

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031821\  
 Data File : VN066247.D  
 Acq On : 18 Mar 2021 11:58  
 Operator : JC/MD  
 Sample : VN0318WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0318WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2021 3:33:46 PM

Quant Time: Mar 19 04:22:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 05:05:15 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                        |                |      |                    |       |        |          |
| Internal Standards           |                |      |                    |       |        |          |
| 1) Pentafluorobenzene        | 7.582          | 168  | 296447             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.512          | 114  | 437381             | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.347         | 117  | 414958             | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.286         | 152  | 200951             | 50.00 | ug/l   | 0.00     |
|                              |                |      |                    |       |        |          |
| System Monitoring Compounds  |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.946          | 65   | 181838             | 42.57 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 85.14%  |       |        |          |
| 35) Dibromofluoromethane     | 7.507          | 113  | 148796             | 53.33 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 106.66% |       |        |          |
| 50) Toluene-d8               | 10.028         | 98   | 560105             | 51.92 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 103.84% |       |        |          |
| 62) 4-Bromofluorobenzene     | 12.345         | 95   | 198922             | 51.15 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 102.30% |       |        |          |
|                              |                |      |                    |       |        |          |
| Target Compounds             |                |      |                    |       | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.821          | 85   | 50335              | 17.26 | ug/l   | 95       |
| 3) Chloromethane             | 2.017          | 50   | 74993              | 15.75 | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.148          | 62   | 70670              | 16.79 | ug/l   | 97       |
| 5) Bromomethane              | 2.523          | 94   | 39124              | 16.24 | ug/l   | 93       |
| 6) Chloroethane              | 2.658          | 64   | 37911              | 15.57 | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.966          | 101  | 85131              | 17.27 | ug/l   | 96       |
| 8) Diethyl Ether             | 3.344          | 74   | 33311              | 16.55 | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 3.685          | 101  | 47616              | 18.23 | ug/l   | 97       |
| 10) Methyl Iodide            | 3.873          | 142  | 68420              | 18.51 | ug/l   | 95       |
| 11) Tert butyl alcohol       | 4.720          | 59   | 61885              | 84.88 | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 3.663          | 96   | 47020              | 16.89 | ug/l   | 98       |
| 13) Acrolein                 | 3.532          | 56   | 53433              | 81.25 | ug/l   | 98       |
| 14) Allyl chloride           | 4.227          | 41   | 130112             | 19.73 | ug/l   | 98       |
| 15) Acrylonitrile            | 4.881          | 53   | 182394             | 83.54 | ug/l   | 99       |
| 16) Acetone                  | 3.741          | 43   | 181965             | 88.69 | ug/l   | 99       |
| 17) Carbon Disulfide         | 3.969          | 76   | 145092             | 18.46 | ug/l   | 98       |
| 18) Methyl Acetate           | 4.237          | 43   | 115483             | 20.11 | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 4.943          | 73   | 182668             | 17.17 | ug/l   | 99       |
| 20) Methylene Chloride       | 4.452          | 84   | 63252              | 19.71 | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 4.929          | 96   | 57557              | 18.66 | ug/l   | 88       |
| 22) Diisopropyl ether        | 5.857          | 45   | 211593             | 15.62 | ug/l # | 97       |
| 23) Vinyl Acetate            | 5.795          | 43   | 842558             | 72.54 | ug/l # | 95       |
| 24) 1,1-Dichloroethane       | 5.739          | 63   | 115067             | 17.04 | ug/l   | 96       |
| 25) 2-Butanone               | 6.748          | 43   | 237730             | 74.60 | ug/l # | 91       |
| 26) 2,2-Dichloropropane      | 6.723          | 77   | 95773              | 17.16 | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 6.734          | 96   | 66341              | 18.66 | ug/l   | 85       |
| 28) Bromochloromethane       | 7.104          | 49   | 55623              | 15.58 | ug/l # | 80       |
| 29) Tetrahydrofuran          | 7.128          | 42   | 153622             | 70.00 | ug/l # | 88       |
| 30) Chloroform               | 7.284          | 83   | 109529             | 17.77 | ug/l   | 95       |
| 31) Cyclohexane              | 7.568          | 56   | 93126              | 14.56 | ug/l # | 85       |
| 32) 1,1,1-Trichloroethane    | 7.482          | 97   | 91704              | 17.31 | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 7.705          | 75   | 77809              | 17.57 | ug/l   | 95       |
| 37) Ethyl Acetate            | 6.841          | 43   | 97309              | 15.37 | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 7.689          | 117  | 76663              | 19.31 | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.011          | 83   | 84196              | 17.70 | ug/l   | 91       |
| 40) Benzene                  | 7.960          | 78   | 253033             | 19.03 | ug/l   | 99       |

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 Sample : VN0318WBS01  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 3/19/2021 3:33:46 PM

Quant Time: Mar 19 04:22:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 05:05:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.080  | 41   | 48465    | 15.52  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.046  | 62   | 87007    | 18.03  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.091  | 43   | 152780   | 15.61  | ug/l # | 95       |
| 44) Trichloroethene           | 8.764  | 130  | 67539    | 20.90  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.046  | 63   | 71963    | 18.70  | ug/l   | 97       |
| 46) Dibromomethane            | 9.140  | 93   | 42162    | 19.66  | ug/l   | 87       |
| 47) Bromodichloromethane      | 9.336  | 83   | 86735    | 18.55  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.135  | 41   | 69799    | 15.04  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.143  | 88   | 18795    | 373.27 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 9.920  | 43   | 483550   | 81.74  | ug/l   | 95       |
| 52) Toluene                   | 10.089 | 92   | 152262   | 19.76  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.320 | 75   | 94404    | 17.86  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.776  | 75   | 103119   | 17.95  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.500 | 97   | 64698    | 20.49  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.368 | 69   | 82894    | 16.23  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.644 | 76   | 107400   | 18.86  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.631  | 63   | 45985    | 106.32 | ug/l # | 89       |
| 59) 2-Hexanone                | 10.693 | 43   | 350651   | 76.74  | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.840 | 129  | 68139    | 20.61  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 10.945 | 107  | 65197    | 20.74  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.569 | 164  | 73820    | 21.45  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.374 | 112  | 165414   | 19.87  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.449 | 131  | 63934    | 20.50  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.454 | 91   | 269382   | 18.24  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.562 | 106  | 213928   | 39.05  | ug/l   | 92       |
| 69) o-Xylene                  | 11.892 | 106  | 97851    | 18.59  | ug/l   | 95       |
| 70) Styrene                   | 11.908 | 104  | 168848   | 18.67  | ug/l   | 97       |
| 71) Bromoform                 | 12.069 | 173  | 49829    | 20.15  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.192 | 105  | 249293   | 17.70  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.015 | 43   | 103978   | 14.88  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.447 | 83   | 89946    | 18.28  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.498 | 75   | 89243m   | 17.20  | ug/l   |          |
| 77) Bromobenzene              | 12.466 | 156  | 66666    | 18.05  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.535 | 91   | 301440   | 18.61  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.616 | 91   | 188013   | 19.01  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.677 | 105  | 214974   | 18.40  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.243 | 75   | 29710    | 17.13  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.718 | 91   | 188315   | 17.81  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.938 | 119  | 160840   | 15.78  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 12.983 | 105  | 197166   | 17.26  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.115 | 105  | 233375   | 17.86  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.233 | 119  | 209464   | 18.28  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.227 | 146  | 124115   | 19.83  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.305 | 146  | 123884   | 18.90  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.560 | 91   | 169407   | 16.32  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.815 | 117  | 35732    | 17.81  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.597 | 146  | 124273   | 20.15  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.217 | 75   | 18933    | 17.79  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.850 | 180  | 79287    | 19.68  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.949 | 225  | 39311    | 20.07  | ug/l   | 99       |
| 95) Naphthalene               | 15.070 | 128  | 210578   | 17.87  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.249 | 180  | 65408    | 16.30  | ug/l   | 99       |

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Sample : VN0318WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: Mar 19 04:22:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 17 05:05:15 2021  
Response via : Initial Calibration

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

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

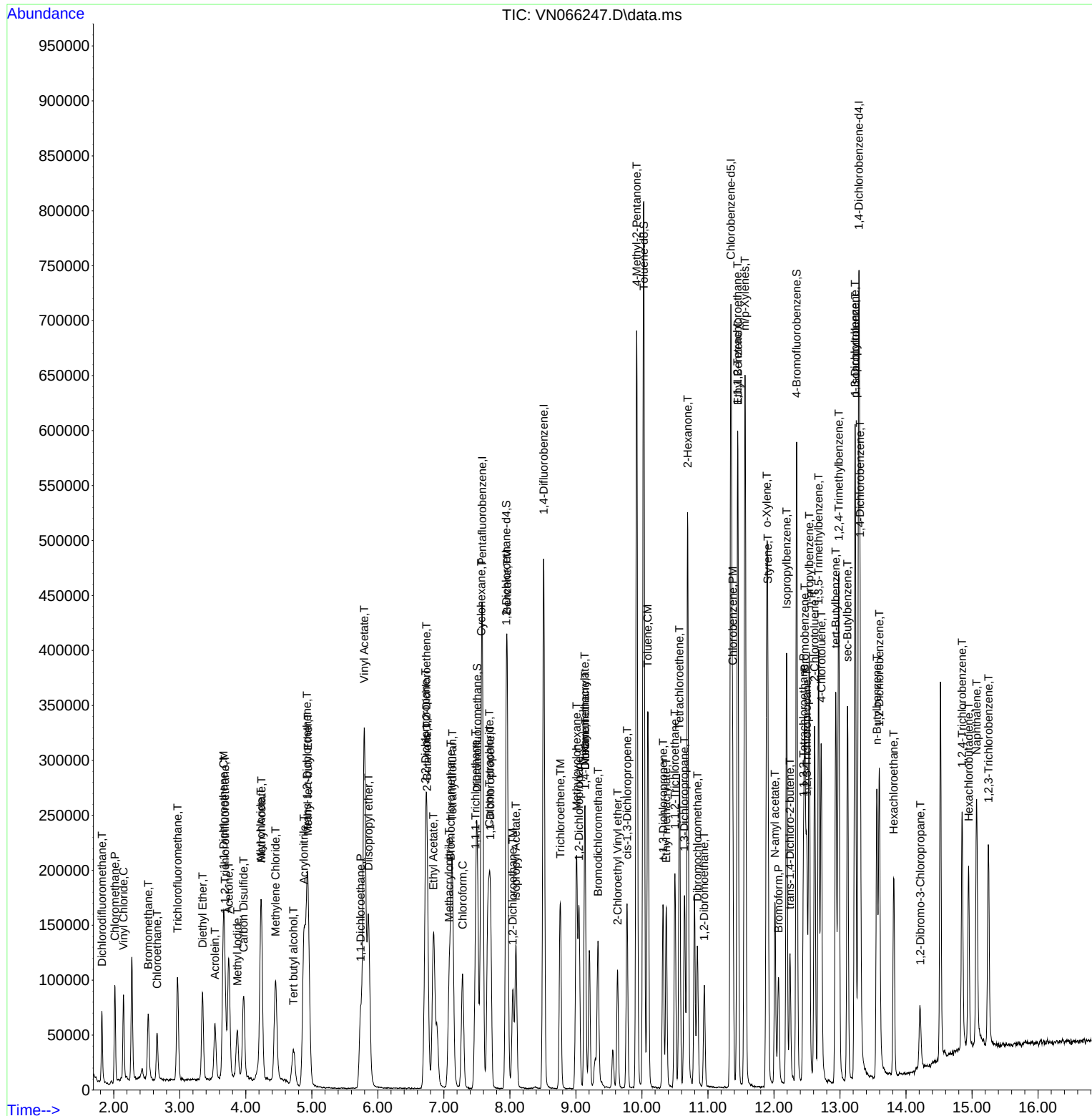
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 Data File : VN066247.D  
 Acq On : 18 Mar 2021 11:58  
 Operator : JC/MD  
 Sample : VN0318WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

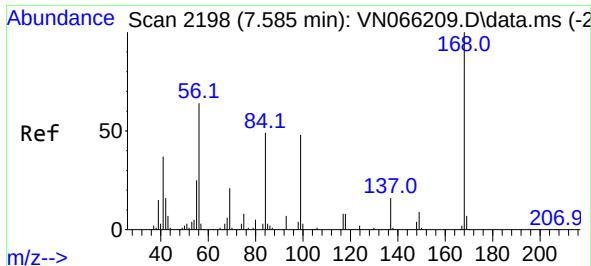
Instrument :  
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 ClientSampleId :  
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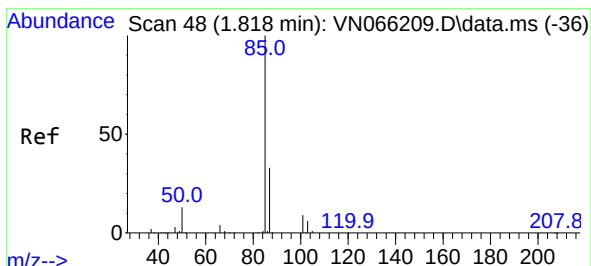
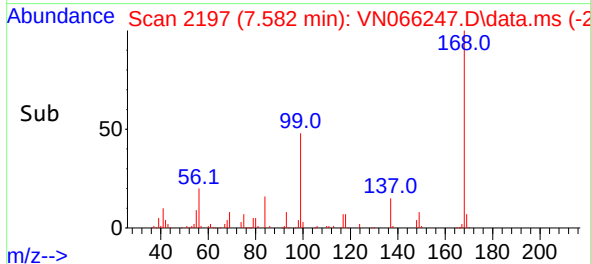
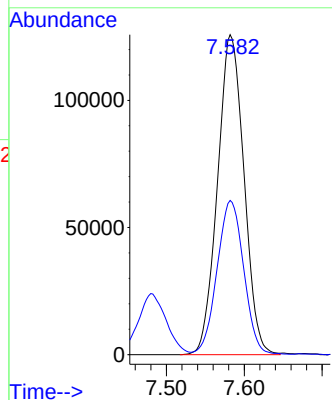
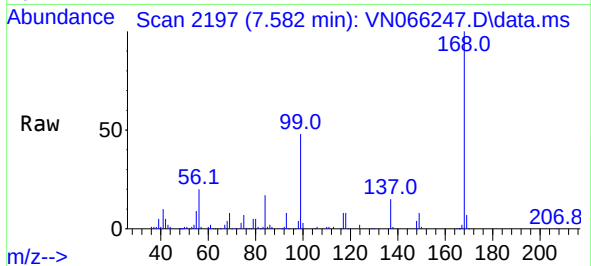
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.582 min Scan# 2197  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 168 Resp: 296447  
Ion Ratio Lower Upper  
168 100  
99 47.9 45.4 68.0

Instrument :  
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ClientSampleId :  
VN0318WBS01

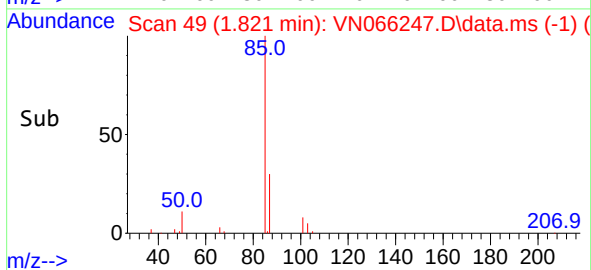
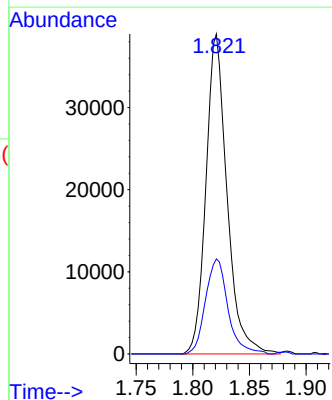
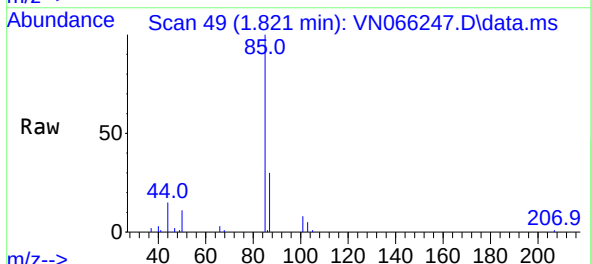
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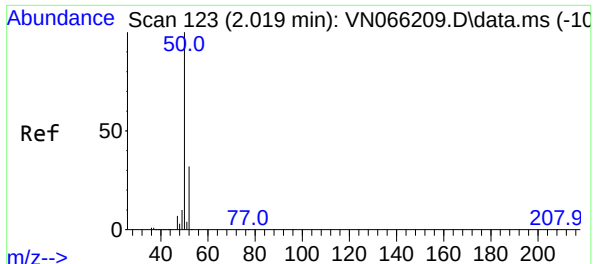
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#2  
Dichlorodifluoromethane  
Concen: 17.26 ug/l  
RT: 1.821 min Scan# 49  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 85 Resp: 50335  
Ion Ratio Lower Upper  
85 100  
87 29.7 16.4 49.2





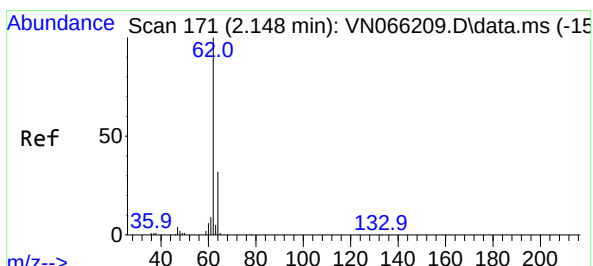
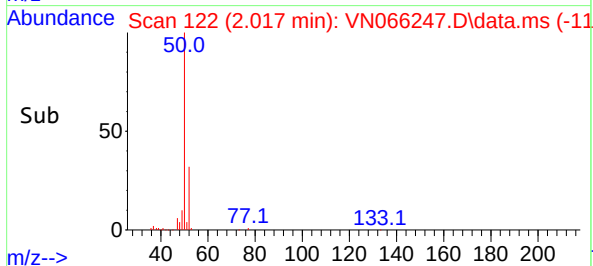
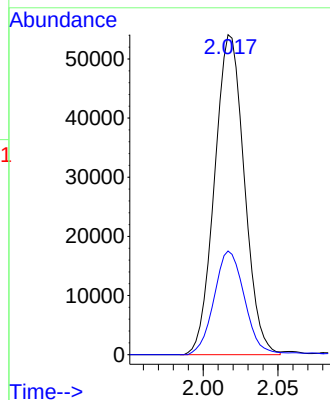
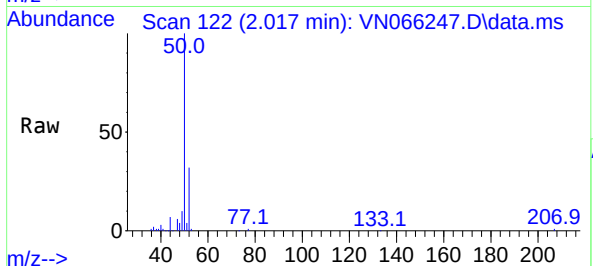
#3  
Chloromethane  
Concen: 15.75 ug/l  
RT: 2.017 min Scan# 122  
Delta R.T. -0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 50 Resp: 74993  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.2 39.4

Instrument :  
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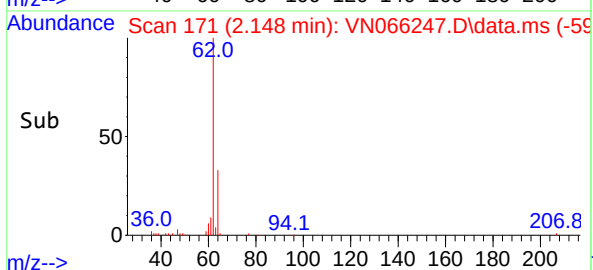
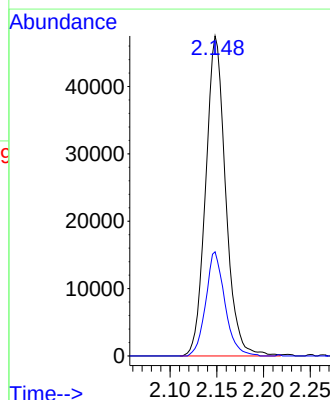
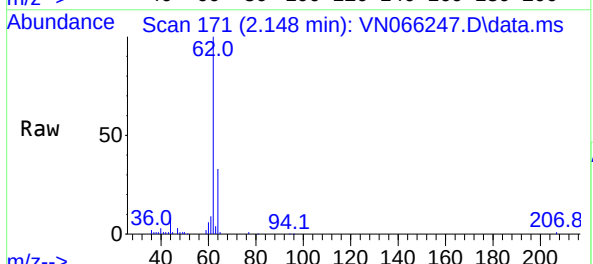
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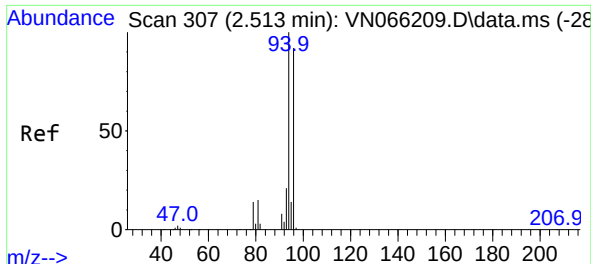
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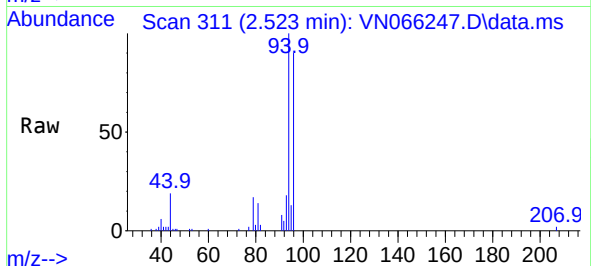
#4  
Vinyl Chloride  
Concen: 16.79 ug/l  
RT: 2.148 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 62 Resp: 70670  
Ion Ratio Lower Upper  
62 100  
64 32.6 24.9 37.3

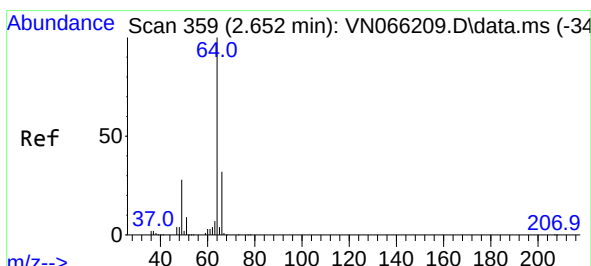
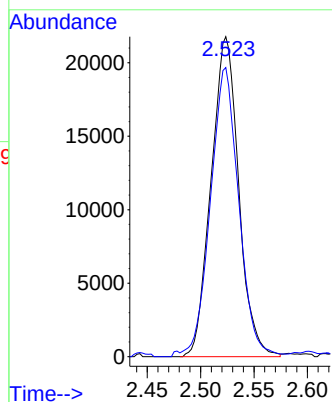
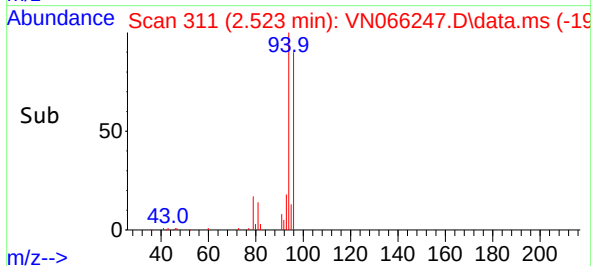




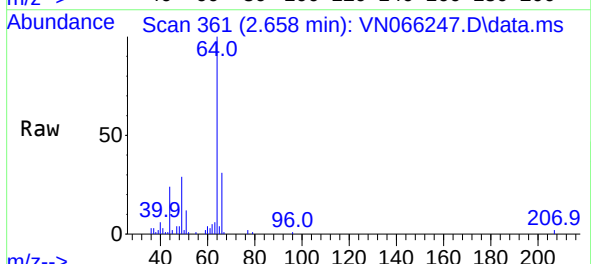
#5  
Bromomethane  
Concen: 16.24 ug/l  
RT: 2.523 min Scan# 311  
Delta R.T. 0.010 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



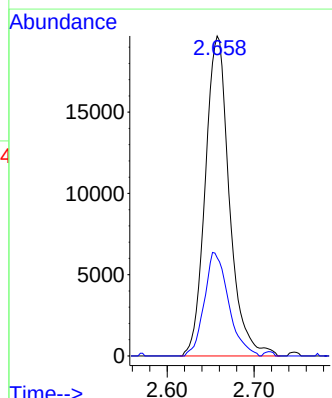
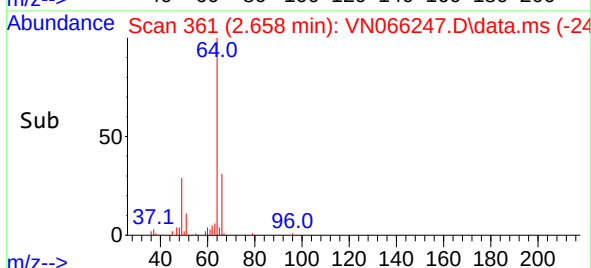
Tgt Ion: 94 Resp: 39124  
Ion Ratio Lower Upper  
94 100  
96 89.5 77.3 115.9



#6  
Chloroethane  
Concen: 15.57 ug/l  
RT: 2.658 min Scan# 361  
Delta R.T. 0.006 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



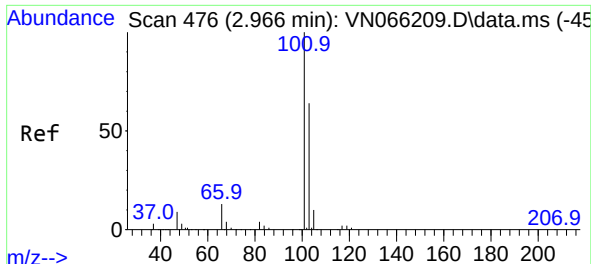
Tgt Ion: 64 Resp: 37911  
Ion Ratio Lower Upper  
64 100  
66 30.7 24.8 37.2



Instrument :  
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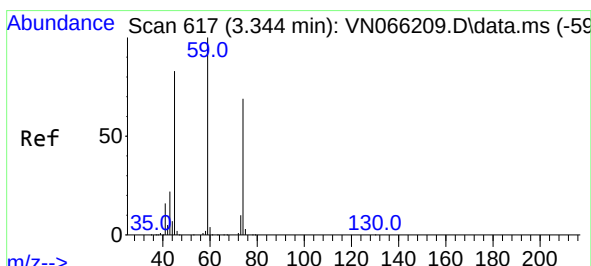
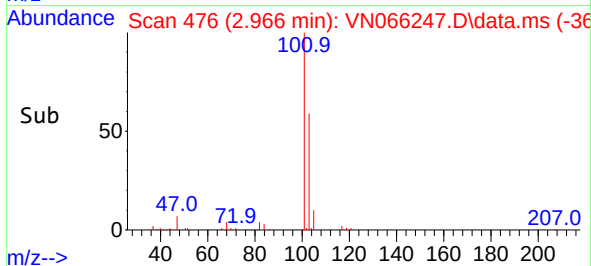
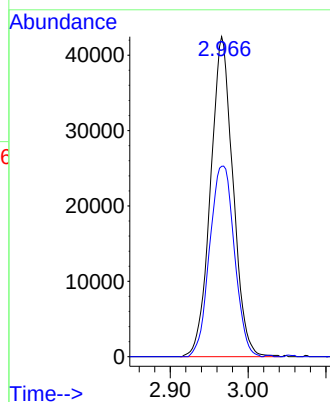
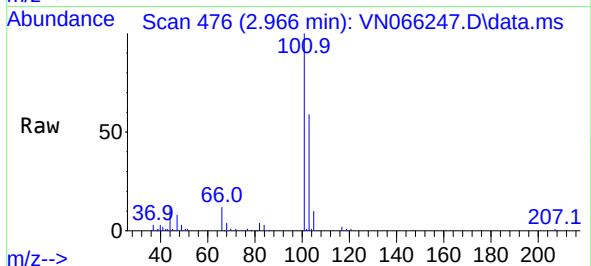
#7  
Trichlorofluoromethane  
Concen: 17.27 ug/l  
RT: 2.966 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:101 Resp: 85131  
Ion Ratio Lower Upper  
101 100  
103 59.5 50.3 75.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

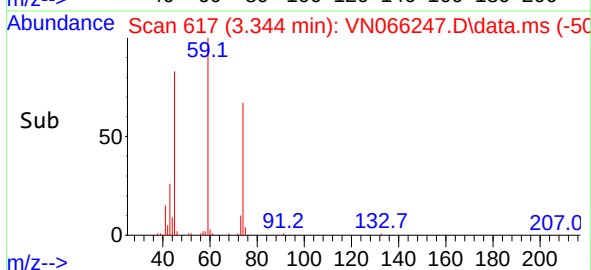
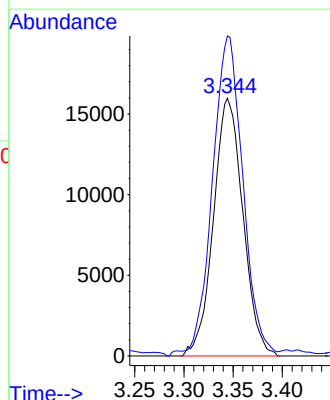
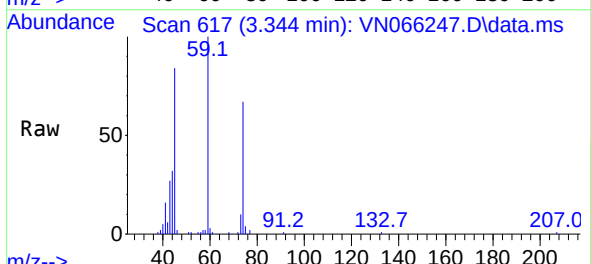
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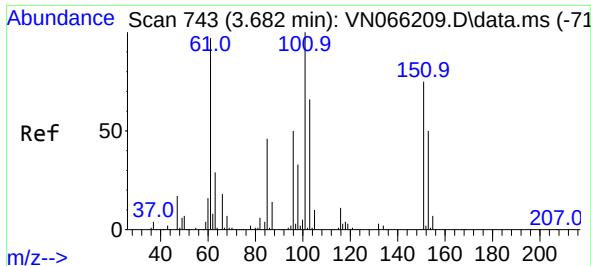


#8  
Diethyl Ether  
Concen: 16.55 ug/l  
RT: 3.344 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 74 Resp: 33311  
Ion Ratio Lower Upper  
74 100  
45 123.5 66.1 198.4







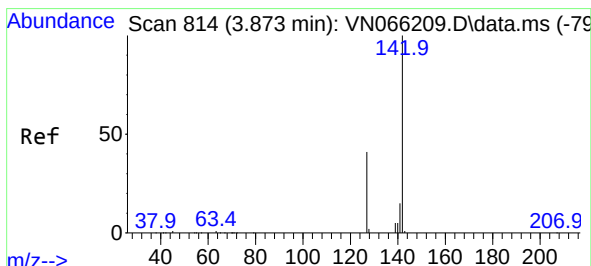
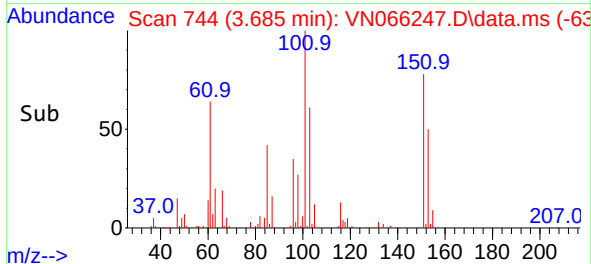
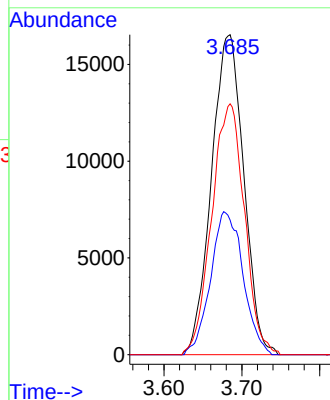
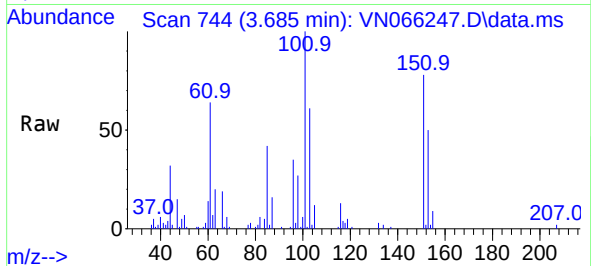
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.23 ug/l  
RT: 3.685 min Scan# 744  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 47616 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.0  | 36.6  | 54.8  |
| 151      | 79.5  | 61.0  | 91.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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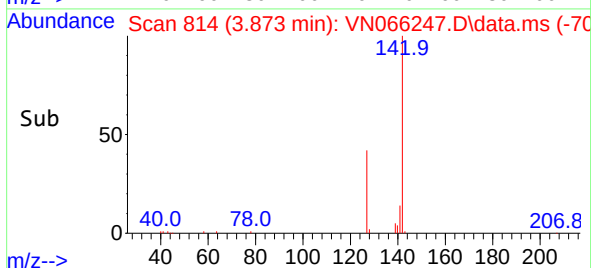
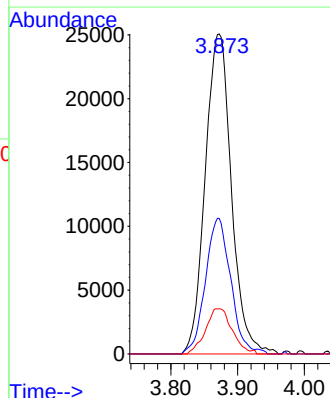
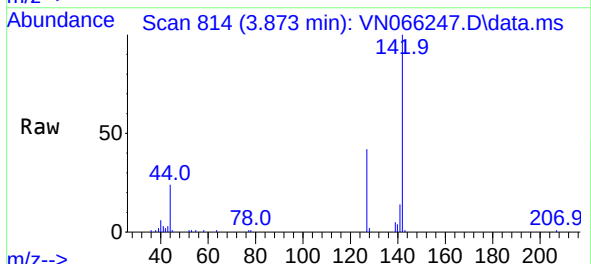
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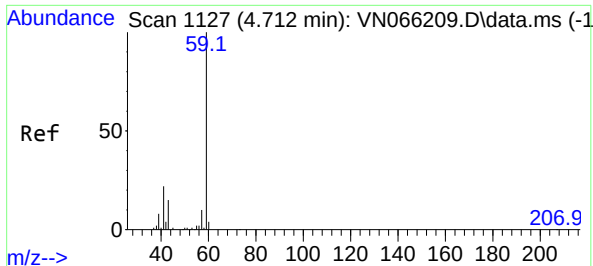
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#10  
Methyl Iodide  
Concen: 18.51 ug/l  
RT: 3.873 min Scan# 814  
Delta R.T. -0.001 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 68420 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 40.6  | 35.9  | 53.9  |
| 141      | 14.2  | 11.8  | 17.8  |





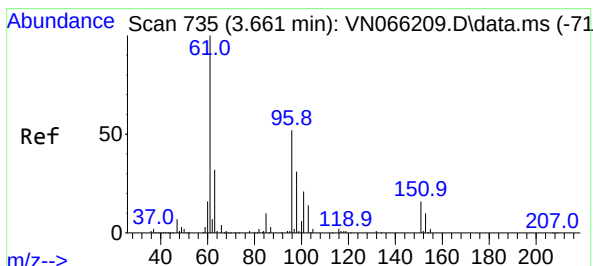
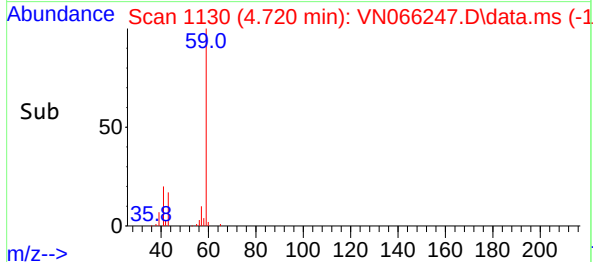
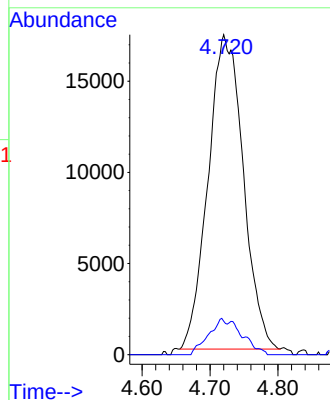
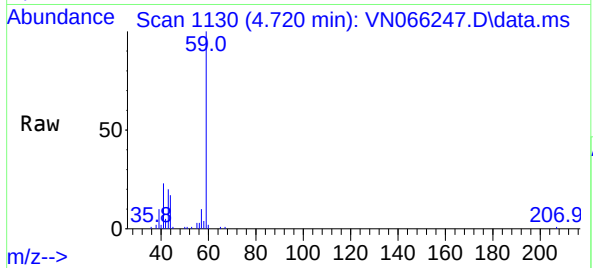
#11  
Tert butyl alcohol  
Concen: 84.88 ug/l  
RT: 4.720 min Scan# 1130  
Delta R.T. 0.008 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 59 Resp: 61885  
Ion Ratio Lower Upper  
59 100  
57 6.0 8.0 12.0#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

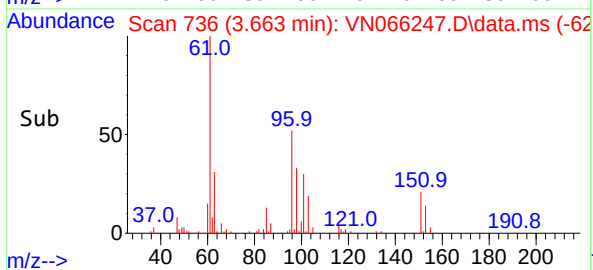
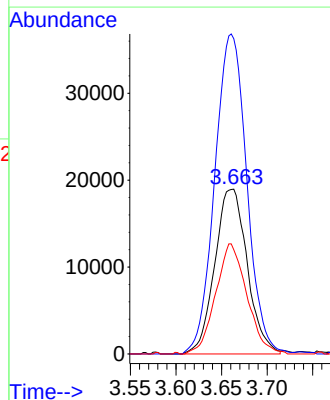
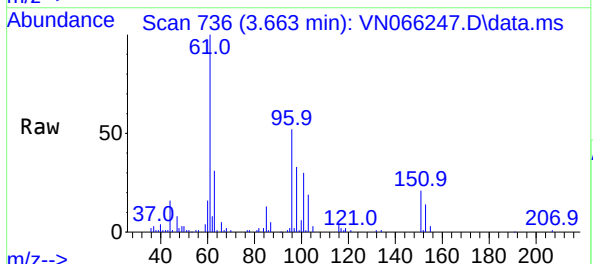
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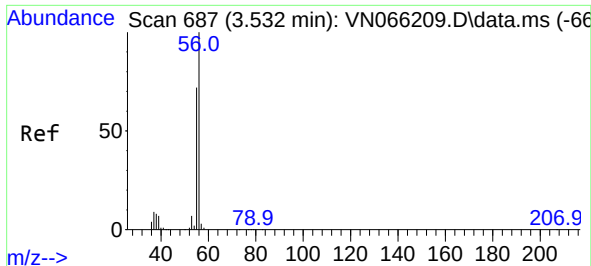
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#12  
1,1-Dichloroethene  
Concen: 16.89 ug/l  
RT: 3.663 min Scan# 736  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 96 Resp: 47020  
Ion Ratio Lower Upper  
96 100  
61 191.3 155.4 233.2  
98 63.2 50.8 76.2





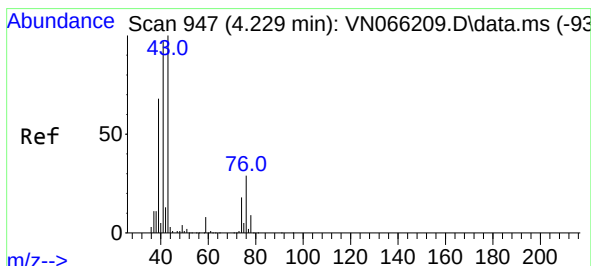
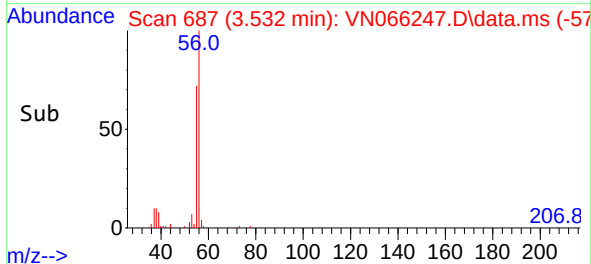
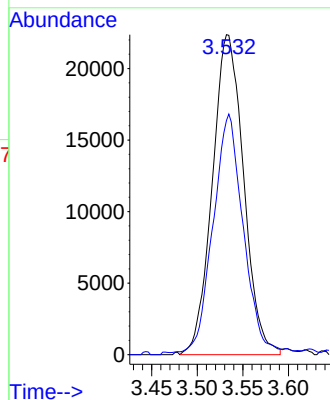
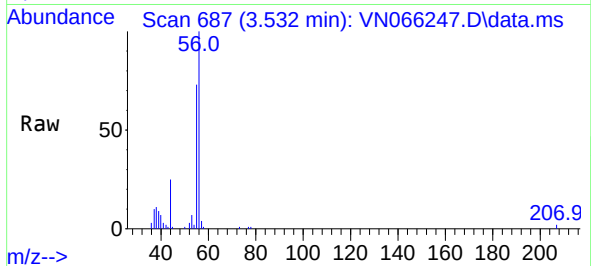
#13  
Acrolein  
Concen: 81.25 ug/l  
RT: 3.532 min Scan# 687  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 56 Resp: 53433  
Ion Ratio Lower Upper  
56 100  
55 71.0 58.0 87.0

Instrument :  
MSVOA\_N  
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VN0318WBS01

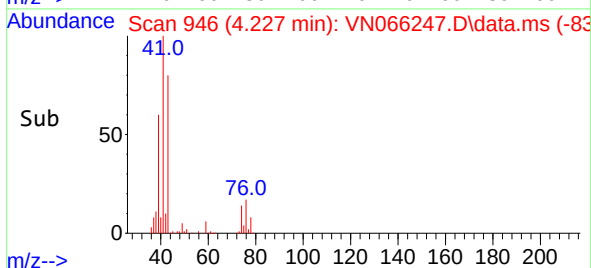
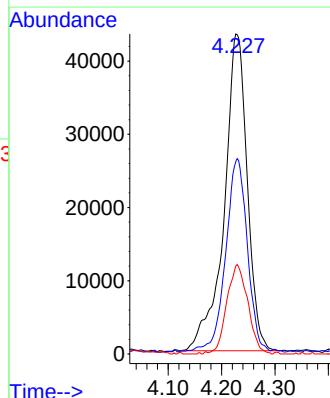
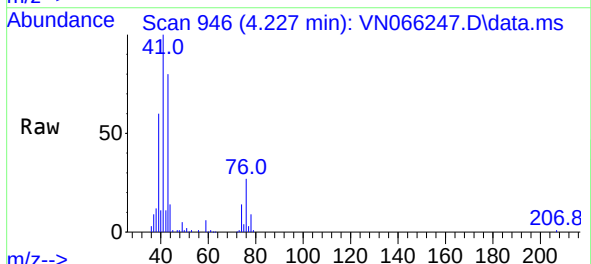
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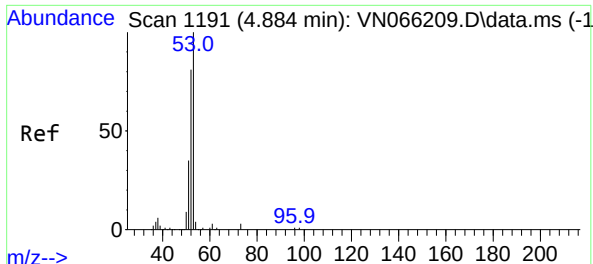
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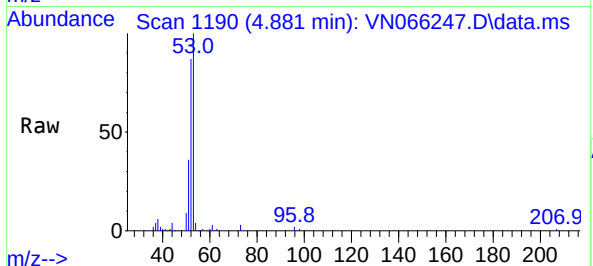
#14  
Allyl chloride  
Concen: 19.73 ug/l  
RT: 4.227 min Scan# 946  
Delta R.T. -0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 41 Resp: 130112  
Ion Ratio Lower Upper  
41 100  
39 57.2 46.4 69.6  
76 25.7 18.8 28.2



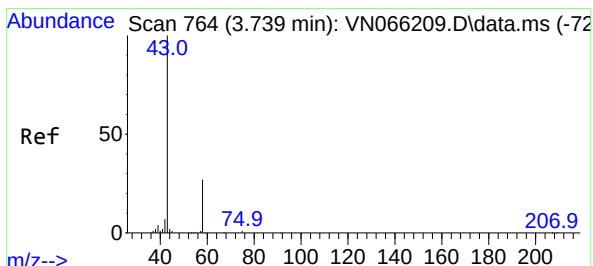
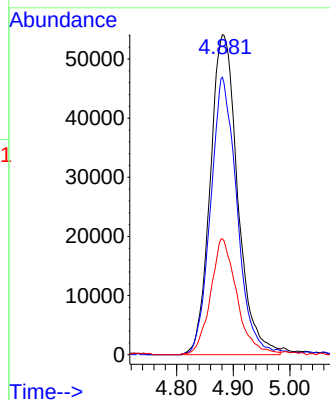
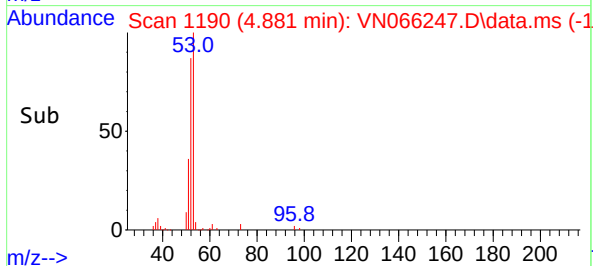


#15  
Acrylonitrile  
Concen: 83.54 ug/l  
RT: 4.881 min Scan# 1190  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

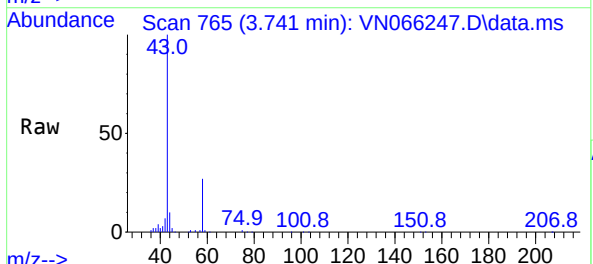


Tgt Ion: 53 Resp: 182394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.9  | 66.2  | 99.2  |
| 51  | 34.8  | 28.5  | 42.7  |

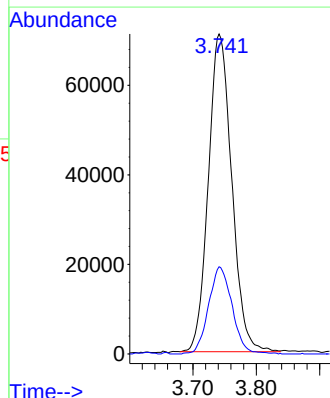
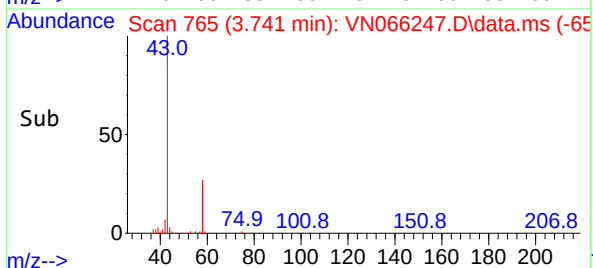


#16  
Acetone  
Concen: 88.69 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion: 43 Resp: 181965

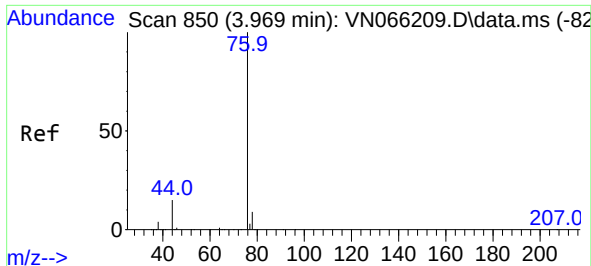
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.4  | 22.3  | 33.5  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

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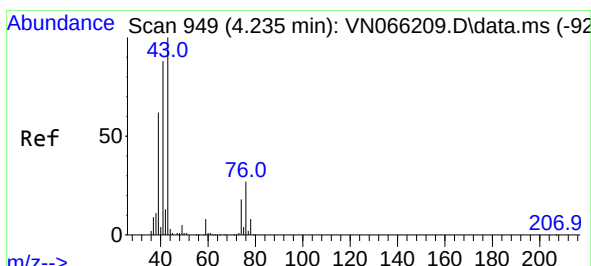
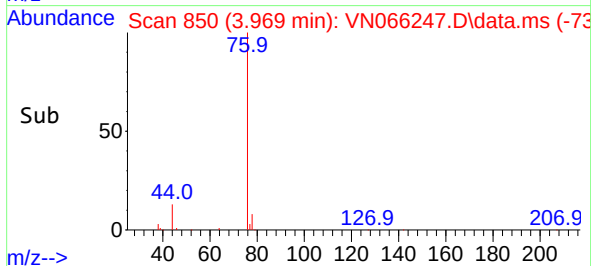
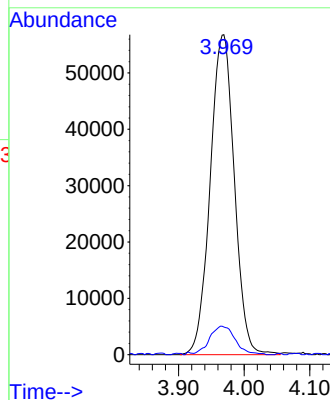
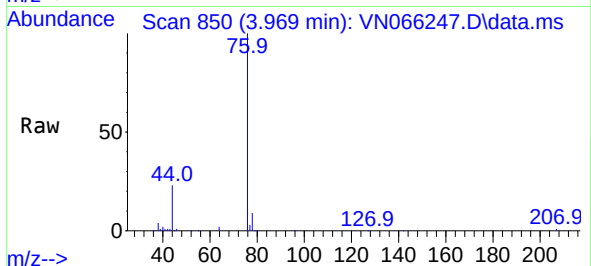
#17  
Carbon Disulfide  
Concen: 18.46 ug/l  
RT: 3.969 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 76 Resp: 145092  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.3 10.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

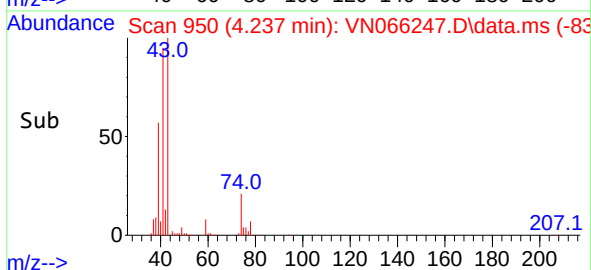
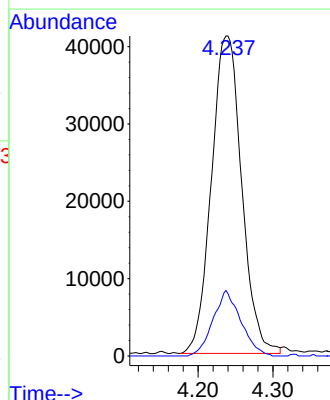
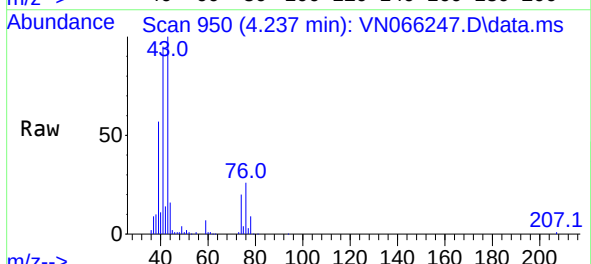
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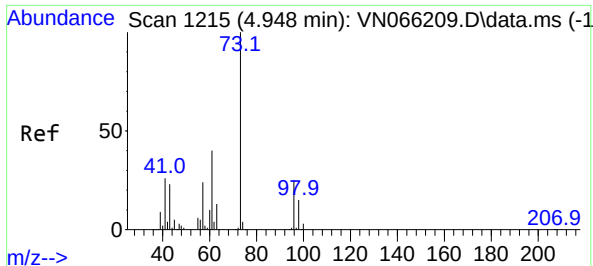
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#18  
Methyl Acetate  
Concen: 20.11 ug/l  
RT: 4.237 min Scan# 950  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 43 Resp: 115483  
Ion Ratio Lower Upper  
43 100  
74 18.9 14.2 21.2





#19

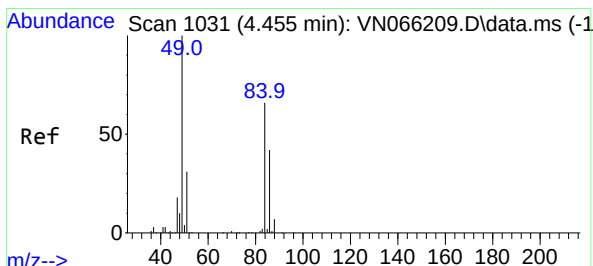
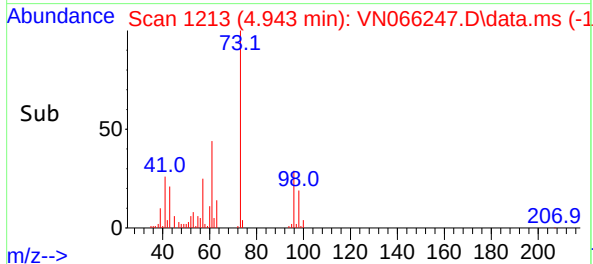
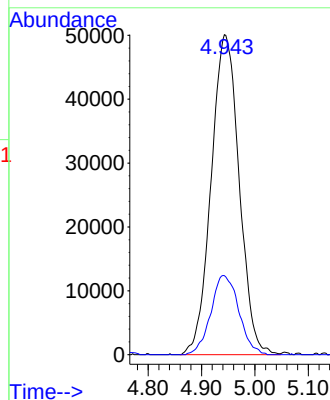
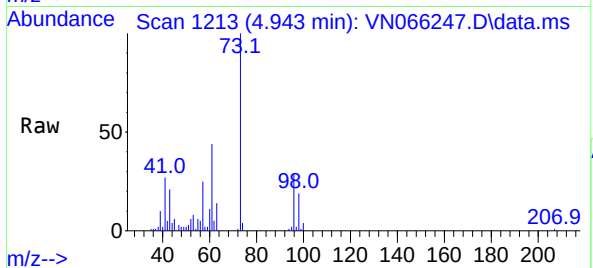
Methyl tert-butyl Ether  
Concen: 17.17 ug/l  
RT: 4.943 min Scan# 1213  
Delta R.T. -0.005 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 73 Resp: 182668  
Ion Ratio Lower Upper  
73 100  
57 24.7 20.3 30.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

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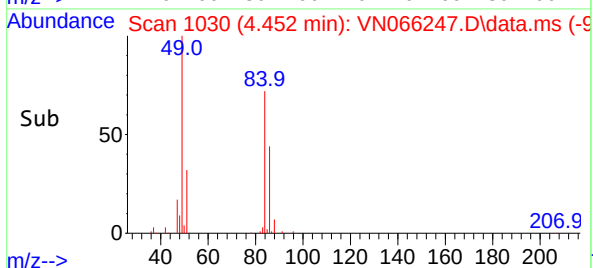
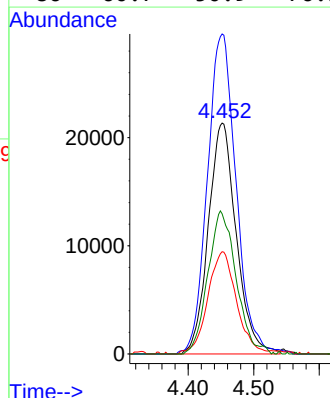
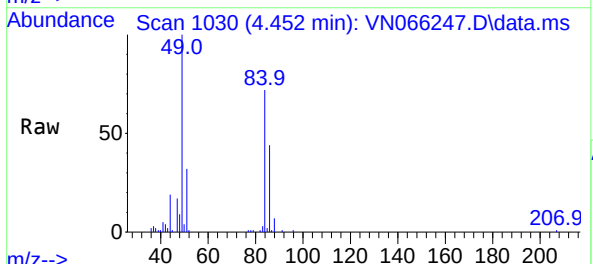
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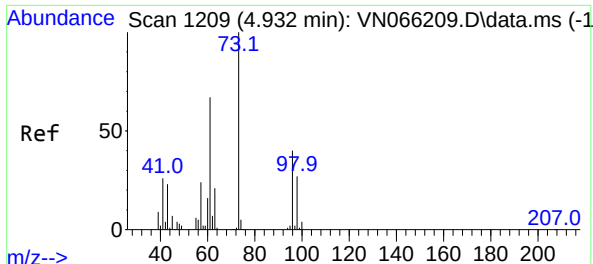


#20

Methylene Chloride  
Concen: 19.71 ug/l  
RT: 4.452 min Scan# 1030  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 84 Resp: 63252  
Ion Ratio Lower Upper  
84 100  
49 137.4 130.0 195.0  
51 43.4 39.1 58.7  
86 60.7 50.9 76.3



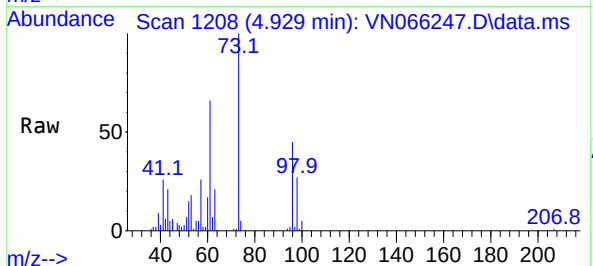


#21  
trans-1,2-Dichloroethene  
Concen: 18.66 ug/l  
RT: 4.929 min Scan# 1208  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

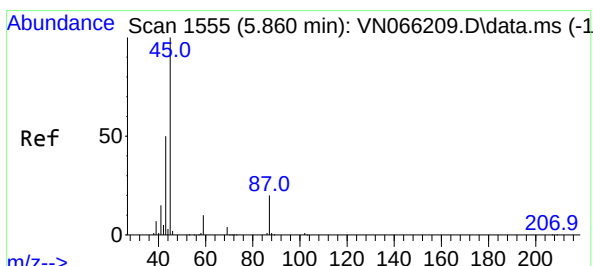
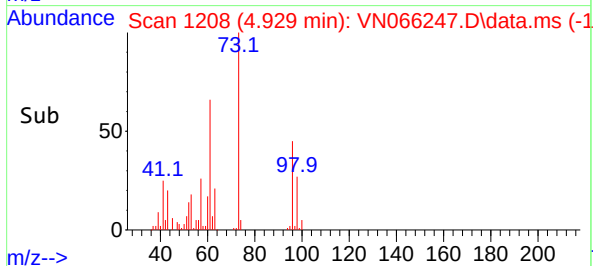
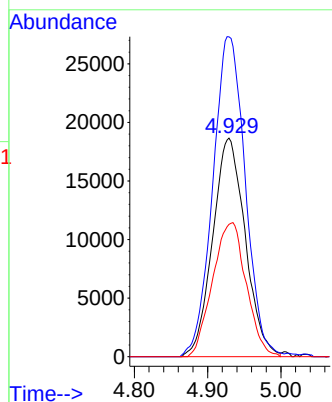
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

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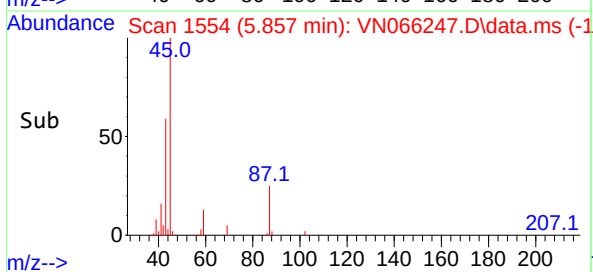
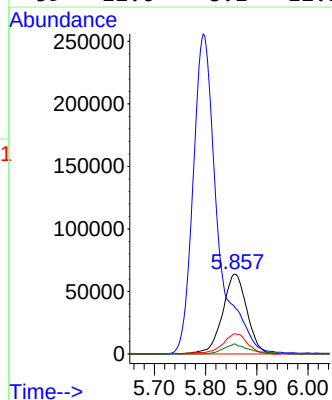
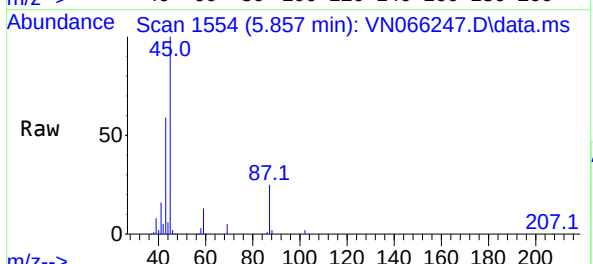


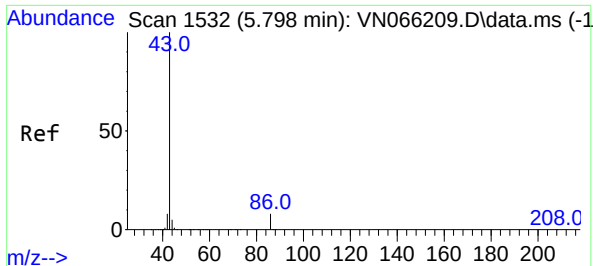
Tgt Ion: 96 Resp: 57557  
Ion Ratio Lower Upper  
96 100  
61 146.4 133.2 199.8  
98 60.6 52.0 78.0



#22  
Diisopropyl ether  
Concen: 15.62 ug/l  
RT: 5.857 min Scan# 1554  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 45 Resp: 211593  
Ion Ratio Lower Upper  
45 100  
43 56.4 45.0 67.4  
87 25.3 16.4 24.6#  
59 12.6 8.1 12.1#



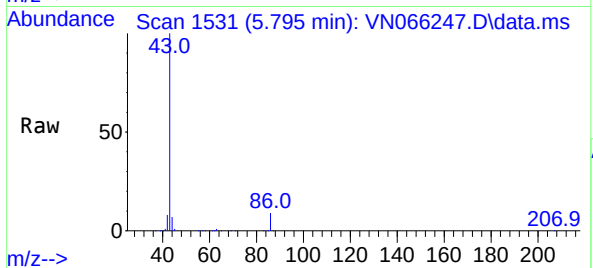


#23  
 Vinyl Acetate  
 Concen: 72.54 ug/l  
 RT: 5.795 min Scan# 1531  
 Delta R.T. -0.003 min  
 Lab File: VN066247.D  
 Acq: 18 Mar 2021 11:58

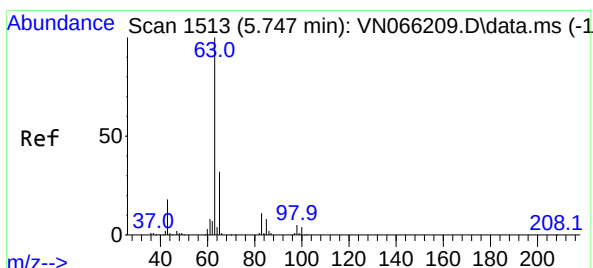
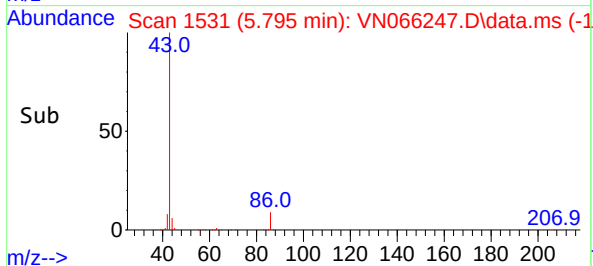
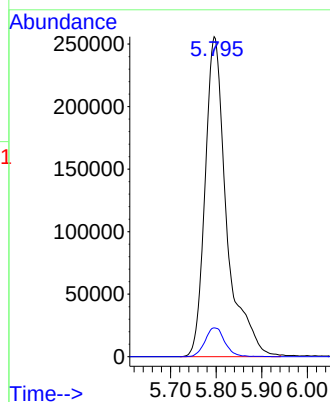
Instrument :  
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 ClientSampleId :  
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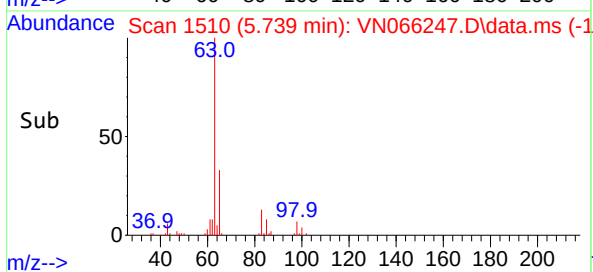
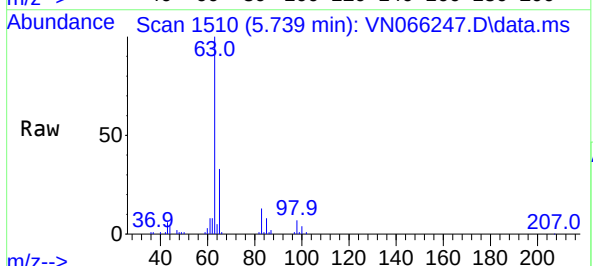
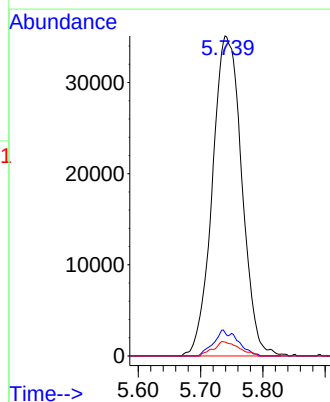


Tgt Ion: 43 Resp: 842558  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 5.8 8.6#

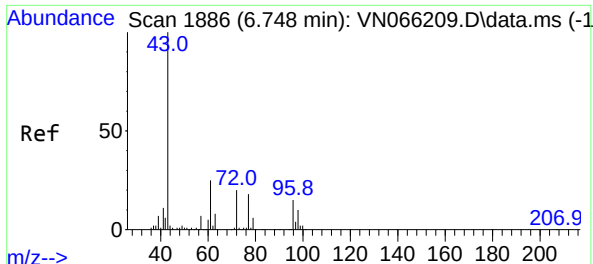


#24  
 1,1-Dichloroethane  
 Concen: 17.04 ug/l  
 RT: 5.739 min Scan# 1510  
 Delta R.T. -0.008 min  
 Lab File: VN066247.D  
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Tgt Ion: 63 Resp: 115067  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 2.9 8.6  
 100 4.3 1.7 5.0







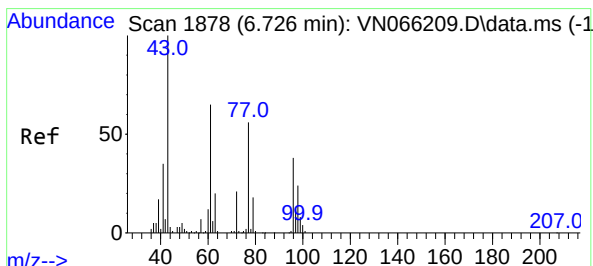
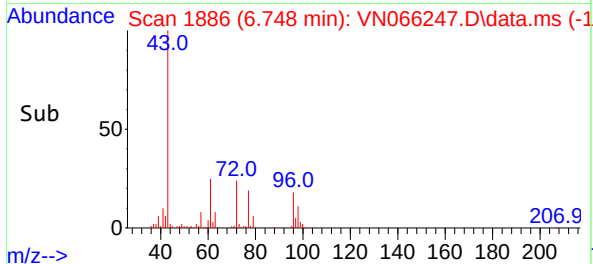
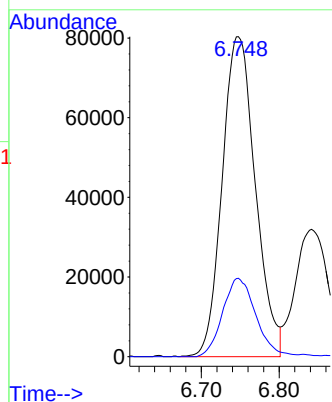
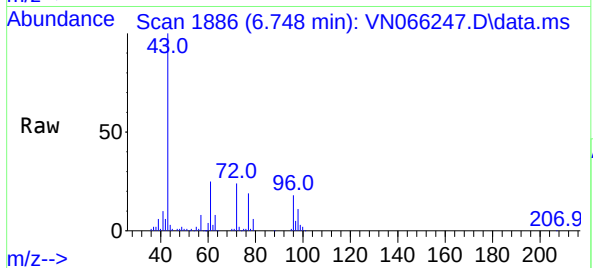
#25  
2-Butanone  
Concen: 74.60 ug/l  
RT: 6.748 min Scan# 1886  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
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Tgt Ion: 43 Resp: 237730  
Ion Ratio Lower Upper  
43 100  
72 24.5 16.2 24.2#

Instrument :  
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ClientSampleId :  
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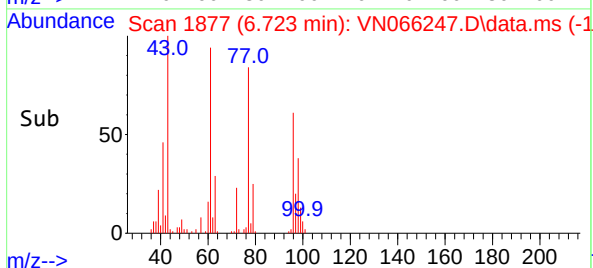
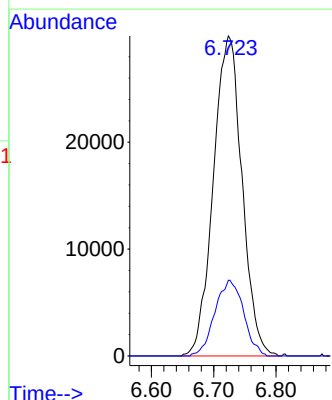
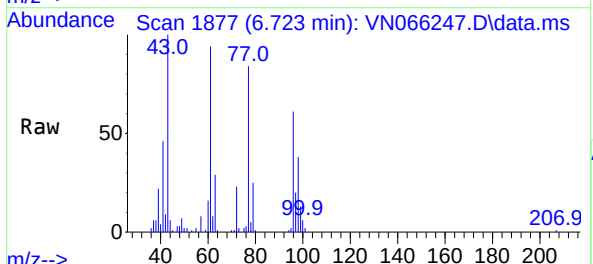
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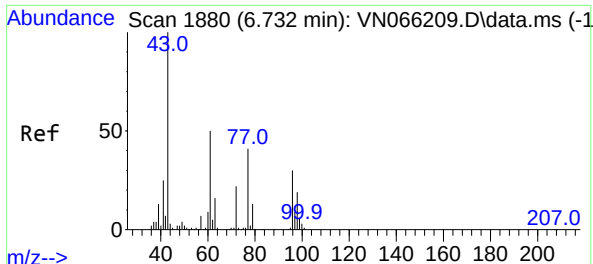
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#26  
2,2-Dichloropropane  
Concen: 17.16 ug/l  
RT: 6.723 min Scan# 1877  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

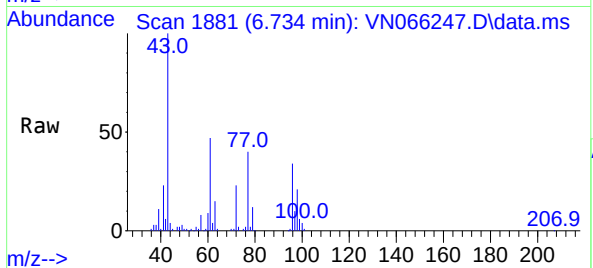
Tgt Ion: 77 Resp: 95773  
Ion Ratio Lower Upper  
77 100  
97 23.7 10.9 32.7





#27  
cis-1,2-Dichloroethene  
Concen: 18.66 ug/l  
RT: 6.734 min Scan# 1881  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

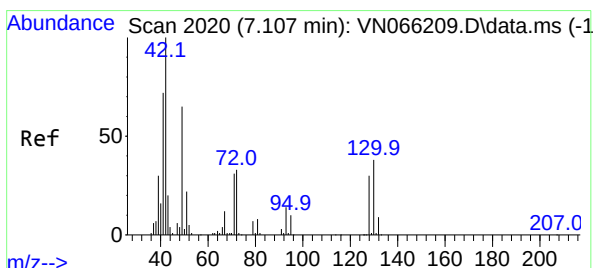
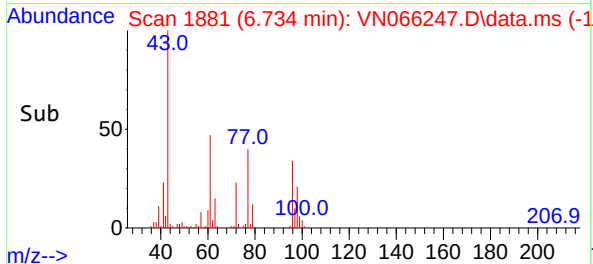
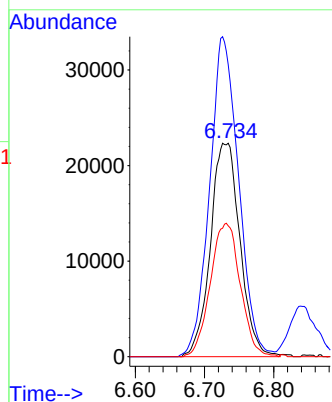
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



Tgt Ion: 96 Resp: 66341  
Ion Ratio Lower Upper  
96 100  
61 147.0 0.0 350.8  
98 63.3 0.0 125.0

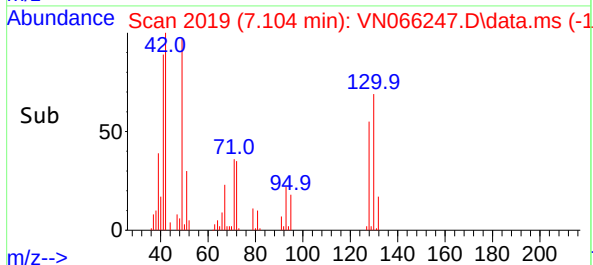
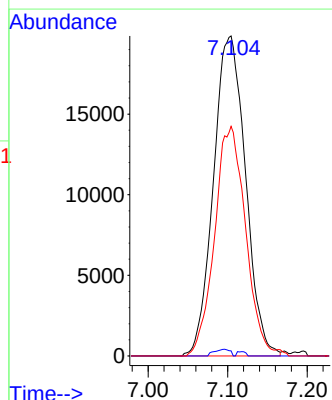
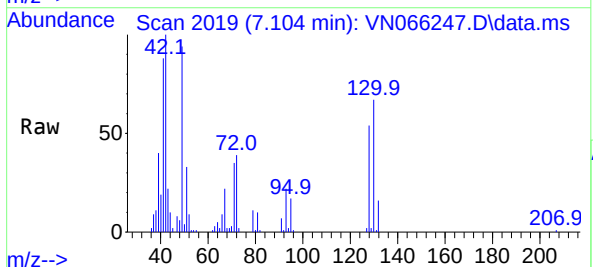
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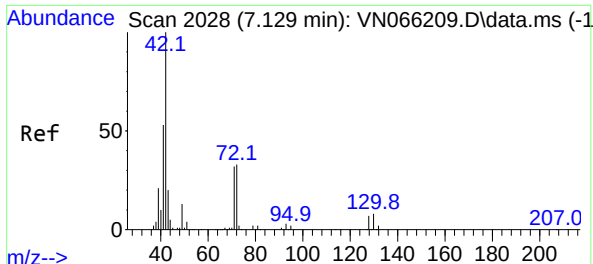
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#28  
Bromochloromethane  
Concen: 15.58 ug/l  
RT: 7.104 min Scan# 2019  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

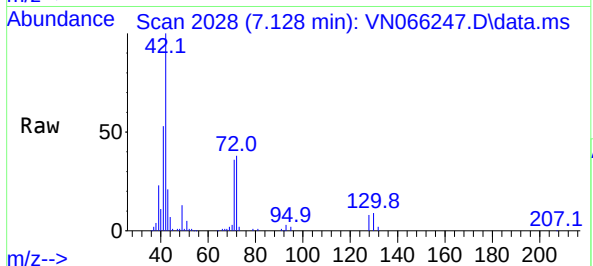
Tgt Ion: 49 Resp: 55623  
Ion Ratio Lower Upper  
49 100  
129 0.4 0.0 2.4  
130 68.9 43.6 65.4#





#29  
Tetrahydrofuran  
Concen: 70.00 ug/l  
RT: 7.128 min Scan# 2028  
Delta R.T. -0.001 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

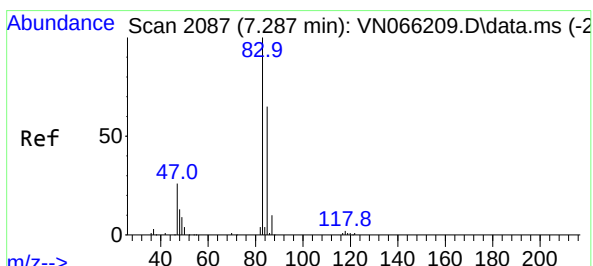
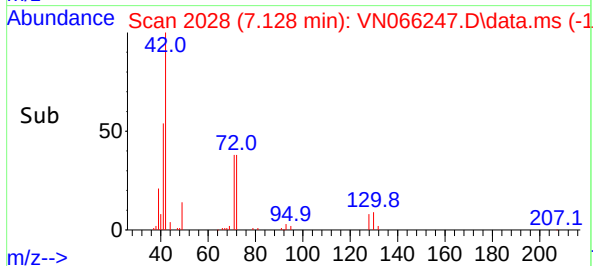
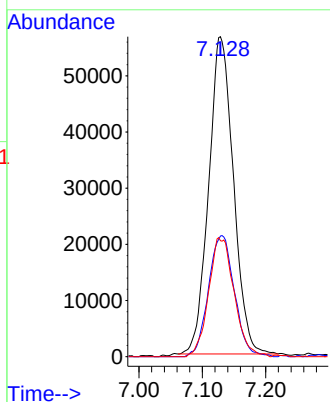
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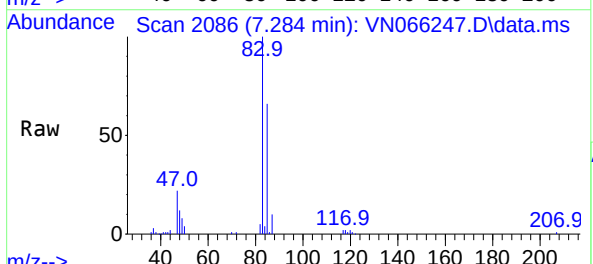
Tgt Ion: 42 Resp: 153622  
Ion Ratio Lower Upper  
42 100  
72 39.9 26.2 39.4#  
71 38.4 25.4 38.2#

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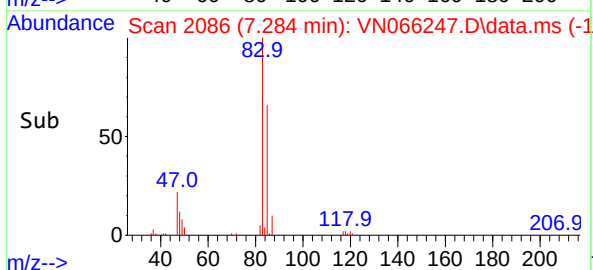
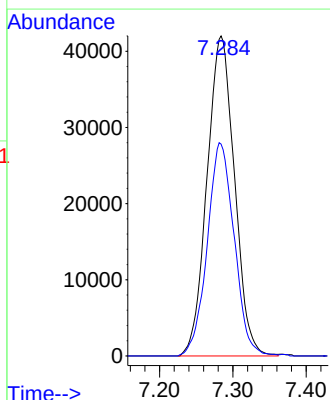
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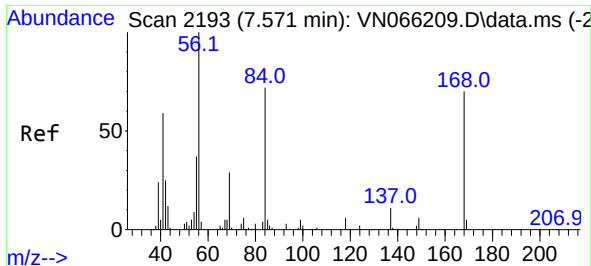


#30  
Chloroform  
Concen: 17.77 ug/l  
RT: 7.284 min Scan# 2086  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

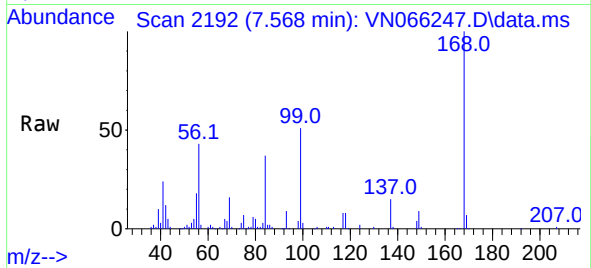


Tgt Ion: 83 Resp: 109529  
Ion Ratio Lower Upper  
83 100  
85 66.2 49.9 74.9

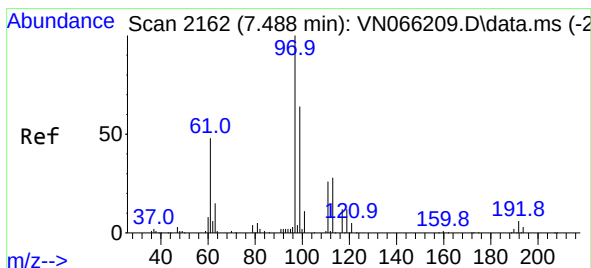
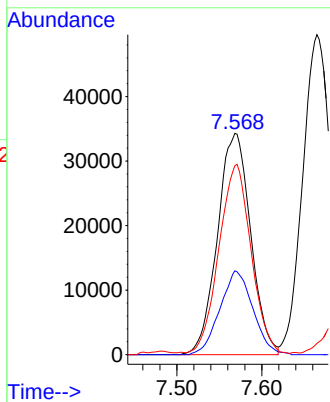
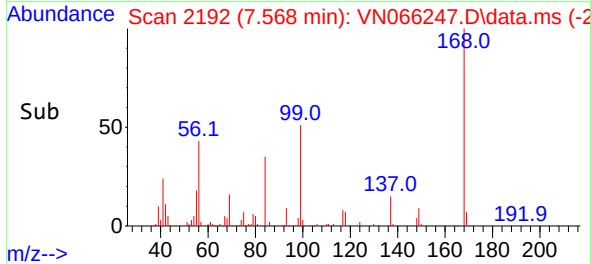




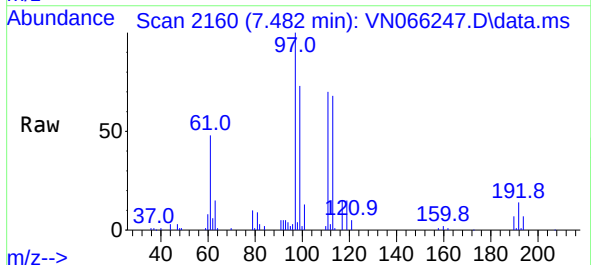
#31  
Cyclohexane  
Concen: 14.56 ug/l  
RT: 7.568 min Scan# 2192  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



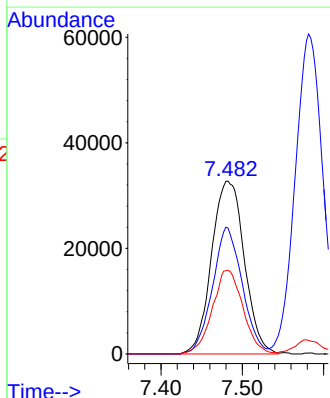
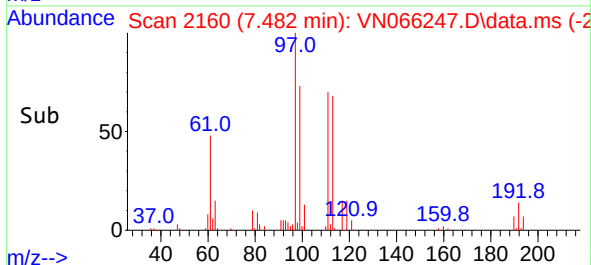
Tgt Ion: 56 Resp: 93126  
Ion Ratio Lower Upper  
56 100  
69 37.9 23.4 35.0#  
84 84.5 57.8 86.6



#32  
1,1,1-Trichloroethane  
Concen: 17.31 ug/l  
RT: 7.482 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: VN066247.D  
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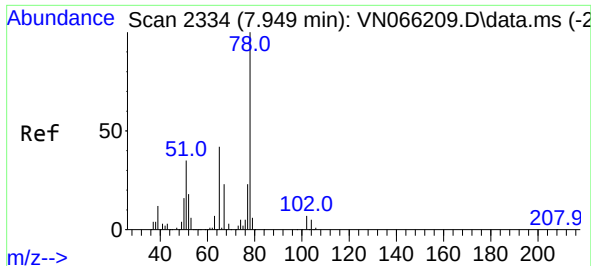
Tgt Ion: 97 Resp: 91704  
Ion Ratio Lower Upper  
97 100  
99 66.5 50.8 76.2  
61 45.3 38.6 57.8



Instrument :  
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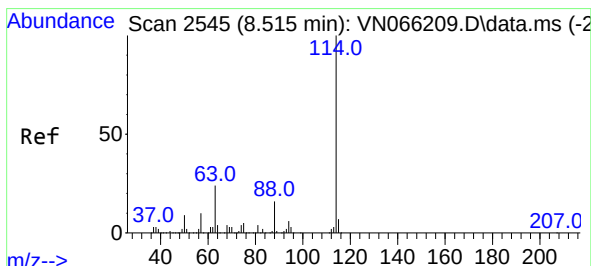
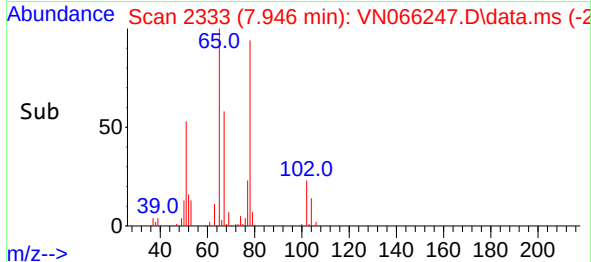
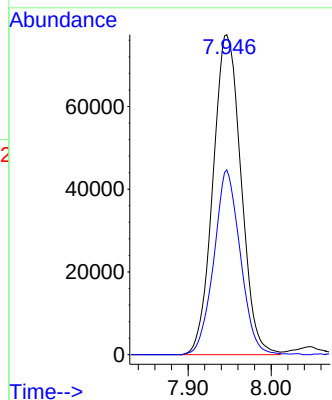
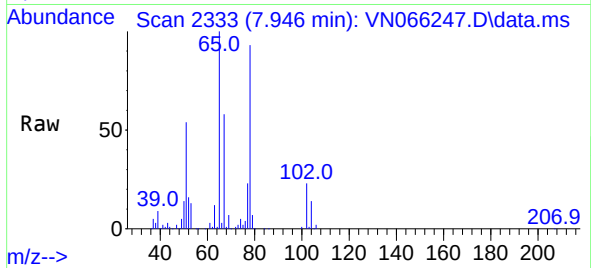
#33  
1,2-Dichloroethane-d4  
Concen: 42.57 ug/l  
RT: 7.946 min Scan# 2333  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
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Tgt Ion: 65 Resp: 181838  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 107.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

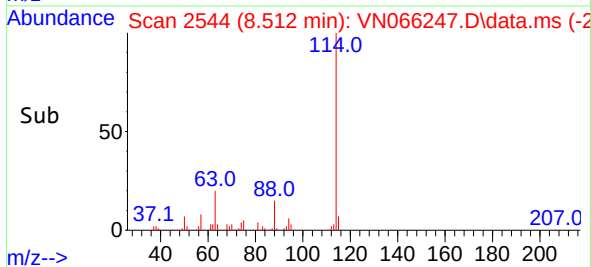
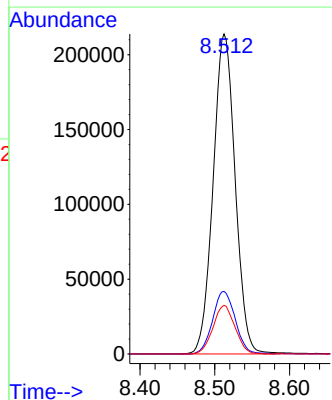
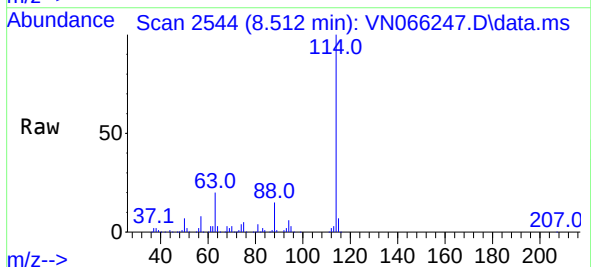
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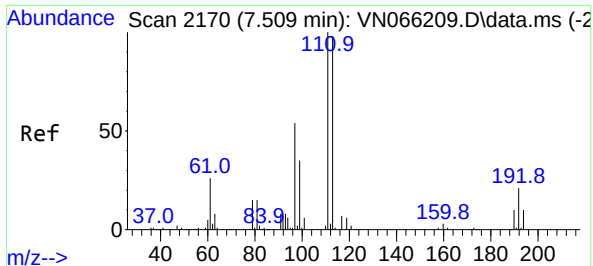
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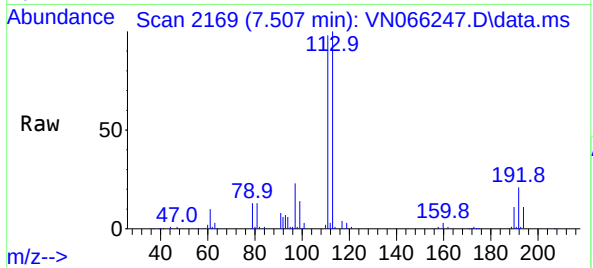
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.512 min Scan# 2544  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
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Tgt Ion: 114 Resp: 437381  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 49.2  
88 15.2 0.0 33.8

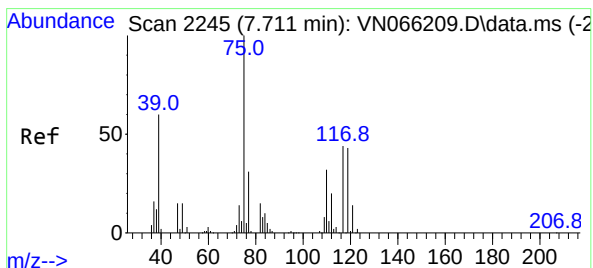
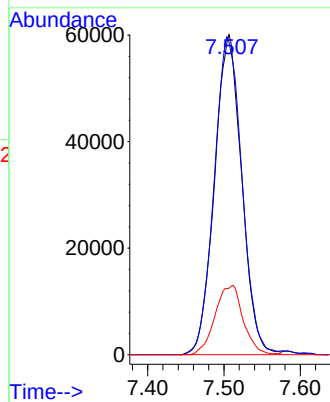
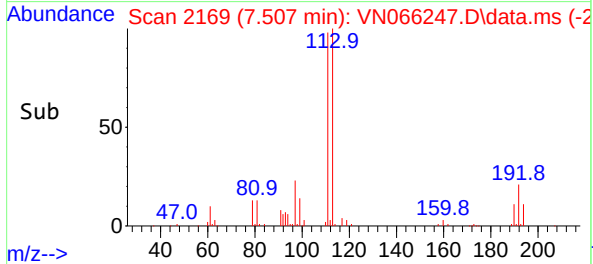




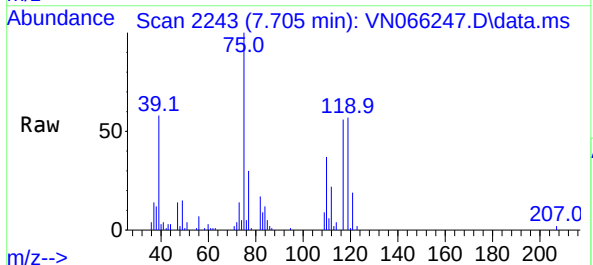
#35  
Dibromofluoromethane  
Concen: 53.33 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. -0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



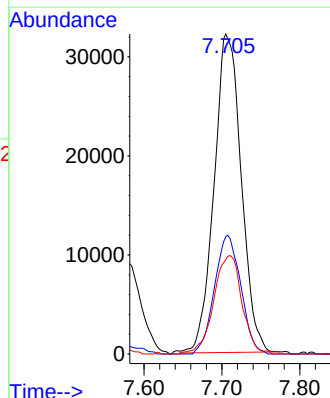
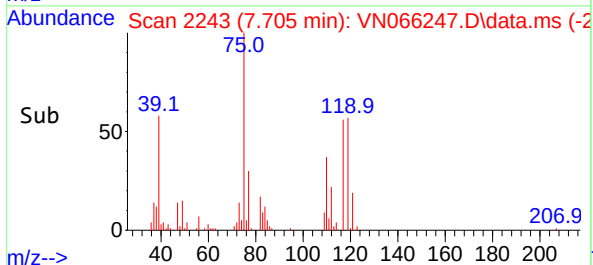
Tgt Ion: 113 Resp: 148796  
Ion Ratio Lower Upper  
113 100  
111 101.6 84.0 126.0  
192 22.3 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 17.57 ug/l  
RT: 7.705 min Scan# 2243  
Delta R.T. -0.006 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



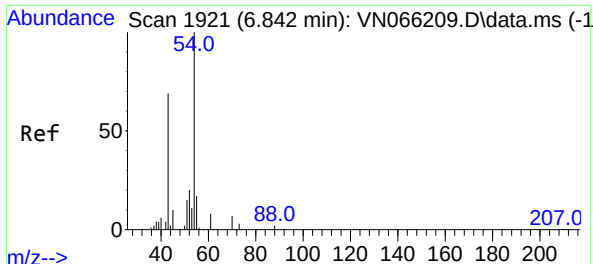
Tgt Ion: 75 Resp: 77809  
Ion Ratio Lower Upper  
75 100  
110 36.1 16.0 48.0  
77 32.2 24.9 37.3



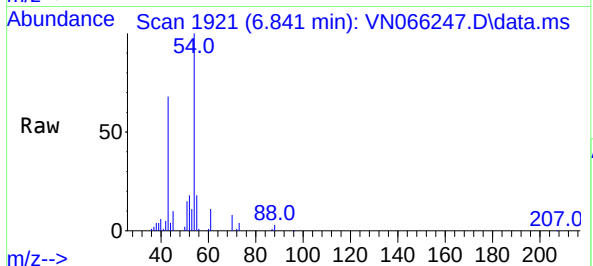
Instrument :  
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ClientSampleId :  
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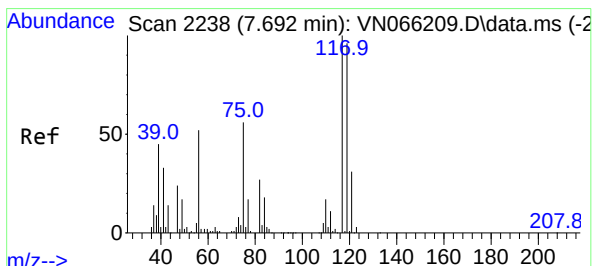
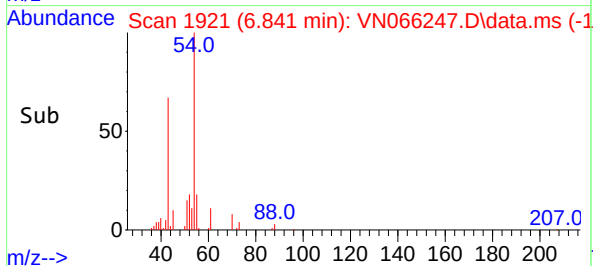
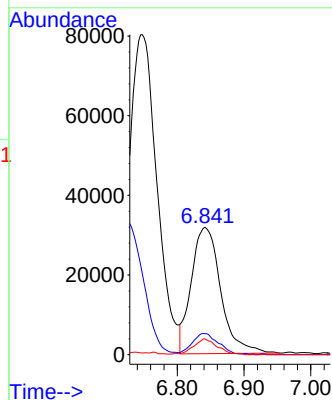
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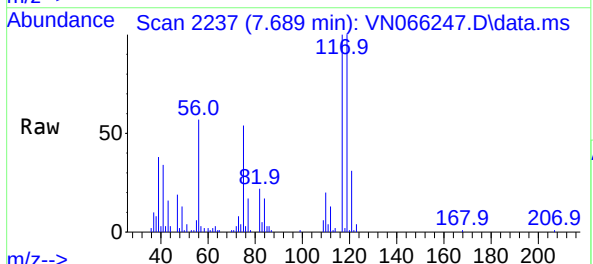
#37  
Ethyl Acetate  
Concen: 15.37 ug/l  
RT: 6.841 min Scan# 1921  
Delta R.T. -0.001 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



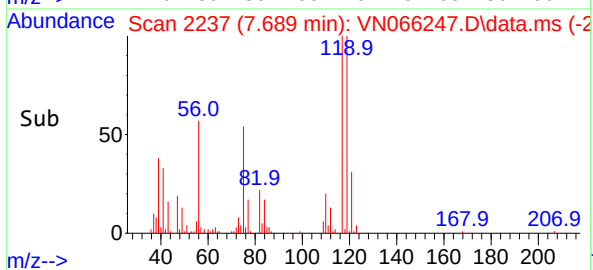
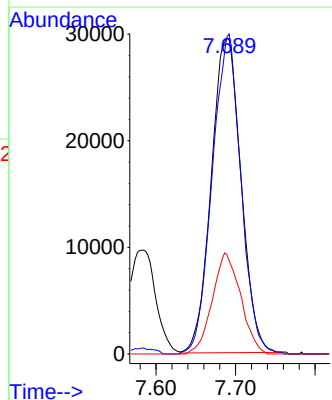
Tgt Ion: 43 Resp: 97309  
Ion Ratio Lower Upper  
43 100  
61 14.0 9.2 13.8#  
70 8.8 6.1 9.1



#38  
Carbon Tetrachloride  
Concen: 19.31 ug/l  
RT: 7.689 min Scan# 2237  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



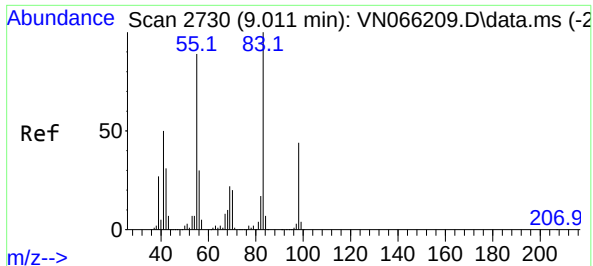
Tgt Ion: 117 Resp: 76663  
Ion Ratio Lower Upper  
117 100  
119 100.8 74.6 111.8  
121 31.7 23.9 35.9



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

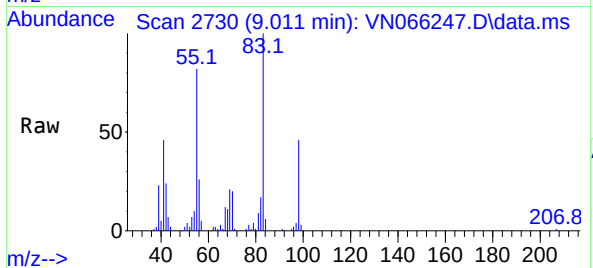
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#39  
Methylcyclohexane  
Concen: 17.70 ug/l  
RT: 9.011 min Scan# 2730  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

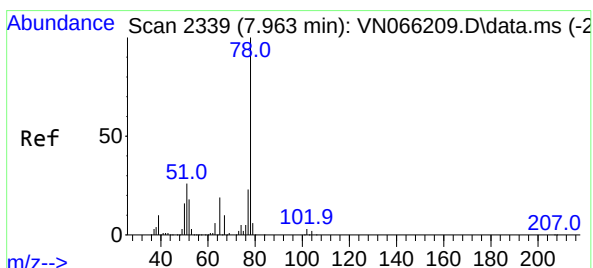
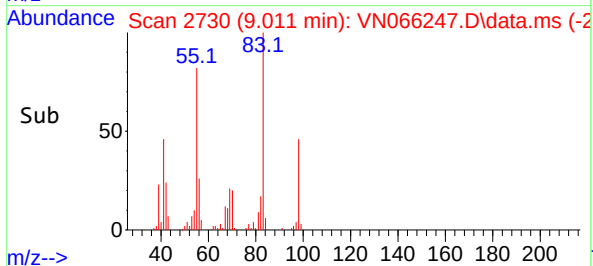
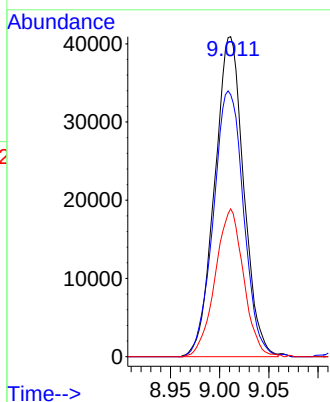
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



Tgt Ion: 83 Resp: 84196  
Ion Ratio Lower Upper  
83 100  
55 81.9 72.8 109.2  
98 46.2 33.7 50.5

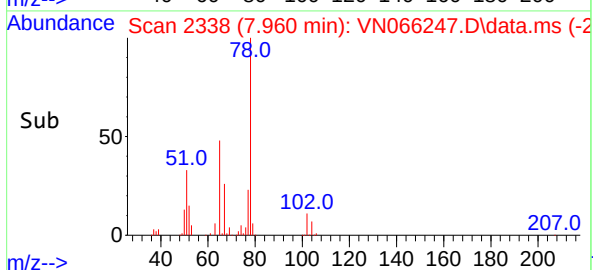
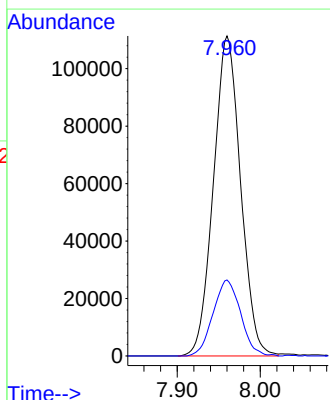
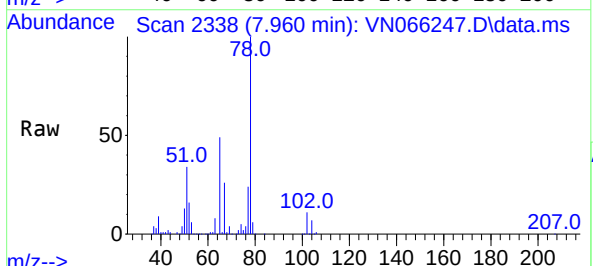
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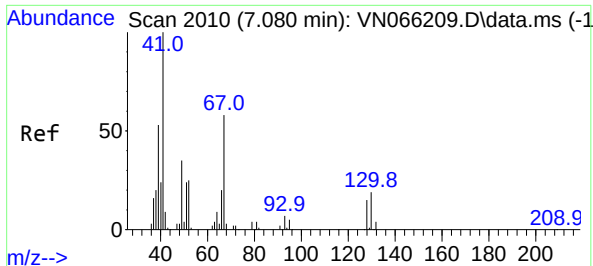


#40  
Benzene  
Concen: 19.03 ug/l  
RT: 7.960 min Scan# 2338  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

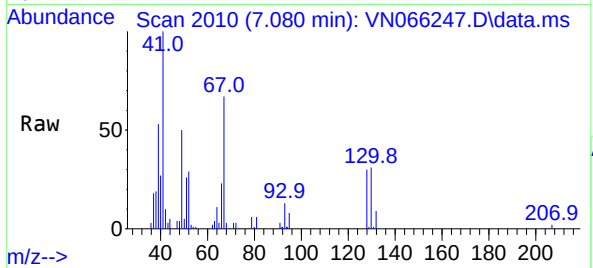
Tgt Ion: 78 Resp: 253033  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.5 27.7



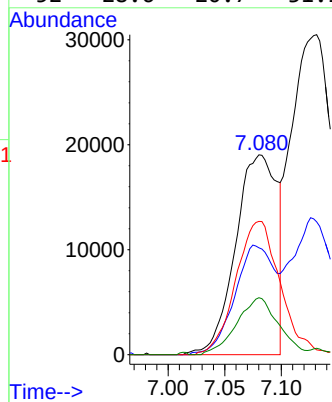




#41  
Methacrylonitrile  
Concen: 15.52 ug/l  
RT: 7.080 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



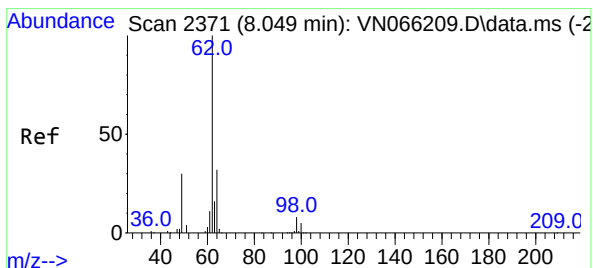
Tgt Ion: 41 Resp: 48465  
Ion Ratio Lower Upper  
41 100  
39 53.3 45.0 67.4  
67 71.1 48.2 72.4  
52 28.6 20.7 31.1



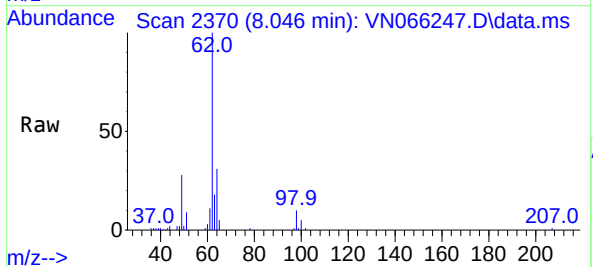
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

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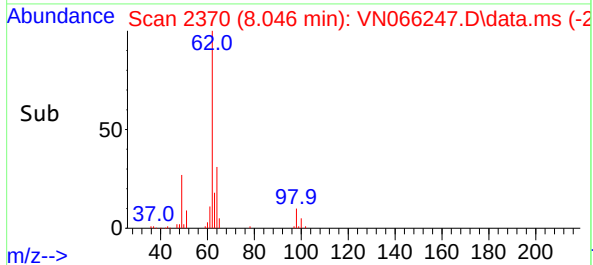
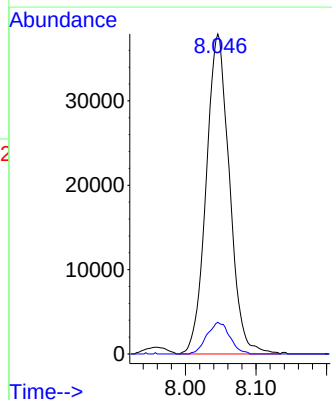
MMDadoda  
3/19/2021 3:33:46 PM

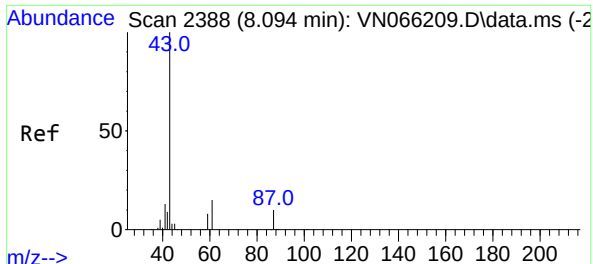


#42  
1,2-Dichloroethane  
Concen: 18.03 ug/l  
RT: 8.046 min Scan# 2370  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion: 62 Resp: 87007  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 14.8





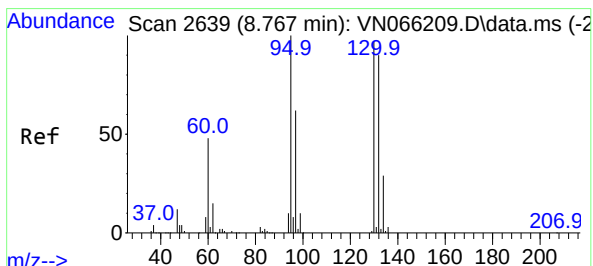
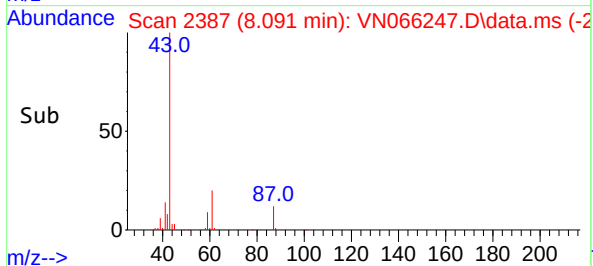
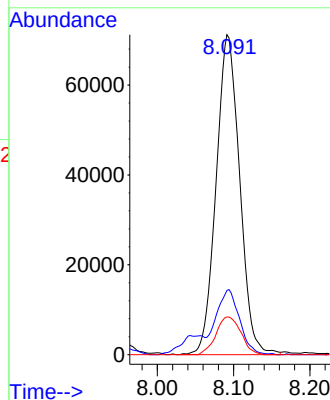
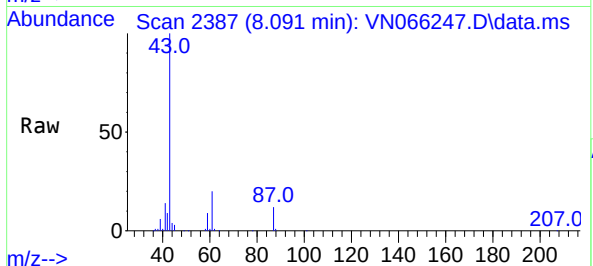
#43  
Isopropyl Acetate  
Concen: 15.61 ug/l  
RT: 8.091 min Scan# 2387  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 43 Resp: 152780  
Ion Ratio Lower Upper  
43 100  
61 19.5 14.0 21.0  
87 12.5 7.9 11.9#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

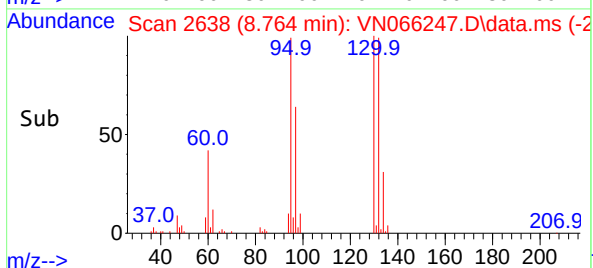
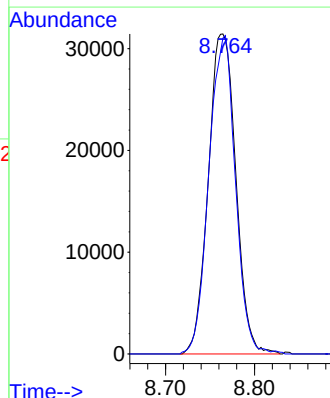
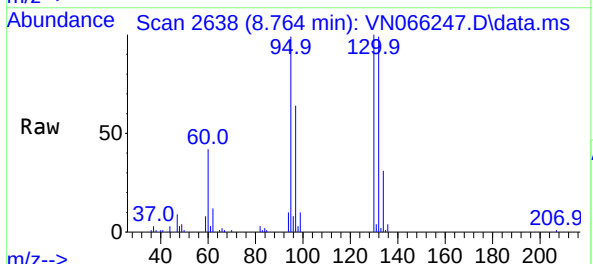
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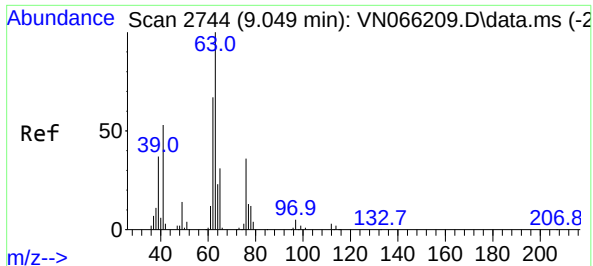
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#44  
Trichloroethene  
Concen: 20.90 ug/l  
RT: 8.764 min Scan# 2638  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:130 Resp: 67539  
Ion Ratio Lower Upper  
130 100  
95 98.7 0.0 210.2





#45

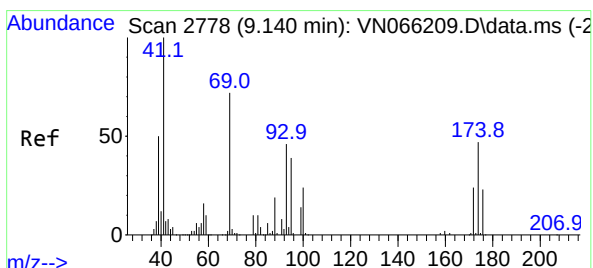
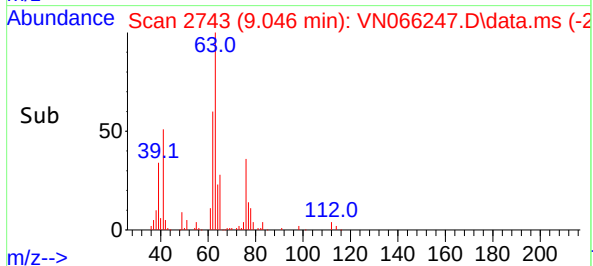
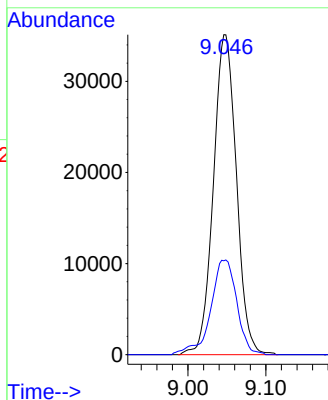
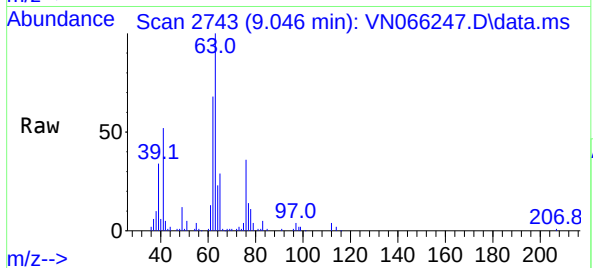
1,2-Dichloropropane  
Concen: 18.70 ug/l  
RT: 9.046 min Scan# 2743  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 63 Resp: 71963  
Ion Ratio Lower Upper  
63 100  
65 29.4 24.6 37.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

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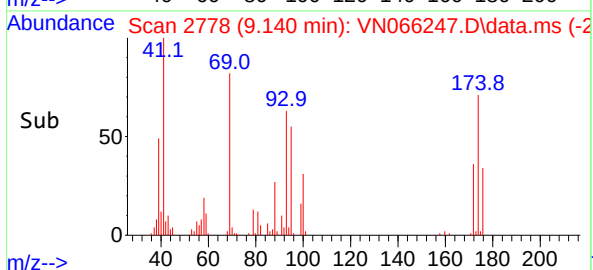
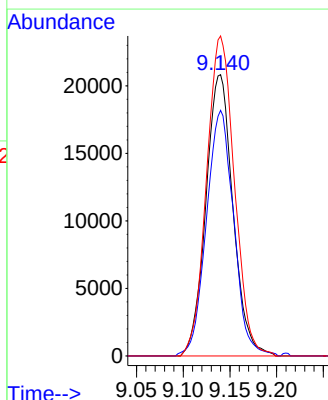
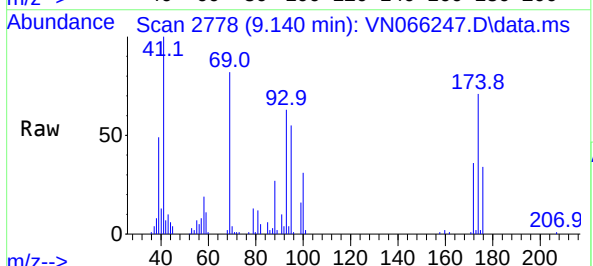
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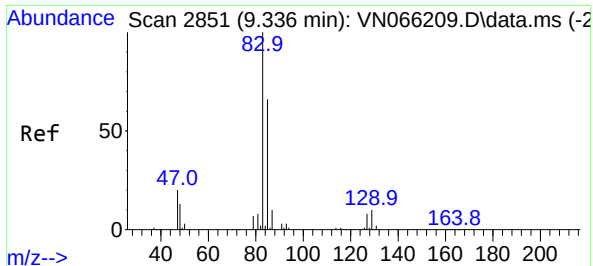


#46

Dibromomethane  
Concen: 19.66 ug/l  
RT: 9.140 min Scan# 2778  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 93 Resp: 42162  
Ion Ratio Lower Upper  
93 100  
95 87.8 66.1 99.1  
174 116.7 78.2 117.4





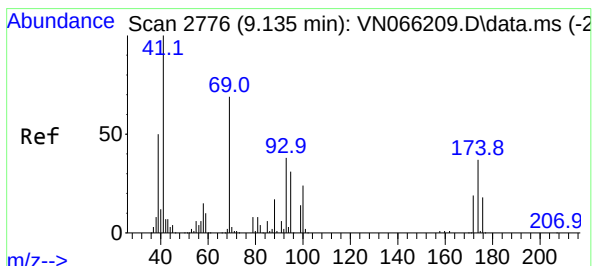
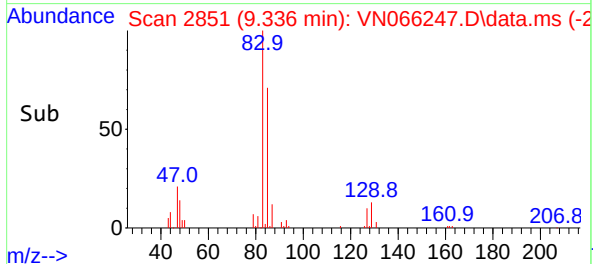
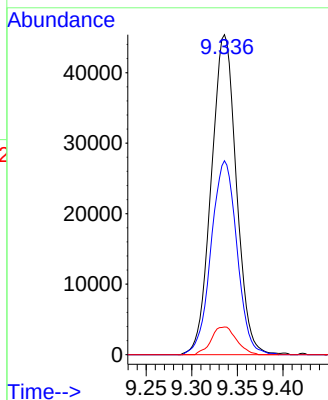
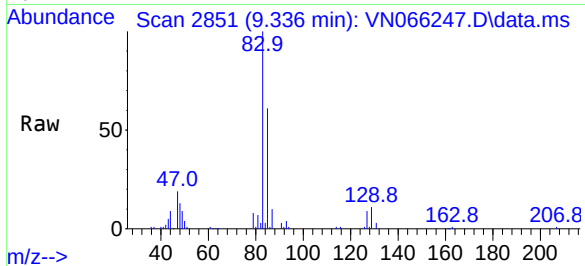
#47  
Bromodichloromethane  
Concen: 18.55 ug/l  
RT: 9.336 min Scan# 2851  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 86735 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 60.6  | 50.3  | 75.5  |
| 127       | 8.6   | 6.2   | 9.2   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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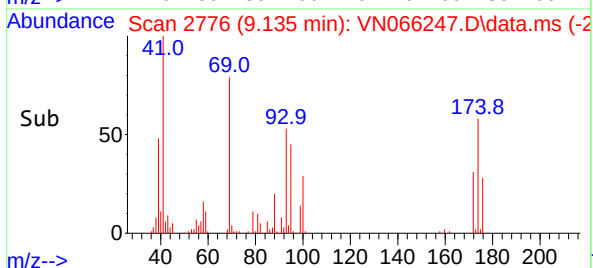
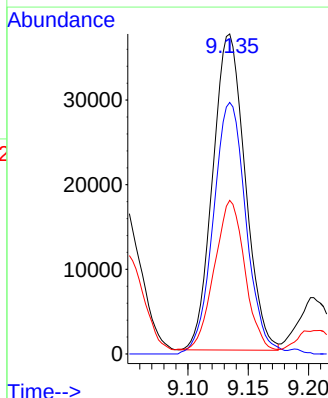
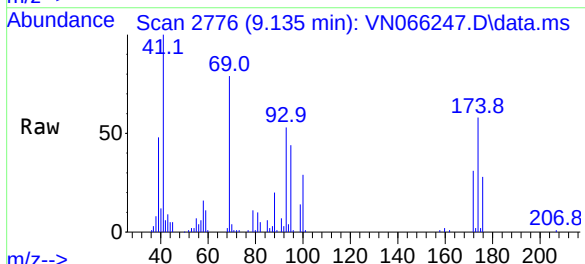
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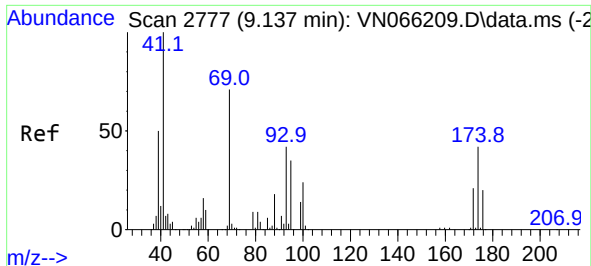
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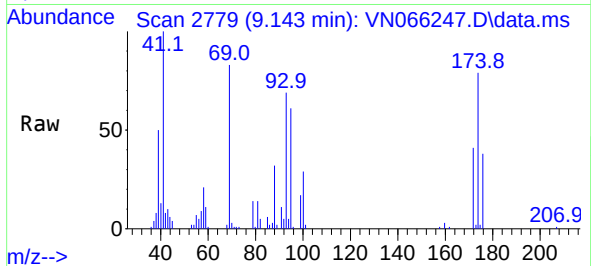
#48  
Methyl methacrylate  
Concen: 15.04 ug/l  
RT: 9.135 min Scan# 2776  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 69799 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 80.5  | 54.7  | 82.1  |
| 39        | 44.4  | 40.2  | 60.2  |

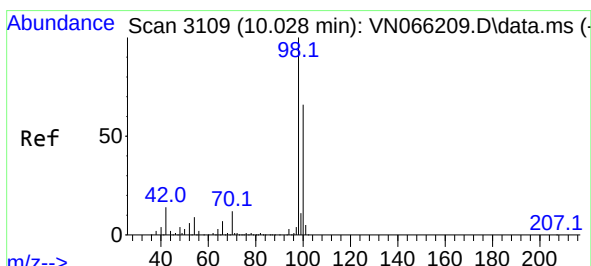
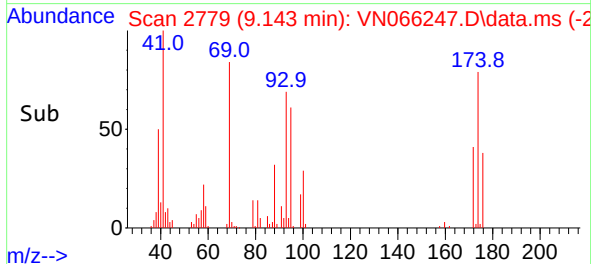
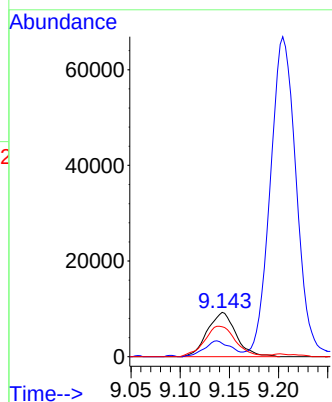




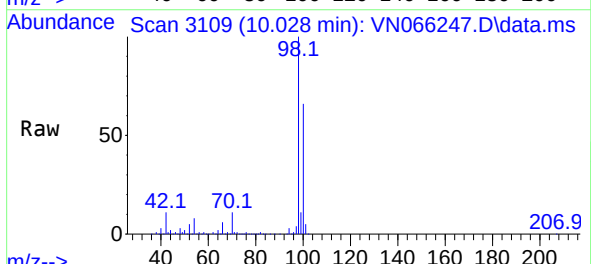
#49  
1,4-Dioxane  
Concen: 373.27 ug/l  
RT: 9.143 min Scan# 2779  
Delta R.T. 0.006 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



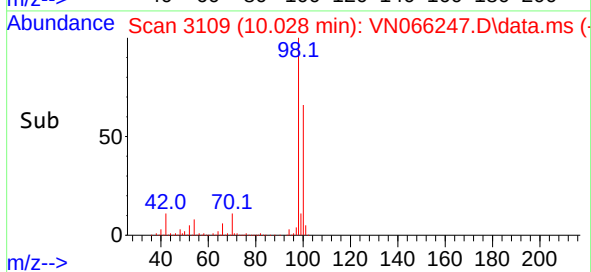
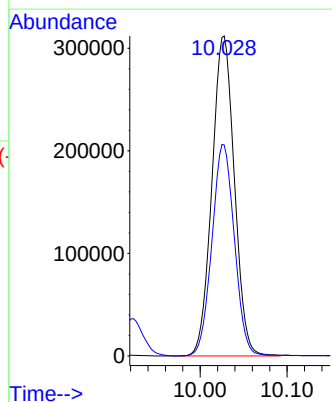
Tgt Ion: 88 Resp: 18795  
Ion Ratio Lower Upper  
88 100  
43 32.6 34.4 51.6#  
58 74.7 67.3 100.9



#50  
Toluene-d8  
Concen: 51.92 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



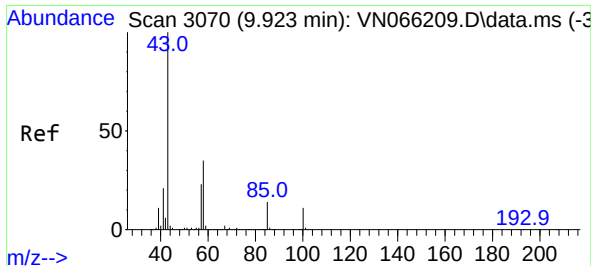
Tgt Ion: 98 Resp: 560105  
Ion Ratio Lower Upper  
98 100  
100 66.2 51.0 76.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
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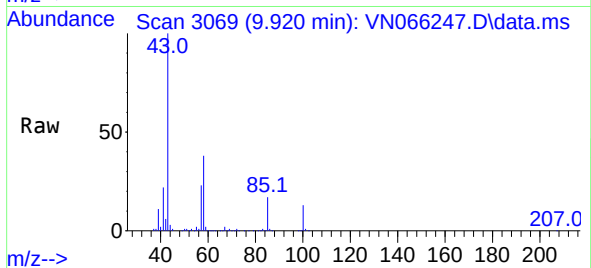
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#51  
4-Methyl-2-Pentanone  
Concen: 81.74 ug/l  
RT: 9.920 min Scan# 3069  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

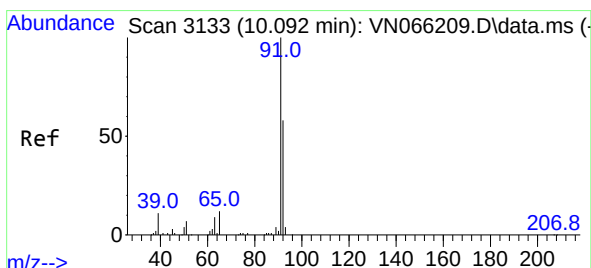
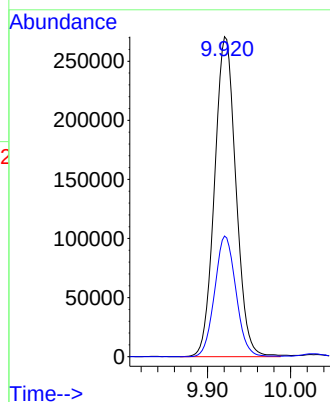
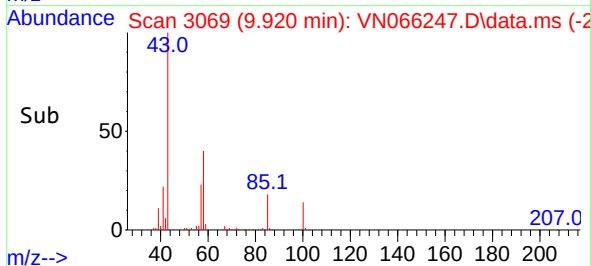
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



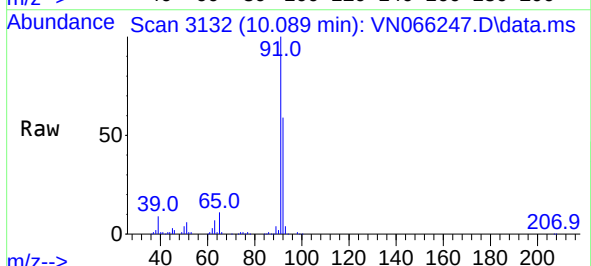
Tgt Ion: 43 Resp: 483550  
Ion Ratio Lower Upper  
43 100  
58 37.5 27.5 41.3

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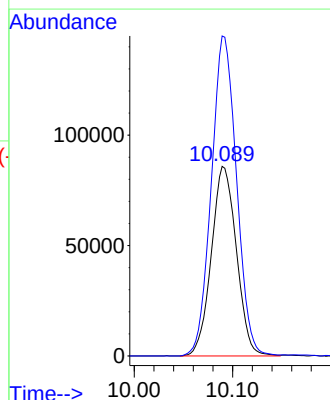
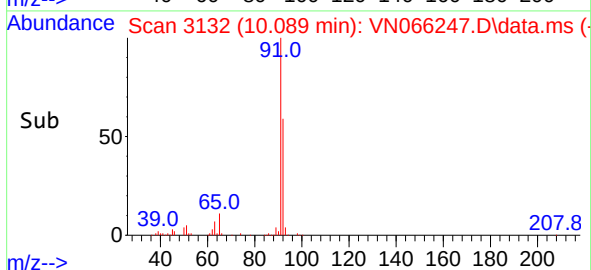
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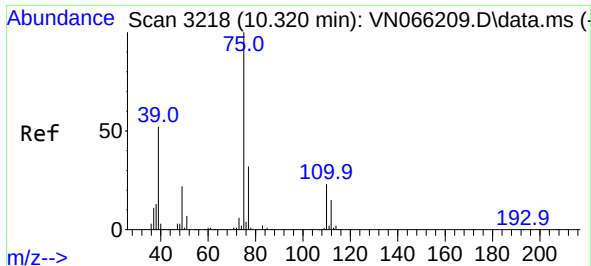


#52  
Toluene  
Concen: 19.76 ug/l  
RT: 10.089 min Scan# 3132  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion: 92 Resp: 152262  
Ion Ratio Lower Upper  
92 100  
91 169.7 137.5 206.3





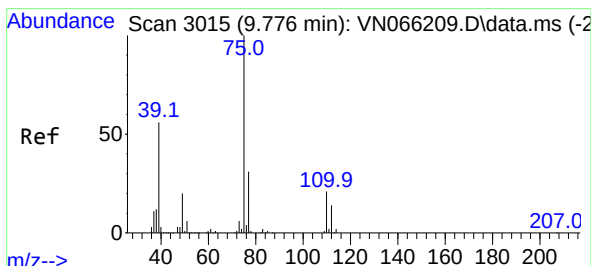
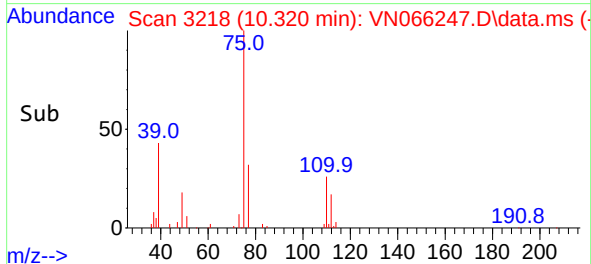
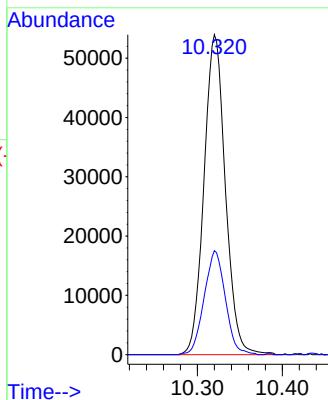
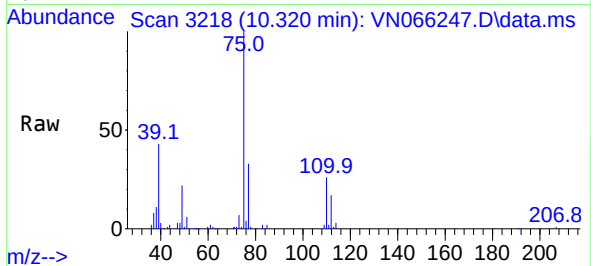
#53  
 t-1,3-Dichloropropene  
 Concen: 17.86 ug/l  
 RT: 10.320 min Scan# 3218  
 Delta R.T. -0.000 min  
 Lab File: VN066247.D  
 Acq: 18 Mar 2021 11:58

Tgt Ion: 75 Resp: 94404  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.0 37.4

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0318WBS01

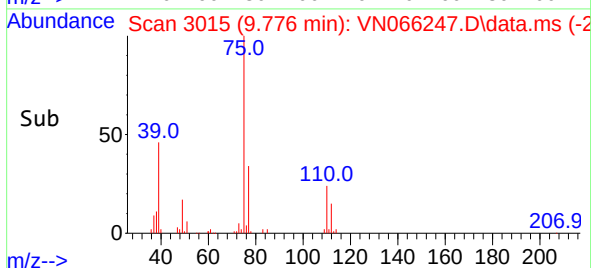
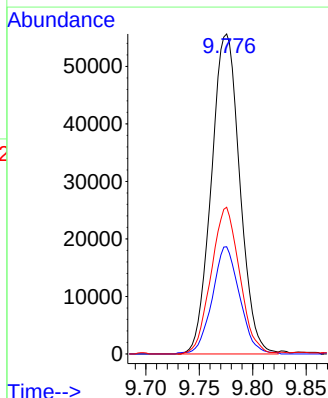
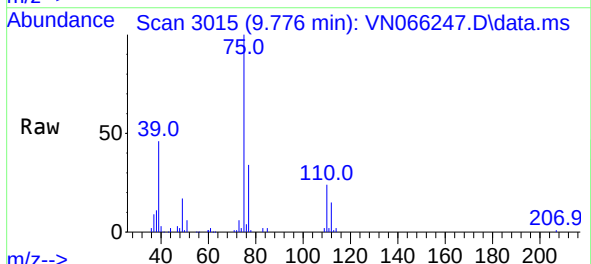
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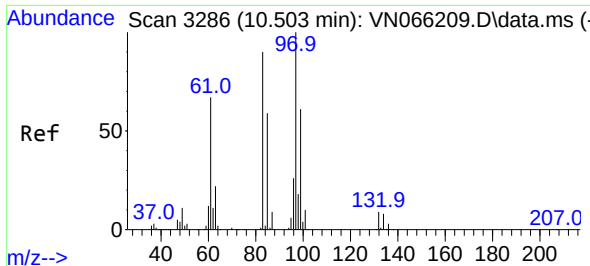
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#54  
 cis-1,3-Dichloropropene  
 Concen: 17.95 ug/l  
 RT: 9.776 min Scan# 3015  
 Delta R.T. -0.000 min  
 Lab File: VN066247.D  
 Acq: 18 Mar 2021 11:58

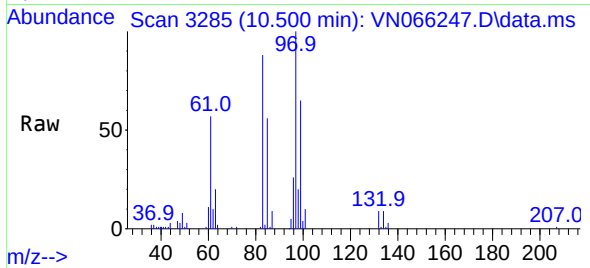
Tgt Ion: 75 Resp: 103119  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 25.0 37.4  
 39 45.8 46.2 69.2#





#55  
1,1,2-Trichloroethane  
Concen: 20.49 ug/l  
RT: 10.500 min Scan# 3285  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

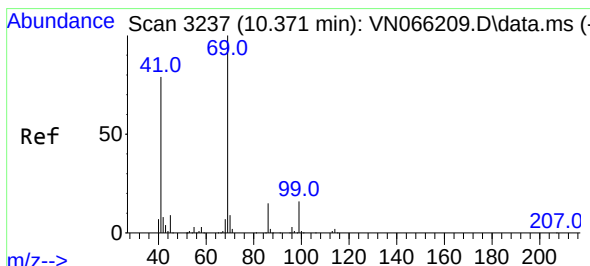
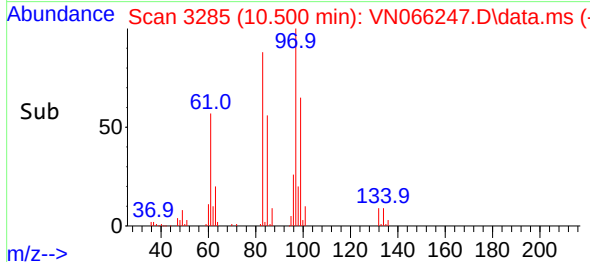
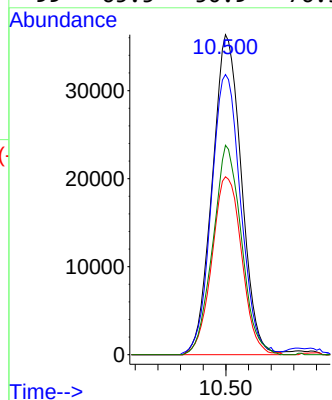
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



Tgt Ion: 97 Resp: 64698  
Ion Ratio Lower Upper  
97 100  
83 87.5 73.3 109.9  
85 55.6 49.8 74.8  
99 65.5 50.9 76.3

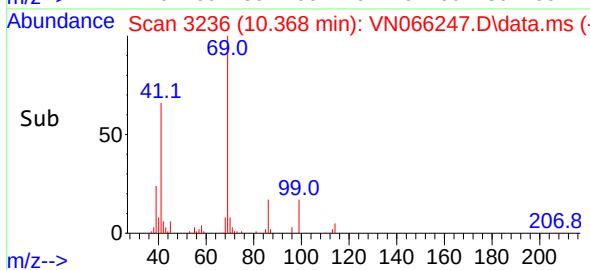
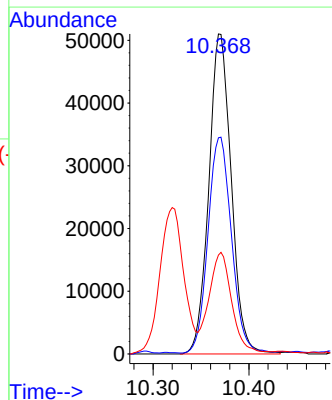
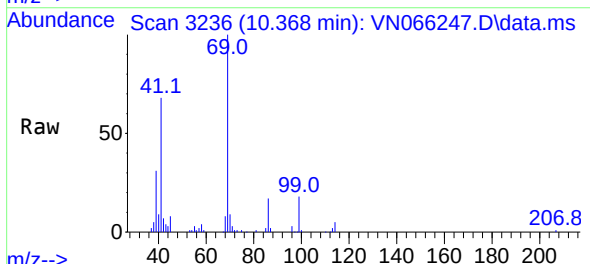
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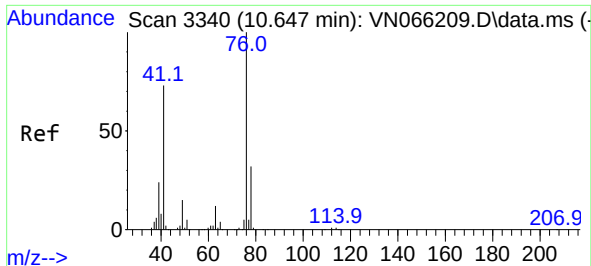


#56  
Ethyl methacrylate  
Concen: 16.23 ug/l  
RT: 10.368 min Scan# 3236  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 69 Resp: 82894  
Ion Ratio Lower Upper  
69 100  
41 70.5 66.2 99.4  
39 31.2 31.5 47.3#







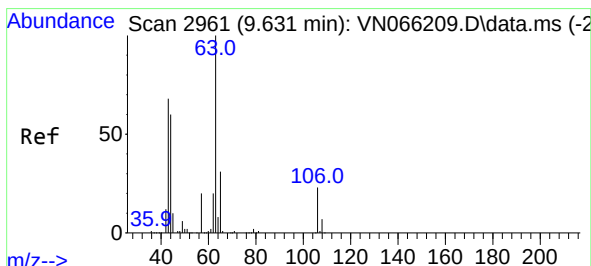
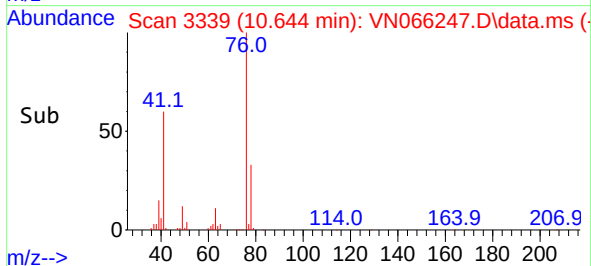
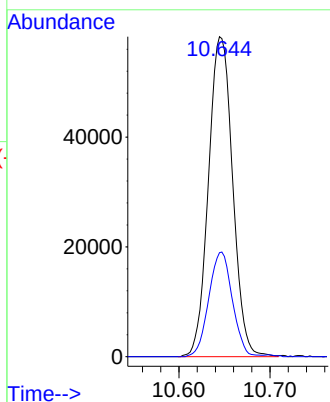
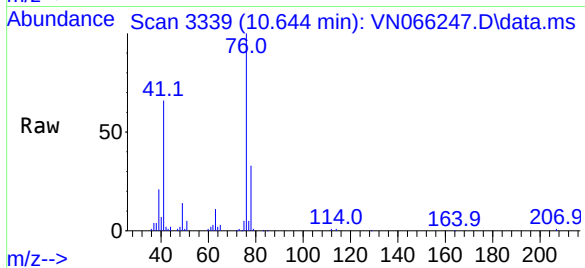
#57  
1,3-Dichloropropane  
Concen: 18.86 ug/l  
RT: 10.644 min Scan# 3339  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 76 Resp: 107400  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.4 38.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

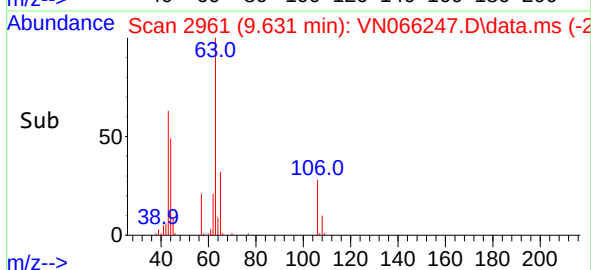
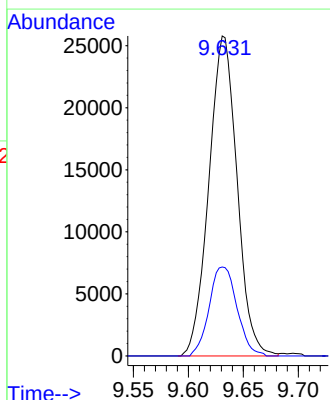
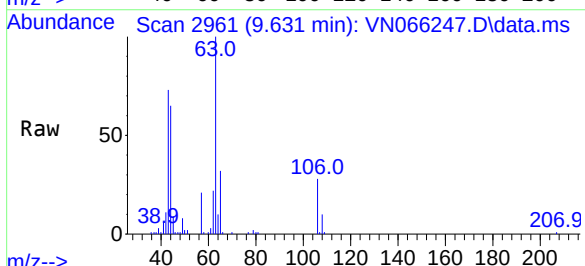
Manual Integrations  
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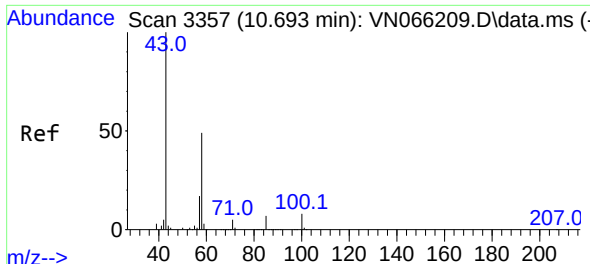
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#58  
2-Chloroethyl Vinyl ether  
Concen: 106.32 ug/l  
RT: 9.631 min Scan# 2961  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

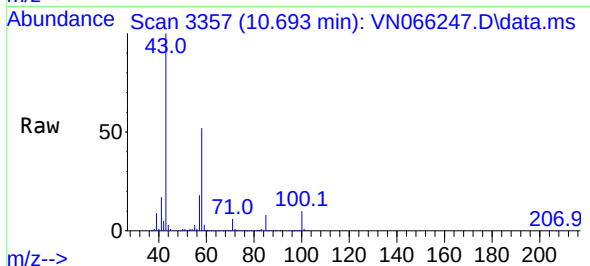
Tgt Ion: 63 Resp: 45985  
Ion Ratio Lower Upper  
63 100  
106 27.4 17.6 26.4#





#59  
2-Hexanone  
Concen: 76.74 ug/l  
RT: 10.693 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

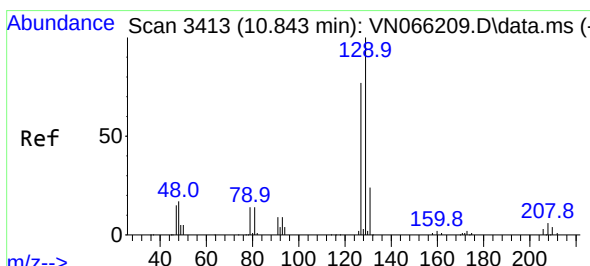
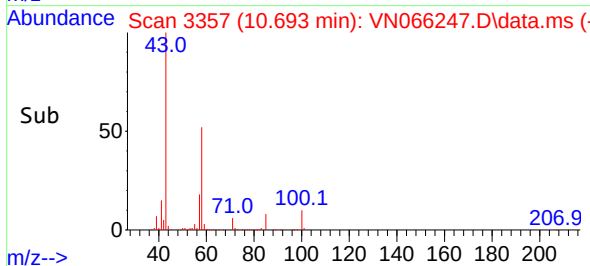
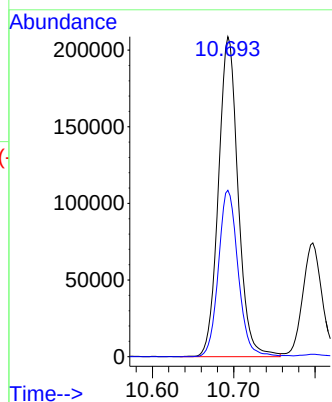
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



Tgt Ion: 43 Resp: 350651  
Ion Ratio Lower Upper  
43 100  
58 52.1 23.8 71.5

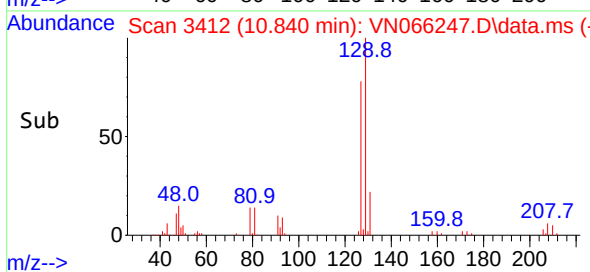
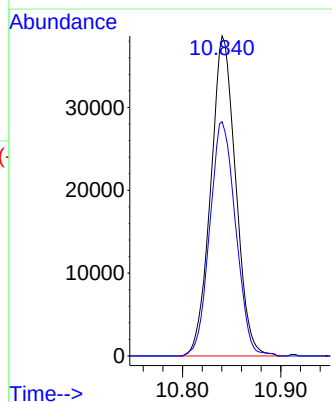
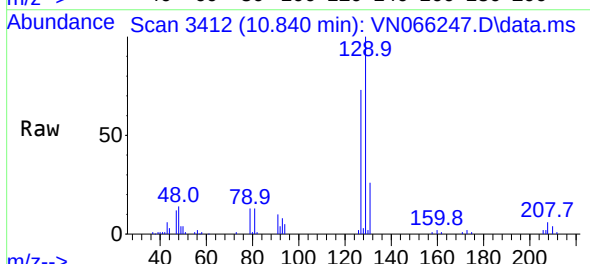
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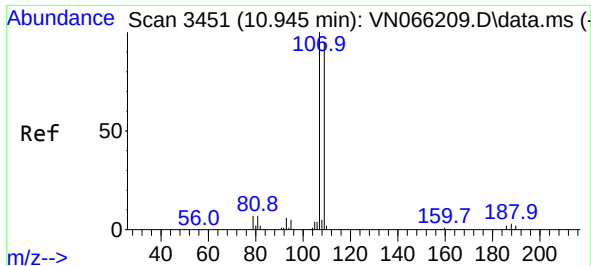
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#60  
Dibromochloromethane  
Concen: 20.61 ug/l  
RT: 10.840 min Scan# 3412  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

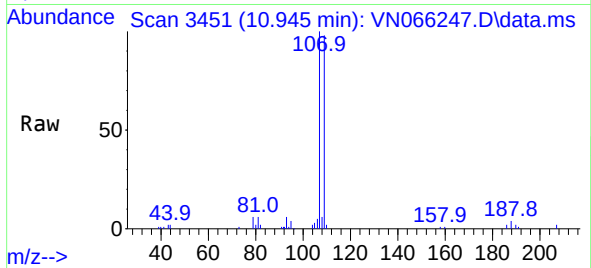
Tgt Ion: 129 Resp: 68139  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.2 117.6





#61  
1,2-Dibromoethane  
Concen: 20.74 ug/l  
RT: 10.945 min Scan# 3451  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

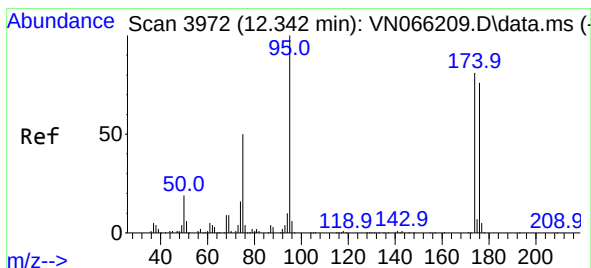
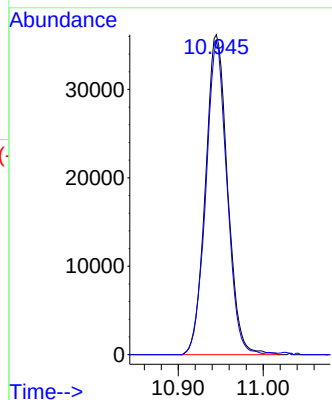
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



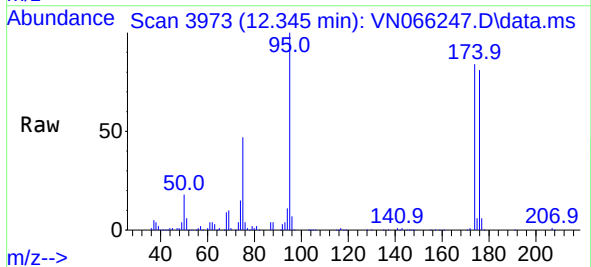
Tgt Ion:107 Resp: 65197  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.5 113.3

Manual Integrations  
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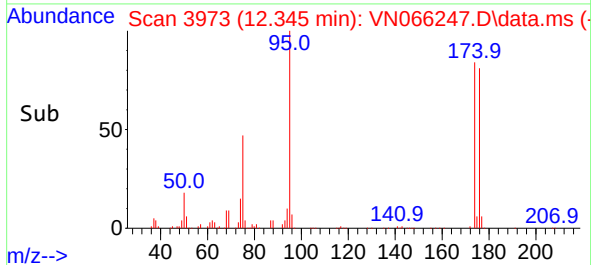
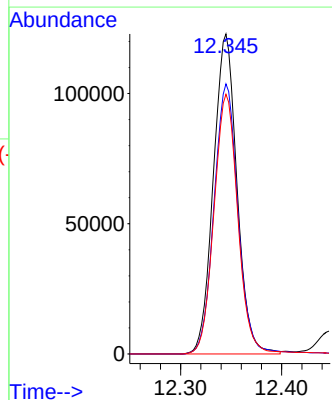
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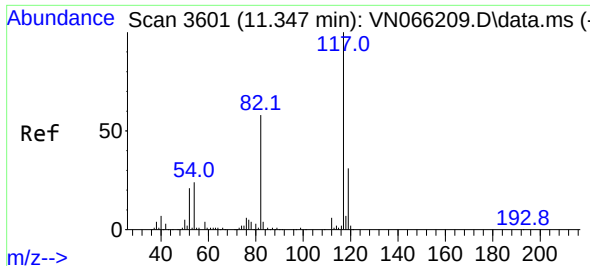


#62  
4-Bromofluorobenzene  
Concen: 51.15 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



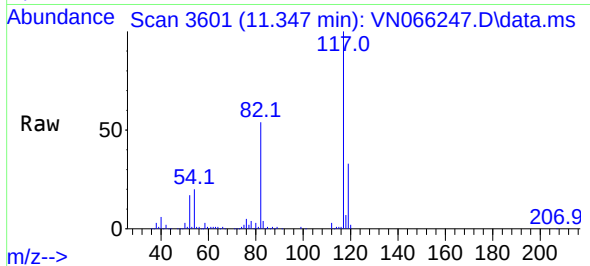
Tgt Ion: 95 Resp: 198922  
Ion Ratio Lower Upper  
95 100  
174 86.2 0.0 162.4  
176 82.2 0.0 156.2





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

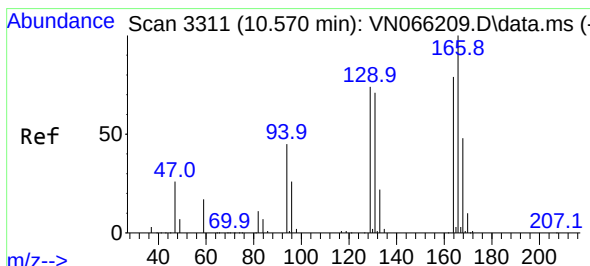
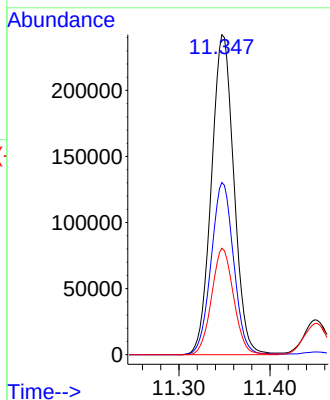
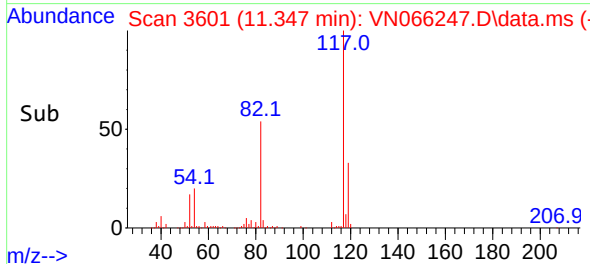
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



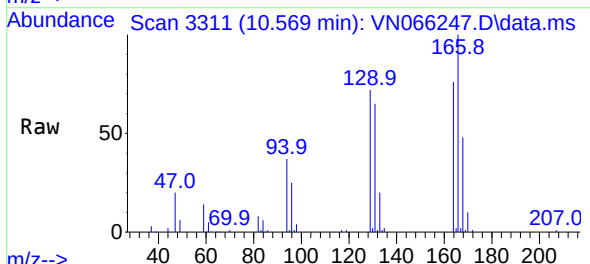
Tgt Ion:117 Resp: 414958  
Ion Ratio Lower Upper  
117 100  
82 53.8 49.0 73.6  
119 33.3 25.7 38.5

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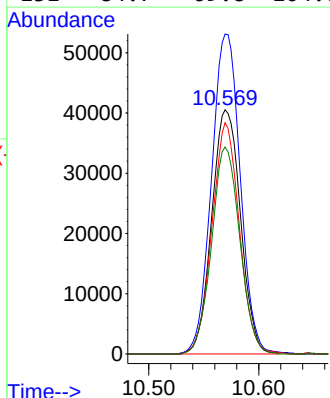
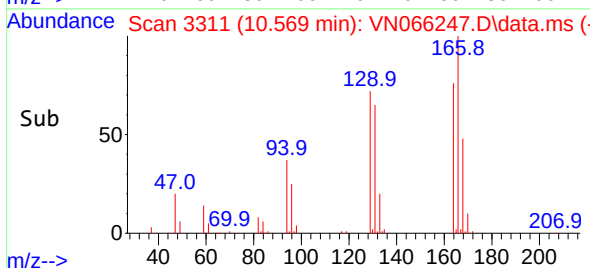
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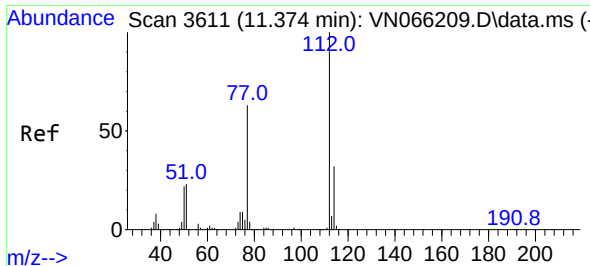


#64  
Tetrachloroethene  
Concen: 21.45 ug/l  
RT: 10.569 min Scan# 3311  
Delta R.T. -0.001 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



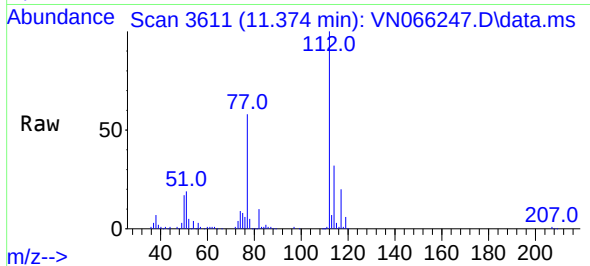
Tgt Ion:164 Resp: 73820  
Ion Ratio Lower Upper  
164 100  
166 131.1 98.9 148.3  
129 94.7 73.2 109.8  
131 84.7 69.8 104.6





#65  
Chlorobenzene  
Concen: 19.87 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

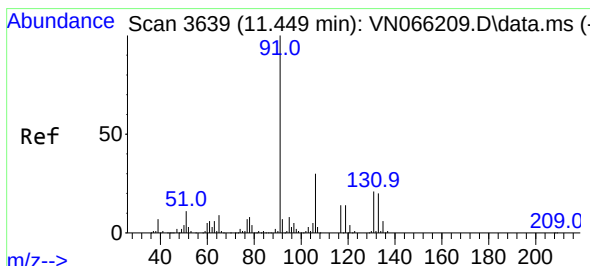
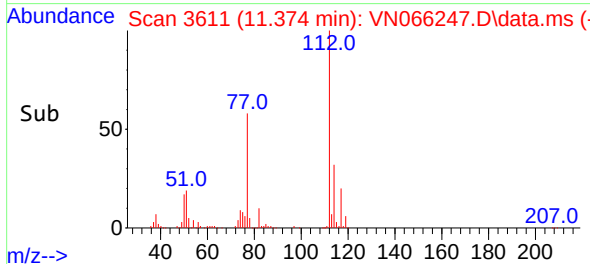
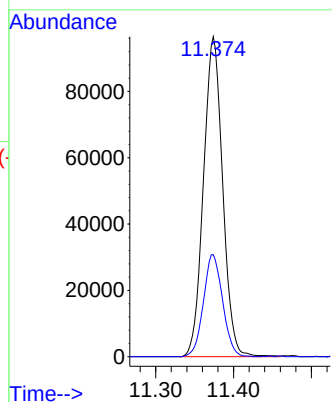
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



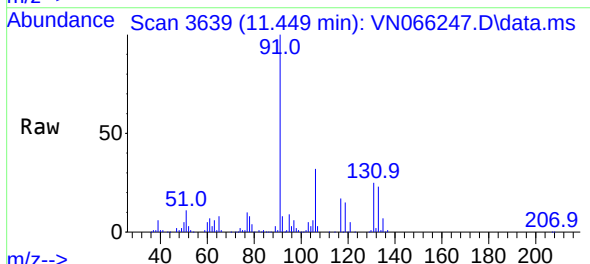
Tgt Ion:112 Resp: 165414  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.0

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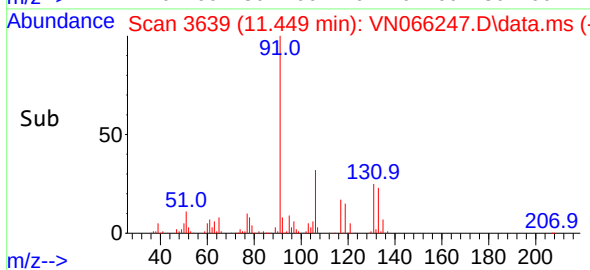
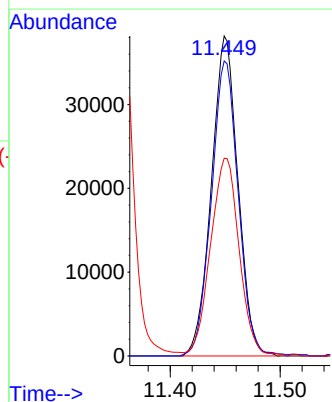
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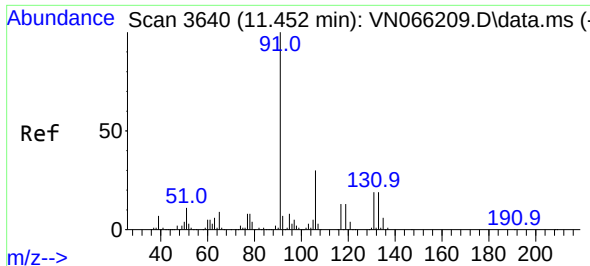


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.50 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion:131 Resp: 63934  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.5 142.5  
119 66.8 33.1 99.2





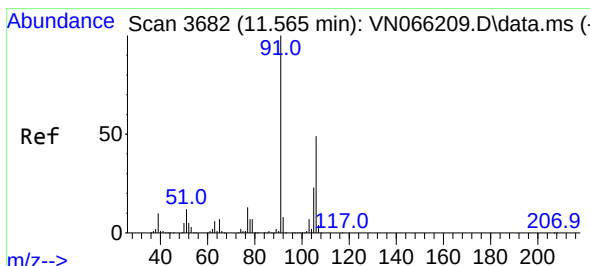
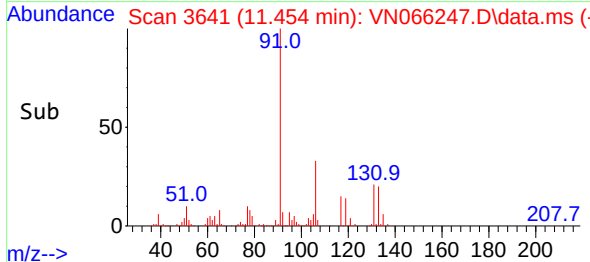
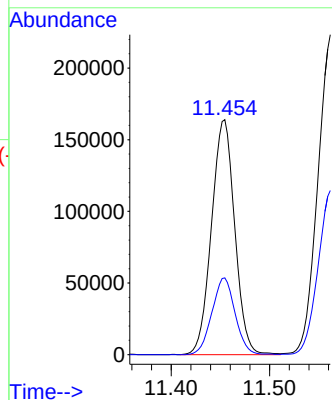
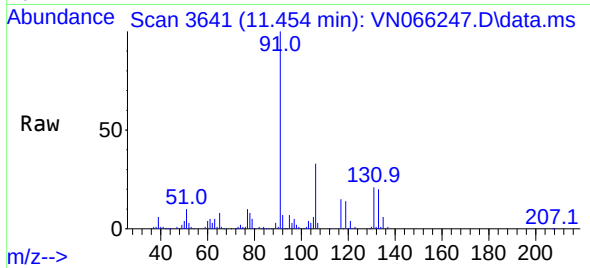
#67  
Ethyl Benzene  
Concen: 18.24 ug/l  
RT: 11.454 min Scan# 3641  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 91 Resp: 269382  
Ion Ratio Lower Upper  
91 100  
106 32.7 24.2 36.2

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0318WBS01

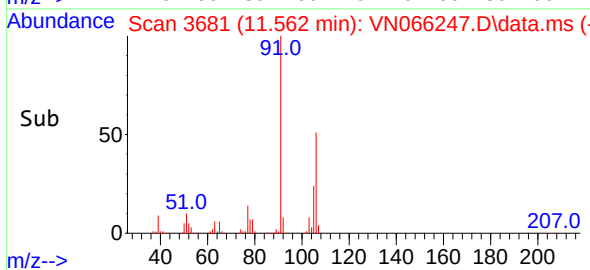
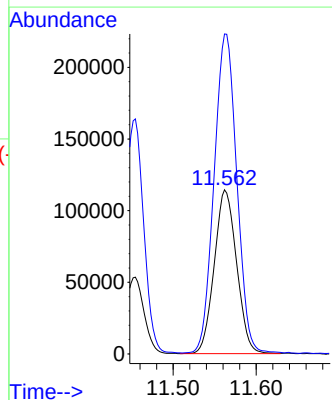
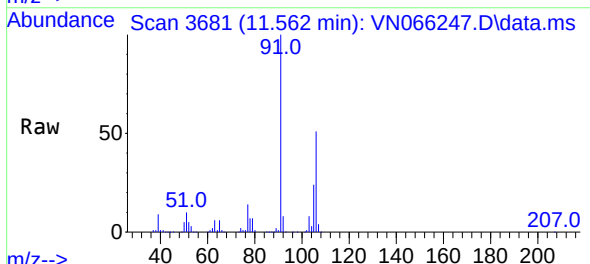
Manual Integrations  
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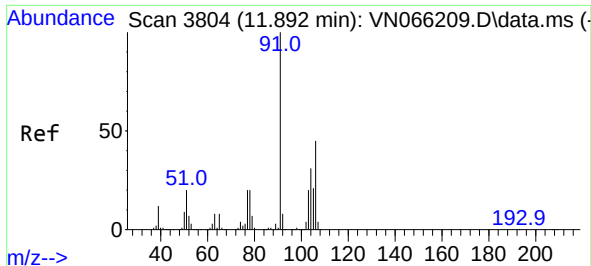
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#68  
m/p-Xylenes  
Concen: 39.05 ug/l  
RT: 11.562 min Scan# 3681  
Delta R.T. -0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:106 Resp: 213928  
Ion Ratio Lower Upper  
106 100  
91 197.8 168.2 252.4





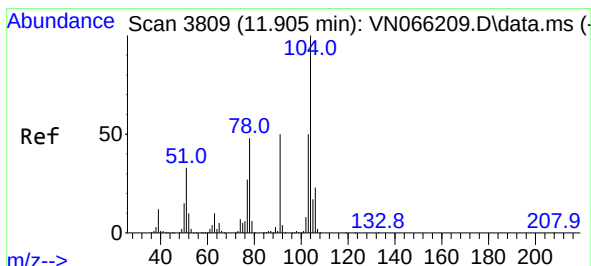
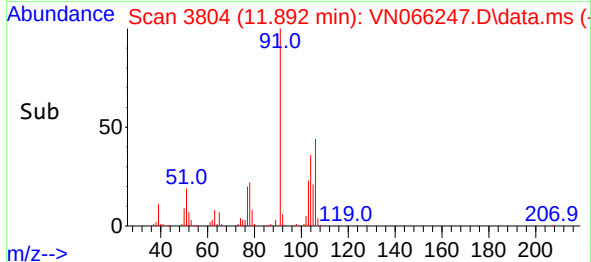
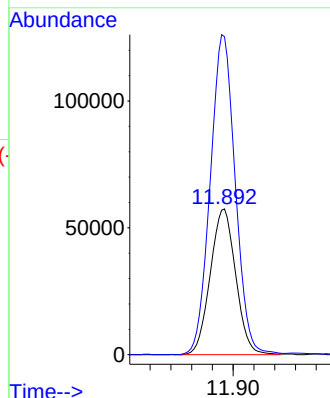
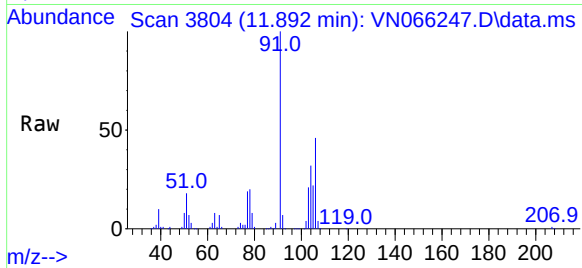
#69  
o-Xylene  
Concen: 18.59 ug/l  
RT: 11.892 min Scan# 3804  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:106 Resp: 97851  
Ion Ratio Lower Upper  
106 100  
91 216.0 111.8 335.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

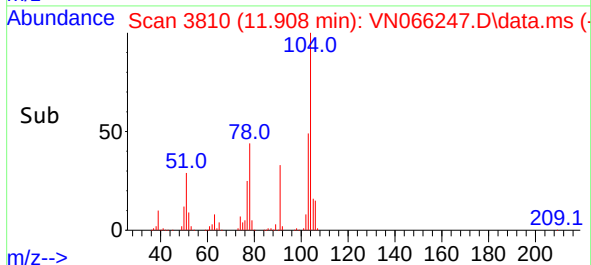
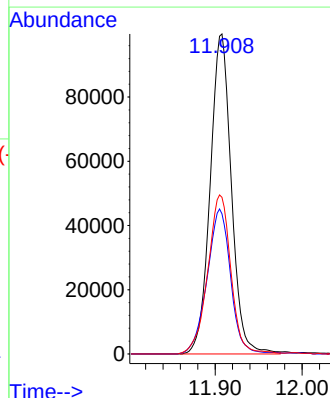
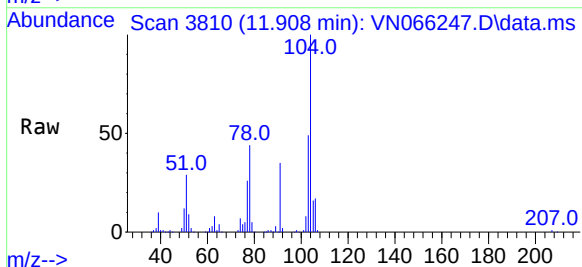
Manual Integrations  
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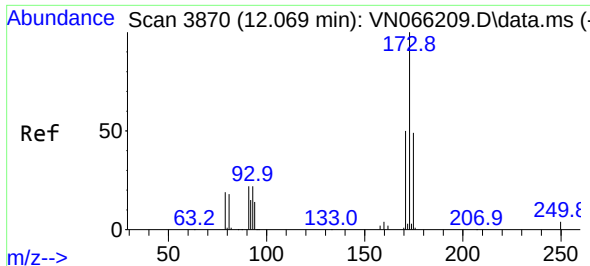
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#70  
Styrene  
Concen: 18.67 ug/l  
RT: 11.908 min Scan# 3810  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:104 Resp: 168848  
Ion Ratio Lower Upper  
104 100  
78 50.3 43.8 65.6  
103 54.2 43.7 65.5





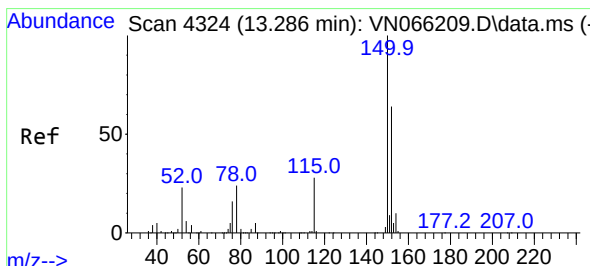
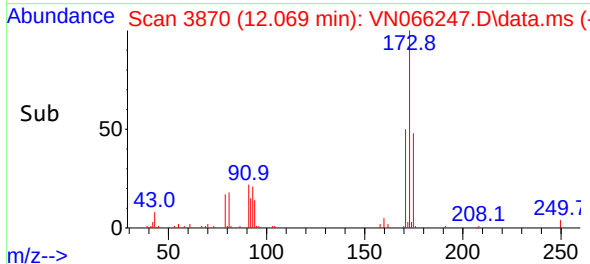
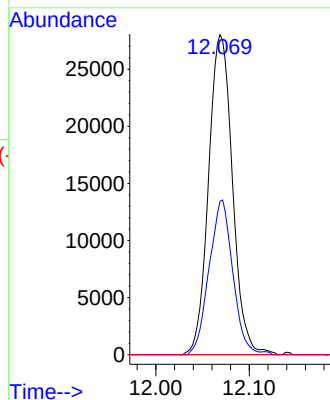
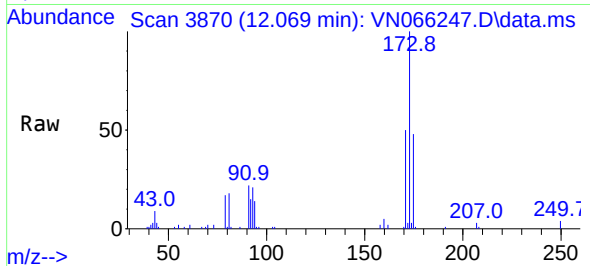
#71  
Bromoform  
Concen: 20.15 ug/l  
RT: 12.069 min Scan# 3870  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:173 Resp: 49829  
Ion Ratio Lower Upper  
173 100  
175 47.7 23.9 71.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

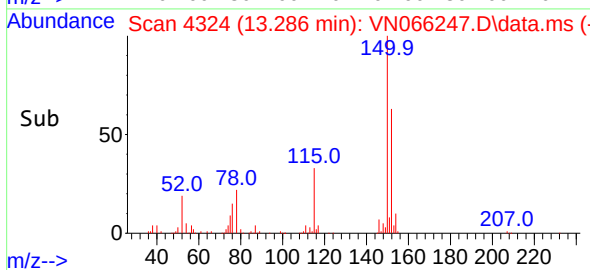
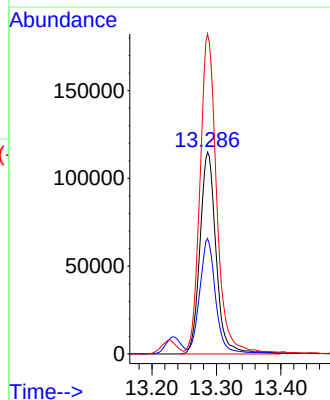
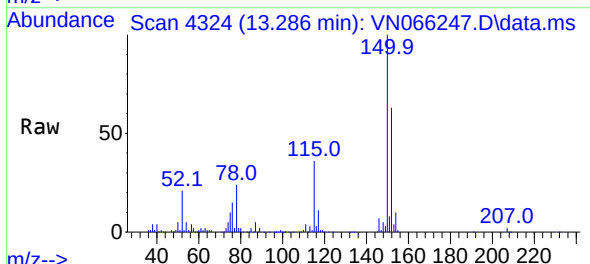
Manual Integrations  
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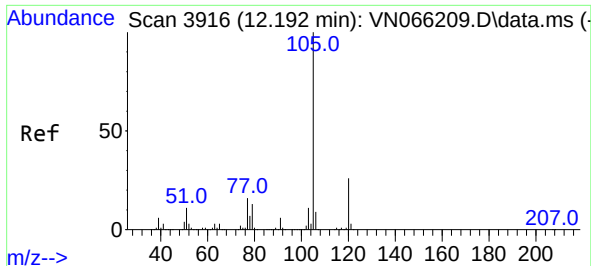


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:152 Resp: 200951  
Ion Ratio Lower Upper  
152 100  
115 54.1 29.4 88.3  
150 161.2 0.0 352.2

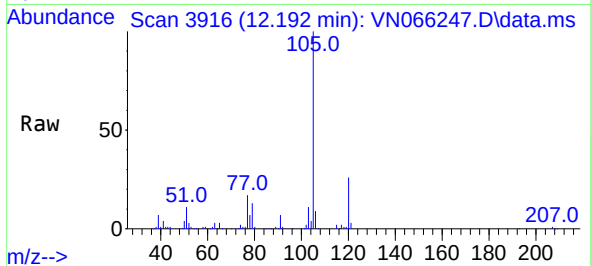






#73  
Isopropylbenzene  
Concen: 17.70 ug/l  
RT: 12.192 min Scan# 3916  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

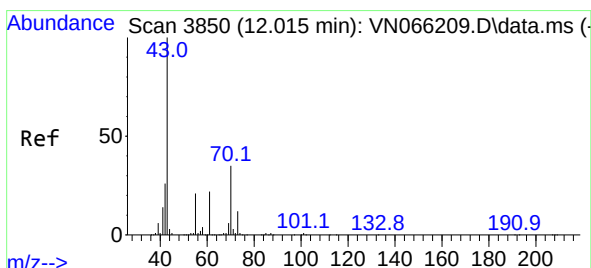
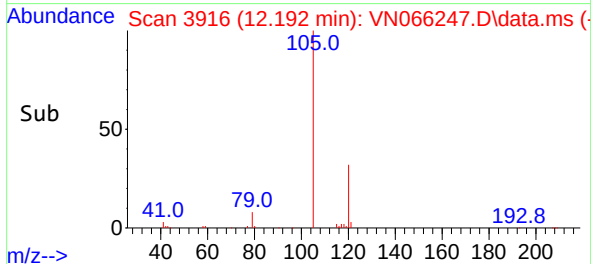
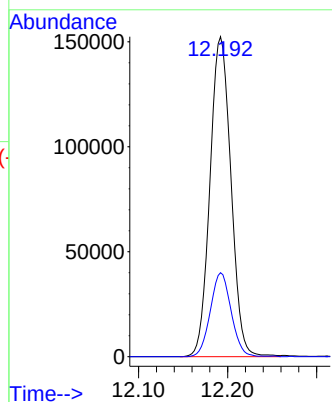
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



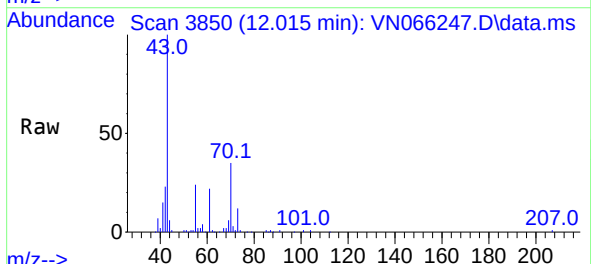
Tgt Ion:105 Resp: 249293  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.8 38.3

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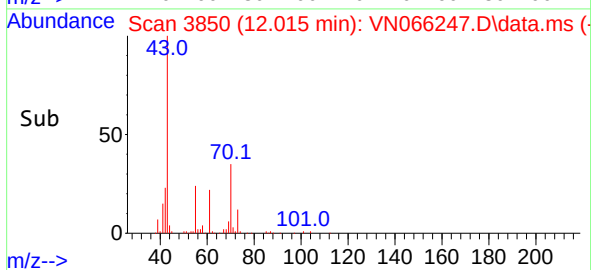
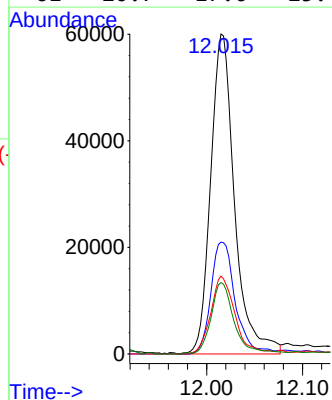
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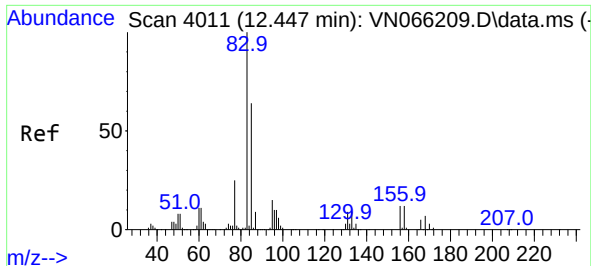


#74  
N-ethyl acetate  
Concen: 14.88 ug/l  
RT: 12.015 min Scan# 3850  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion: 43 Resp: 103978  
Ion Ratio Lower Upper  
43 100  
70 35.6 26.2 39.4  
55 24.7 17.2 25.8  
61 20.7 17.0 25.4





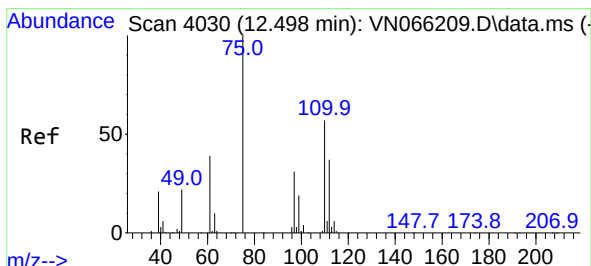
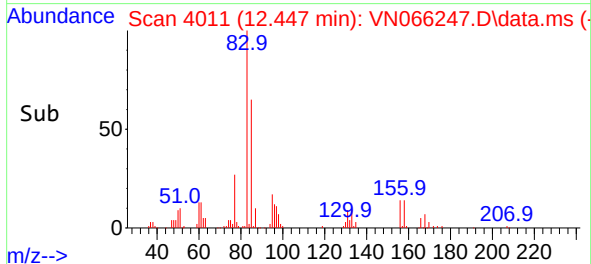
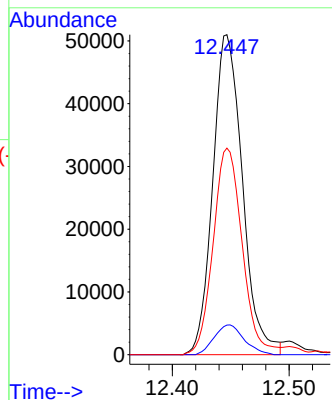
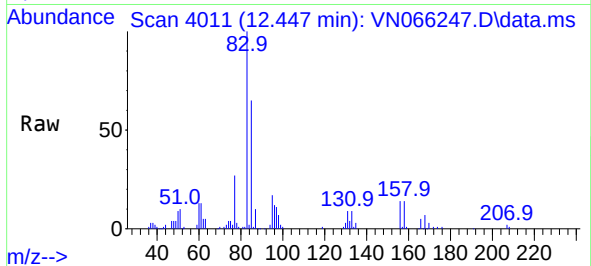
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.28 ug/l  
RT: 12.447 min Scan# 4011  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 83 Resp: 89946  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.5 13.5  
85 63.3 31.8 95.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

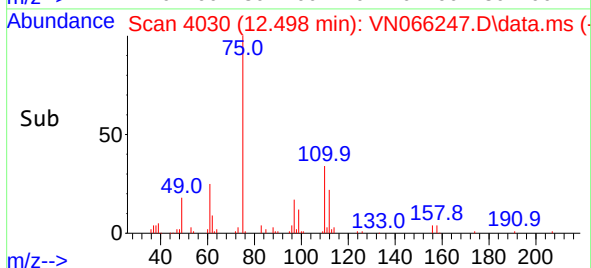
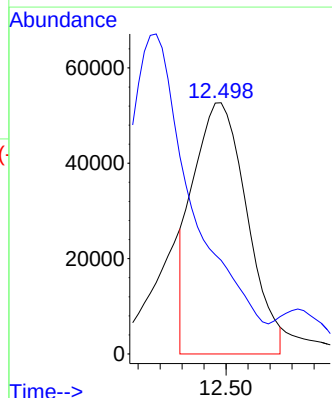
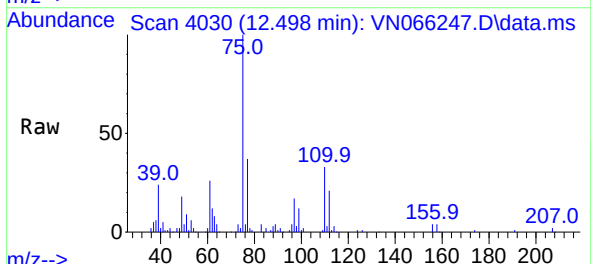
Manual Integrations  
APPROVED

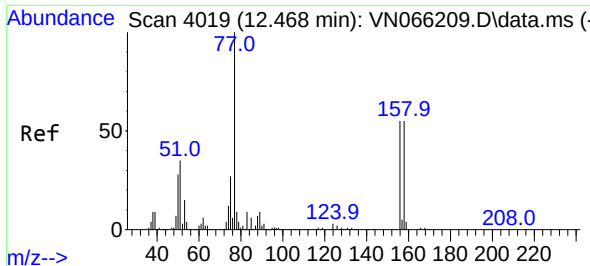
MMDadoda  
3/19/2021 3:33:46 PM



#76  
1,2,3-Trichloropropane  
Concen: 17.20 ug/l m  
RT: 12.498 min Scan# 4030  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 75 Resp: 89243  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





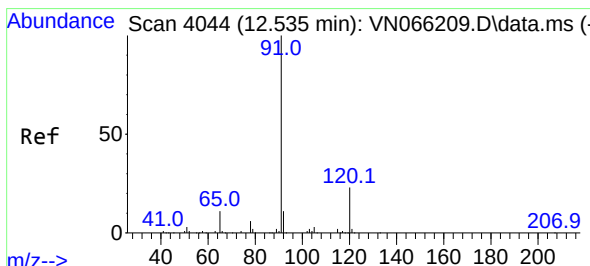
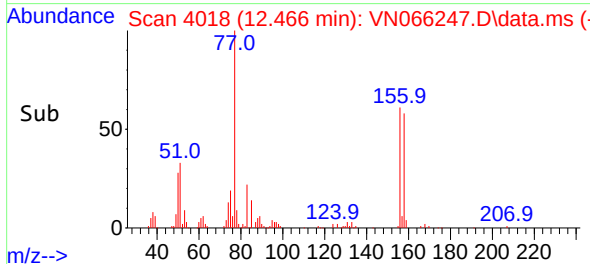
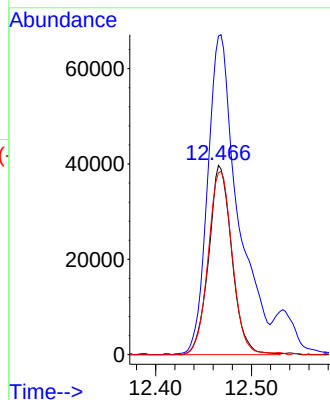
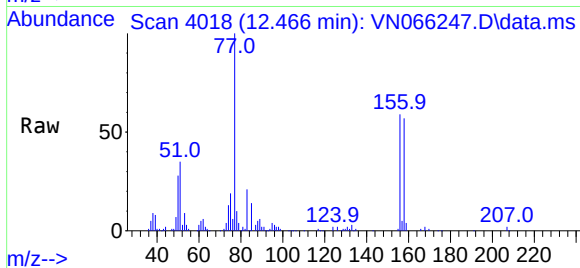
#77  
Bromobenzene  
Concen: 18.05 ug/l  
RT: 12.466 min Scan# 4018  
Delta R.T. -0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:156 Resp: 66666  
Ion Ratio Lower Upper  
156 100  
77 220.0 115.5 346.4  
158 100.5 49.4 148.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
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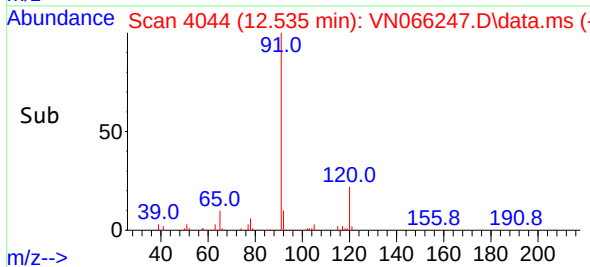
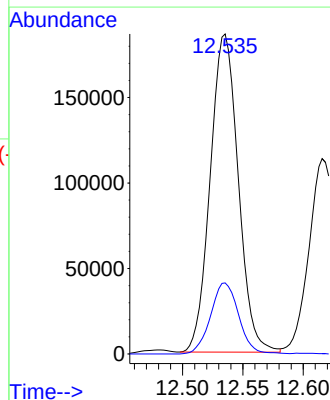
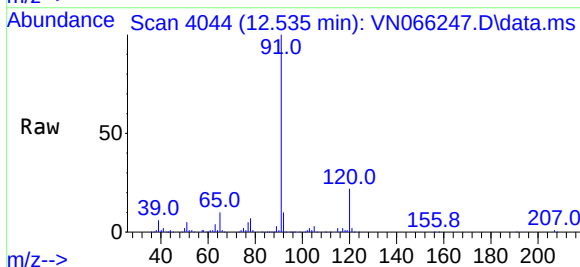
Manual Integrations  
APPROVED

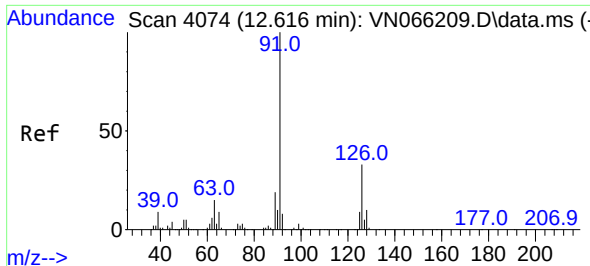
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#78  
n-propylbenzene  
Concen: 18.61 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

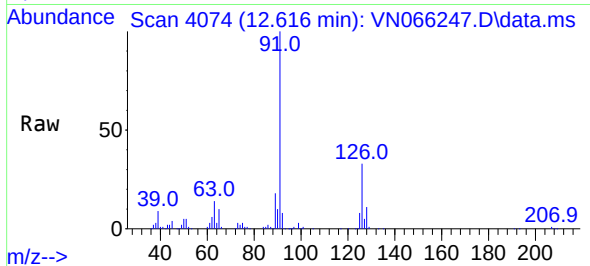
Tgt Ion: 91 Resp: 301440  
Ion Ratio Lower Upper  
91 100  
120 22.4 10.8 32.4





#79  
2-Chlorotoluene  
Concen: 19.01 ug/l  
RT: 12.616 min Scan# 4074  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

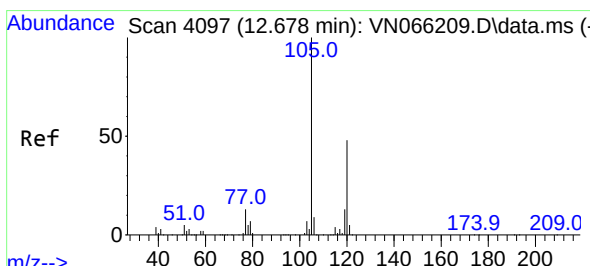
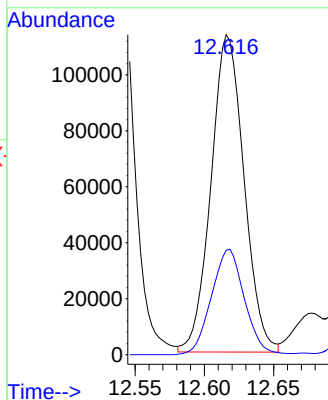
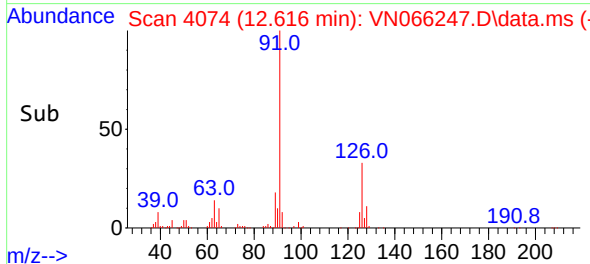
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



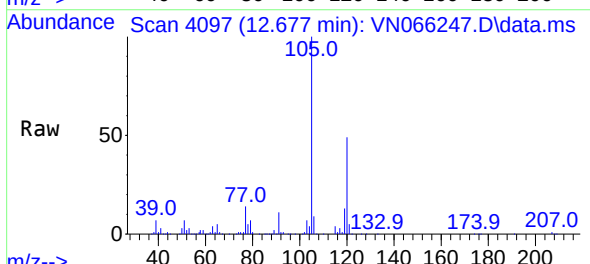
Tgt Ion: 91 Resp: 188013  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.3 48.8

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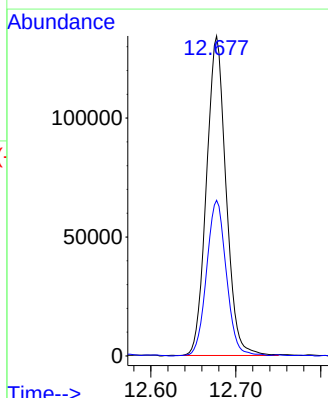
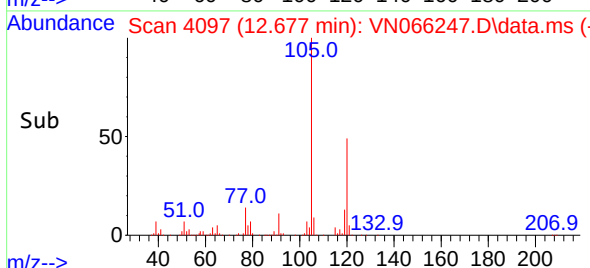
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3/19/2021 3:33:46 PM

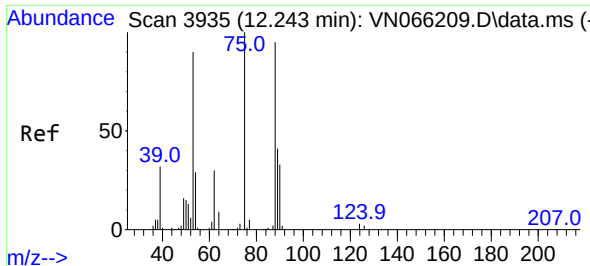


#80  
1,3,5-Trimethylbenzene  
Concen: 18.40 ug/l  
RT: 12.677 min Scan# 4097  
Delta R.T. -0.001 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

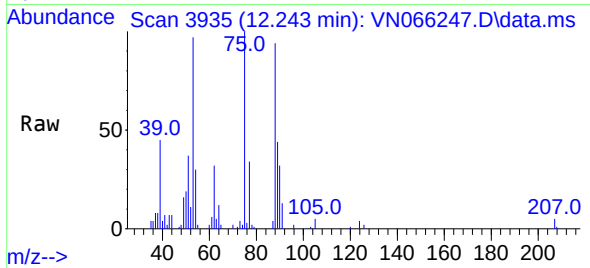


Tgt Ion: 105 Resp: 214974  
Ion Ratio Lower Upper  
105 100  
120 49.3 23.9 71.8

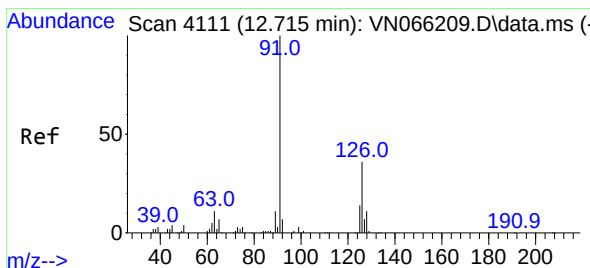
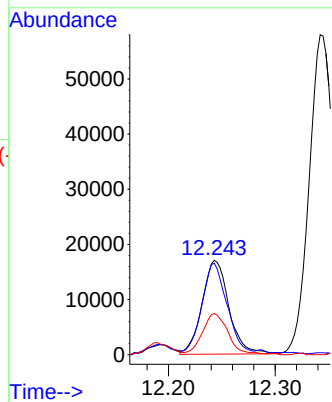
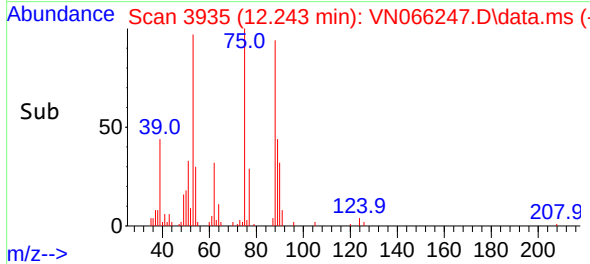




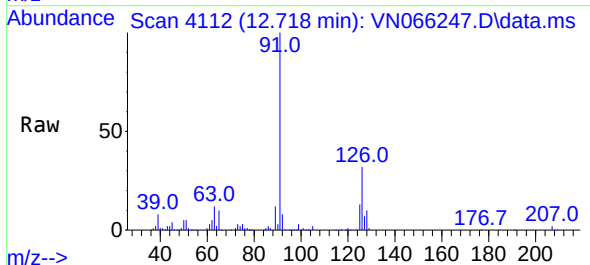
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.13 ug/l  
RT: 12.243 min Scan# 3935  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



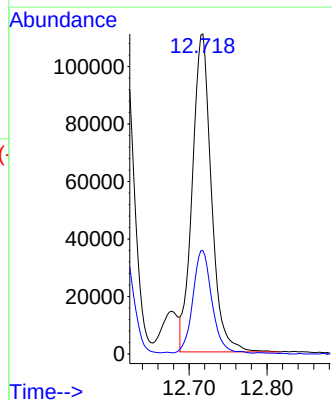
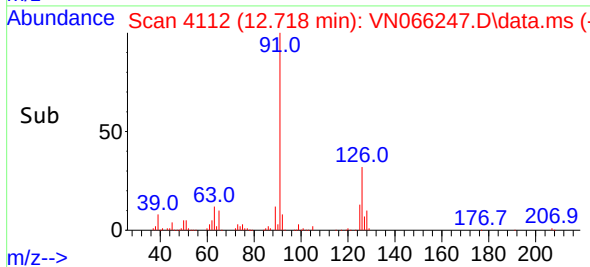
Tgt Ion: 75 Resp: 29710  
Ion Ratio Lower Upper  
75 100  
53 86.2 77.8 116.6  
89 40.0 33.7 50.5



#82  
4-Chlorotoluene  
Concen: 17.81 ug/l  
RT: 12.718 min Scan# 4112  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



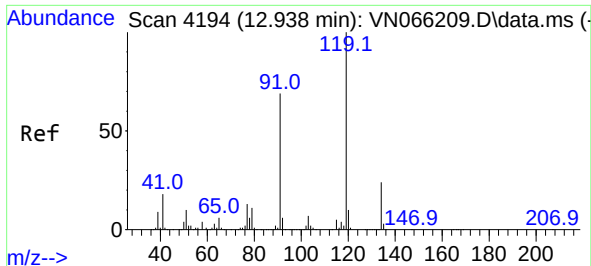
Tgt Ion: 91 Resp: 188315  
Ion Ratio Lower Upper  
91 100  
126 32.3 15.7 47.1



Instrument :  
MSVOA\_N  
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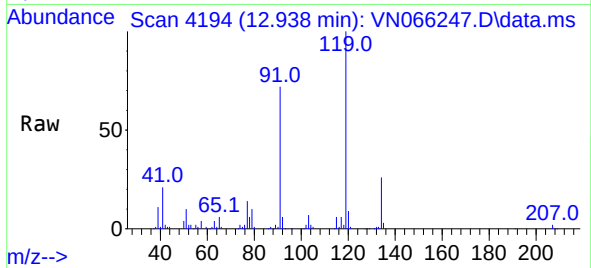
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 15.78 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

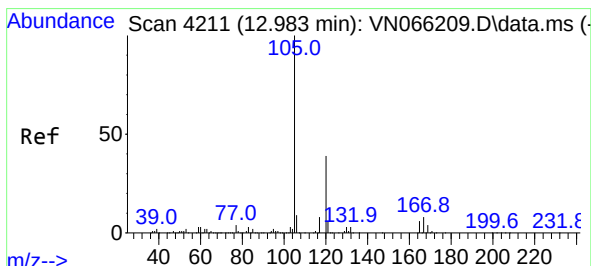
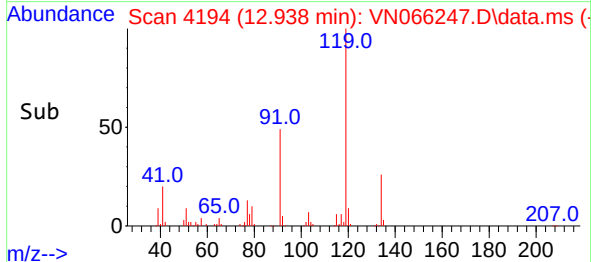
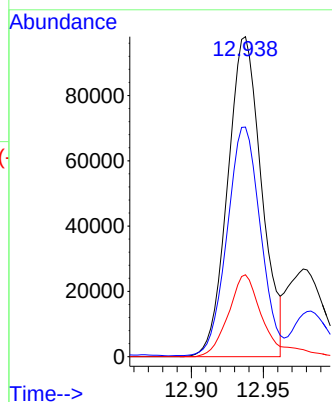
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01



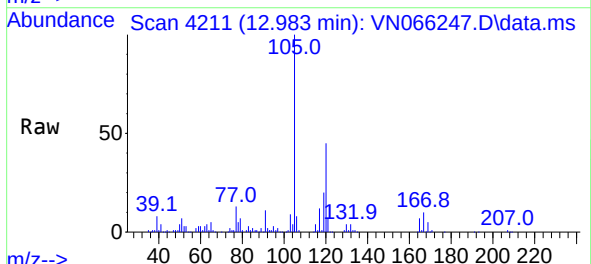
Tgt Ion:119 Resp: 160840  
Ion Ratio Lower Upper  
119 100  
91 70.6 33.7 101.1  
134 26.6 12.3 36.9

Manual Integrations  
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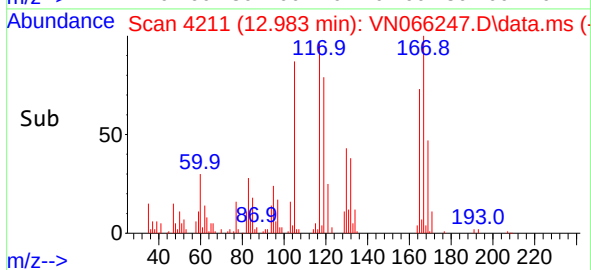
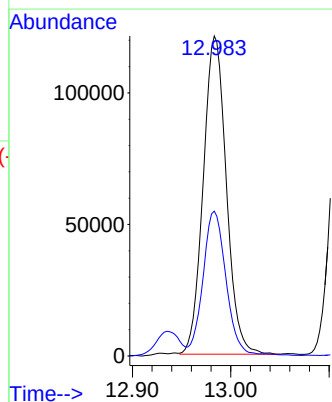
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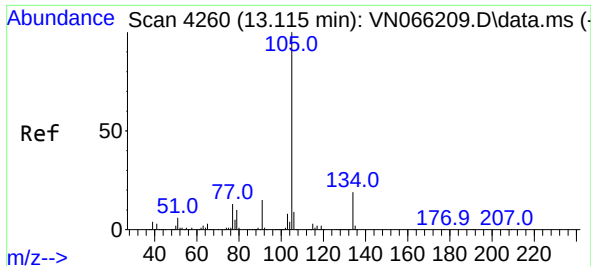


#84  
1,2,4-Trimethylbenzene  
Concen: 17.26 ug/l  
RT: 12.983 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58



Tgt Ion:105 Resp: 197166  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.1 66.5





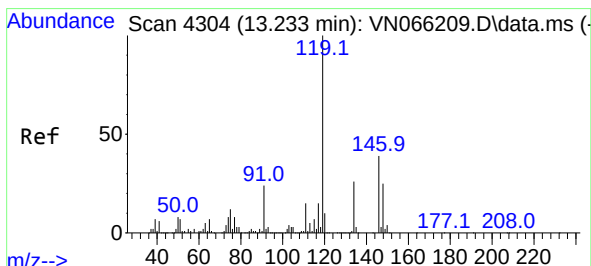
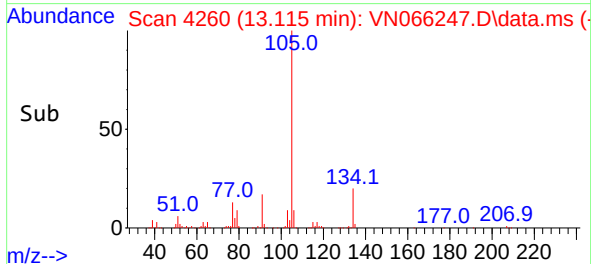
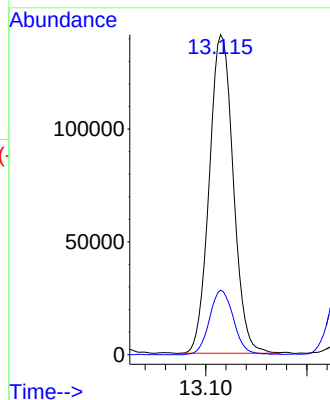
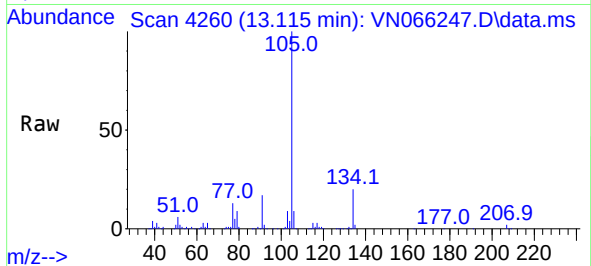
#85  
 sec-Butylbenzene  
 Concen: 17.86 ug/l  
 RT: 13.115 min Scan# 4260  
 Delta R.T. -0.000 min  
 Lab File: VN066247.D  
 Acq: 18 Mar 2021 11:58

Tgt Ion:105 Resp: 233375  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 9.6 28.8

Instrument :  
 MSVOA\_N  
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 VN0318WBS01

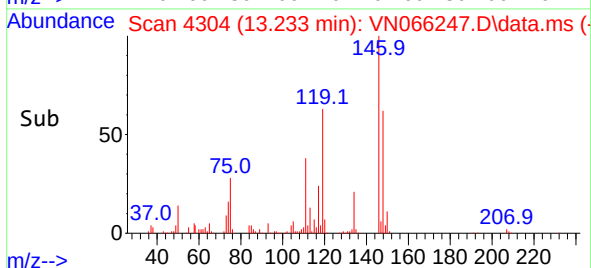
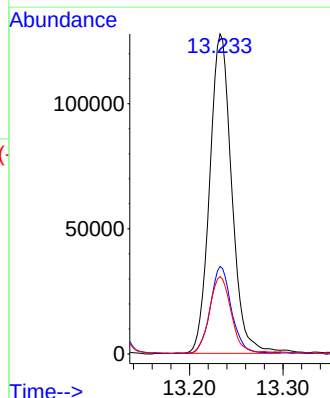
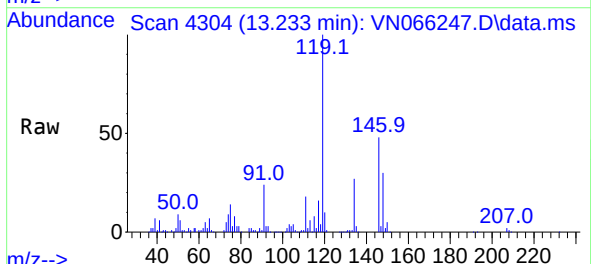
Manual Integrations  
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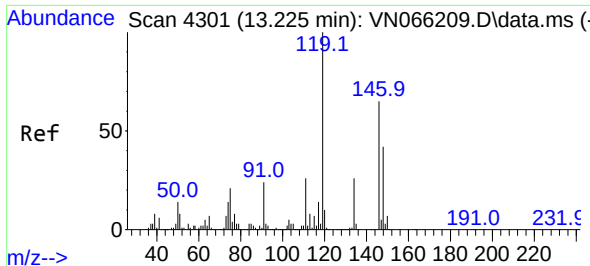
MMDadoda  
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#86  
 p-Isopropyltoluene  
 Concen: 18.28 ug/l  
 RT: 13.233 min Scan# 4304  
 Delta R.T. -0.000 min  
 Lab File: VN066247.D  
 Acq: 18 Mar 2021 11:58

Tgt Ion:119 Resp: 209464  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.1 39.1  
 91 23.4 12.0 36.0





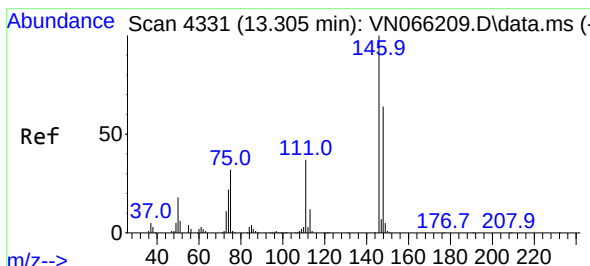
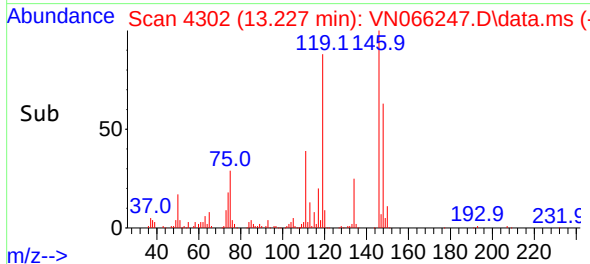
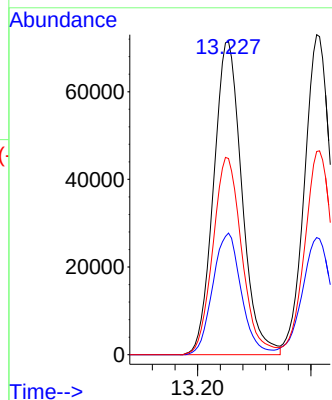
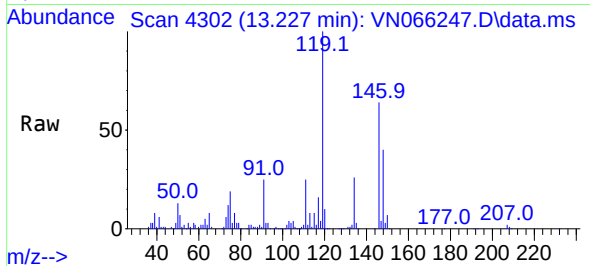
#87  
1,3-Dichlorobenzene  
Concen: 19.83 ug/l  
RT: 13.227 min Scan# 4302  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:146 Resp: 124115  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.3 61.0  
148 64.3 32.4 97.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

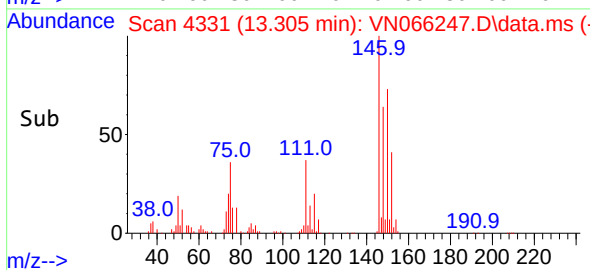
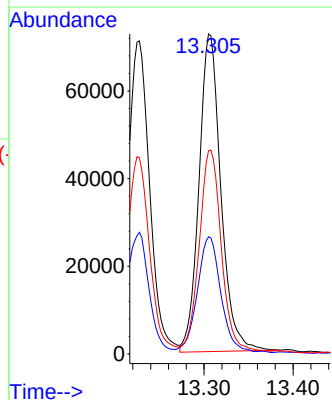
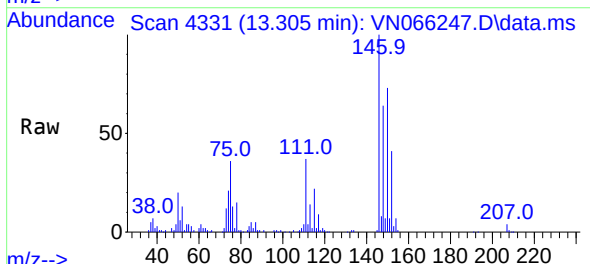
Manual Integrations  
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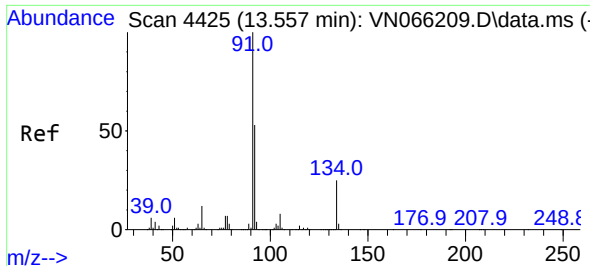


#88  
1,4-Dichlorobenzene  
Concen: 18.90 ug/l  
RT: 13.305 min Scan# 4331  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:146 Resp: 123884  
Ion Ratio Lower Upper  
146 100  
111 38.7 19.9 59.7  
148 64.3 33.2 99.6







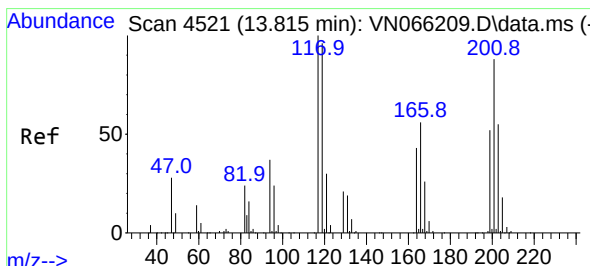
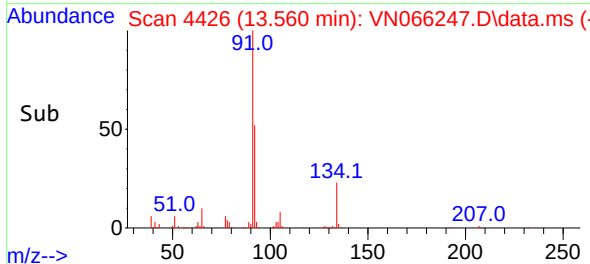
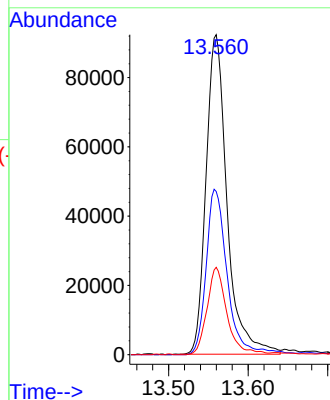
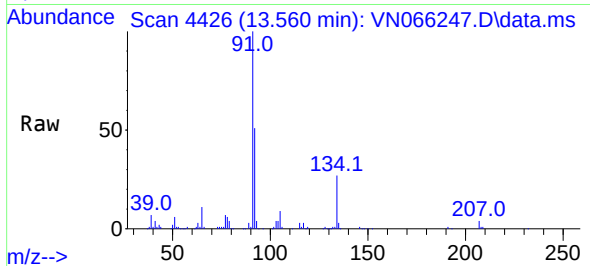
#89  
n-Butylbenzene  
Concen: 16.32 ug/l  
RT: 13.560 min Scan# 4426  
Delta R.T. 0.003 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 91 Resp: 169407  
Ion Ratio Lower Upper  
91 100  
92 50.4 25.7 77.0  
134 26.0 11.8 35.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

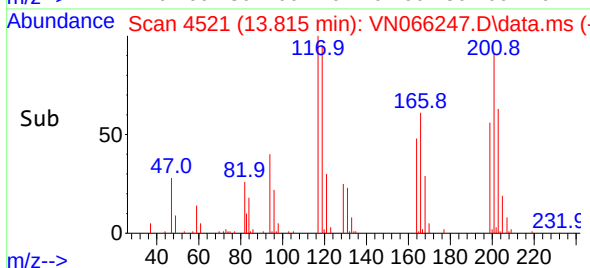
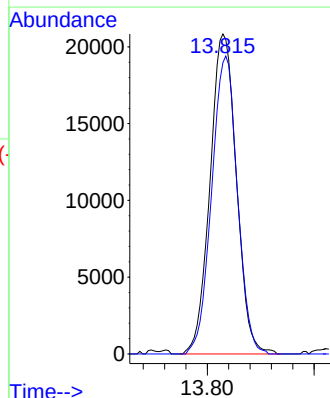
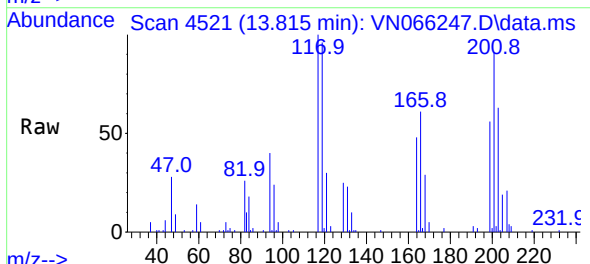
Manual Integrations  
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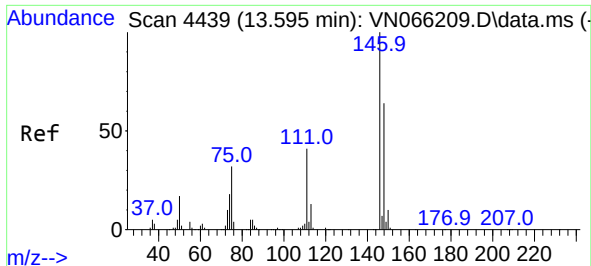
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#90  
Hexachloroethane  
Concen: 17.81 ug/l  
RT: 13.815 min Scan# 4521  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 117 Resp: 35732  
Ion Ratio Lower Upper  
117 100  
201 90.6 42.5 127.5





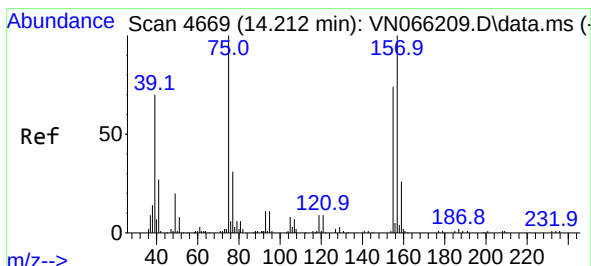
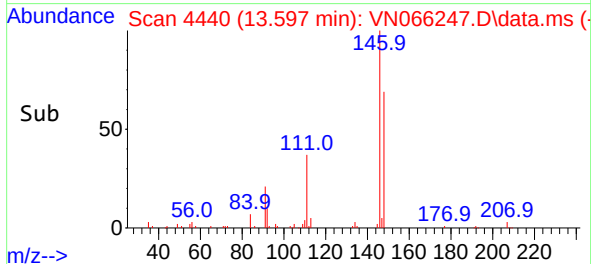
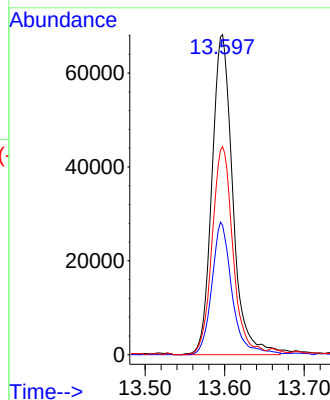
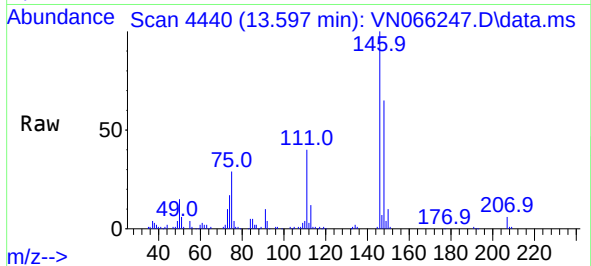
#91  
1,2-Dichlorobenzene  
Concen: 20.15 ug/l  
RT: 13.597 min Scan# 4440  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:146 Resp: 124273  
Ion Ratio Lower Upper  
146 100  
111 40.0 20.9 62.7  
148 64.9 31.2 93.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

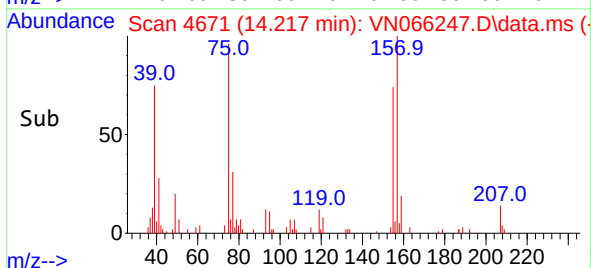
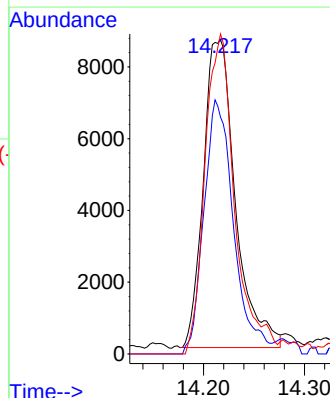
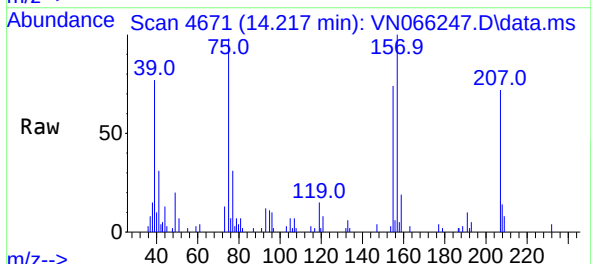
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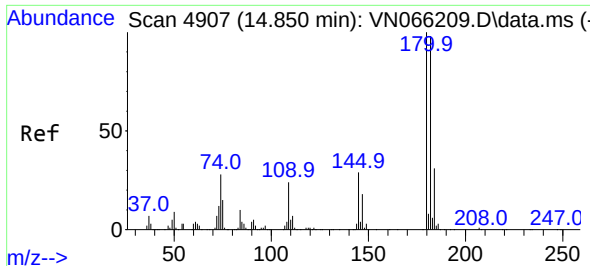
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.79 ug/l  
RT: 14.217 min Scan# 4671  
Delta R.T. 0.005 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion: 75 Resp: 18933  
Ion Ratio Lower Upper  
75 100  
155 76.3 36.5 109.7  
157 96.5 46.3 138.8





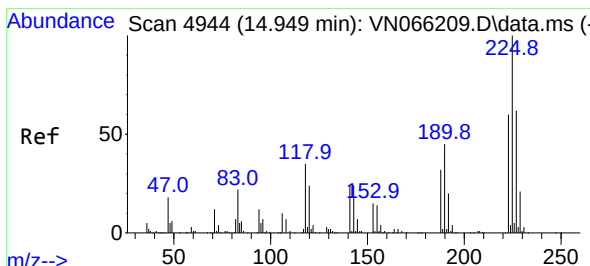
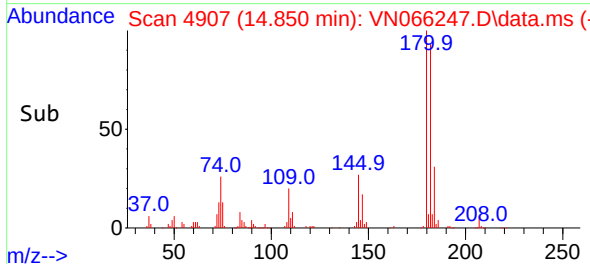
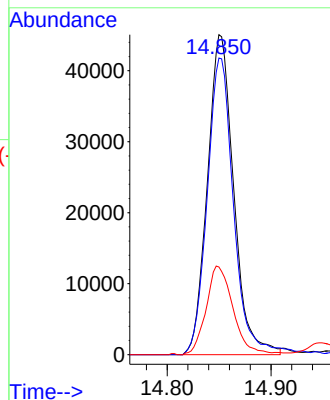
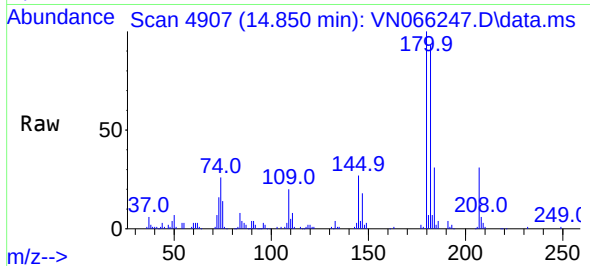
#93  
1,2,4-Trichlorobenzene  
Concen: 19.68 ug/l  
RT: 14.850 min Scan# 4907  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 47.4  | 142.2 |
| 145     | 28.2  | 14.1  | 42.3  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

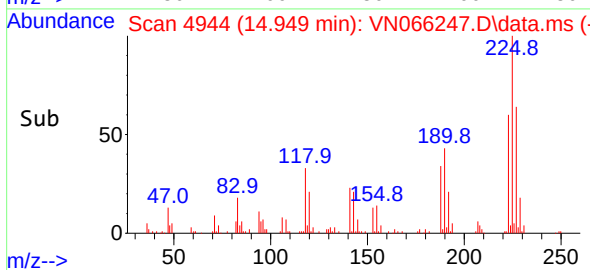
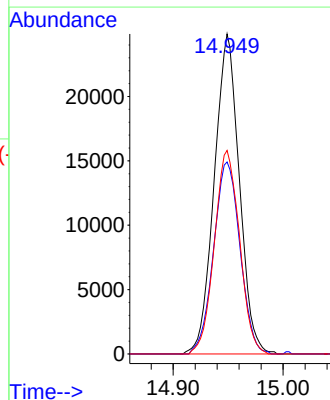
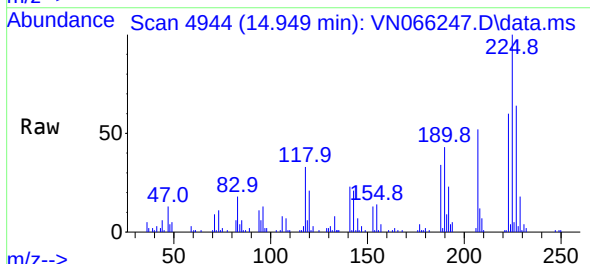
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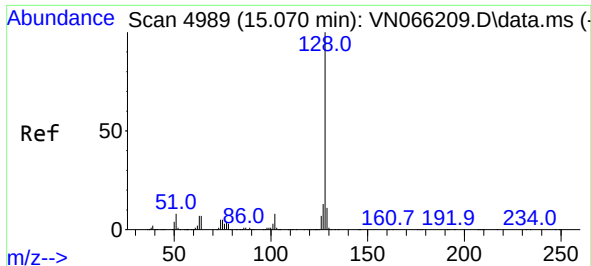
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#94  
Hexachlorobutadiene  
Concen: 20.07 ug/l  
RT: 14.949 min Scan# 4944  
Delta R.T. 0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 31.3  | 93.8  |
| 227     | 63.9  | 31.9  | 95.7  |





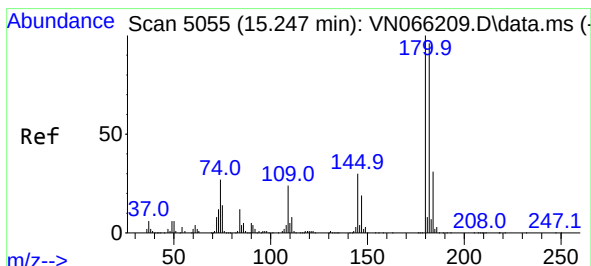
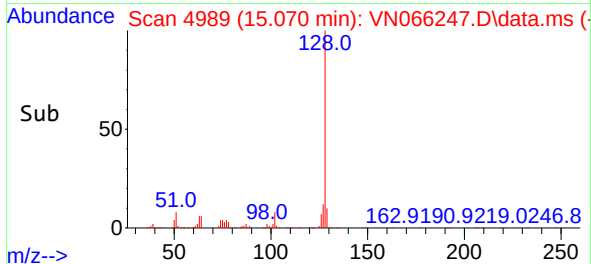
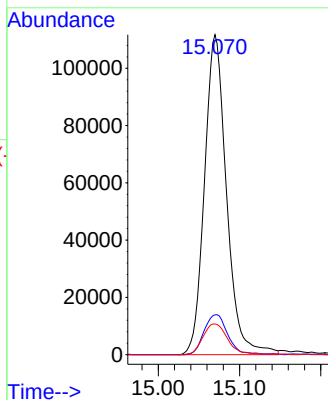
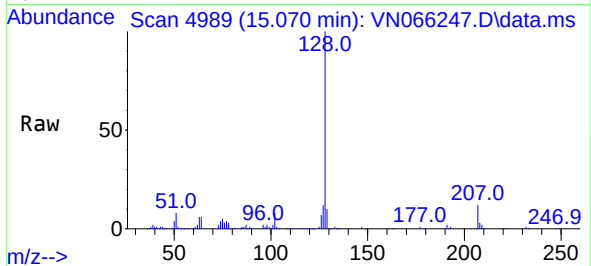
#95  
Naphthalene  
Concen: 17.87 ug/l  
RT: 15.070 min Scan# 4989  
Delta R.T. -0.000 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:128 Resp: 210578  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 10.7 8.4 12.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0318WBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 16.30 ug/l  
RT: 15.249 min Scan# 5056  
Delta R.T. 0.002 min  
Lab File: VN066247.D  
Acq: 18 Mar 2021 11:58

Tgt Ion:180 Resp: 65408  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.9 143.8  
145 31.6 15.6 46.8

