

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101321\  
 Data File : VN068897.D  
 Acq On : 13 Oct 2021 14:57  
 Operator : JC/MD  
 Sample : VN1013WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1013WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/14/2021 2:28:26 PM

Quant Time: Oct 14 06:42:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 8.088          | 168  | 328691     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968          | 114  | 567530     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746         | 117  | 523059     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.675         | 152  | 227468     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440          | 65   | 203440     | 46.94  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 93.88% |        |          |
| 35) Dibromofluoromethane     | 8.024          | 113  | 161304     | 48.85  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 97.70% |        |          |
| 50) Toluene-d8               | 10.443         | 98   | 639874     | 48.43  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 96.86% |        |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95   | 232463     | 46.64  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 93.28% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073          | 85   | 65798      | 16.92  | ug/l   | 96       |
| 3) Chloromethane             | 2.303          | 50   | 73144      | 18.21  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.445          | 62   | 80342      | 19.69  | ug/l   | 98       |
| 5) Bromomethane              | 2.858          | 94   | 42872      | 19.10  | ug/l   | 99       |
| 6) Chloroethane              | 3.019          | 64   | 47790      | 19.87  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.379          | 101  | 104397     | 18.27  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.827          | 74   | 38612      | 18.12  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.218          | 101  | 56540      | 18.40  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.425          | 142  | 58126      | 13.03  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.366          | 59   | 64796      | 81.83  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 4.189          | 96   | 56967      | 17.94  | ug/l   | 92       |
| 13) Acrolein                 | 4.044          | 56   | 25818      | 73.70  | ug/l   | 96       |
| 14) Allyl chloride           | 4.846          | 41   | 99440      | 17.47  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.554          | 53   | 155871     | 87.85  | ug/l   | 99       |
| 16) Acetone                  | 4.288          | 43   | 130468     | 80.67  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.537          | 76   | 150082     | 17.41  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.856          | 43   | 109046     | 17.78  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.615          | 73   | 212727     | 17.99  | ug/l   | 98       |
| 20) Methylene Chloride       | 5.103          | 84   | 65579      | 17.62  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.599          | 96   | 60078      | 17.51  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.498          | 45   | 207889     | 17.56  | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.436          | 43   | 792590     | 88.55  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.388          | 63   | 113912     | 17.71  | ug/l   | 100      |
| 25) 2-Butanone               | 7.335          | 43   | 212937     | 87.07  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.329          | 77   | 103682     | 16.91  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.329          | 96   | 72233      | 17.42  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.659          | 49   | 44116      | 15.14  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.686          | 42   | 143361     | 90.38  | ug/l   | 100      |
| 30) Chloroform               | 7.820          | 83   | 123951     | 18.28  | ug/l   | 98       |
| 31) Cyclohexane              | 8.096          | 56   | 115787     | 17.18  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.016          | 97   | 112468     | 17.80  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.225          | 75   | 87895      | 18.13  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.412          | 43   | 89468      | 17.87  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.209          | 117  | 97781      | 18.37  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.461          | 83   | 112629     | 18.05  | ug/l   | 98       |
| 40) Benzene                  | 8.461          | 78   | 270322     | 18.31  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101321\  
 Data File : VN068897.D  
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 Operator : JC/MD  
 Sample : VN1013WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1013WBSD01

Manual Integrations  
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 10/14/2021 2:28:26 PM

Quant Time: Oct 14 06:42:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 45184    | 17.90  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 94289    | 18.04  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 166386   | 18.84  | ug/l   | 98       |
| 44) Trichloroethene           | 9.217  | 130  | 68379    | 18.51  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 69094    | 18.04  | ug/l   | 99       |
| 46) Dibromomethane            | 9.579  | 93   | 47829    | 18.29  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.764  | 83   | 98593    | 18.20  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 66645    | 16.06  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 25859    | 343.90 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 465525   | 90.89  | ug/l   | 100      |
| 52) Toluene                   | 10.507 | 92   | 176538   | 18.59  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 109976   | 17.92  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 113676   | 17.80  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 68955    | 18.42  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 113733   | 18.09  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 114199   | 18.50  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 143534   | 90.55  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 333504   | 90.79  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.240 | 129  | 76525    | 18.11  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 71081    | 18.51  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.979 | 164  | 61832    | 18.35  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.771 | 112  | 183410   | 18.53  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 71587    | 18.48  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 341368   | 18.57  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.956 | 106  | 260345   | 37.35  | ug/l   | 98       |
| 69) o-Xylene                  | 12.283 | 106  | 128313   | 18.39  | ug/l   | 100      |
| 70) Styrene                   | 12.296 | 104  | 207958   | 18.31  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 56826    | 18.31  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 335099   | 17.70  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.387 | 43   | 130490   | 18.19  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 101674   | 18.58  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 81408m   | 16.82  | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 76298    | 18.22  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.921 | 91   | 373181   | 17.54  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 231182   | 17.63  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 282136   | 17.89  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 32321    | 15.98  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 221858   | 17.51  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 245409   | 17.88  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 272858   | 17.96  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 341822   | 17.98  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 275037   | 18.04  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 133443   | 18.43  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 131933   | 18.36  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.943 | 91   | 218294   | 17.19  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.214 | 117  | 55153    | 17.22  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 129983   | 18.48  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 19222    | 18.22  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 59585    | 17.39  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 36328    | 18.14  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 165743   | 18.32  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 58838    | 17.89  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101321\  
Data File : VN068897.D  
Acq On : 13 Oct 2021 14:57  
Operator : JC/MD  
Sample : VN1013WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
APPROVED

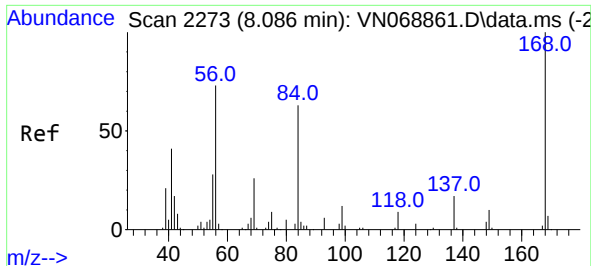
MMDadoda  
10/14/2021 2:28:26 PM

Quant Time: Oct 14 06:42:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

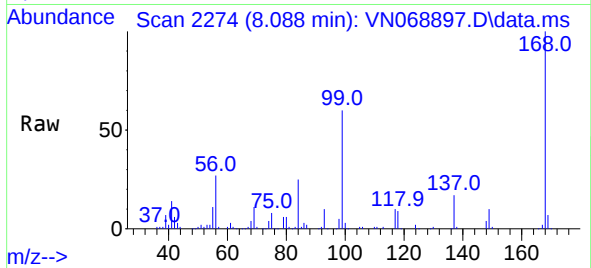
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

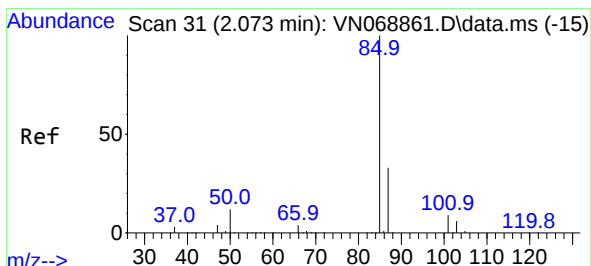
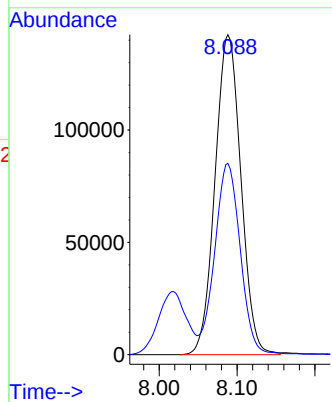
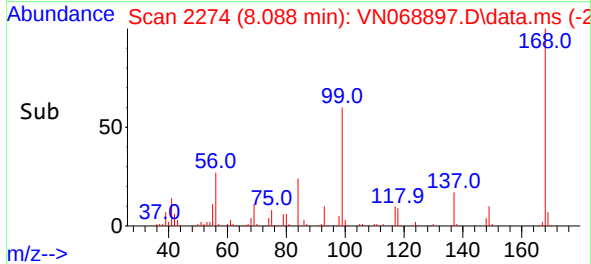




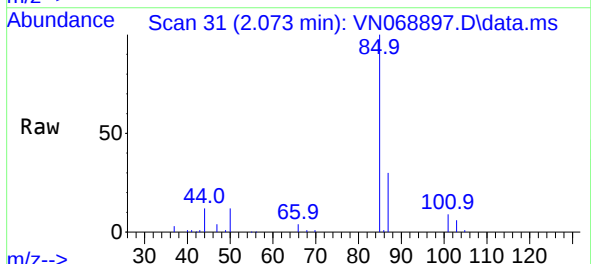
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



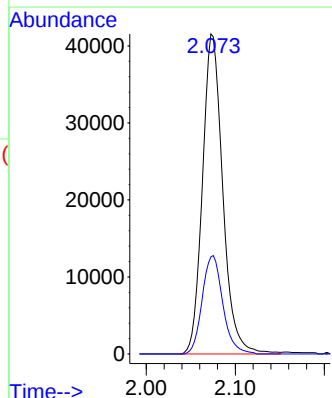
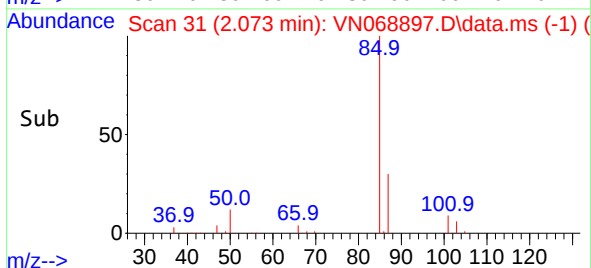
Tgt Ion: 168 Resp: 328691  
Ion Ratio Lower Upper  
168 100  
99 59.4 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 16.92 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



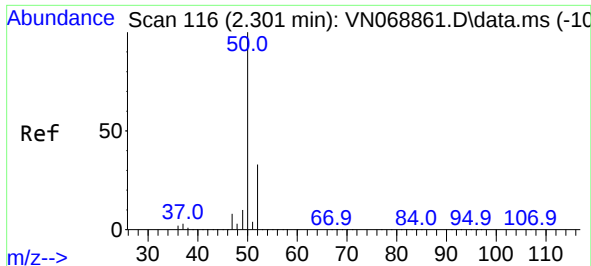
Tgt Ion: 85 Resp: 65798  
Ion Ratio Lower Upper  
85 100  
87 30.4 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

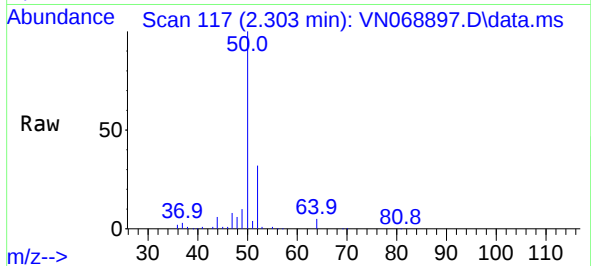
Manual Integrations  
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#3  
Chloromethane  
Concen: 18.21 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

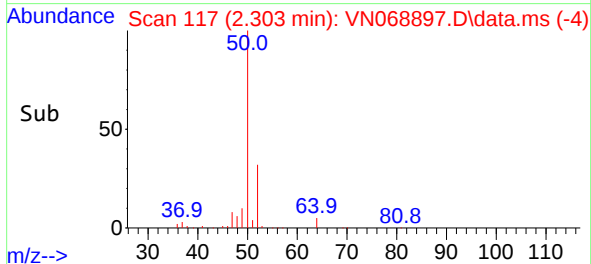
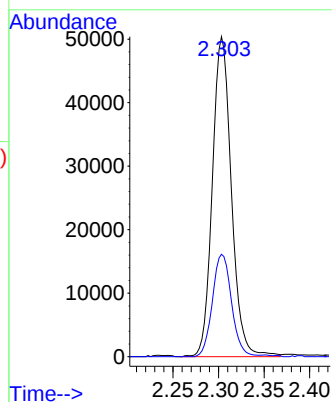
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



Tgt Ion: 50 Resp: 73144  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.3 39.5

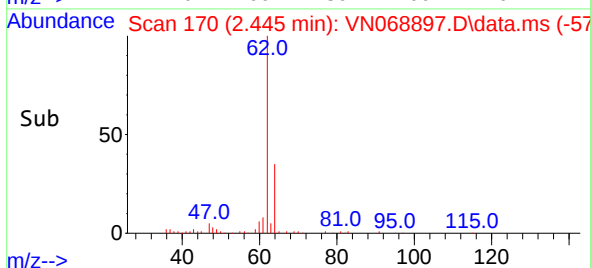
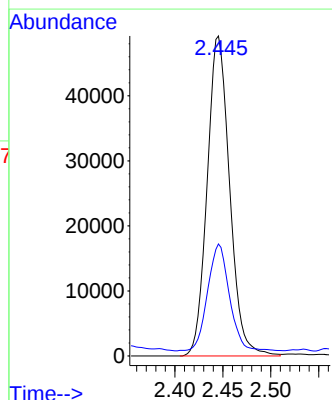
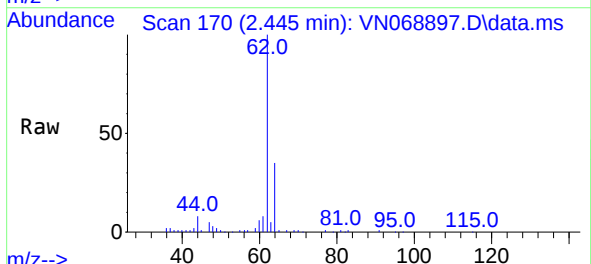
Manual Integrations  
APPROVED

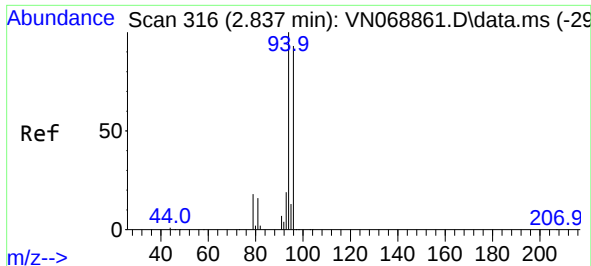
MMDadoda  
10/14/2021 2:28:26 PM



#4  
Vinyl Chloride  
Concen: 19.69 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

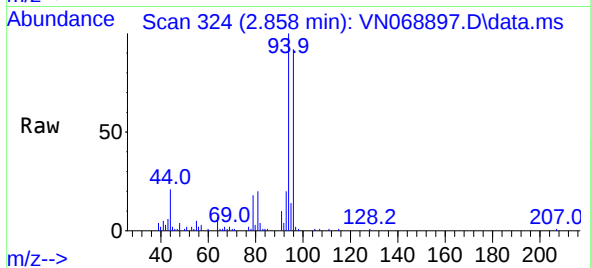
Tgt Ion: 62 Resp: 80342  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.7 38.5





#5  
Bromomethane  
Concen: 19.10 ug/l  
RT: 2.858 min Scan# 324  
Delta R.T. 0.021 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

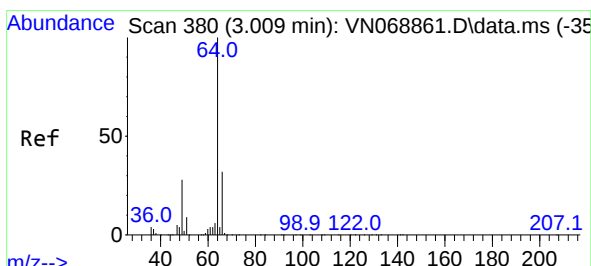
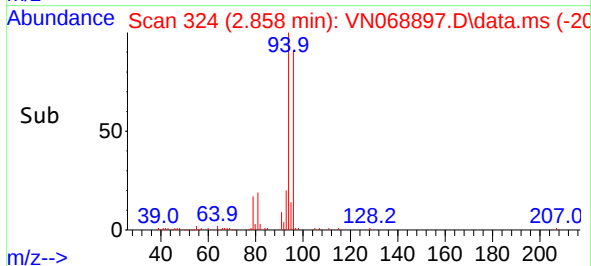
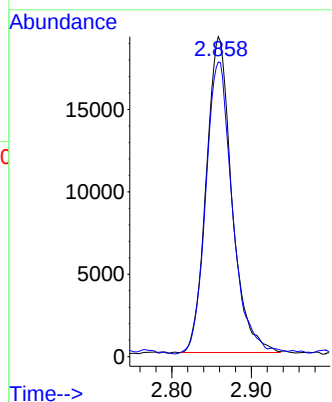
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



Tgt Ion: 94 Resp: 42872  
Ion Ratio Lower Upper  
94 100  
96 92.0 74.2 111.4

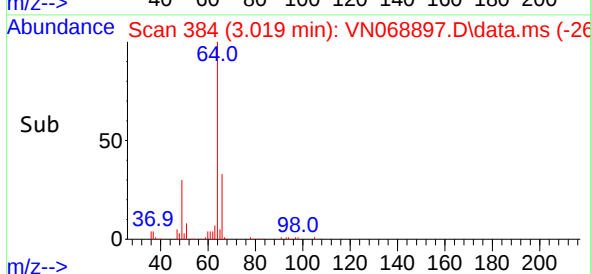
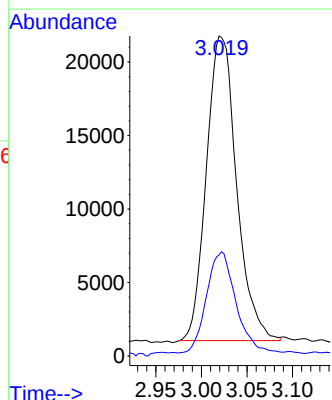
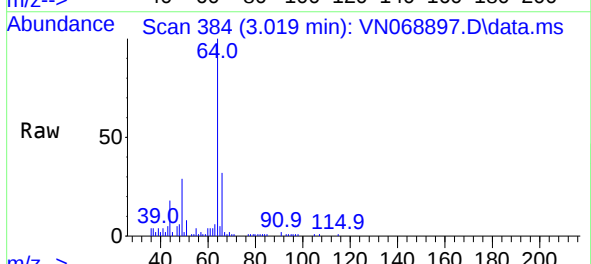
Manual Integrations  
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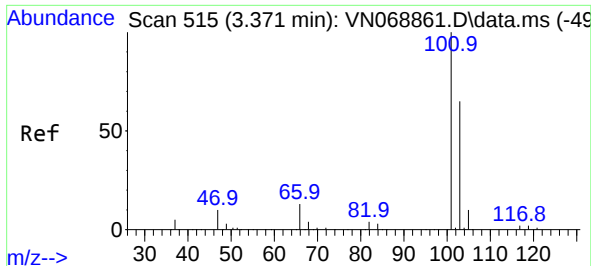
MMDadoda  
10/14/2021 2:28:26 PM



#6  
Chloroethane  
Concen: 19.87 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.011 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 64 Resp: 47790  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.6 38.4





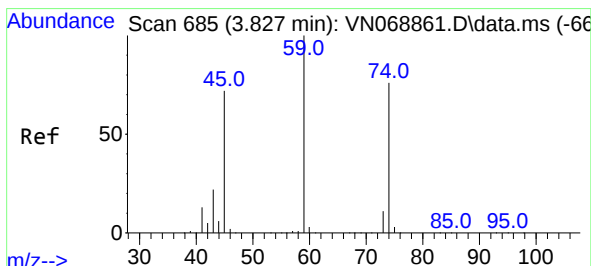
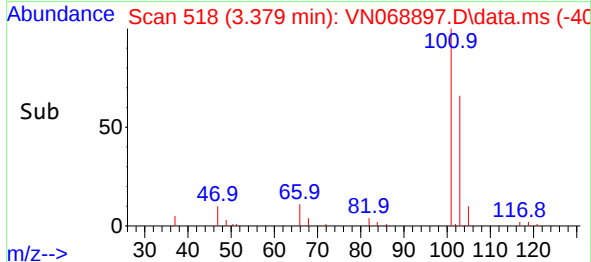
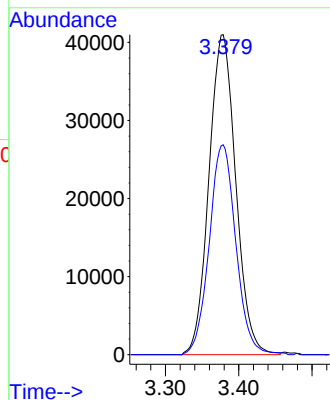
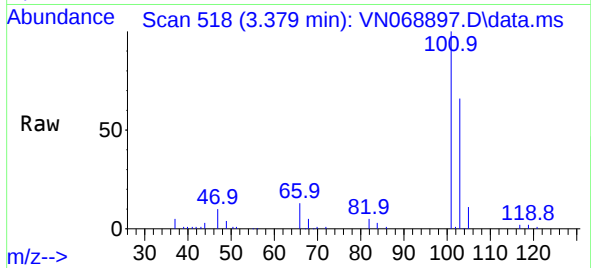
#7  
 Trichlorofluoromethane  
 Concen: 18.27 ug/l  
 RT: 3.379 min Scan# 518  
 Delta R.T. 0.008 min  
 Lab File: VN068897.D  
 Acq: 13 Oct 2021 14:57

Tgt Ion:101 Resp: 104397  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 51.7 77.5

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1013WBSD01

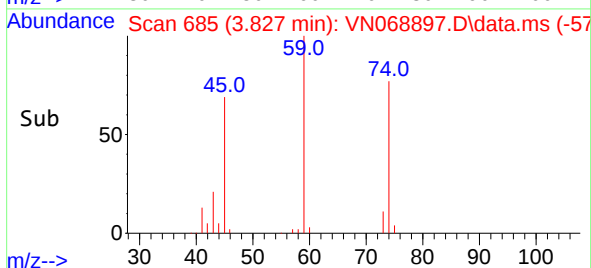
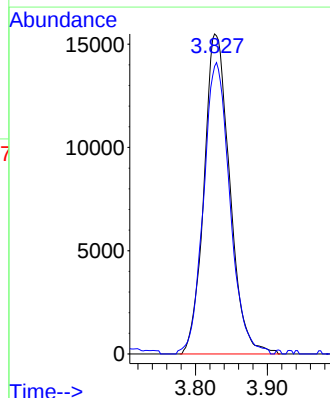
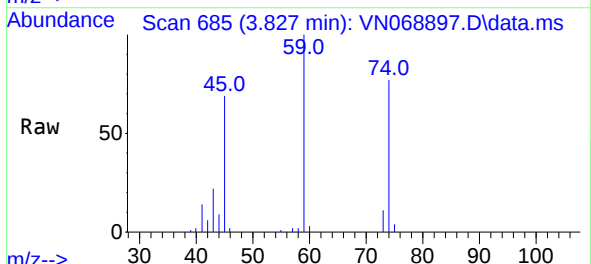
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#8  
 Diethyl Ether  
 Concen: 18.12 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. -0.000 min  
 Lab File: VN068897.D  
 Acq: 13 Oct 2021 14:57

Tgt Ion: 74 Resp: 38612  
 Ion Ratio Lower Upper  
 74 100  
 45 93.2 47.0 141.2





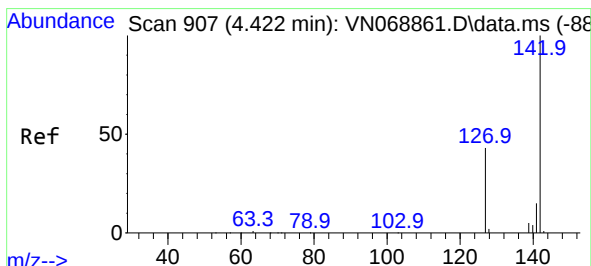
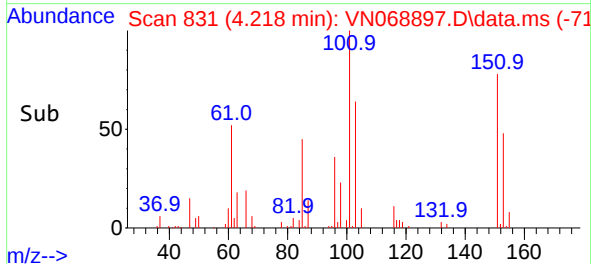
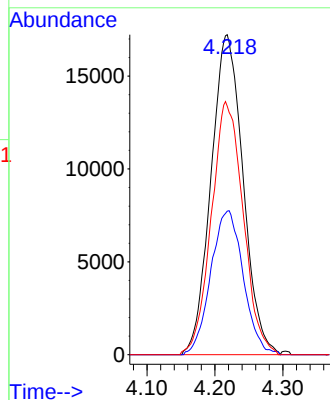
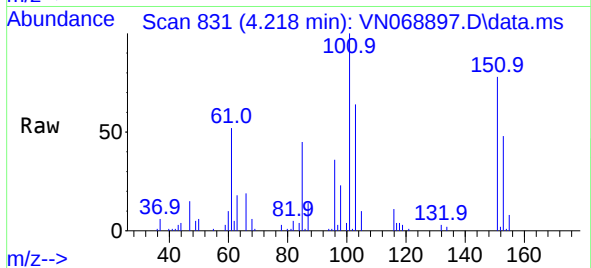
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.40 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 56540 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.5  | 37.2  | 55.8  |
| 151      | 78.5  | 61.1  | 91.7  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

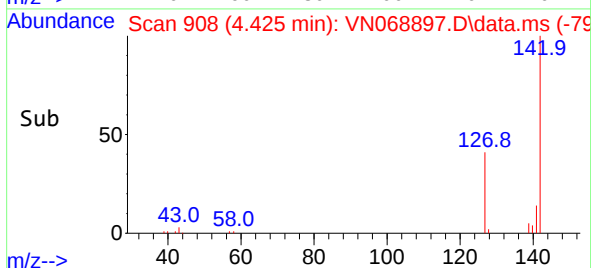
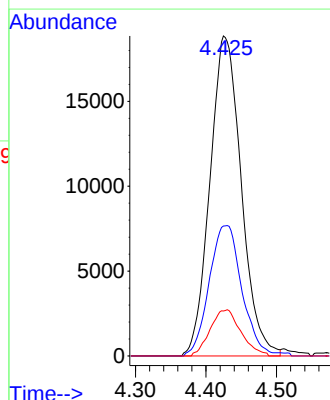
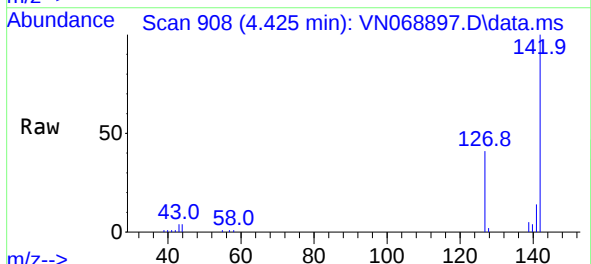
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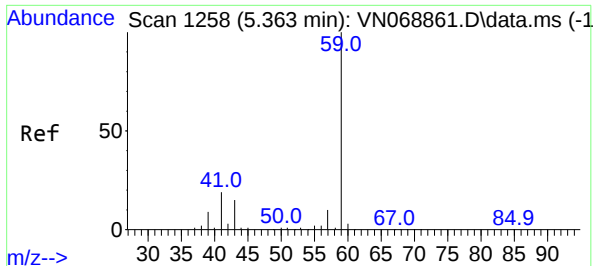
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#10  
Methyl Iodide  
Concen: 13.03 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 58126 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 42.8  | 34.4  | 51.6  |
| 141      | 14.2  | 11.3  | 16.9  |





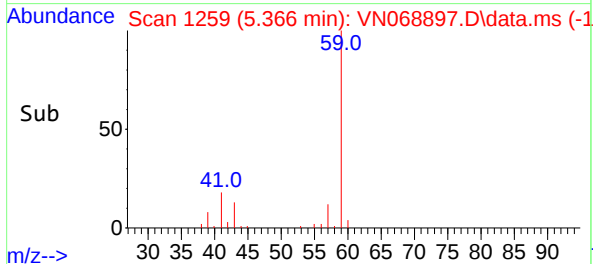
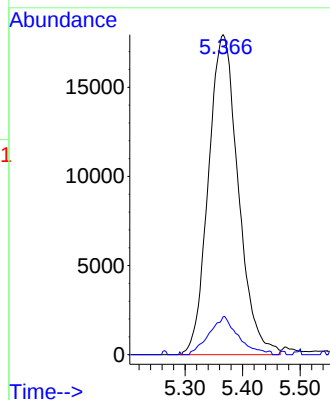
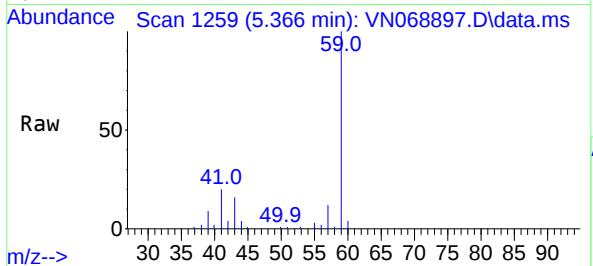
#11  
Tert butyl alcohol  
Concen: 81.83 ug/l  
RT: 5.366 min Scan# 1259  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 59 Resp: 64796  
Ion Ratio Lower Upper  
59 100  
57 11.5 8.3 12.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

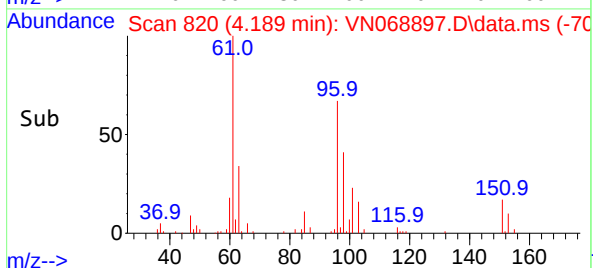
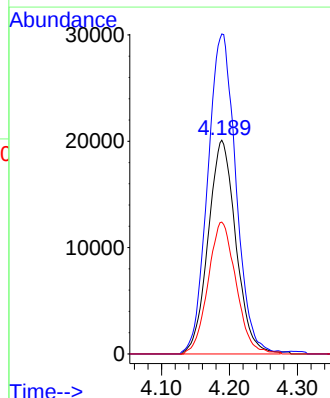
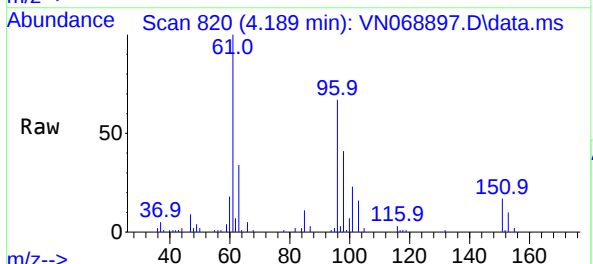
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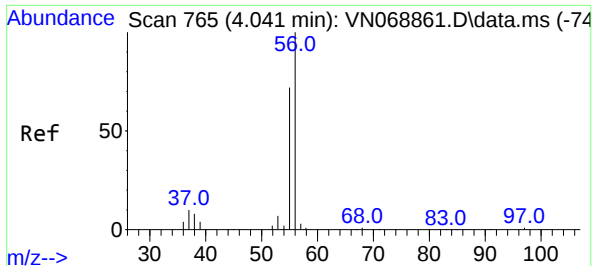
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#12  
1,1-Dichloroethene  
Concen: 17.94 ug/l  
RT: 4.189 min Scan# 820  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 96 Resp: 56967  
Ion Ratio Lower Upper  
96 100  
61 149.7 129.8 194.6  
98 61.6 51.4 77.2





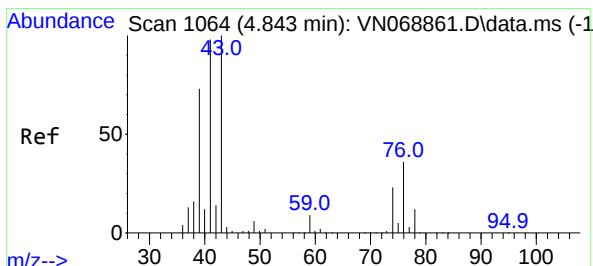
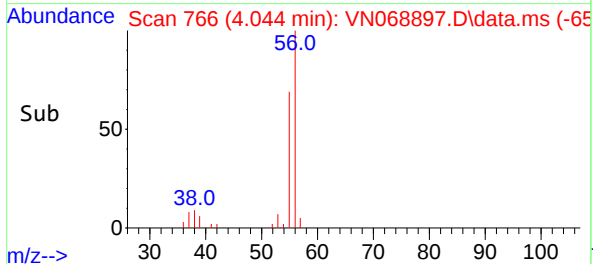
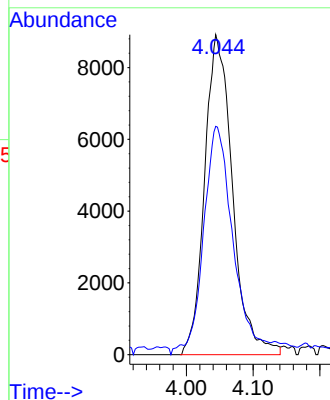
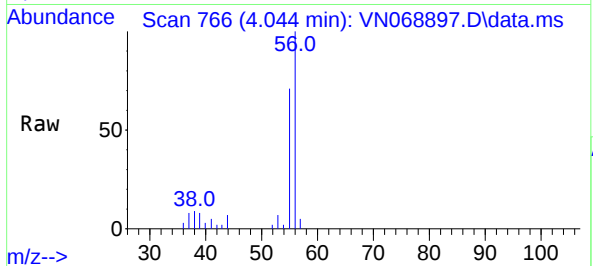
#13  
Acrolein  
Concen: 73.70 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 56 Resp: 25818  
Ion Ratio Lower Upper  
56 100  
55 75.7 58.1 87.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

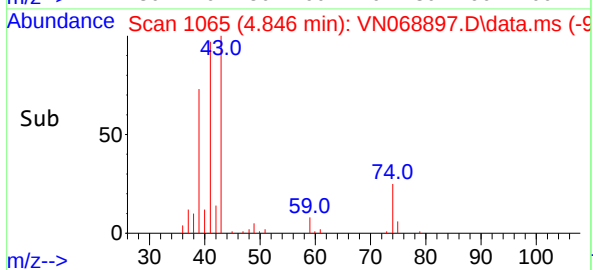
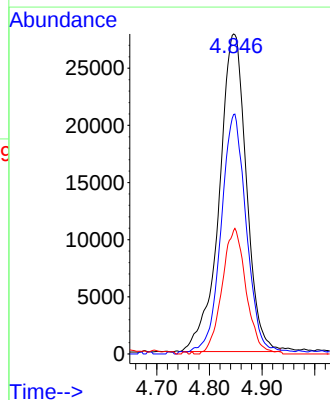
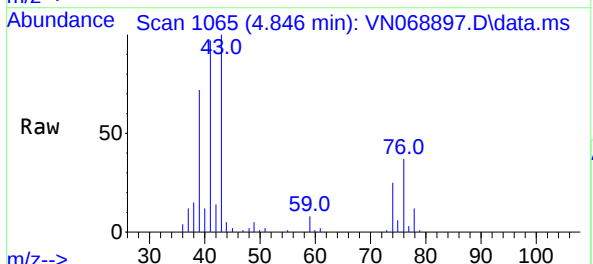
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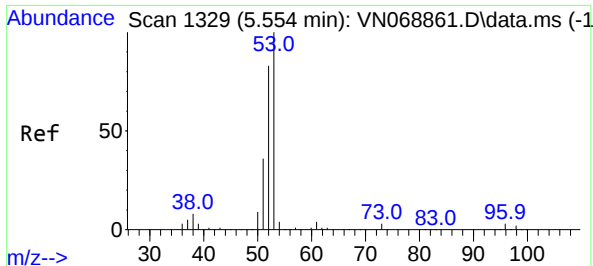
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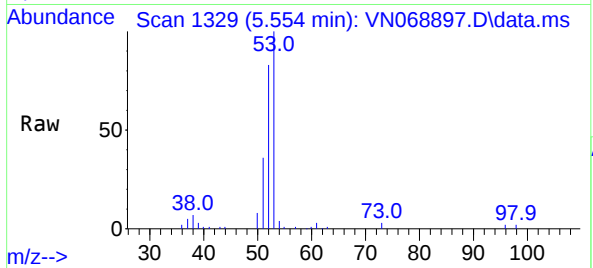
#14  
Allyl chloride  
Concen: 17.47 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 41 Resp: 99440  
Ion Ratio Lower Upper  
41 100  
39 68.9 55.6 83.4  
76 34.9 26.4 39.6

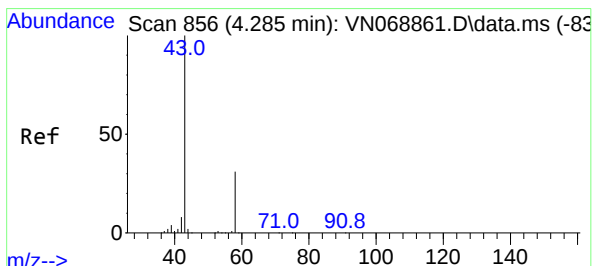
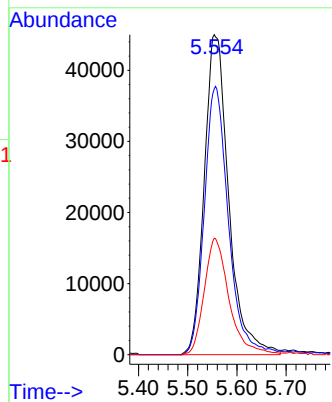
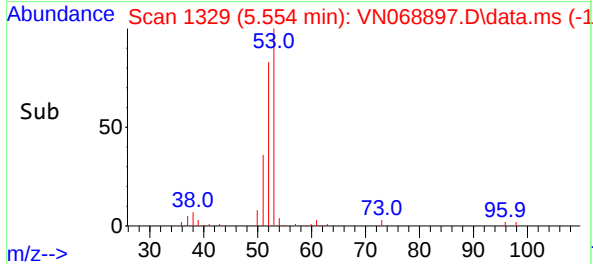




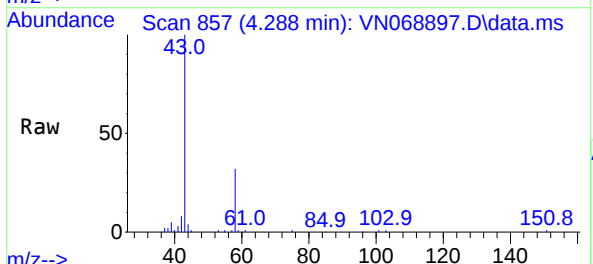
#15  
Acrylonitrile  
Concen: 87.85 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



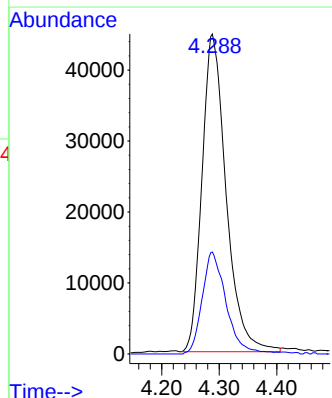
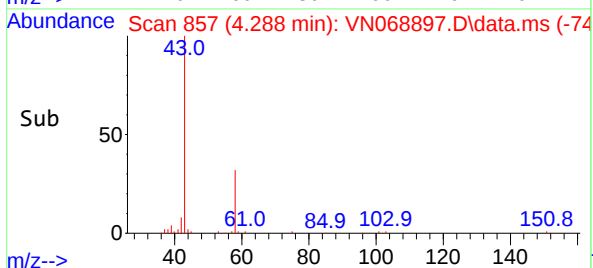
Tgt Ion: 53 Resp: 155871  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.7 98.5  
51 36.8 28.9 43.3



#16  
Acetone  
Concen: 80.67 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



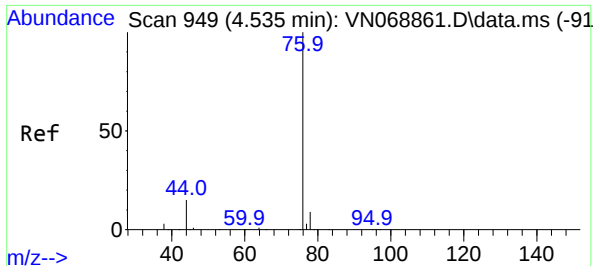
Tgt Ion: 43 Resp: 130468  
Ion Ratio Lower Upper  
43 100  
58 32.1 24.5 36.7



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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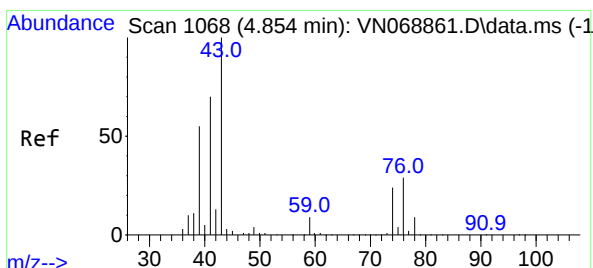
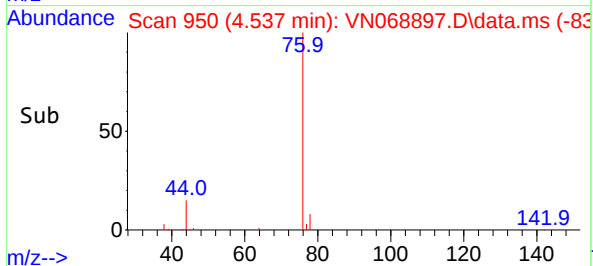
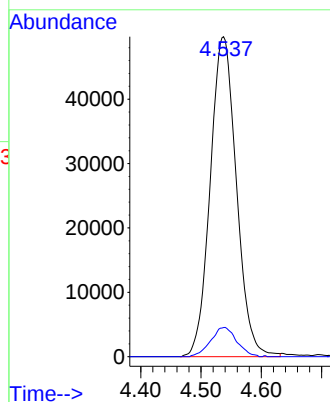
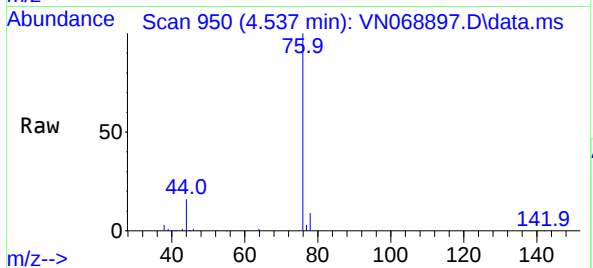
#17  
Carbon Disulfide  
Concen: 17.41 ug/l  
RT: 4.537 min Scan# 950  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 76 Resp: 150082  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

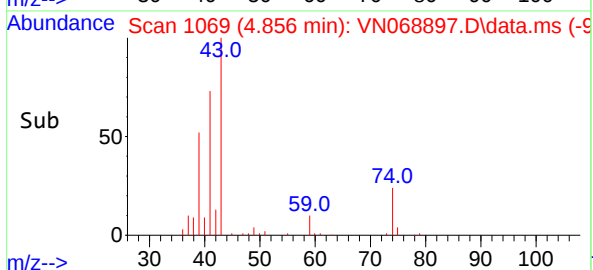
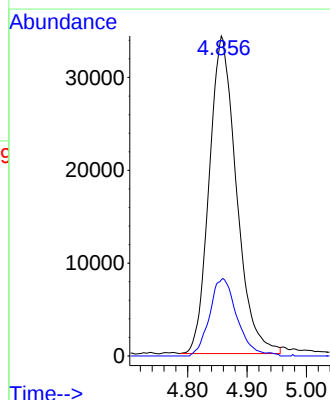
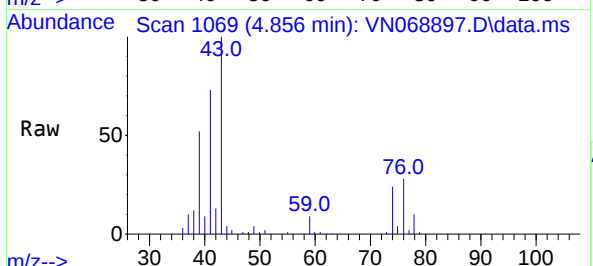
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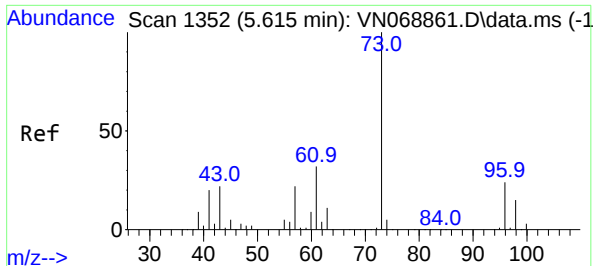
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#18  
Methyl Acetate  
Concen: 17.78 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 43 Resp: 109046  
Ion Ratio Lower Upper  
43 100  
74 24.3 18.9 28.3

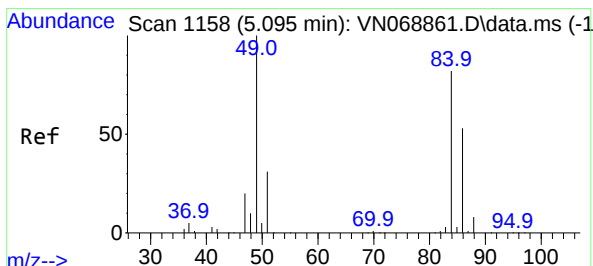
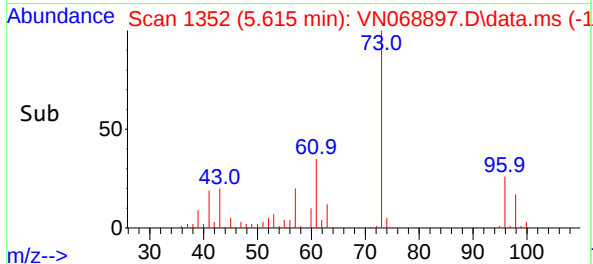
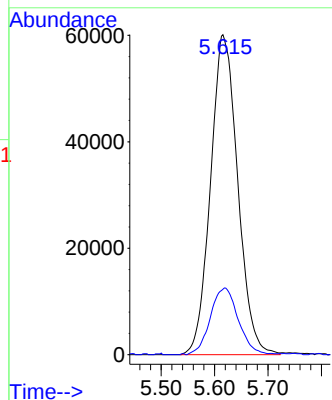
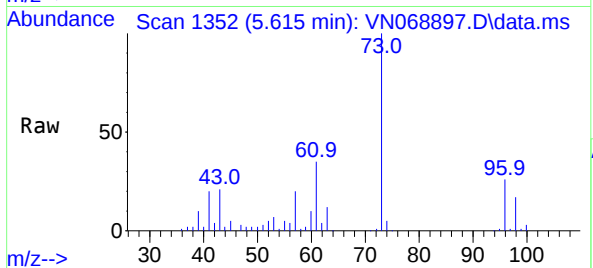




#19

Methyl tert-butyl Ether  
Concen: 17.99 ug/l  
RT: 5.615 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

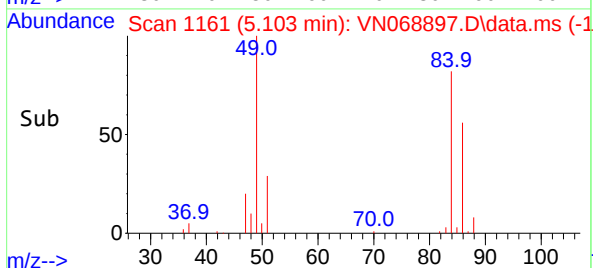
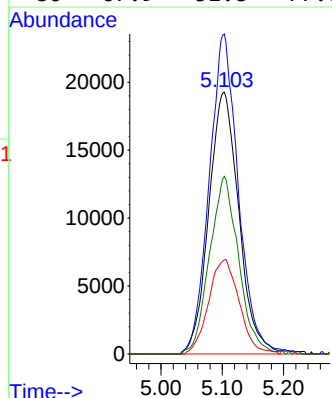
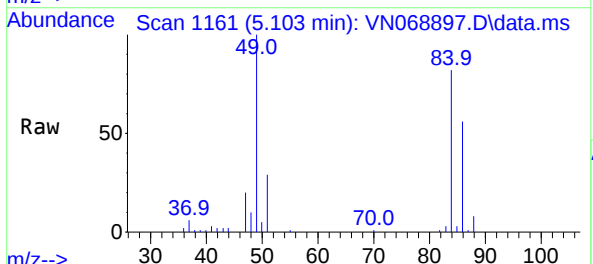
Tgt Ion: 73 Resp: 212727  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9



#20

Methylene Chloride  
Concen: 17.62 ug/l  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.008 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

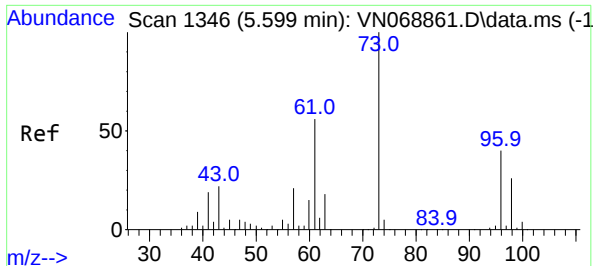
Tgt Ion: 84 Resp: 65579  
Ion Ratio Lower Upper  
84 100  
49 122.3 97.6 146.4  
51 36.0 30.3 45.5  
86 67.9 51.8 77.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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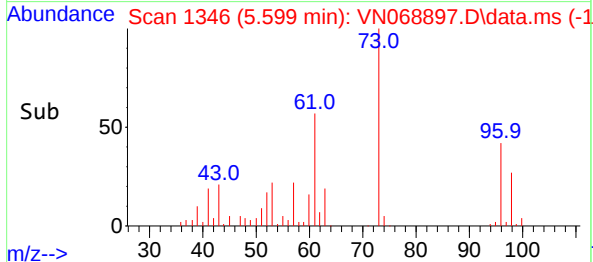
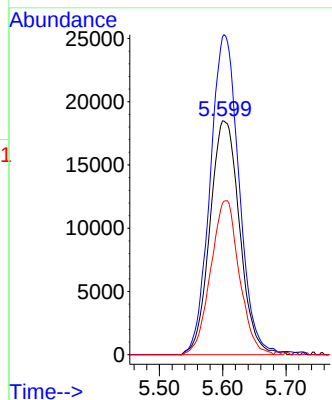
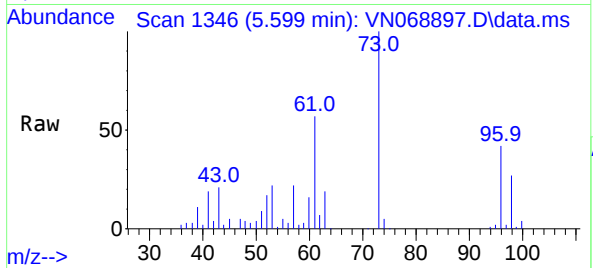
#21  
trans-1,2-Dichloroethene  
Concen: 17.51 ug/l  
RT: 5.599 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 96 Resp: 60078  
Ion Ratio Lower Upper  
96 100  
61 136.1 112.4 168.6  
98 64.8 52.0 78.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

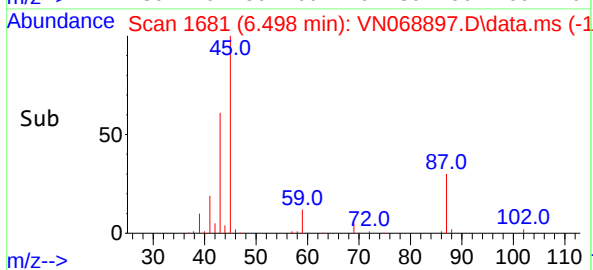
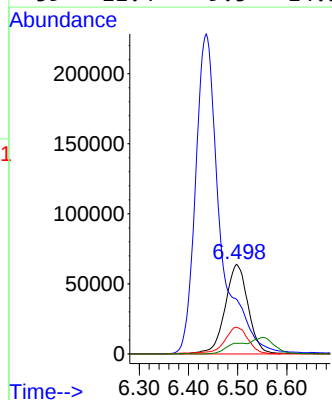
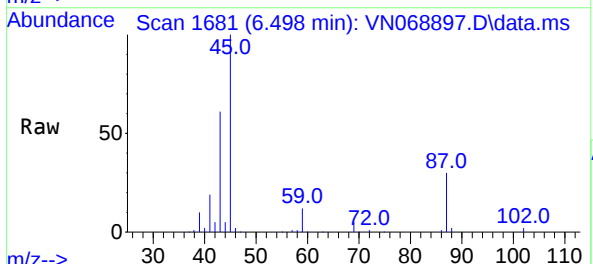
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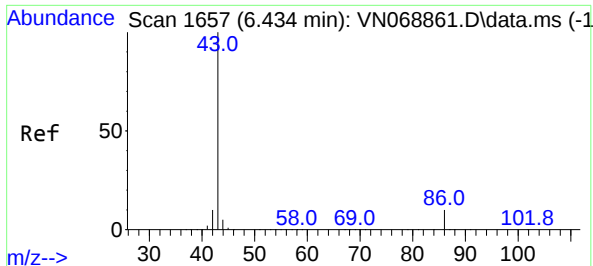
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#22  
Diisopropyl ether  
Concen: 17.56 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 45 Resp: 207889  
Ion Ratio Lower Upper  
45 100  
43 57.6 48.0 72.0  
87 29.7 23.4 35.0  
59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 88.55 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.003 min

Lab File: VN068897.D

Acq: 13 Oct 2021 14:57

Tgt Ion: 43 Resp: 792590

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5

Instrument :

MSVOA\_N

ClientSampleId :

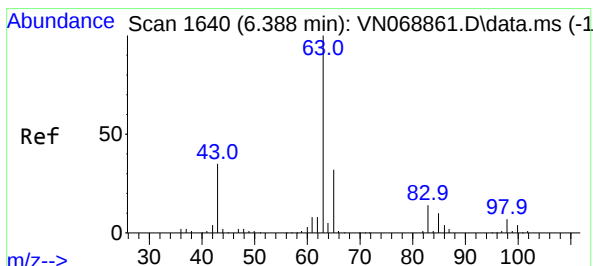
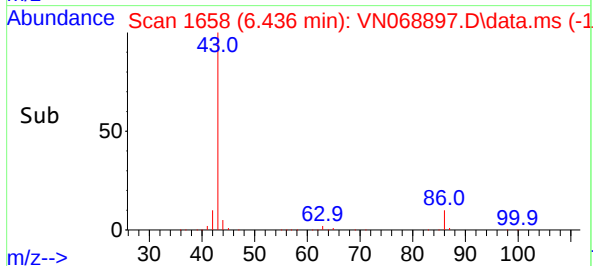
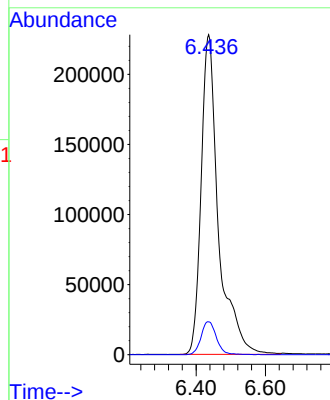
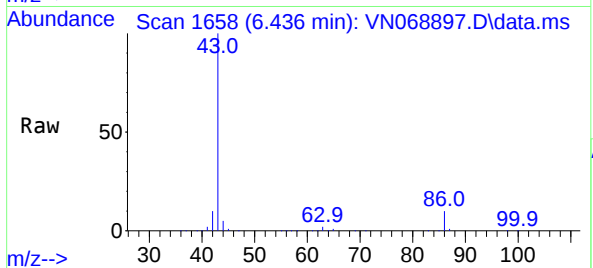
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#24

1,1-Dichloroethane

Concen: 17.71 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VN068897.D

Acq: 13 Oct 2021 14:57

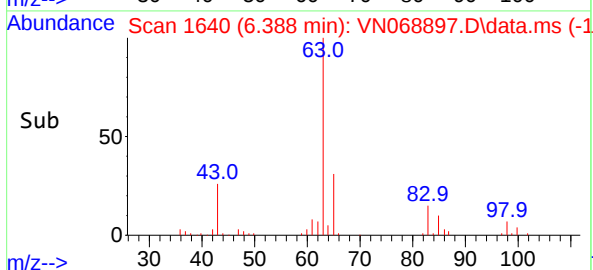
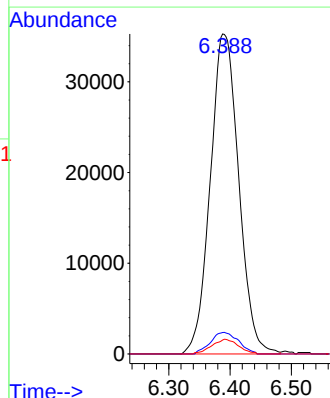
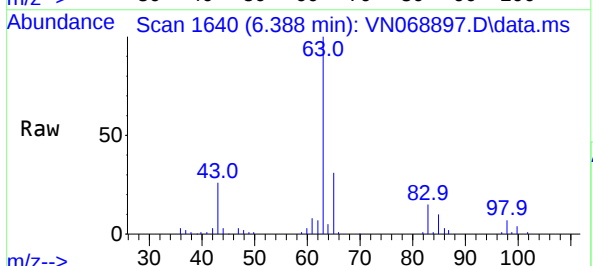
Tgt Ion: 63 Resp: 113912

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.1 6.5





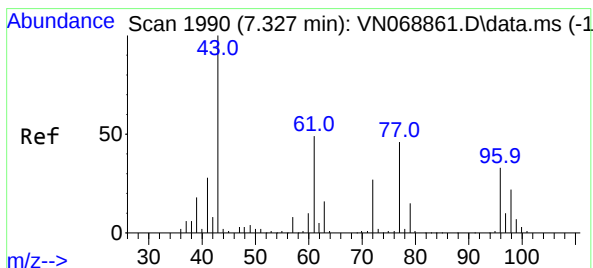
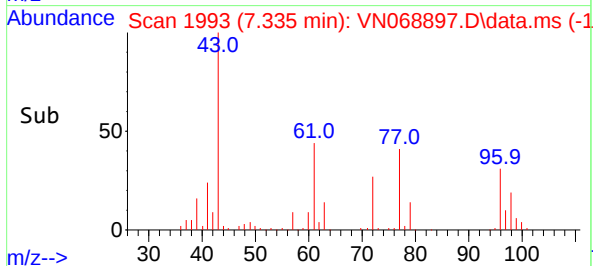
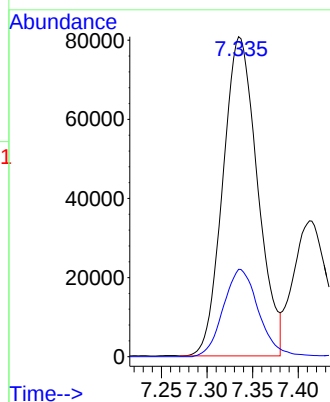
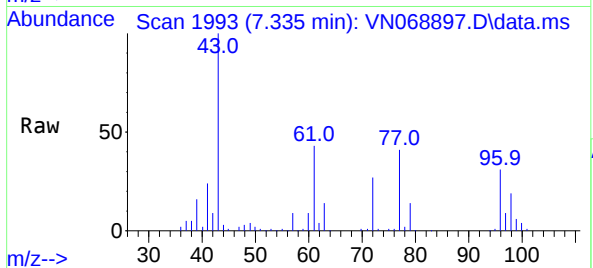
#25  
2-Butanone  
Concen: 87.07 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 43 Resp: 212937  
Ion Ratio Lower Upper  
43 100  
72 27.4 21.2 31.8

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1013WBSD01

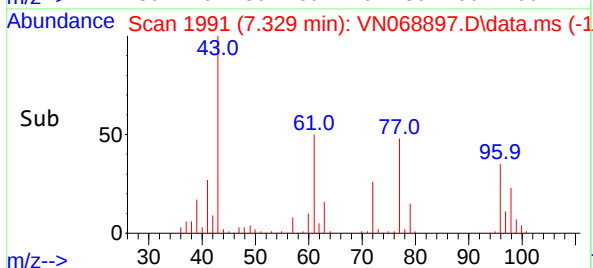
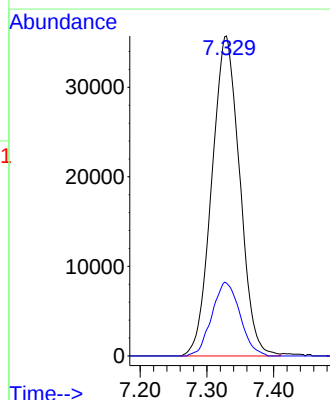
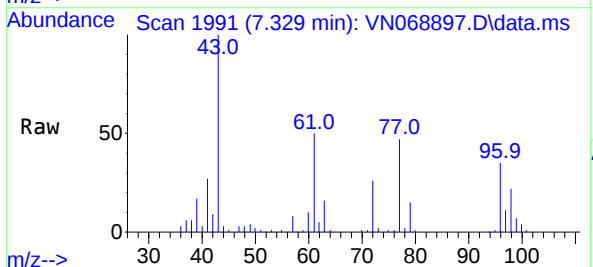
Manual Integrations  
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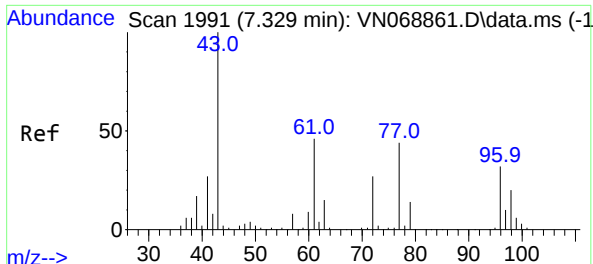
MMDadoda  
10/14/2021 2:28:26 PM



#26  
2,2-Dichloropropane  
Concen: 16.91 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 77 Resp: 103682  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.2 33.6





#27  
cis-1,2-Dichloroethene  
Concen: 17.42 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

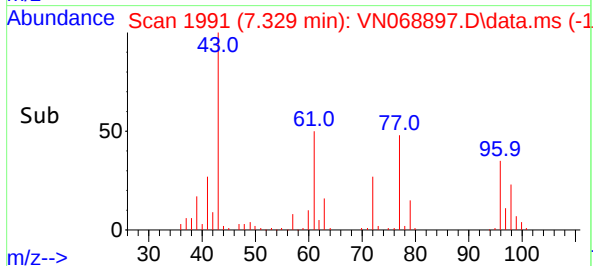
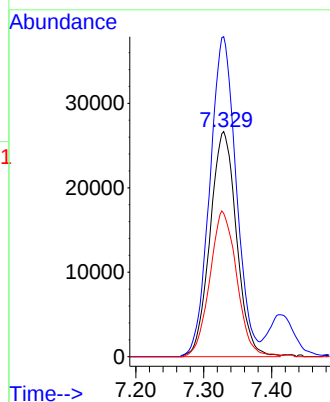
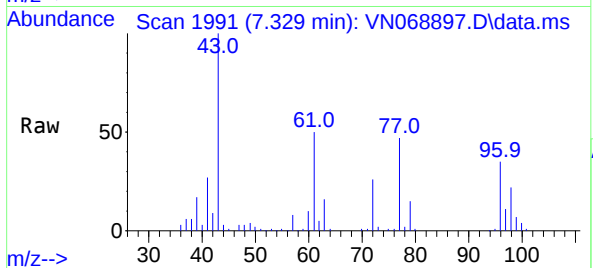
Tgt Ion: 96 Resp: 72233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.7 | 0.0   | 290.6 |
| 98  | 65.9  | 0.0   | 127.2 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
APPROVED

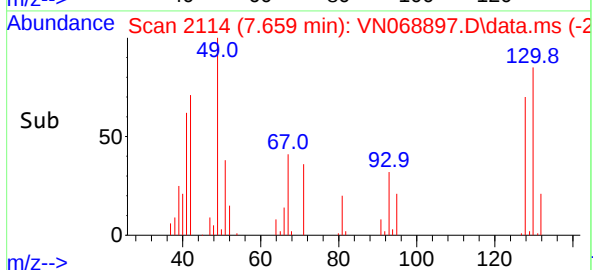
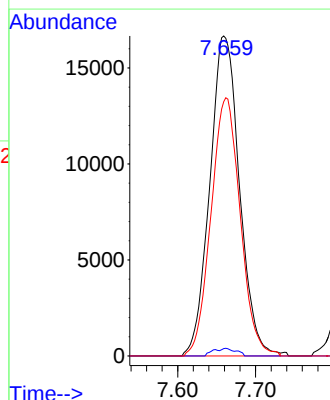
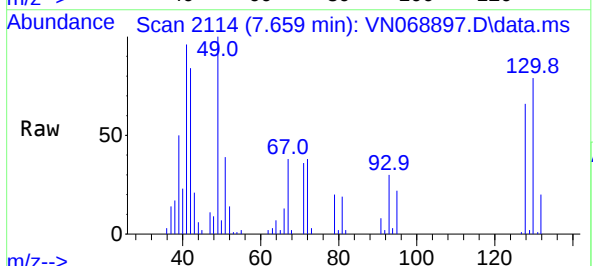
MMDadoda  
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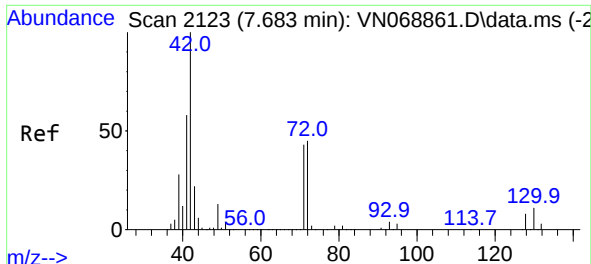


#28  
Bromochloromethane  
Concen: 15.14 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 49 Resp: 44116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.2   | 0.0   | 4.4   |
| 130 | 79.5  | 60.8  | 91.2  |





#29  
Tetrahydrofuran  
Concen: 90.38 ug/l  
RT: 7.686 min Scan# 2124  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

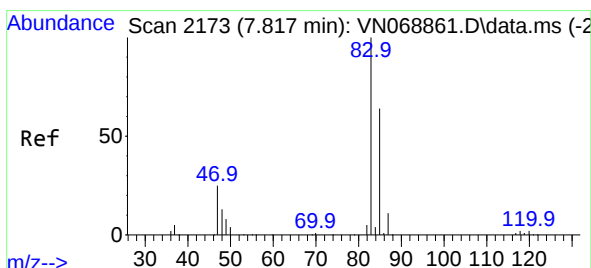
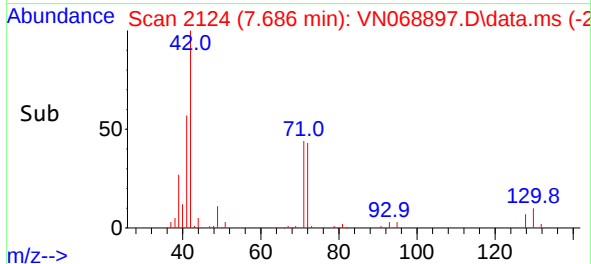
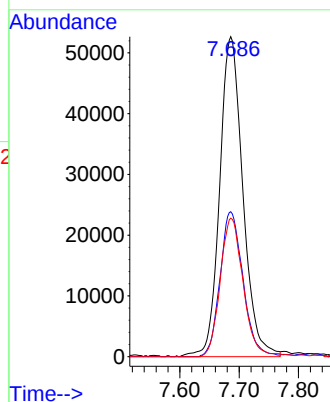
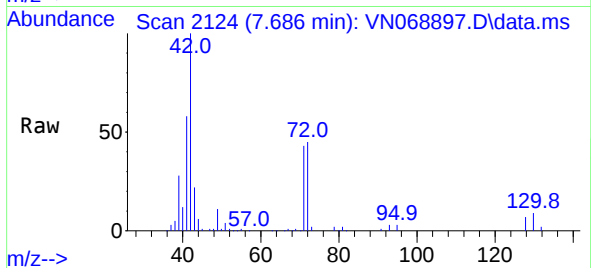
Tgt Ion: 42 Resp: 143361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 44.7  | 35.4  | 53.2  |
| 71  | 42.3  | 33.8  | 50.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
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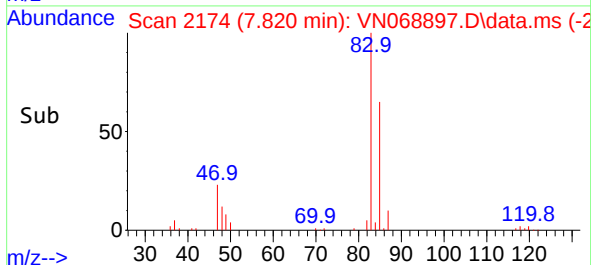
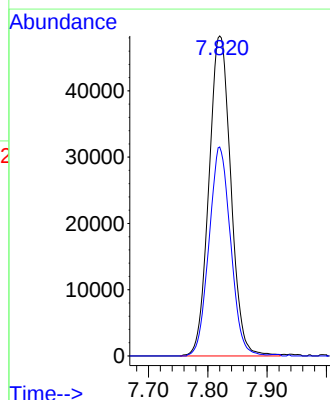
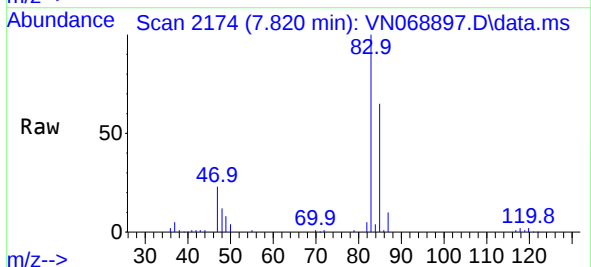
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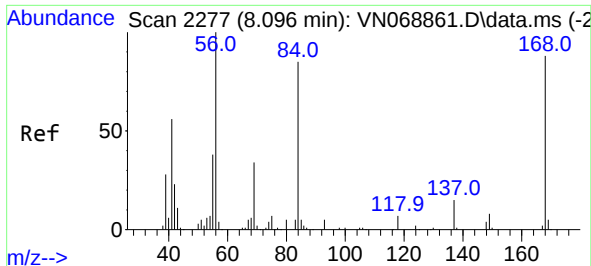


#30  
Chloroform  
Concen: 18.28 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 83 Resp: 123951

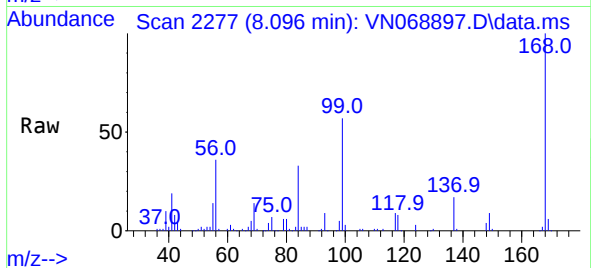
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.3  | 51.1  | 76.7  |





#31  
Cyclohexane  
Concen: 17.18 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

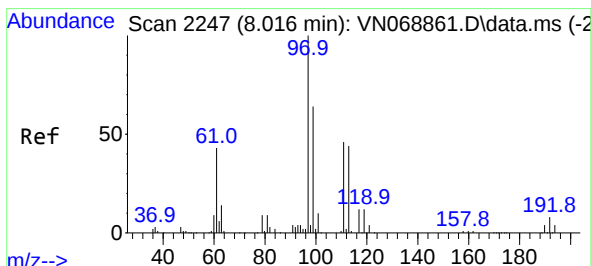
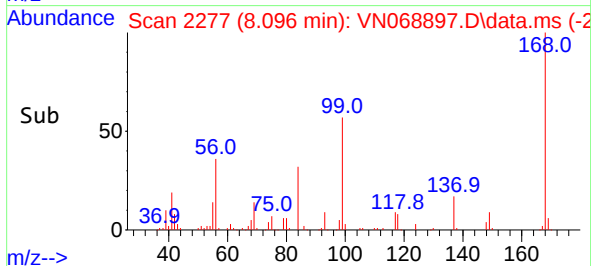
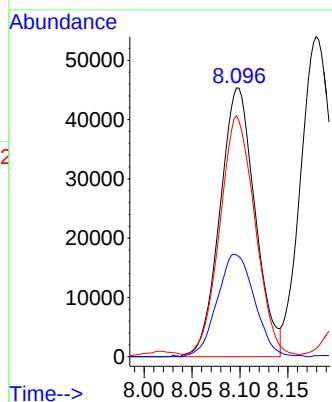
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



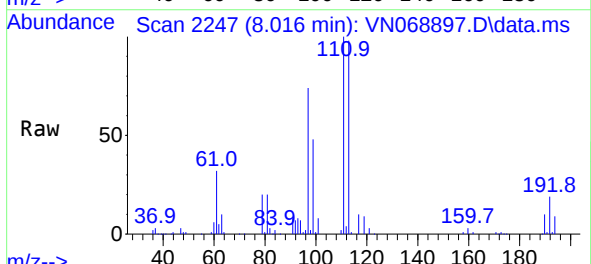
Tgt Ion: 56 Resp: 115787  
Ion Ratio Lower Upper  
56 100  
69 37.8 26.9 40.3  
84 88.6 67.6 101.4

Manual Integrations  
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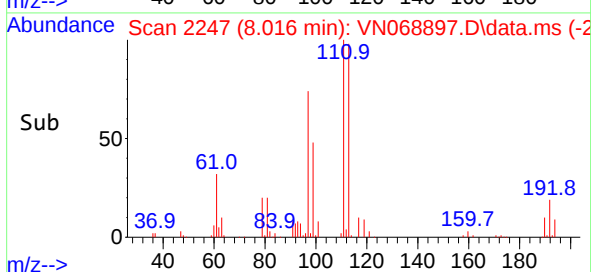
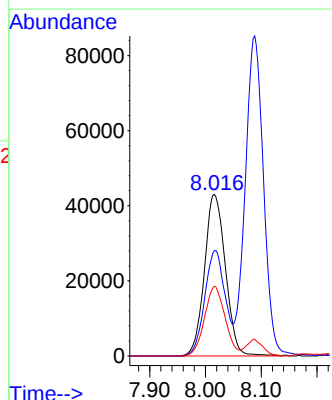
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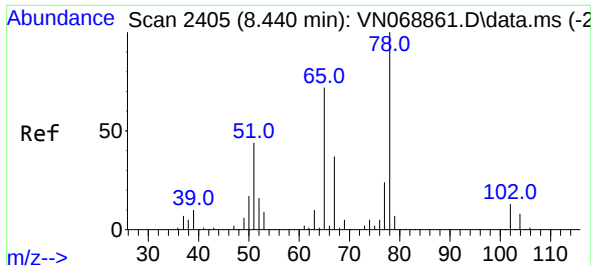


#32  
1,1,1-Trichloroethane  
Concen: 17.80 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 97 Resp: 112468  
Ion Ratio Lower Upper  
97 100  
99 62.9 50.8 76.2  
61 42.2 34.6 51.8





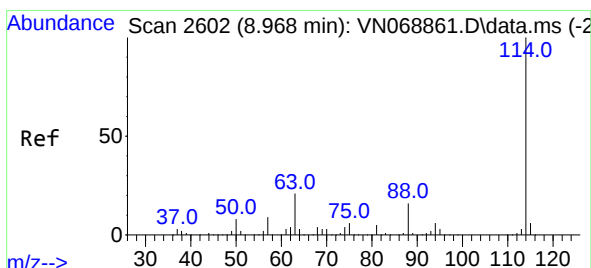
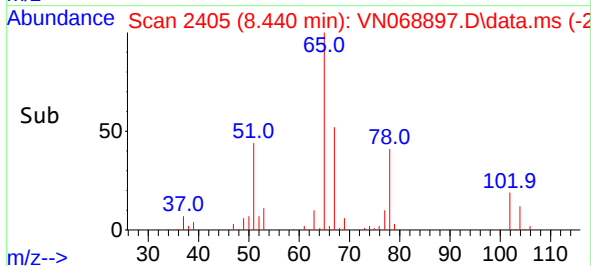
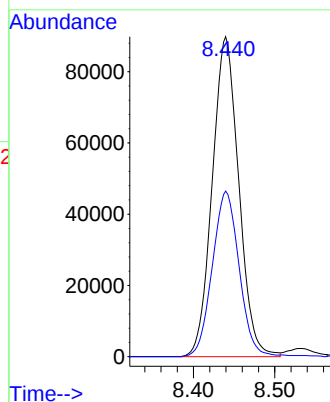
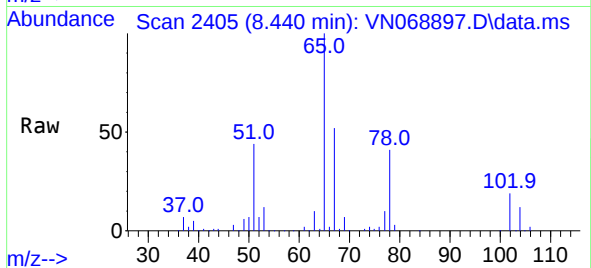
#33  
1,2-Dichloroethane-d4  
Concen: 46.94 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 65 Resp: 203440  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

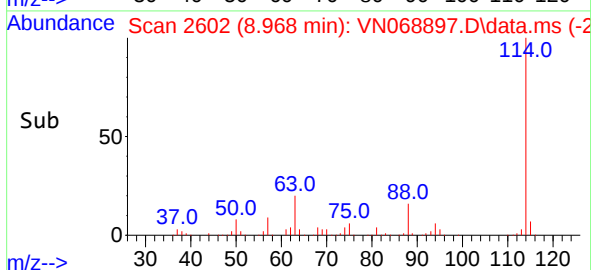
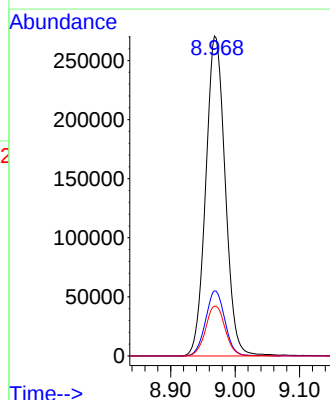
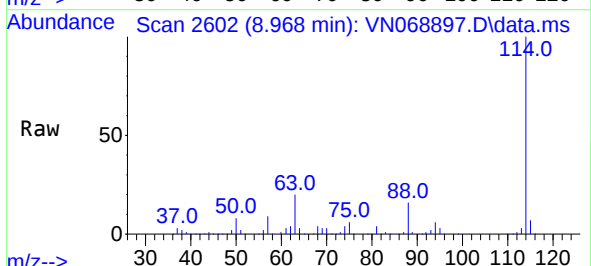
Manual Integrations  
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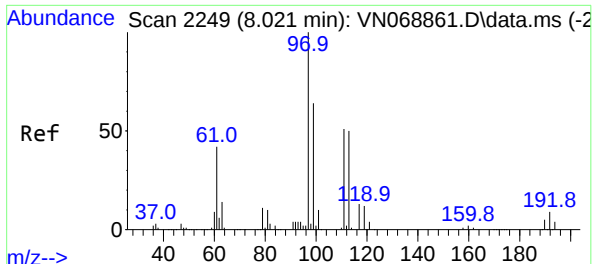
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 114 Resp: 567530  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.6  
88 15.6 0.0 32.0





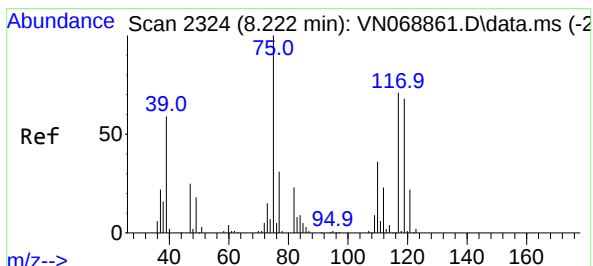
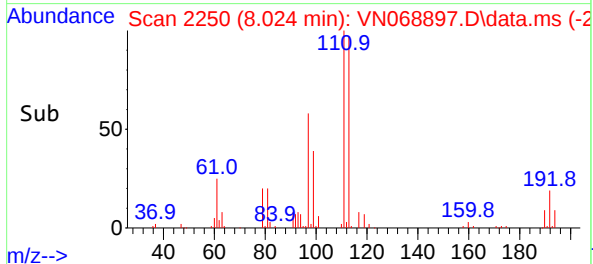
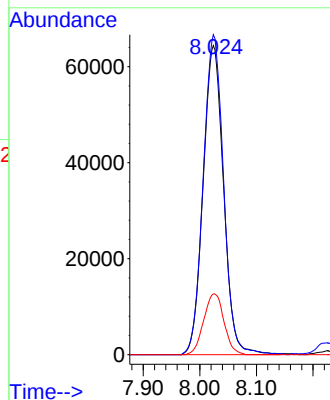
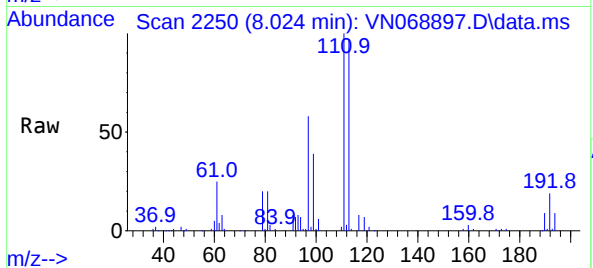
#35  
Dibromofluoromethane  
Concen: 48.85 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 113 Resp: 161304  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.2 124.8  
192 19.6 15.0 22.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

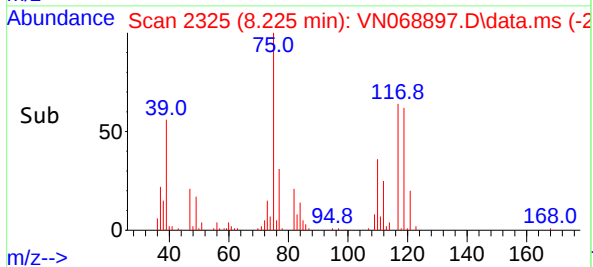
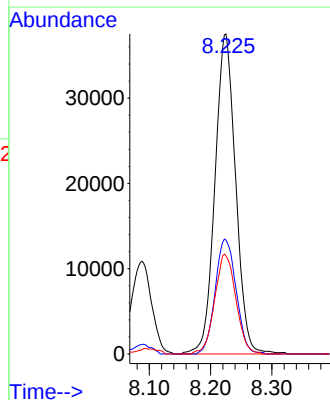
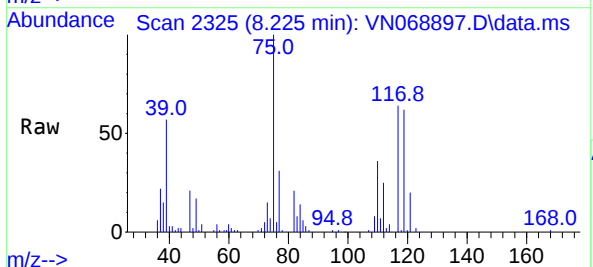
Manual Integrations  
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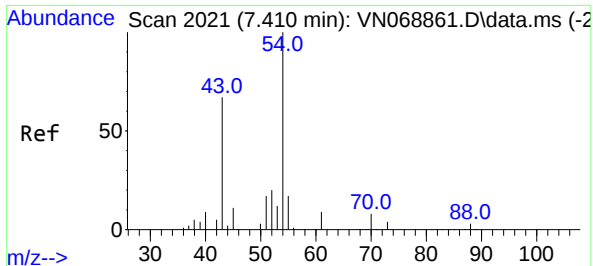
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#36  
1,1-Dichloropropene  
Concen: 18.13 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 75 Resp: 87895  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.9 53.8  
77 32.0 24.7 37.1





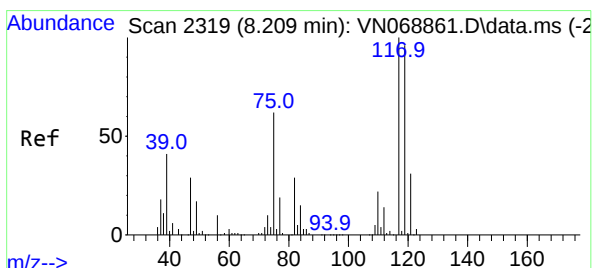
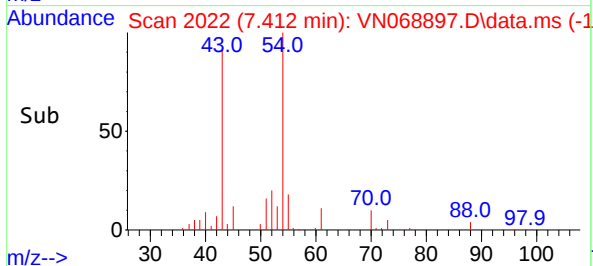
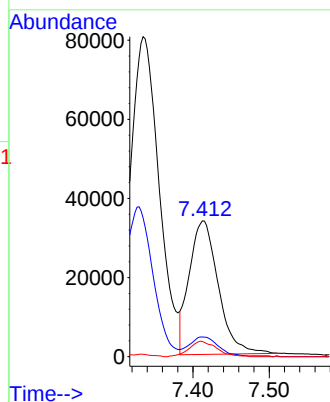
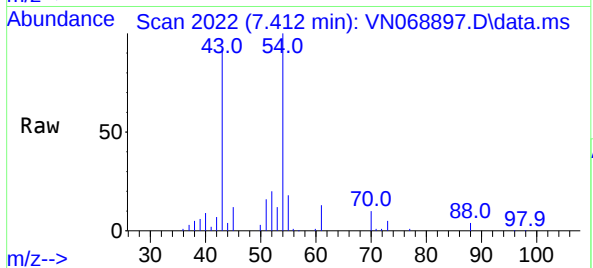
#37  
Ethyl Acetate  
Concen: 17.87 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 89468 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.1  | 11.2  | 16.8  |
| 70       | 10.9  | 8.4   | 12.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

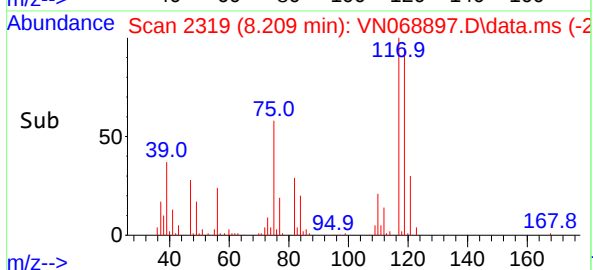
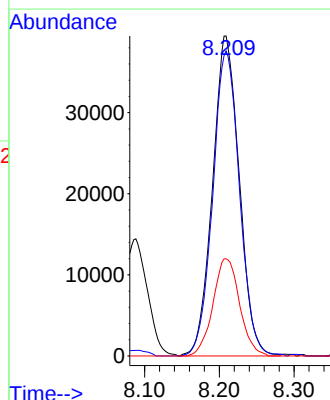
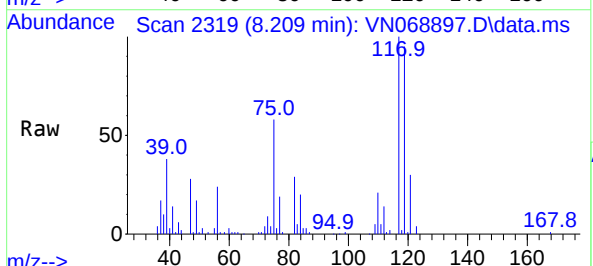
Manual Integrations  
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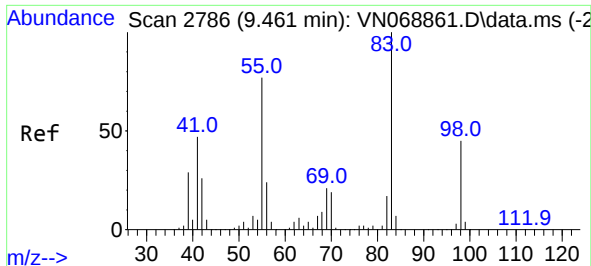
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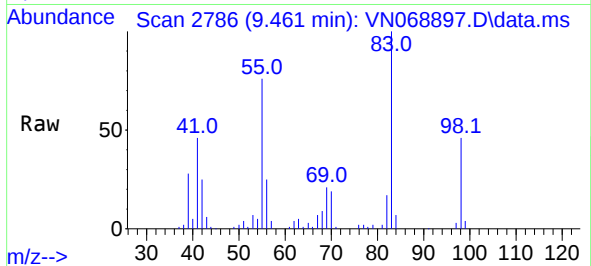
#38  
Carbon Tetrachloride  
Concen: 18.37 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 97781 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.3  | 76.9  | 115.3 |
| 121      | 30.3  | 24.6  | 37.0  |

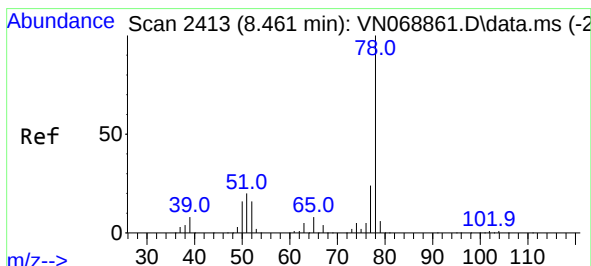
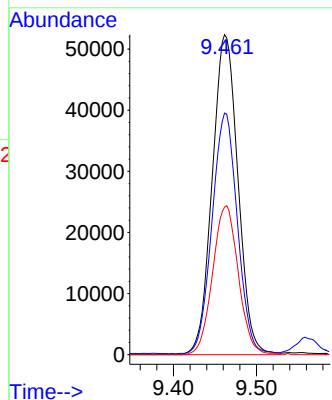
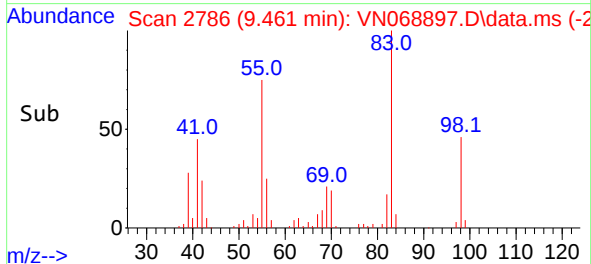




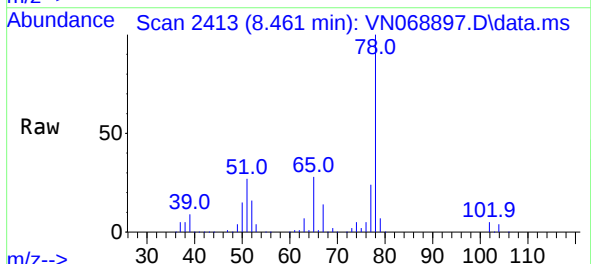
#39  
Methylcyclohexane  
Concen: 18.05 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



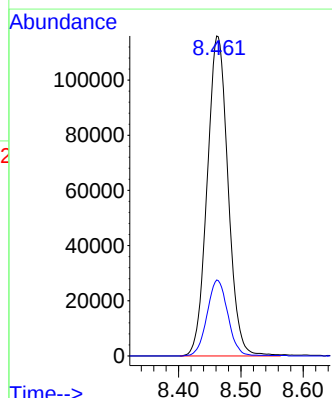
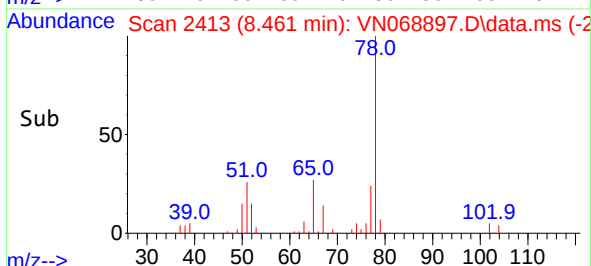
Tgt Ion: 83 Resp: 112629  
Ion Ratio Lower Upper  
83 100  
55 75.1 61.4 92.0  
98 46.1 36.4 54.6



#40  
Benzene  
Concen: 18.31 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



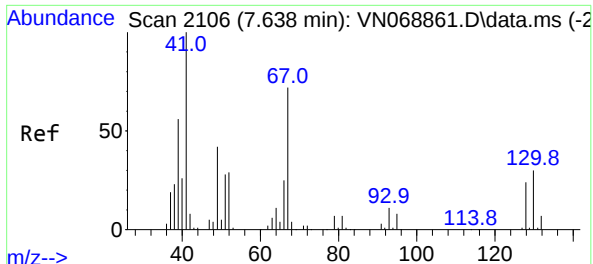
Tgt Ion: 78 Resp: 270322  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.1 28.7



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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#41  
Methacrylonitrile  
Concen: 17.90 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

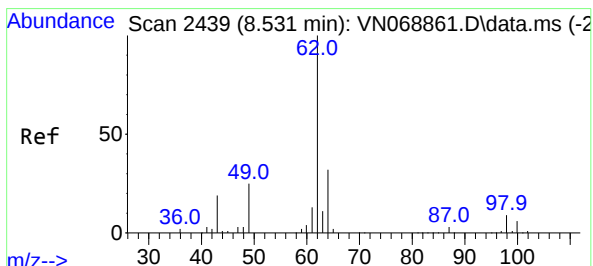
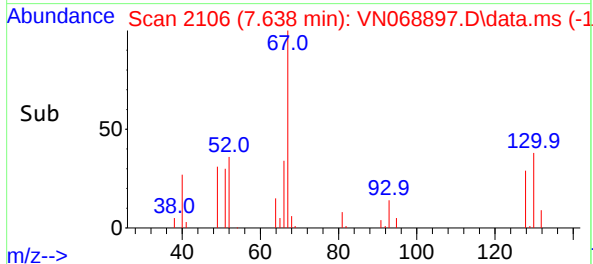
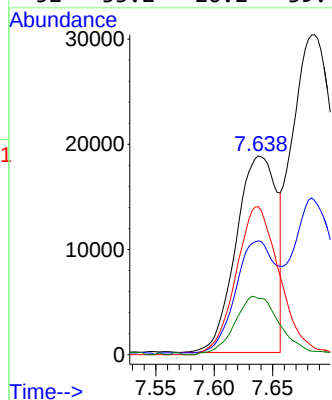
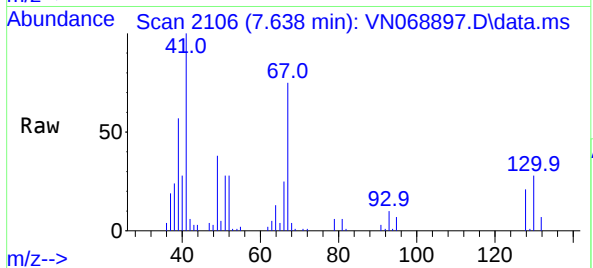
Tgt Ion: 41 Resp: 45184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.0  | 44.9  | 67.3  |
| 67  | 80.9  | 62.6  | 93.8  |
| 52  | 33.2  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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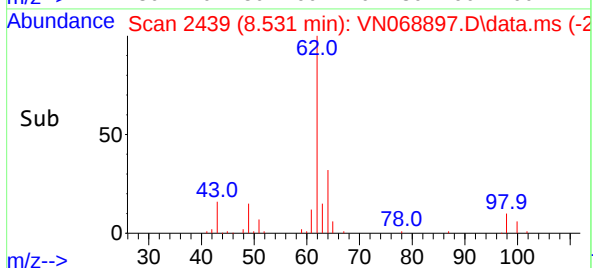
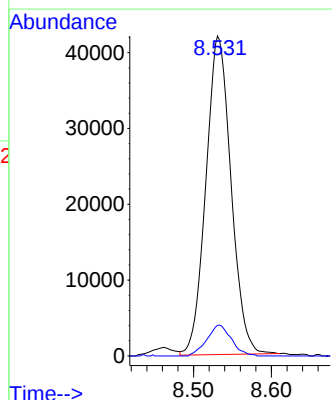
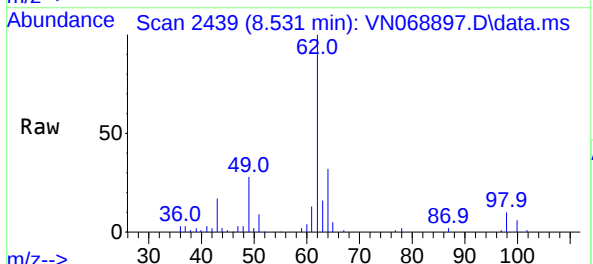
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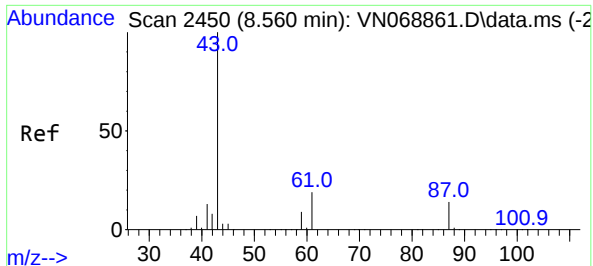


#42  
1,2-Dichloroethane  
Concen: 18.04 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

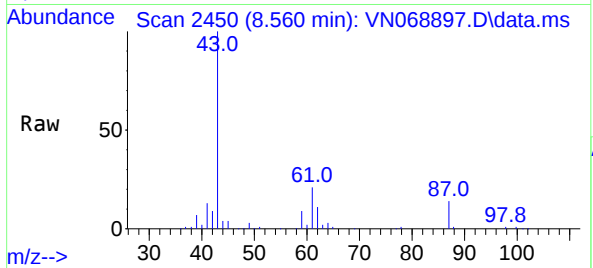
Tgt Ion: 62 Resp: 94289

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 17.2  |

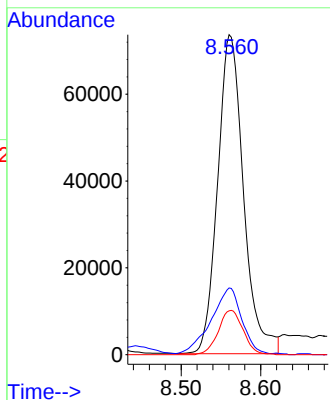
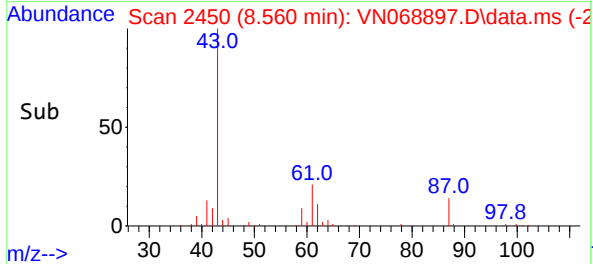




#43  
Isopropyl Acetate  
Concen: 18.84 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



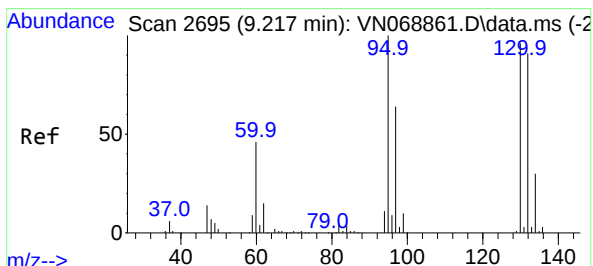
Tgt Ion: 43 Resp: 166386  
Ion Ratio Lower Upper  
43 100  
61 24.3 20.4 30.6  
87 13.3 10.7 16.1



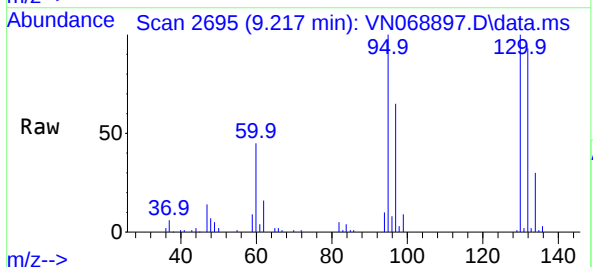
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
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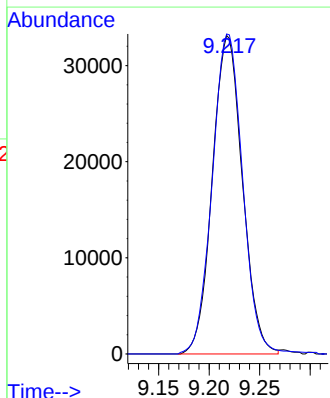
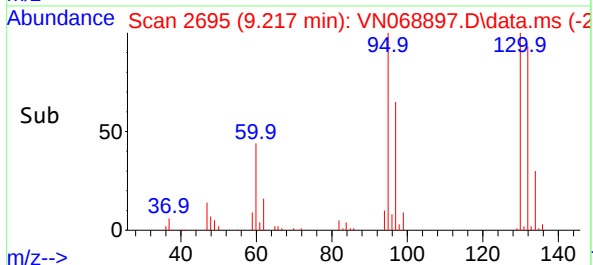
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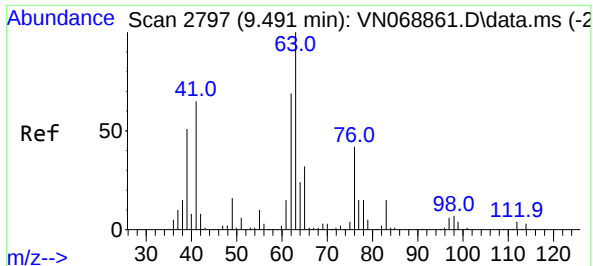


#44  
Trichloroethene  
Concen: 18.51 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion:130 Resp: 68379  
Ion Ratio Lower Upper  
130 100  
95 100.5 0.0 208.0





#45

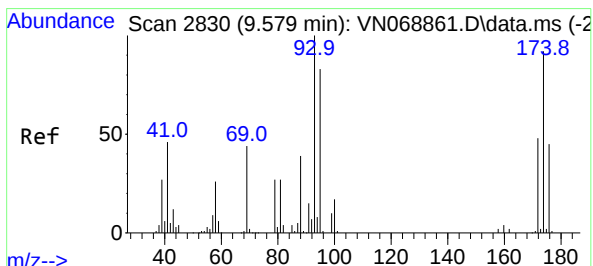
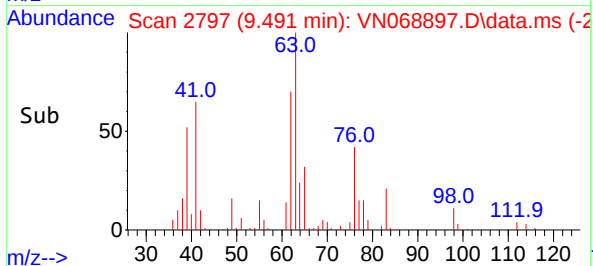
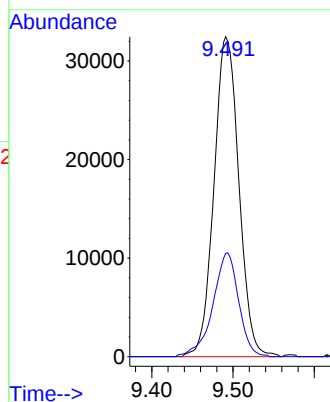
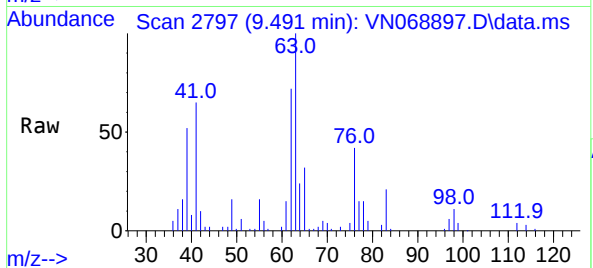
1,2-Dichloropropane  
Concen: 18.04 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 63 Resp: 69094  
Ion Ratio Lower Upper  
63 100  
65 32.3 25.6 38.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
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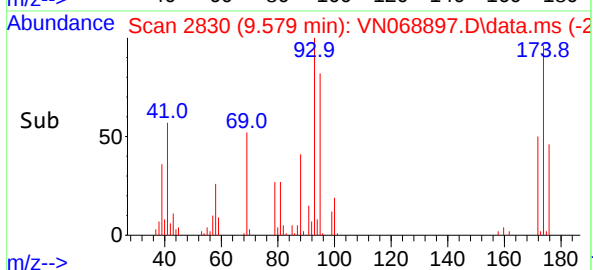
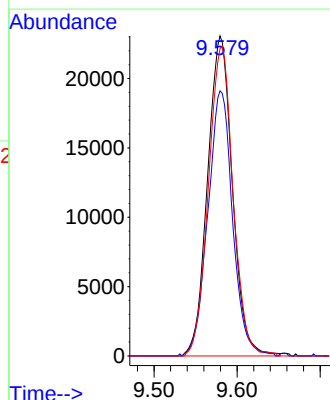
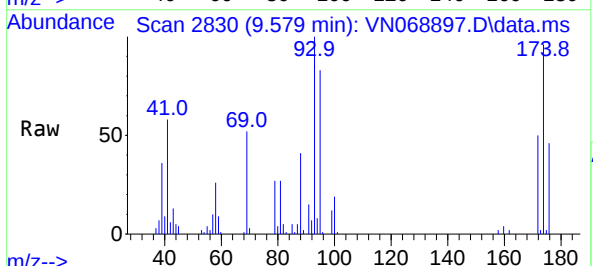
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#46

Dibromomethane  
Concen: 18.29 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

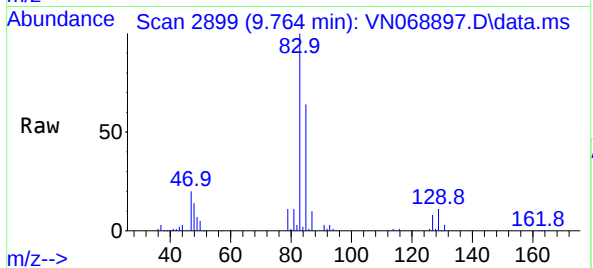
Tgt Ion: 93 Resp: 47829  
Ion Ratio Lower Upper  
93 100  
95 82.6 66.5 99.7  
174 95.7 73.8 110.8





#47  
Bromodichloromethane  
Concen: 18.20 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

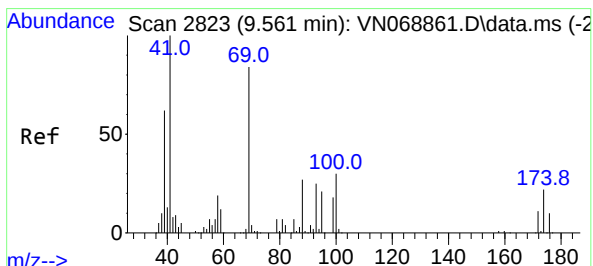
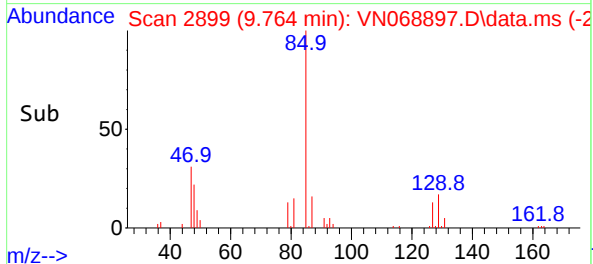
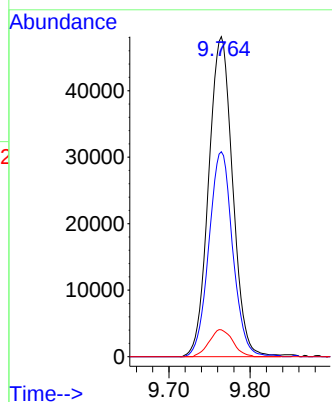
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



Tgt Ion: 83 Resp: 98593  
Ion Ratio Lower Upper  
83 100  
85 64.1 50.7 76.1  
127 8.4 6.5 9.7

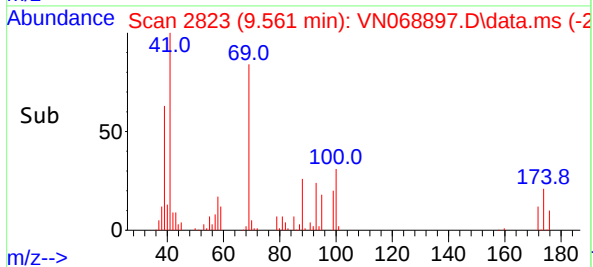
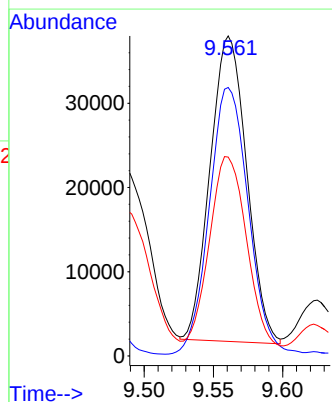
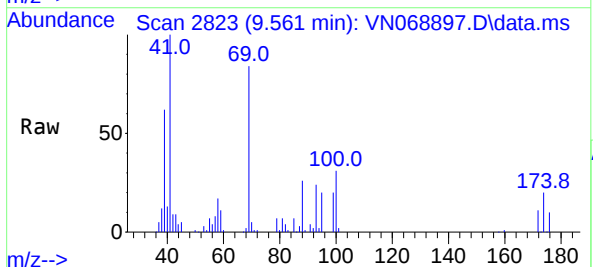
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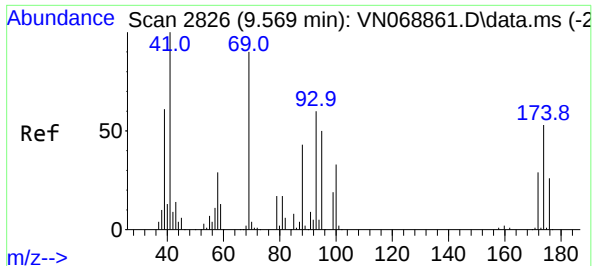
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#48  
Methyl methacrylate  
Concen: 16.06 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 41 Resp: 66645  
Ion Ratio Lower Upper  
41 100  
69 93.6 66.4 99.6  
39 69.2 50.2 75.2





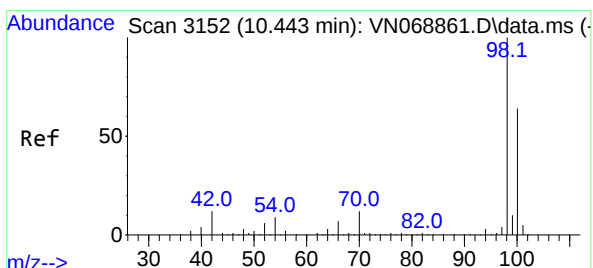
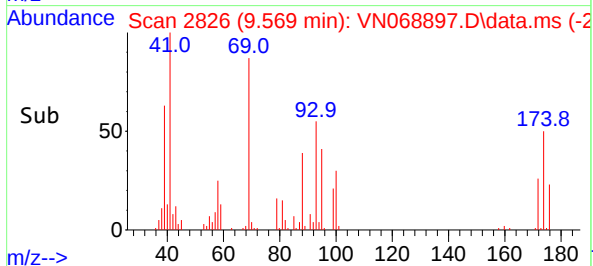
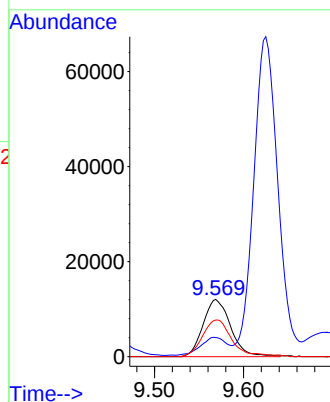
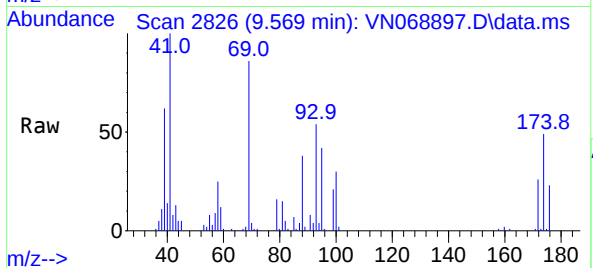
#49  
1,4-Dioxane  
Concen: 343.90 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 88 Resp: 25859  
Ion Ratio Lower Upper  
88 100  
43 30.2 24.9 37.3  
58 68.2 56.9 85.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
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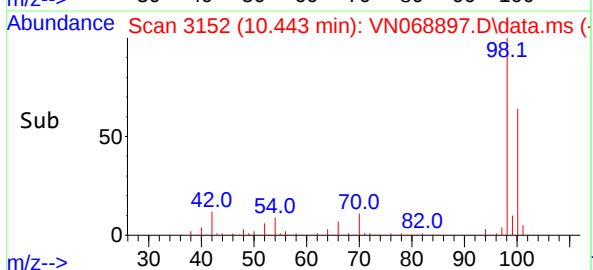
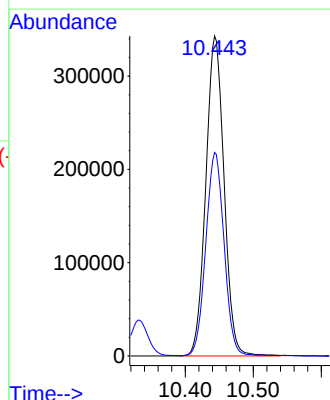
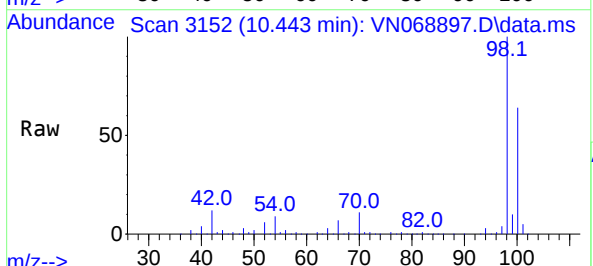
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#50  
Toluene-d8  
Concen: 48.43 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 98 Resp: 639874  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.5 77.3





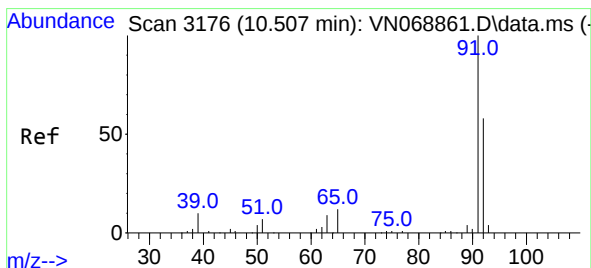
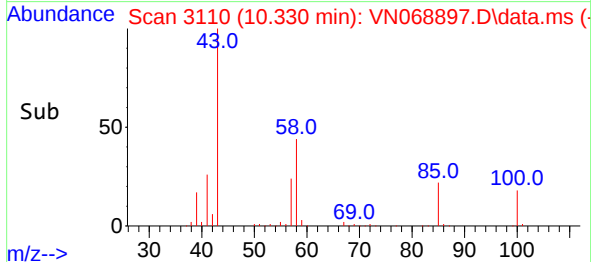
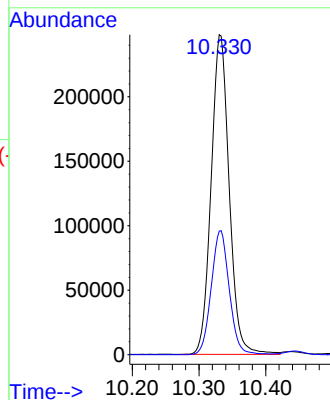
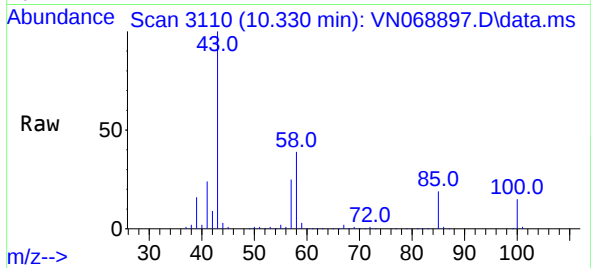
#51  
4-Methyl-2-Pentanone  
Concen: 90.89 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 43 Resp: 465525  
Ion Ratio Lower Upper  
43 100  
58 38.8 31.0 46.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

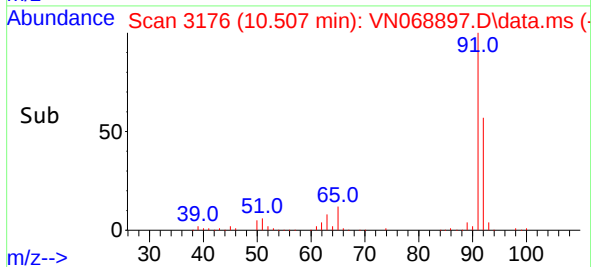
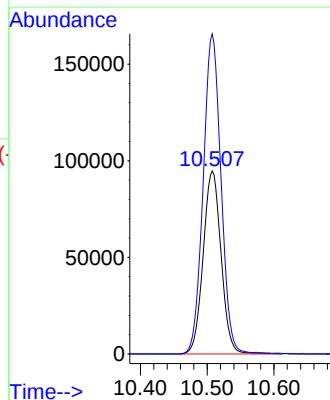
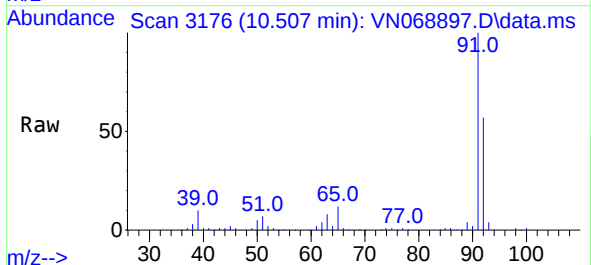
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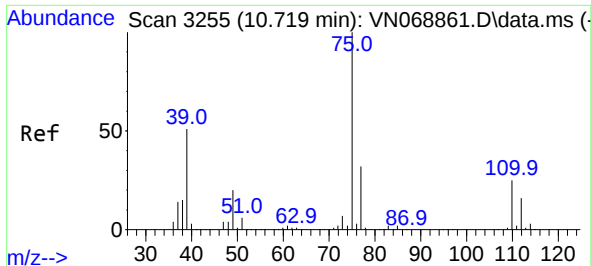
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#52  
Toluene  
Concen: 18.59 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 92 Resp: 176538  
Ion Ratio Lower Upper  
92 100  
91 173.7 138.5 207.7





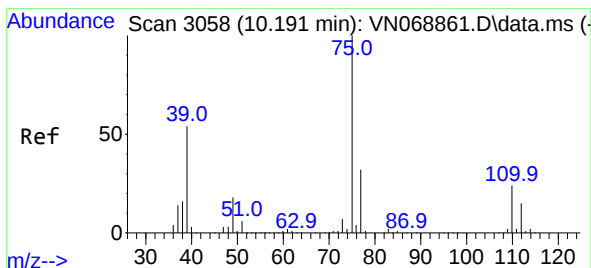
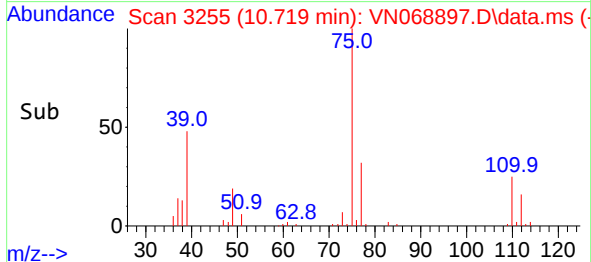
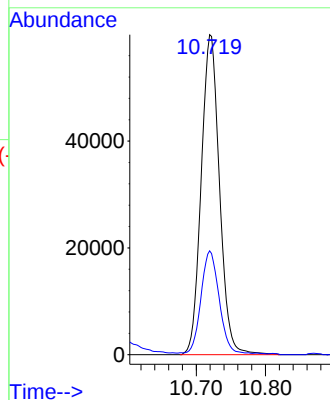
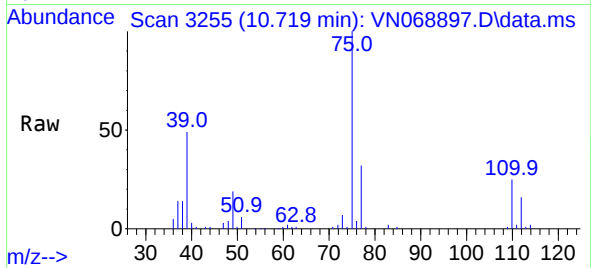
#53  
t-1,3-Dichloropropene  
Concen: 17.92 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 75 Resp: 109976  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.4 38.2

Instrument :  
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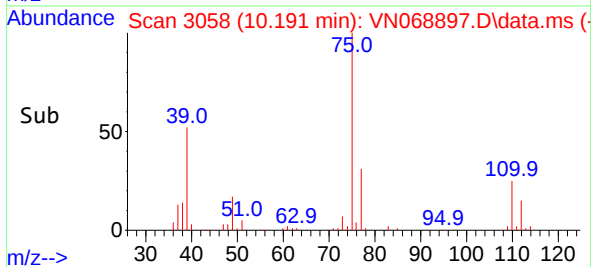
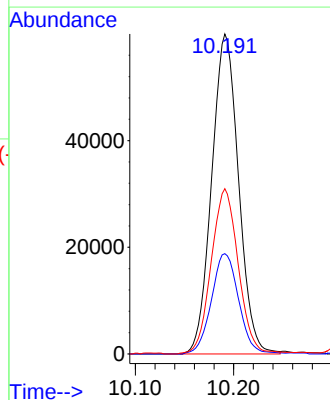
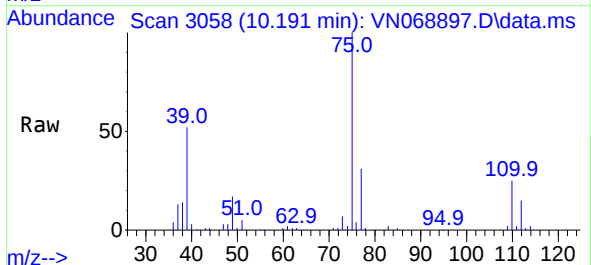
Manual Integrations  
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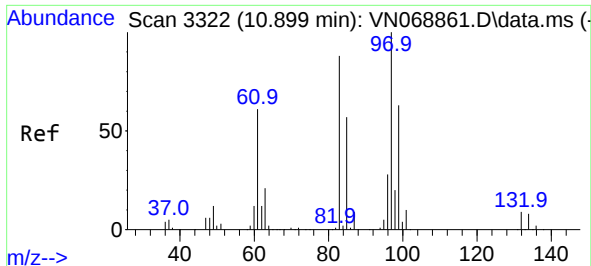
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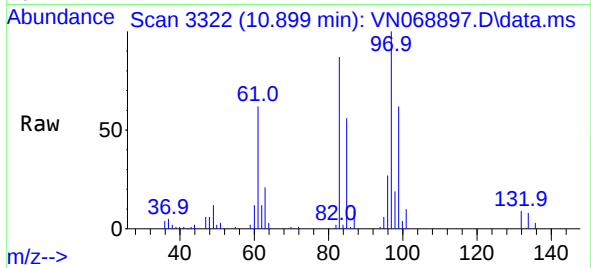
#54  
cis-1,3-Dichloropropene  
Concen: 17.80 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 75 Resp: 113676  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4  
39 51.4 42.9 64.3



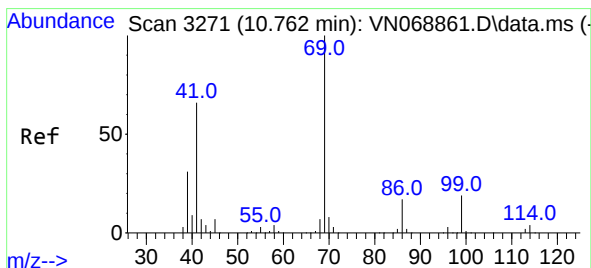
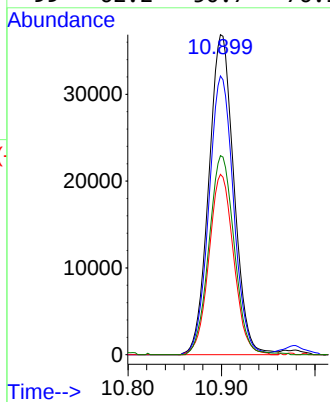
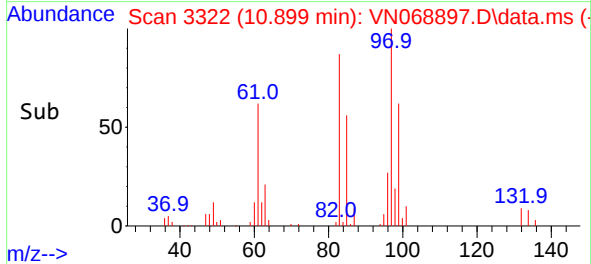


#55  
1,1,2-Trichloroethane  
Concen: 18.42 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

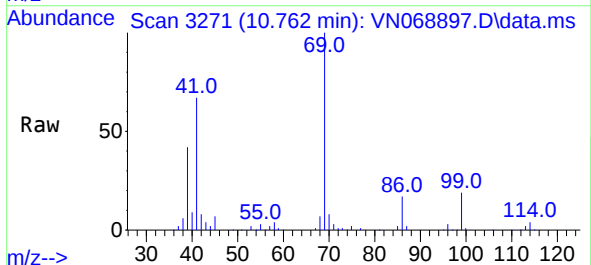


Tgt Ion: 97 Resp: 68955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.1  | 70.5  | 105.7 |
| 85  | 56.3  | 45.3  | 67.9  |
| 99  | 62.2  | 50.7  | 76.1  |

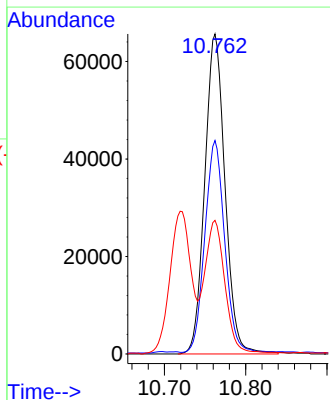
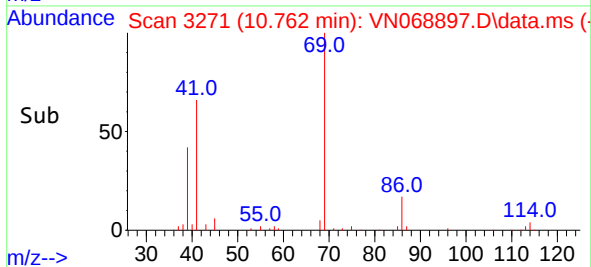


#56  
Ethyl methacrylate  
Concen: 18.09 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 69 Resp: 113733

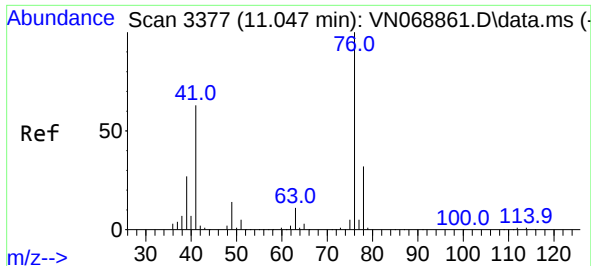
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.6  | 53.3  | 79.9  |
| 39  | 41.1  | 33.3  | 49.9  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

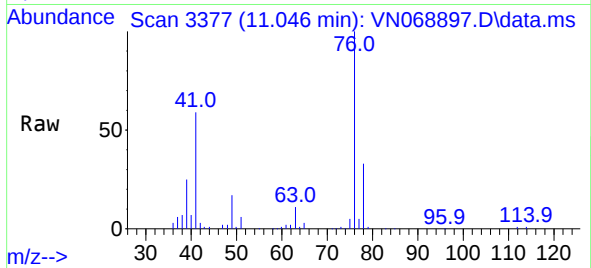
Manual Integrations  
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#57  
1,3-Dichloropropane  
Concen: 18.50 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

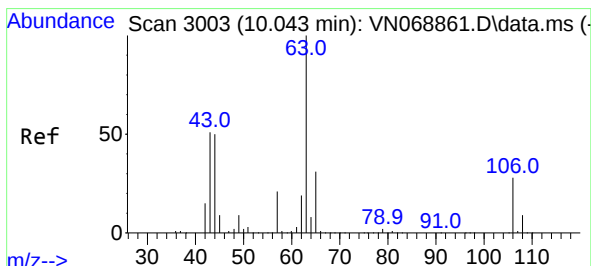
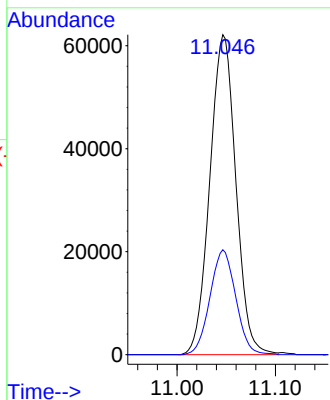
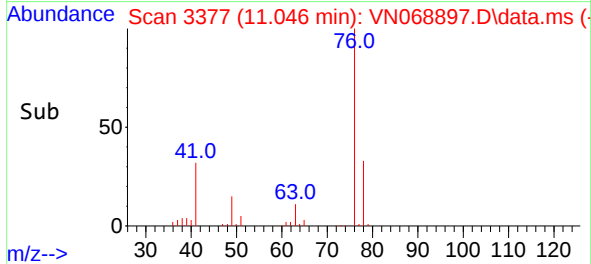
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



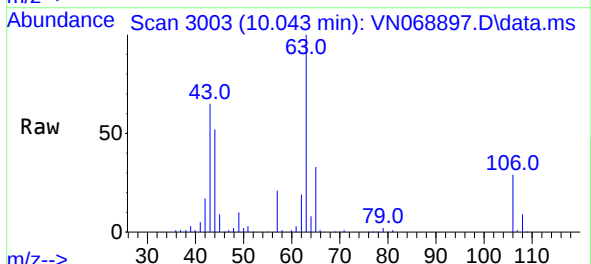
Tgt Ion: 76 Resp: 114199  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.8

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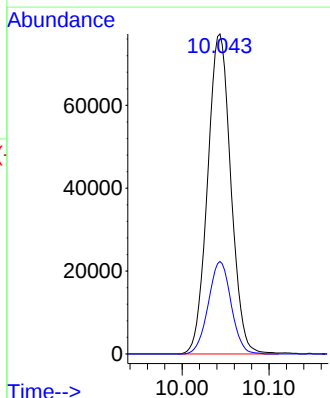
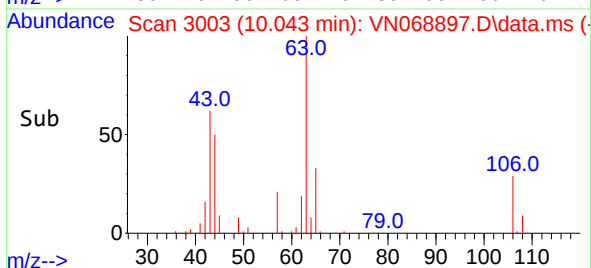
MMDadoda  
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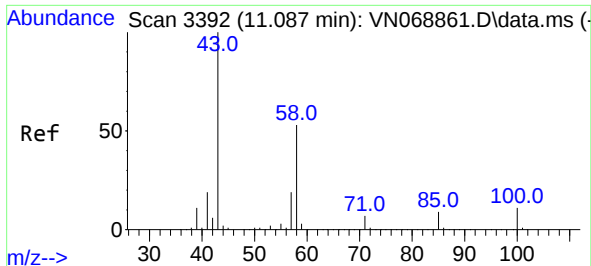


#58  
2-Chloroethyl Vinyl ether  
Concen: 90.55 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 63 Resp: 143534  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.2 33.2





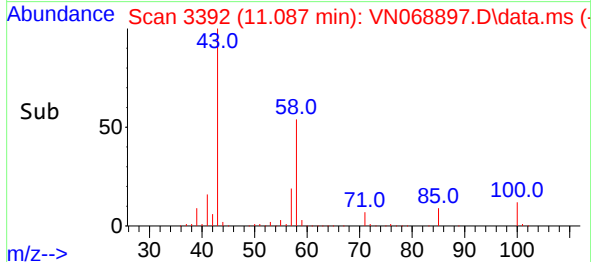
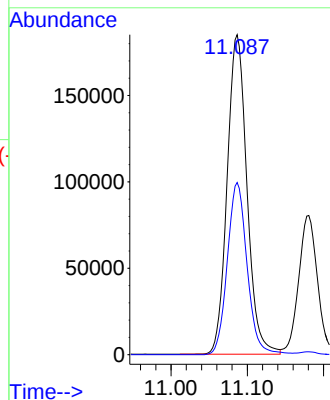
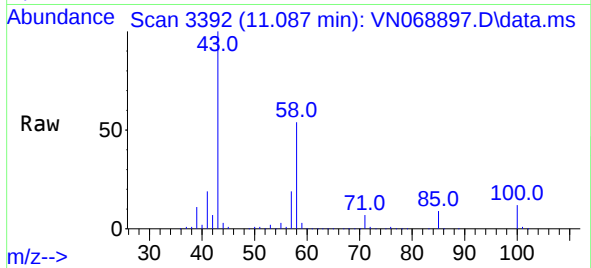
#59  
2-Hexanone  
Concen: 90.79 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 43 Resp: 333504  
Ion Ratio Lower Upper  
43 100  
58 53.9 26.9 80.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
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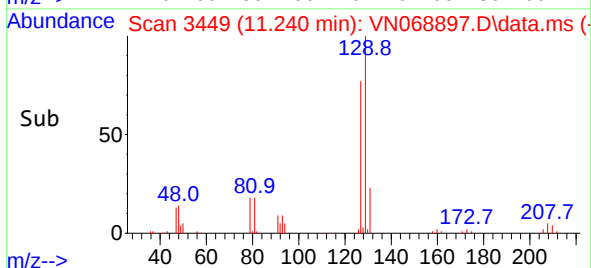
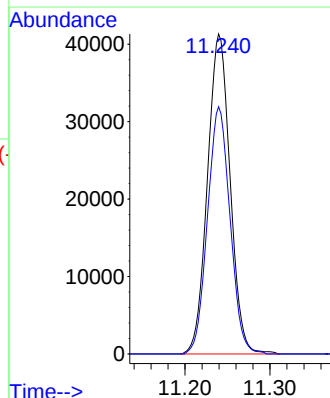
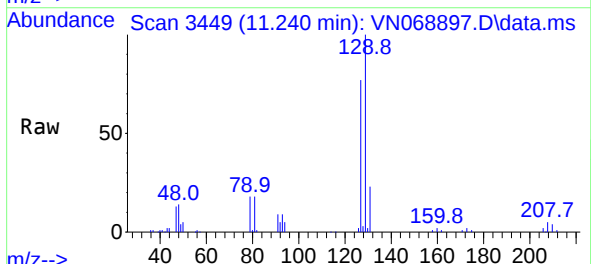
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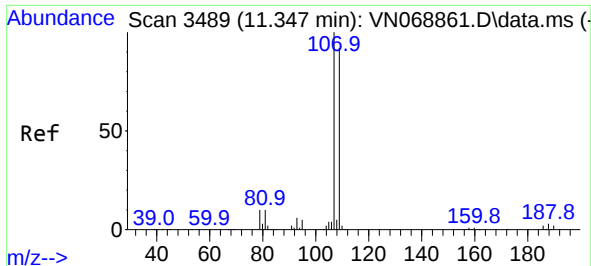
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#60  
Dibromochloromethane  
Concen: 18.11 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

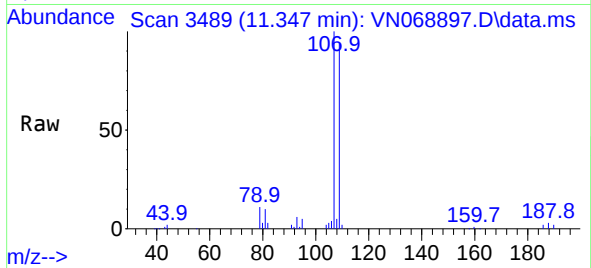
Tgt Ion:129 Resp: 76525  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.1 117.2





#61  
1,2-Dibromoethane  
Concen: 18.51 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

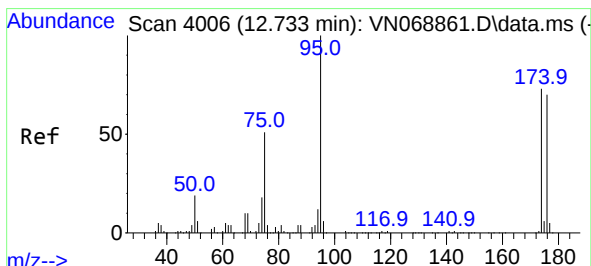
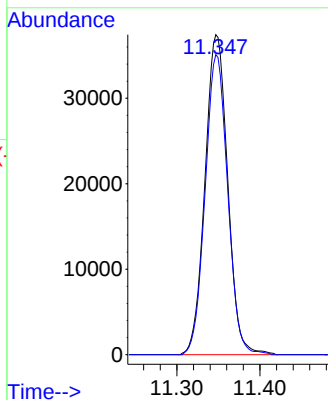
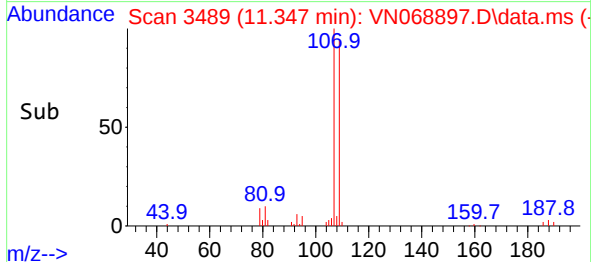
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



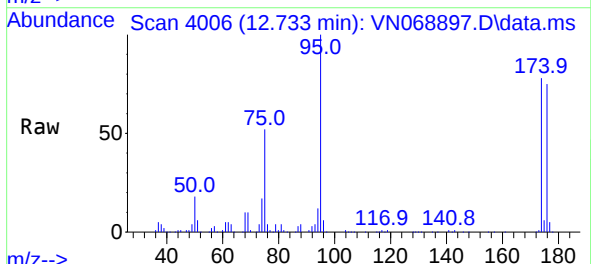
Tgt Ion:107 Resp: 71081  
Ion Ratio Lower Upper  
107 100  
109 92.9 74.7 112.1

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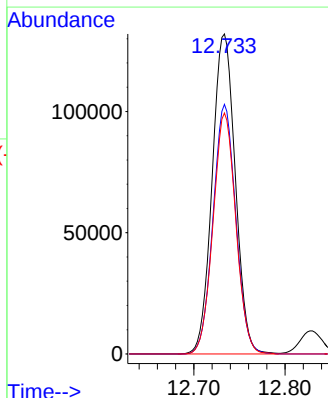
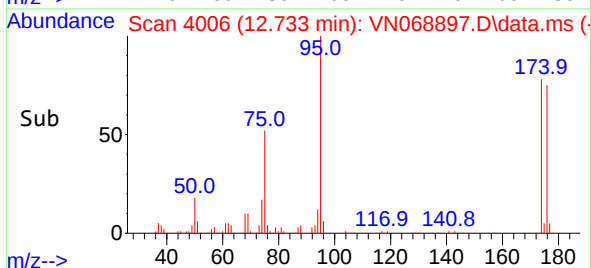
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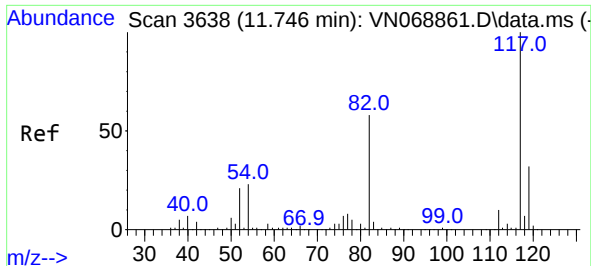


#62  
4-Bromofluorobenzene  
Concen: 46.64 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 95 Resp: 232463  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 144.8  
176 74.2 0.0 140.0





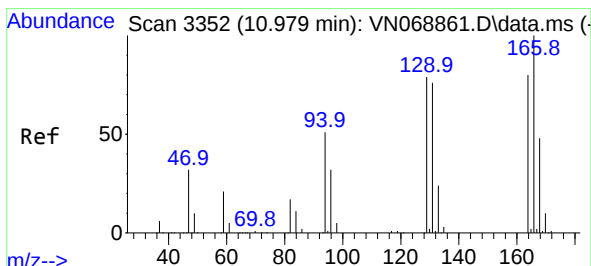
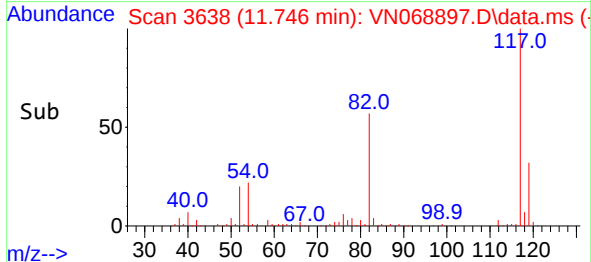
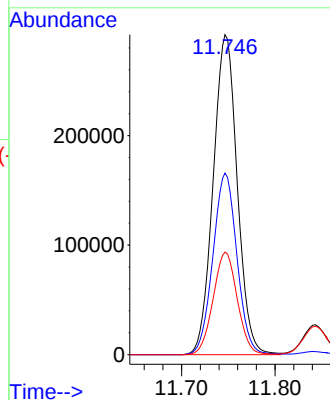
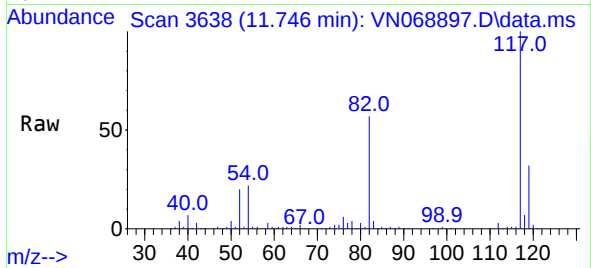
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Instrument :  
MSVOA\_N  
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VN1013WBSD01

Tgt Ion:117 Resp: 523059  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.4 69.6  
119 32.1 26.0 39.0

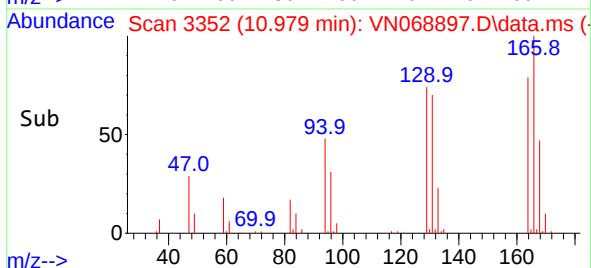
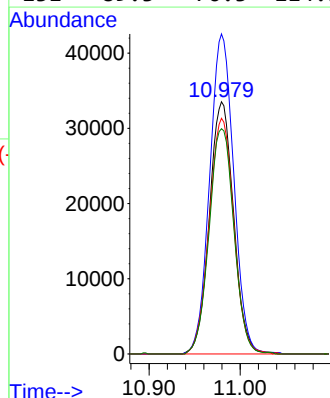
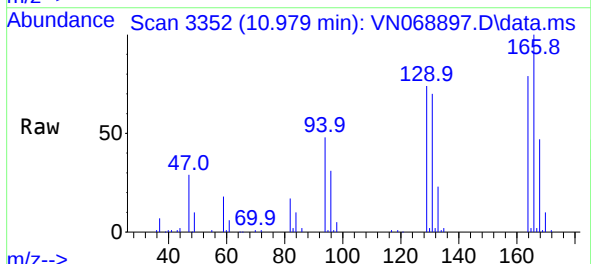
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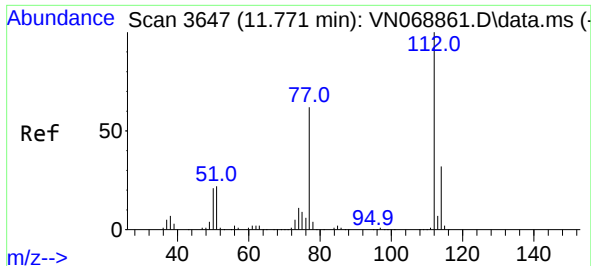
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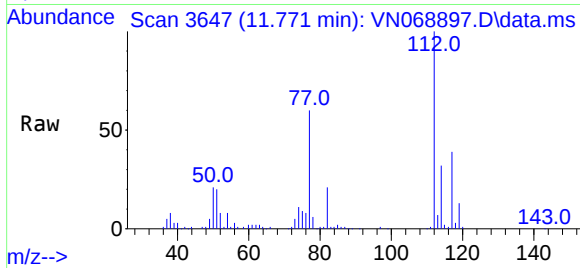
#64  
Tetrachloroethene  
Concen: 18.35 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion:164 Resp: 61832  
Ion Ratio Lower Upper  
164 100  
166 126.9 99.8 149.8  
129 93.5 79.2 118.8  
131 89.3 76.3 114.5

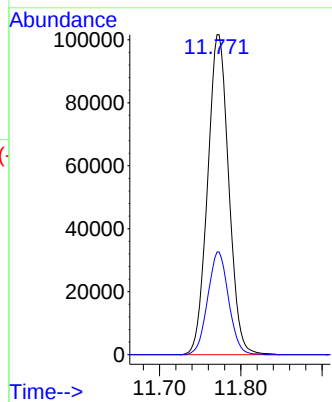
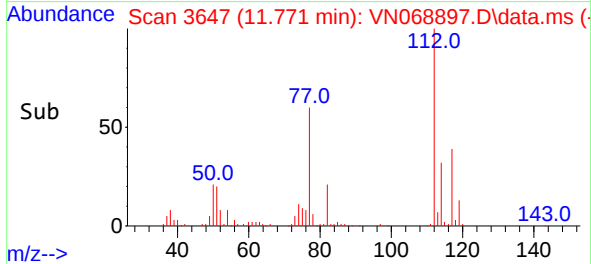




#65  
Chlorobenzene  
Concen: 18.53 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



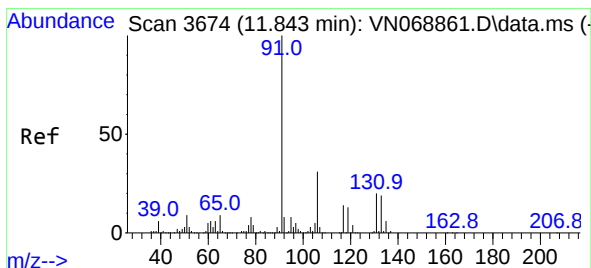
Tgt Ion:112 Resp: 183410  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.5 38.3



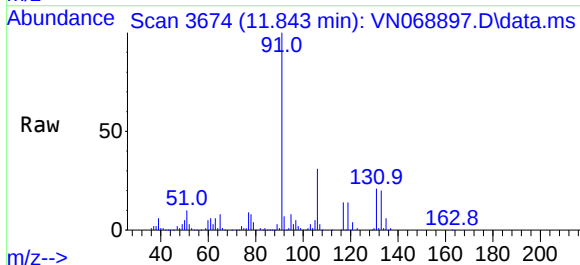
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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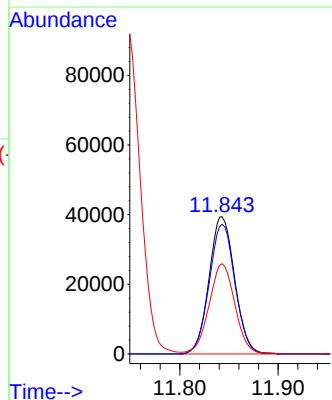
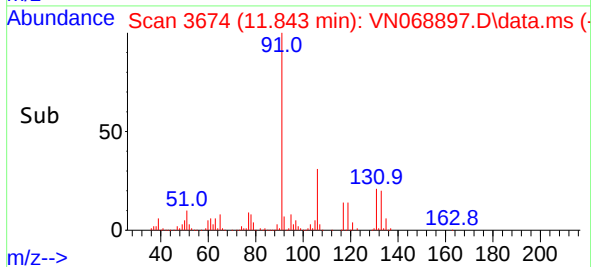
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.48 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



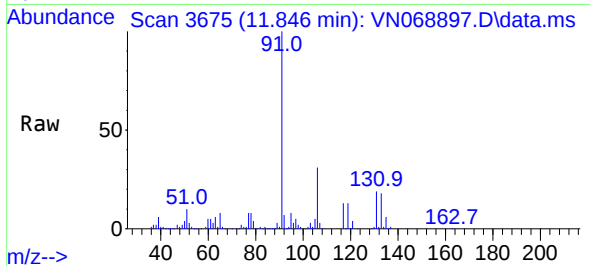
Tgt Ion:131 Resp: 71587  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.3 142.0  
119 66.3 33.0 99.0





#67  
Ethyl Benzene  
Concen: 18.57 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

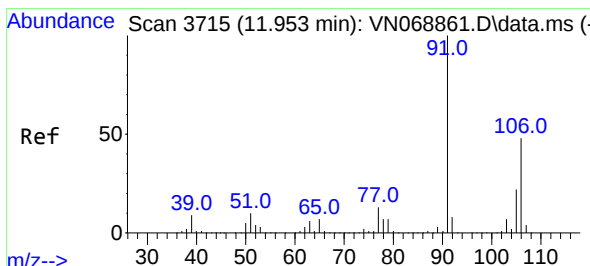
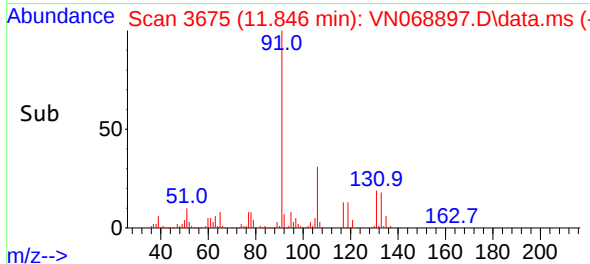
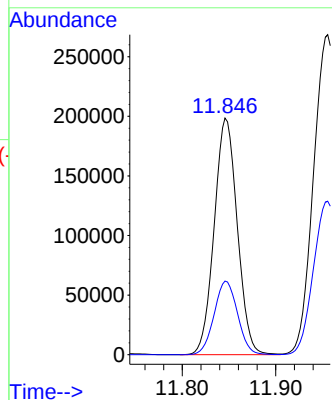
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



Tgt Ion: 91 Resp: 341368  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.8 37.2

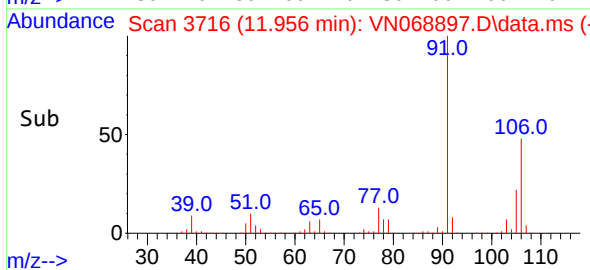
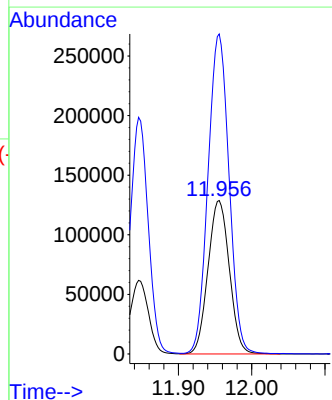
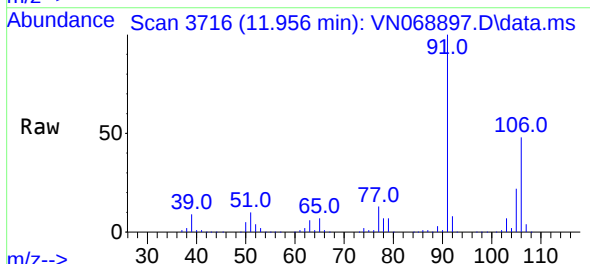
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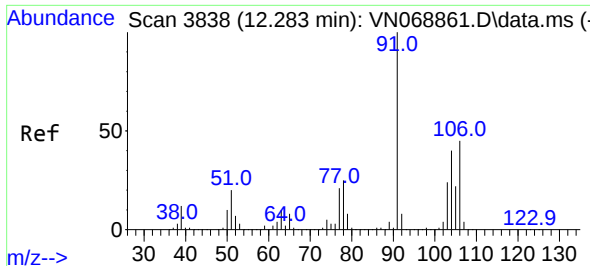
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#68  
m/p-Xylenes  
Concen: 37.35 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 106 Resp: 260345  
Ion Ratio Lower Upper  
106 100  
91 205.3 166.8 250.2





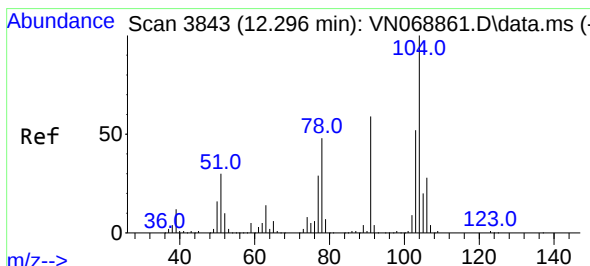
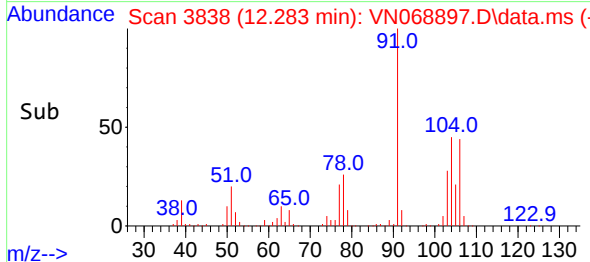
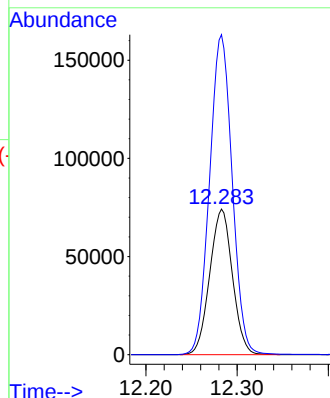
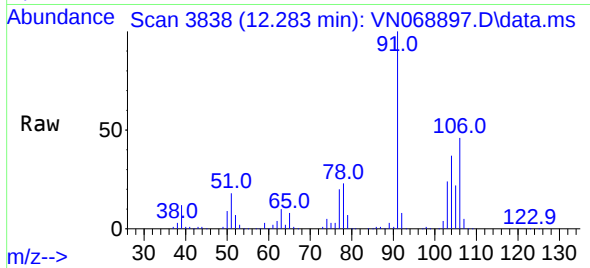
#69  
o-Xylene  
Concen: 18.39 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion:106 Resp: 128313  
Ion Ratio Lower Upper  
106 100  
91 219.3 109.6 328.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

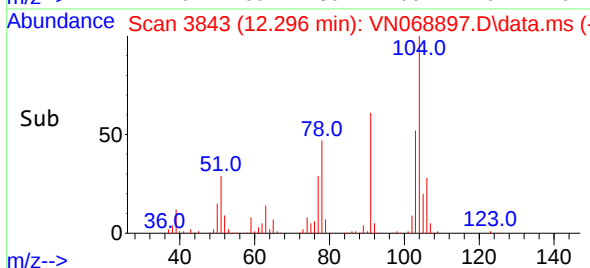
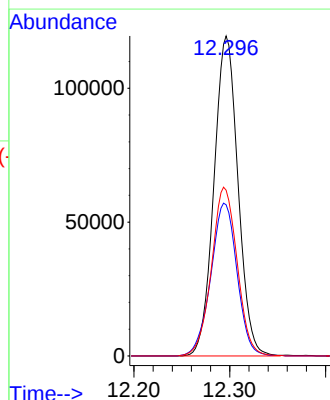
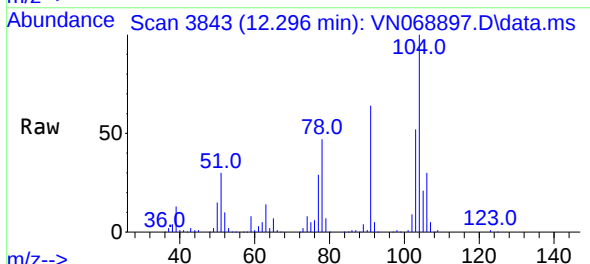
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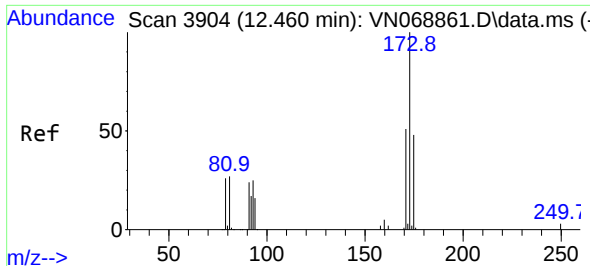
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#70  
Styrene  
Concen: 18.31 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion:104 Resp: 207958  
Ion Ratio Lower Upper  
104 100  
78 52.1 42.2 63.4  
103 56.4 44.4 66.6





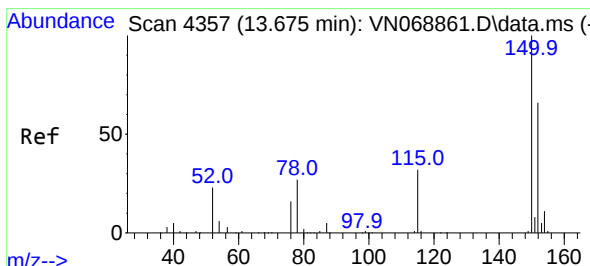
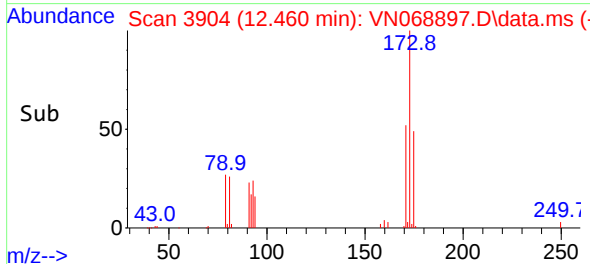
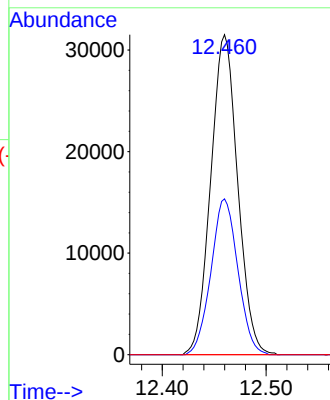
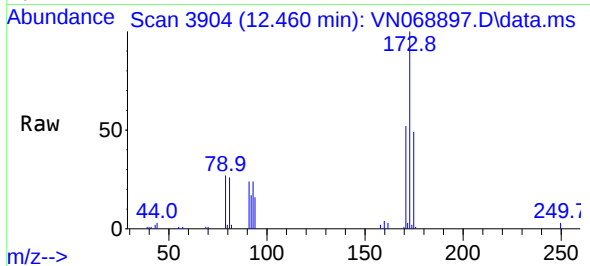
#71  
Bromoform  
Concen: 18.31 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion:173 Resp: 56826  
Ion Ratio Lower Upper  
173 100  
175 48.7 23.8 71.5  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

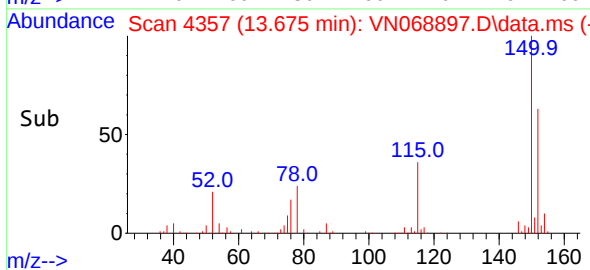
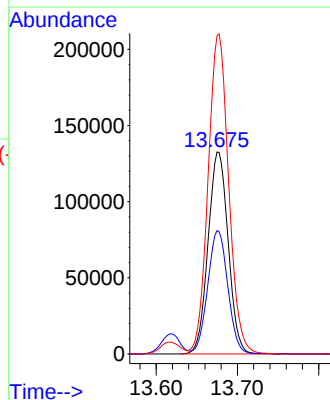
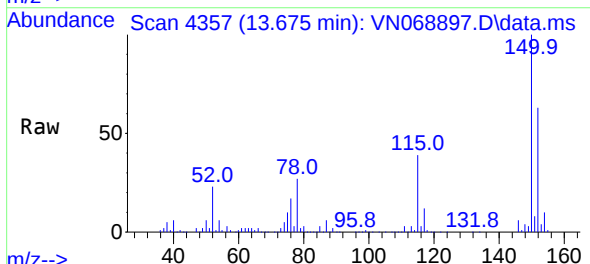
Manual Integrations  
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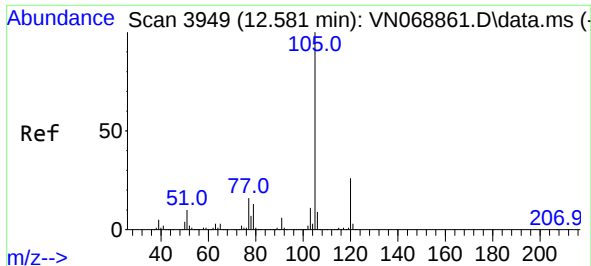
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

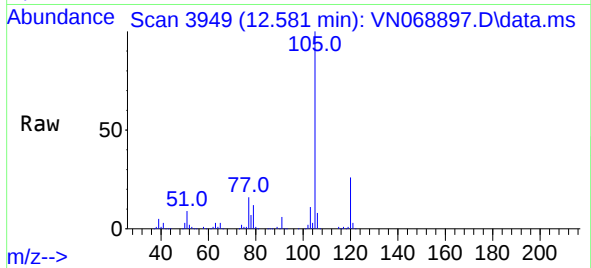
Tgt Ion:152 Resp: 227468  
Ion Ratio Lower Upper  
152 100  
115 60.8 31.4 94.3  
150 162.7 0.0 351.0





#73  
Isopropylbenzene  
Concen: 17.70 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

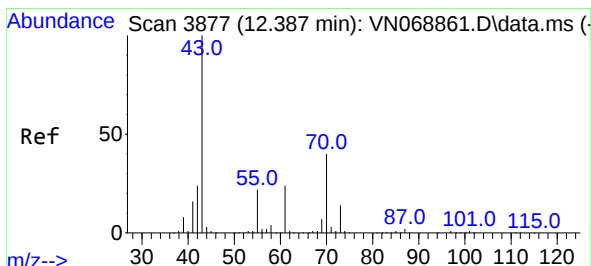
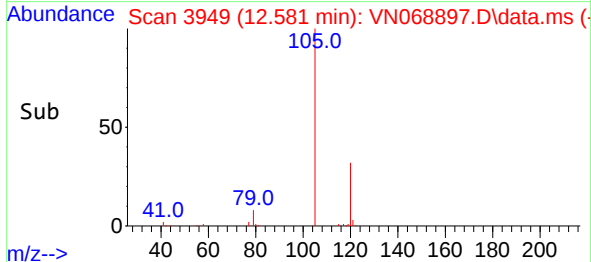
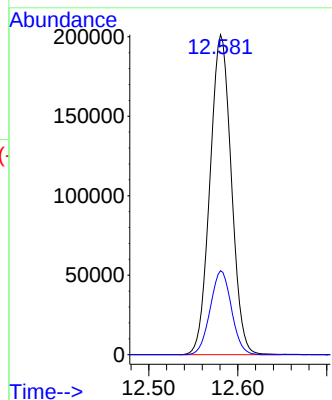
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



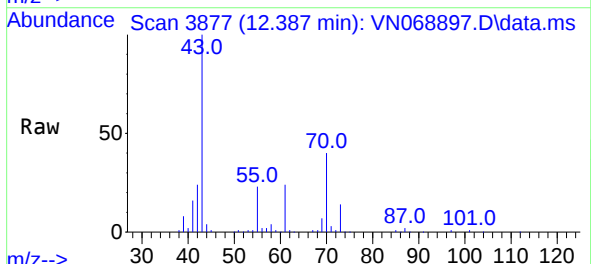
Tgt Ion:105 Resp: 335099  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.3

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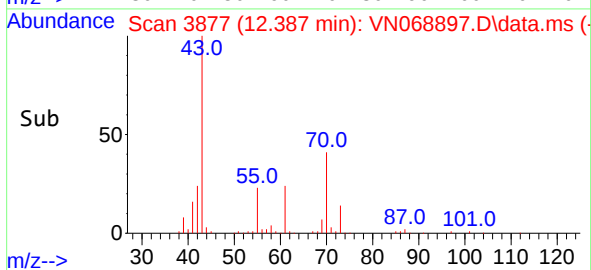
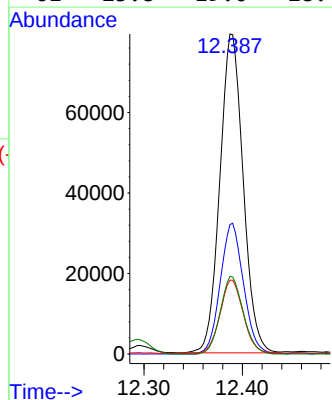
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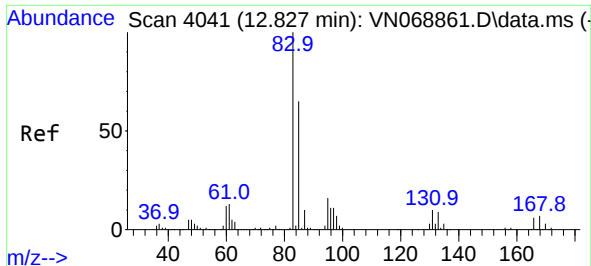


#74  
N-ethyl acetate  
Concen: 18.19 ug/l  
RT: 12.387 min Scan# 3877  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 43 Resp: 130490  
Ion Ratio Lower Upper  
43 100  
70 40.8 32.2 48.2  
55 22.8 18.0 27.0  
61 23.8 19.0 28.4





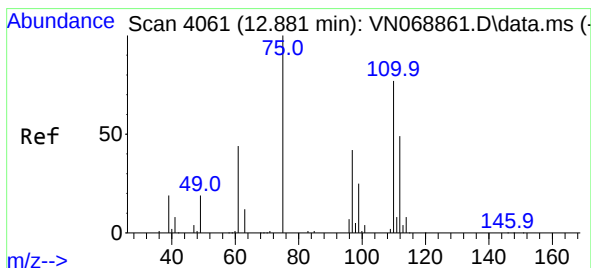
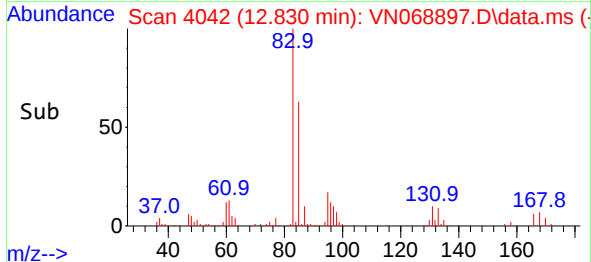
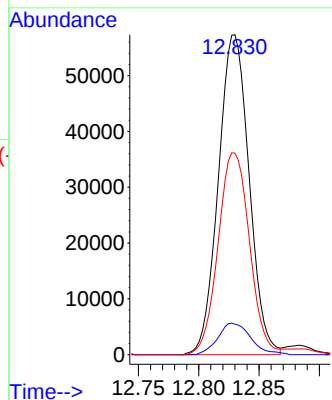
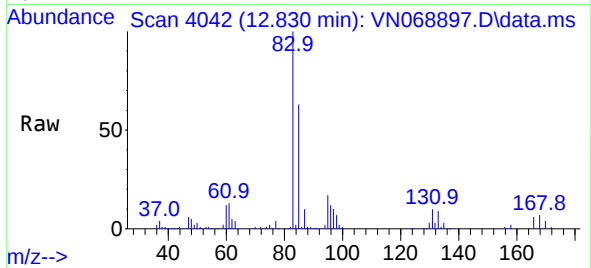
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.58 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 83 Resp: 101674  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.1 15.2  
85 64.6 32.3 96.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

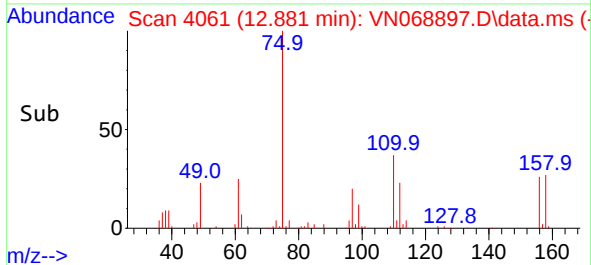
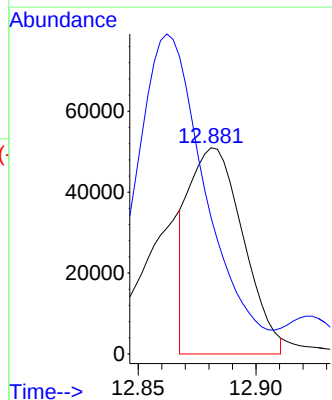
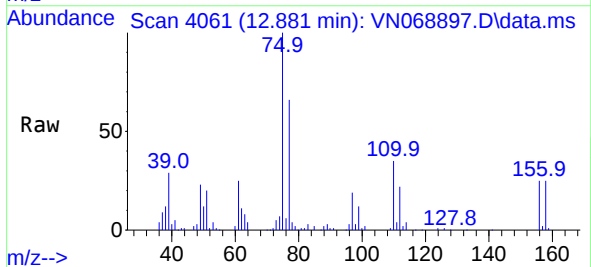
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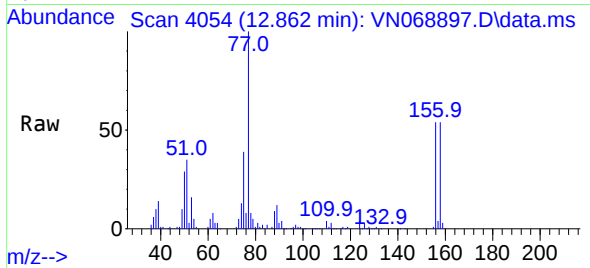
#76  
1,2,3-Trichloropropane  
Concen: 16.82 ug/l m  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 75 Resp: 81408  
Ion Ratio Lower Upper  
75 100  
77 201.6 96.2 288.4

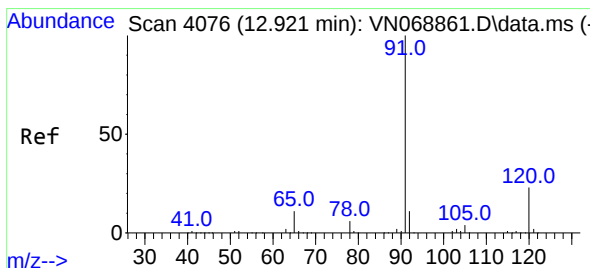
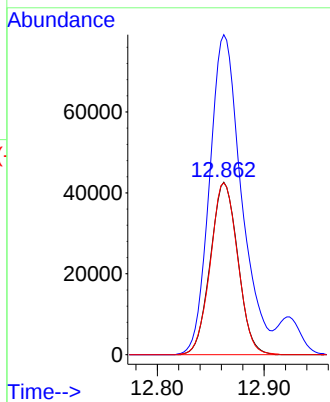
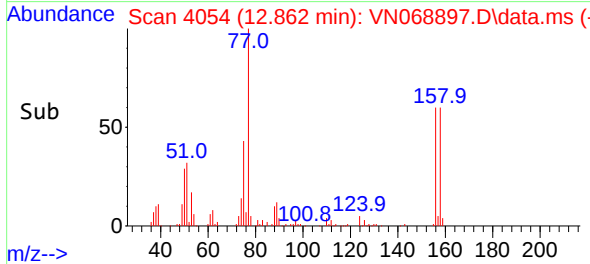




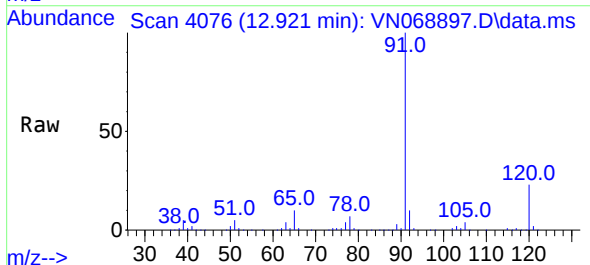
#77  
Bromobenzene  
Concen: 18.22 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



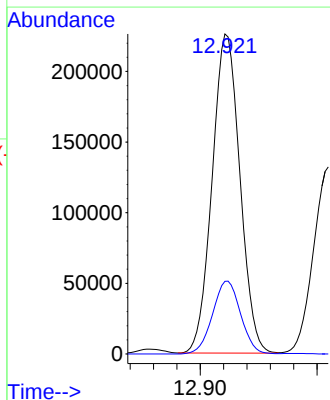
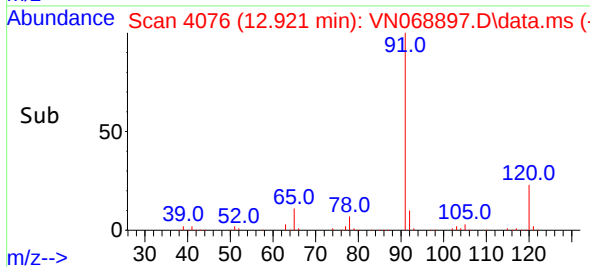
Tgt Ion:156 Resp: 76298  
Ion Ratio Lower Upper  
156 100  
77 215.1 111.8 335.3  
158 99.4 48.4 145.0



#78  
n-propylbenzene  
Concen: 17.54 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion: 91 Resp: 373181  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.4 34.1



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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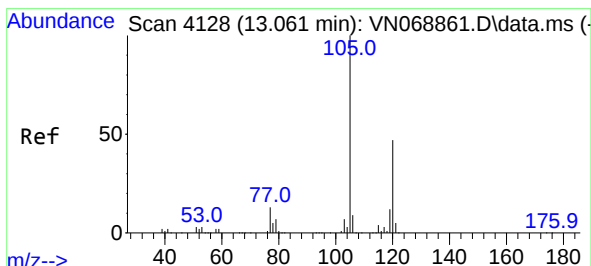
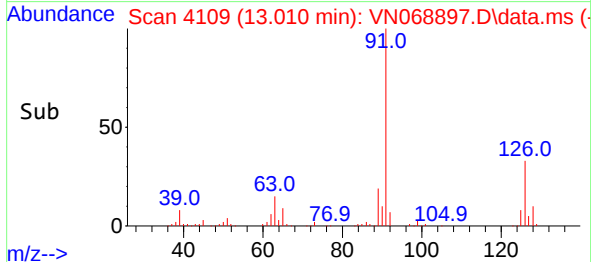
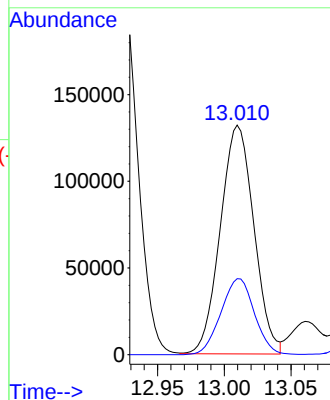
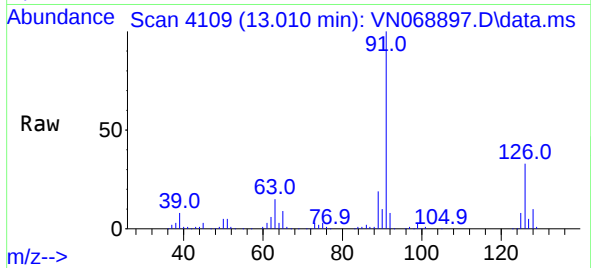
#79  
2-Chlorotoluene  
Concen: 17.63 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 91 Resp: 231182  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.4 49.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

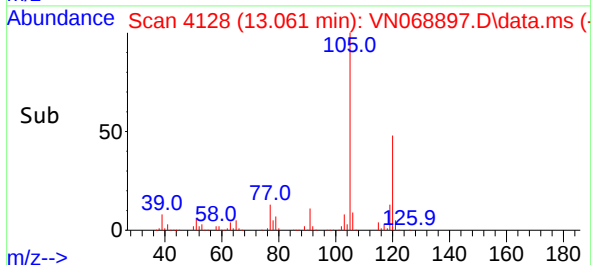
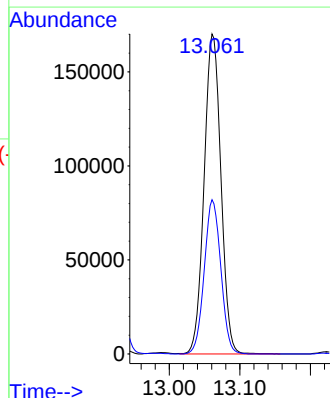
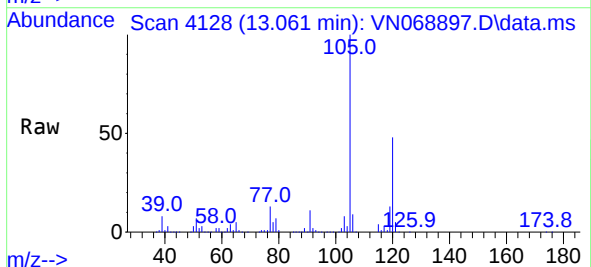
Manual Integrations  
APPROVED

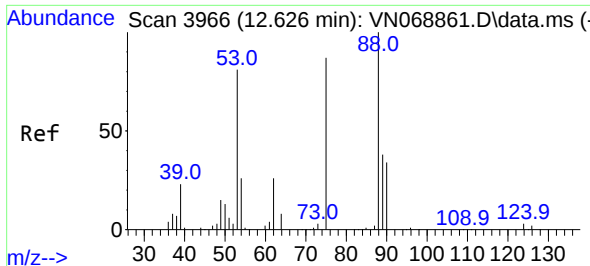
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#80  
1,3,5-Trimethylbenzene  
Concen: 17.89 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

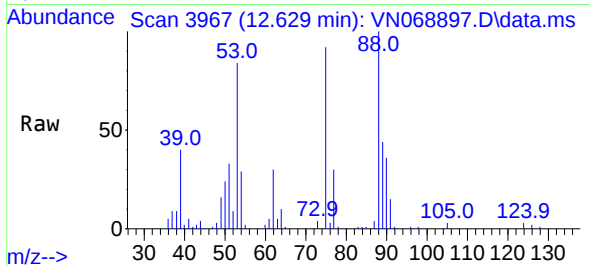
Tgt Ion: 105 Resp: 282136  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.4 70.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.98 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

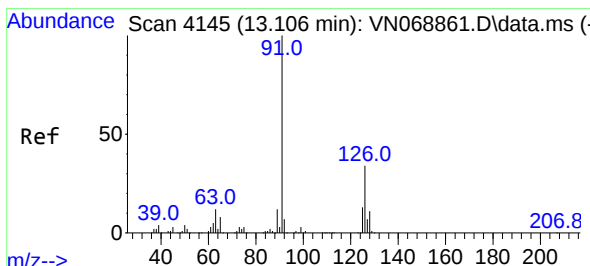
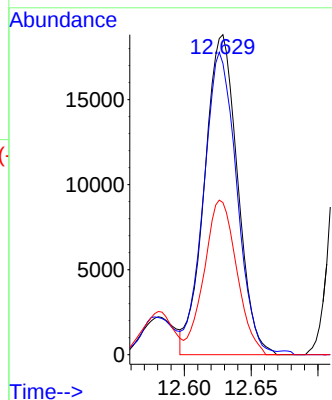
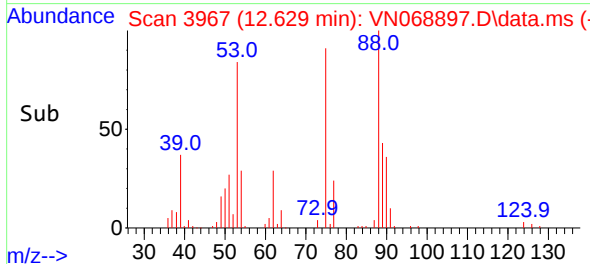
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



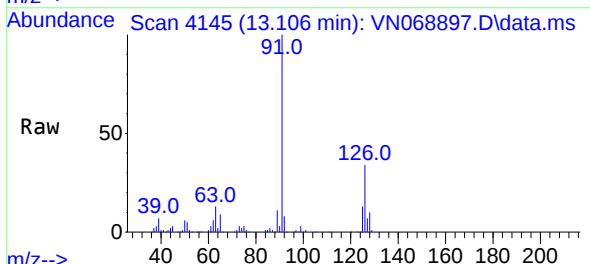
Tgt Ion: 75 Resp: 32321  
Ion Ratio Lower Upper  
75 100  
53 92.9 75.4 113.2  
89 47.6 36.9 55.3

Manual Integrations  
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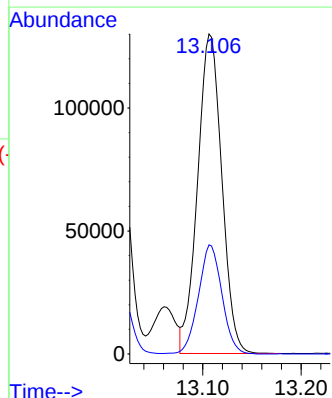
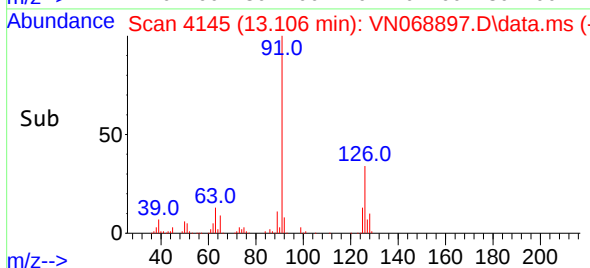
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#82  
4-Chlorotoluene  
Concen: 17.51 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



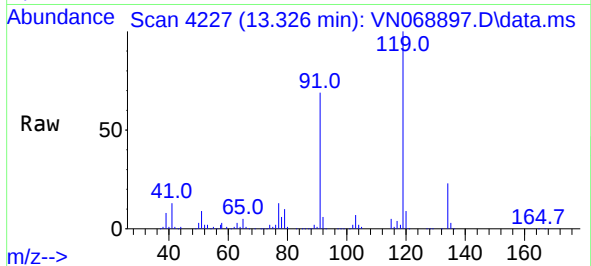
Tgt Ion: 91 Resp: 221858  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.3 48.8





#83  
tert-Butylbenzene  
Concen: 17.88 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

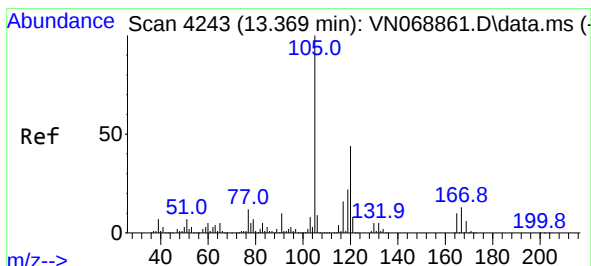
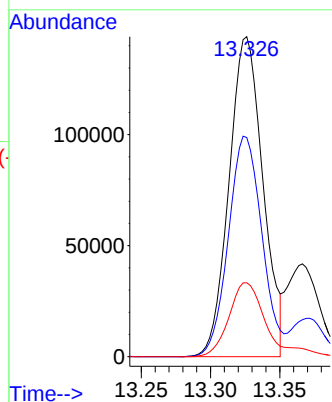
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



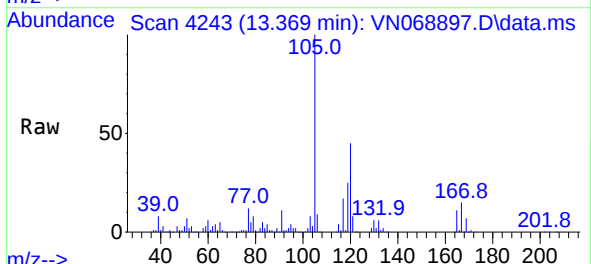
Tgt Ion:119 Resp: 245409  
Ion Ratio Lower Upper  
119 100  
91 68.4 34.6 103.9  
134 25.5 12.6 37.6

Manual Integrations  
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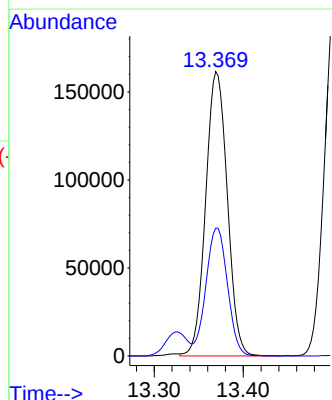
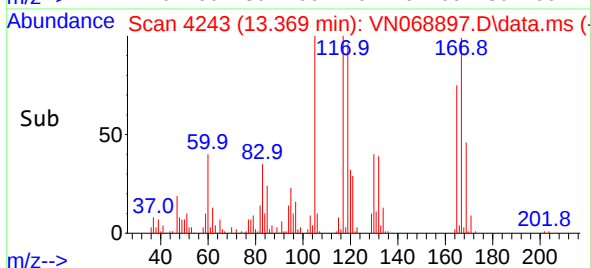
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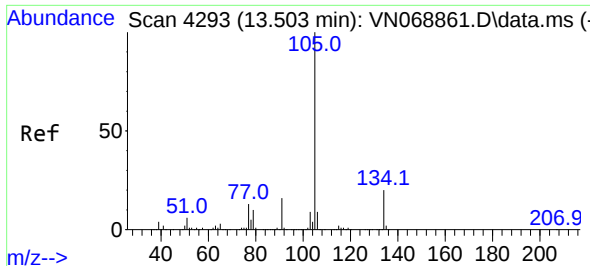


#84  
1,2,4-Trimethylbenzene  
Concen: 17.96 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



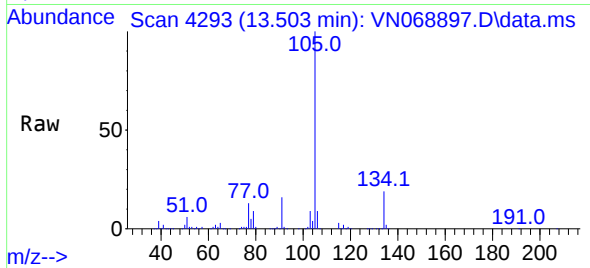
Tgt Ion:105 Resp: 272858  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 17.98 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. -0.000 min  
 Lab File: VN068897.D  
 Acq: 13 Oct 2021 14:57

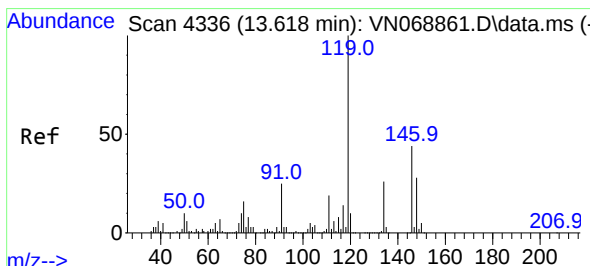
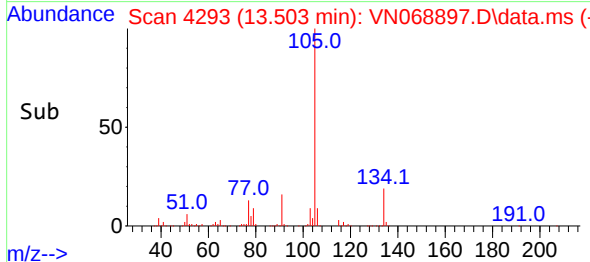
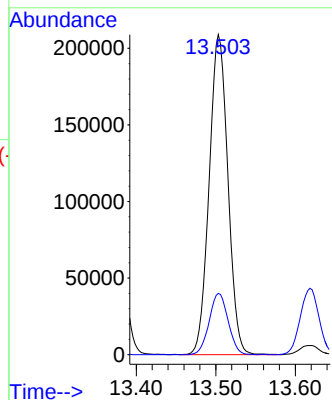
Instrument :  
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 ClientSampleId :  
 VN1013WBSD01



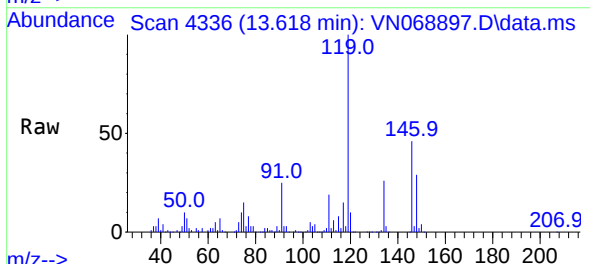
Tgt Ion:105 Resp: 341822  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4

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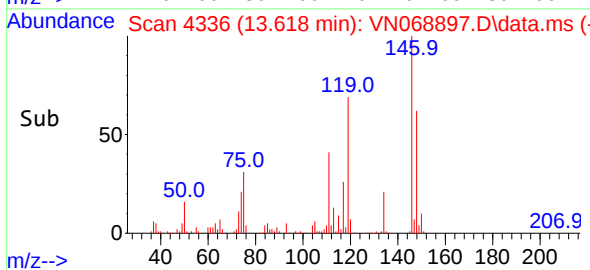
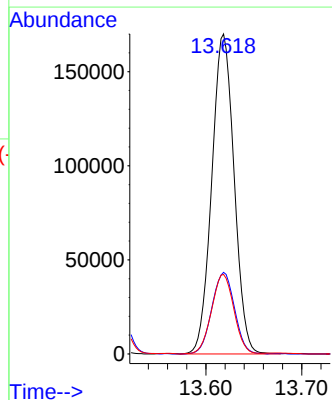
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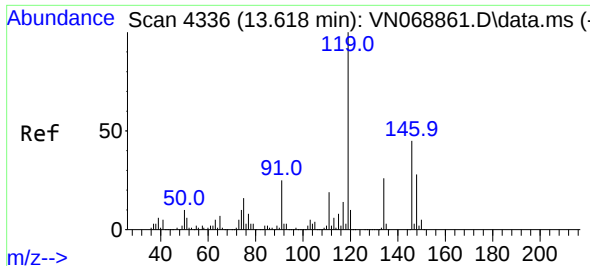


#86  
 p-Isopropyltoluene  
 Concen: 18.04 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN068897.D  
 Acq: 13 Oct 2021 14:57



Tgt Ion:119 Resp: 275037  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.9 38.6  
 91 25.0 12.8 38.4





#87

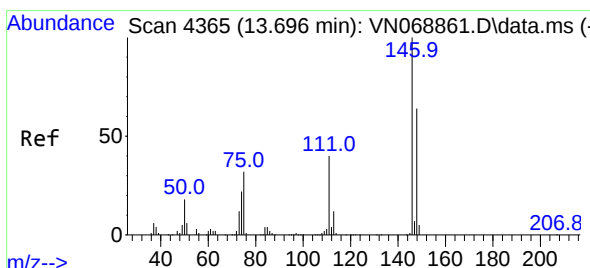
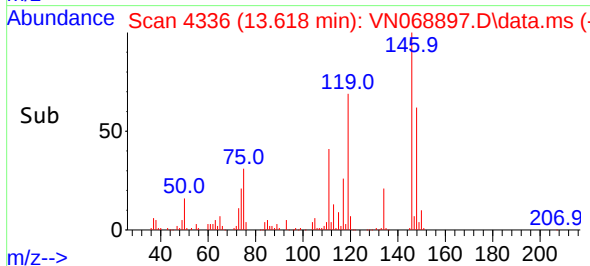
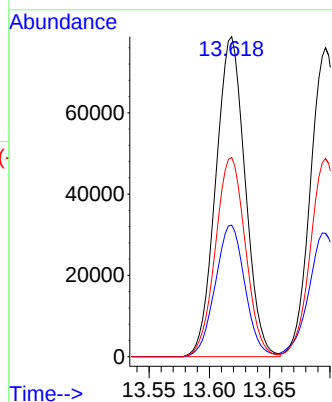
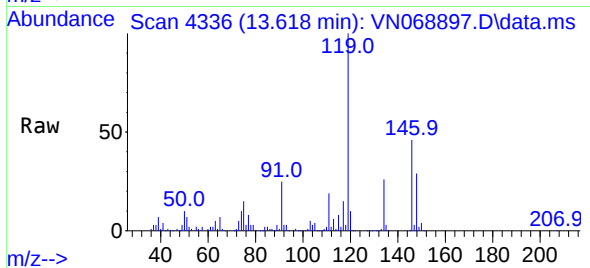
1,3-Dichlorobenzene  
Concen: 18.43 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion:146 Resp: 133443  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.4 64.2  
148 63.6 32.0 96.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

Manual Integrations  
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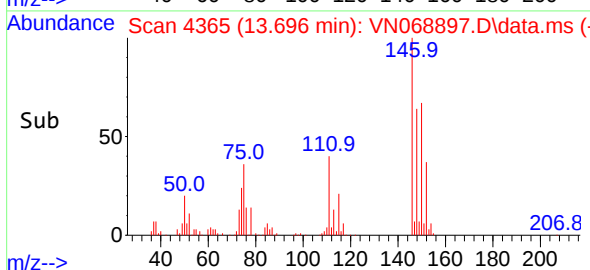
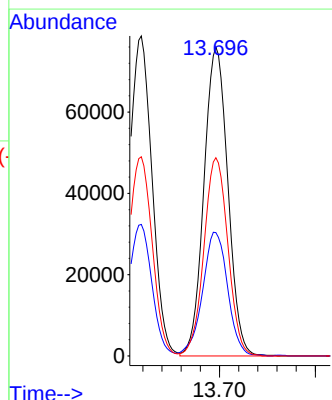
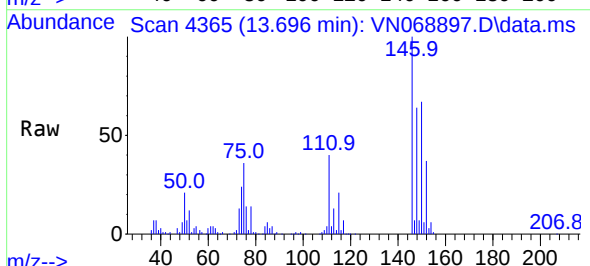
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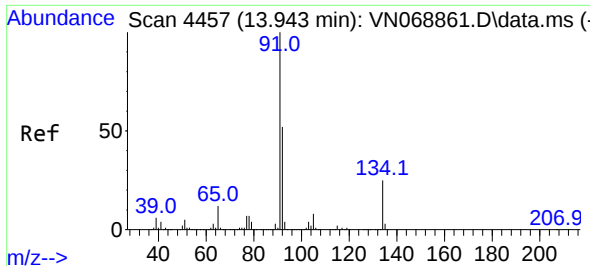


#88

1,4-Dichlorobenzene  
Concen: 18.36 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

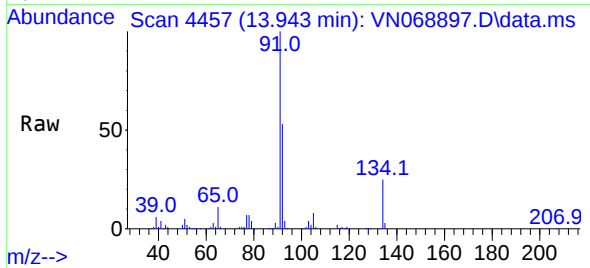
Tgt Ion:146 Resp: 131933  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.6 61.8  
148 64.5 32.1 96.5





#89  
n-Butylbenzene  
Concen: 17.19 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

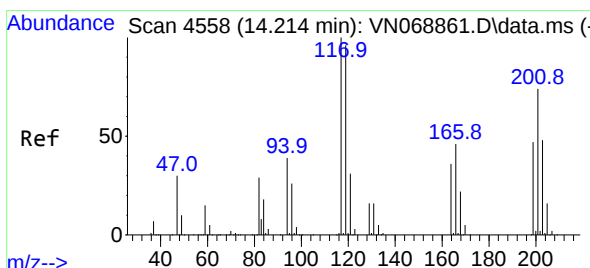
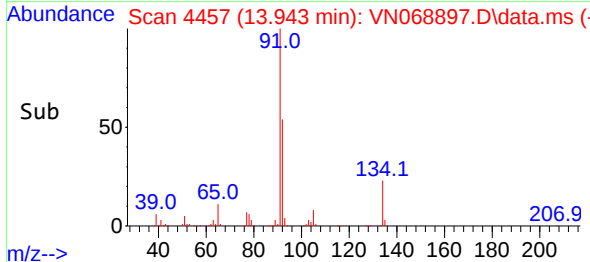
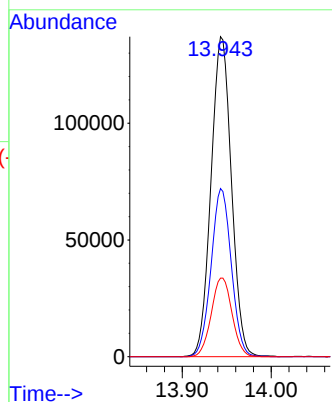
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01



Tgt Ion: 91 Resp: 218294  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.0 78.0  
134 25.0 12.5 37.5

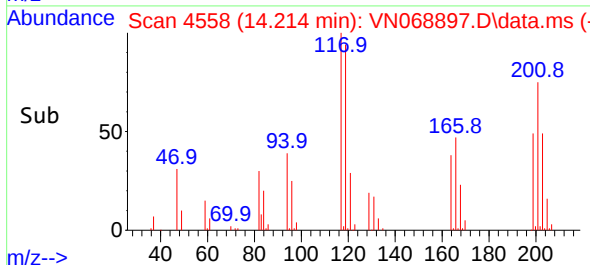
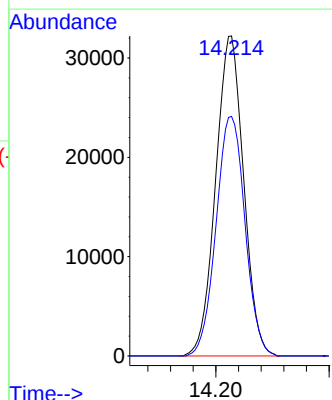
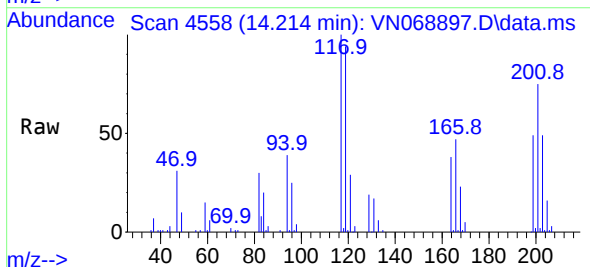
Manual Integrations  
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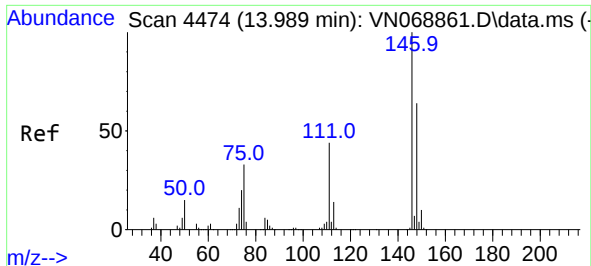
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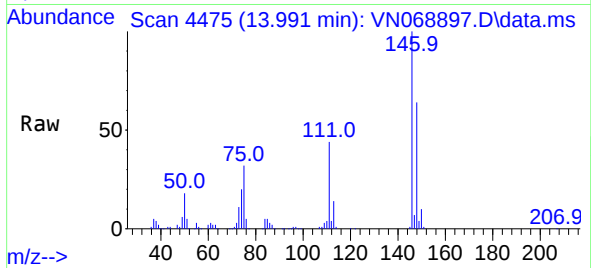
#90  
Hexachloroethane  
Concen: 17.22 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57

Tgt Ion: 117 Resp: 55153  
Ion Ratio Lower Upper  
117 100  
201 77.5 37.1 111.5

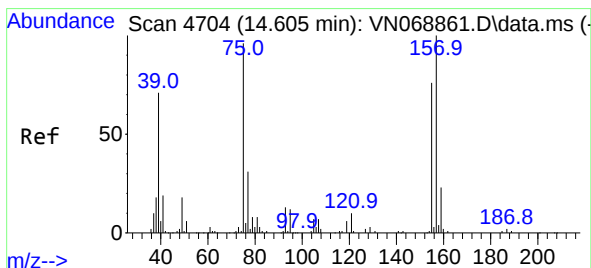
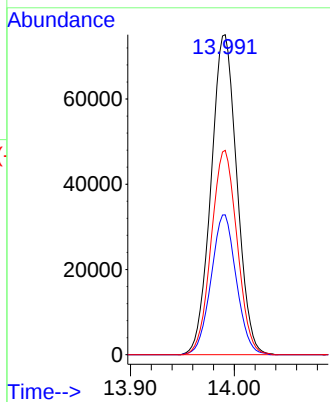
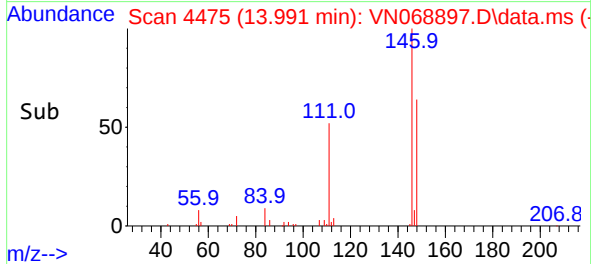




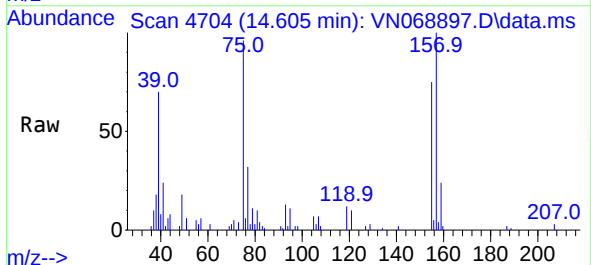
#91  
1,2-Dichlorobenzene  
Concen: 18.48 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



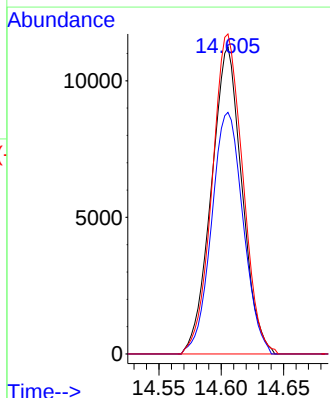
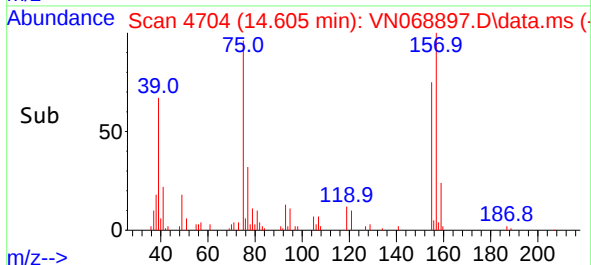
Tgt Ion:146 Resp: 129983  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.0 66.0  
148 64.0 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.22 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



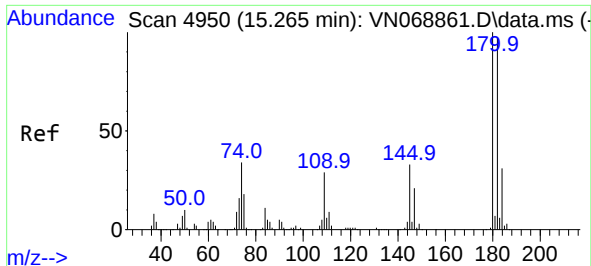
Tgt Ion: 75 Resp: 19222  
Ion Ratio Lower Upper  
75 100  
155 81.0 38.8 116.4  
157 104.3 50.2 150.6



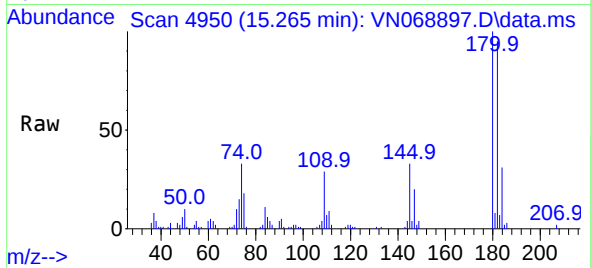
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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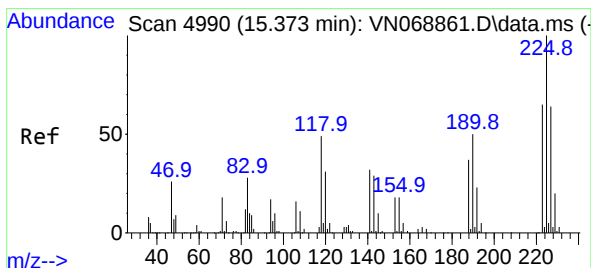
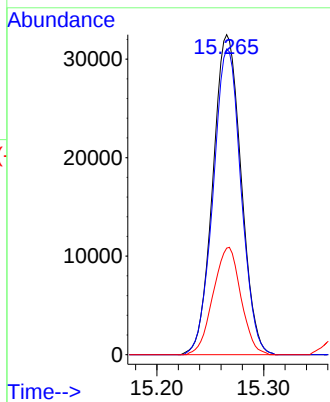
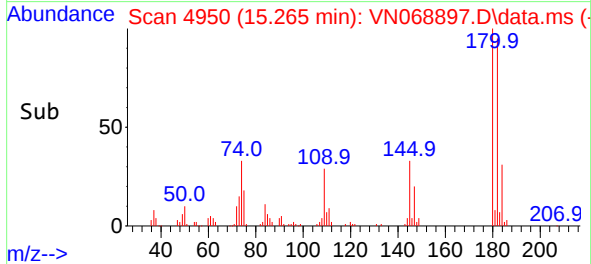
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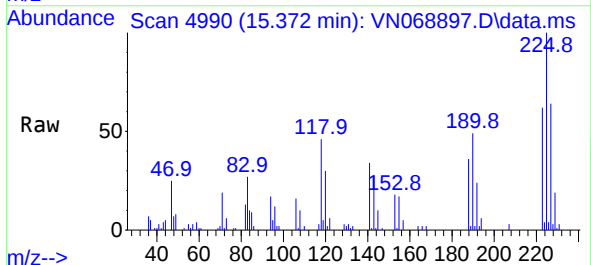
#93  
1,2,4-Trichlorobenzene  
Concen: 17.39 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



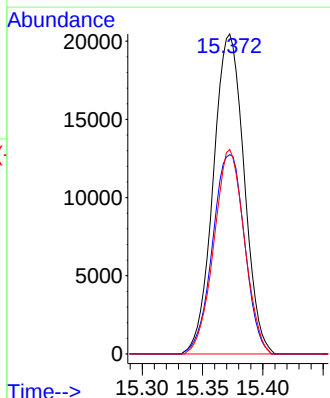
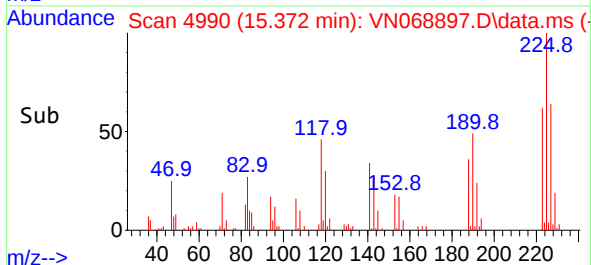
Tgt Ion:180 Resp: 59585  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.9 143.7  
145 33.0 16.4 49.2



#94  
Hexachlorobutadiene  
Concen: 18.14 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



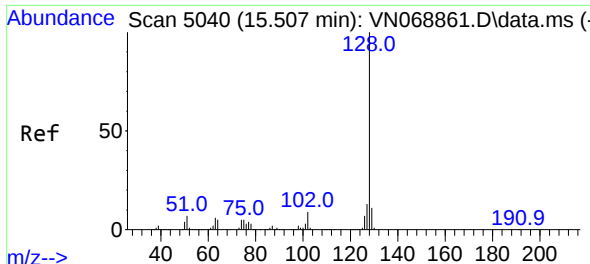
Tgt Ion:225 Resp: 36328  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.5 94.5  
227 63.2 31.6 94.7



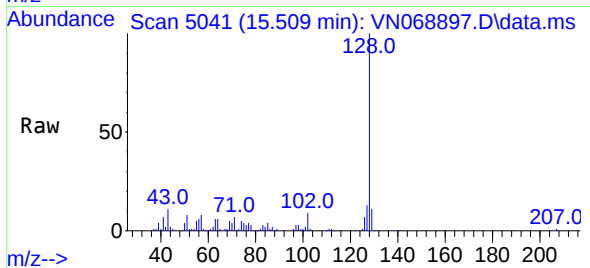
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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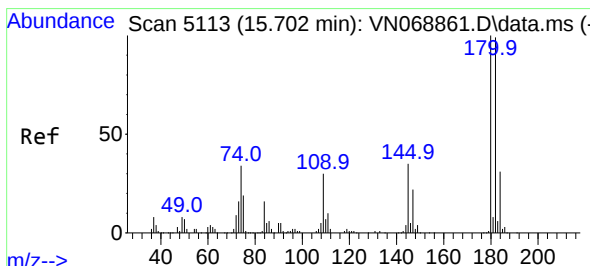
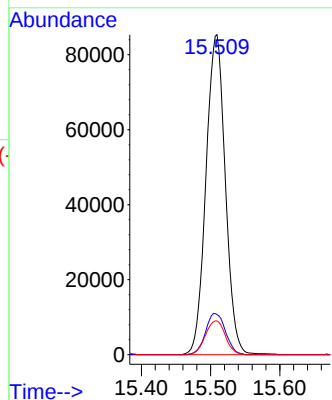
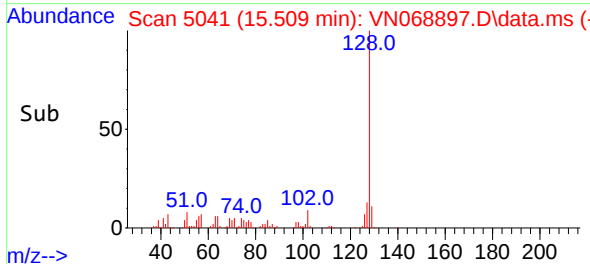
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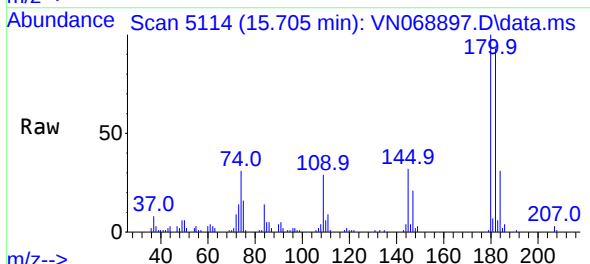
#95  
Naphthalene  
Concen: 18.32 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



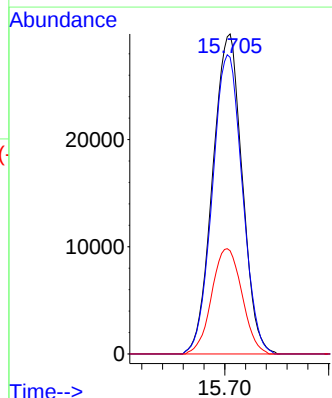
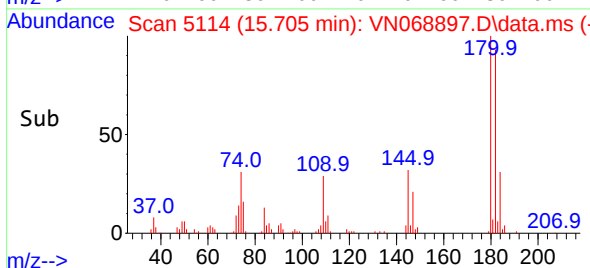
Tgt Ion:128 Resp: 165743  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.5 15.7  
129 10.9 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 17.89 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN068897.D  
Acq: 13 Oct 2021 14:57



Tgt Ion:180 Resp: 58838  
Ion Ratio Lower Upper  
180 100  
182 95.0 48.1 144.3  
145 33.8 17.4 52.2



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1013WBSD01

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