

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040621\  
 Data File : VN066490.D  
 Acq On : 6 Apr 2021 13:06  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

SAM  
 4/7/2021 5:47:10 PM

Quant Time: Apr 06 14:04:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 06 12:45:01 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.582  | 168   | 339073   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.513  | 114   | 530136   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.347 | 117   | 457954   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.289 | 152   | 174129   | 50.00    | ug/l   | 0.00     |
|                              |        |       |          |          |        |          |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65    | 0d       | 0.00     | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 0.00%#   |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0d       | 0.00     | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 0.00%#   |
| 50) Toluene-d8               | 0.000  | 98    | 0d       | 0.00     | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 0.00%#   |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0d       | 0.00     | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 0.00%#   |
|                              |        |       |          |          |        |          |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.816  | 85    | 3481     | 0.90     | ug/l   | 93       |
| 3) Chloromethane             | 2.014  | 50    | 6083     | 1.21     | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.143  | 62    | 5891     | 1.07     | ug/l   | 97       |
| 6) Chloroethane              | 2.642  | 64    | 3691     | 0.99     | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 2.958  | 101   | 7596     | 1.02     | ug/l   | 91       |
| 8) Diethyl Ether             | 3.339  | 74    | 1805     | 0.90     | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 3.677  | 101   | 2901     | 0.90     | ug/l # | 83       |
| 12) 1,1-Dichloroethene       | 3.655  | 96    | 3255     | 1.06     | ug/l   | 95       |
| 14) Allyl chloride           | 4.224  | 41    | 5385m    | 1.03     | ug/l   |          |
| 15) Acrylonitrile            | 4.881  | 53    | 9685m    | 5.41     | ug/l   |          |
| 16) Acetone                  | 3.744  | 43    | 11957    | 6.94     | ug/l   | 99       |
| 17) Carbon Disulfide         | 3.964  | 76    | 12928    | 1.37     | ug/l   | 100      |
| 18) Methyl Acetate           | 4.237  | 43    | 5482     | 1.21     | ug/l # | 76       |
| 19) Methyl tert-butyl Ether  | 4.937  | 73    | 10047m   | 0.93     | ug/l   |          |
| 20) Methylene Chloride       | 4.444  | 84    | 4349m    | 1.09     | ug/l   |          |
| 21) trans-1,2-Dichloroethene | 4.924  | 96    | 3918m    | 1.10     | ug/l   |          |
| 22) Diisopropyl ether        | 5.844  | 45    | 10234    | 0.88     | ug/l # | 82       |
| 23) Vinyl Acetate            | 5.793  | 43    | 42136    | 4.18     | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 5.739  | 63    | 6518     | 0.96     | ug/l # | 83       |
| 25) 2-Butanone               | 6.745  | 43    | 13364    | 5.01     | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 6.724  | 77    | 5598     | 0.97     | ug/l # | 60       |
| 27) cis-1,2-Dichloroethene   | 6.732  | 96    | 4218     | 1.13     | ug/l   | 50       |
| 28) Bromochloromethane       | 7.102  | 49    | 4125     | 1.22     | ug/l # | 84       |
| 29) Tetrahydrofuran          | 7.126  | 42    | 8833     | 4.86     | ug/l # | 68       |
| 30) Chloroform               | 7.282  | 83    | 6637     | 0.96     | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.491  | 97    | 5400m    | 0.90     | ug/l   |          |
| 36) 1,1-Dichloropropene      | 7.705  | 75    | 4849     | 0.96     | ug/l # | 54       |
| 37) Ethyl Acetate            | 6.844  | 43    | 6717m    | 1.13     | ug/l   |          |
| 38) Carbon Tetrachloride     | 7.686  | 117   | 4623     | 0.85     | ug/l # | 94       |
| 39) Methylcyclohexane        | 9.006  | 83    | 5213     | 0.92     | ug/l   | 98       |
| 40) Benzene                  | 7.965  | 78    | 14358    | 0.89     | ug/l   | 100      |
| 41) Methacrylonitrile        | 7.099  | 41    | 3181m    | 0.87     | ug/l   |          |
| 42) 1,2-Dichloroethane       | 8.043  | 62    | 5245     | 0.94     | ug/l   | 90       |
| 43) Isopropyl Acetate        | 8.091  | 43    | 8802     | 0.93     | ug/l # | 78       |
| 44) Trichloroethene          | 8.765  | 130   | 4189     | 1.03     | ug/l   | 74       |
| 45) 1,2-Dichloropropane      | 9.049  | 63    | 3952     | 0.91     | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040621\  
 Data File : VN066490.D  
 Acq On : 6 Apr 2021 13:06  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

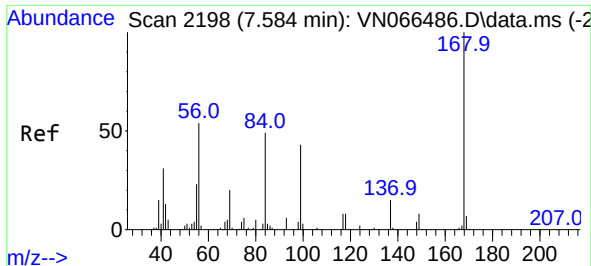
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Quant Time: Apr 06 14:04:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 06 12:45:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 46) Dibromomethane            | 9.143  | 93   | 2348     | 0.83  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.339  | 83   | 5157     | 0.90  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.132  | 41   | 3994     | 0.94  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.129  | 88   | 942      | 16.39 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 9.923  | 43   | 22286    | 3.90  | ug/l   | 98       |
| 52) Toluene                   | 10.092 | 92   | 8026     | 0.82  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.328 | 75   | 4643     | 0.78  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.773  | 75   | 5861     | 0.91  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.497 | 97   | 3509     | 0.87  | ug/l # | 87       |
| 56) Ethyl methacrylate        | 10.371 | 69   | 3596m    | 0.69  | ug/l   |          |
| 57) 1,3-Dichloropropane       | 10.647 | 76   | 5663     | 0.86  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.631  | 63   | 1787     | 2.46  | ug/l # | 86       |
| 59) 2-Hexanone                | 10.698 | 43   | 11196    | 3.08  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.838 | 129  | 3767     | 0.84  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 10.948 | 107  | 3516     | 0.86  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.570 | 164  | 4051     | 1.06  | ug/l   | 88       |
| 65) Chlorobenzene             | 11.371 | 112  | 9501     | 0.99  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.455 | 131  | 3223     | 0.87  | ug/l # | 63       |
| 67) Ethyl Benzene             | 11.455 | 91   | 13516    | 0.84  | ug/l   | 92       |
| 68) m/p-Xylenes               | 11.570 | 106  | 9612     | 1.60  | ug/l   | 87       |
| 69) o-Xylene                  | 11.889 | 106  | 4808     | 0.83  | ug/l   | 99       |
| 70) Styrene                   | 11.913 | 104  | 6577m    | 0.74  | ug/l   |          |
| 71) Bromoform                 | 12.074 | 173  | 2186     | 0.75  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.198 | 105  | 10911    | 0.89  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.450 | 83   | 5520m    | 1.26  | ug/l   |          |
| 76) 1,2,3-Trichloropropane    | 12.506 | 75   | 3661m    | 0.75  | ug/l   |          |
| 77) Bromobenzene              | 12.482 | 156  | 3605m    | 1.13  | ug/l   |          |
| 78) n-propylbenzene           | 12.544 | 91   | 11834    | 0.88  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.624 | 91   | 7375m    | 0.90  | ug/l   |          |
| 80) 1,3,5-Trimethylbenzene    | 12.683 | 105  | 9259     | 0.91  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.729 | 91   | 7677m    | 0.95  | ug/l   |          |
| 83) tert-Butylbenzene         | 12.938 | 119  | 11326    | 1.30  | ug/l # | 78       |
| 84) 1,2,4-Trimethylbenzene    | 12.989 | 105  | 8774     | 0.91  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.120 | 105  | 10954    | 0.97  | ug/l # | 77       |
| 86) p-Isopropyltoluene        | 13.235 | 119  | 8514     | 0.89  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.230 | 146  | 6192     | 1.13  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.308 | 146  | 8749m    | 1.54  | ug/l   |          |
| 89) n-Butylbenzene            | 13.576 | 91   | 11093m   | 1.35  | ug/l   |          |
| 90) Hexachloroethane          | 13.817 | 117  | 2332     | 1.12  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.611 | 146  | 5727     | 1.03  | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 2240m    | 2.49  | ug/l   |          |
| 93) 1,2,4-Trichlorobenzene    | 14.989 | 180  | 6850     | 2.22  | ug/l # | 90       |
| 94) Hexachlorobutadiene       | 15.110 | 225  | 2484     | 1.36  | ug/l   | 78       |
| 95) Naphthalene               | 15.276 | 128  | 36869    | 4.55  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.512 | 180  | 8387     | 2.80  | ug/l   | 96       |

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





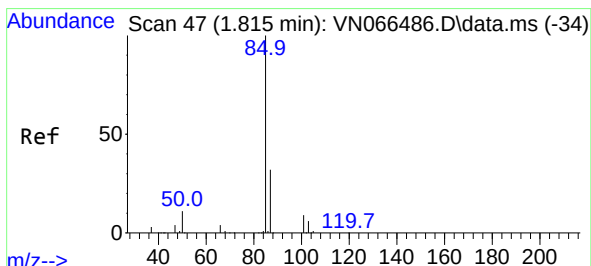
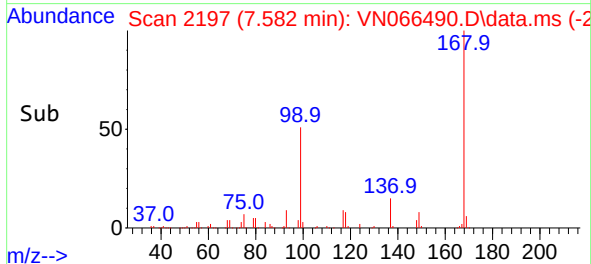
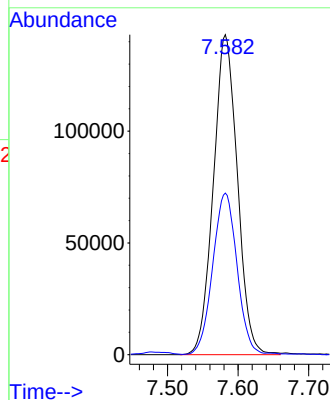
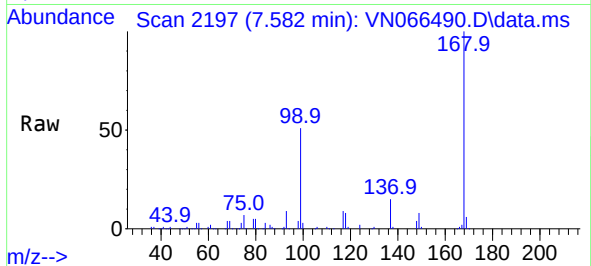
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.582 min Scan# 2197  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion:168 Resp: 339073  
Ion Ratio Lower Upper  
168 100  
99 50.4 41.1 61.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

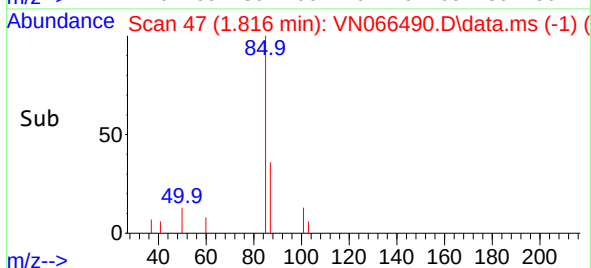
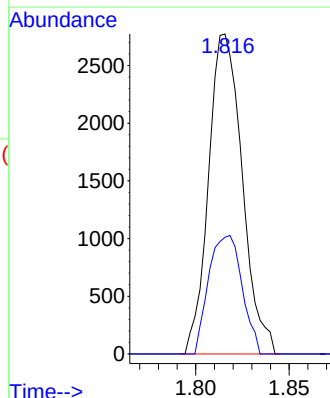
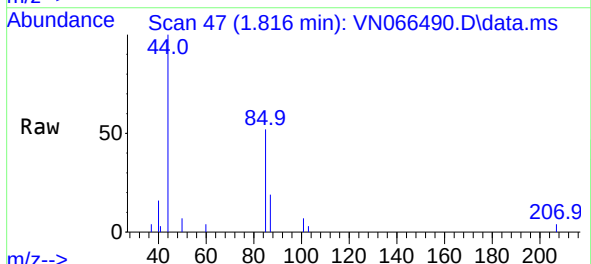
Manual Integrations  
APPROVED

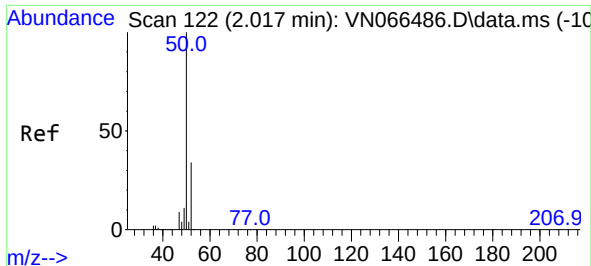
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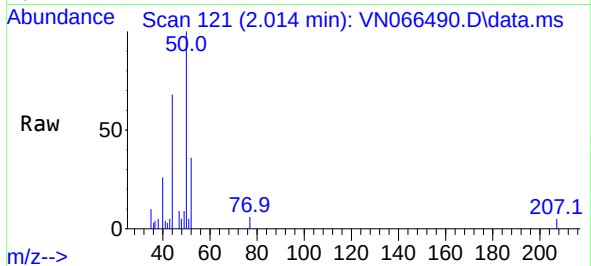
#2  
Dichlorodifluoromethane  
Concen: 0.90 ug/l  
RT: 1.816 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 85 Resp: 3481  
Ion Ratio Lower Upper  
85 100  
87 36.5 16.2 48.6

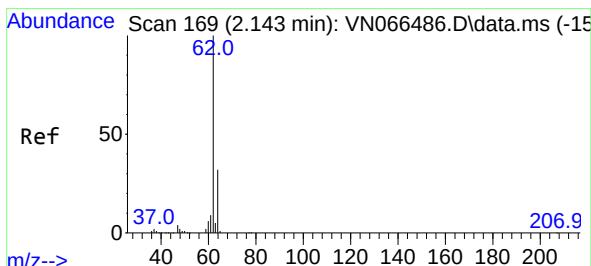
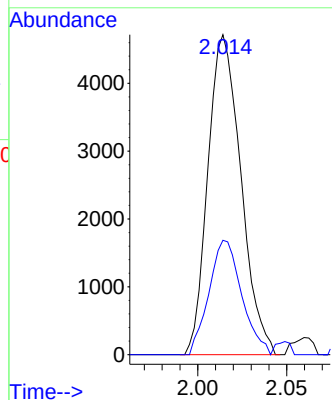
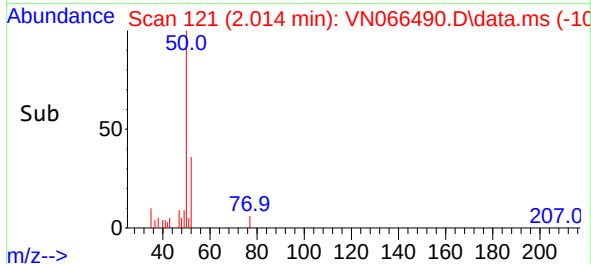




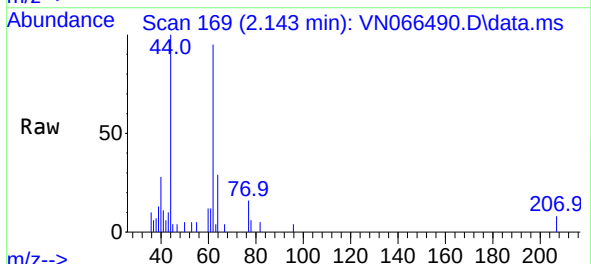
#3  
Chloromethane  
Concen: 1.21 ug/l  
RT: 2.014 min Scan# 121  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



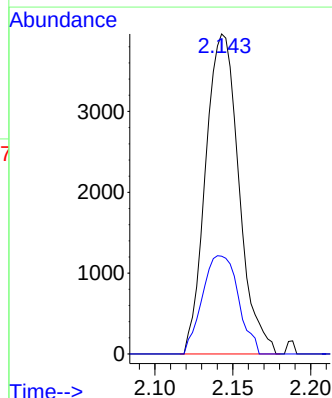
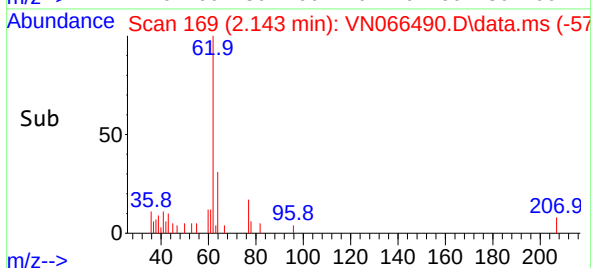
Tgt Ion: 50 Resp: 6083  
Ion Ratio Lower Upper  
50 100  
52 35.8 26.2 39.2



#4  
Vinyl Chloride  
Concen: 1.07 ug/l  
RT: 2.143 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



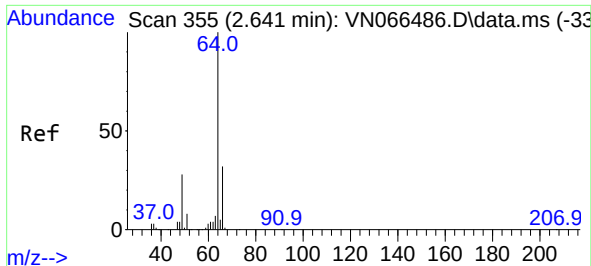
Tgt Ion: 62 Resp: 5891  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.6 38.4



Instrument :  
MSVOA\_N  
ClientSampleId :  
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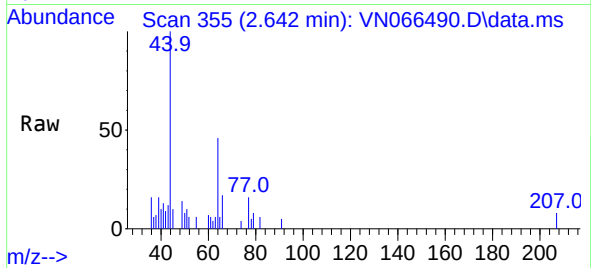
Manual Integrations  
APPROVED

SAM  
4/7/2021 5:47:10 PM



#6  
Chloroethane  
Concen: 0.99 ug/l  
RT: 2.642 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

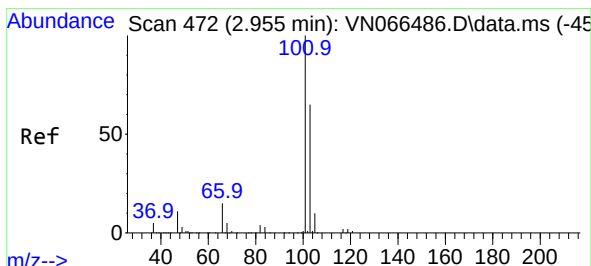
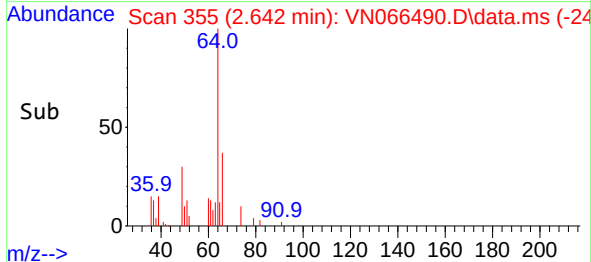
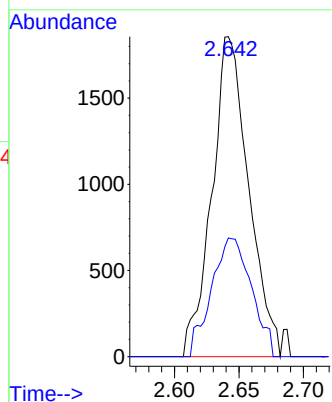
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 64 Resp: 3691  
Ion Ratio Lower Upper  
64 100  
66 37.1 26.1 39.1

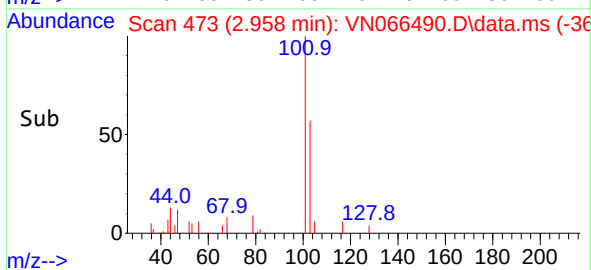
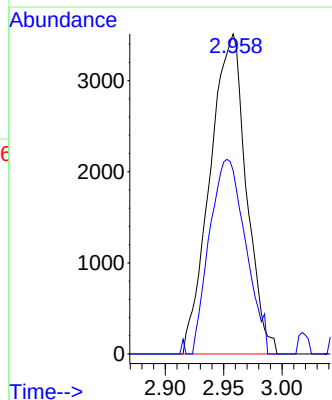
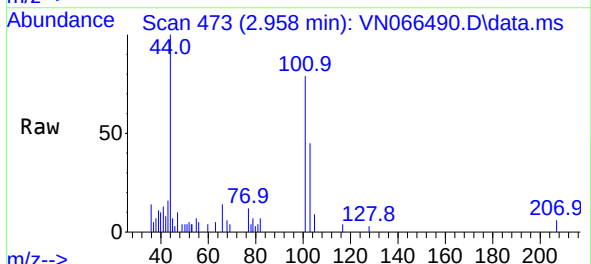
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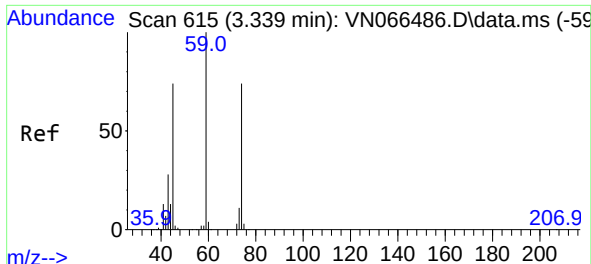
SAM  
4/7/2021 5:47:10 PM



#7  
Trichlorofluoromethane  
Concen: 1.02 ug/l  
RT: 2.958 min Scan# 473  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

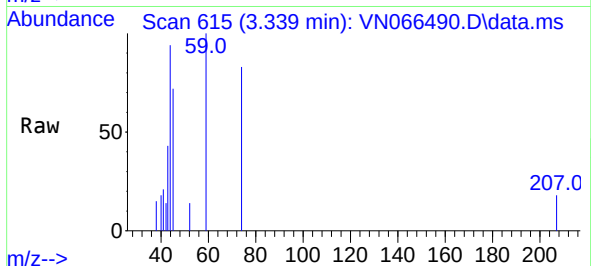
Tgt Ion: 101 Resp: 7596  
Ion Ratio Lower Upper  
101 100  
103 57.3 51.4 77.0





#8  
Diethyl Ether  
Concen: 0.90 ug/l  
RT: 3.339 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

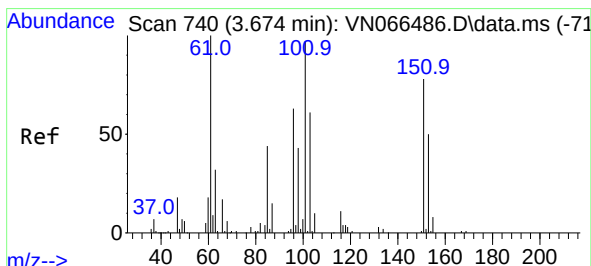
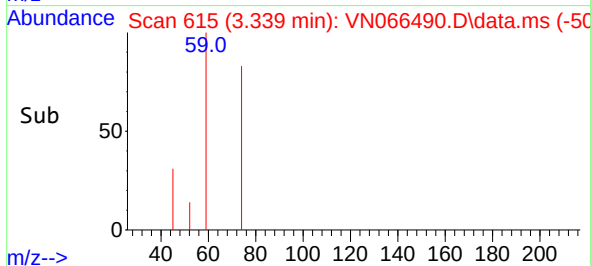
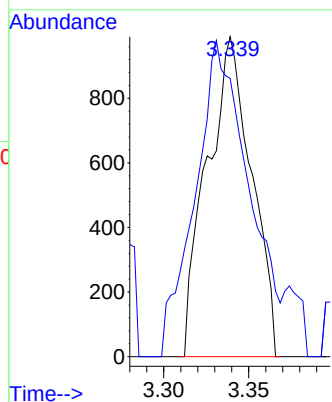
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



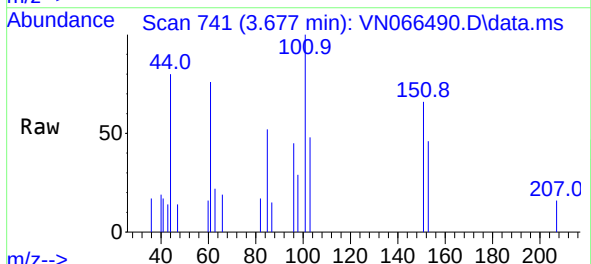
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Ion Ratio Lower Upper  
74 100  
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Manual Integrations  
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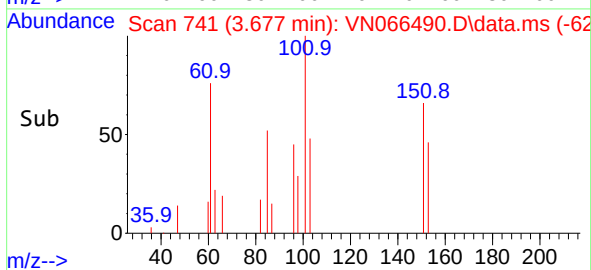
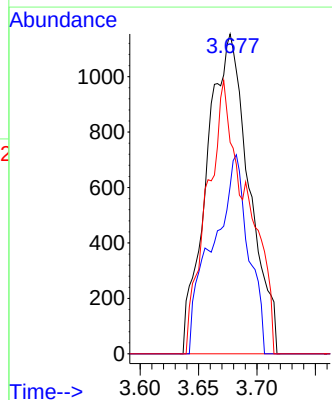
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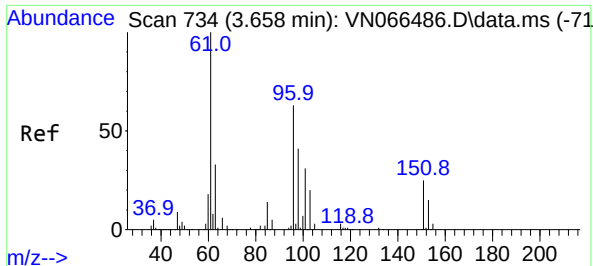


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.90 ug/l  
RT: 3.677 min Scan# 741  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion: 101 Resp: 2901  
Ion Ratio Lower Upper  
101 100  
85 52.7 36.8 55.2  
151 59.8 63.0 94.4#





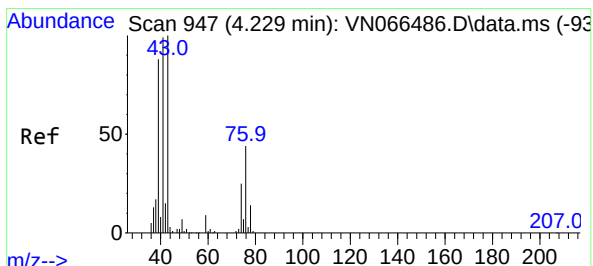
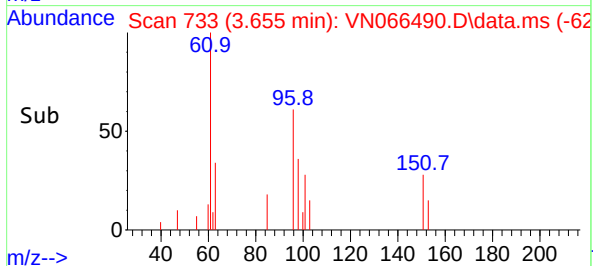
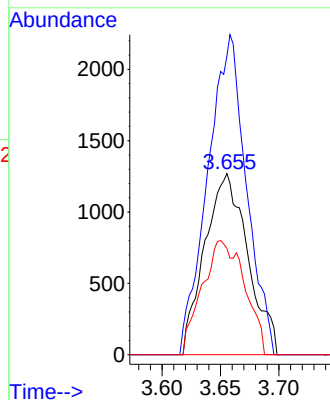
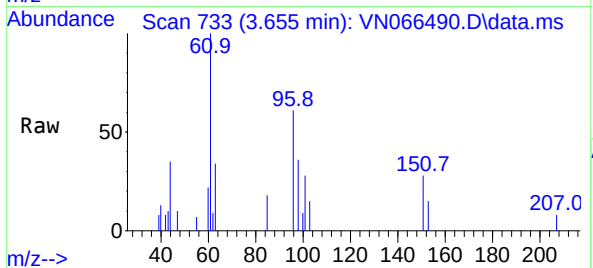
#12  
1,1-Dichloroethene  
Concen: 1.06 ug/l  
RT: 3.655 min Scan# 733  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 96 Resp: 3255  
Ion Ratio Lower Upper  
96 100  
61 164.9 137.0 205.4  
98 58.7 51.5 77.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

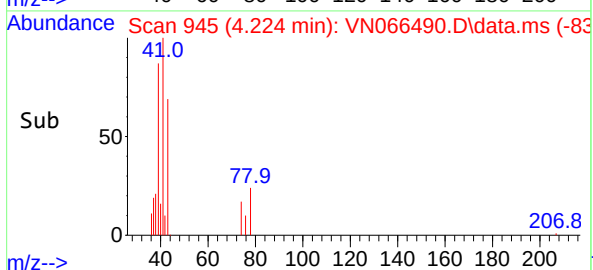
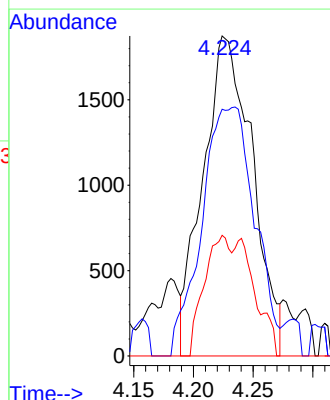
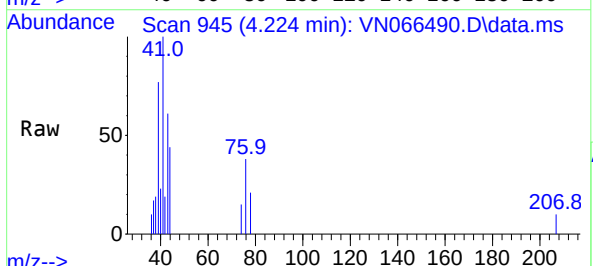
Manual Integrations  
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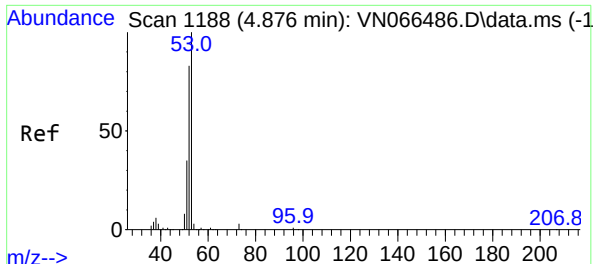


#14  
Allyl chloride  
Concen: 1.03 ug/l m  
RT: 4.224 min Scan# 945  
Delta R.T. -0.005 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 41 Resp: 5385  
Ion Ratio Lower Upper  
41 100  
39 83.4 55.3 82.9#  
76 20.4 24.6 36.8#

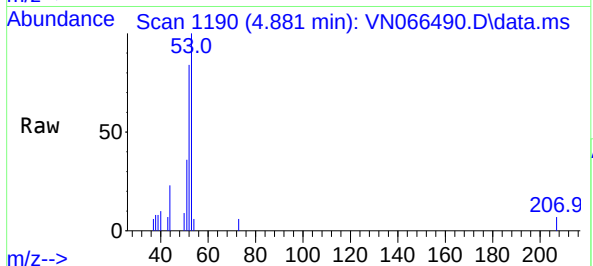






#15  
Acrylonitrile  
Concen: 5.41 ug/l m  
RT: 4.881 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

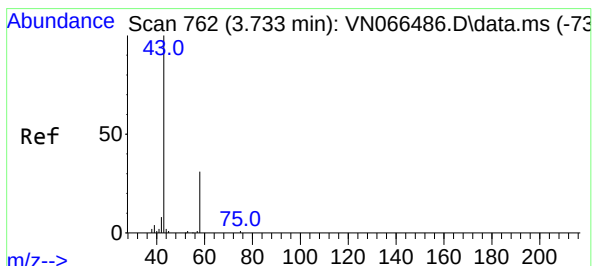
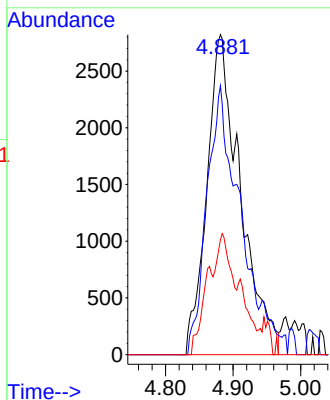
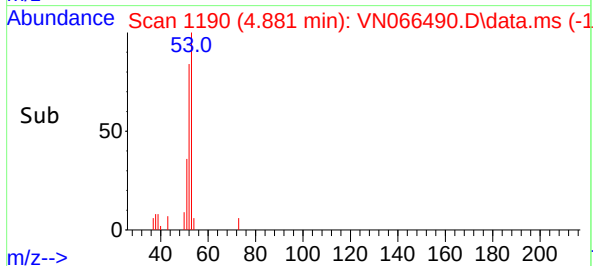
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MSVOA\_N  
ClientSampled :  
VSTDIC001



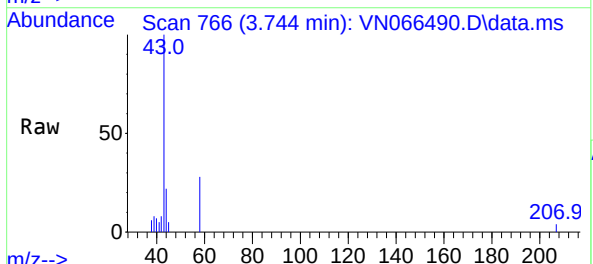
Tgt Ion: 53 Resp: 9685  
Ion Ratio Lower Upper  
53 100  
52 78.3 66.6 99.8  
51 7.9 29.4 44.0#

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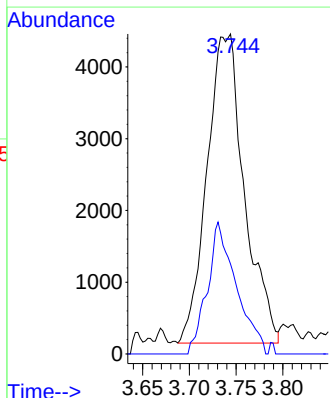
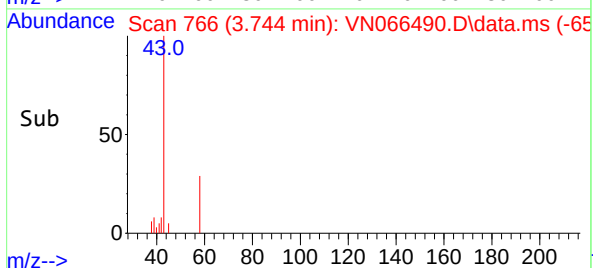
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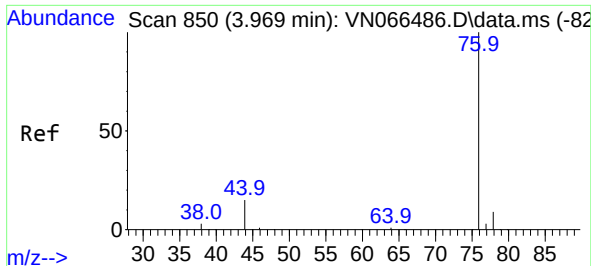


#16  
Acetone  
Concen: 6.94 ug/l  
RT: 3.744 min Scan# 766  
Delta R.T. 0.011 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion: 43 Resp: 11957  
Ion Ratio Lower Upper  
43 100  
58 29.1 23.8 35.8





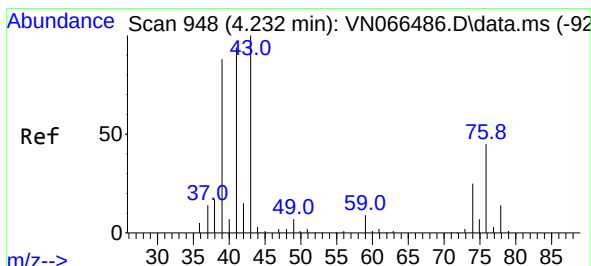
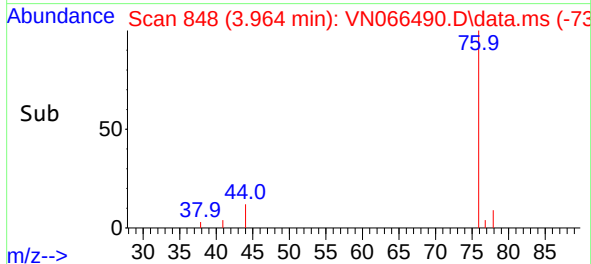
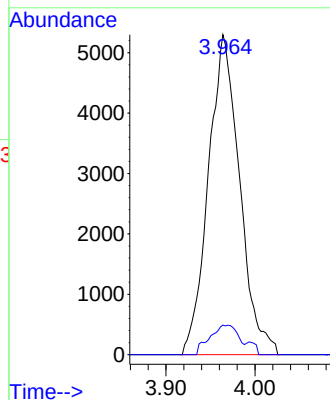
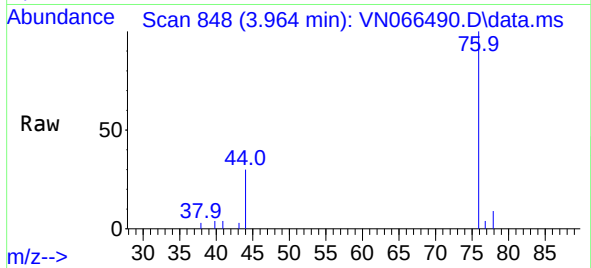
#17  
Carbon Disulfide  
Concen: 1.37 ug/l  
RT: 3.964 min Scan# 848  
Delta R.T. -0.005 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion: 76 Resp: 12928  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0

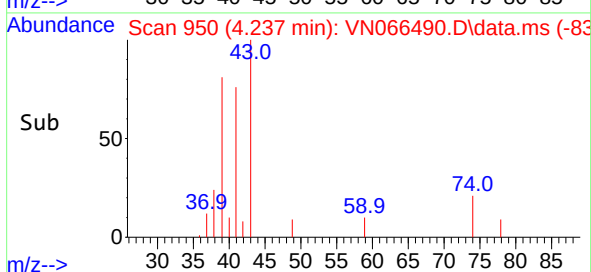
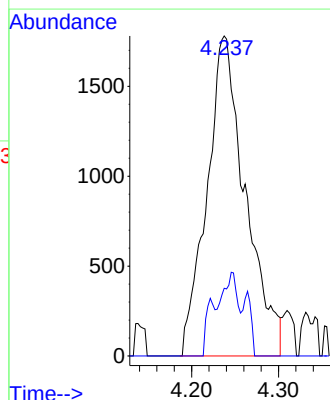
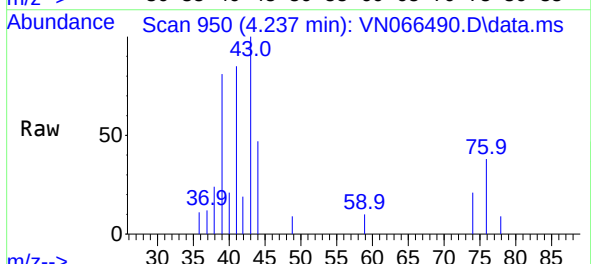
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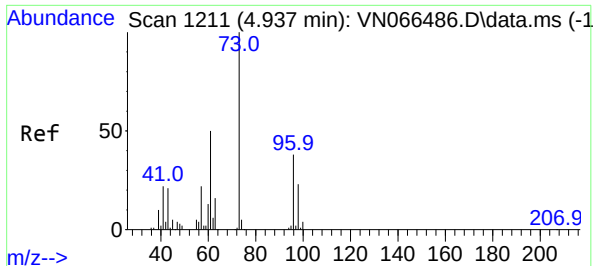
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#18  
Methyl Acetate  
Concen: 1.21 ug/l  
RT: 4.237 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

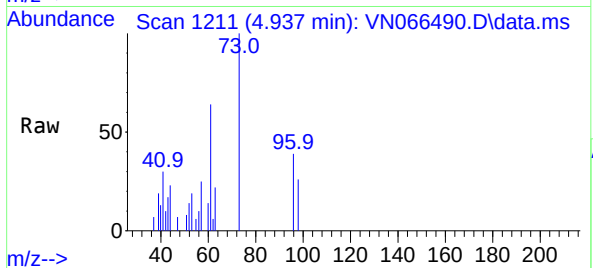
Tgt Ion: 43 Resp: 5482  
Ion Ratio Lower Upper  
43 100  
74 10.5 17.6 26.4#





#19  
Methyl tert-butyl Ether  
Concen: 0.93 ug/l m  
RT: 4.937 min Scan# 1211  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

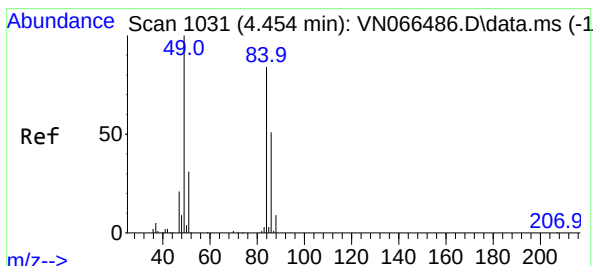
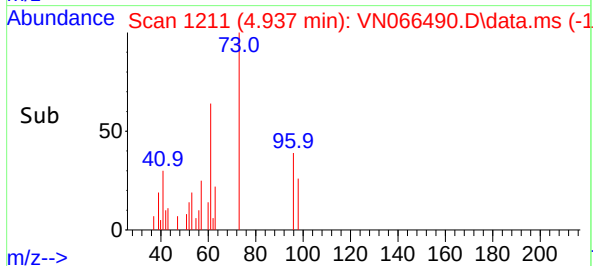
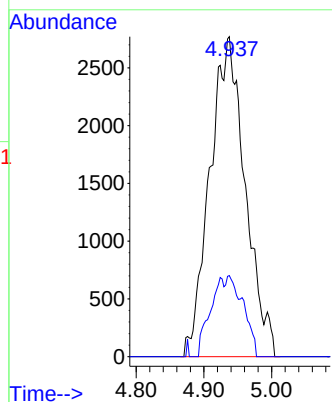
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



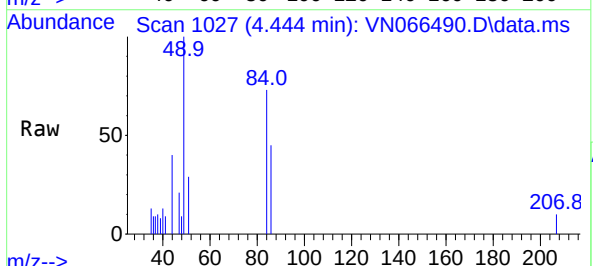
Tgt Ion: 73 Resp: 10047  
Ion Ratio Lower Upper  
73 100  
57 25.4 17.6 26.4

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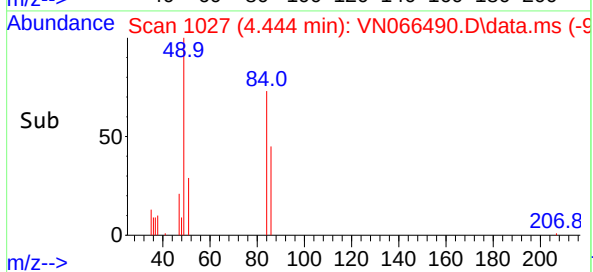
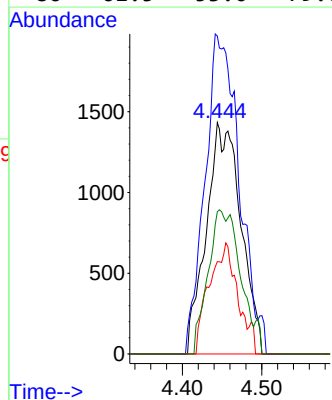
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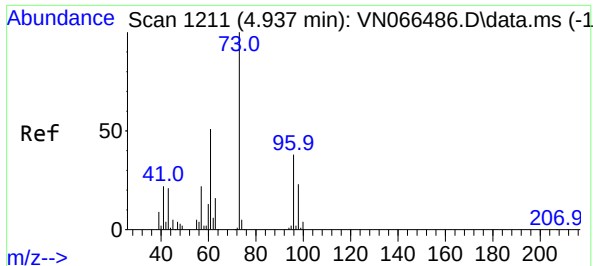


#20  
Methylene Chloride  
Concen: 1.09 ug/l m  
RT: 4.444 min Scan# 1027  
Delta R.T. -0.011 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



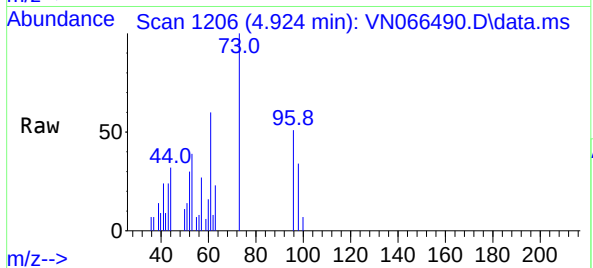
Tgt Ion: 84 Resp: 4349  
Ion Ratio Lower Upper  
84 100  
49 137.4 105.0 157.6  
51 39.9 31.6 47.4  
86 61.5 53.0 79.6





#21  
trans-1,2-Dichloroethene  
Concen: 1.10 ug/l m  
RT: 4.924 min Scan# 1206  
Delta R.T. -0.013 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

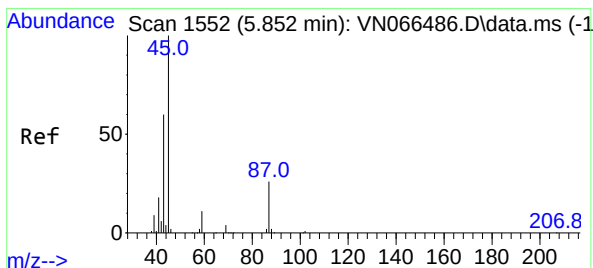
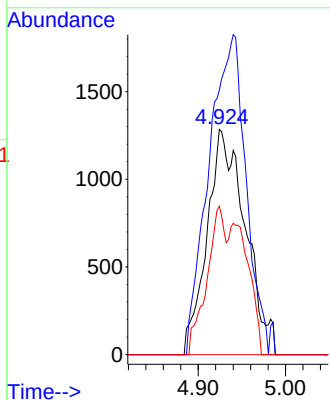
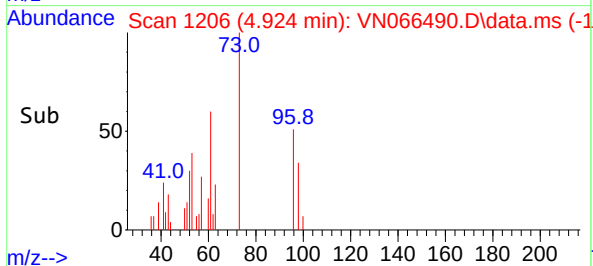
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



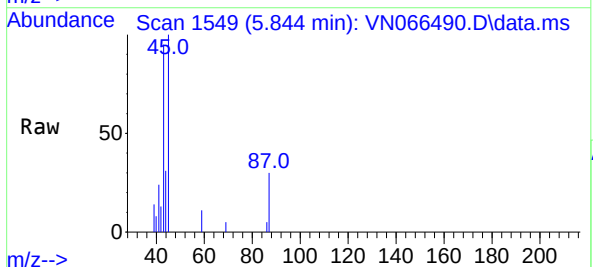
Tgt Ion: 96 Resp: 3918  
Ion Ratio Lower Upper  
96 100  
61 117.4 113.7 170.5  
98 65.9 50.2 75.2

Manual Integrations  
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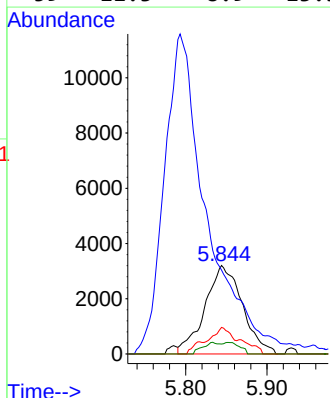
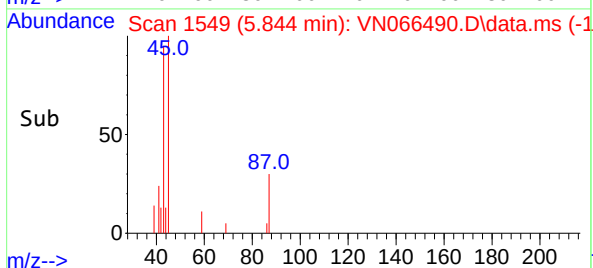
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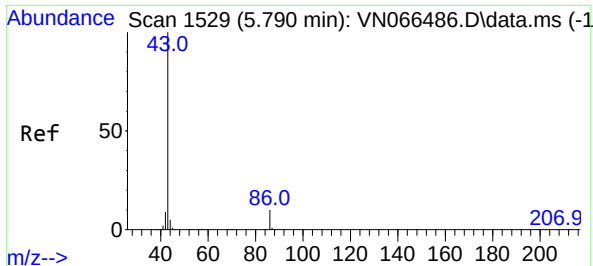


#22  
Diisopropyl ether  
Concen: 0.88 ug/l  
RT: 5.844 min Scan# 1549  
Delta R.T. -0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



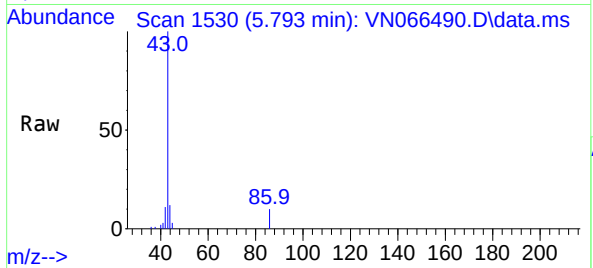
Tgt Ion: 45 Resp: 10234  
Ion Ratio Lower Upper  
45 100  
43 80.6 48.1 72.1#  
87 30.1 21.6 32.4  
59 11.3 8.9 13.3





#23  
 Vinyl Acetate  
 Concen: 4.18 ug/l  
 RT: 5.793 min Scan# 1530  
 Delta R.T. 0.003 min  
 Lab File: VN066490.D  
 Acq: 6 Apr 2021 13:06

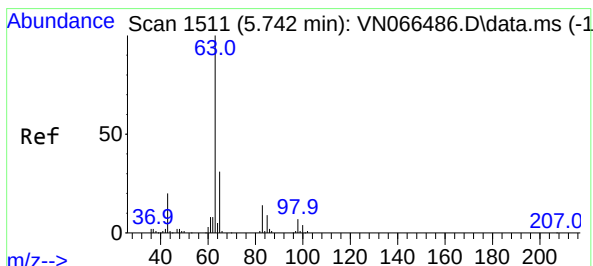
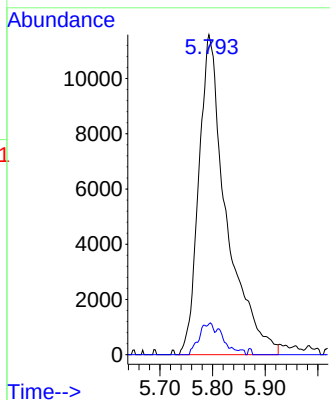
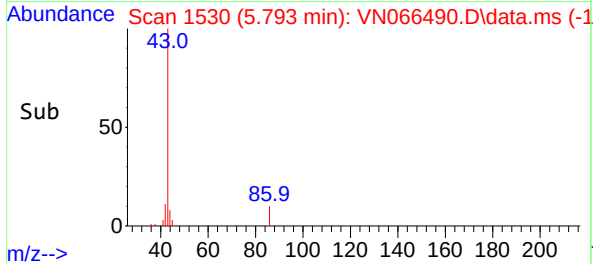
Instrument :  
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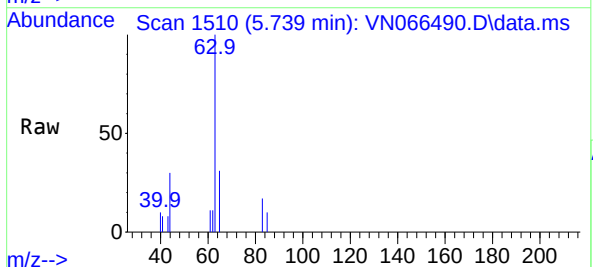
Tgt Ion: 43 Resp: 42136  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.7 11.5

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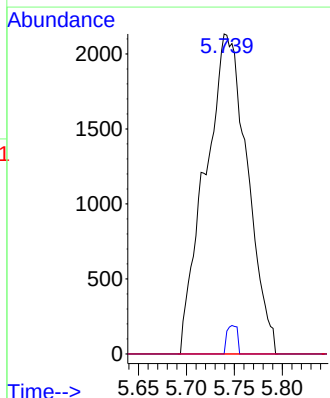
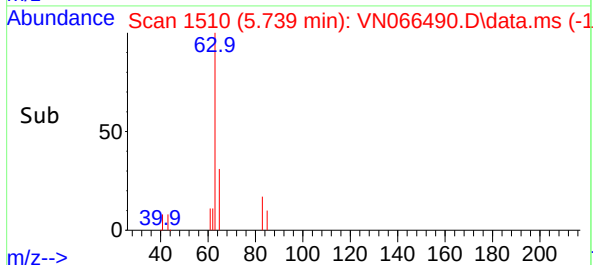
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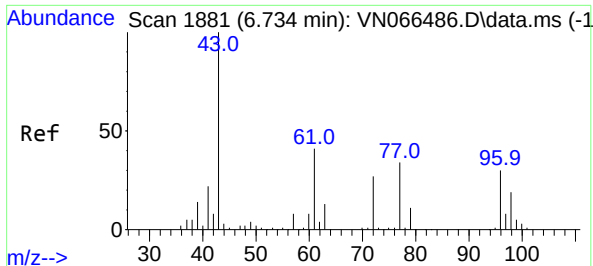


#24  
 1,1-Dichloroethane  
 Concen: 0.96 ug/l  
 RT: 5.739 min Scan# 1510  
 Delta R.T. -0.002 min  
 Lab File: VN066490.D  
 Acq: 6 Apr 2021 13:06



Tgt Ion: 63 Resp: 6518  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.4 10.1#  
 100 0.0 2.0 6.0#





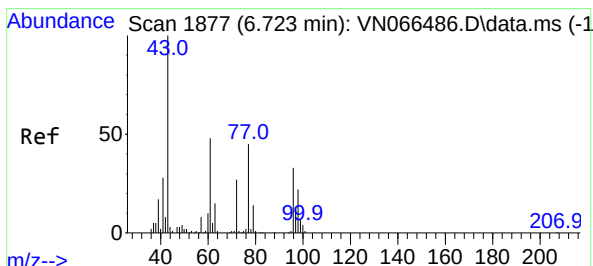
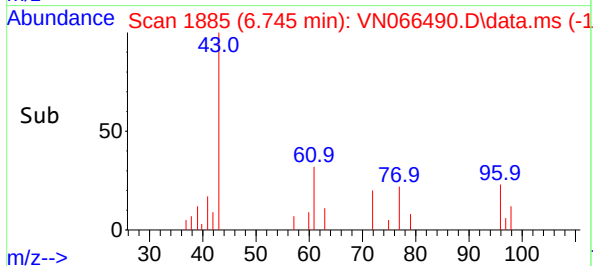
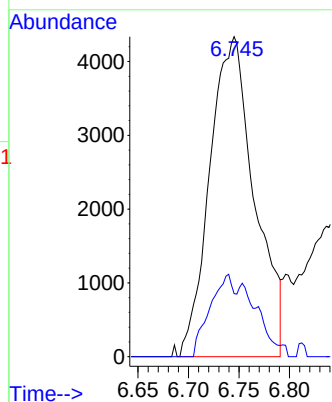
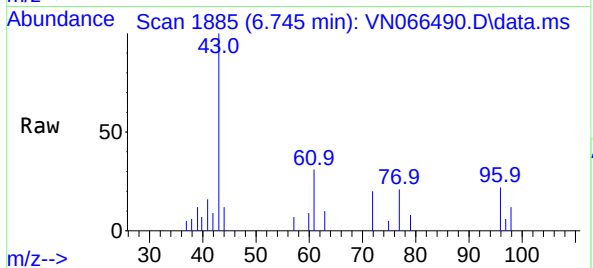
#25  
2-Butanone  
Concen: 5.01 ug/l  
RT: 6.745 min Scan# 1885  
Delta R.T. 0.011 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 43 Resp: 13364  
Ion Ratio Lower Upper  
43 100  
72 19.7 20.7 31.1#

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

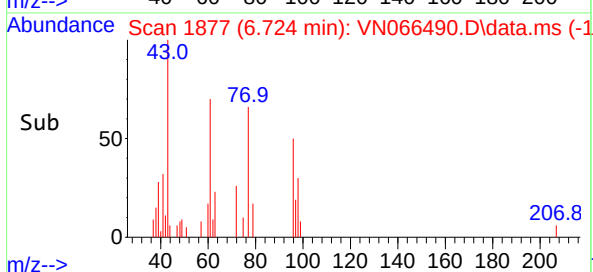
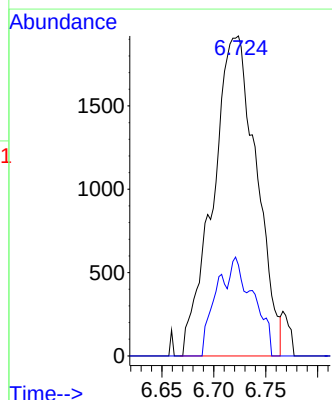
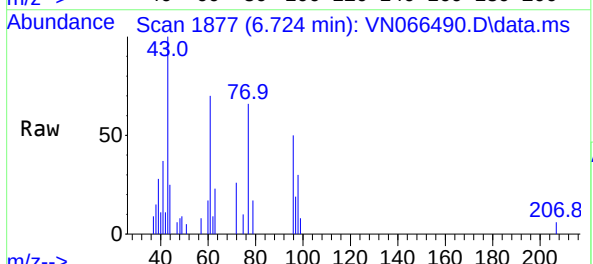
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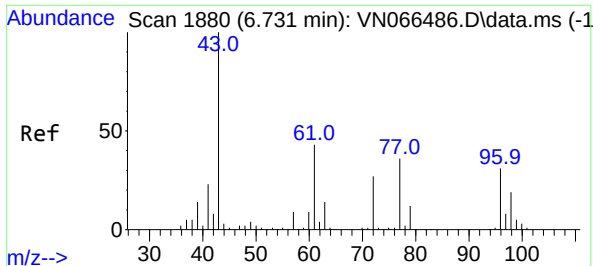
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#26  
2,2-Dichloropropane  
Concen: 0.97 ug/l  
RT: 6.724 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 77 Resp: 5598  
Ion Ratio Lower Upper  
77 100  
97 3.7 11.6 34.7#





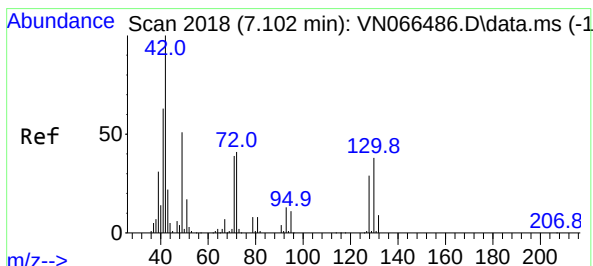
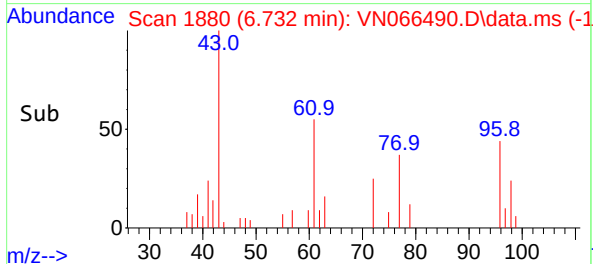
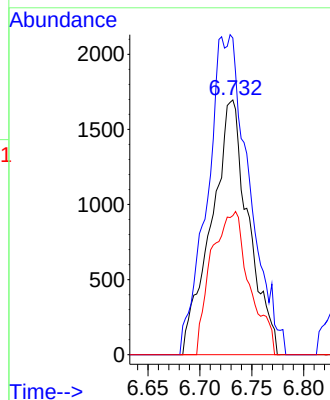
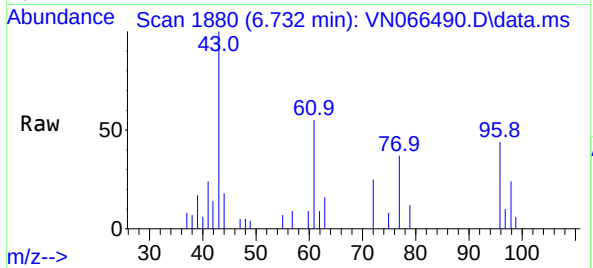
#27  
cis-1,2-Dichloroethene  
Concen: 1.13 ug/l  
RT: 6.732 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 96 Resp: 4218  
Ion Ratio Lower Upper  
96 100  
61 62.9 0.0 296.2  
98 57.7 0.0 129.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

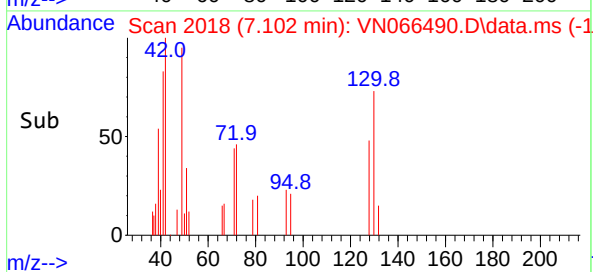
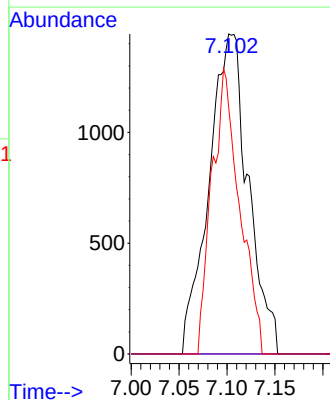
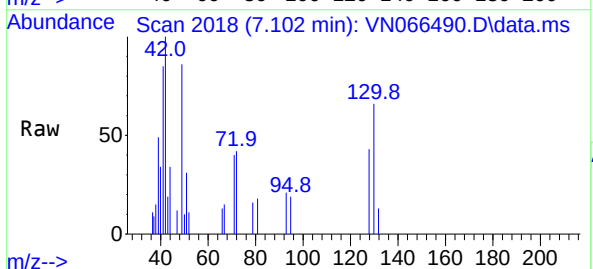
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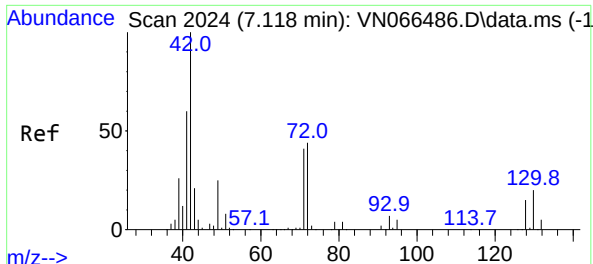
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#28  
Bromochloromethane  
Concen: 1.22 ug/l  
RT: 7.102 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 49 Resp: 4125  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.2  
130 62.8 61.6 92.4





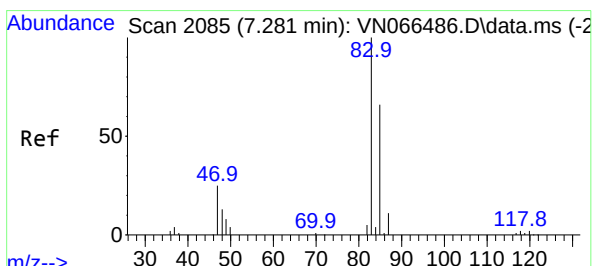
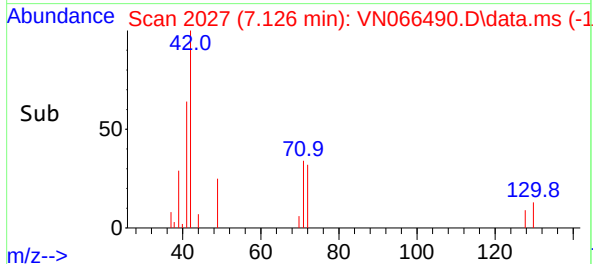
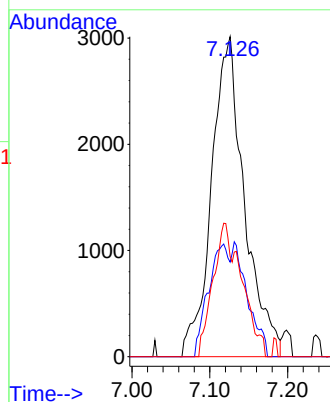
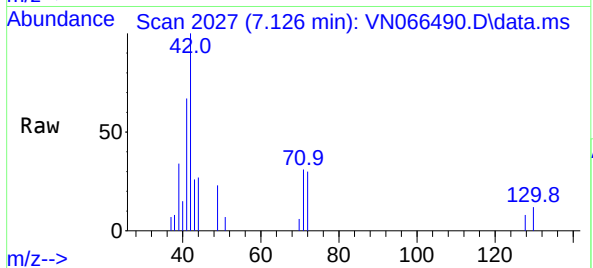
#29  
Tetrahydrofuran  
Concen: 4.86 ug/l  
RT: 7.126 min Scan# 2027  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 8833  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 22.5  | 35.2  | 52.8# |
| 71       | 22.6  | 33.1  | 49.7# |

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

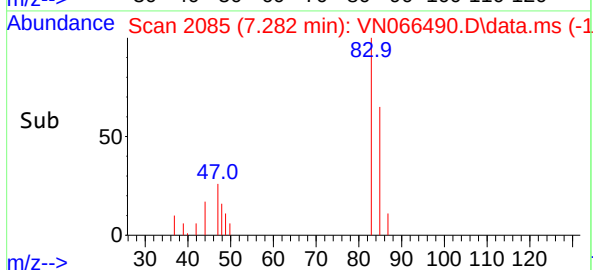
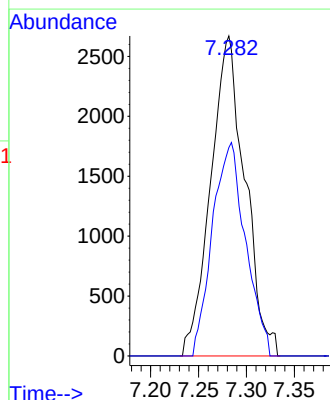
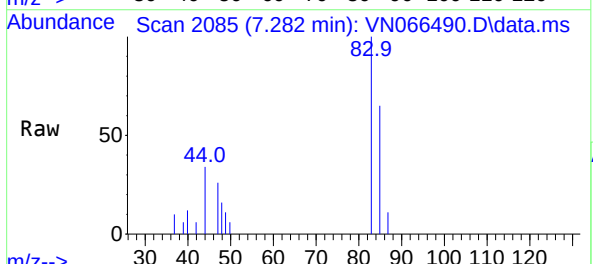
Manual Integrations  
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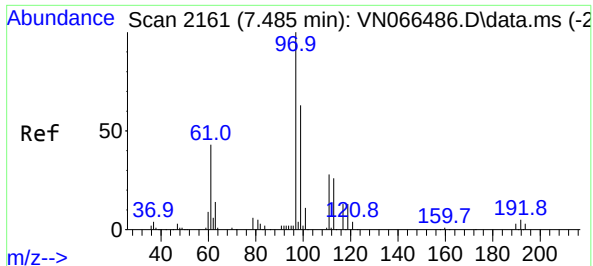


#30  
Chloroform  
Concen: 0.96 ug/l  
RT: 7.282 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 6637  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.1  | 51.3  | 76.9  |

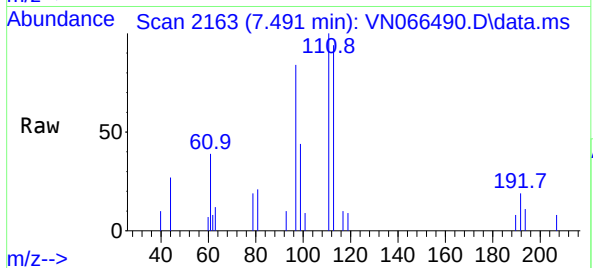






#32  
1,1,1-Trichloroethane  
Concen: 0.90 ug/l m  
RT: 7.491 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

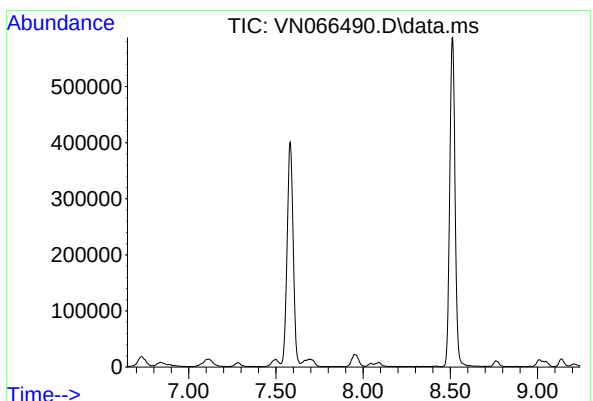
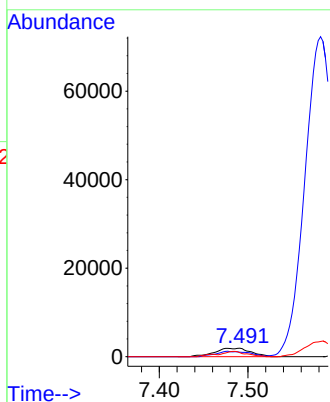
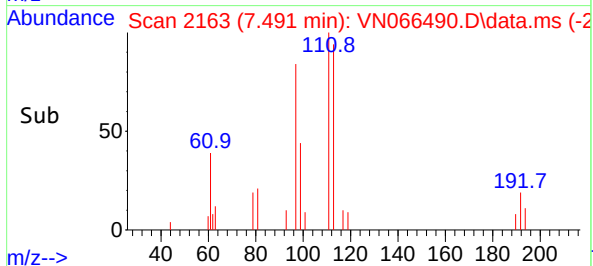
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 97 Resp: 5400  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7#  
61 38.0 36.9 55.3

Manual Integrations  
APPROVED

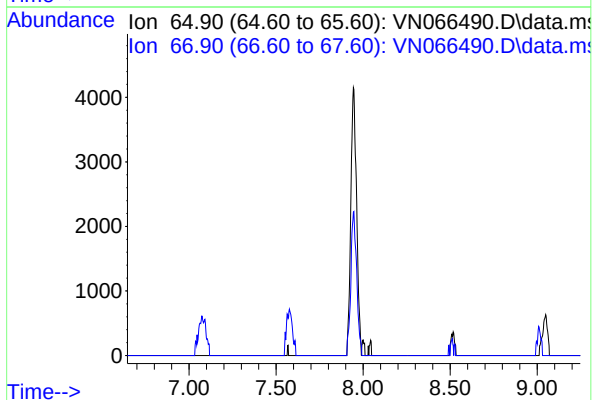
SAM  
4/7/2021 5:47:10 PM

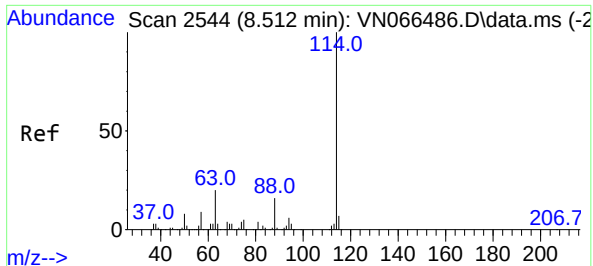


#33  
1,2-Dichloroethane-d4  
Concen: 0.00 ug/l  
Expected RT: 7.95 min

Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

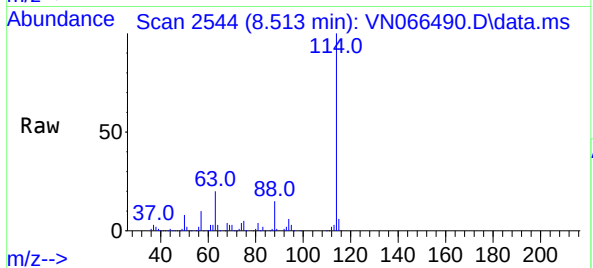
Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 52.6





#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.513 min Scan# 2544  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

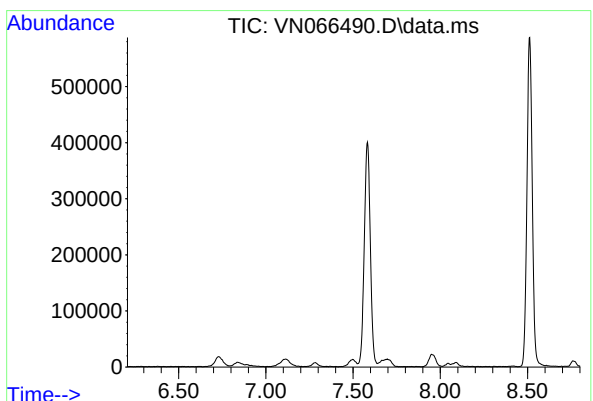
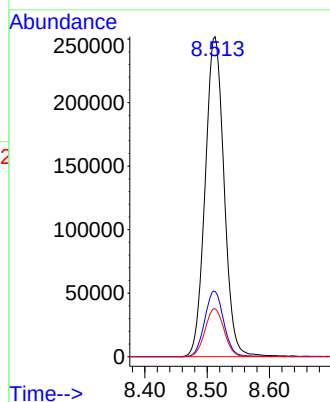
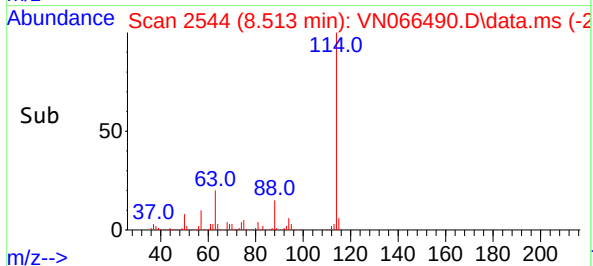
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:114 Resp: 530136  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.0  
88 15.0 0.0 31.0

Manual Integrations  
APPROVED

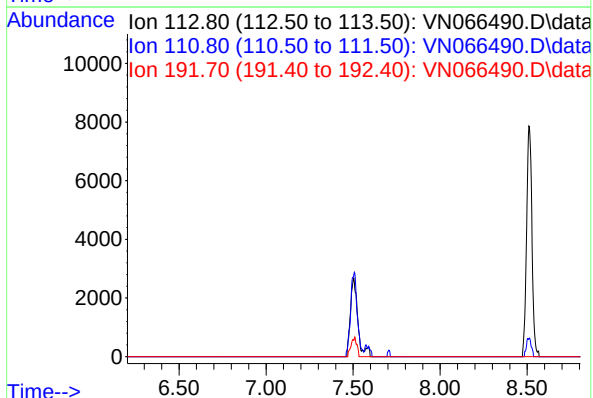
SAM  
4/7/2021 5:47:10 PM

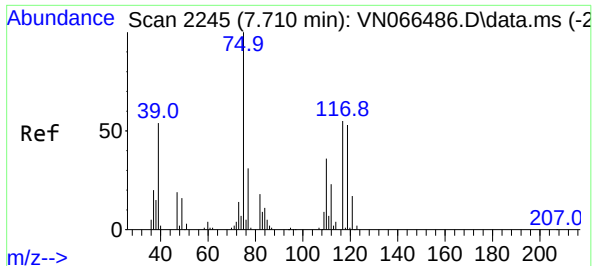


#35  
Dibromofluoromethane  
Concen: 0.00 ug/l  
Expected RT: 7.50 min

Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

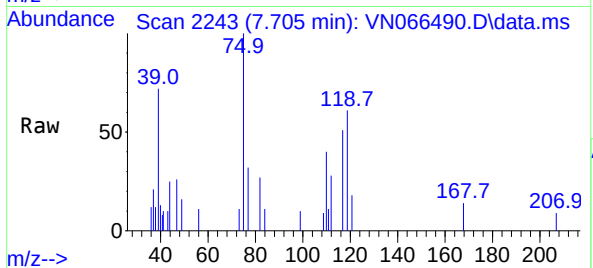
Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 102.3  
192 21.4





#36  
1,1-Dichloropropene  
Concen: 0.96 ug/l  
RT: 7.705 min Scan# 2243  
Delta R.T. -0.005 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

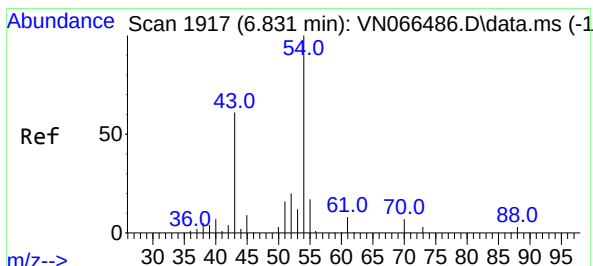
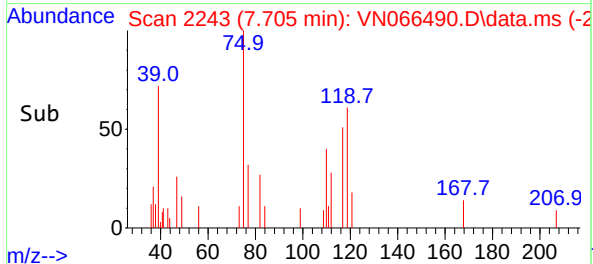
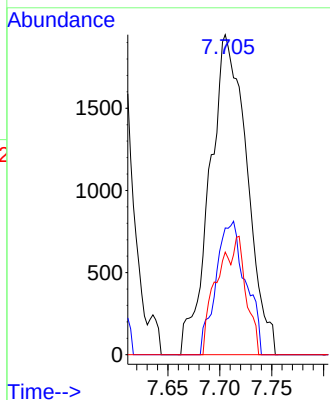
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



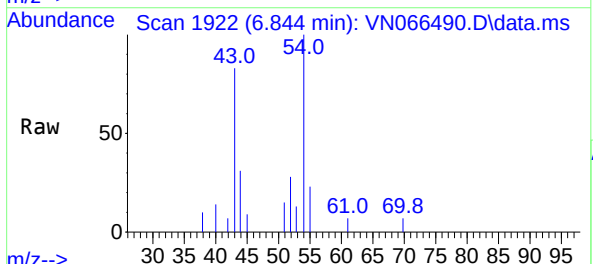
Tgt Ion: 75 Resp: 4849  
Ion Ratio Lower Upper  
75 100  
110 0.0 18.1 54.3#  
77 15.3 25.0 37.4#

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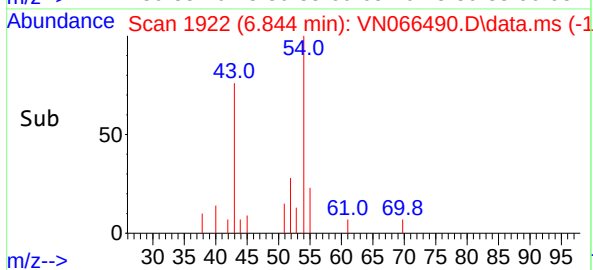
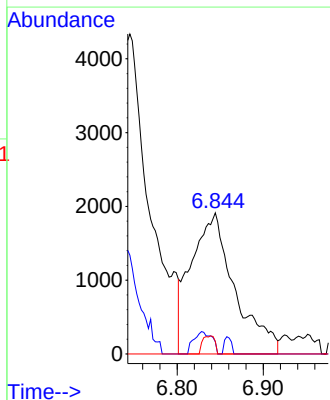
SAM  
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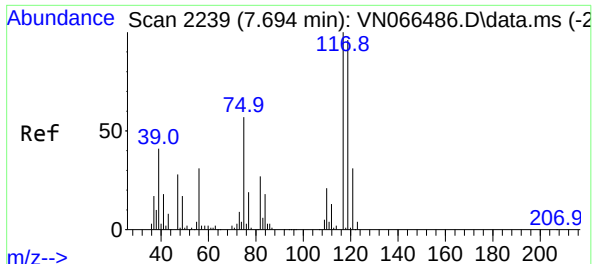


#37  
Ethyl Acetate  
Concen: 1.13 ug/l m  
RT: 6.844 min Scan# 1922  
Delta R.T. 0.014 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



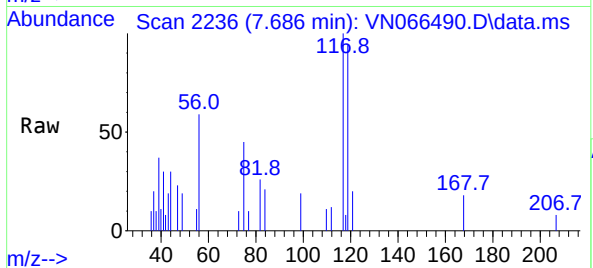
Tgt Ion: 43 Resp: 6717  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.0 12.0#





#38  
Carbon Tetrachloride  
Concen: 0.85 ug/l  
RT: 7.686 min Scan# 2236  
Delta R.T. -0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

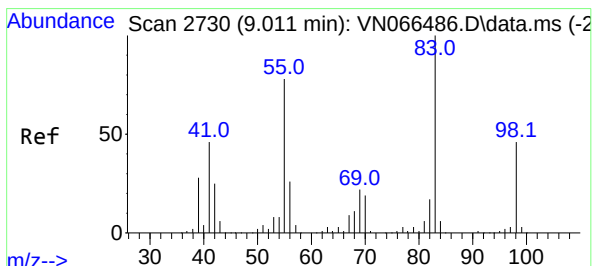
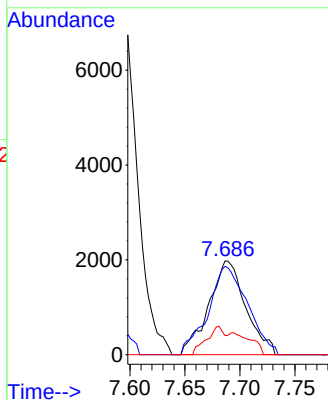
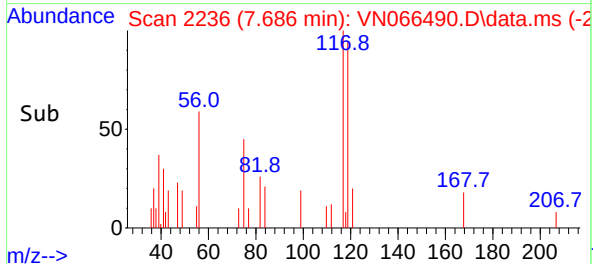
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



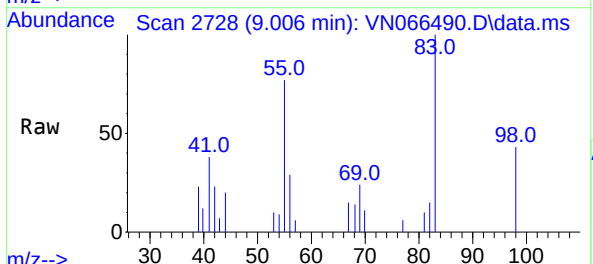
Tgt Ion: 117 Resp: 4623  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.2 115.8  
121 20.3 24.2 36.4#

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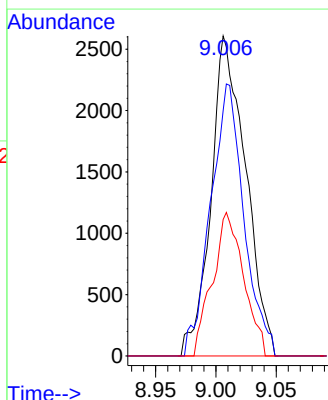
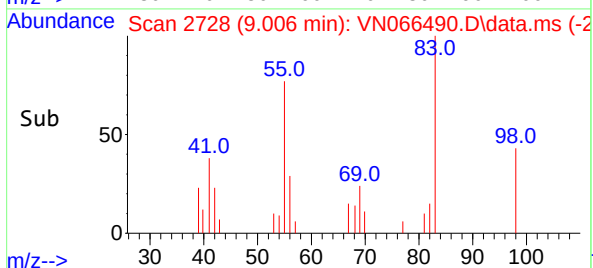
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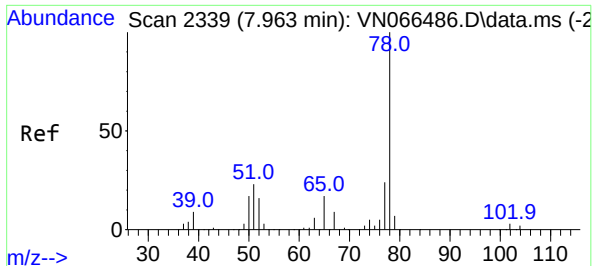


#39  
Methylcyclohexane  
Concen: 0.92 ug/l  
RT: 9.006 min Scan# 2728  
Delta R.T. -0.005 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion: 83 Resp: 5213  
Ion Ratio Lower Upper  
83 100  
55 76.7 62.3 93.5  
98 42.7 35.6 53.4





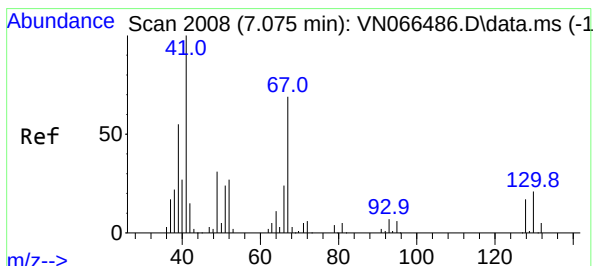
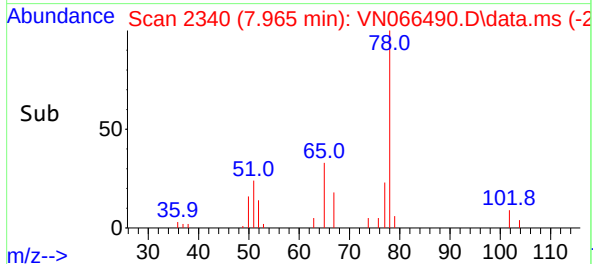
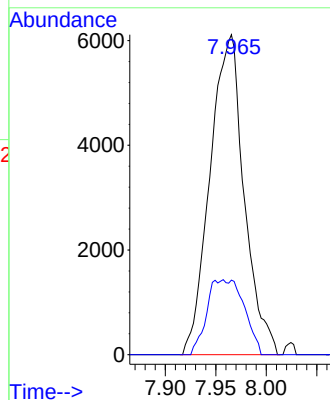
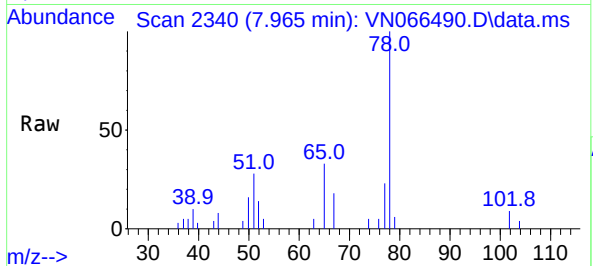
#40  
Benzene  
Concen: 0.89 ug/l  
RT: 7.965 min Scan# 2340  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 78 Resp: 14358  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.7 28.1

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

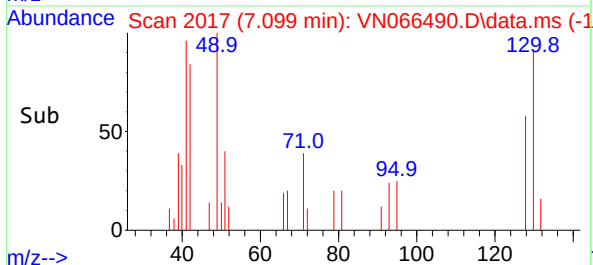
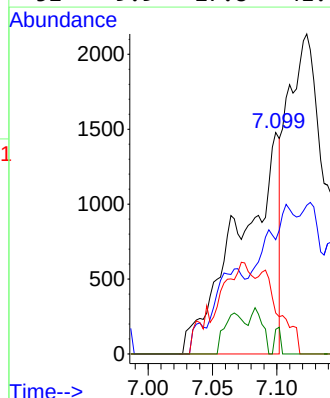
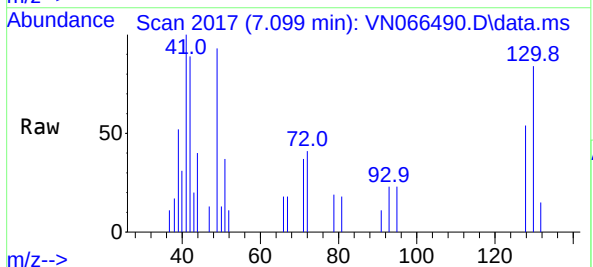
Manual Integrations  
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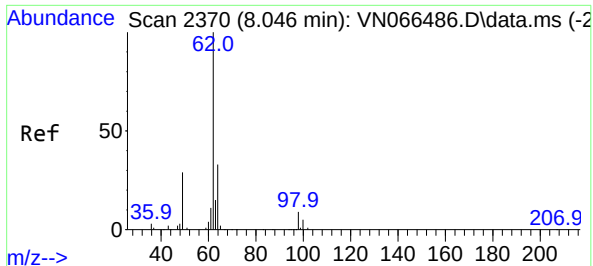
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#41  
Methacrylonitrile  
Concen: 0.87 ug/l m  
RT: 7.099 min Scan# 2017  
Delta R.T. 0.024 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 41 Resp: 3181  
Ion Ratio Lower Upper  
41 100  
39 16.8 51.7 77.5#  
67 19.1 68.5 102.7#  
52 9.9 27.8 41.6#





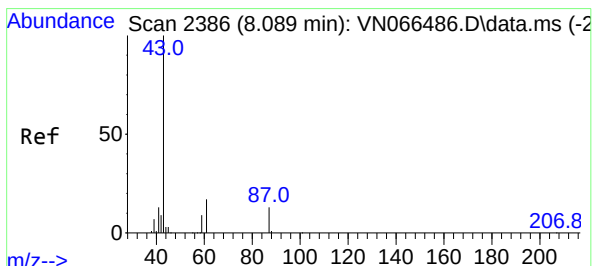
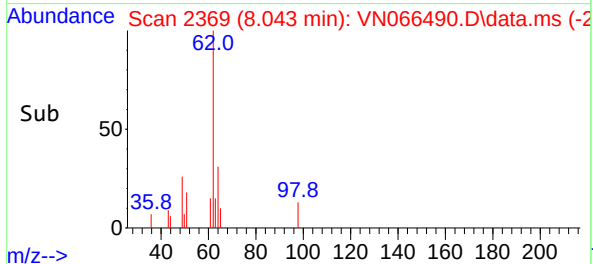
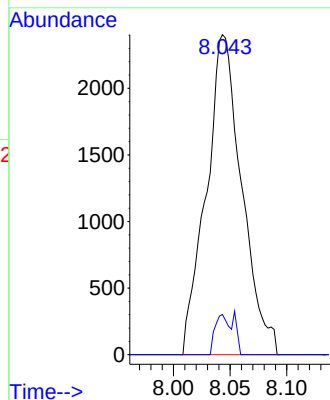
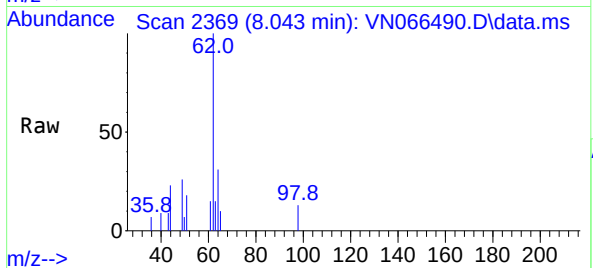
#42  
1,2-Dichloroethane  
Concen: 0.94 ug/l  
RT: 8.043 min Scan# 2369  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 62 Resp: 5245  
Ion Ratio Lower Upper  
62 100  
98 5.1 0.0 17.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

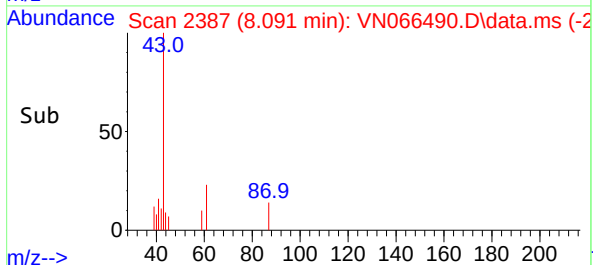
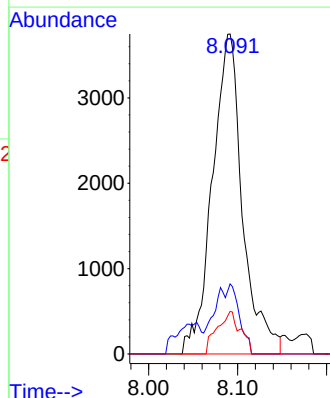
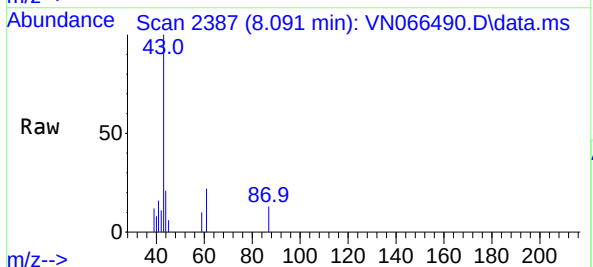
Manual Integrations  
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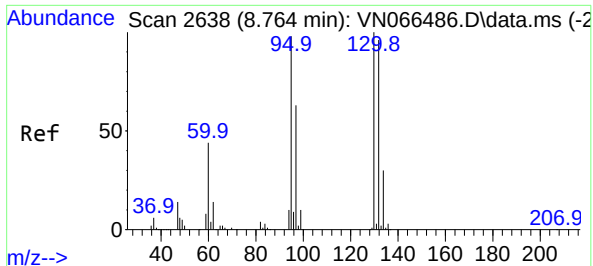
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#43  
Isopropyl Acetate  
Concen: 0.93 ug/l  
RT: 8.091 min Scan# 2387  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 43 Resp: 8802  
Ion Ratio Lower Upper  
43 100  
61 4.9 15.5 23.3#  
87 10.3 10.5 15.7#





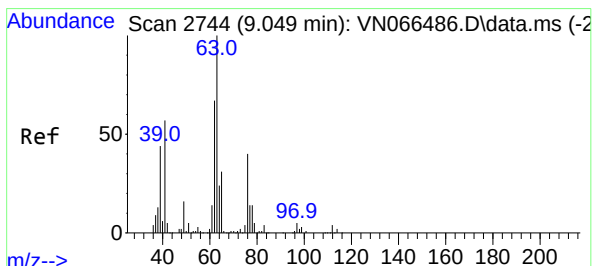
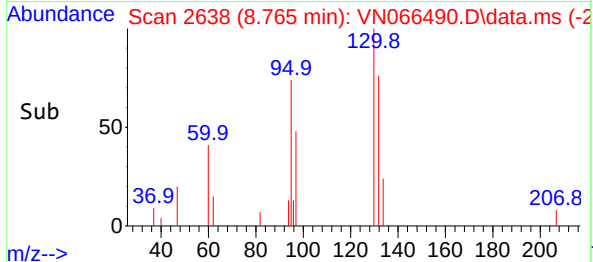
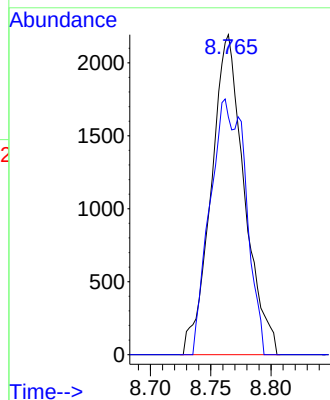
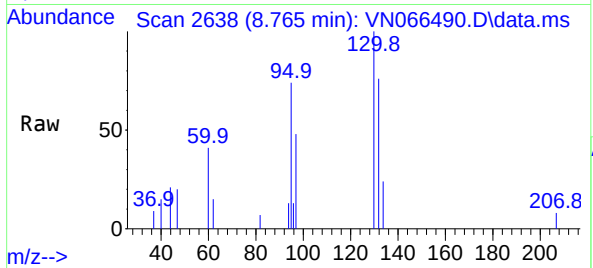
#44  
Trichloroethene  
Concen: 1.03 ug/l  
RT: 8.765 min Scan# 2638  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 130 Resp: 4189  
Ion Ratio Lower Upper  
130 100  
95 74.3 0.0 200.6

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

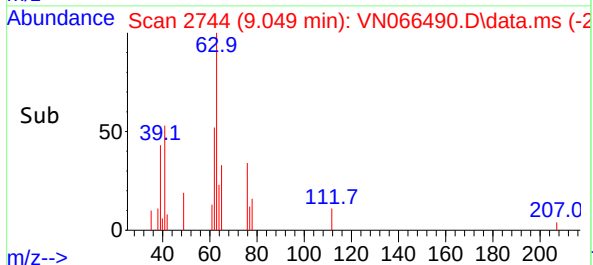
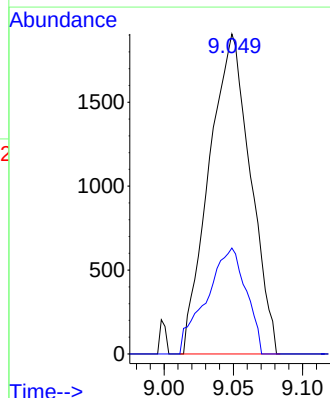
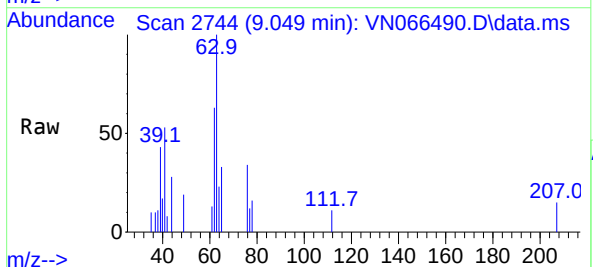
Manual Integrations  
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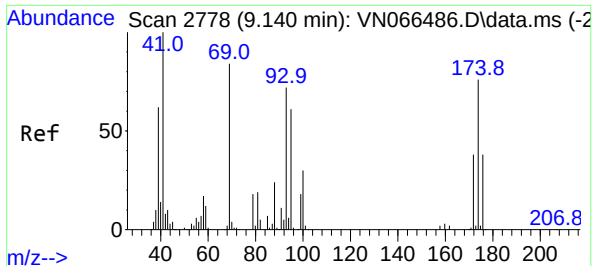
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#45  
1,2-Dichloropropane  
Concen: 0.91 ug/l  
RT: 9.049 min Scan# 2744  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

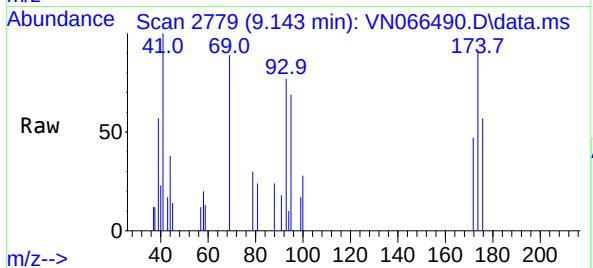
Tgt Ion: 63 Resp: 3952  
Ion Ratio Lower Upper  
63 100  
65 33.1 25.5 38.3





#46  
Dibromomethane  
Concen: 0.83 ug/l  
RT: 9.143 min Scan# 2779  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

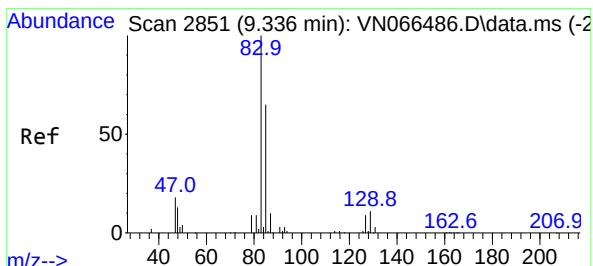
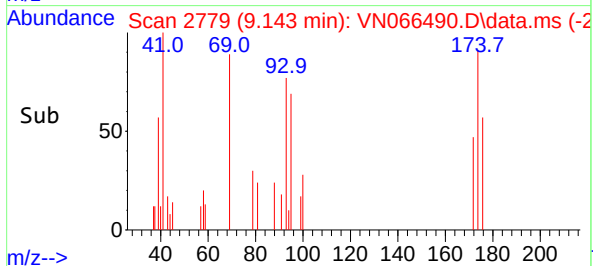
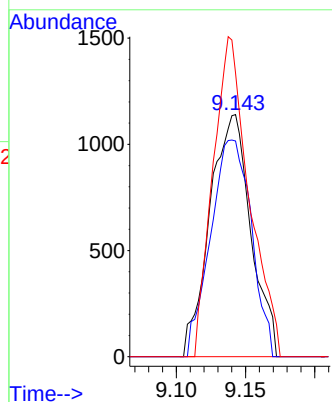


Tgt Ion: 93 Resp: 2348

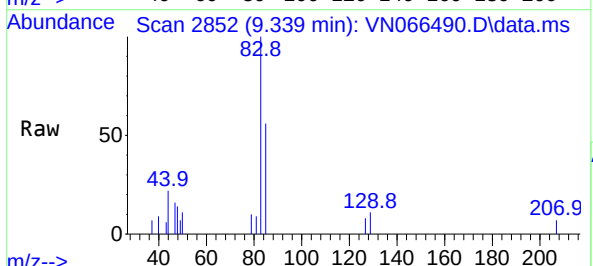
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 88.8  | 66.8  | 100.2 |
| 174 | 116.6 | 83.2  | 124.8 |

Manual Integrations  
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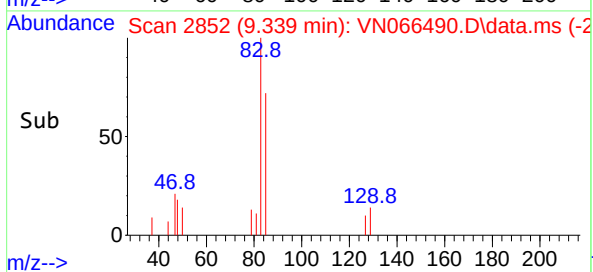
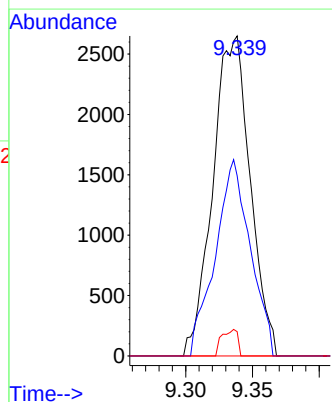


#47  
Bromodichloromethane  
Concen: 0.90 ug/l  
RT: 9.339 min Scan# 2852  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

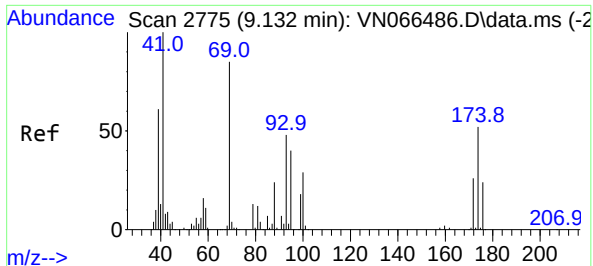


Tgt Ion: 83 Resp: 5157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 56.3  | 49.4  | 74.2  |
| 127 | 7.6   | 6.7   | 10.1  |







#48

Methyl methacrylate

Concen: 0.94 ug/l

RT: 9.132 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VN066490.D

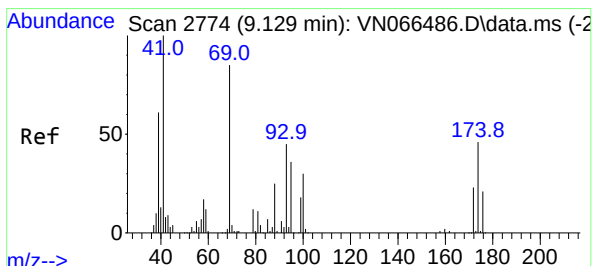
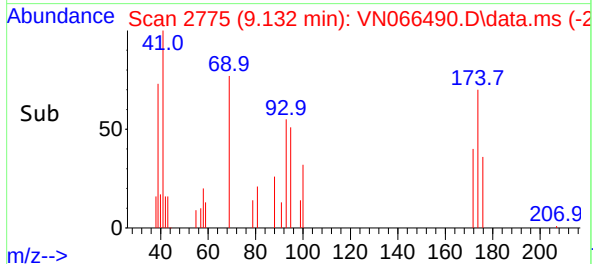
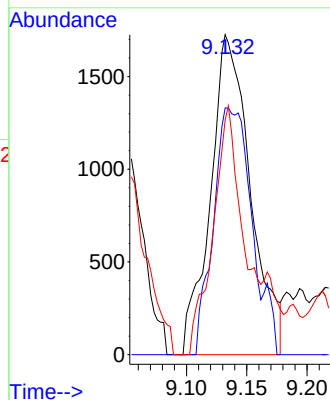
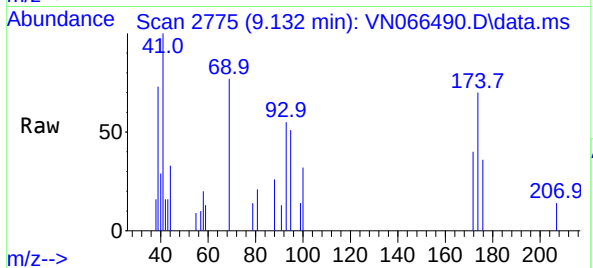
Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 3994  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 69.2  | 66.2  | 99.4  |
| 39       | 58.0  | 51.5  | 77.3  |

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

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#49

1,4-Dioxane

Concen: 16.39 ug/l

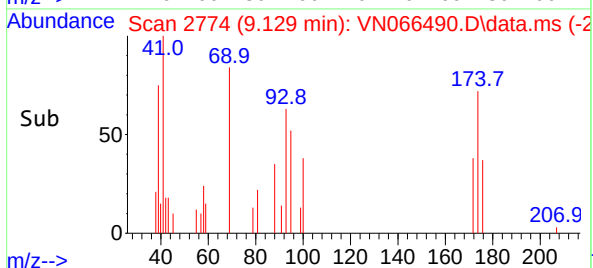
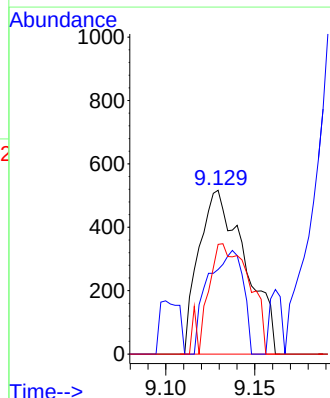
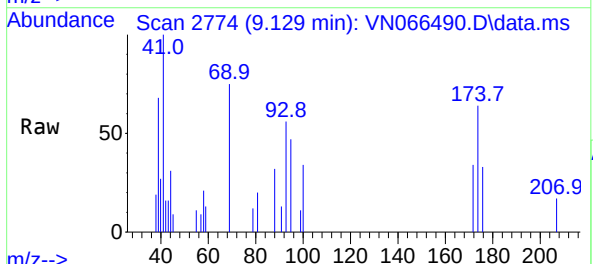
RT: 9.129 min Scan# 2774

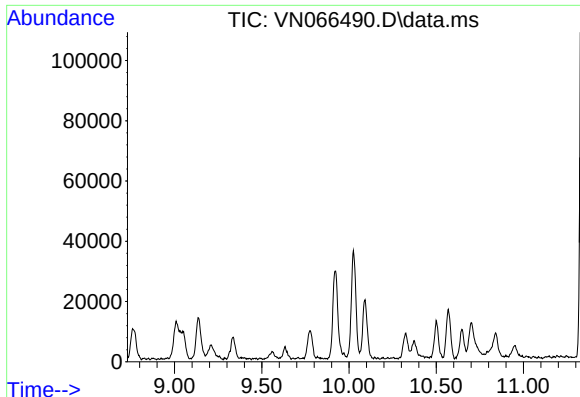
Delta R.T. 0.000 min

Lab File: VN066490.D

Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 942   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 47.7  | 28.2  | 42.4# |
| 58       | 60.0  | 56.6  | 84.8  |





#50  
Toluene-d8  
Concen: 0.00 ug/l  
Expected RT: 10.03 min

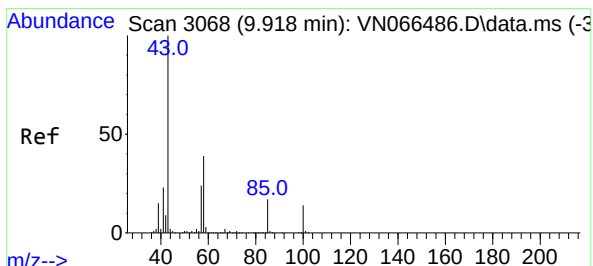
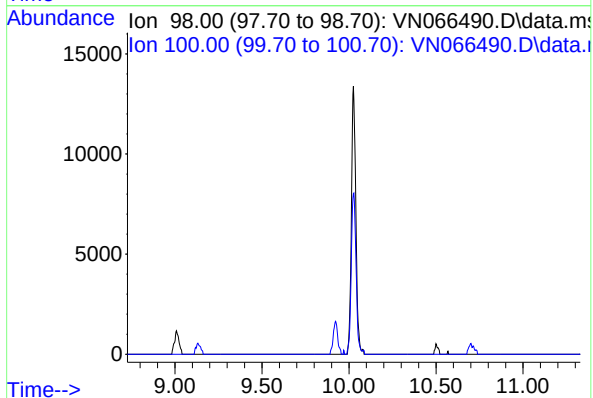
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 63.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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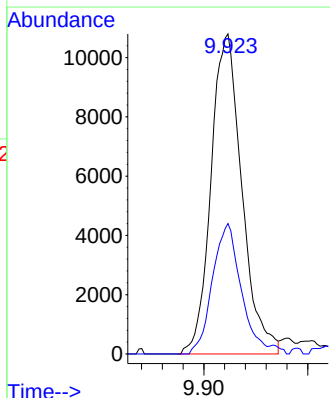
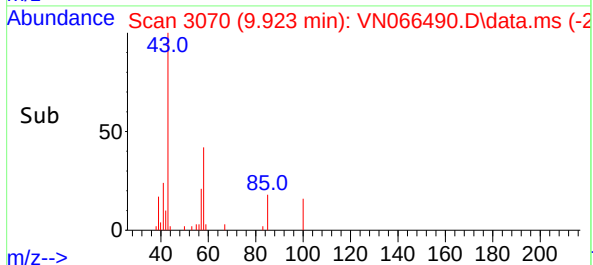
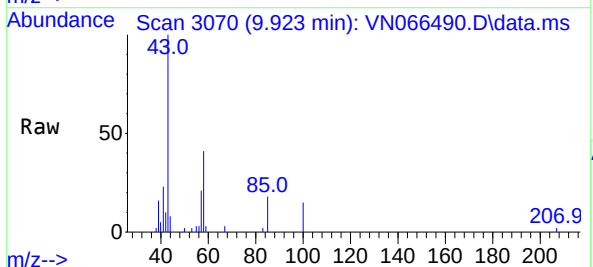
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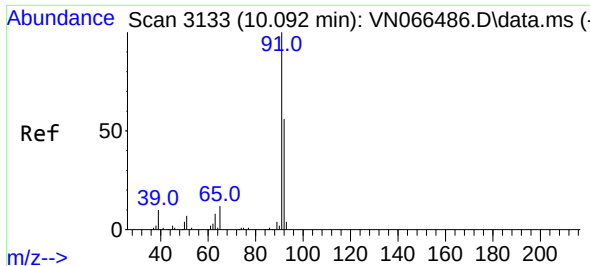
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#51  
4-Methyl-2-Pentanone  
Concen: 3.90 ug/l  
RT: 9.923 min Scan# 3070  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 43 Resp: 22286  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.8 46.2





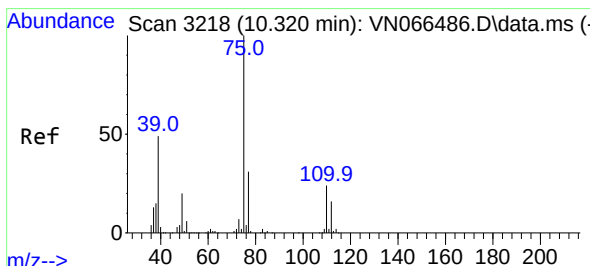
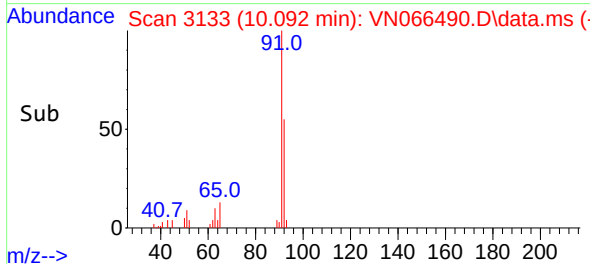
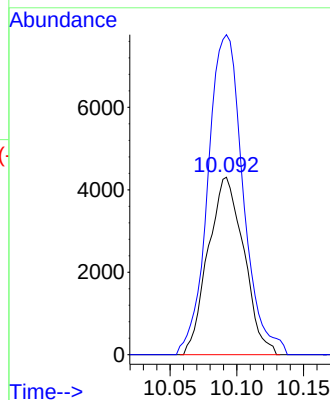
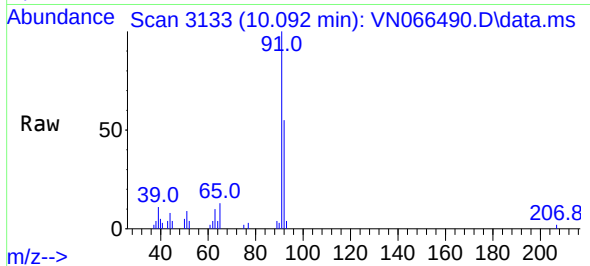
#52  
Toluene  
Concen: 0.82 ug/l  
RT: 10.092 min Scan# 3133  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 92 Resp: 8026  
Ion Ratio Lower Upper  
92 100  
91 177.6 138.8 208.2

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

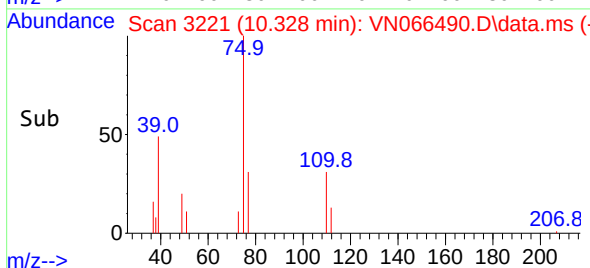
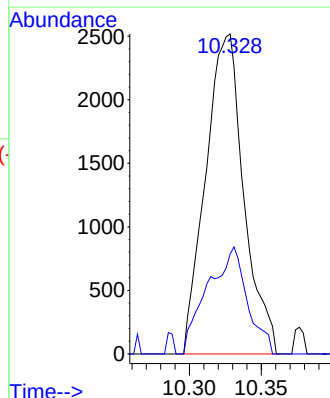
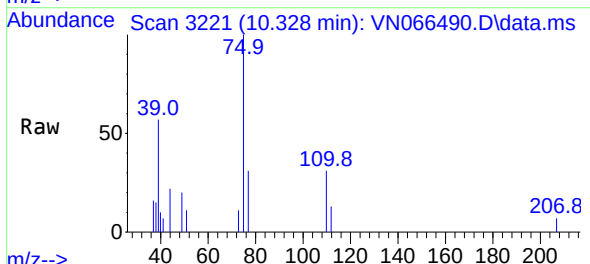
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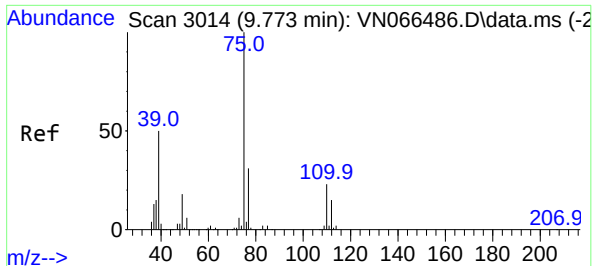
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#53  
t-1,3-Dichloropropene  
Concen: 0.78 ug/l  
RT: 10.328 min Scan# 3221  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

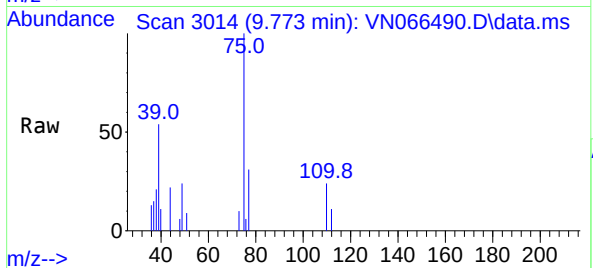
Tgt Ion: 75 Resp: 4643  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.0 37.6





#54  
cis-1,3-Dichloropropene  
Concen: 0.91 ug/l  
RT: 9.773 min Scan# 3014  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

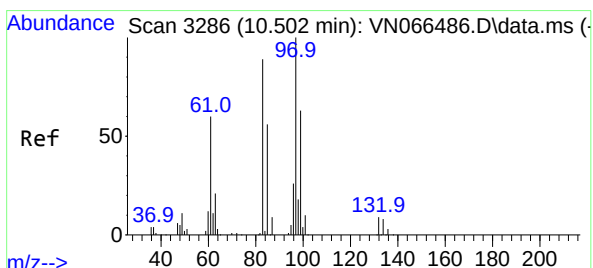
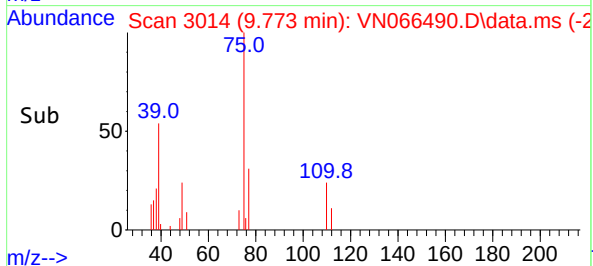
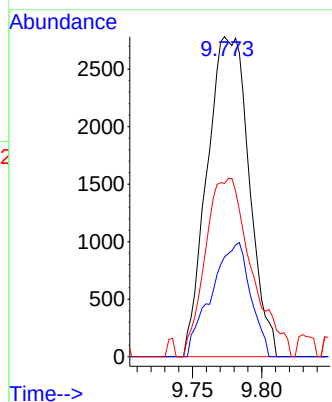
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5861  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.2  | 25.4  | 38.2  |
| 39       | 54.2  | 44.2  | 66.4  |

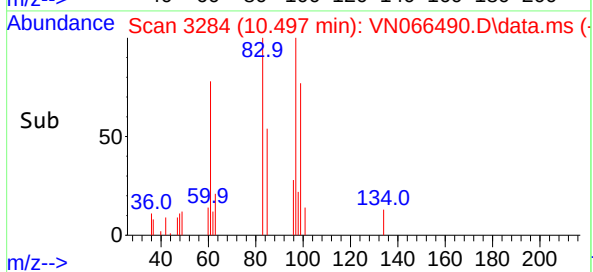
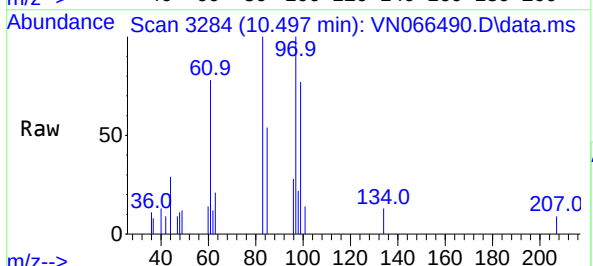
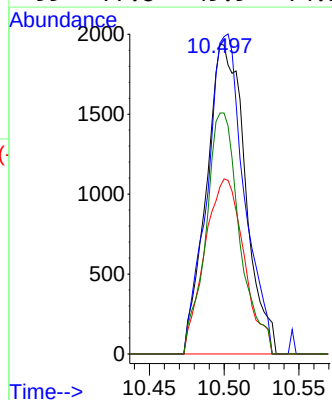
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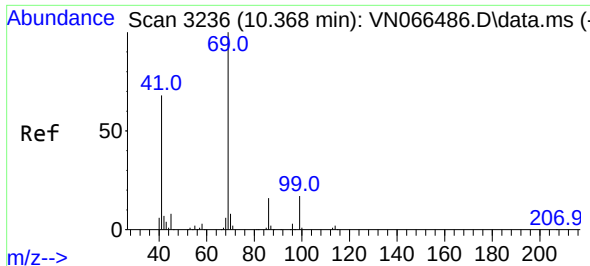
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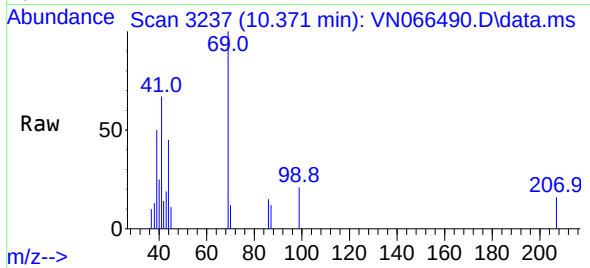
#55  
1,1,2-Trichloroethane  
Concen: 0.87 ug/l  
RT: 10.497 min Scan# 3284  
Delta R.T. -0.005 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 3509  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 100.4 | 68.9  | 103.3 |
| 85       | 54.0  | 45.1  | 67.7  |
| 99       | 77.8  | 49.9  | 74.9  |

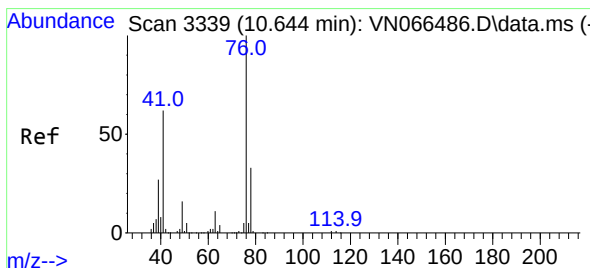
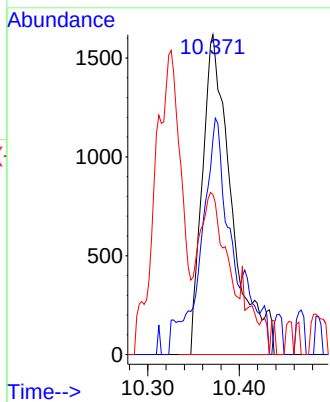
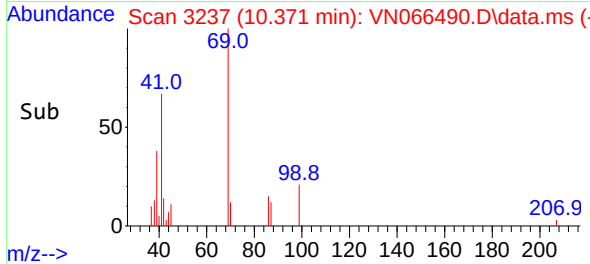




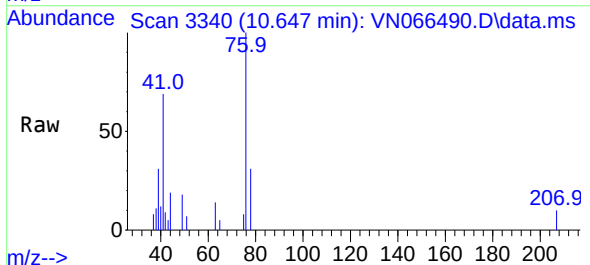
#56  
Ethyl methacrylate  
Concen: 0.69 ug/l m  
RT: 10.371 min Scan# 3237  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



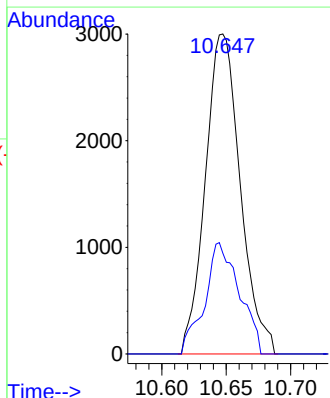
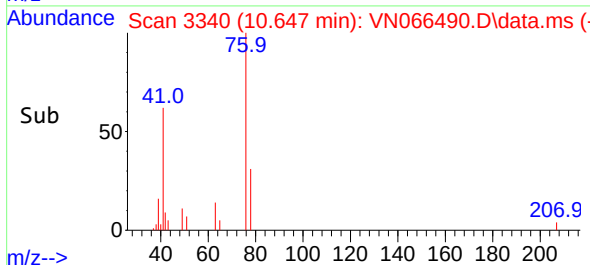
Tgt Ion: 69 Resp: 3596  
Ion Ratio Lower Upper  
69 100  
41 51.1 55.3 82.9#  
39 29.1 33.8 50.6#



#57  
1,3-Dichloropropane  
Concen: 0.86 ug/l  
RT: 10.647 min Scan# 3340  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



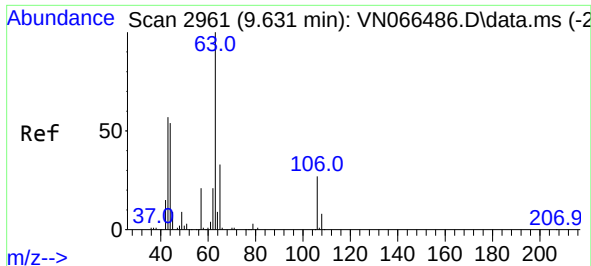
Tgt Ion: 76 Resp: 5663  
Ion Ratio Lower Upper  
76 100  
78 34.6 25.9 38.9



Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

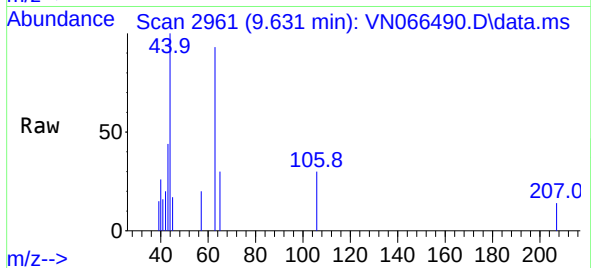
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#58  
2-Chloroethyl Vinyl ether  
Concen: 2.46 ug/l  
RT: 9.631 min Scan# 2961  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

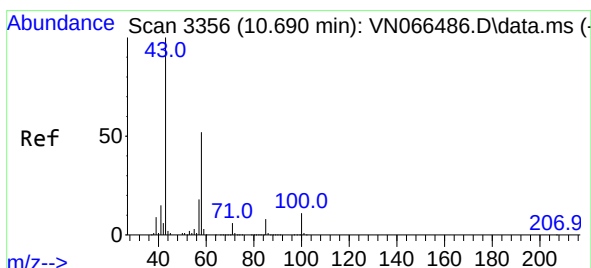
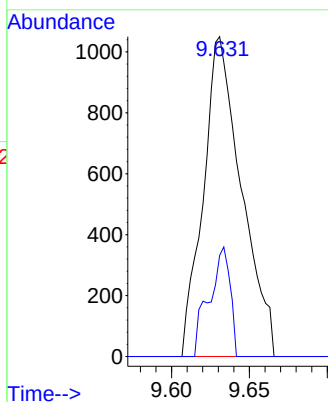
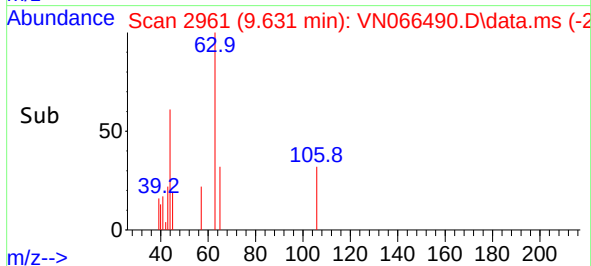
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



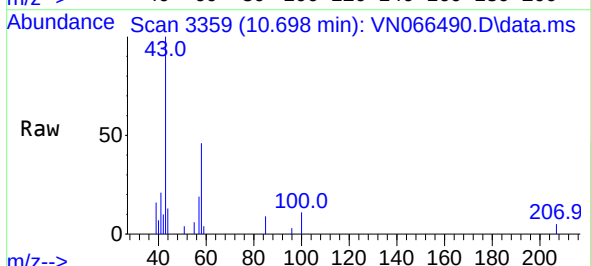
Tgt Ion: 63 Resp: 1787  
Ion Ratio Lower Upper  
63 100  
106 18.8 21.0 31.4#

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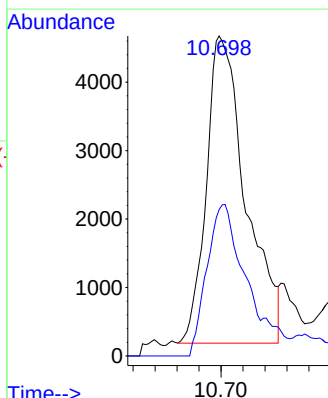
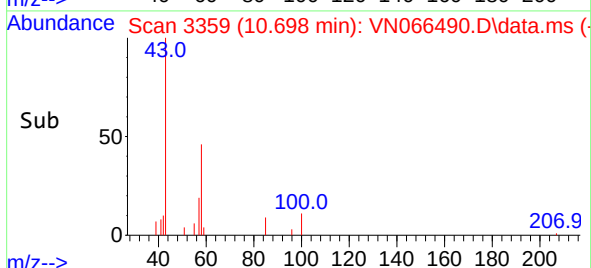
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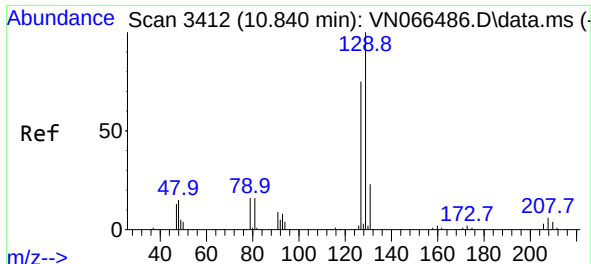


#59  
2-Hexanone  
Concen: 3.08 ug/l  
RT: 10.698 min Scan# 3359  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

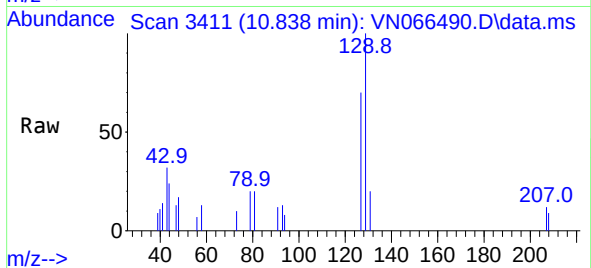


Tgt Ion: 43 Resp: 11196  
Ion Ratio Lower Upper  
43 100  
58 50.4 26.6 79.8

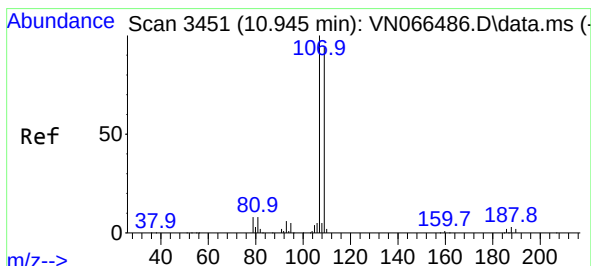
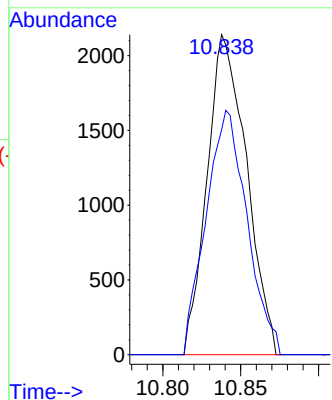
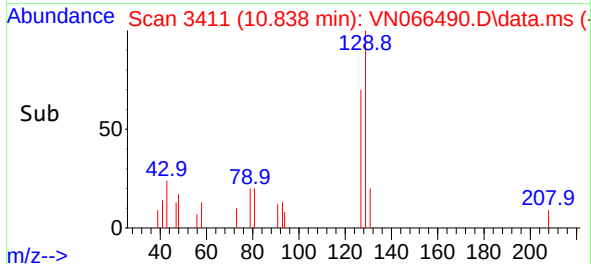




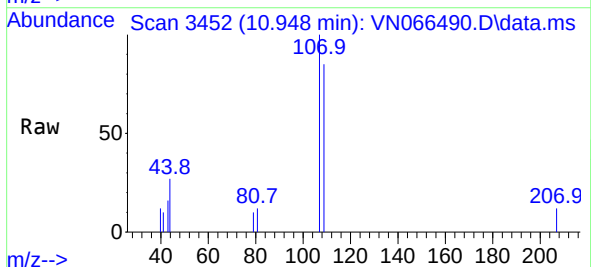
#60  
Dibromochloromethane  
Concen: 0.84 ug/l  
RT: 10.838 min Scan# 3411  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



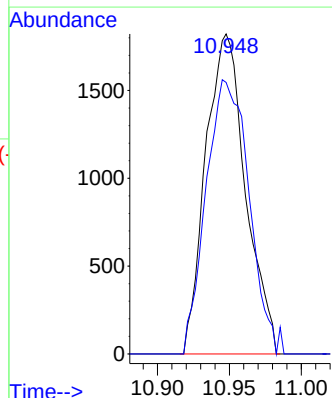
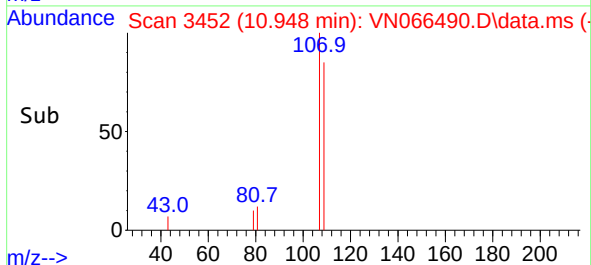
Tgt Ion:129 Resp: 3767  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.5 115.5



#61  
1,2-Dibromoethane  
Concen: 0.86 ug/l  
RT: 10.948 min Scan# 3452  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



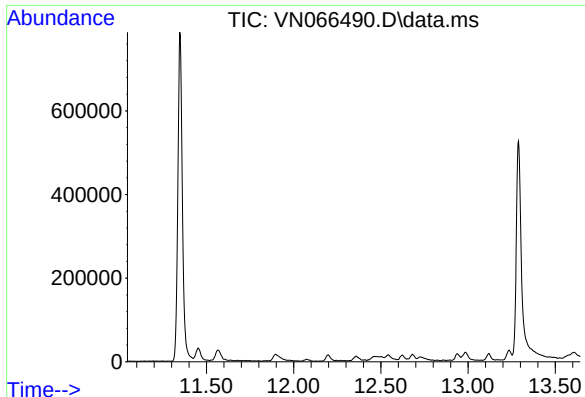
Tgt Ion:107 Resp: 3516  
Ion Ratio Lower Upper  
107 100  
109 92.2 75.4 113.2



Instrument :  
MSVOA\_N  
ClientSampleId :  
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#62  
4-Bromofluorobenzene  
Concen: 0.00 ug/l  
Expected RT: 12.34 min

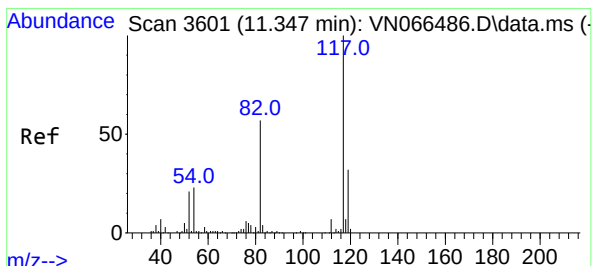
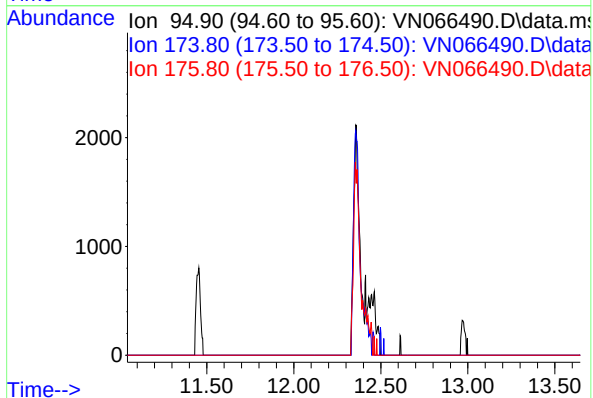
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 86.1  
176 83.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

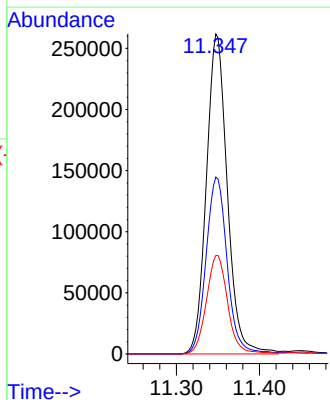
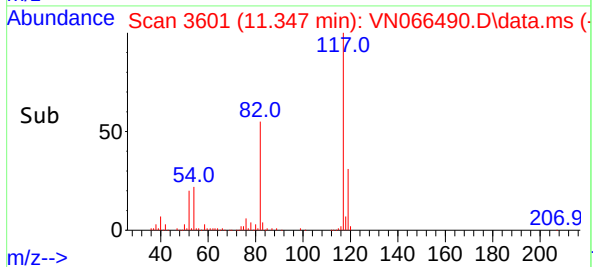
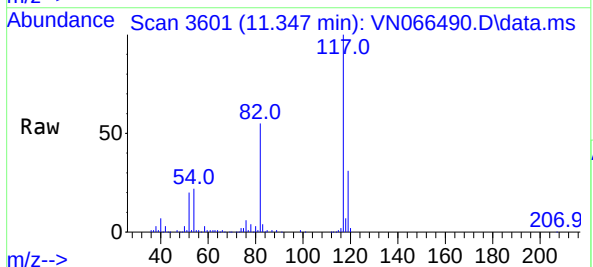
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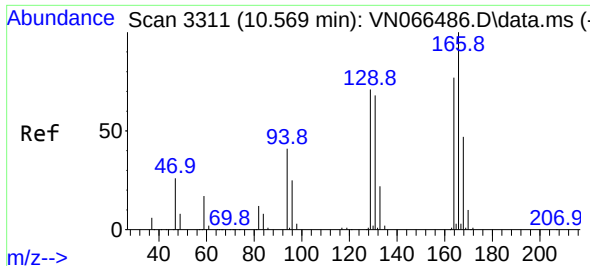


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 117 Resp: 457954  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.2 66.4  
119 30.8 25.8 38.6

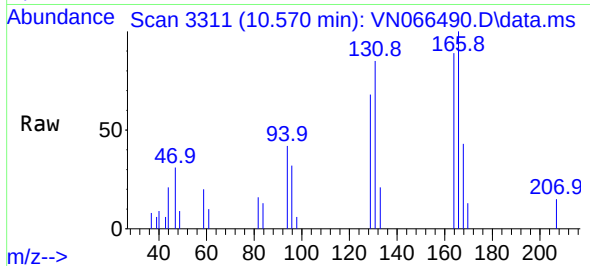






#64  
Tetrachloroethene  
Concen: 1.06 ug/l  
RT: 10.570 min Scan# 3311  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

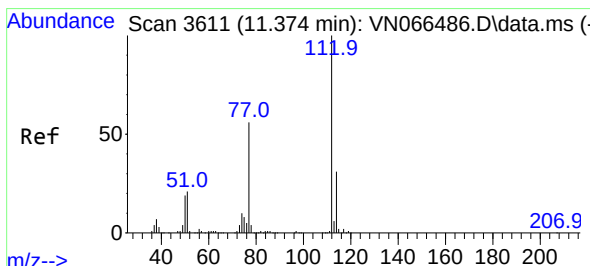
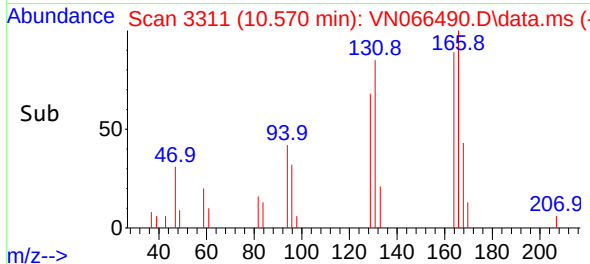
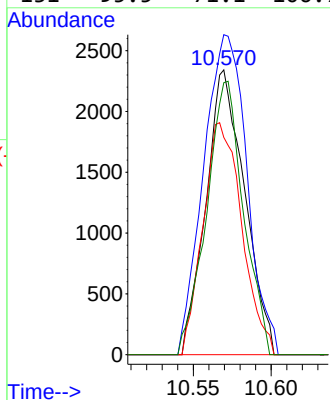


Tgt Ion:164 Resp: 4051

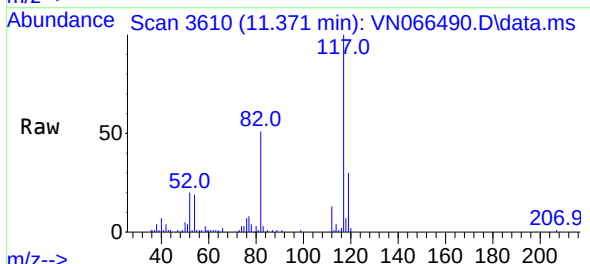
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 112.4 | 103.3 | 154.9 |
| 129 | 76.3  | 72.5  | 108.7 |
| 131 | 95.5  | 71.1  | 106.7 |

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SAM  
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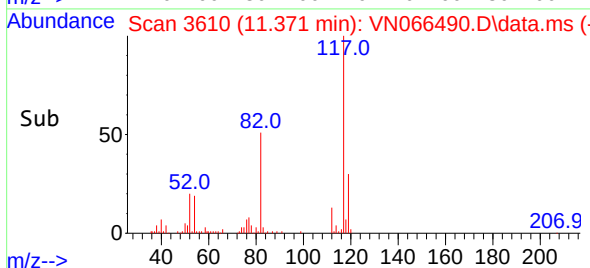
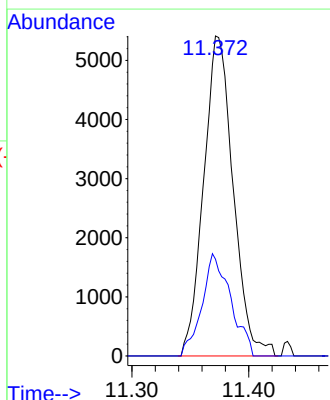


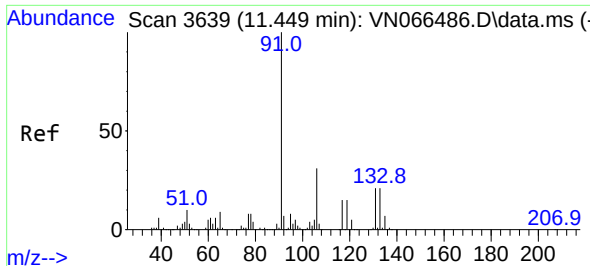
#65  
Chlorobenzene  
Concen: 0.99 ug/l  
RT: 11.371 min Scan# 3610  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion:112 Resp: 9501

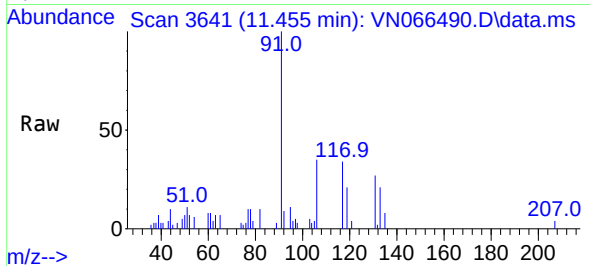
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 30.2  | 25.7  | 38.5  |





#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.87 ug/l  
RT: 11.455 min Scan# 3641  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

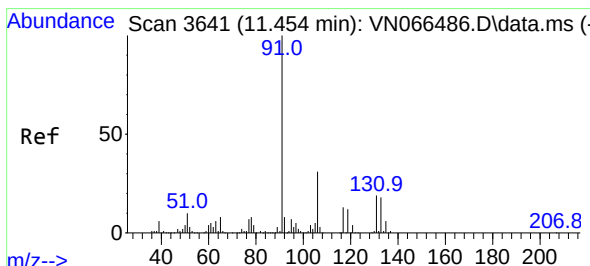
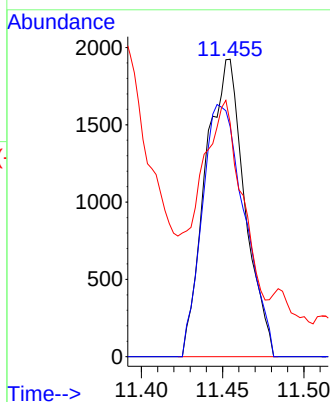
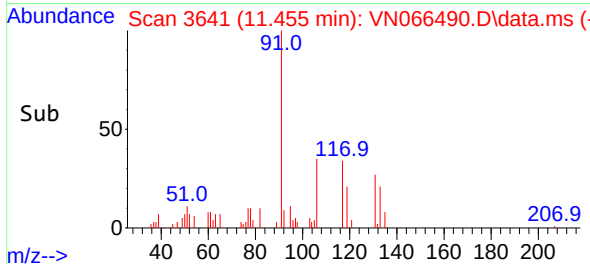
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



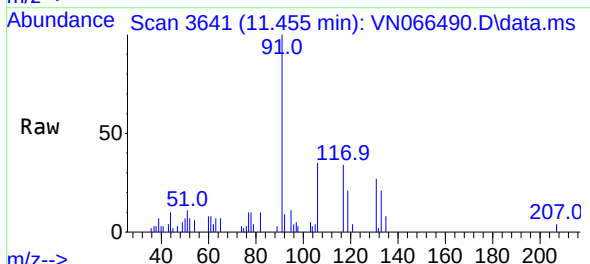
Tgt Ion:131 Resp: 3223  
Ion Ratio Lower Upper  
131 100  
133 91.9 47.6 142.8  
119 0.0 33.6 100.6#

Manual Integrations  
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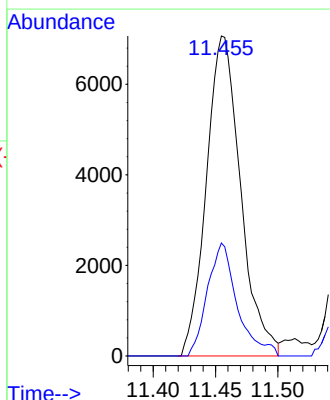
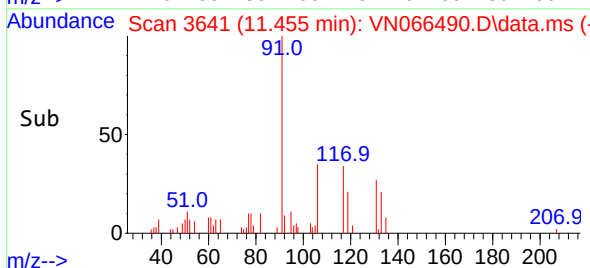
SAM  
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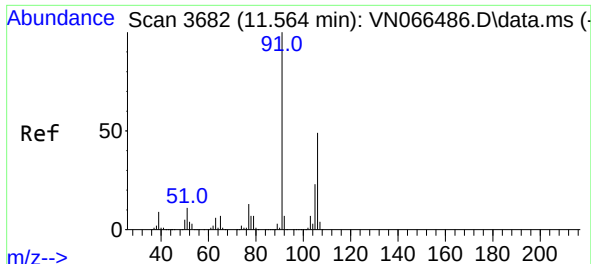


#67  
Ethyl Benzene  
Concen: 0.84 ug/l  
RT: 11.455 min Scan# 3641  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion: 91 Resp: 13516  
Ion Ratio Lower Upper  
91 100  
106 35.3 24.7 37.1





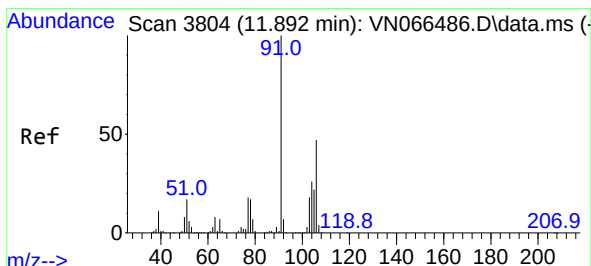
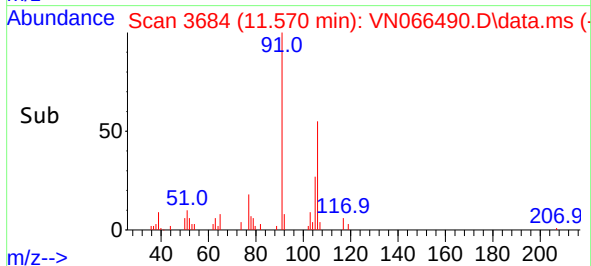
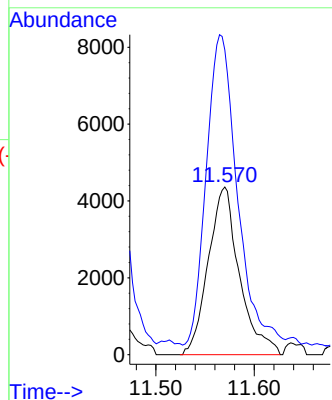
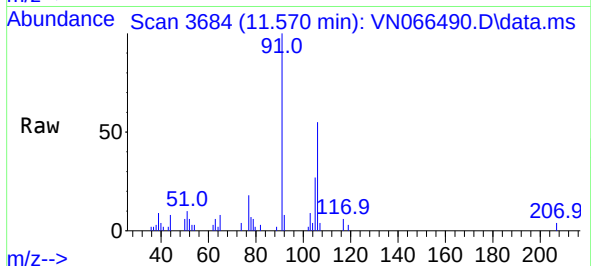
#68  
m/p-Xylenes  
Concen: 1.60 ug/l  
RT: 11.570 min Scan# 3684  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion:106 Resp: 9612  
Ion Ratio Lower Upper  
106 100  
91 182.9 162.7 244.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

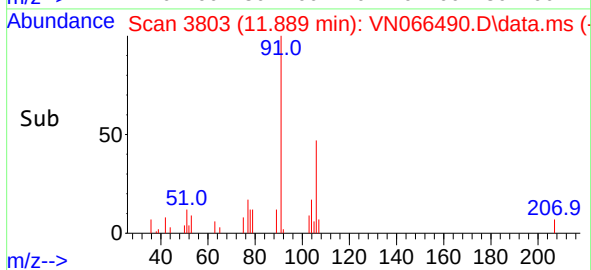
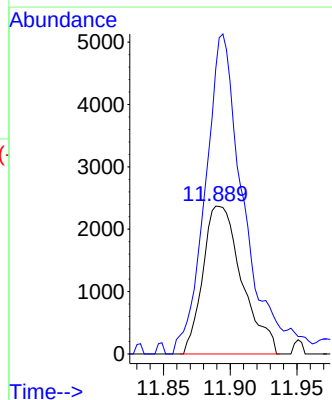
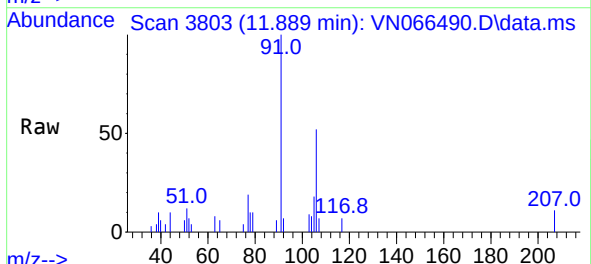
Manual Integrations  
APPROVED

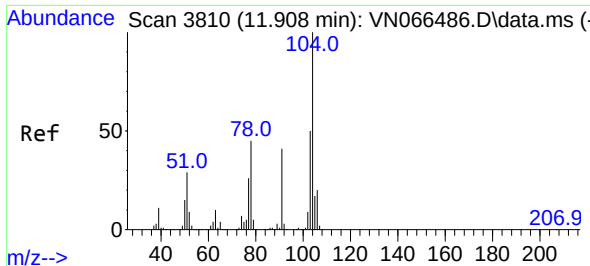
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#69  
o-Xylene  
Concen: 0.83 ug/l  
RT: 11.889 min Scan# 3803  
Delta R.T. -0.002 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

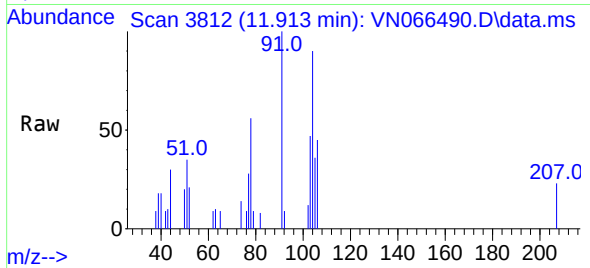
Tgt Ion:106 Resp: 4808  
Ion Ratio Lower Upper  
106 100  
91 215.4 107.1 321.4





#70  
Styrene  
Concen: 0.74 ug/l m  
RT: 11.913 min Scan# 3812  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

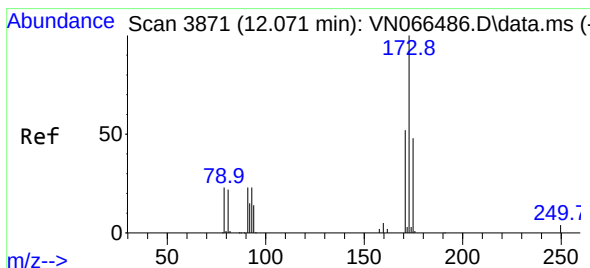
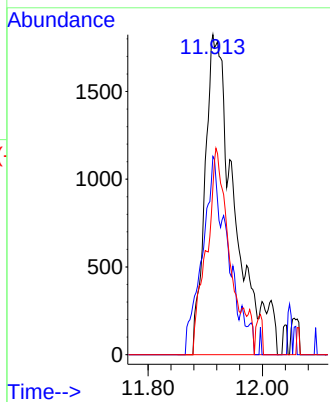
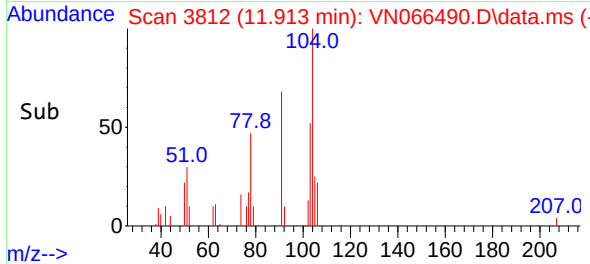
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



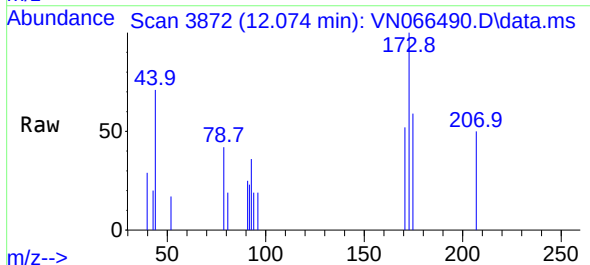
Tgt Ion:104 Resp: 6577  
Ion Ratio Lower Upper  
104 100  
78 34.7 40.7 61.1#  
103 46.8 44.2 66.2

Manual Integrations  
APPROVED

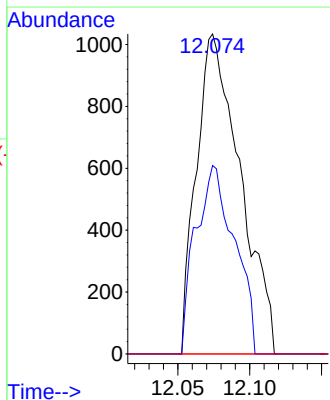
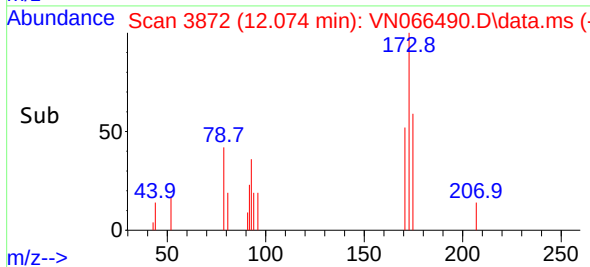
SAM  
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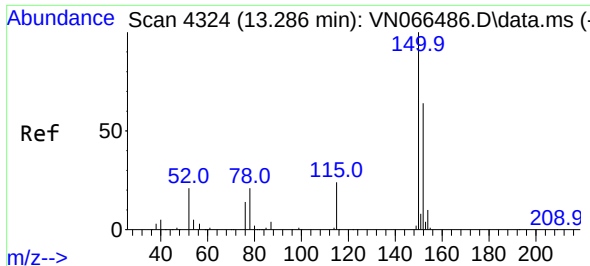


#71  
Bromoform  
Concen: 0.75 ug/l  
RT: 12.074 min Scan# 3872  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

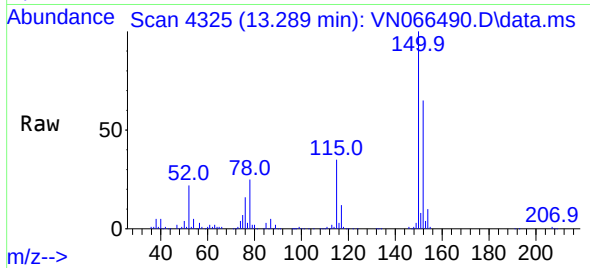


Tgt Ion:173 Resp: 2186  
Ion Ratio Lower Upper  
173 100  
175 52.4 24.3 72.8  
254 0.0 0.0 0.0

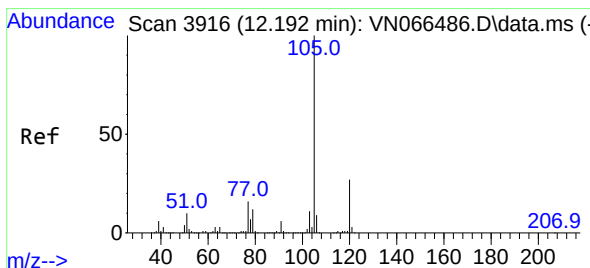
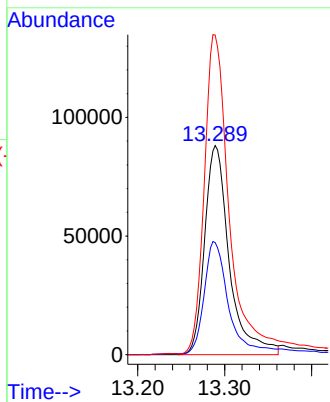
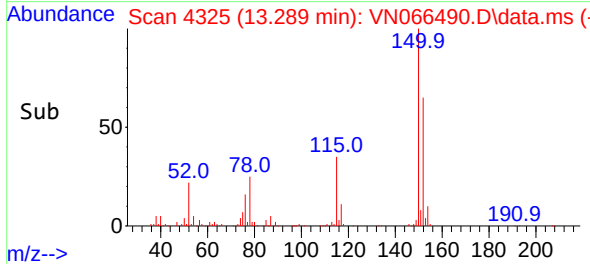




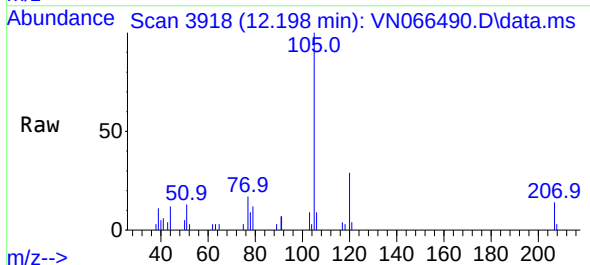
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.289 min Scan# 4325  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



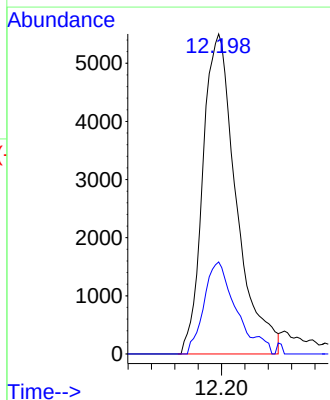
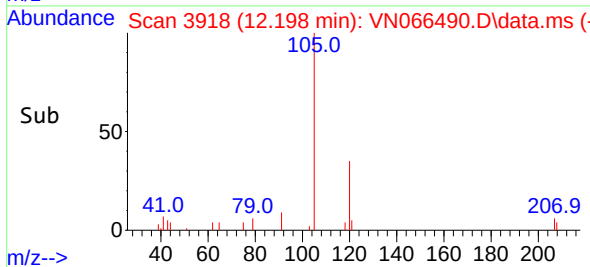
Tgt Ion:152 Resp: 174129  
Ion Ratio Lower Upper  
152 100  
115 52.2 27.8 83.4  
150 161.6 0.0 348.4



#73  
Isopropylbenzene  
Concen: 0.89 ug/l  
RT: 12.198 min Scan# 3918  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



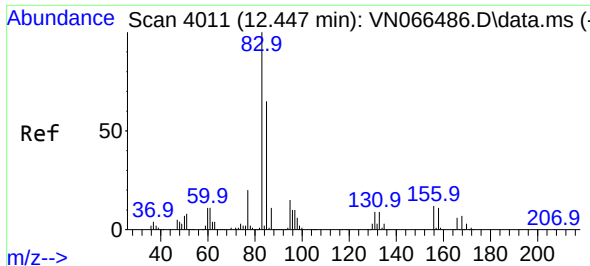
Tgt Ion:105 Resp: 10911  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.3 39.8



Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

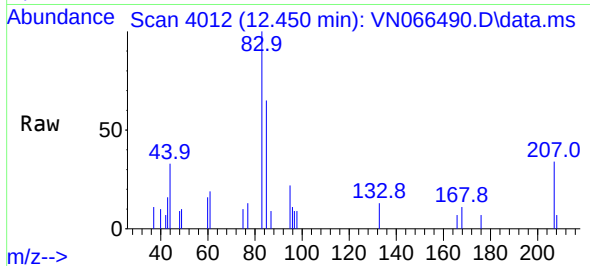
Manual Integrations  
APPROVED

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#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.26 ug/l m  
RT: 12.450 min Scan# 4012  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

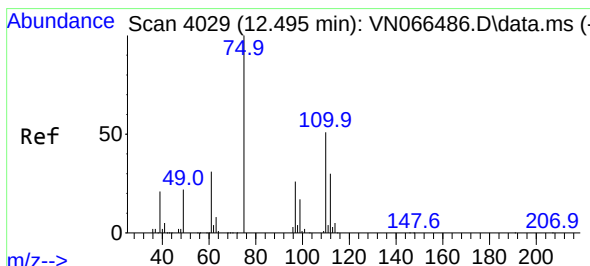
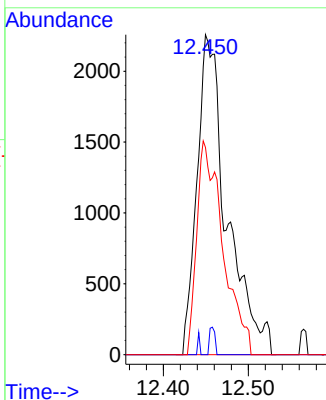
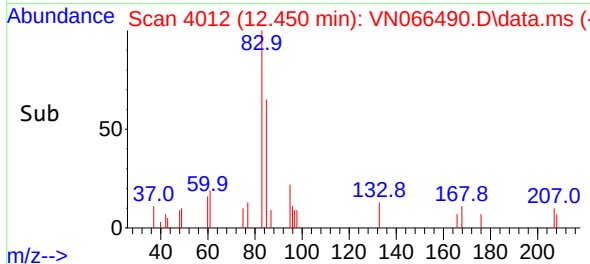
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001



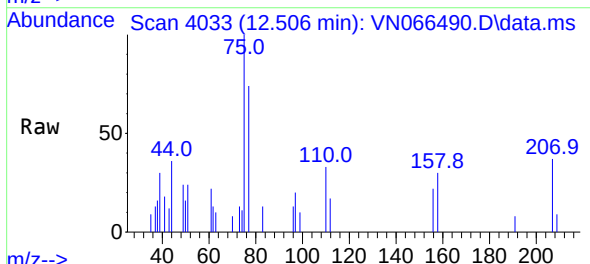
Tgt Ion: 83 Resp: 5520  
Ion Ratio Lower Upper  
83 100  
131 0.5 5.0 15.0#  
85 58.3 33.8 101.3

Manual Integrations  
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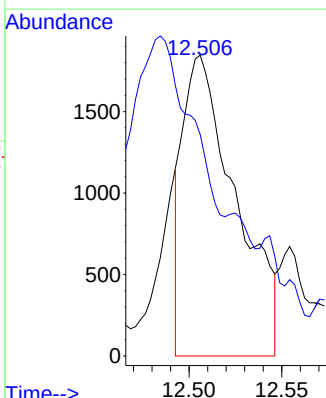
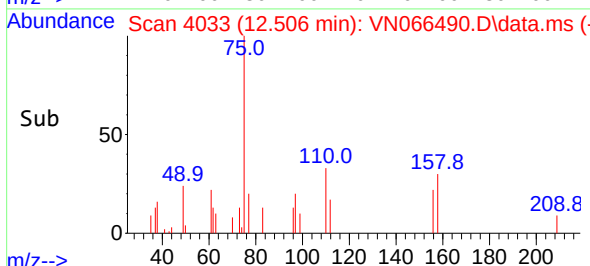
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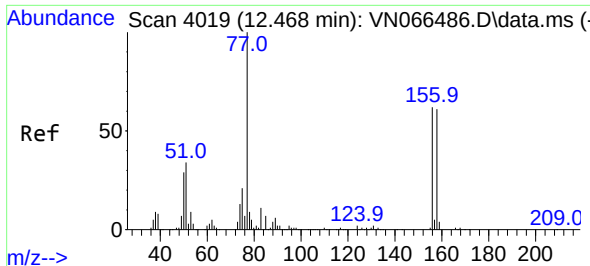


#76  
1,2,3-Trichloropropane  
Concen: 0.75 ug/l m  
RT: 12.506 min Scan# 4033  
Delta R.T. 0.011 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



Tgt Ion: 75 Resp: 3661  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 1.13 ug/l m  
RT: 12.482 min Scan# 4024  
Delta R.T. 0.014 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

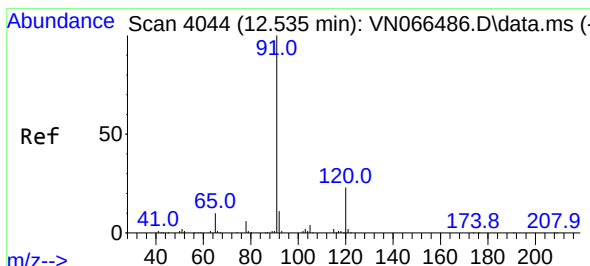
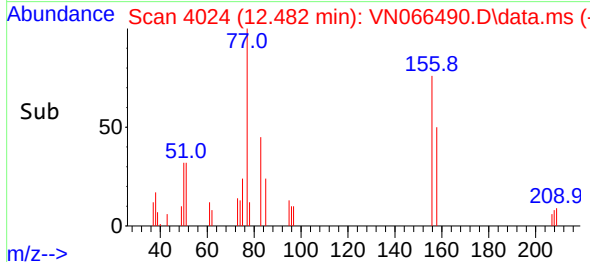
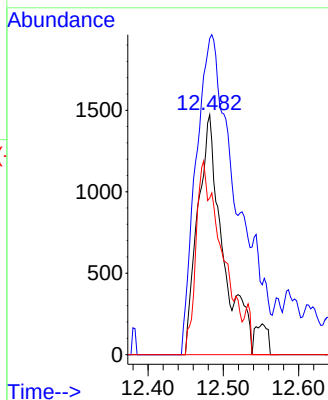
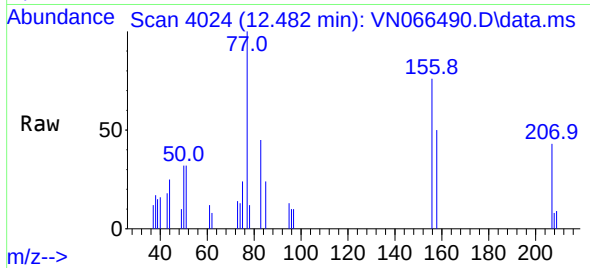
Tgt Ion: 156 Resp: 3605  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 160.1 | 99.7  | 299.1 |
| 158 | 78.1  | 48.8  | 146.3 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Manual Integrations  
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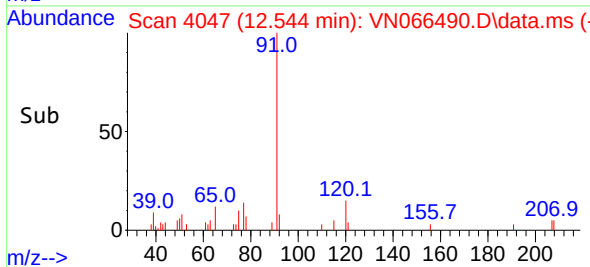
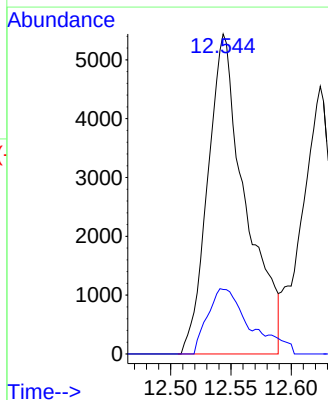
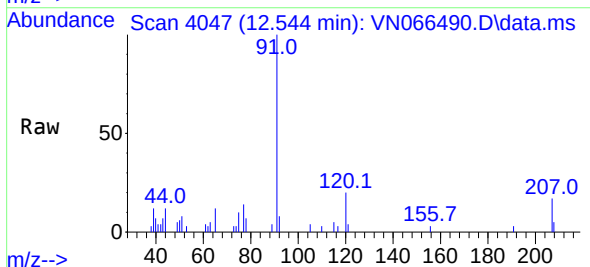
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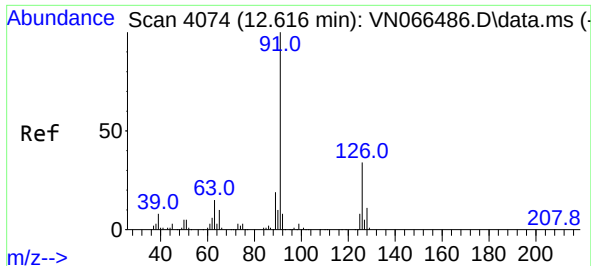


#78  
n-propylbenzene  
Concen: 0.88 ug/l  
RT: 12.544 min Scan# 4047  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 91 Resp: 11834  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.9  | 11.7  | 35.1  |





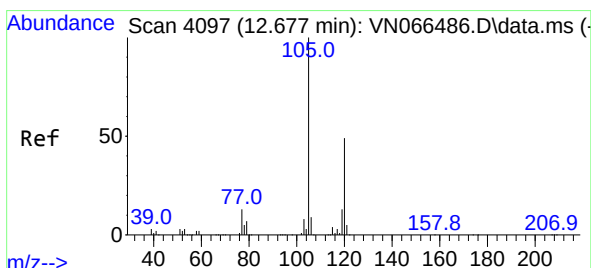
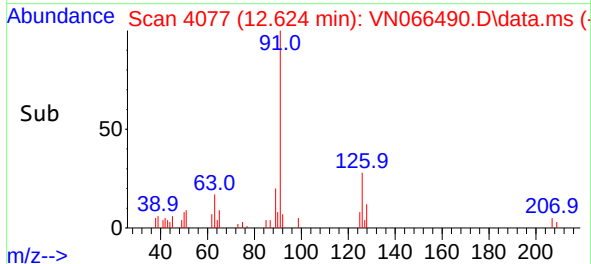
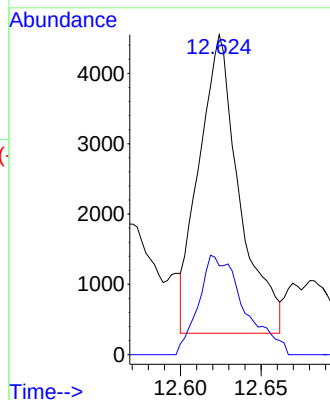
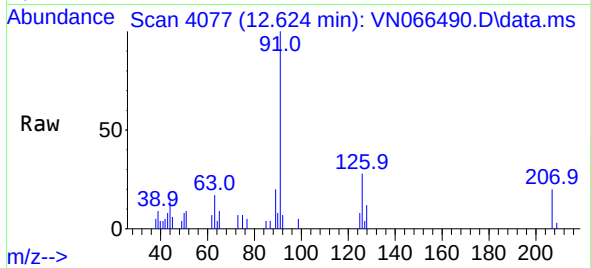
#79  
2-Chlorotoluene  
Concen: 0.90 ug/l m  
RT: 12.624 min Scan# 4077  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion: 91 Resp: 7375  
Ion Ratio Lower Upper  
91 100  
126 37.5 17.2 51.5

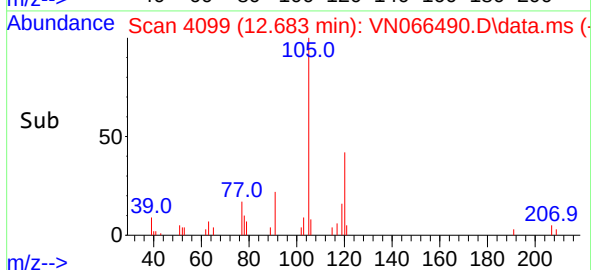
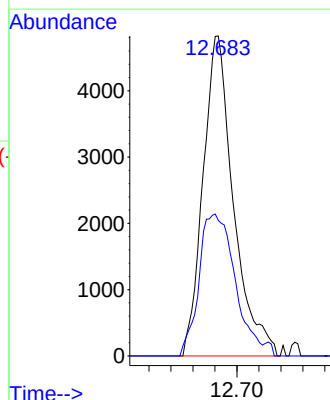
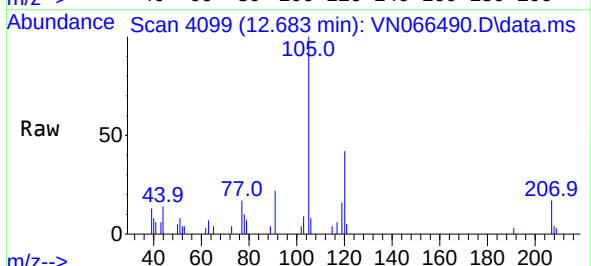
Manual Integrations  
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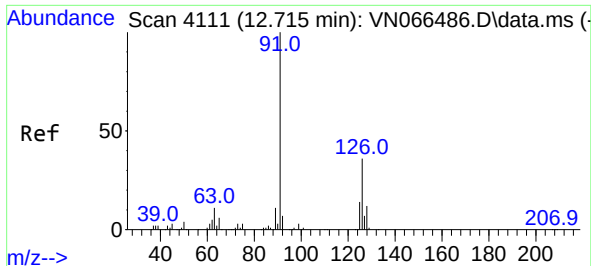


#80  
1,3,5-Trimethylbenzene  
Concen: 0.91 ug/l  
RT: 12.683 min Scan# 4099  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 105 Resp: 9259  
Ion Ratio Lower Upper  
105 100  
120 52.3 24.5 73.5







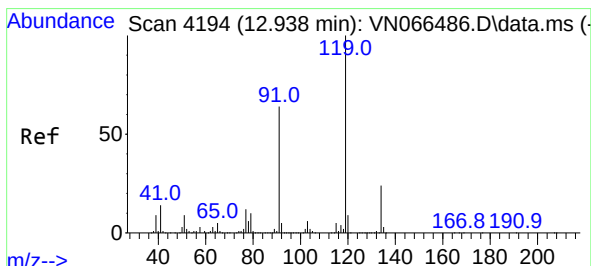
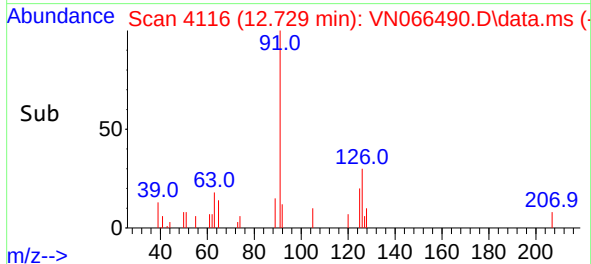
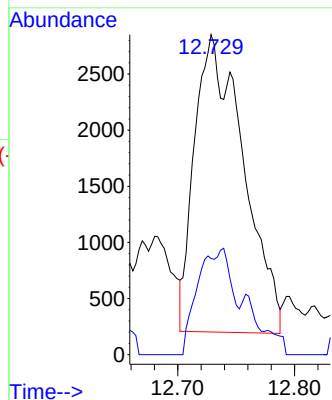
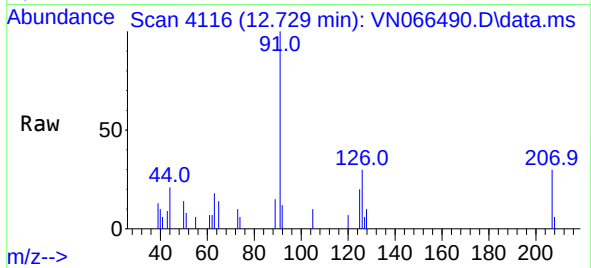
#82  
4-Chlorotoluene  
Concen: 0.95 ug/l m  
RT: 12.729 min Scan# 4116  
Delta R.T. 0.014 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 7677  
Ion Ratio Lower Upper  
91 100  
126 13.5 16.6 49.8#

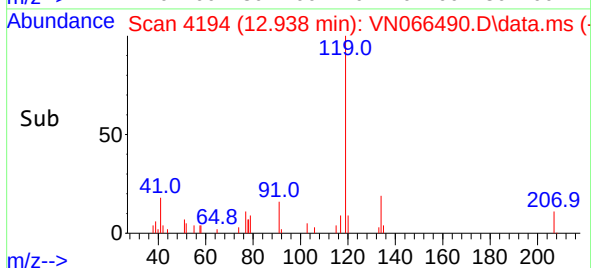
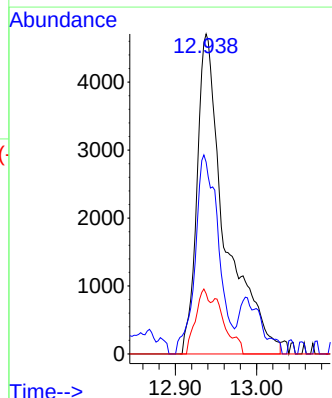
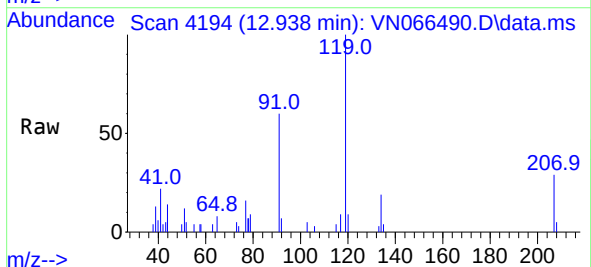
Manual Integrations  
APPROVED

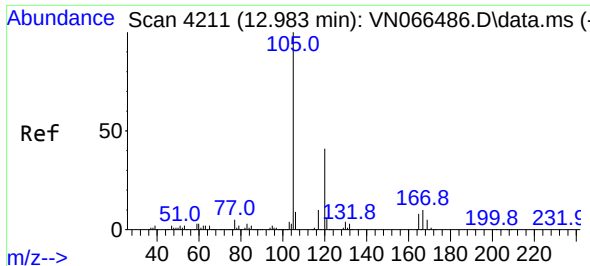
SAM  
4/7/2021 5:47:10 PM



#83  
tert-Butylbenzene  
Concen: 1.30 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 119 Resp: 11326  
Ion Ratio Lower Upper  
119 100  
91 51.3 33.3 99.8  
134 10.1 12.9 38.6#





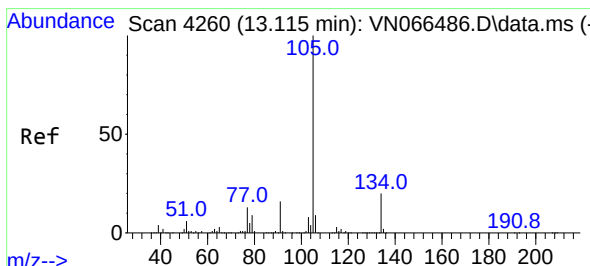
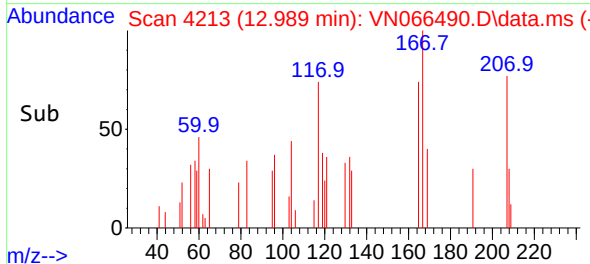
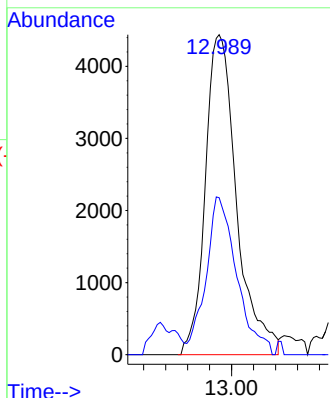
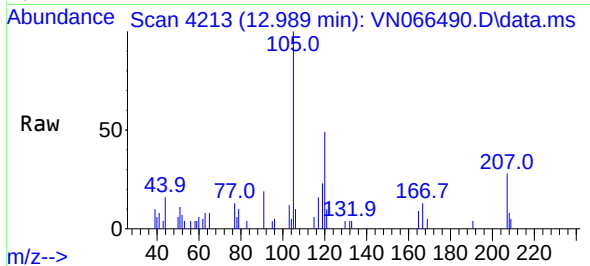
#84  
1,2,4-Trimethylbenzene  
Concen: 0.91 ug/l  
RT: 12.989 min Scan# 4213  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion:105 Resp: 8774  
Ion Ratio Lower Upper  
105 100  
120 48.4 23.1 69.2

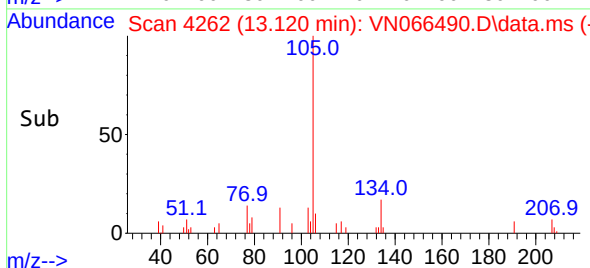
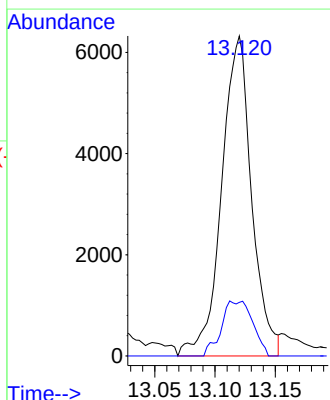
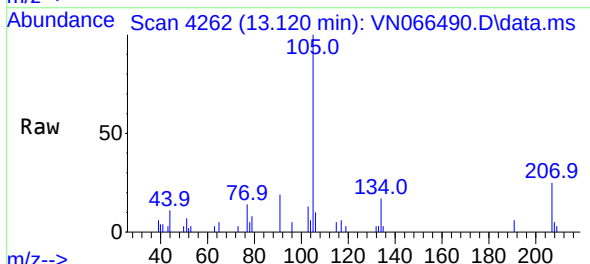
Manual Integrations  
APPROVED

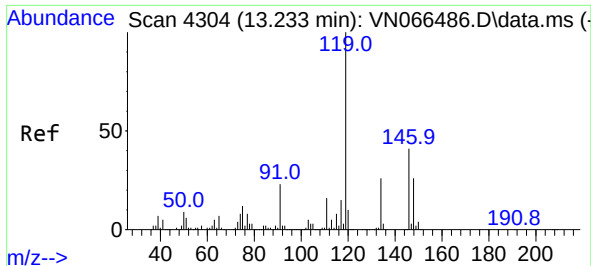
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#85  
sec-Butylbenzene  
Concen: 0.97 ug/l  
RT: 13.120 min Scan# 4262  
Delta R.T. 0.006 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion:105 Resp: 10954  
Ion Ratio Lower Upper  
105 100  
134 9.1 9.9 29.7#





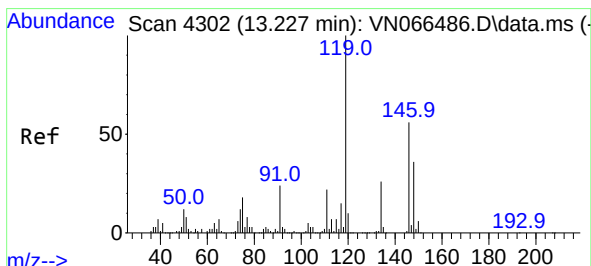
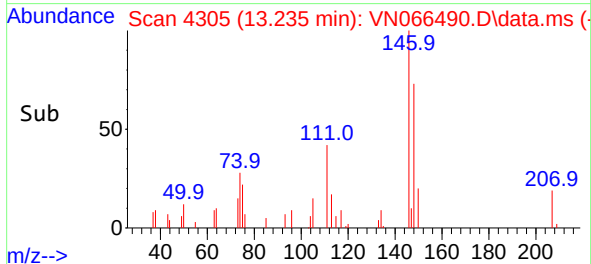
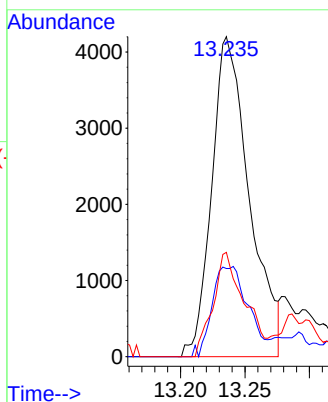
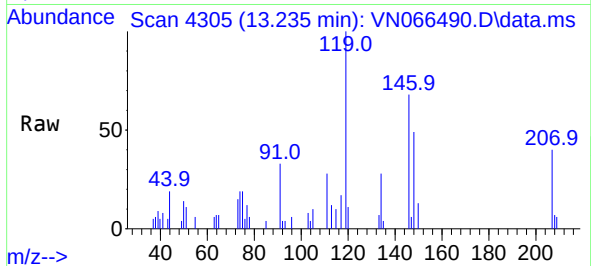
#86  
p-Isopropyltoluene  
Concen: 0.89 ug/l  
RT: 13.235 min Scan# 4305  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 119   | Resp: | 8514 |
| Ion Ratio | Lower | Upper |      |
| 119       | 100   |       |      |
| 134       | 27.1  | 12.9  | 38.7 |
| 91        | 27.5  | 11.5  | 34.5 |

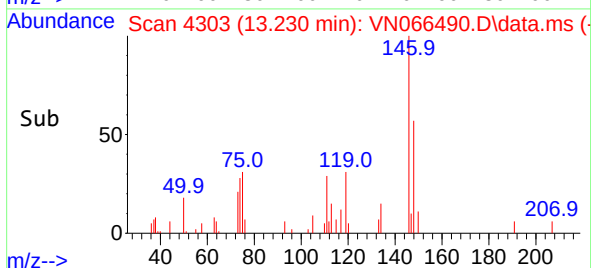
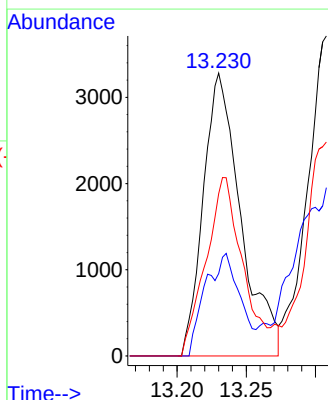
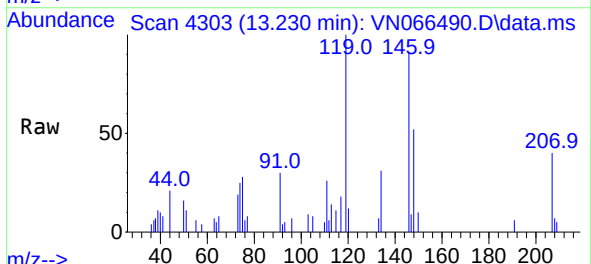
Manual Integrations  
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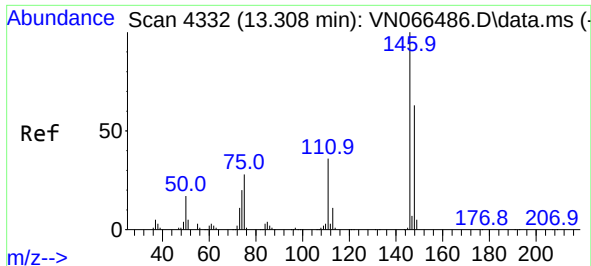
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#87  
1,3-Dichlorobenzene  
Concen: 1.13 ug/l  
RT: 13.230 min Scan# 4303  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 6192 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 34.1  | 19.4  | 58.1 |
| 148       | 61.9  | 31.8  | 95.4 |





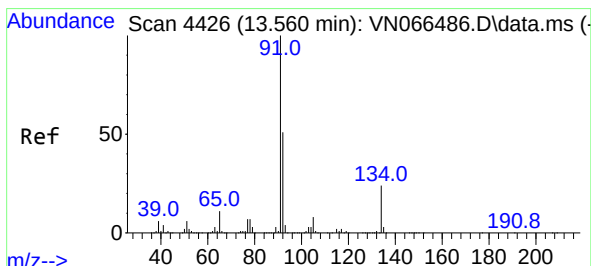
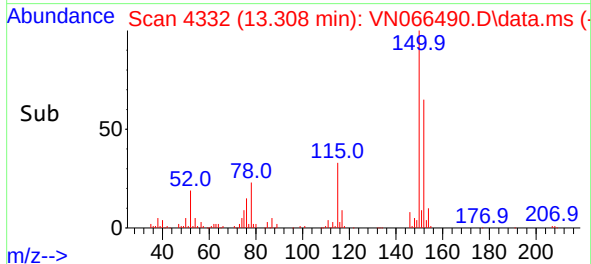
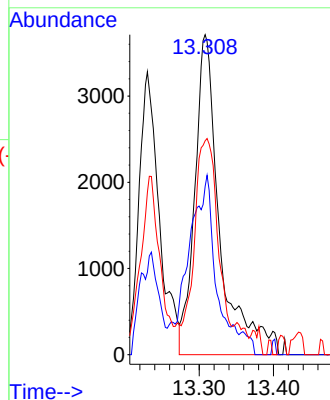
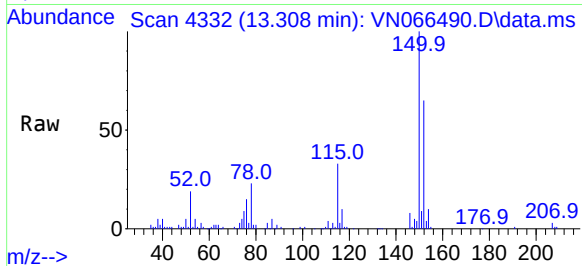
#88  
1,4-Dichlorobenzene  
Concen: 1.54 ug/l m  
RT: 13.308 min Scan# 4332  
Delta R.T. 0.000 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 8749  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 24.1  | 18.3  | 54.9  |
| 148      | 43.8  | 31.9  | 95.9  |

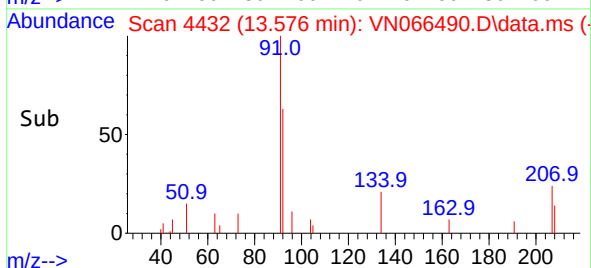
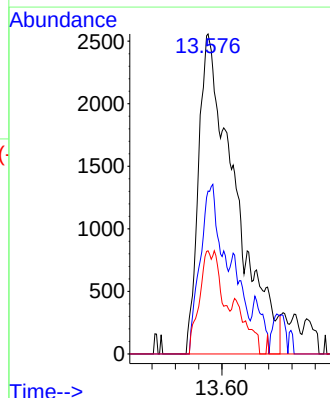
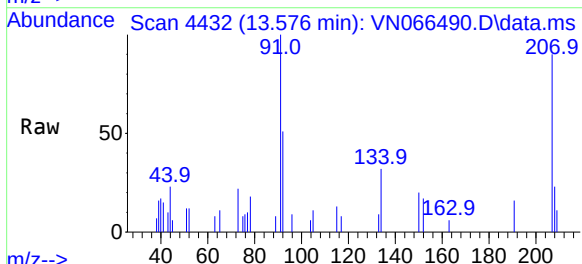
Manual Integrations  
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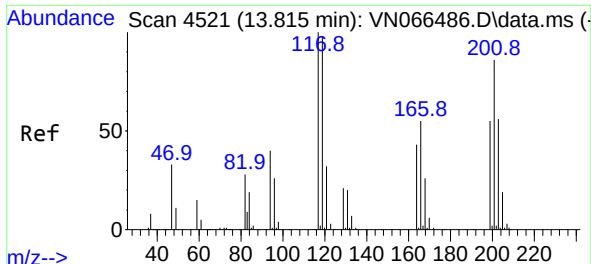
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#89  
n-Butylbenzene  
Concen: 1.35 ug/l m  
RT: 13.576 min Scan# 4432  
Delta R.T. 0.016 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 11093 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 31.2  | 26.1  | 78.3  |
| 134      | 10.6  | 12.8  | 38.4# |





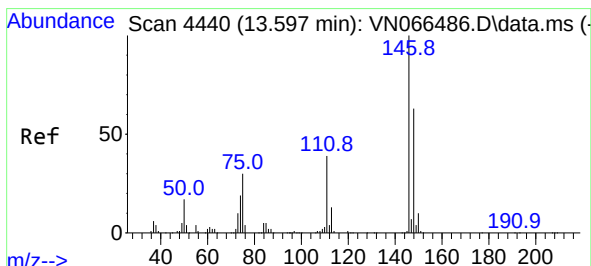
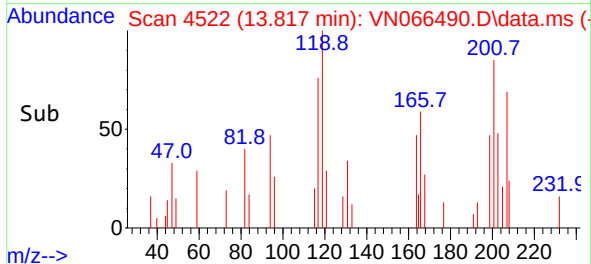
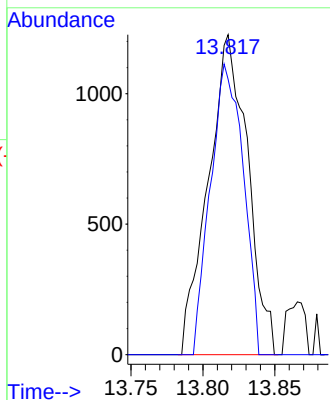
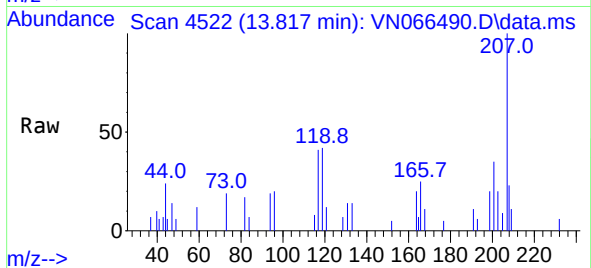
#90  
Hexachloroethane  
Concen: 1.12 ug/l  
RT: 13.817 min Scan# 4522  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion:117 Resp: 2332  
Ion Ratio Lower Upper  
117 100  
201 75.8 44.0 131.8

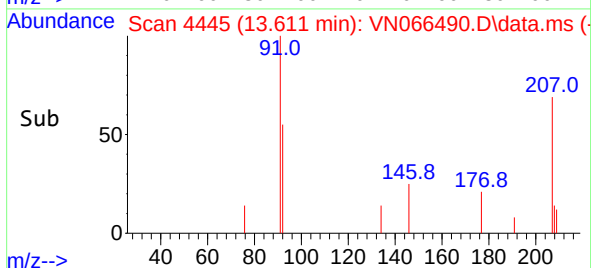
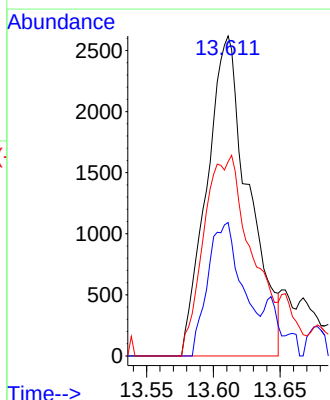
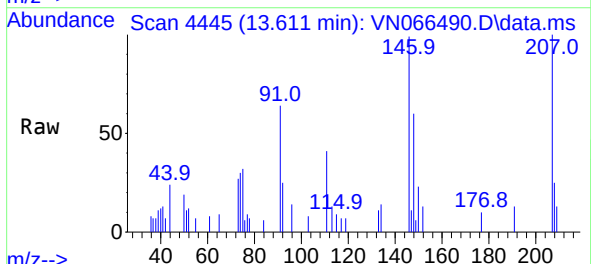
Manual Integrations  
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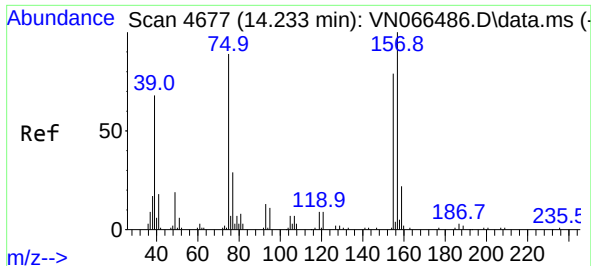
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#91  
1,2-Dichlorobenzene  
Concen: 1.03 ug/l  
RT: 13.611 min Scan# 4445  
Delta R.T. 0.014 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion:146 Resp: 5727  
Ion Ratio Lower Upper  
146 100  
111 34.4 19.7 59.1  
148 70.6 32.3 96.8





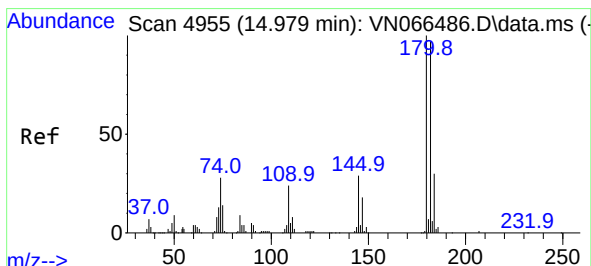
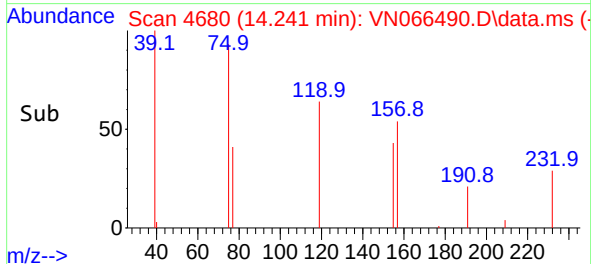
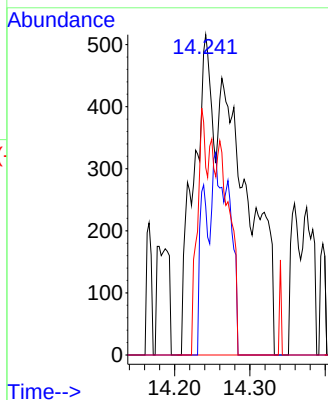
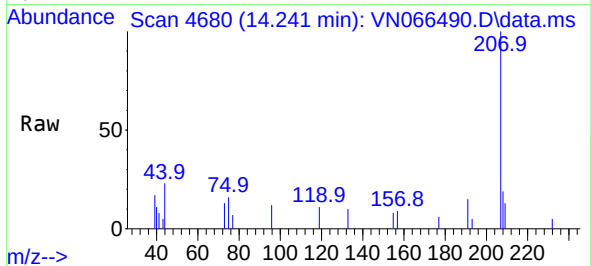
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.49 ug/l m  
RT: 14.241 min Scan# 4680  
Delta R.T. 0.008 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion: 75 Resp: 2240  
Ion Ratio Lower Upper  
75 100  
155 9.7 43.8 131.3#  
157 15.7 57.6 172.8#

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

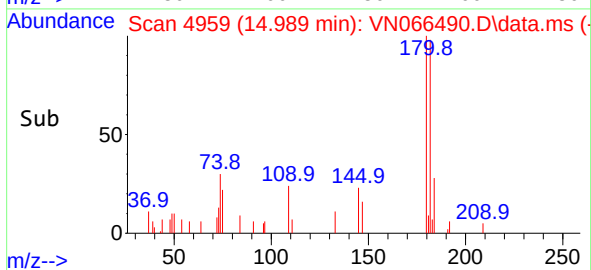
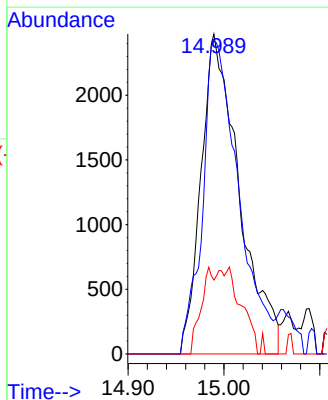
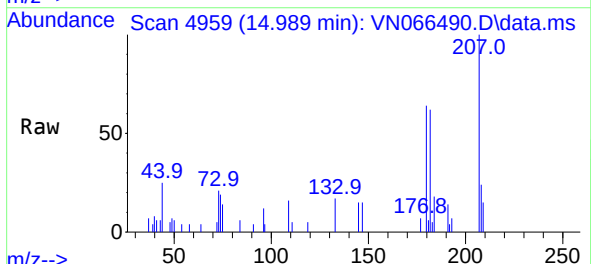
Manual Integrations  
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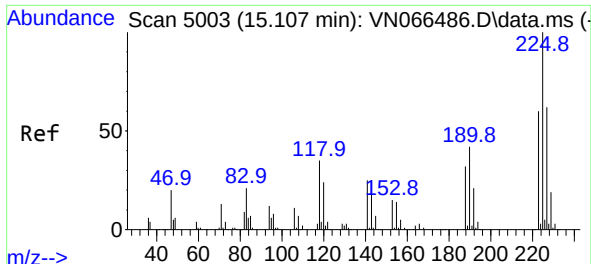
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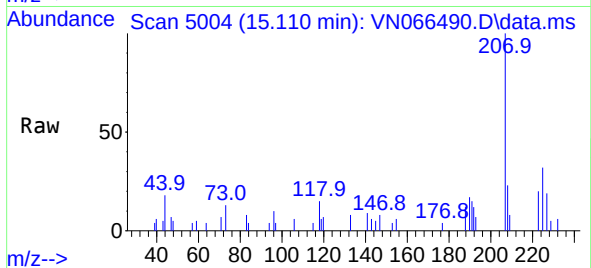
#93  
1,2,4-Trichlorobenzene  
Concen: 2.22 ug/l  
RT: 14.989 min Scan# 4959  
Delta R.T. 0.011 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06

Tgt Ion:180 Resp: 6850  
Ion Ratio Lower Upper  
180 100  
182 92.4 47.4 142.3  
145 9.2 14.2 42.8#

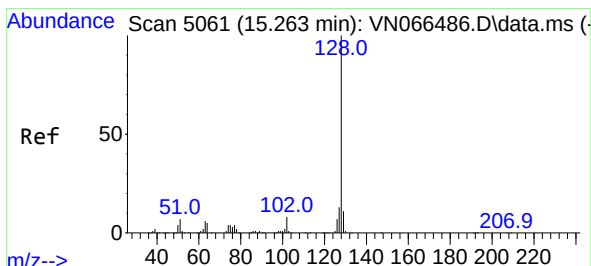
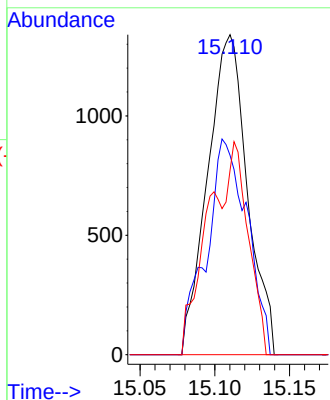
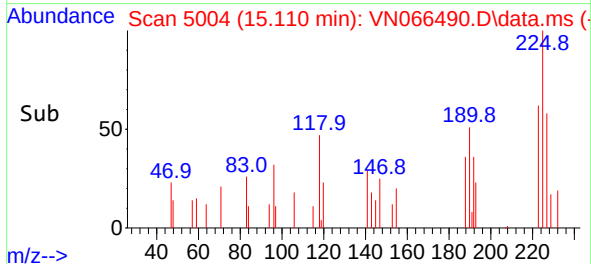




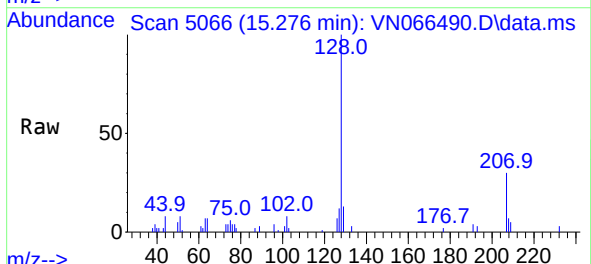
#94  
Hexachlorobutadiene  
Concen: 1.36 ug/l  
RT: 15.110 min Scan# 5004  
Delta R.T. 0.003 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



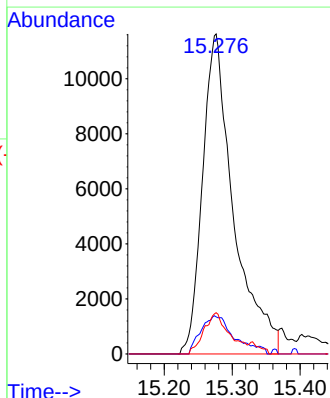
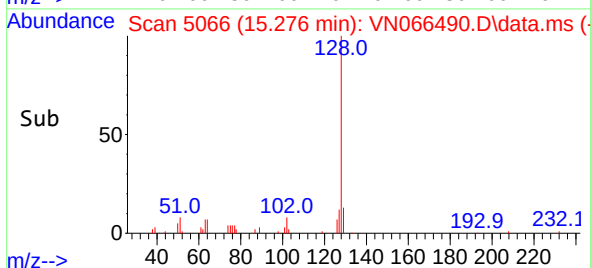
Tgt Ion:225 Resp: 2484  
Ion Ratio Lower Upper  
225 100  
223 68.8 31.1 93.5  
227 36.4 32.1 96.3



#95  
Naphthalene  
Concen: 4.55 ug/l  
RT: 15.276 min Scan# 5066  
Delta R.T. 0.014 min  
Lab File: VN066490.D  
Acq: 6 Apr 2021 13:06



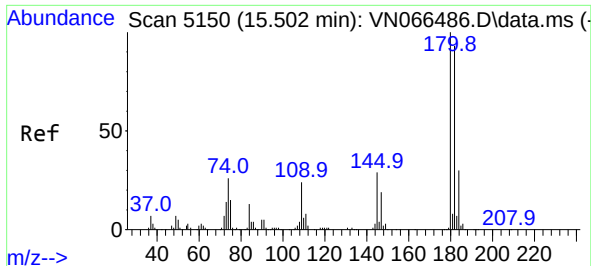
Tgt Ion:128 Resp: 36869  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.5 15.7  
129 10.5 8.5 12.7



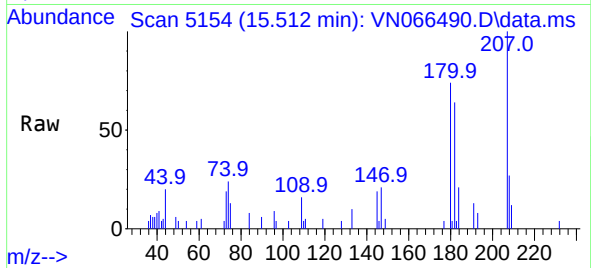
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

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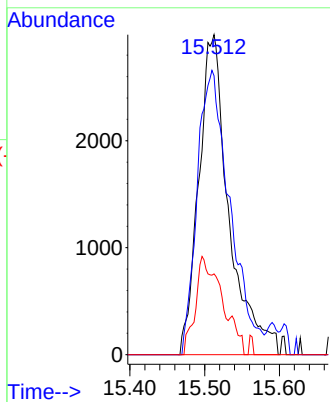
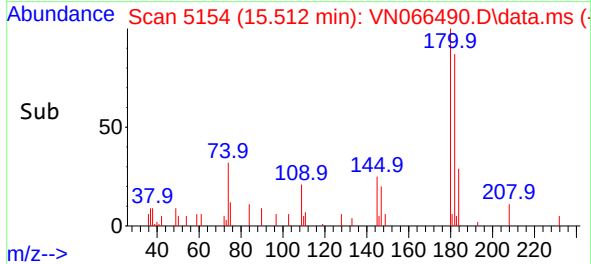
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.80 ug/l  
 RT: 15.512 min Scan# 5154  
 Delta R.T. 0.011 min  
 Lab File: VN066490.D  
 Acq: 6 Apr 2021 13:06



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 8387  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.4  | 47.6  | 142.9 |
| 145       | 23.9  | 15.4  | 46.1  |



Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

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