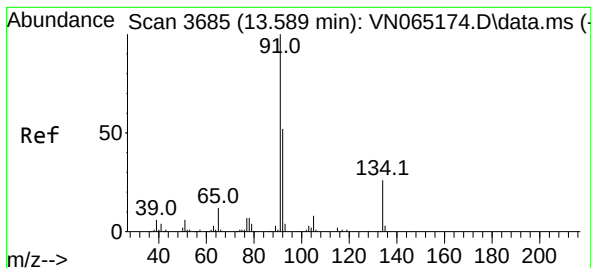
Tgt Ion:146 Resp: 119331  
Ion Ratio Lower Upper  
146 100  
111 35.7 21.8 65.4  
148 63.4 31.5 94.5



Instrument :  
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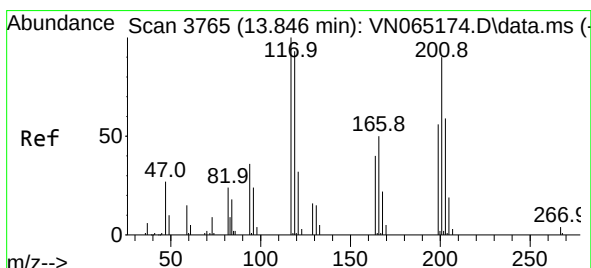
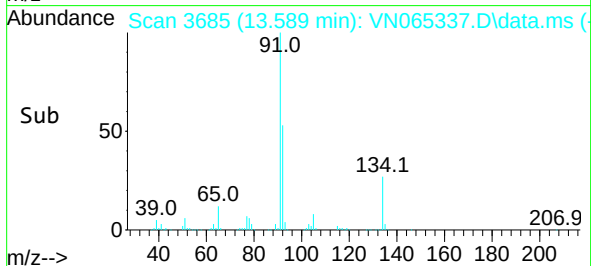
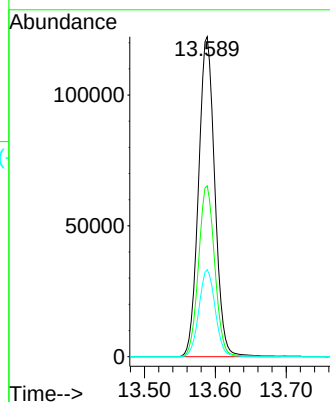
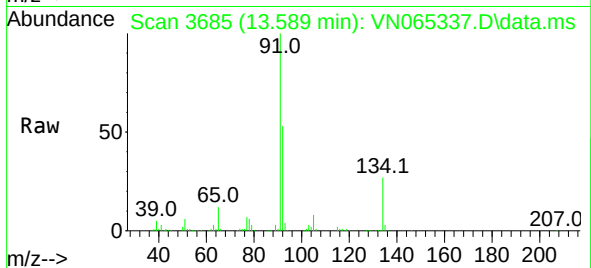
#85  
n-Butylbenzene  
Concen: 17.00 ug/l  
RT: 13.589 min Scan# 3685  
Delta R.T. -0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 91 Resp: 195191  
Ion Ratio Lower Upper  
91 100  
92 53.1 0.0 101.4  
134 27.1 0.0 45.2

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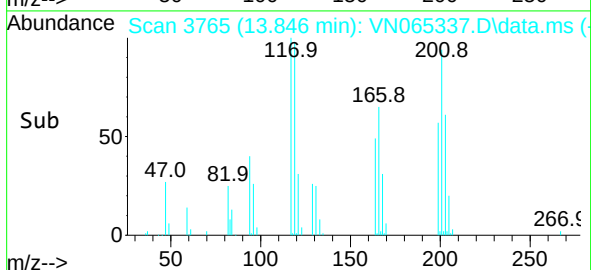
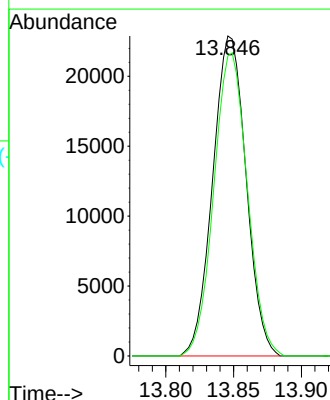
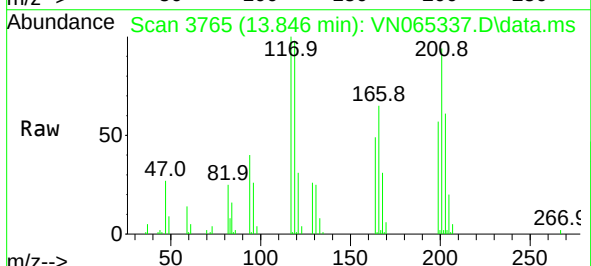
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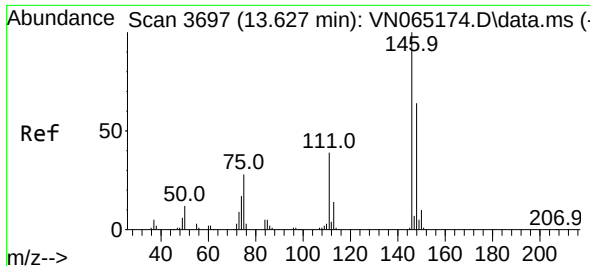
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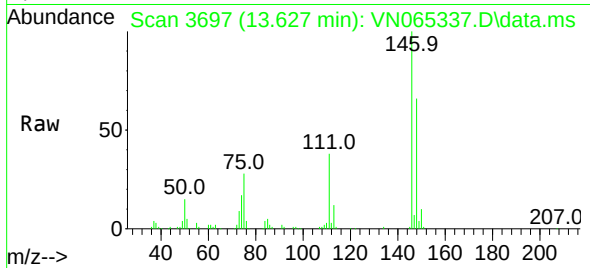
#86  
Hexachloroethane  
Concen: 16.08 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion: 117 Resp: 39160  
Ion Ratio Lower Upper  
117 100  
201 95.0 33.1 99.3

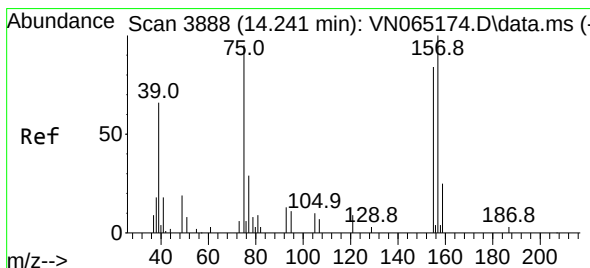
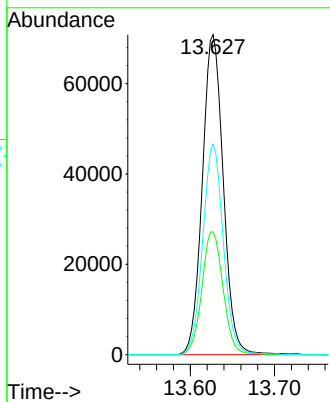
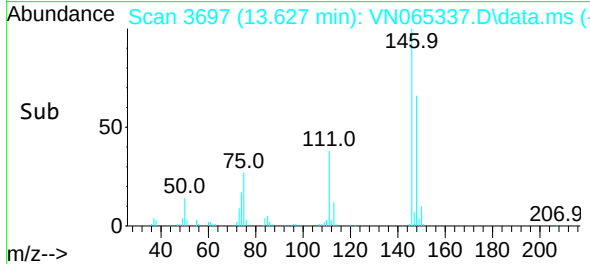




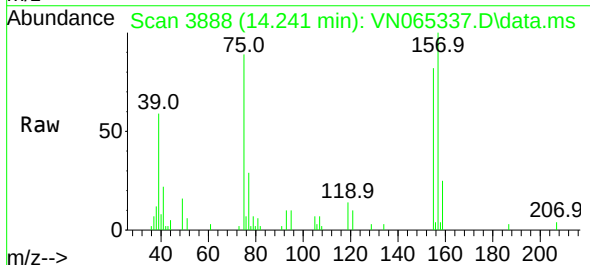
#87  
1,2-Dichlorobenzene  
Concen: 19.27 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



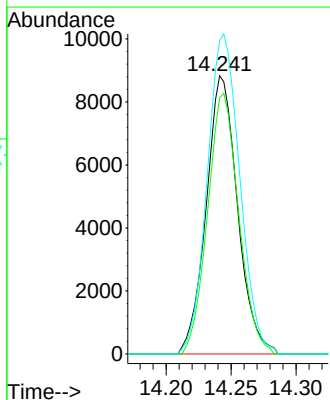
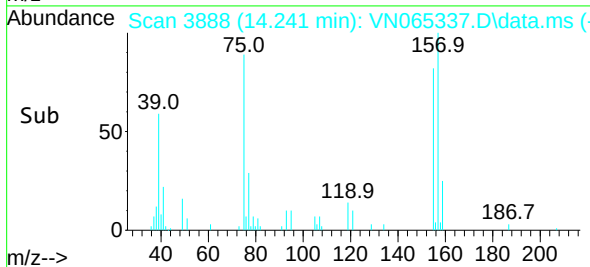
Tgt Ion:146 Resp: 122676  
Ion Ratio Lower Upper  
146 100  
111 38.8 23.1 69.2  
148 64.9 32.6 97.8



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 17.20 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44



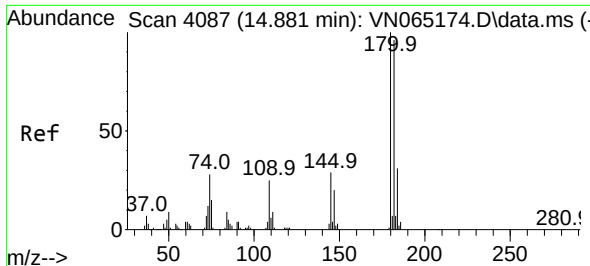
Tgt Ion: 75 Resp: 14818  
Ion Ratio Lower Upper  
75 100  
155 92.9 56.5 84.7#  
157 119.5 69.7 104.5#



Instrument :  
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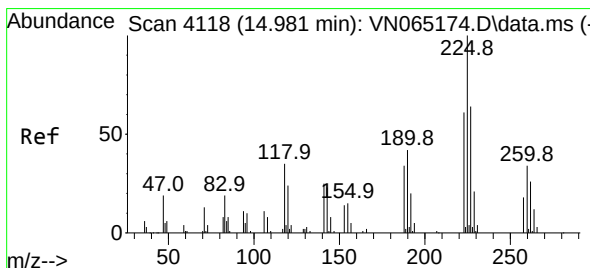
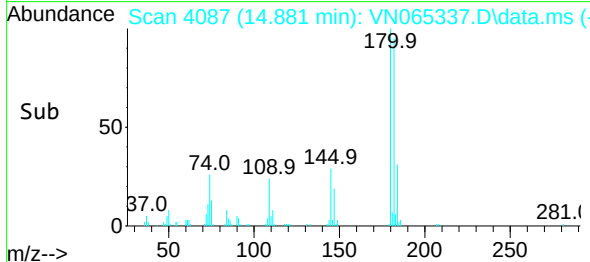
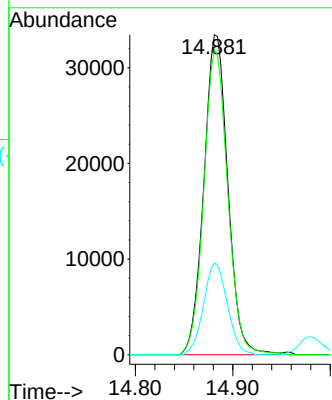
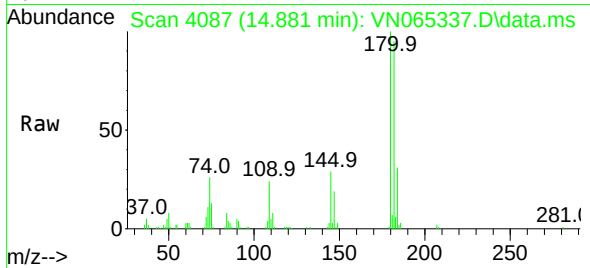
#89  
1,2,4-Trichlorobenzene  
Concen: 16.75 ug/l  
RT: 14.881 min Scan# 4087  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 79.4  | 119.0 |
| 145     | 28.4  | 27.6  | 41.4  |

Instrument :  
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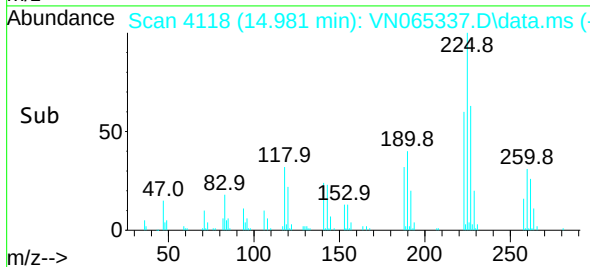
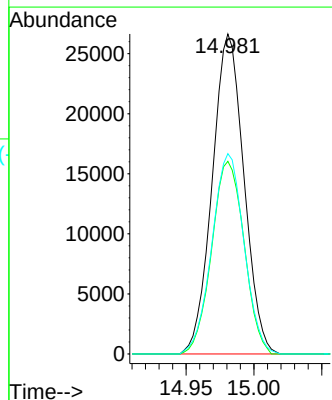
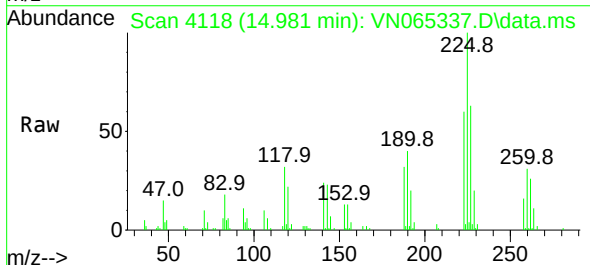
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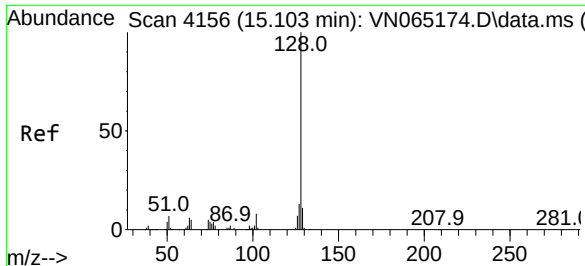


#90  
Hexachlorobutadiene  
Concen: 19.12 ug/l  
RT: 14.981 min Scan# 4118  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.4  | 0.0   | 125.4 |
| 227     | 63.6  | 0.0   | 122.0 |







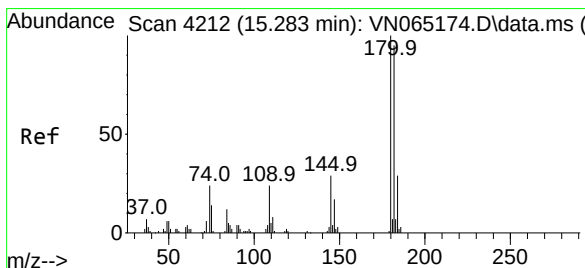
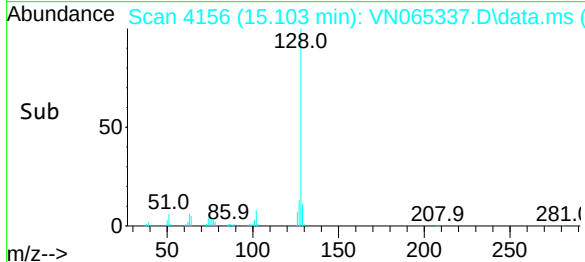
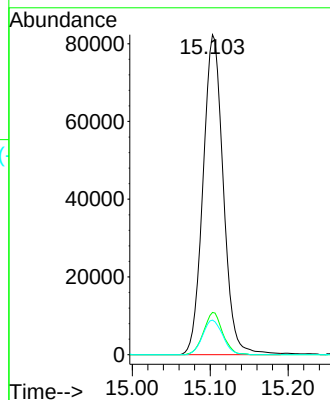
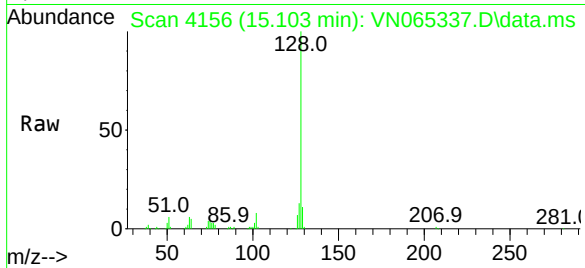
#91  
Naphthalene  
Concen: 16.28 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:128 Resp: 148741  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.4  
129 10.7 8.5 12.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1231WBS01

Manual Integrations  
APPROVED

MMDadoda  
1/4/2021 9:29:23 AM



#92  
1,2,3-Trichlorobenzene  
Concen: 17.50 ug/l  
RT: 15.283 min Scan# 4212  
Delta R.T. 0.000 min  
Lab File: VN065337.D  
Acq: 31 Dec 2020 10:44

Tgt Ion:180 Resp: 56134  
Ion Ratio Lower Upper  
180 100  
182 95.4 0.0 186.0  
145 29.9 0.0 69.6

