

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042721\  
 Data File : VY004641.D  
 Acq On : 27 Apr 2021 08:47  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/28/2021 2:38:05 PM

Quant Time: Apr 28 09:58:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 129772             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 208468             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 188047             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 88601              | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.155          | 65   | 82920              | 57.51  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 115.02% |        |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 66730              | 57.68  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 115.36% |        |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 282601             | 57.43  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 114.86% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.489         | 95   | 94056              | 56.32  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 112.64% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 61475              | 51.13  | ug/l   | 95       |
| 3) Chloromethane             | 2.119          | 50   | 90987              | 52.33  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.265          | 62   | 91538              | 49.85  | ug/l   | 98       |
| 5) Bromomethane              | 2.662          | 94   | 49417              | 55.16  | ug/l   | 94       |
| 6) Chloroethane              | 2.808          | 64   | 58431              | 53.08  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.143          | 101  | 122189             | 53.21  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.540          | 74   | 40600              | 52.31  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.918          | 101  | 68756              | 53.98  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.107          | 142  | 72657              | 47.66  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.978          | 59   | 33024              | 232.40 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.887          | 96   | 65608              | 52.09  | ug/l   | 94       |
| 13) Acrolein                 | 3.741          | 56   | 37210              | 235.56 | ug/l   | 97       |
| 14) Allyl chloride           | 4.497          | 41   | 125267             | 52.00  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.186          | 53   | 110772             | 266.01 | ug/l   | 99       |
| 16) Acetone                  | 3.966          | 43   | 70852              | 229.98 | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.210          | 76   | 196092             | 50.56  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.497          | 43   | 54561              | 54.33  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.241          | 73   | 201920             | 53.35  | ug/l   | 96       |
| 20) Methylene Chloride       | 4.735          | 84   | 75360              | 54.11  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.241          | 96   | 74958              | 52.59  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.131          | 45   | 278663             | 54.72  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.076          | 43   | 936610             | 270.17 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 141694             | 54.46  | ug/l   | 99       |
| 25) 2-Butanone               | 7.002          | 43   | 136627             | 248.76 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 128696             | 55.13  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 86212              | 54.06  | ug/l   | 99       |
| 28) Bromochloromethane       | 7.344          | 49   | 65031              | 55.00  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.362          | 42   | 102593             | 261.44 | ug/l   | 99       |
| 30) Chloroform               | 7.521          | 83   | 141595             | 55.39  | ug/l   | 97       |
| 31) Cyclohexane              | 7.795          | 56   | 132658             | 50.19  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.716          | 97   | 125779             | 54.23  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 112044             | 54.09  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.088          | 43   | 70802              | 53.08  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 104409             | 58.30  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.191          | 83   | 135278             | 53.04  | ug/l   | 98       |
| 40) Benzene                  | 8.173          | 78   | 315376             | 54.17  | ug/l   | 100      |

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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/28/2021 2:38:05 PM

Quant Time: Apr 28 09:58:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 41015m   | 50.73   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 100771   | 55.18   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 140131   | 55.41   | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 86438    | 54.45   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 84054    | 55.94   | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 45510    | 55.64   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 111565   | 56.34   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.301  | 41   | 64266    | 55.18   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 10901    | 1020.40 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.081 | 43   | 367774   | 283.12  | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 199357   | 52.92   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 120774   | 55.29   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 135955   | 54.81   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 62006    | 55.01   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 90370    | 55.29   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 111259   | 55.32   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 237774   | 284.32  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 241048   | 276.81  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 75698    | 56.51   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 59542    | 54.79   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.727 | 164  | 91582    | 55.94   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 206963   | 53.93   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.599 | 131  | 76098    | 55.56   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 389171   | 54.20   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.709 | 106  | 290919   | 109.04  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 133663   | 53.46   | ug/l   | 99       |
| 70) Styrene                   | 12.050 | 104  | 227781   | 55.00   | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 43927    | 54.07   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.337 | 105  | 371567   | 54.27   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 125455   | 54.43   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 69661    | 53.78   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 55945m   | 58.83   | ug/l   |          |
| 77) Bromobenzene              | 12.617 | 156  | 81712    | 53.25   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.678 | 91   | 445114   | 55.03   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 241303   | 54.55   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 310505   | 55.80   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 27854    | 52.40   | ug/l # | 75       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 255193   | 54.63   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 257689   | 54.10   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 309341   | 55.09   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 365984   | 55.08   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 335751   | 55.55   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 156791   | 54.70   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.452 | 146  | 153688   | 53.27   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.702 | 91   | 321436   | 55.72   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 49849    | 61.48   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 136794   | 53.77   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 12187    | 52.43   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 87180    | 51.82   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 46720    | 53.19   | ug/l   | 99       |
| 95) Naphthalene               | 15.245 | 128  | 184629   | 50.48   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 75750    | 51.04   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042721\  
Data File : VY004641.D  
Acq On : 27 Apr 2021 08:47  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

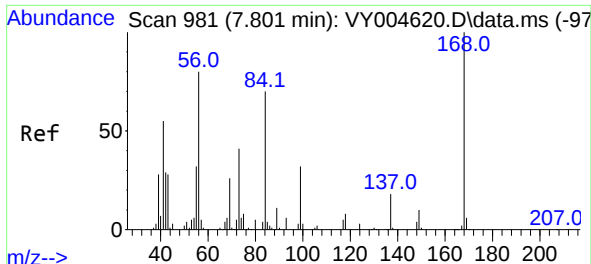
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4/28/2021 2:38:05 PM

Quant Time: Apr 28 09:58:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

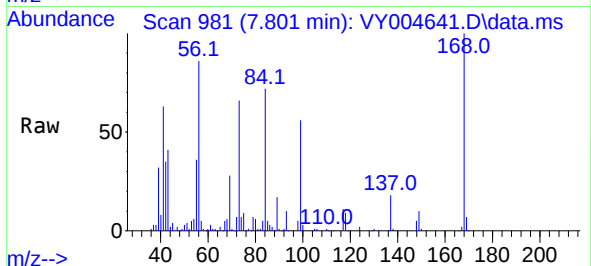
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |

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

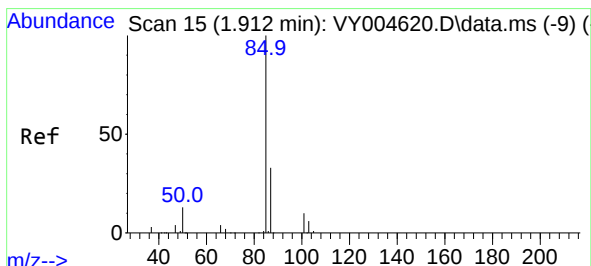
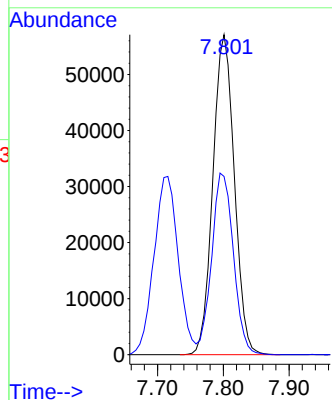
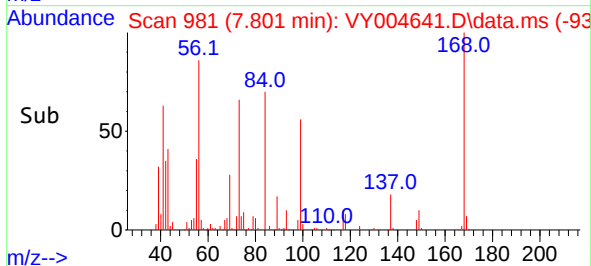




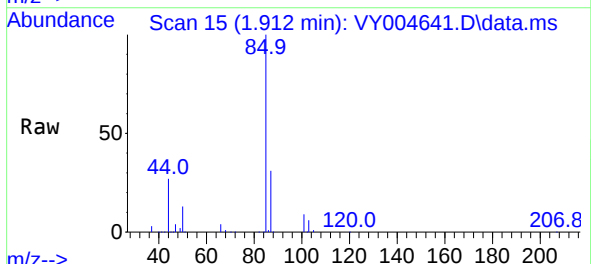
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



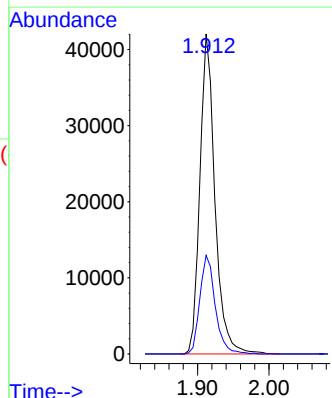
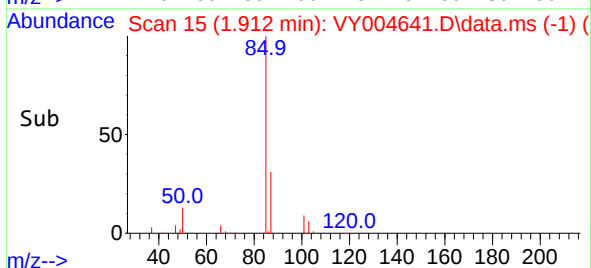
Tgt Ion: 168 Resp: 129772  
Ion Ratio Lower Upper  
168 100  
99 55.7 45.5 68.3



#2  
Dichlorodifluoromethane  
Concen: 51.13 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



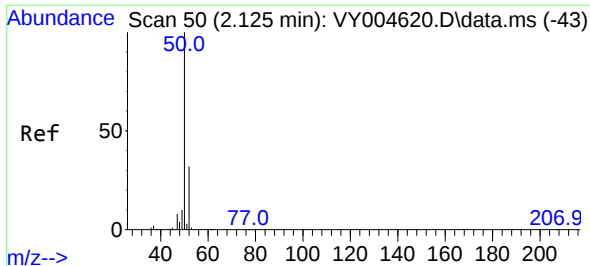
Tgt Ion: 85 Resp: 61475  
Ion Ratio Lower Upper  
85 100  
87 30.8 16.8 50.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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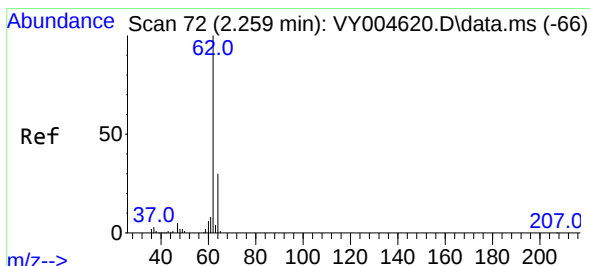
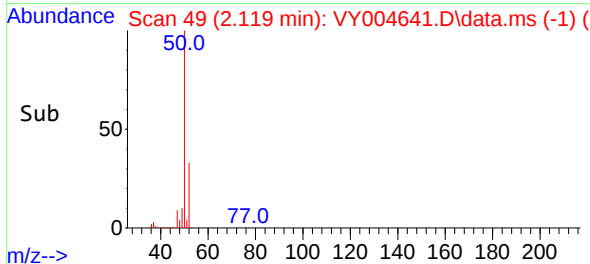
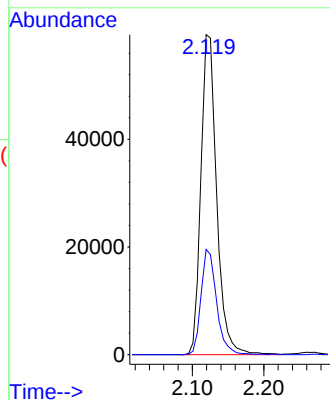
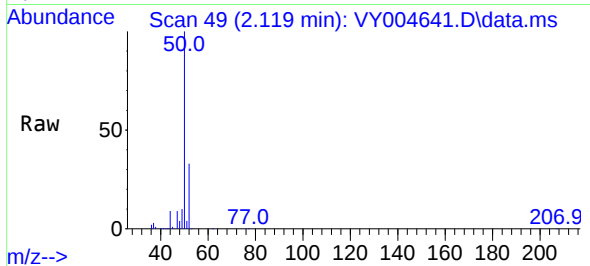
#3  
Chloromethane  
Concen: 52.33 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 50 Resp: 90987  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.6 39.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

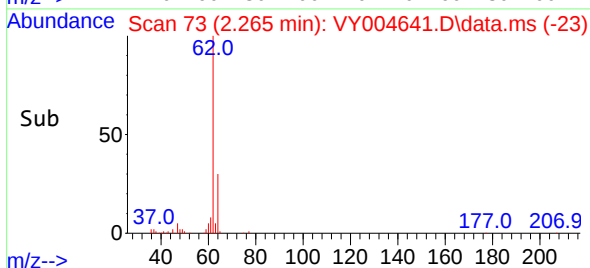
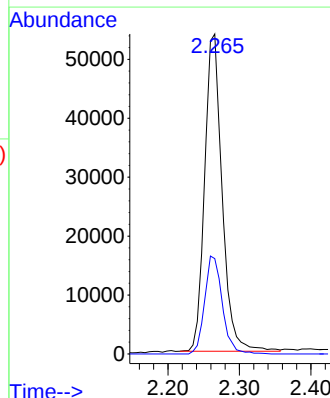
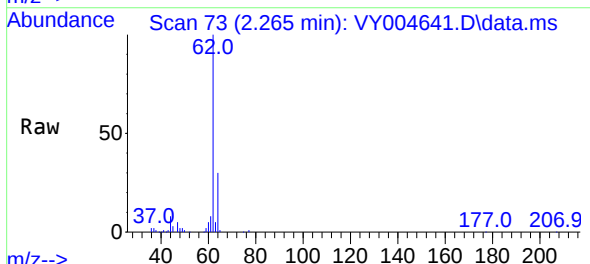
Manual Integrations  
APPROVED

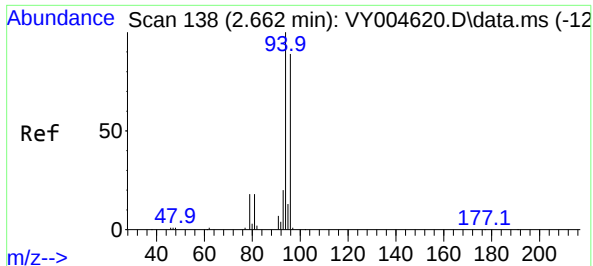
MMDadoda  
4/28/2021 2:38:05 PM



#4  
Vinyl Chloride  
Concen: 49.85 ug/l  
RT: 2.265 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 62 Resp: 91538  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.1 37.7





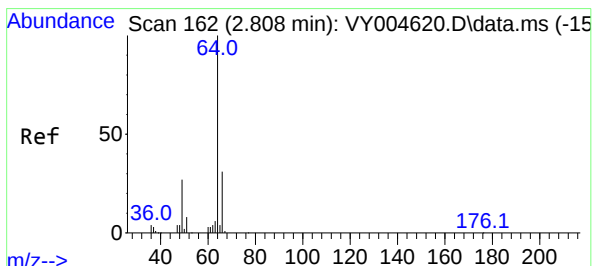
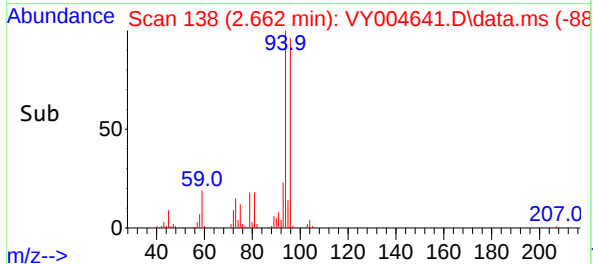
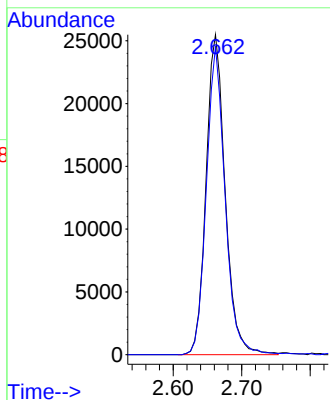
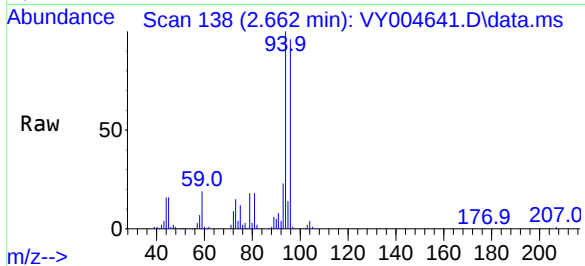
#5  
Bromomethane  
Concen: 55.16 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 94 Resp: 49417  
Ion Ratio Lower Upper  
94 100  
96 96.4 72.6 108.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

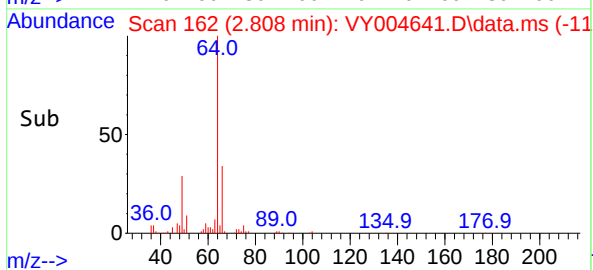
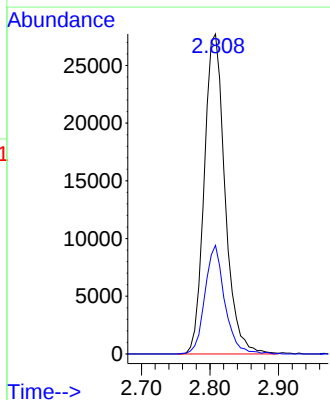
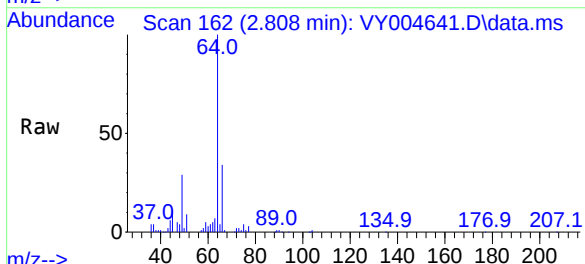
Manual Integrations  
APPROVED

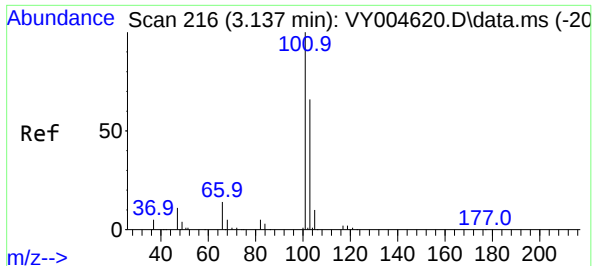
MMDadoda  
4/28/2021 2:38:05 PM



#6  
Chloroethane  
Concen: 53.08 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 64 Resp: 58431  
Ion Ratio Lower Upper  
64 100  
66 33.9 26.3 39.5





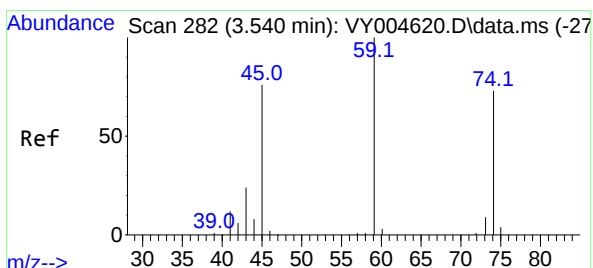
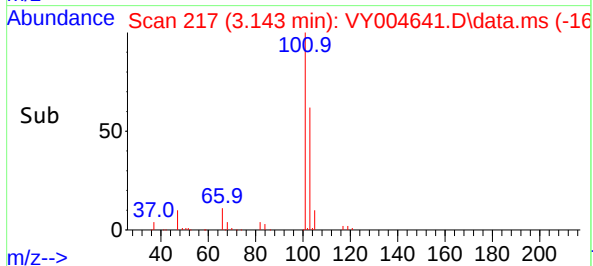
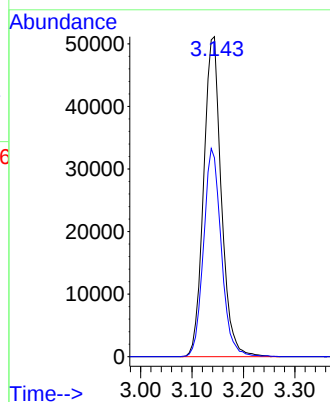
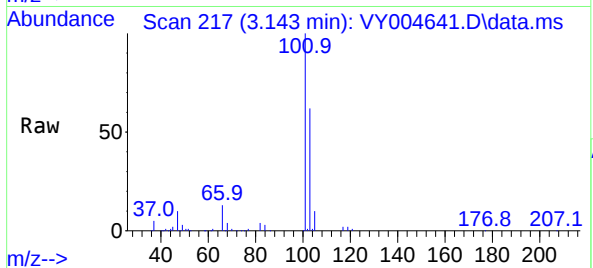
#7  
Trichlorofluoromethane  
Concen: 53.21 ug/l  
RT: 3.143 min Scan# 217  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 101 Resp: 122189  
Ion Ratio Lower Upper  
101 100  
103 62.2 51.2 76.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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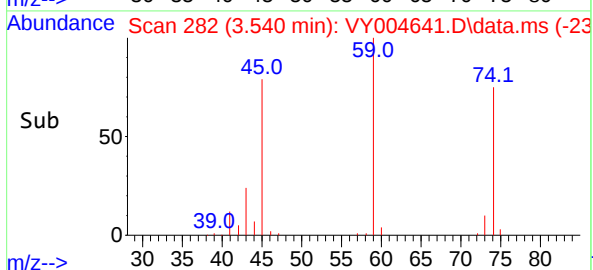
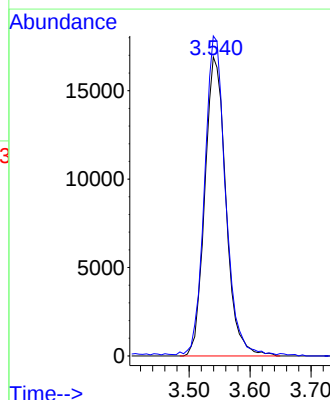
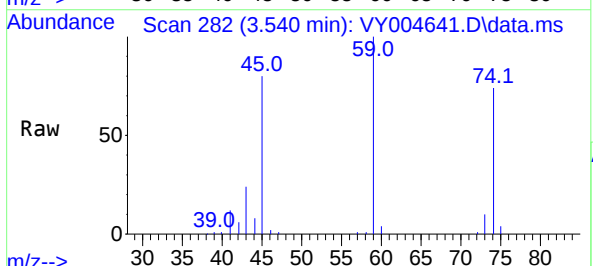
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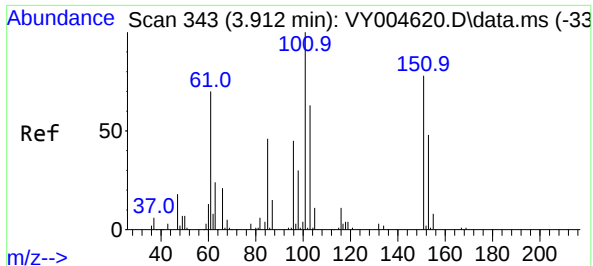
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#8  
Diethyl Ether  
Concen: 52.31 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 74 Resp: 40600  
Ion Ratio Lower Upper  
74 100  
45 105.7 52.3 156.8





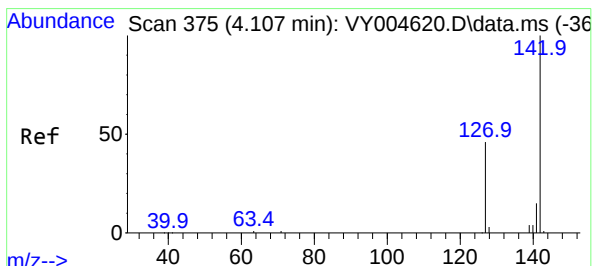
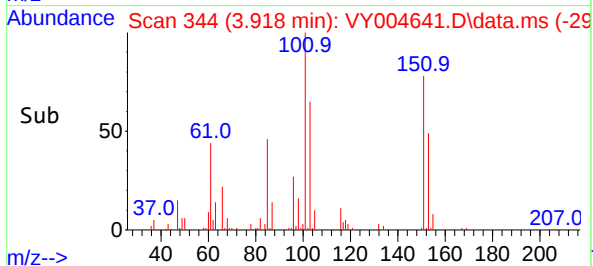
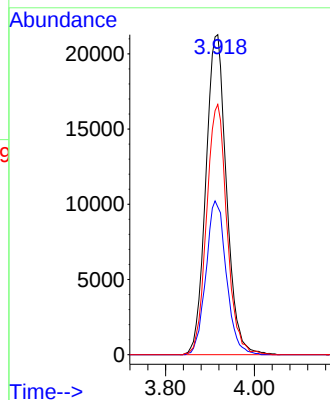
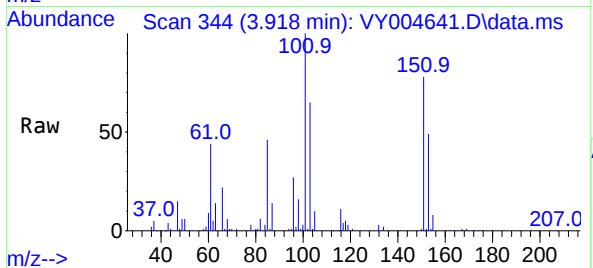
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.98 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 68756 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 47.4  | 36.9  | 55.3  |
| 151      | 77.0  | 62.0  | 93.0  |

Instrument :  
MSVOA\_Y  
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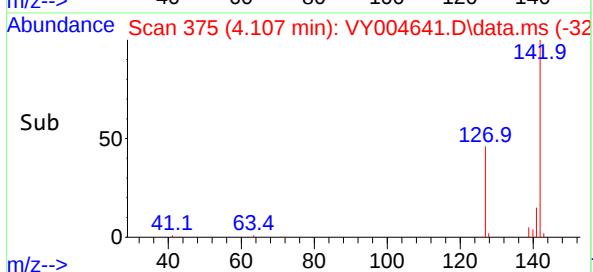
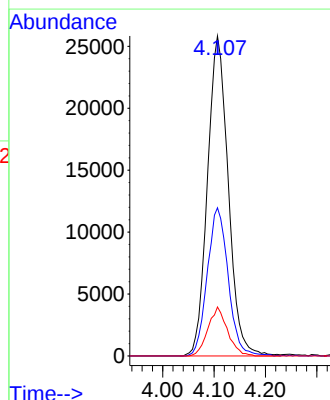
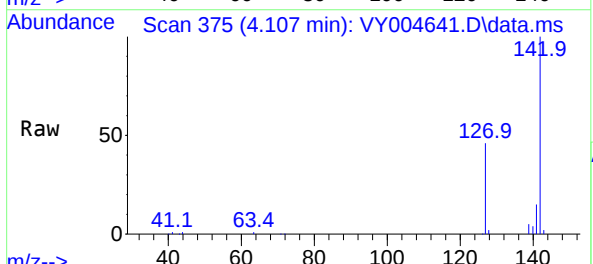
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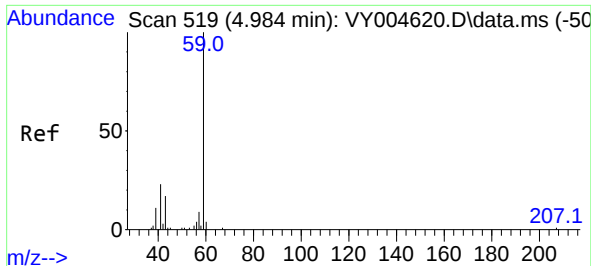
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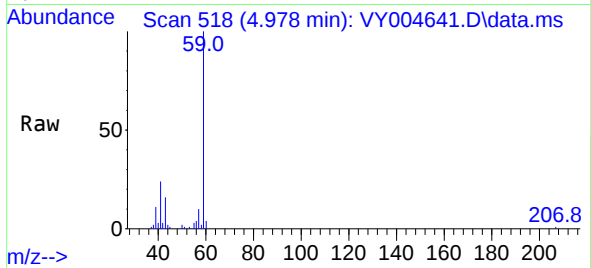
#10  
Methyl Iodide  
Concen: 47.66 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 72657 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 46.5  | 36.2  | 54.4  |
| 141      | 14.4  | 11.6  | 17.4  |

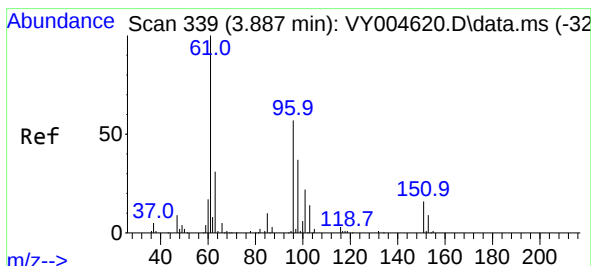
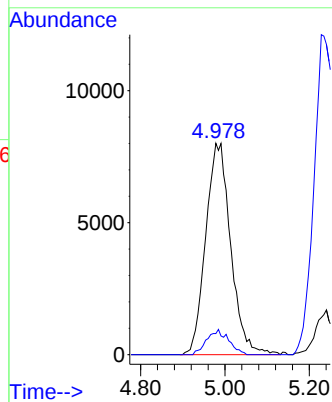
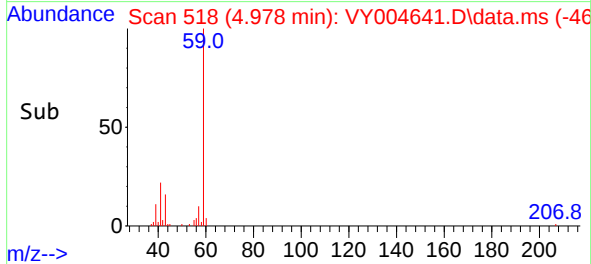




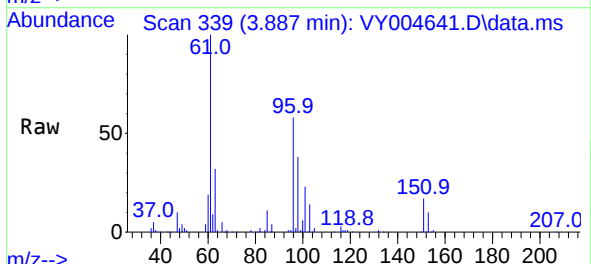
#11  
Tert butyl alcohol  
Concen: 232.40 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



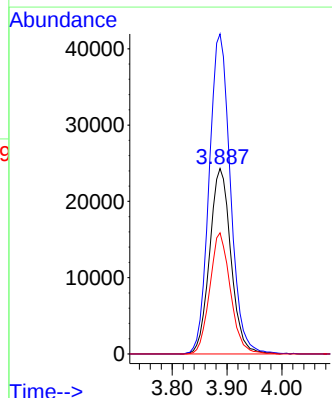
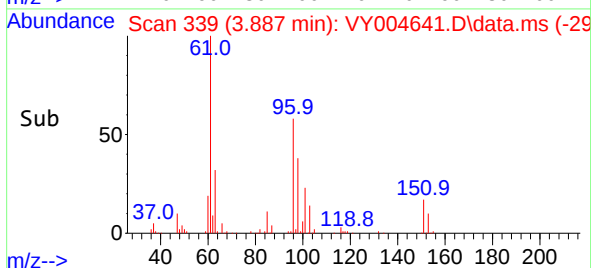
Tgt Ion: 59 Resp: 33024  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 52.09 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



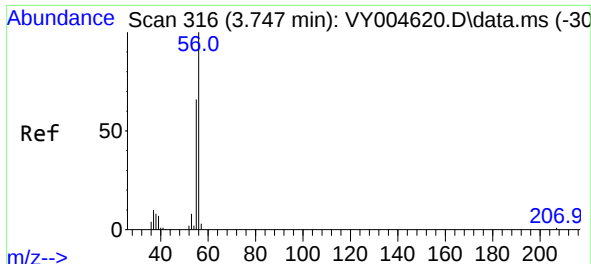
Tgt Ion: 96 Resp: 65608  
Ion Ratio Lower Upper  
96 100  
61 172.6 132.1 198.1  
98 65.3 48.2 72.2



Instrument :  
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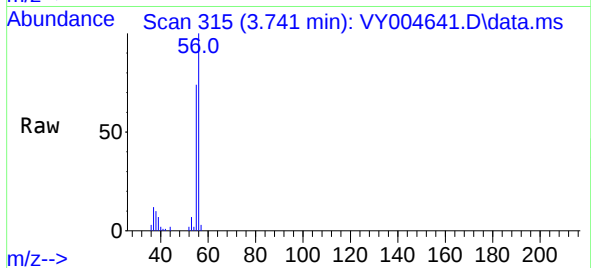
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#13  
Acrolein  
Concen: 235.56 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

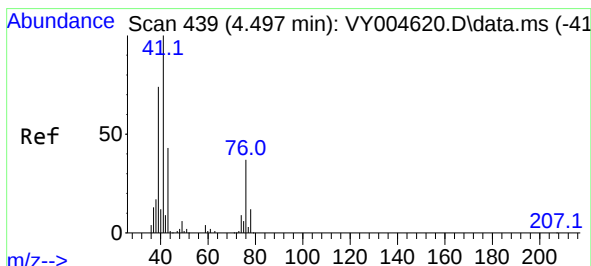
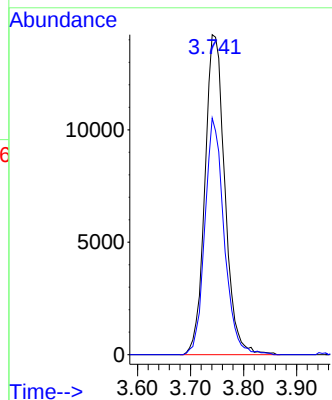
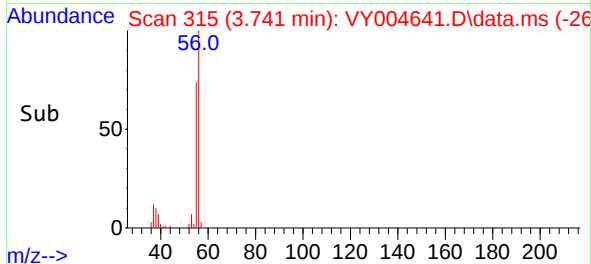
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



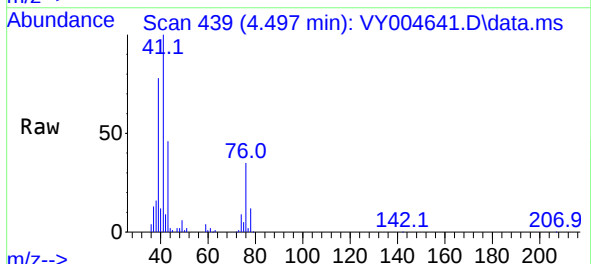
Tgt Ion: 56 Resp: 37210  
Ion Ratio Lower Upper  
56 100  
55 71.5 55.4 83.2

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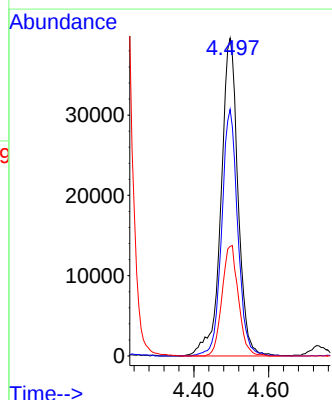
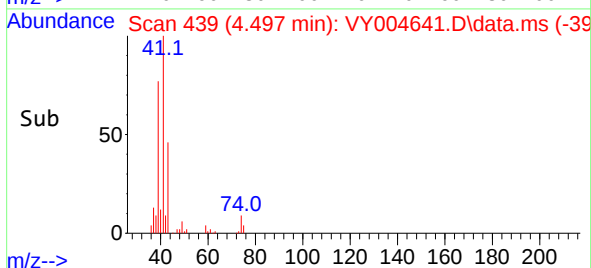
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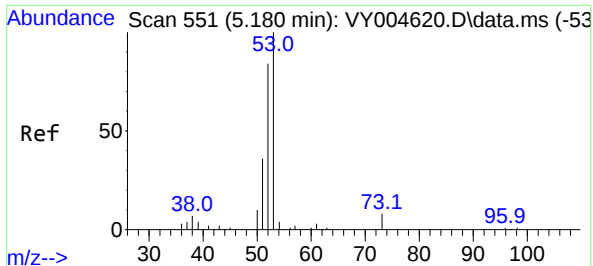


#14  
Allyl chloride  
Concen: 52.00 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

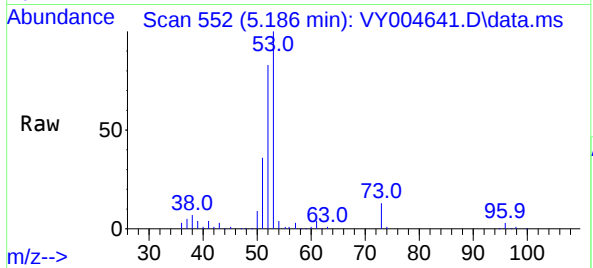


Tgt Ion: 41 Resp: 125267  
Ion Ratio Lower Upper  
41 100  
39 73.4 56.9 85.3  
76 33.4 26.8 40.2

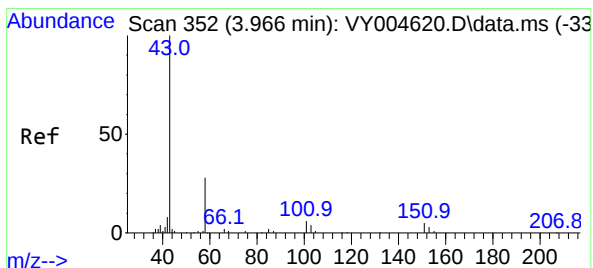
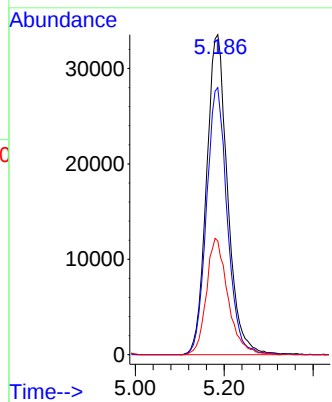
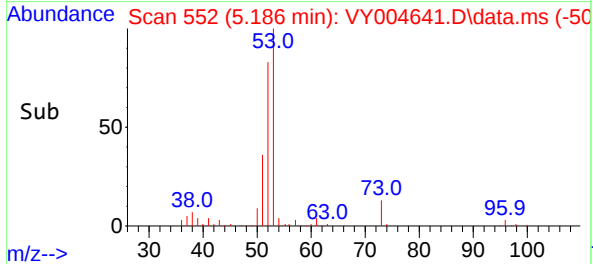




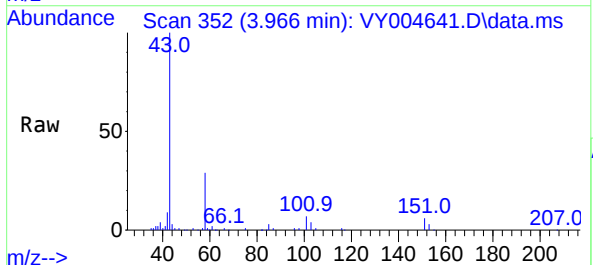
#15  
Acrylonitrile  
Concen: 266.01 ug/l  
RT: 5.186 min Scan# 552  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



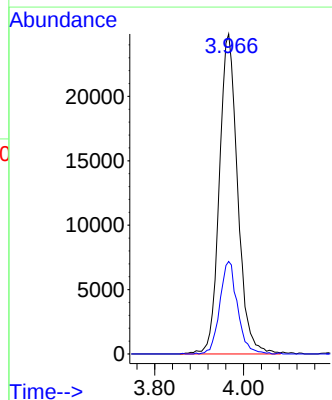
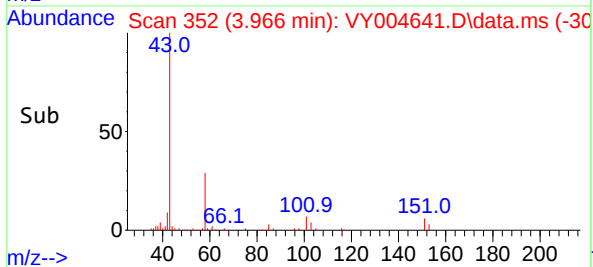
Tgt Ion: 53 Resp: 110772  
Ion Ratio Lower Upper  
53 100  
52 82.3 64.9 97.3  
51 37.1 29.3 43.9



#16  
Acetone  
Concen: 229.98 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



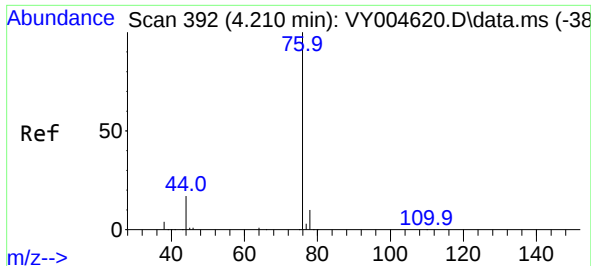
Tgt Ion: 43 Resp: 70852  
Ion Ratio Lower Upper  
43 100  
58 28.9 24.6 37.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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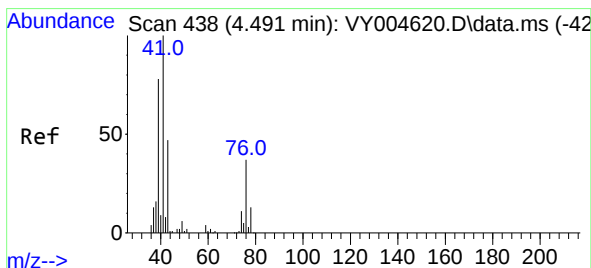
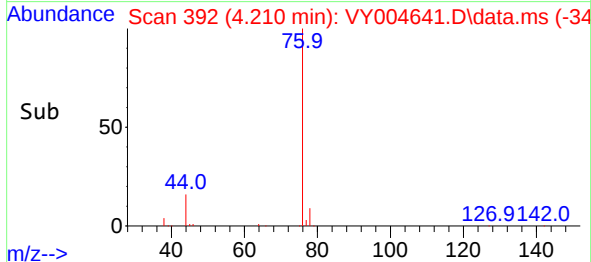
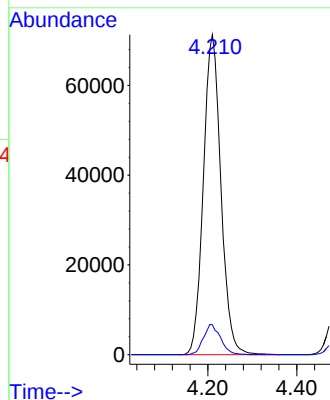
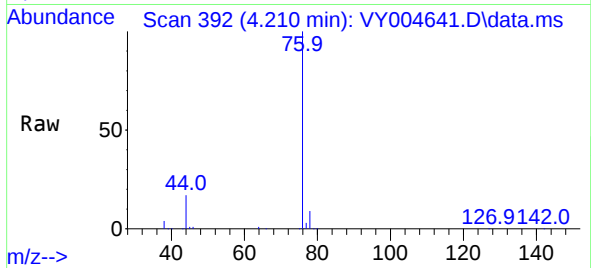
#17  
Carbon Disulfide  
Concen: 50.56 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 76 Resp: 196092  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

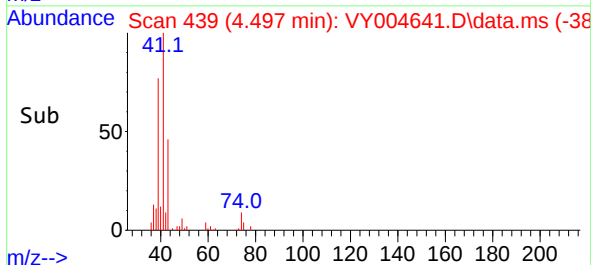
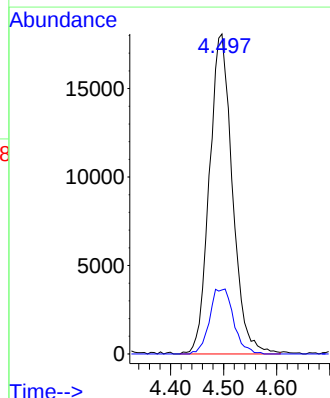
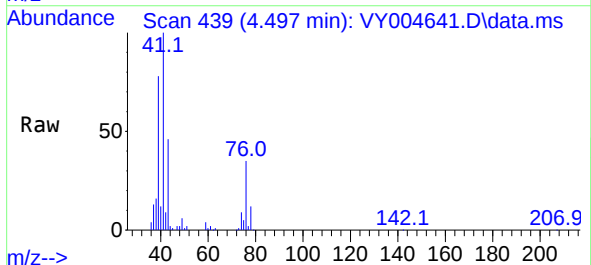
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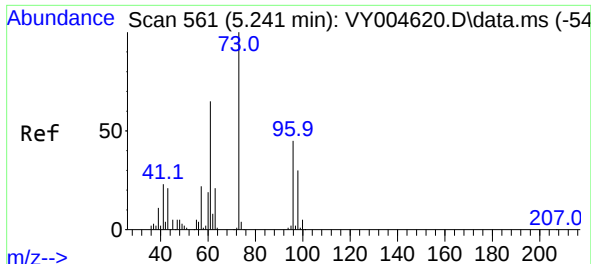
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#18  
Methyl Acetate  
Concen: 54.33 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

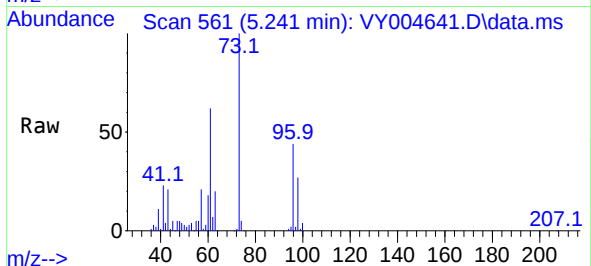
Tgt Ion: 43 Resp: 54561  
Ion Ratio Lower Upper  
43 100  
74 21.1 17.2 25.8





#19  
Methyl tert-butyl Ether  
Concen: 53.35 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

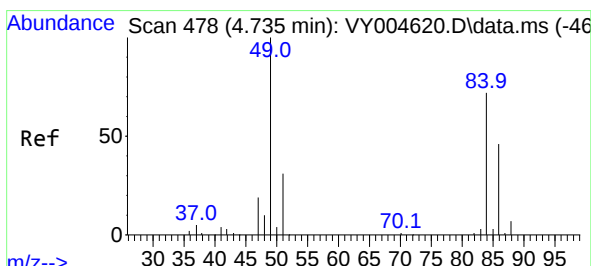
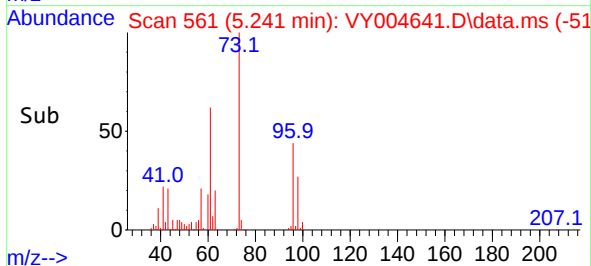
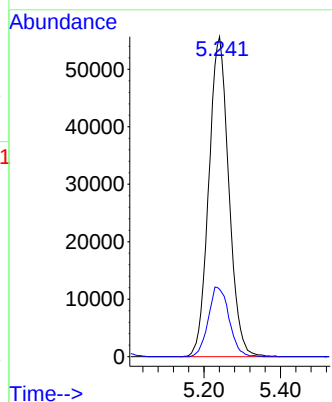
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Tgt Ion: 73 Resp: 201920  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.4 27.6

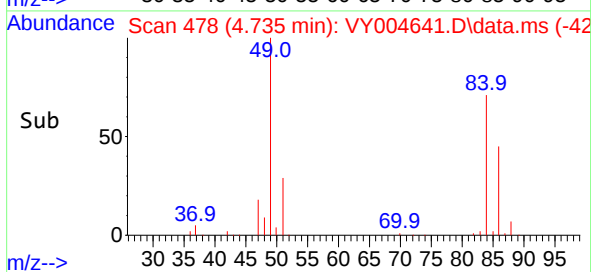
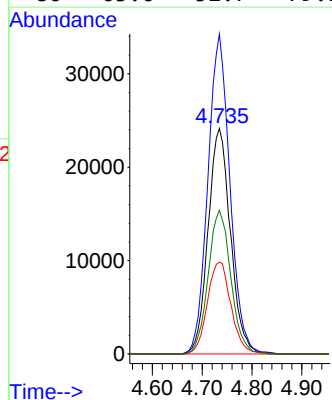
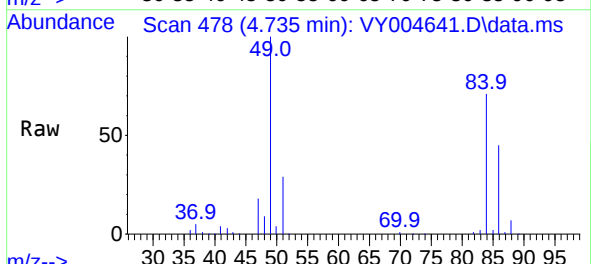
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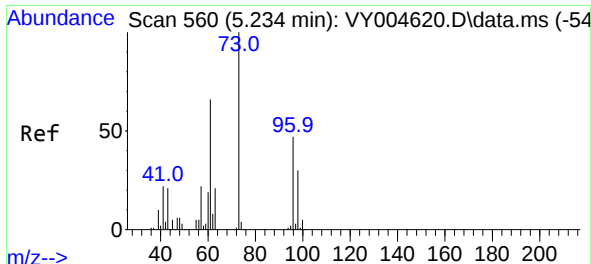
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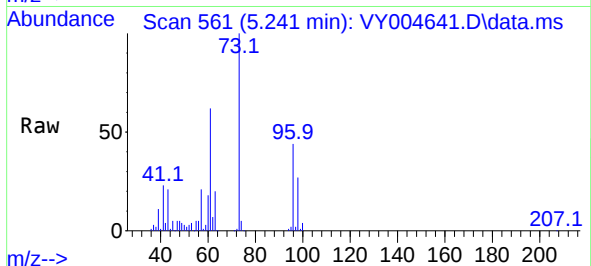
#20  
Methylene Chloride  
Concen: 54.11 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 84 Resp: 75360  
Ion Ratio Lower Upper  
84 100  
49 141.8 111.2 166.8  
51 40.7 33.4 50.2  
86 63.6 52.7 79.1

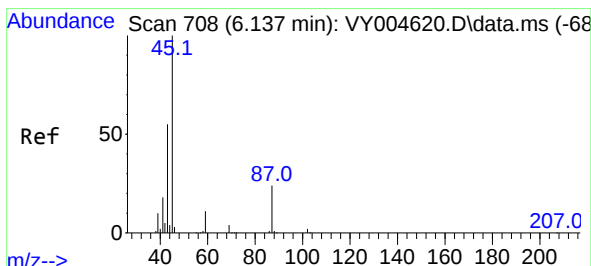
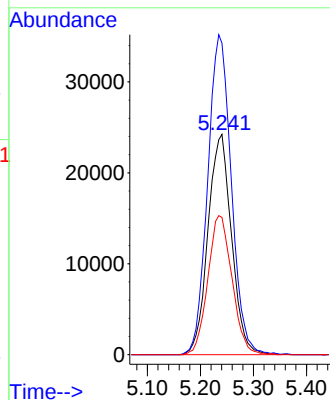
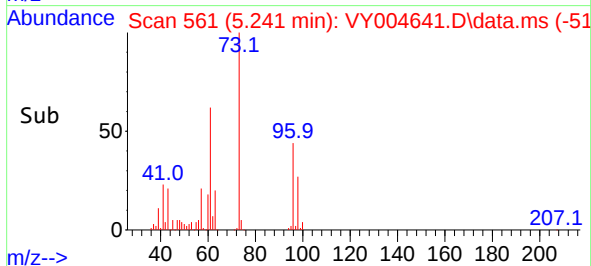




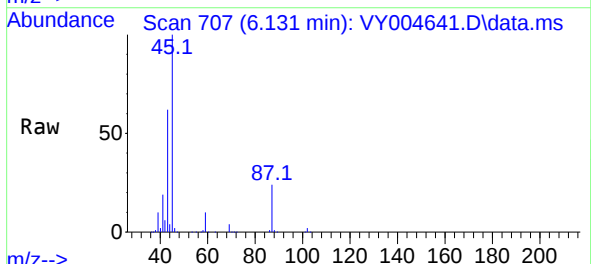
#21  
trans-1,2-Dichloroethene  
Concen: 52.59 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



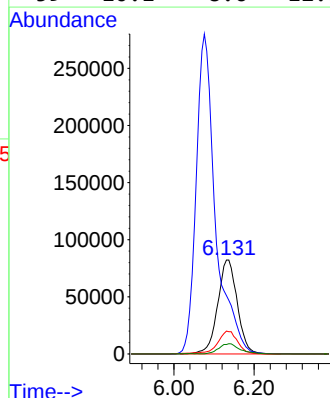
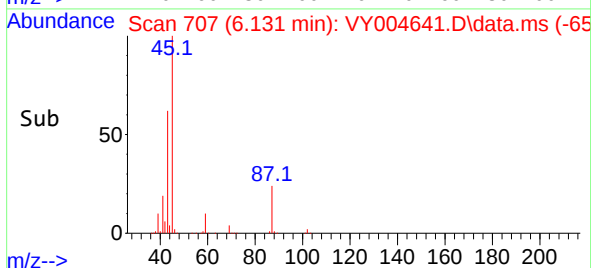
Tgt Ion: 96 Resp: 74958  
Ion Ratio Lower Upper  
96 100  
61 141.4 116.5 174.7  
98 62.3 52.0 78.0



#22  
Diisopropyl ether  
Concen: 54.72 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



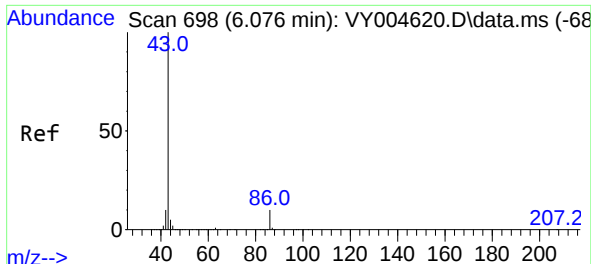
Tgt Ion: 45 Resp: 278663  
Ion Ratio Lower Upper  
45 100  
43 61.9 46.3 69.5  
87 24.4 20.3 30.5  
59 10.1 8.6 12.8



Instrument :  
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ClientSampleId :  
VSTDCCC050

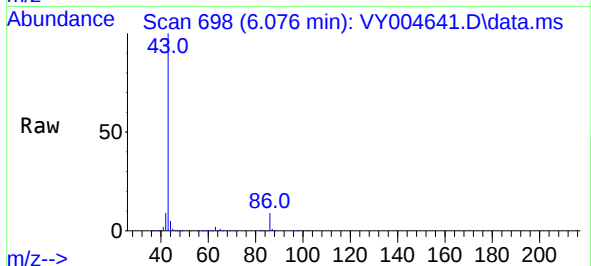
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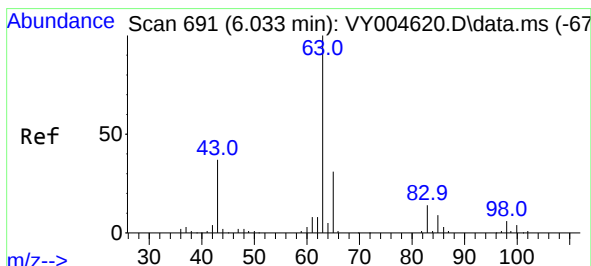
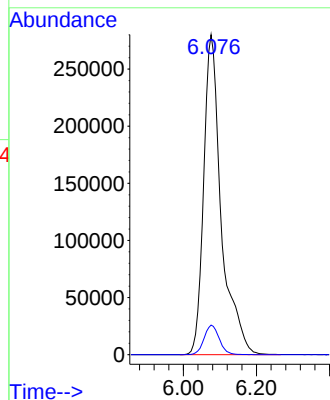
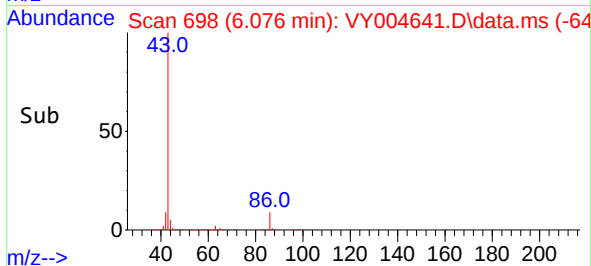


#23  
 Vinyl Acetate  
 Concen: 270.17 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY004641.D  
 Acq: 27 Apr 2021 08:47

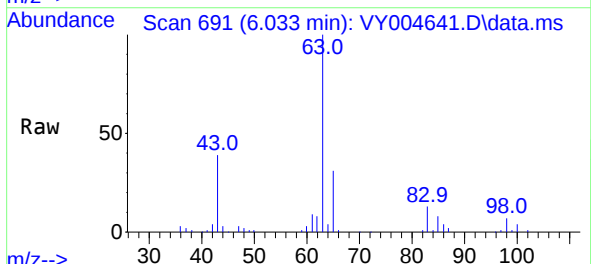
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050



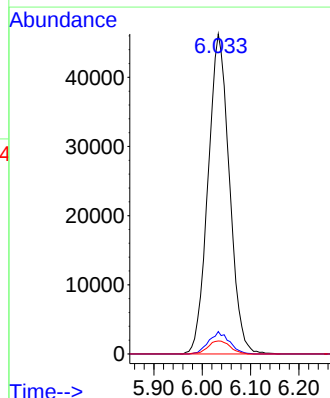
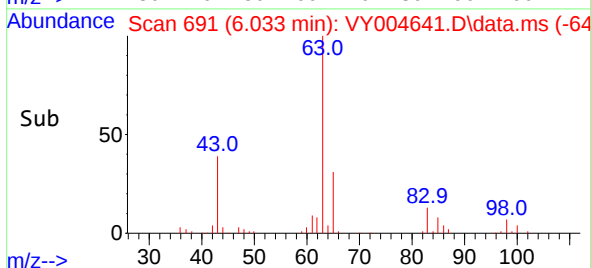
Tgt Ion: 43 Resp: 936610  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 7.6 11.4

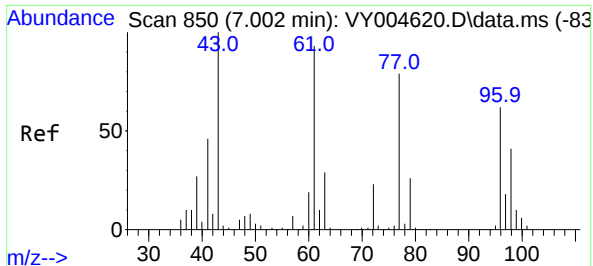


#24  
 1,1-Dichloroethane  
 Concen: 54.46 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY004641.D  
 Acq: 27 Apr 2021 08:47



Tgt Ion: 63 Resp: 141694  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.9  
 100 4.0 2.0 6.0





#25

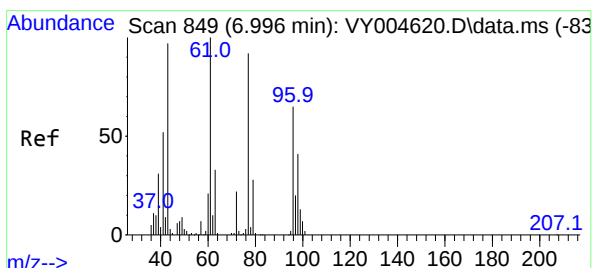
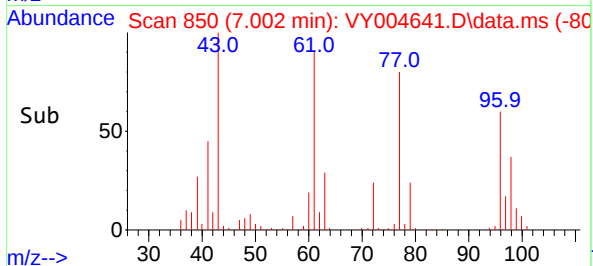
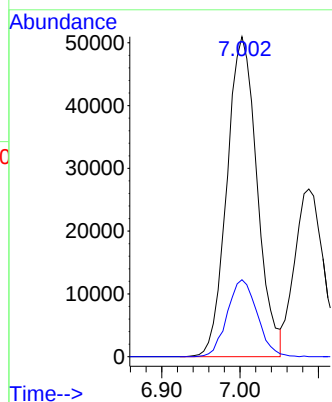
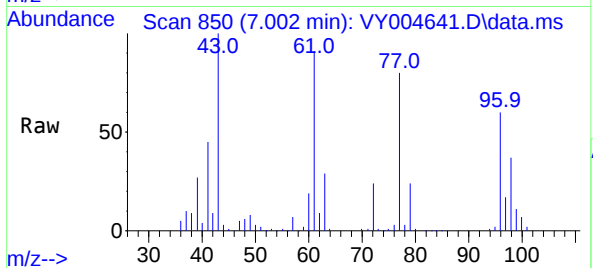
2-Butanone  
Concen: 248.76 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 43 Resp: 136627  
Ion Ratio Lower Upper  
43 100  
72 24.1 20.2 30.2

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050

Manual Integrations  
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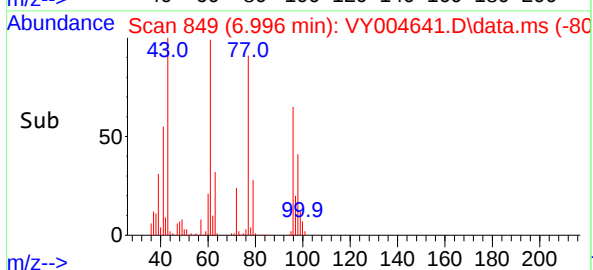
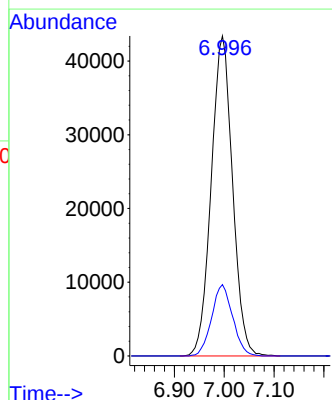
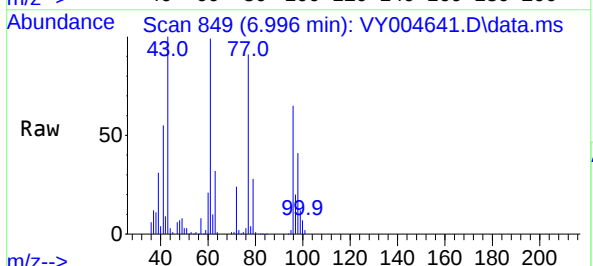
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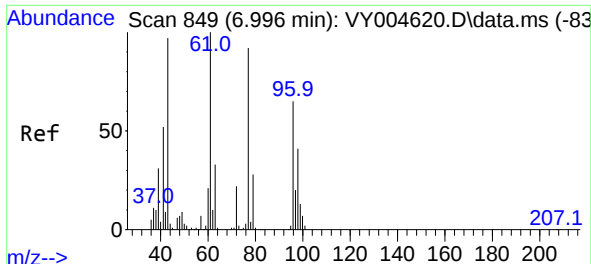


#26

2,2-Dichloropropane  
Concen: 55.13 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

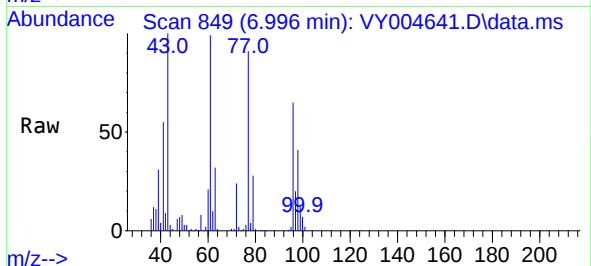
Tgt Ion: 77 Resp: 128696  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.1 33.3





#27  
cis-1,2-Dichloroethene  
Concen: 54.06 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

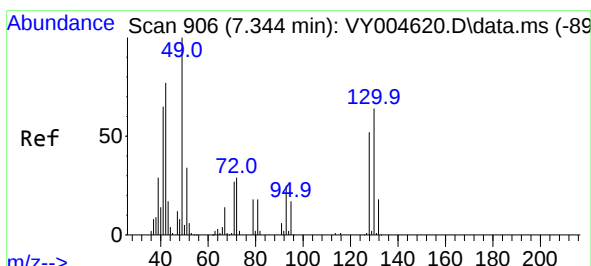
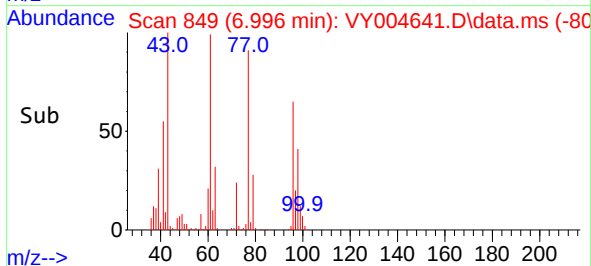
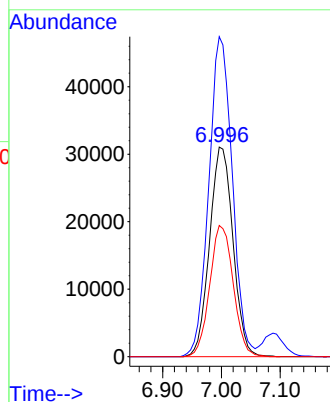


Tgt Ion: 96 Resp: 86212

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 152.7 | 0.0   | 303.2 |
| 98  | 62.7  | 0.0   | 130.0 |

Manual Integrations  
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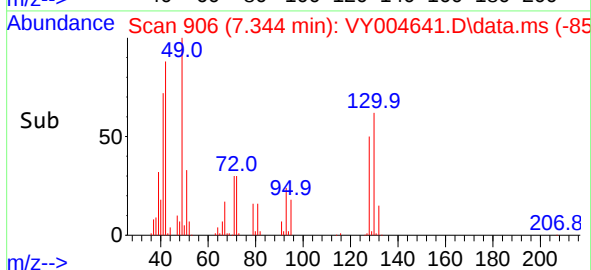
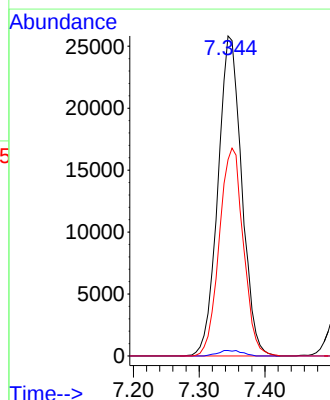
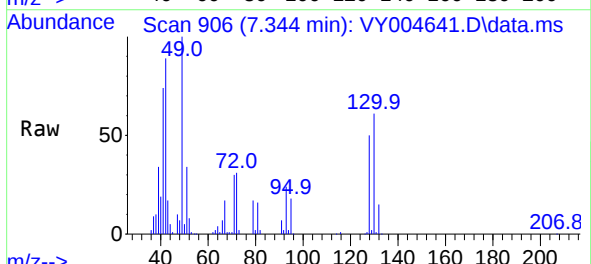
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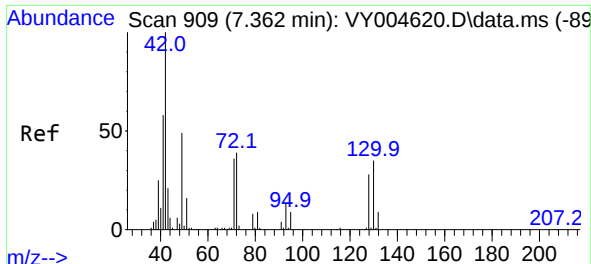


#28  
Bromochloromethane  
Concen: 55.00 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 49 Resp: 65031

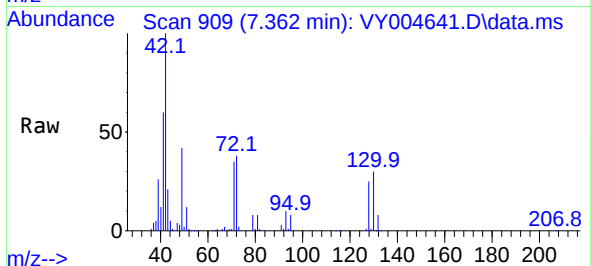
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 3.8   |
| 130 | 65.7  | 53.9  | 80.9  |





#29  
Tetrahydrofuran  
Concen: 261.44 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

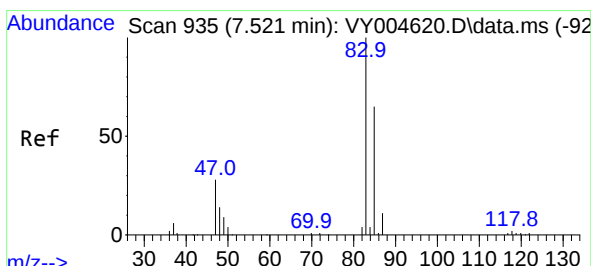
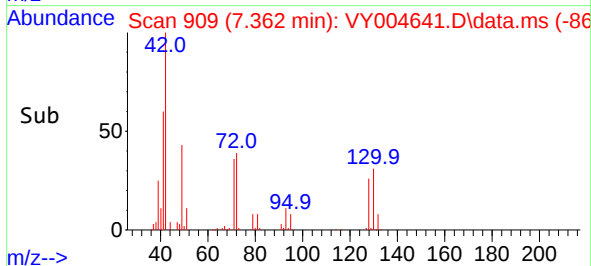
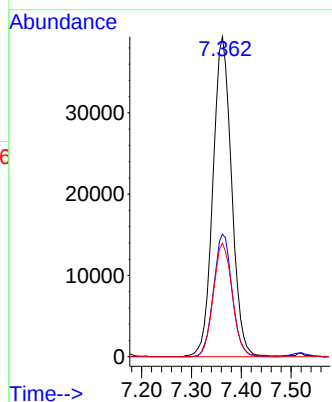
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



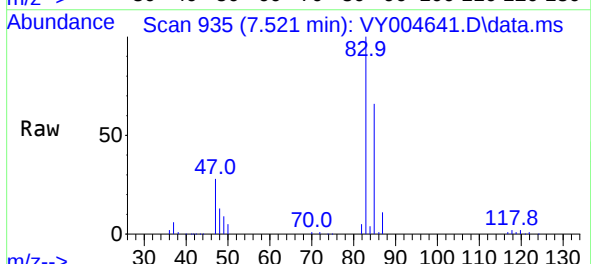
Tgt Ion: 42 Resp: 102593  
Ion Ratio Lower Upper  
42 100  
72 38.0 31.0 46.4  
71 35.8 28.8 43.2

Manual Integrations  
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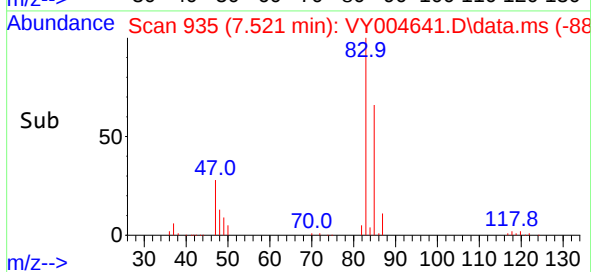
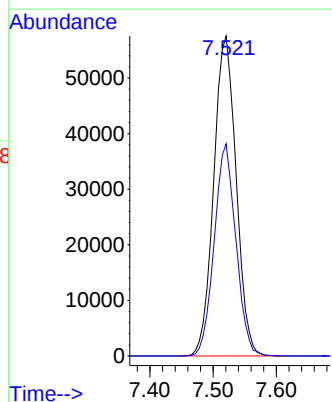
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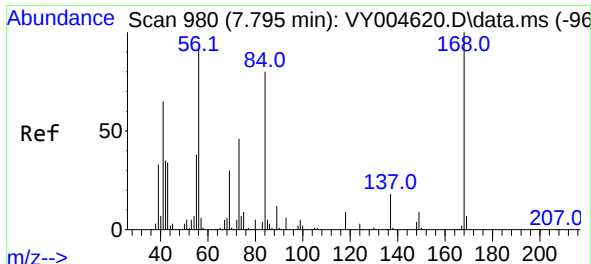


#30  
Chloroform  
Concen: 55.39 ug/l  
RT: 7.521 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



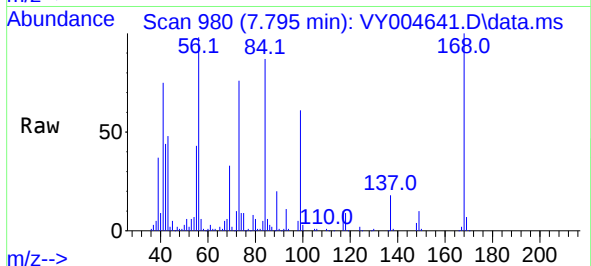
Tgt Ion: 83 Resp: 141595  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.3 76.9





#31  
Cyclohexane  
Concen: 50.19 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

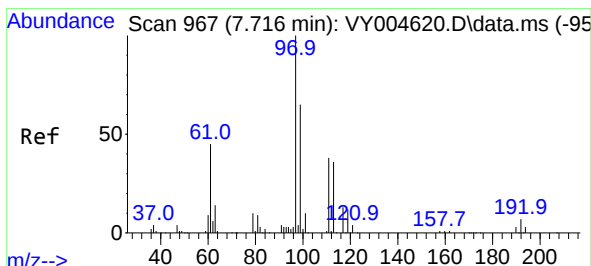
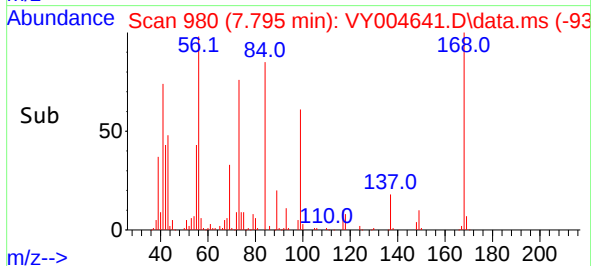
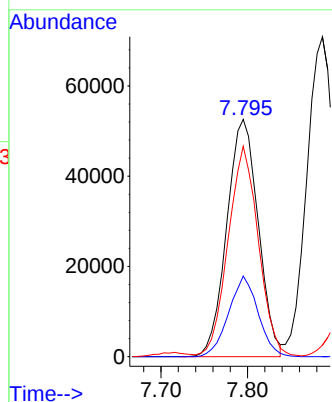
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



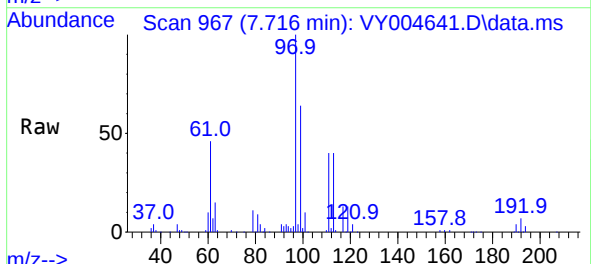
Tgt Ion: 56 Resp: 132658  
Ion Ratio Lower Upper  
56 100  
69 34.0 25.8 38.6  
84 87.2 68.2 102.4

Manual Integrations  
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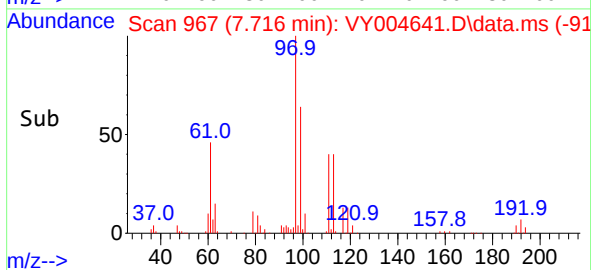
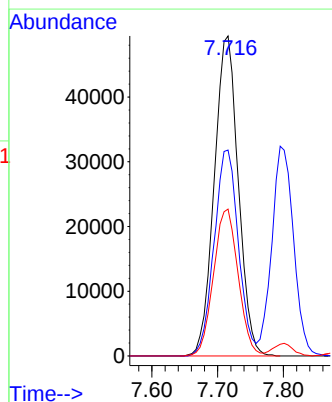
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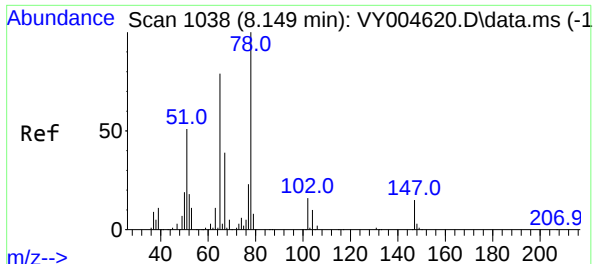


#32  
1,1,1-Trichloroethane  
Concen: 54.23 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



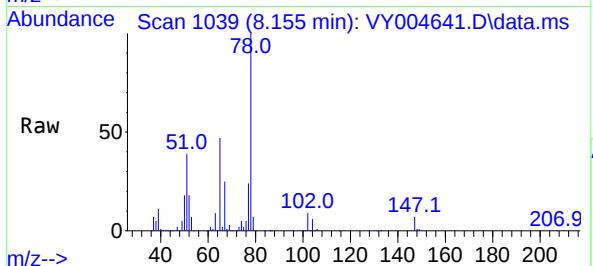
Tgt Ion: 97 Resp: 125779  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.2 76.8  
61 47.1 36.2 54.2





#33  
1,2-Dichloroethane-d4  
Concen: 57.51 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

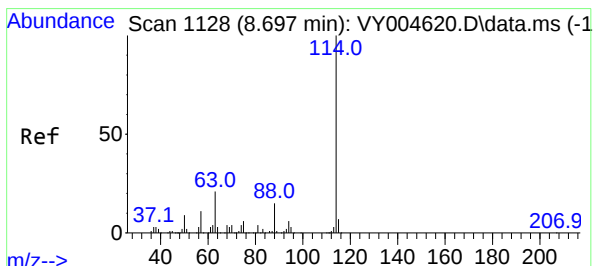
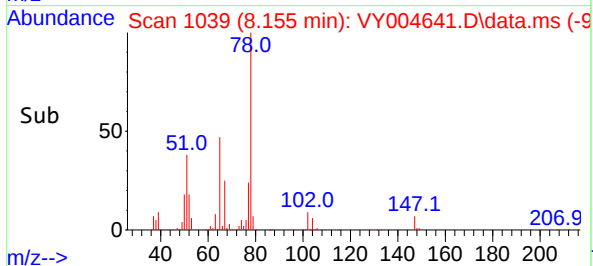
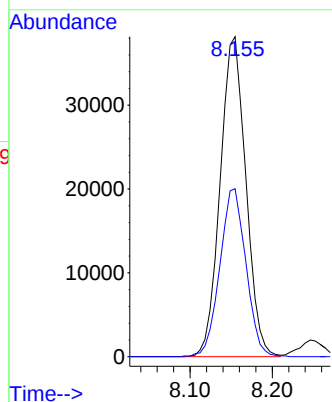
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



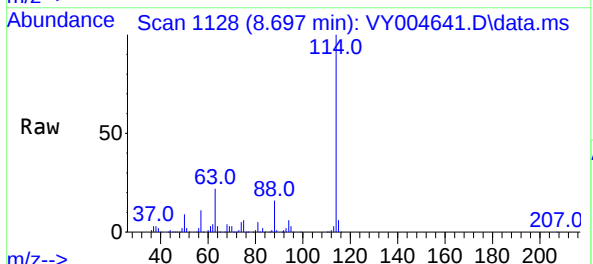
Tgt Ion: 65 Resp: 82920  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 106.4

Manual Integrations  
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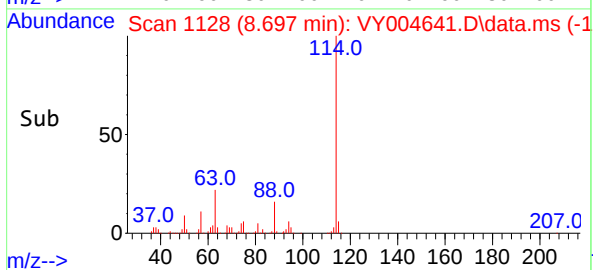
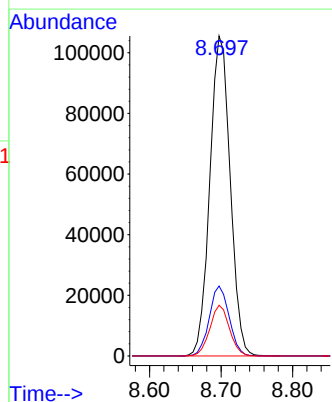
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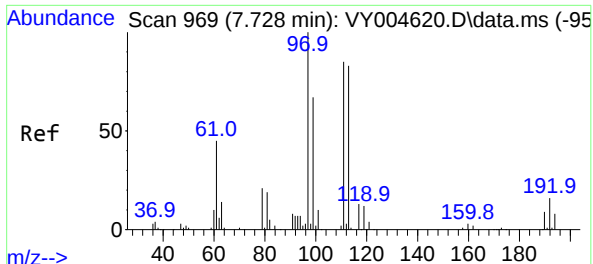


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

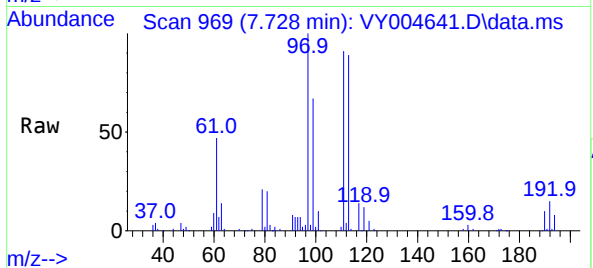


Tgt Ion: 114 Resp: 208468  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 42.4  
88 15.8 0.0 30.8

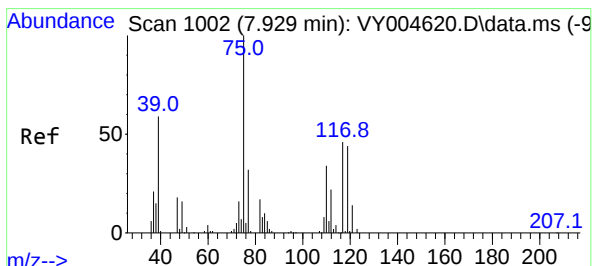
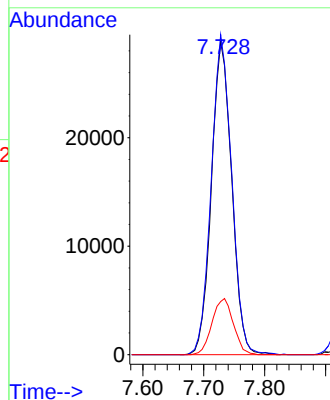
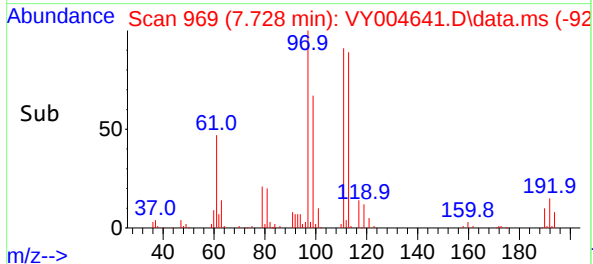




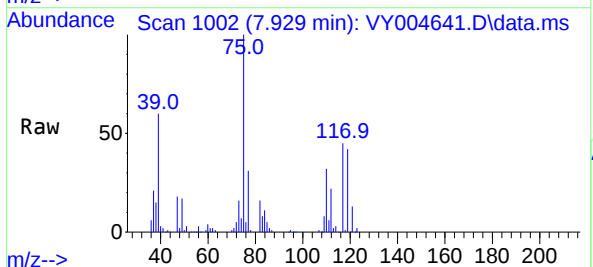
#35  
Dibromofluoromethane  
Concen: 57.68 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



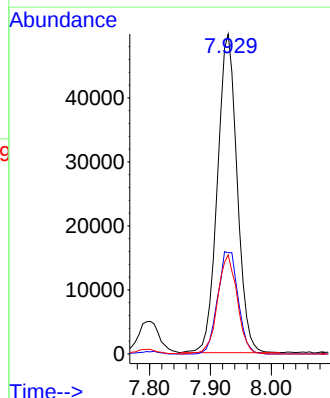
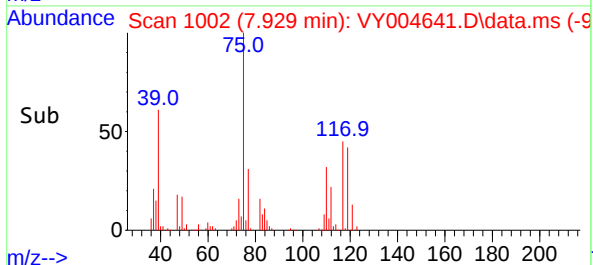
Tgt Ion: 113 Resp: 66730  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 123.8  
192 18.8 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 54.09 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



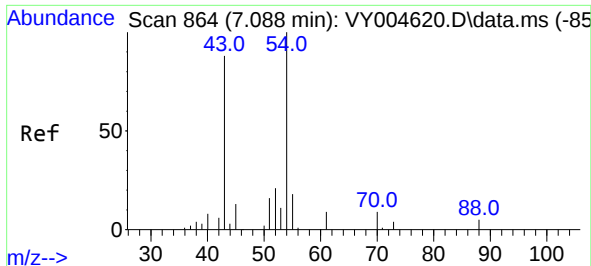
Tgt Ion: 75 Resp: 112044  
Ion Ratio Lower Upper  
75 100  
110 33.3 17.3 51.7  
77 31.0 24.3 36.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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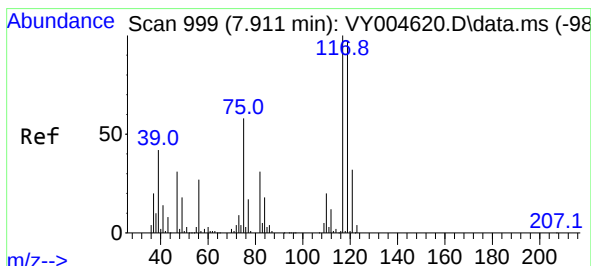
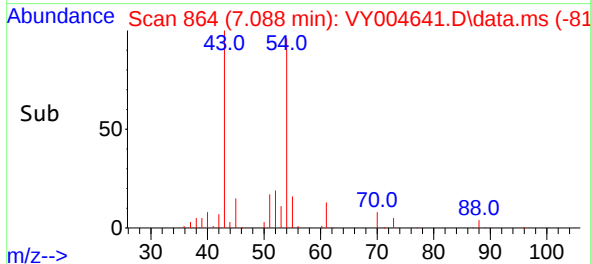
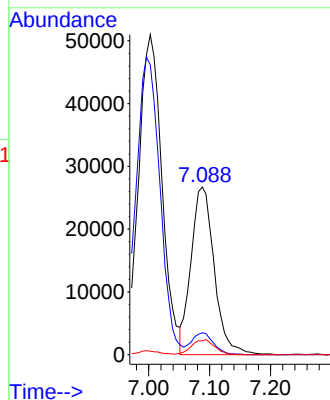
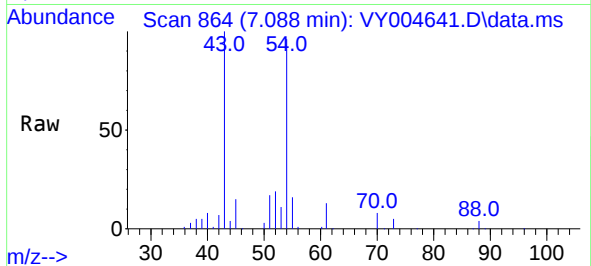
#37  
Ethyl Acetate  
Concen: 53.08 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 70802 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.4  | 10.4  | 15.6  |
| 70       | 8.8   | 7.5   | 11.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

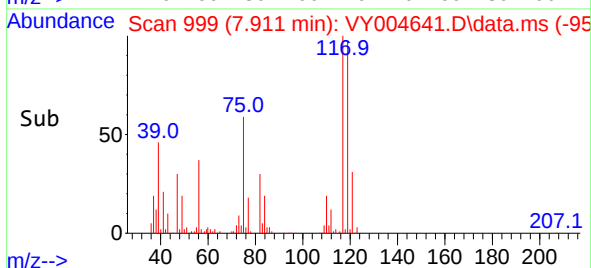
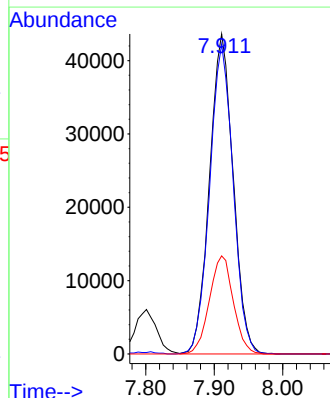
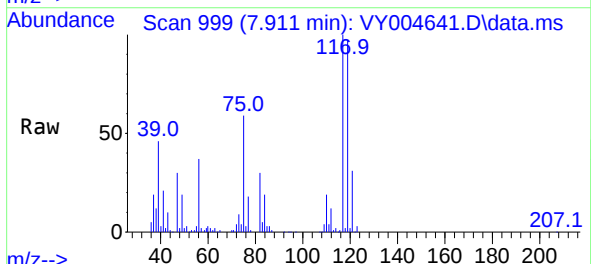
Manual Integrations  
APPROVED

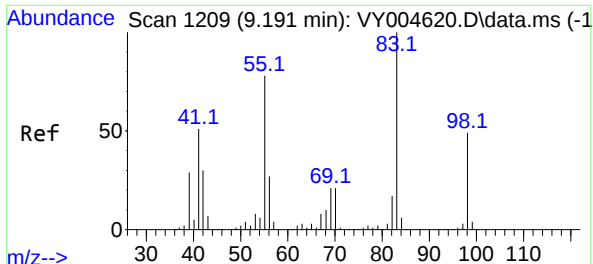
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#38  
Carbon Tetrachloride  
Concen: 58.30 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104409 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 75.8  | 113.8  |
| 121      | 30.6  | 25.3  | 37.9   |





#39

Methylcyclohexane

Concen: 53.04 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY004641.D

Acq: 27 Apr 2021 08:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 135278 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 76.8  | 63.0  | 94.4   |
| 98       | 47.1  | 39.2  | 58.8   |

Instrument :

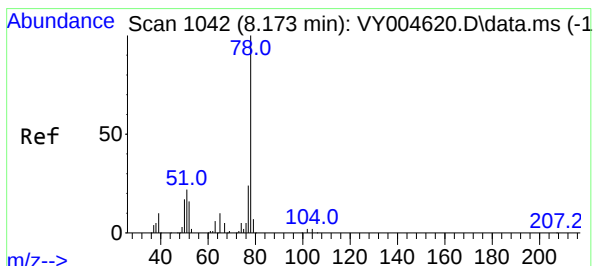
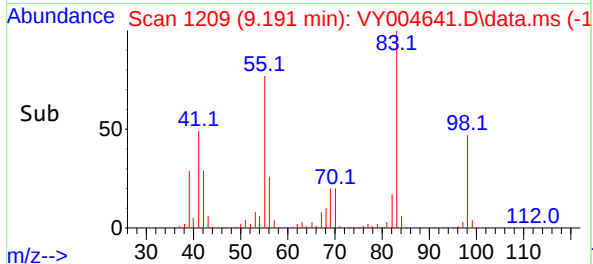
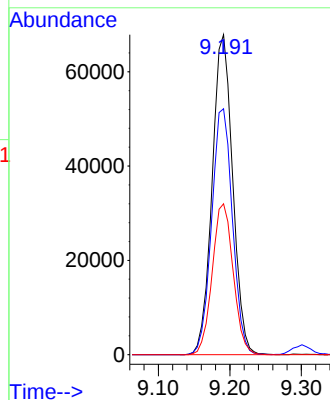
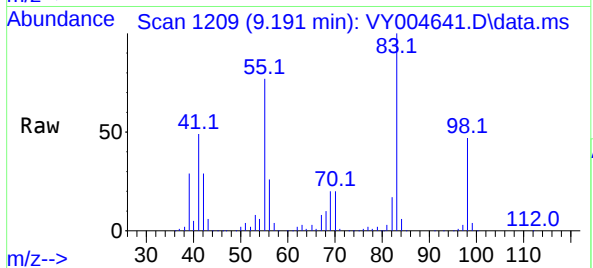
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ClientSampleId :

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#40

Benzene

Concen: 54.17 ug/l

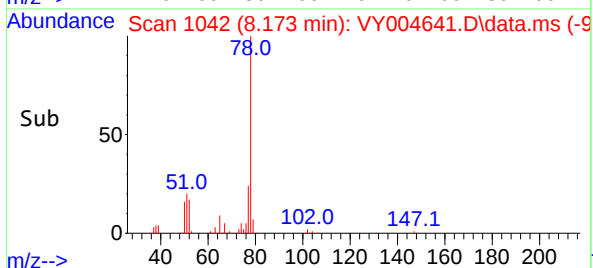
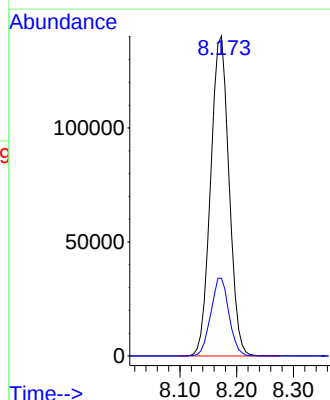
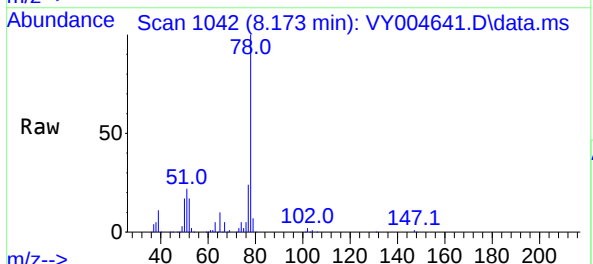
RT: 8.173 min Scan# 1042

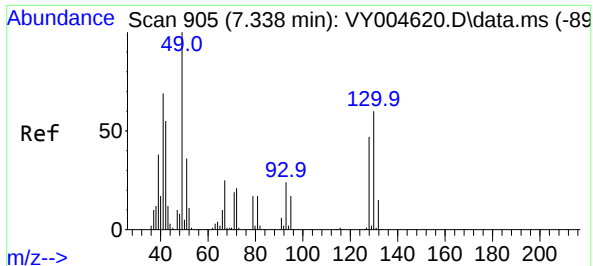
Delta R.T. 0.000 min

Lab File: VY004641.D

Acq: 27 Apr 2021 08:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 315376 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.3  | 19.4  | 29.0   |





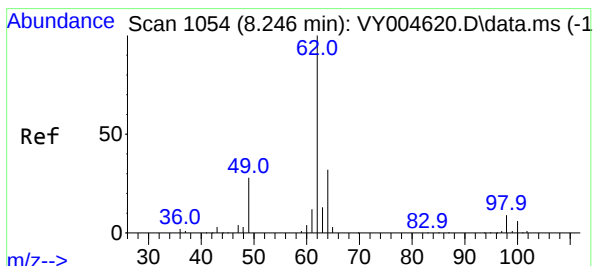
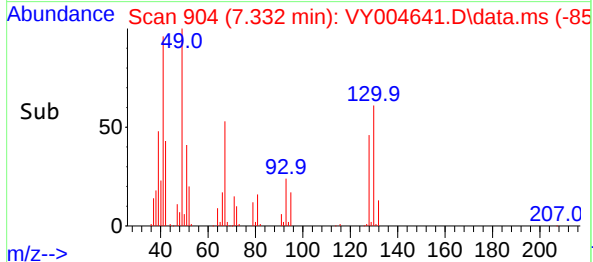
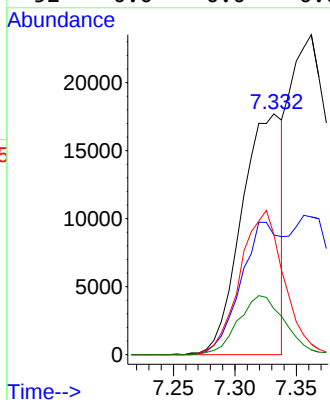
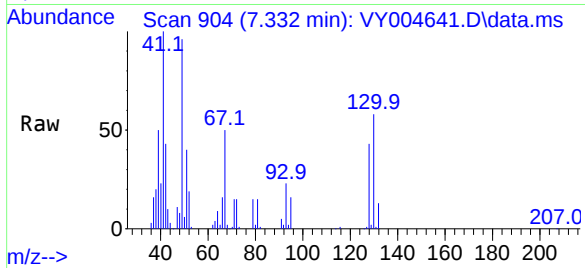
#41  
Methacrylonitrile  
Concen: 50.73 ug/l m  
RT: 7.332 min Scan# 904  
Delta R.T. -0.012 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41015 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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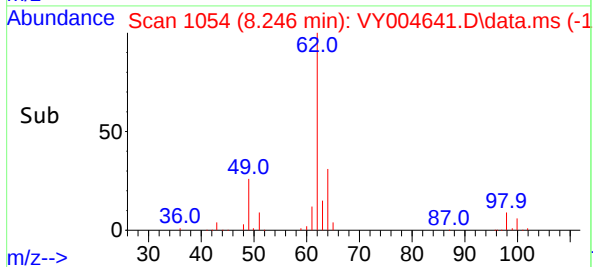
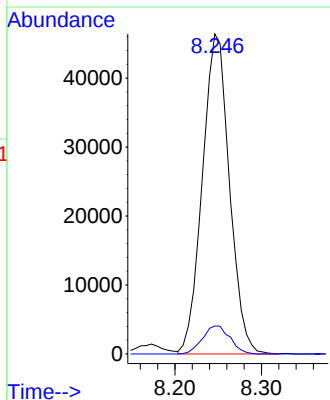
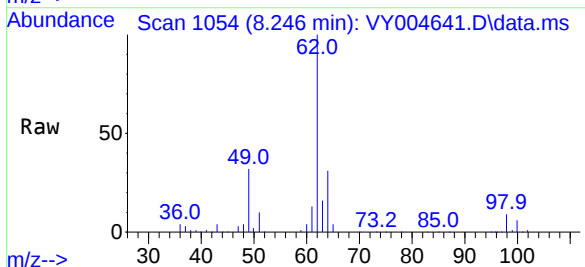
Manual Integrations  
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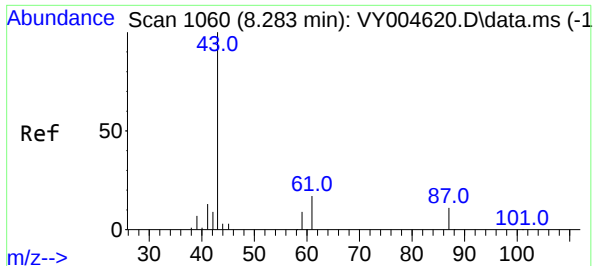
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#42  
1,2-Dichloroethane  
Concen: 55.18 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 100771 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 18.2   |





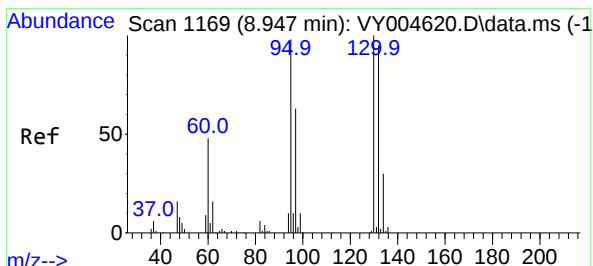
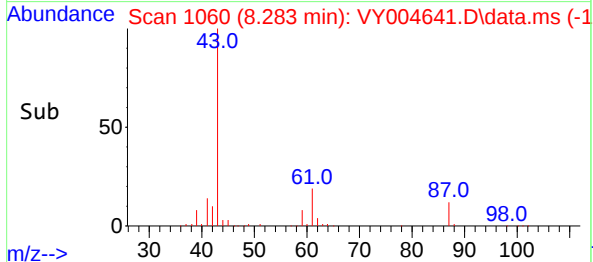
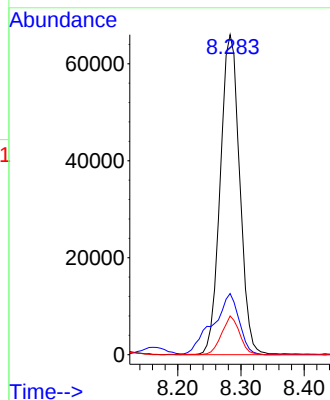
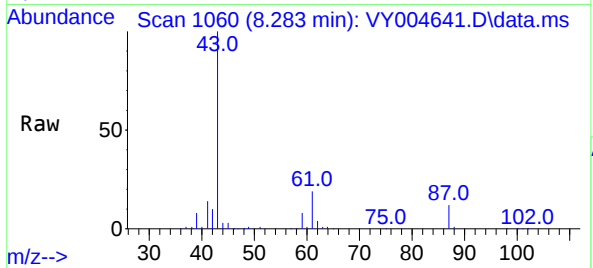
#43  
Isopropyl Acetate  
Concen: 55.41 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 43 Resp: 140131  
Ion Ratio Lower Upper  
43 100  
61 26.0 20.9 31.3  
87 11.2 9.1 13.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

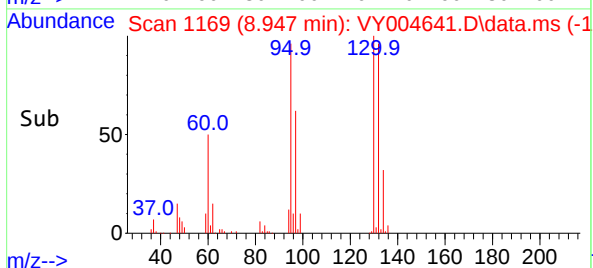
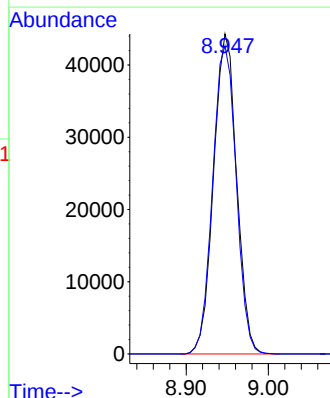
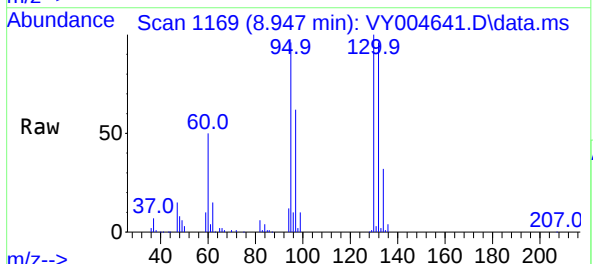
Manual Integrations  
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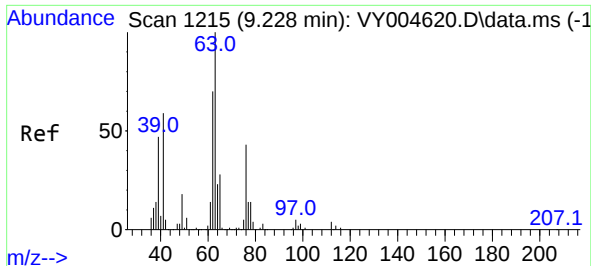
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#44  
Trichloroethene  
Concen: 54.45 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

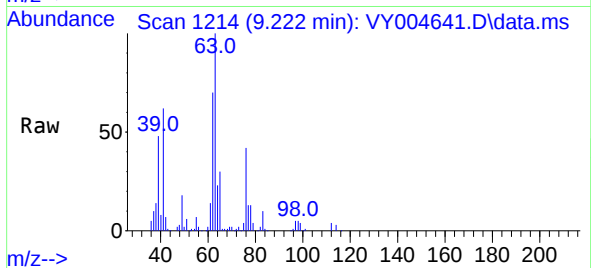
Tgt Ion:130 Resp: 86438  
Ion Ratio Lower Upper  
130 100  
95 96.3 0.0 190.4



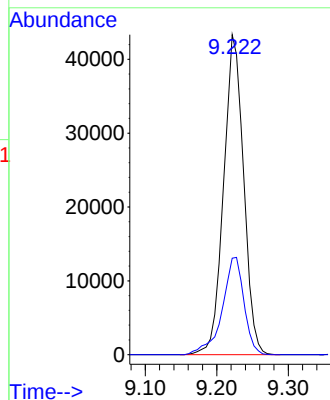
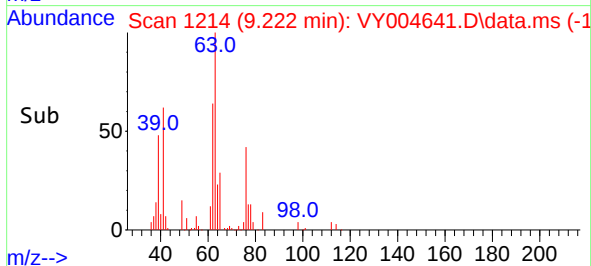


#45

1,2-Dichloropropane  
Concen: 55.94 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



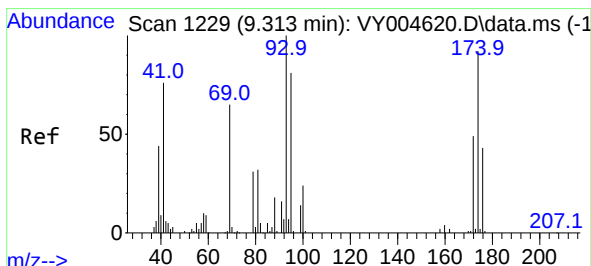
Tgt Ion: 63 Resp: 84054  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.4 36.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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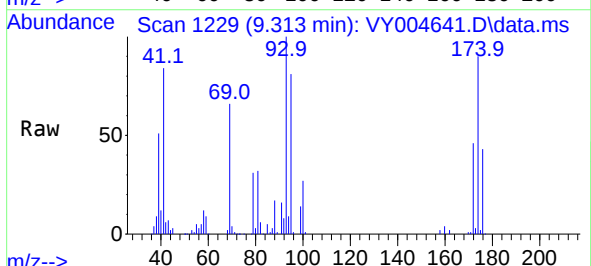
Manual Integrations  
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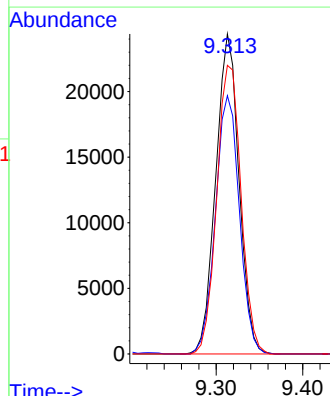
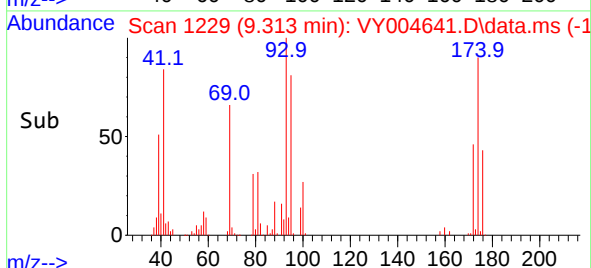


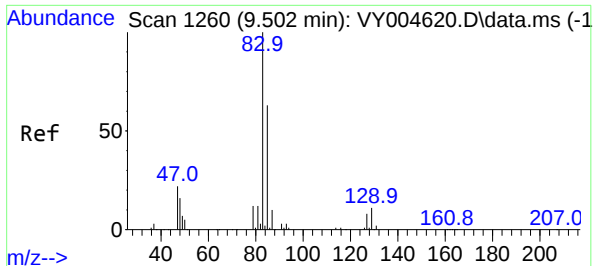
#46

Dibromomethane  
Concen: 55.64 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



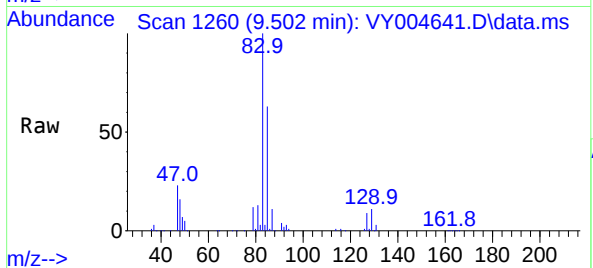
Tgt Ion: 93 Resp: 45510  
Ion Ratio Lower Upper  
93 100  
95 83.1 65.8 98.8  
174 94.1 77.8 116.6





#47  
Bromodichloromethane  
Concen: 56.34 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

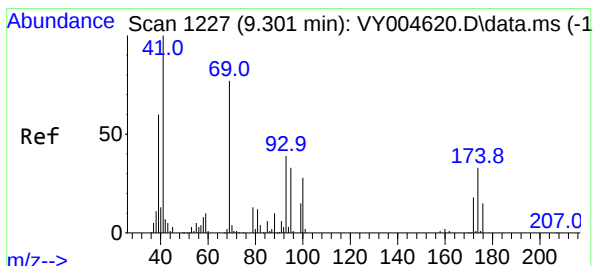
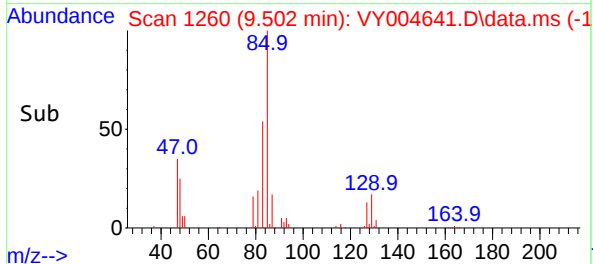
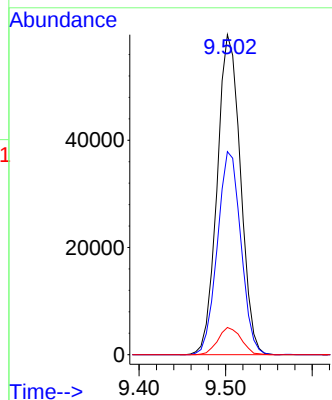
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



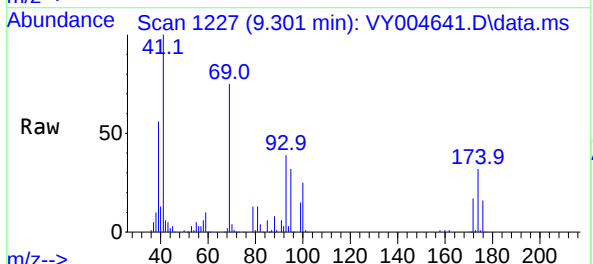
Tgt Ion: 83 Resp: 111565  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.7 76.1  
127 8.5 6.6 10.0

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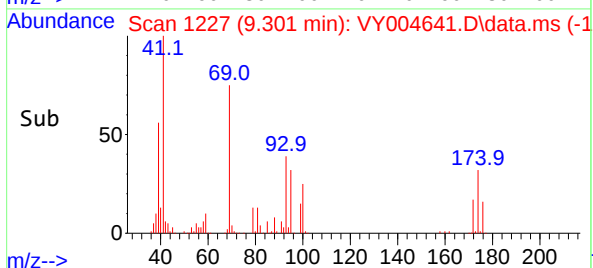
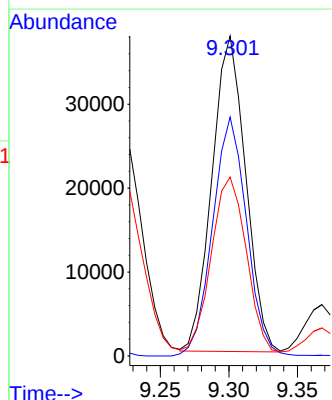
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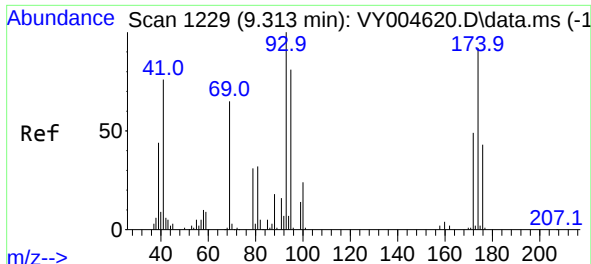


#48  
Methyl methacrylate  
Concen: 55.18 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

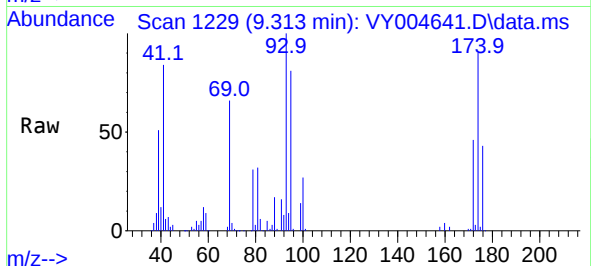


Tgt Ion: 41 Resp: 64266  
Ion Ratio Lower Upper  
41 100  
69 76.6 62.6 94.0  
39 57.5 47.2 70.8

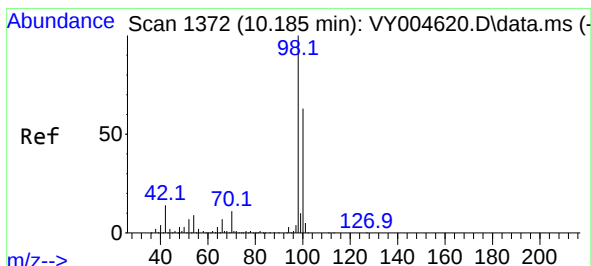
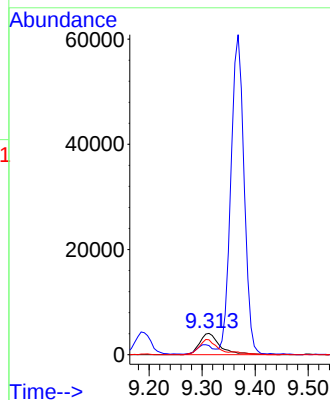
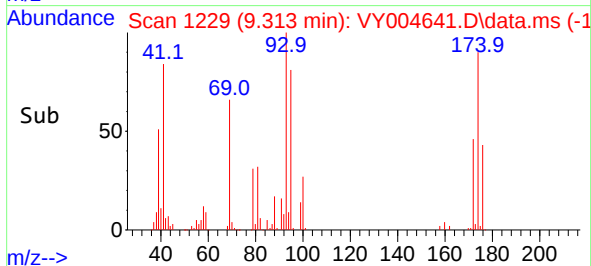




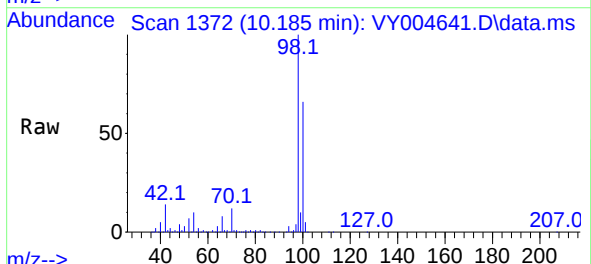
#49  
1,4-Dioxane  
Concen: 1020.40 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



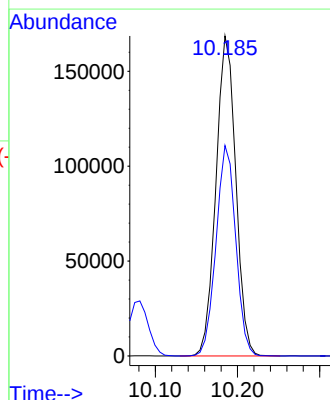
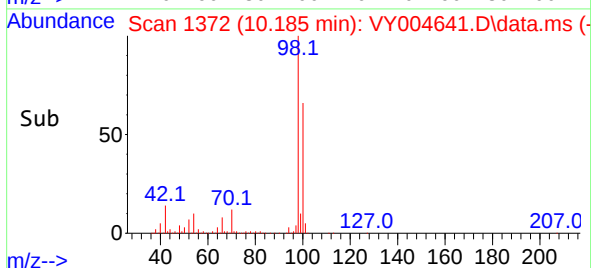
Tgt Ion: 88 Resp: 10901  
Ion Ratio Lower Upper  
88 100  
43 34.8 31.7 47.5  
58 61.1 55.7 83.5



#50  
Toluene-d8  
Concen: 57.43 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



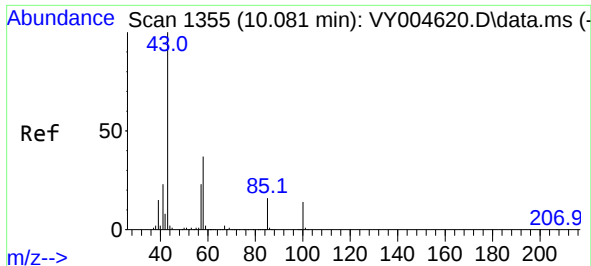
Tgt Ion: 98 Resp: 282601  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.8 77.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

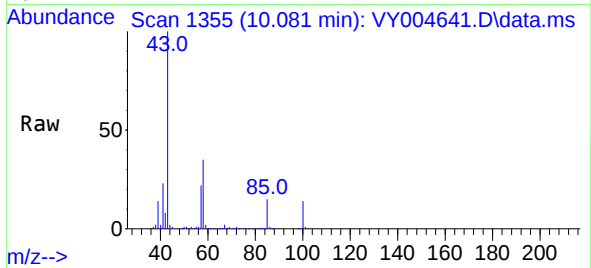
Manual Integrations  
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#51  
4-Methyl-2-Pentanone  
Concen: 283.12 ug/l  
RT: 10.081 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

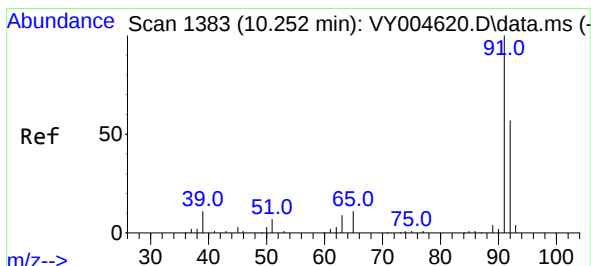
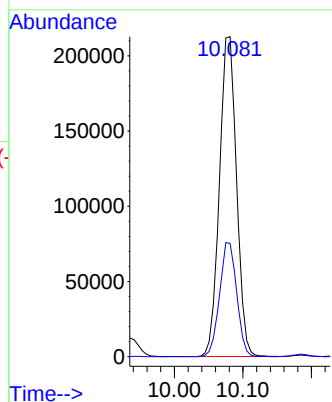
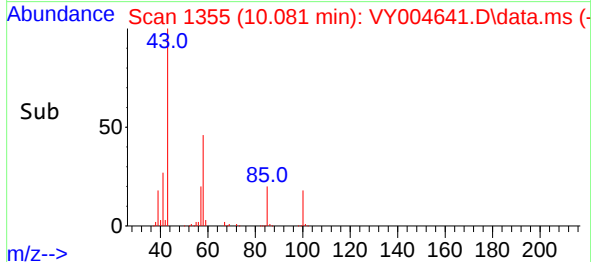
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



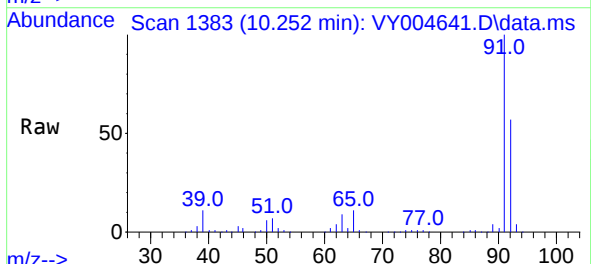
Tgt Ion: 43 Resp: 367774  
Ion Ratio Lower Upper  
43 100  
58 35.7 29.2 43.8

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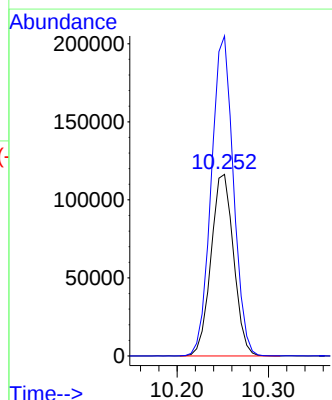
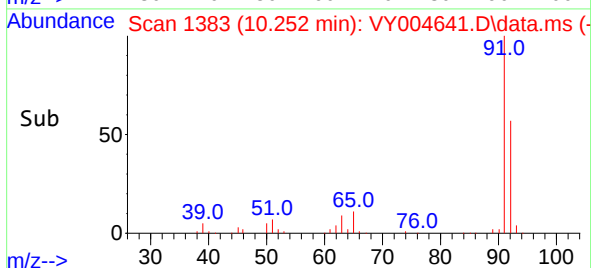
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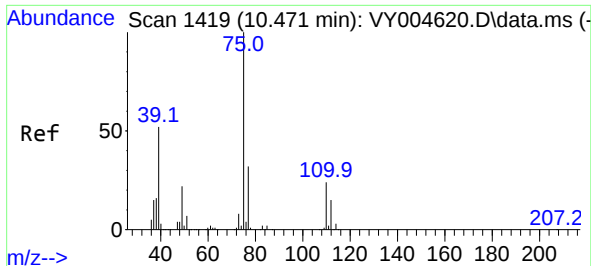


#52  
Toluene  
Concen: 52.92 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

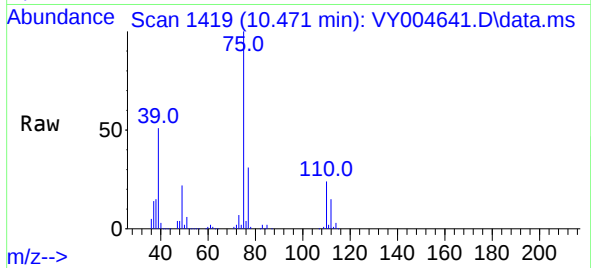


Tgt Ion: 92 Resp: 199357  
Ion Ratio Lower Upper  
92 100  
91 172.9 137.8 206.6

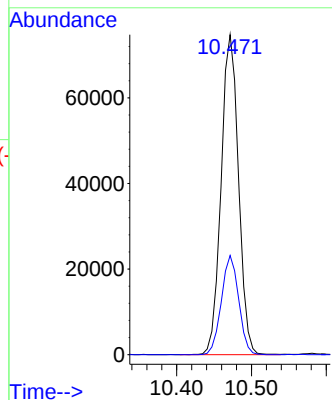




#53  
t-1,3-Dichloropropene  
Concen: 55.29 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



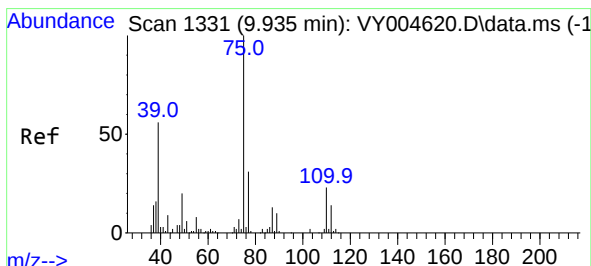
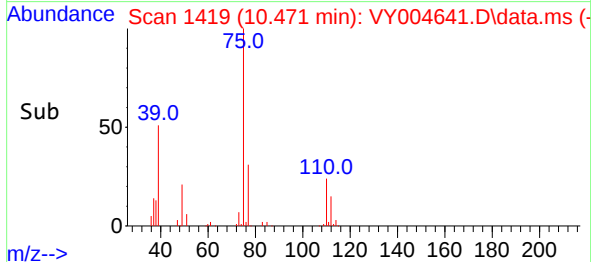
Tgt Ion: 75 Resp: 120774  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.2 37.8



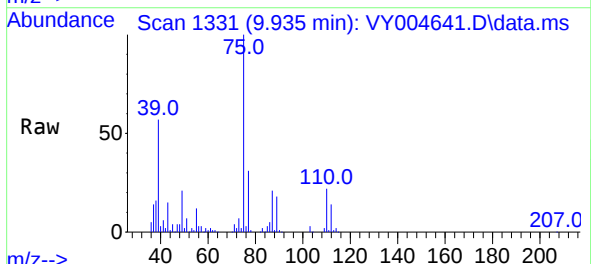
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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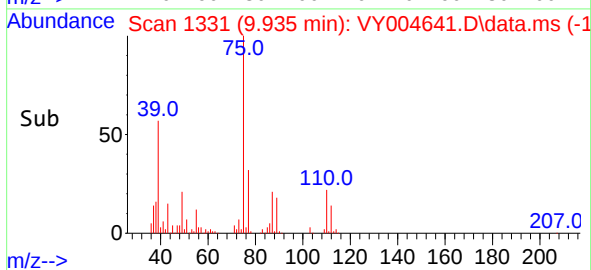
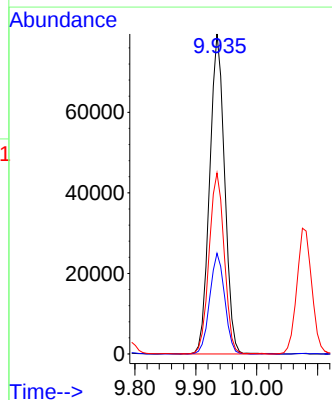
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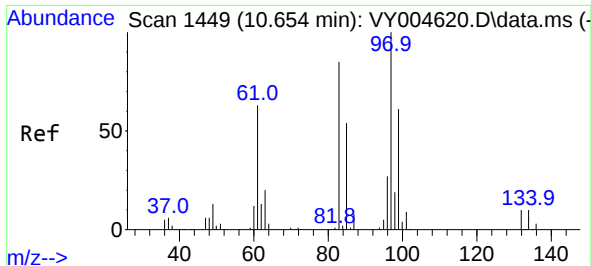


#54  
cis-1,3-Dichloropropene  
Concen: 54.81 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

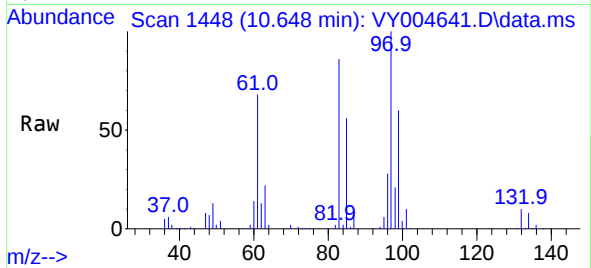


Tgt Ion: 75 Resp: 135955  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 37.0  
39 56.5 42.1 63.1

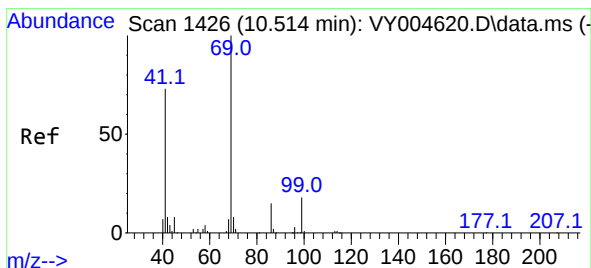
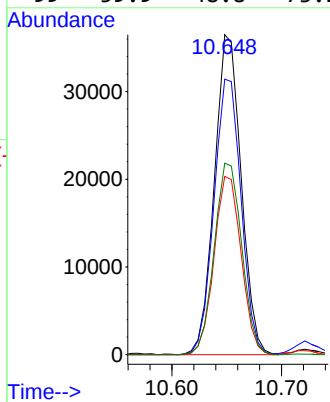
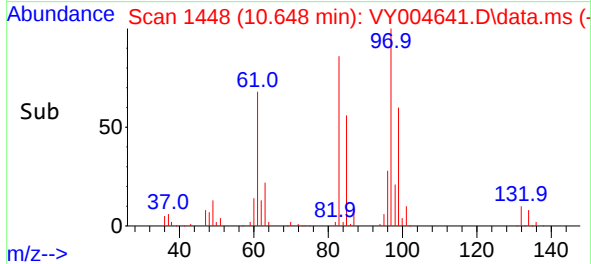




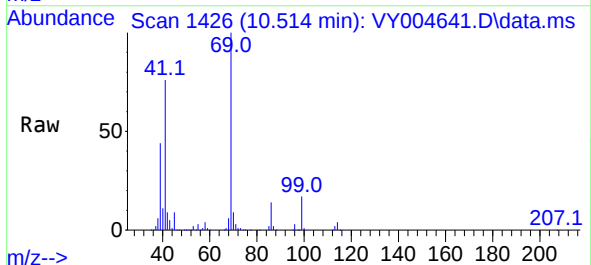
#55  
1,1,2-Trichloroethane  
Concen: 55.01 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



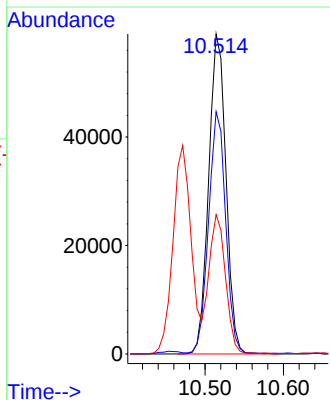
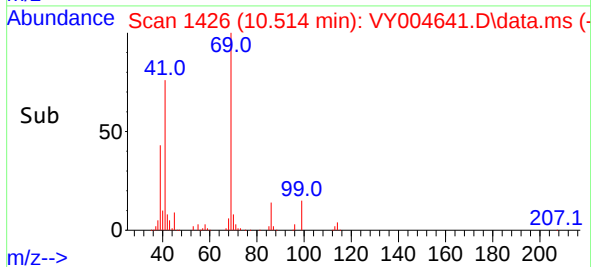
| Tgt Ion: | 97    | Resp: | 62006 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.1  | 68.4  | 102.6 |
| 85       | 55.7  | 46.2  | 69.4  |
| 99       | 59.9  | 48.8  | 73.2  |



#56  
Ethyl methacrylate  
Concen: 55.29 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



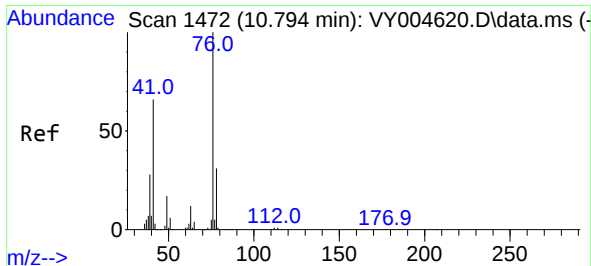
| Tgt Ion: | 69    | Resp: | 90370 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 74.7  | 59.2  | 88.8  |
| 39       | 41.2  | 31.0  | 46.6  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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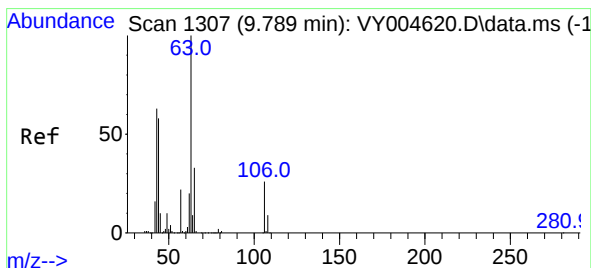
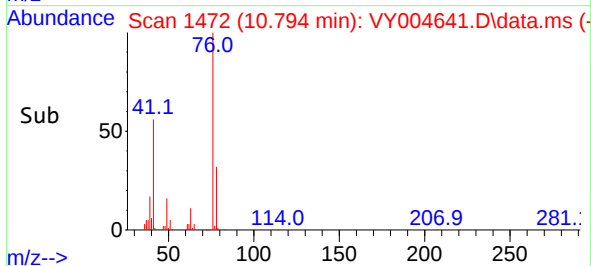
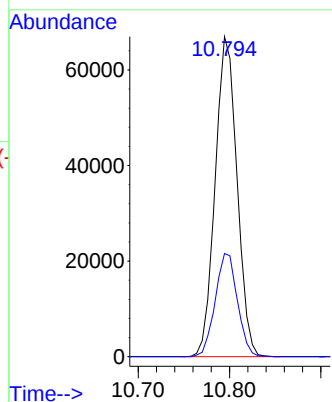
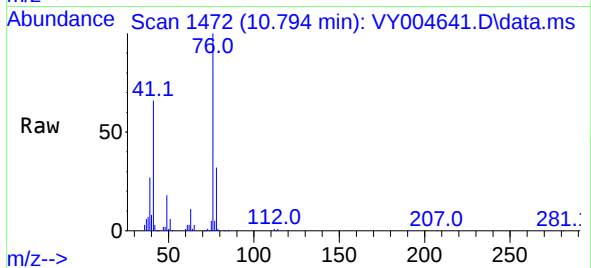
#57  
1,3-Dichloropropane  
Concen: 55.32 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 76 Resp: 111259  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.9 38.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

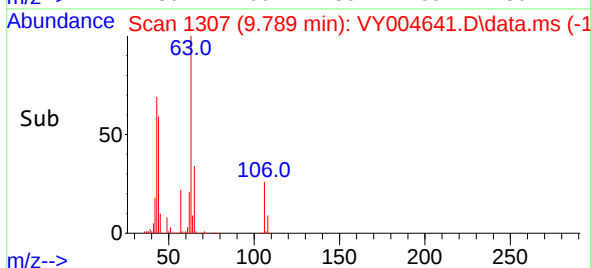
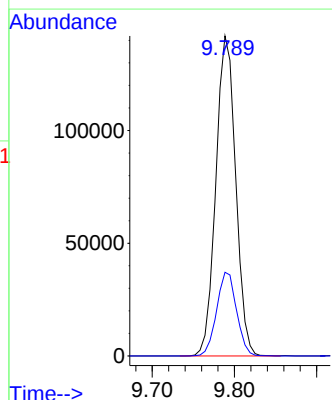
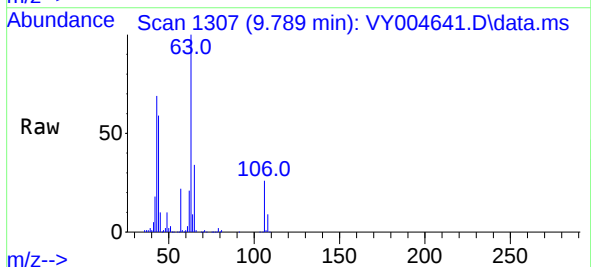
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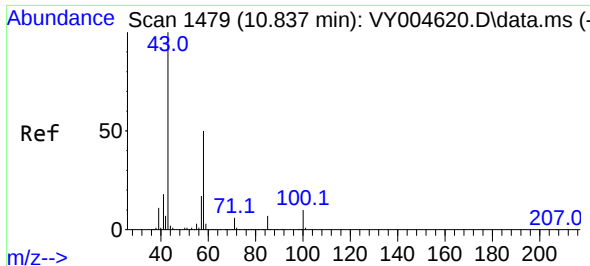
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#58  
2-Chloroethyl Vinyl ether  
Concen: 284.32 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

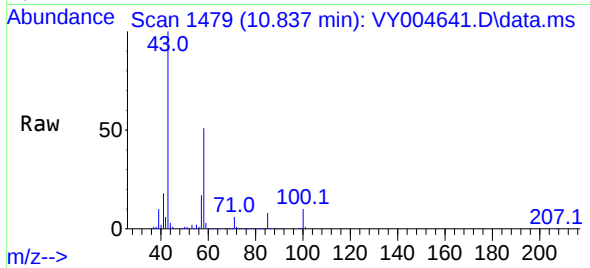
Tgt Ion: 63 Resp: 237774  
Ion Ratio Lower Upper  
63 100  
106 26.3 21.7 32.5





#59  
2-Hexanone  
Concen: 276.81 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

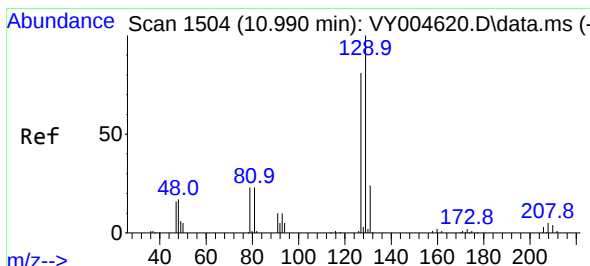
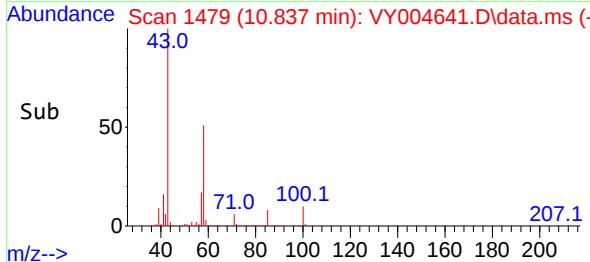
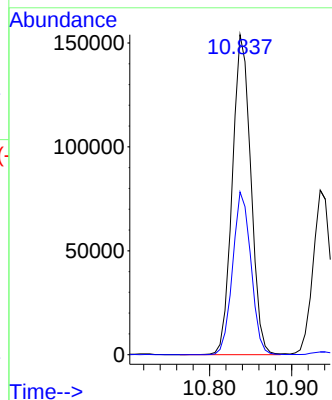
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 241048  
Ion Ratio Lower Upper  
43 100  
58 50.4 25.4 76.4

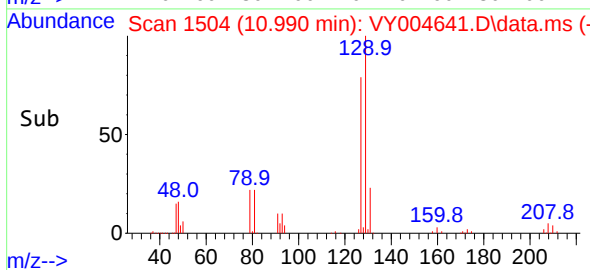
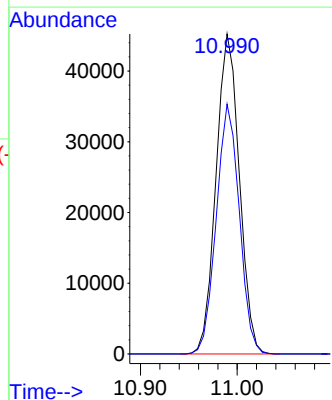
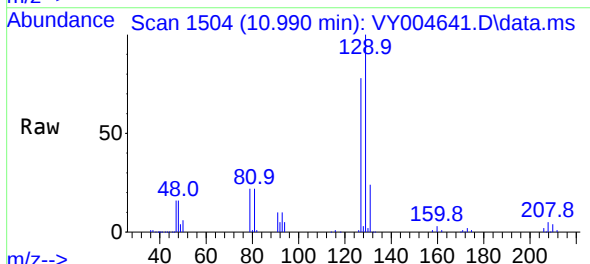
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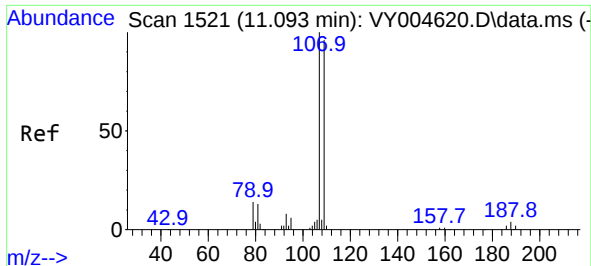
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#60  
Dibromochloromethane  
Concen: 56.51 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

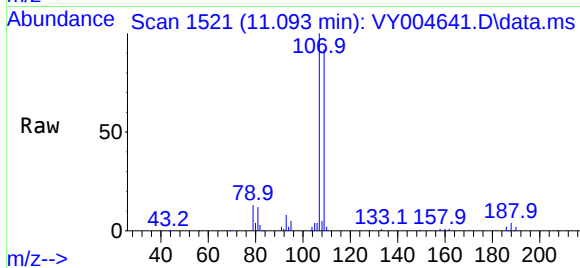
Tgt Ion: 129 Resp: 75698  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.9 116.7





#61  
1,2-Dibromoethane  
Concen: 54.79 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

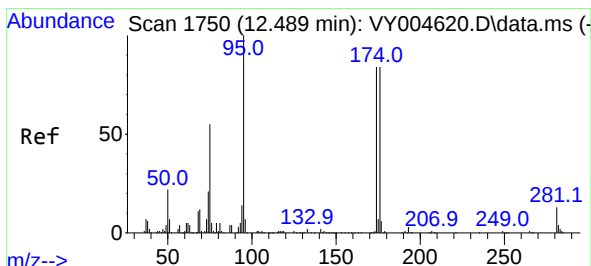
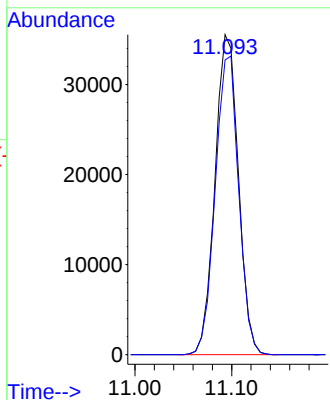
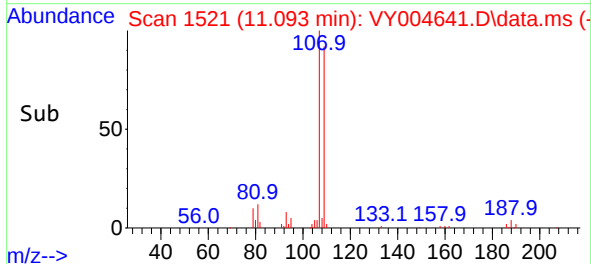
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



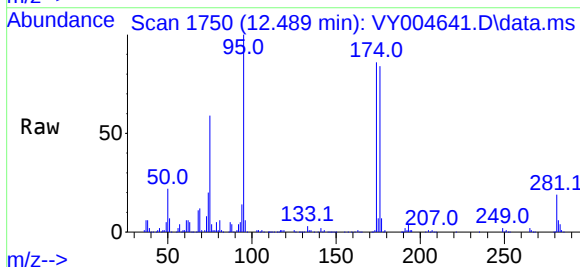
Tgt Ion:107 Resp: 59542  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.5 113.3

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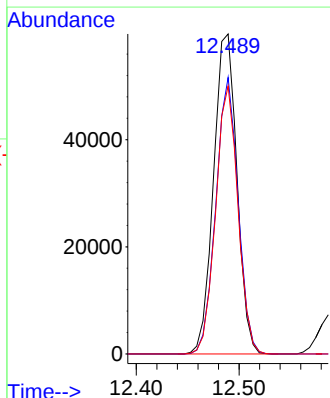
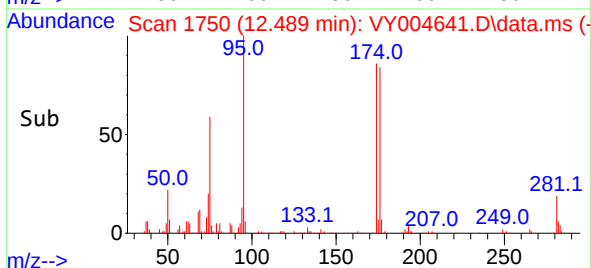
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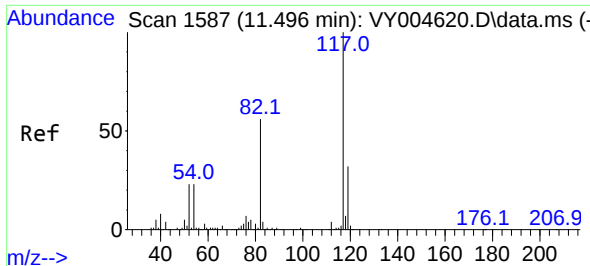


#62  
4-Bromofluorobenzene  
Concen: 56.32 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



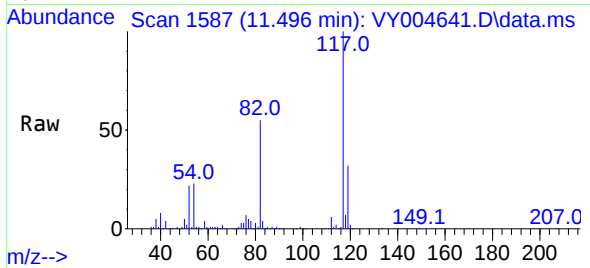
Tgt Ion: 95 Resp: 94056  
Ion Ratio Lower Upper  
95 100  
174 82.2 0.0 162.4  
176 80.0 0.0 156.0





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

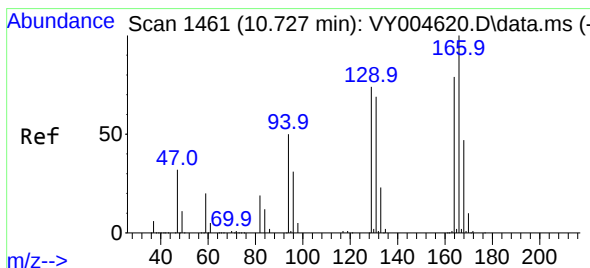
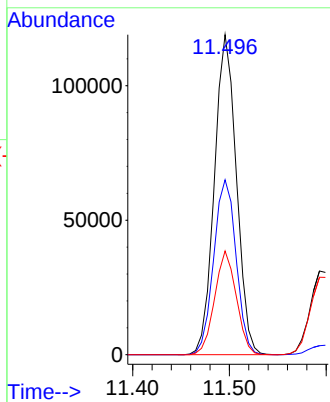
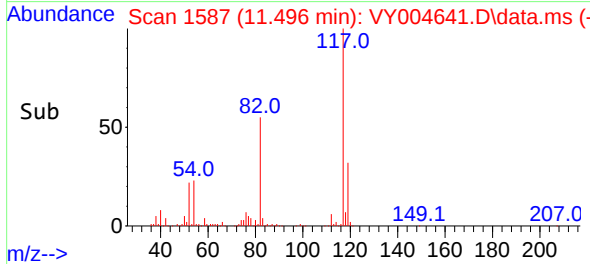
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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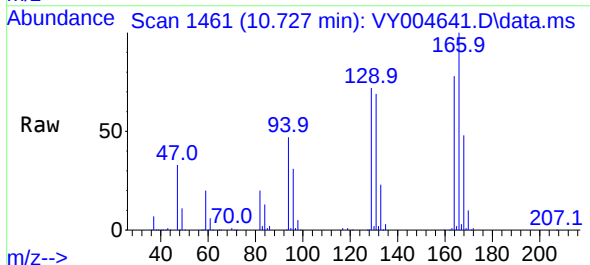
Tgt Ion:117 Resp: 188047  
Ion Ratio Lower Upper  
117 100  
82 54.7 44.9 67.3  
119 32.4 25.4 38.0

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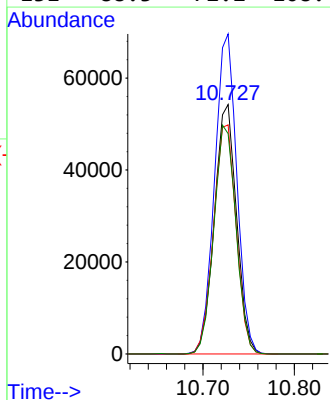
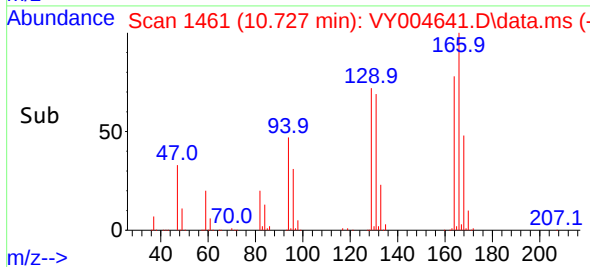
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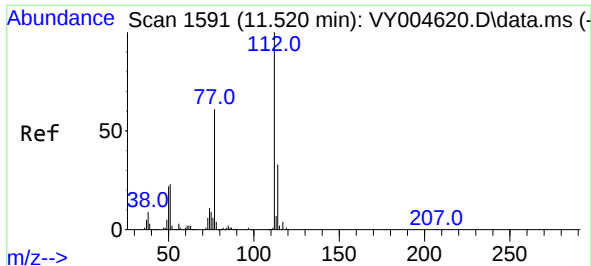


#64  
Tetrachloroethene  
Concen: 55.94 ug/l  
RT: 10.727 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



Tgt Ion:164 Resp: 91582  
Ion Ratio Lower Upper  
164 100  
166 128.3 102.1 153.1  
129 91.9 74.8 112.2  
131 88.3 72.2 108.4





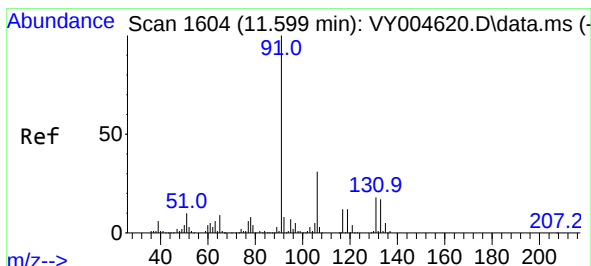
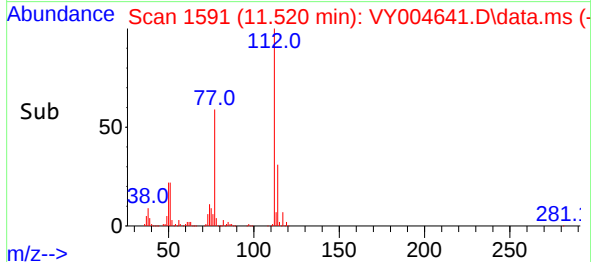
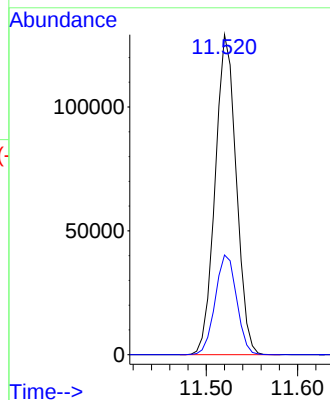
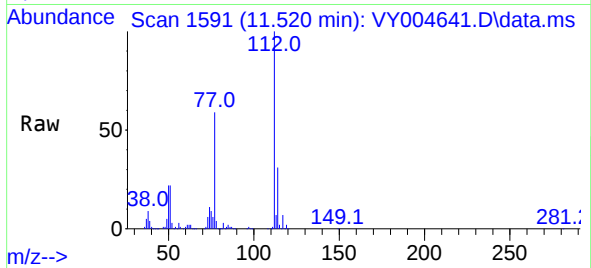
#65  
Chlorobenzene  
Concen: 53.93 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:112 Resp: 206963  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.8 38.6

Instrument :  
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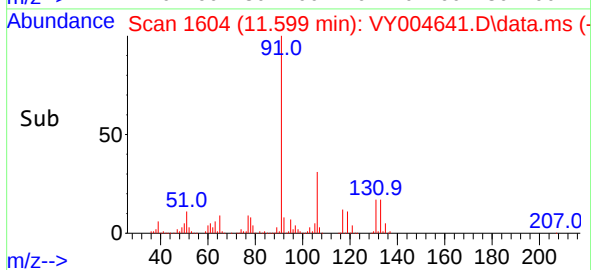
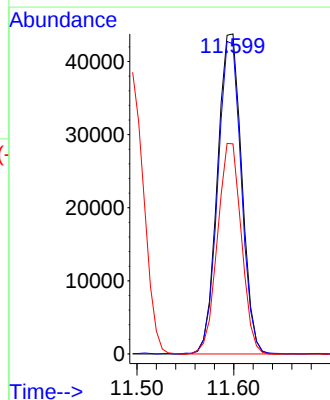
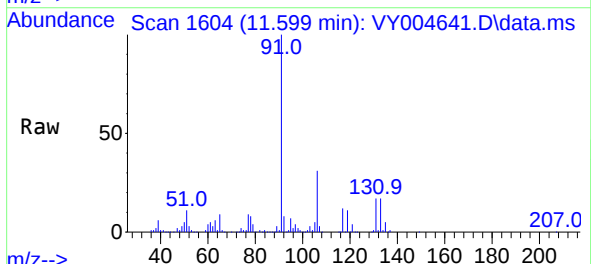
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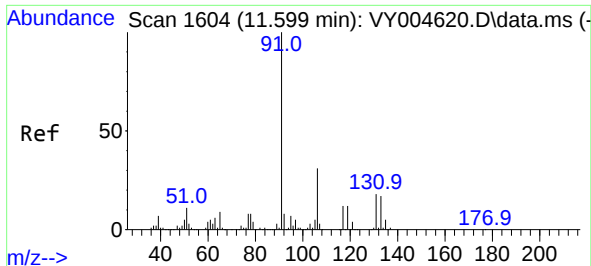
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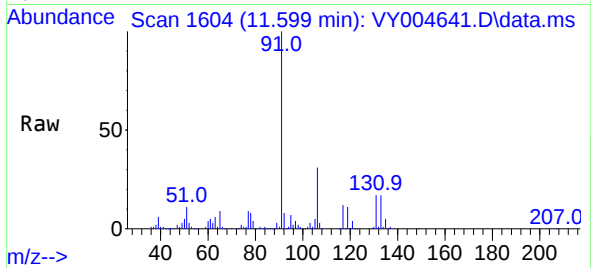
#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.56 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:131 Resp: 76098  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.6 142.9  
119 64.8 32.6 98.0

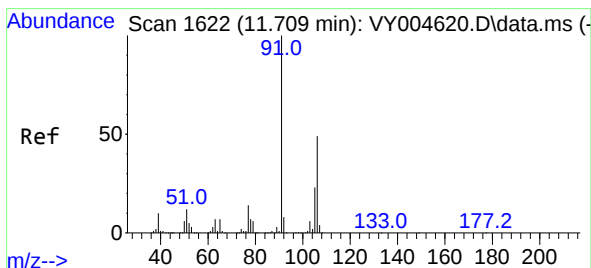
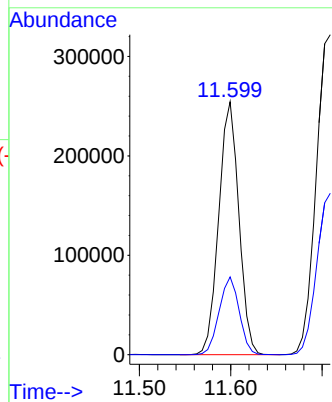
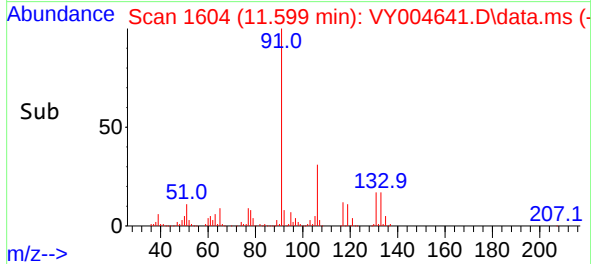




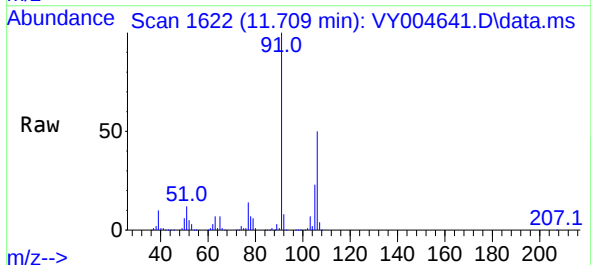
#67  
Ethyl Benzene  
Concen: 54.20 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



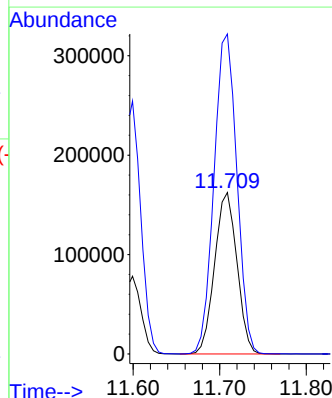
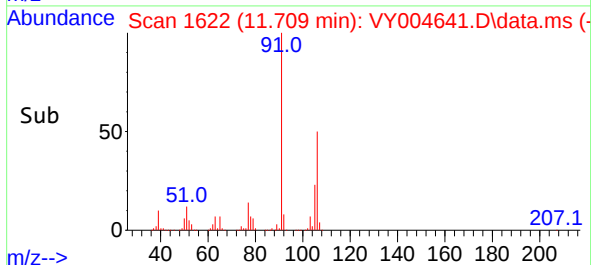
Tgt Ion: 91 Resp: 389171  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.1 37.7



#68  
m/p-Xylenes  
Concen: 109.04 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



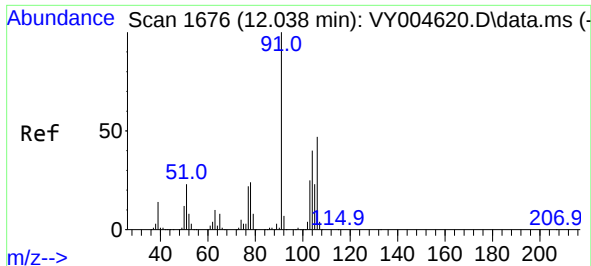
Tgt Ion: 106 Resp: 290919  
Ion Ratio Lower Upper  
106 100  
91 202.7 163.2 244.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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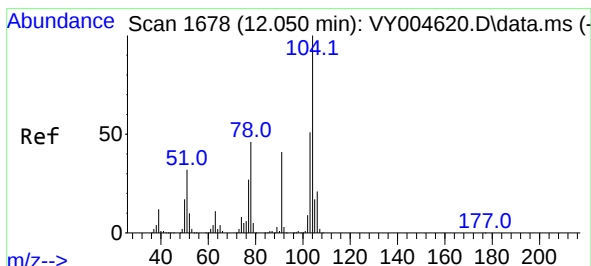
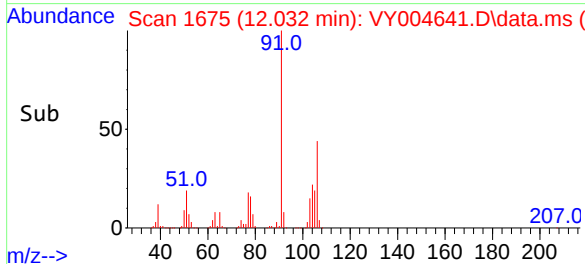
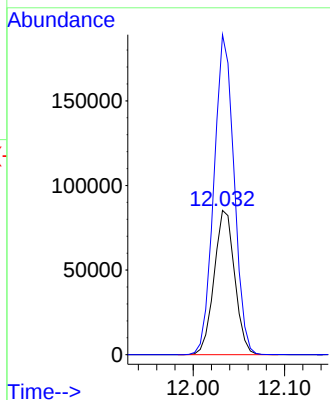
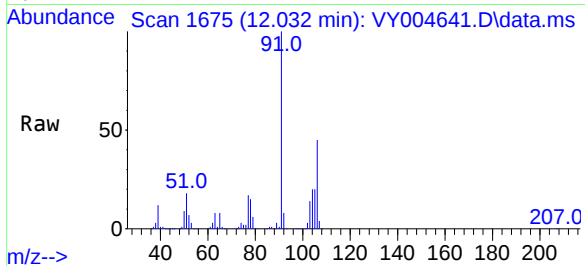
#69  
o-Xylene  
Concen: 53.46 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:106 Resp: 133663  
Ion Ratio Lower Upper  
106 100  
91 216.9 107.4 322.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

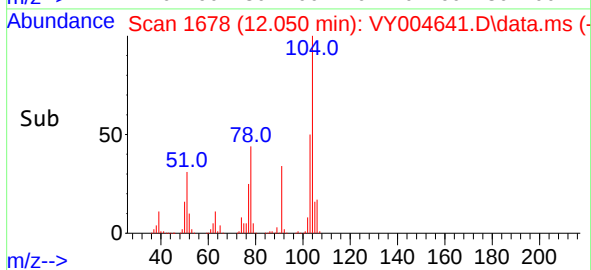
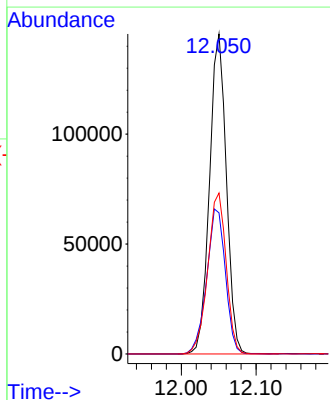
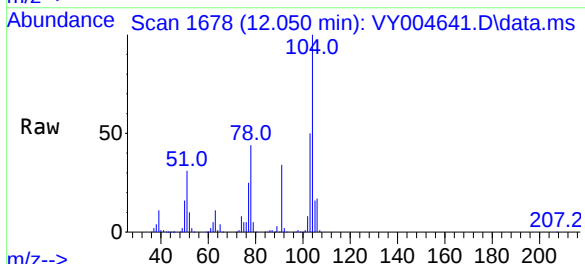
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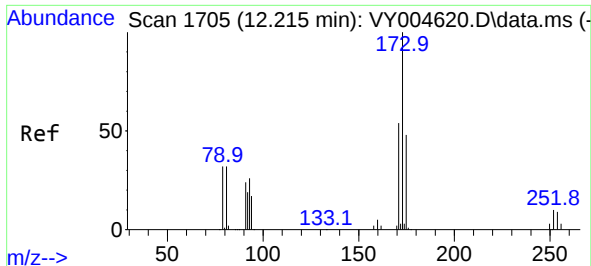
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#70  
Styrene  
Concen: 55.00 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:104 Resp: 227781  
Ion Ratio Lower Upper  
104 100  
78 50.5 39.9 59.9  
103 55.0 43.4 65.2





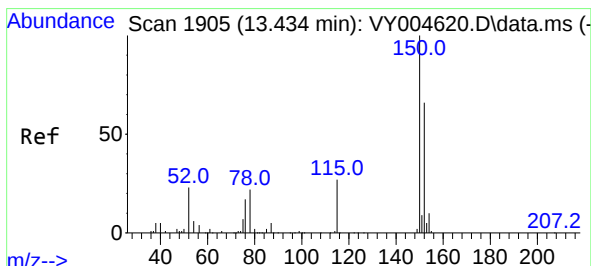
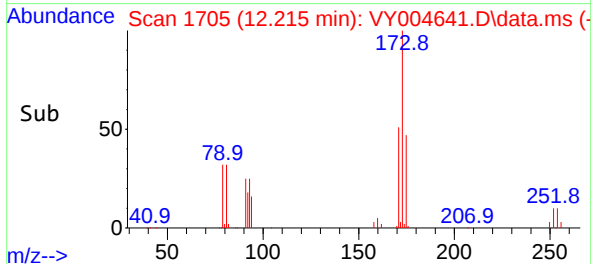
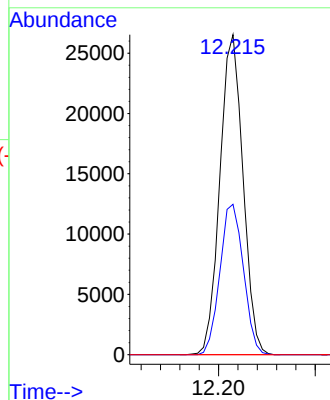
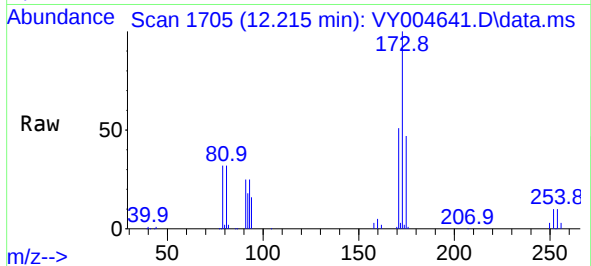
#71  
Bromoform  
Concen: 54.07 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:173 Resp: 43927  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.3 72.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

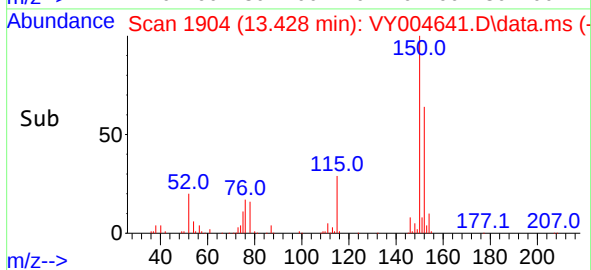
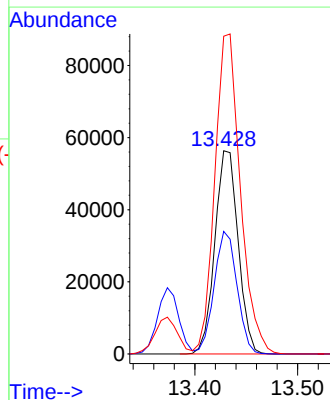
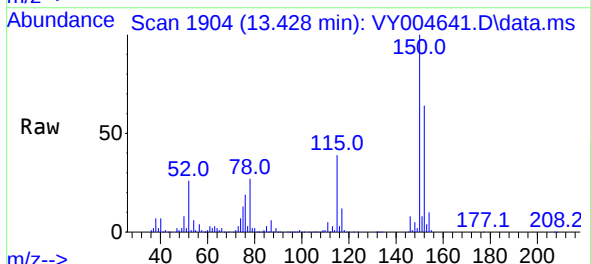
Manual Integrations  
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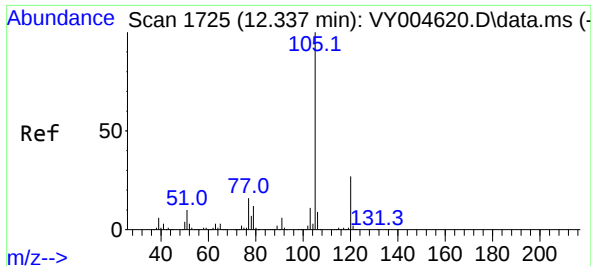
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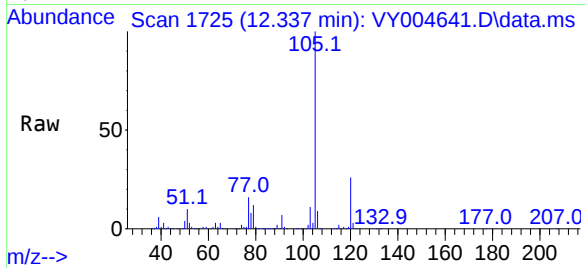
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion:152 Resp: 88601  
Ion Ratio Lower Upper  
152 100  
115 59.4 29.6 88.8  
150 173.0 0.0 348.4

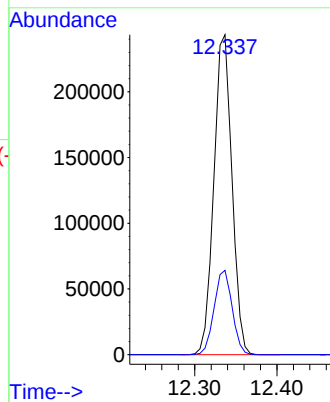
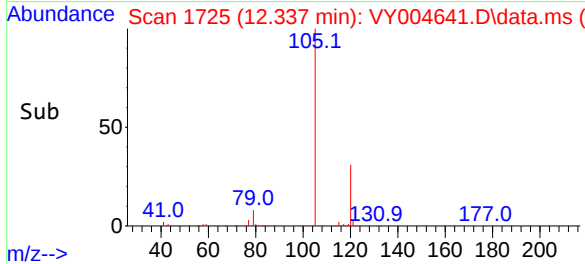




#73  
Isopropylbenzene  
Concen: 54.27 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



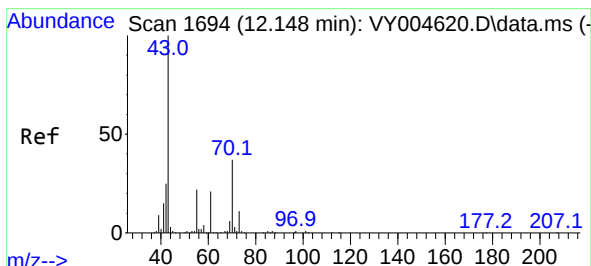
Tgt Ion: 105 Resp: 371567  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.5



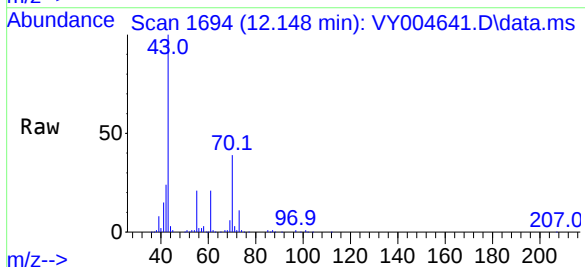
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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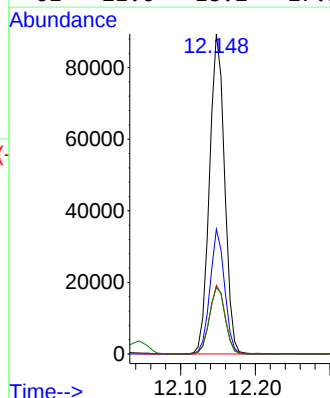
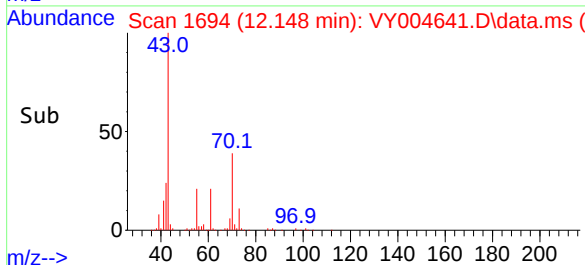
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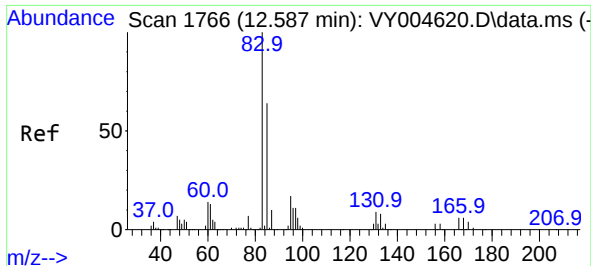


#74  
N-ethyl acetate  
Concen: 54.43 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



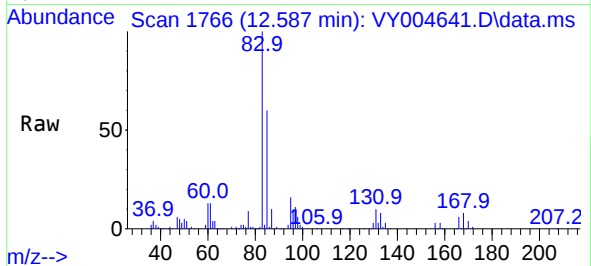
Tgt Ion: 43 Resp: 125455  
Ion Ratio Lower Upper  
43 100  
70 37.4 30.4 45.6  
55 21.9 17.4 26.0  
61 21.6 18.2 27.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.78 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

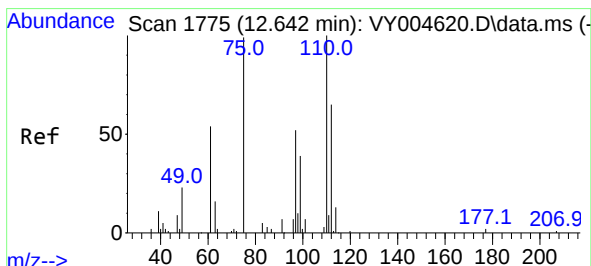
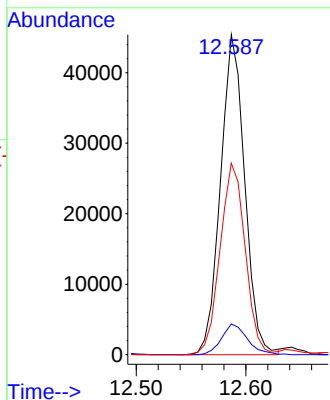
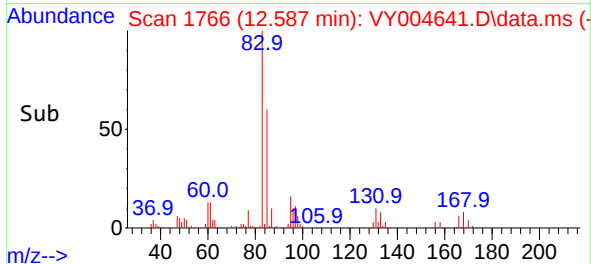
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



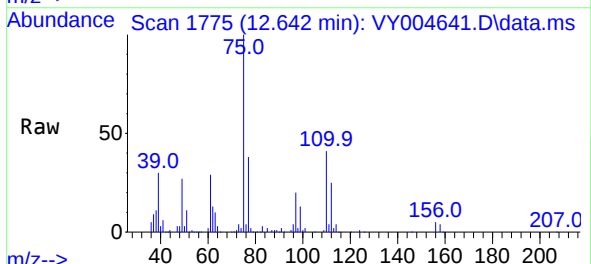
Tgt Ion: 83 Resp: 69661  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.4  
85 61.9 31.6 94.8

Manual Integrations  
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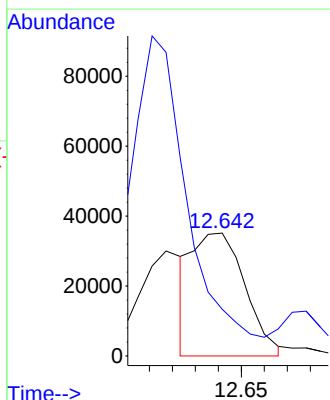
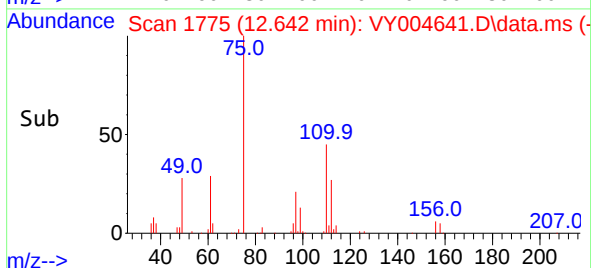
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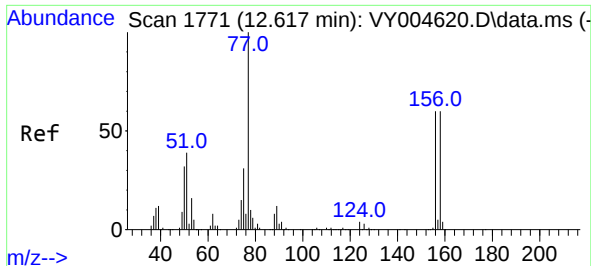


#76  
1,2,3-Trichloropropane  
Concen: 58.83 ug/l m  
RT: 12.642 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



Tgt Ion: 75 Resp: 55945  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





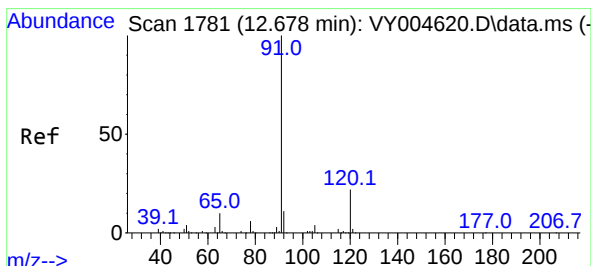
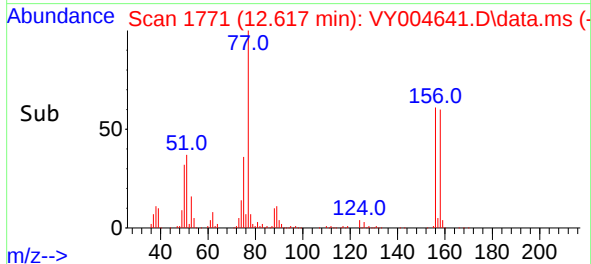
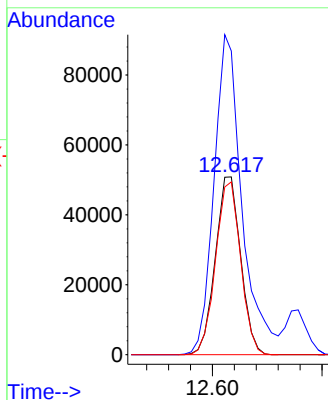
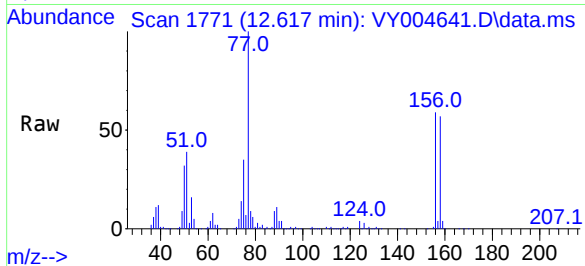
#77  
Bromobenzene  
Concen: 53.25 ug/l  
RT: 12.617 min Scan# 1771  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 198.8 | 98.6  | 295.7 |
| 158     | 95.8  | 48.4  | 145.2 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

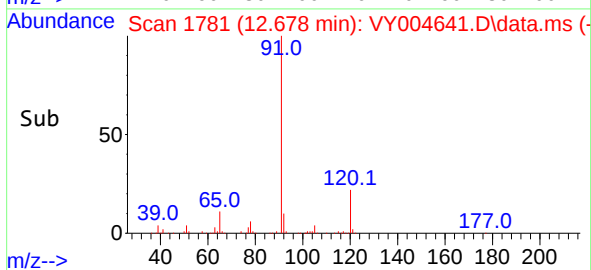
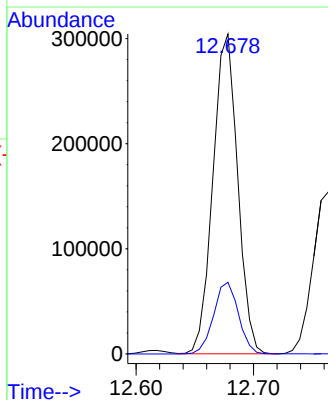
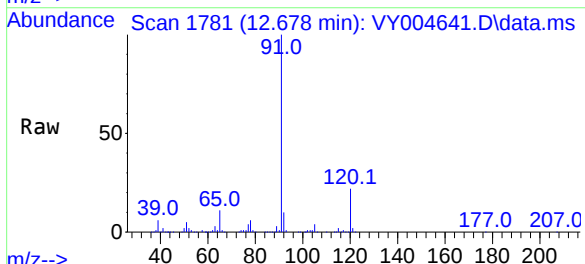
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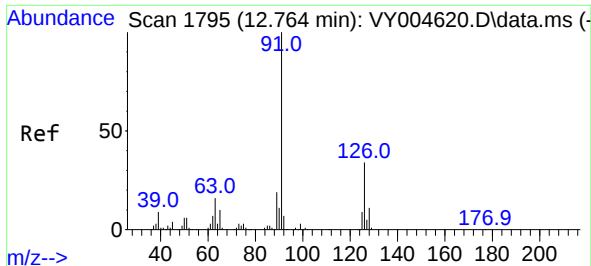
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#78  
n-propylbenzene  
Concen: 55.03 ug/l  
RT: 12.678 min Scan# 1781  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.5  | 11.5  | 34.4  |





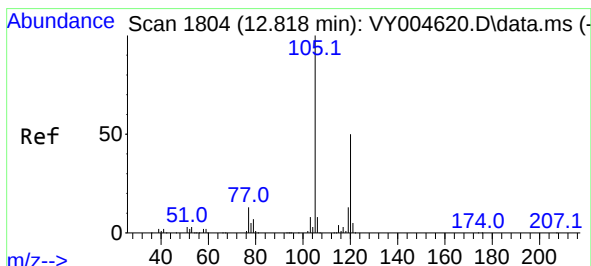
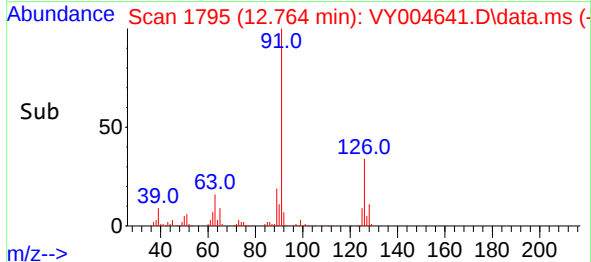
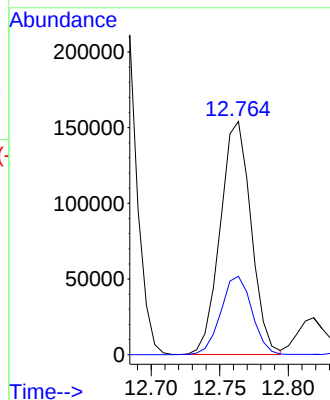
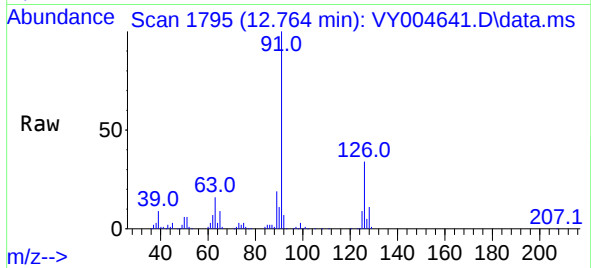
#79  
2-Chlorotoluene  
Concen: 54.55 ug/l  
RT: 12.764 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 91 Resp: 241303  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.7 50.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

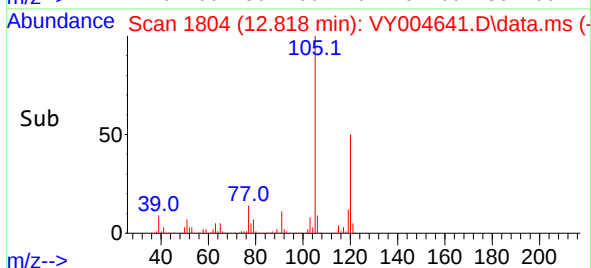
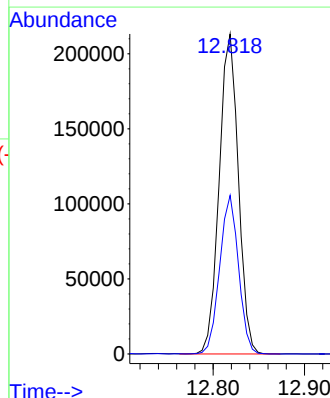
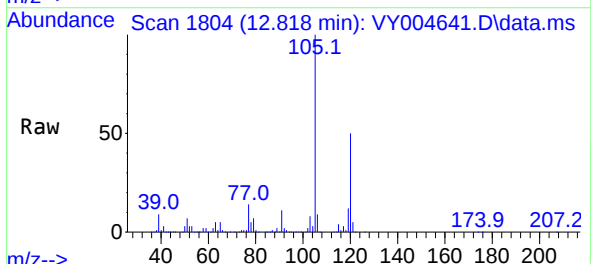
Manual Integrations  
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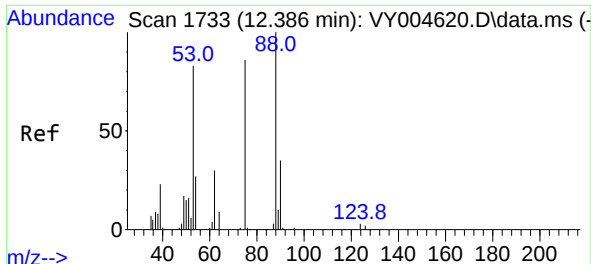
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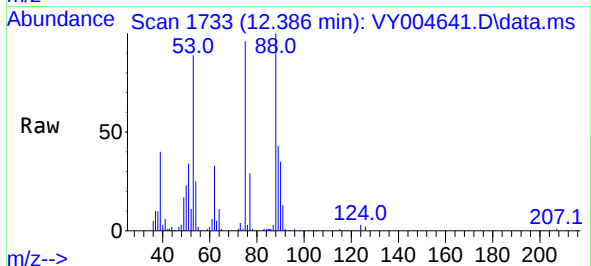
#80  
1,3,5-Trimethylbenzene  
Concen: 55.80 ug/l  
RT: 12.818 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

Tgt Ion: 105 Resp: 310505  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.6 74.0

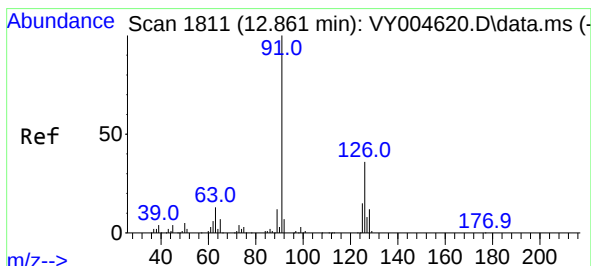
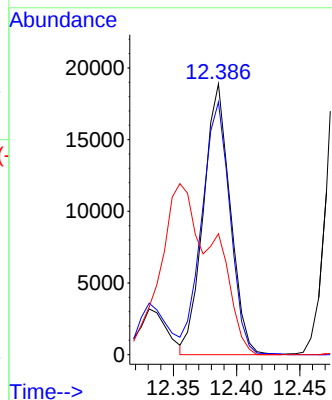
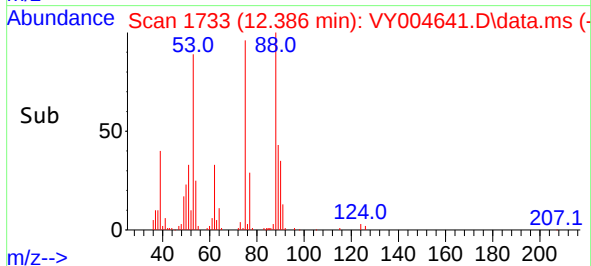




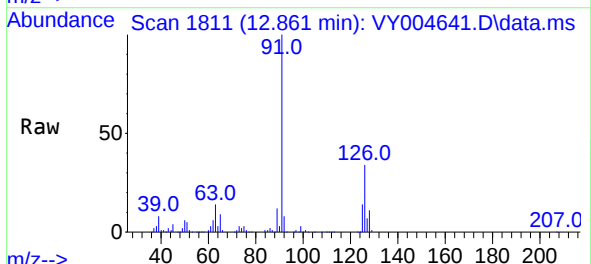
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.40 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



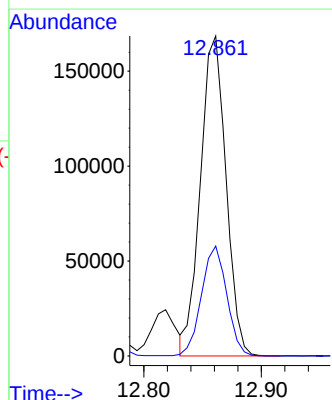
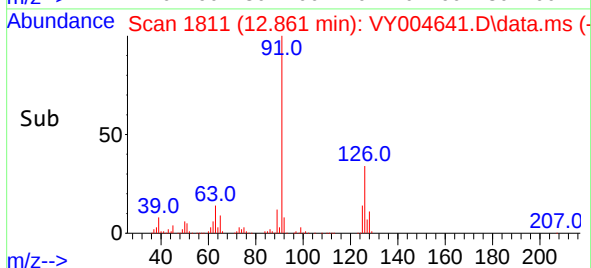
Tgt Ion: 75 Resp: 27854  
Ion Ratio Lower Upper  
75 100  
53 98.0 75.0 112.6  
89 0.0 36.1 54.1#



#82  
4-Chlorotoluene  
Concen: 54.63 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



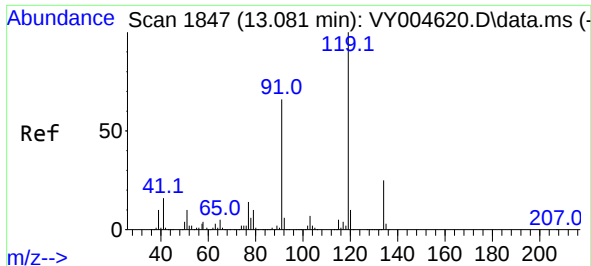
Tgt Ion: 91 Resp: 255193  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.9 50.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

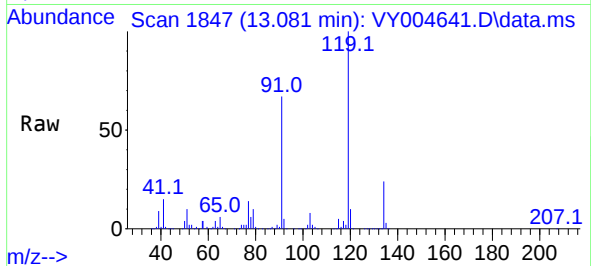
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#83  
tert-Butylbenzene  
Concen: 54.10 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

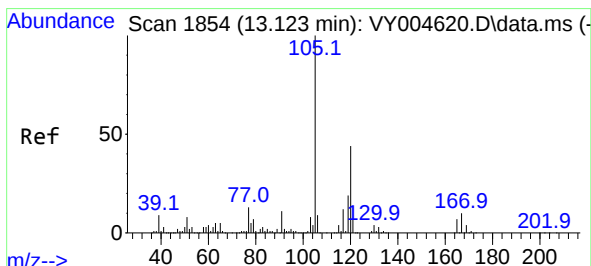
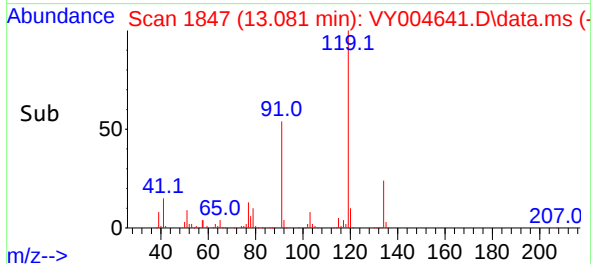
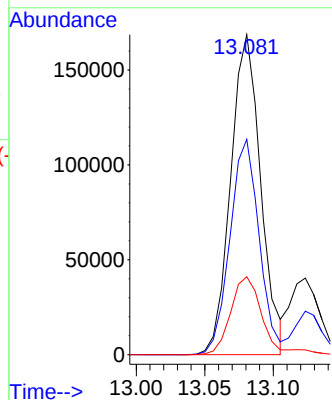
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



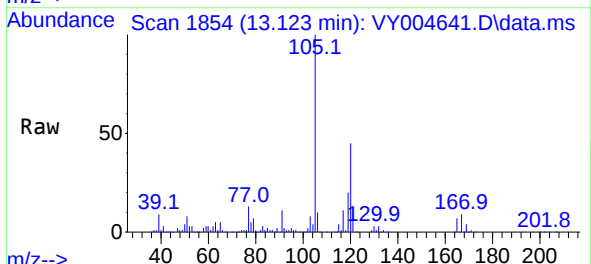
Tgt Ion:119 Resp: 257689  
Ion Ratio Lower Upper  
119 100  
91 65.4 32.6 98.0  
134 25.7 12.9 38.6

Manual Integrations  
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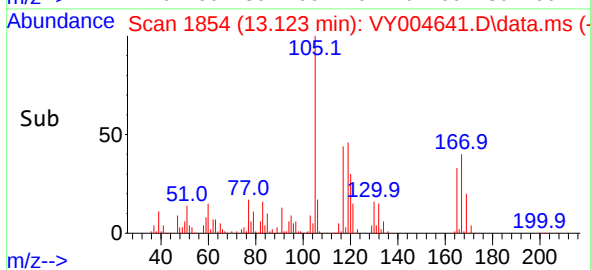
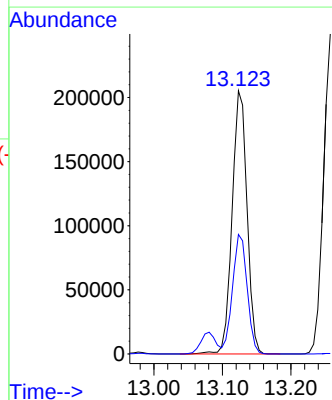
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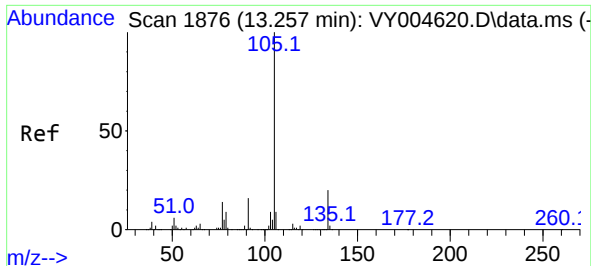


#84  
1,2,4-Trimethylbenzene  
Concen: 55.09 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



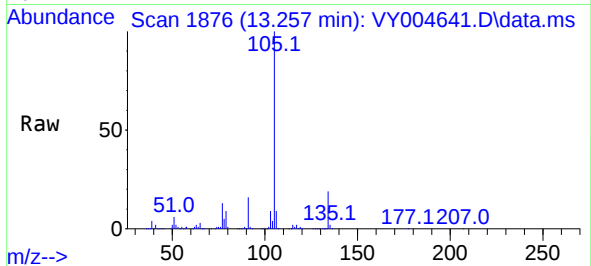
Tgt Ion:105 Resp: 309341  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 55.08 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004641.D  
 Acq: 27 Apr 2021 08:47

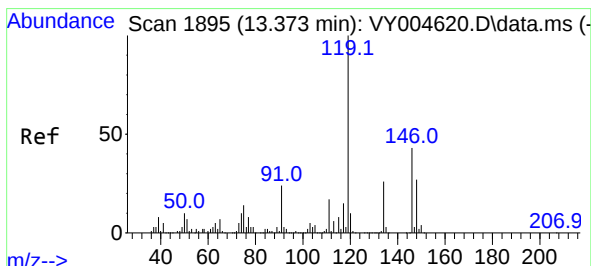
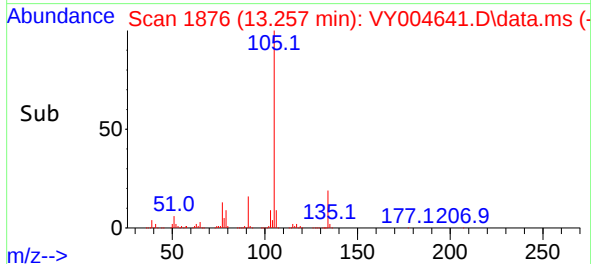
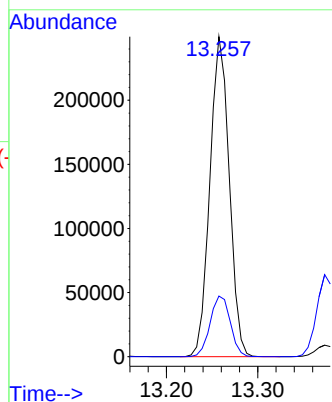
Instrument :  
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 ClientSampleId :  
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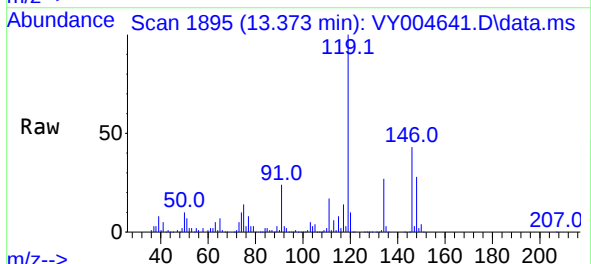
Tgt Ion:105 Resp: 365984  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.3

Manual Integrations  
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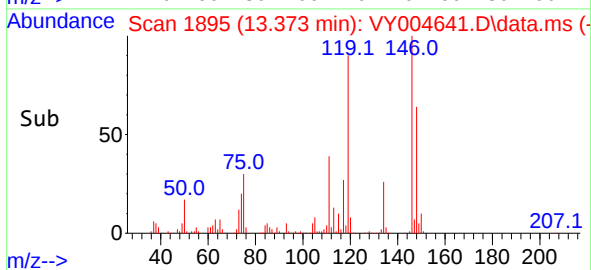
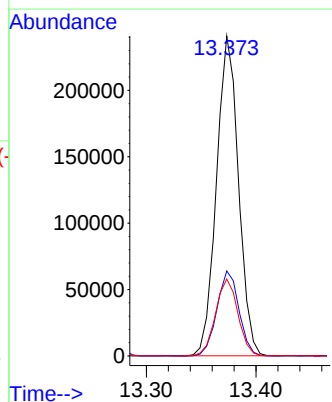
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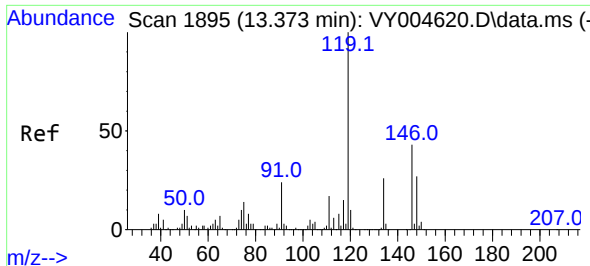


#86  
 p-Isopropyltoluene  
 Concen: 55.55 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004641.D  
 Acq: 27 Apr 2021 08:47



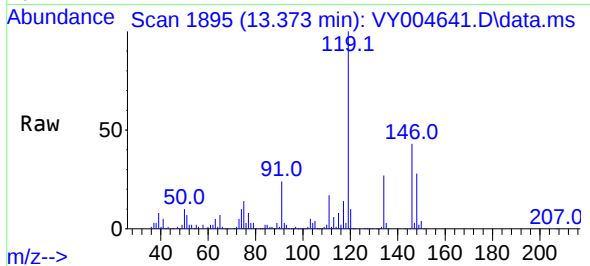
Tgt Ion:119 Resp: 335751  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 24.5 11.9 35.7





#87  
1,3-Dichlorobenzene  
Concen: 54.70 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

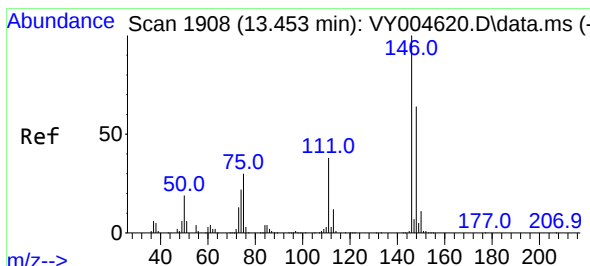
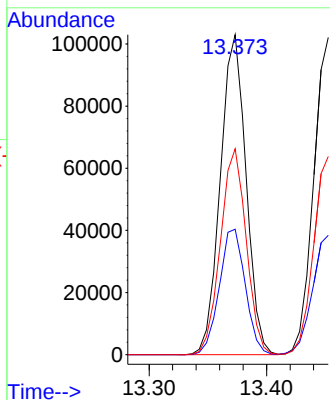
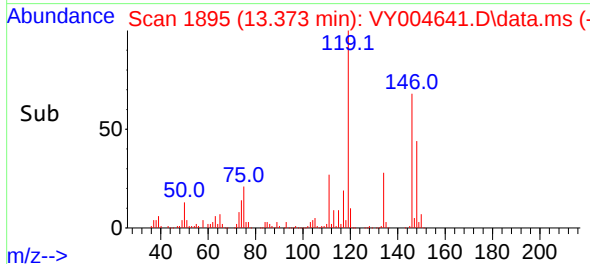
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



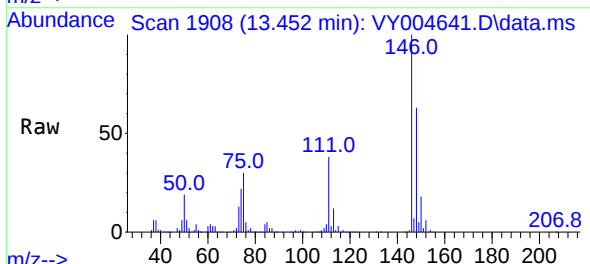
Tgt Ion:146 Resp: 156791  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.4 61.2  
148 64.5 32.1 96.5

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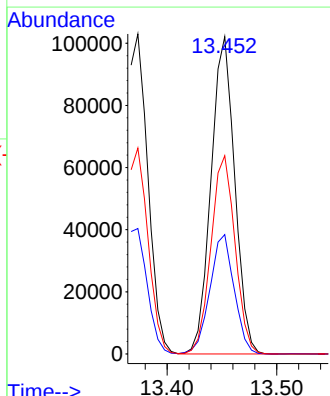
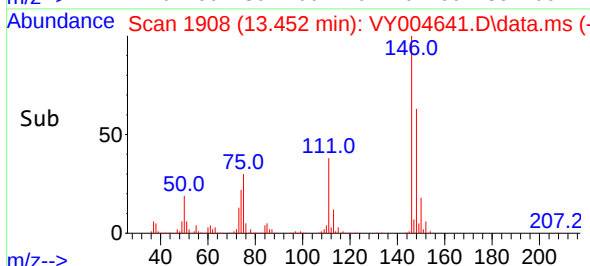
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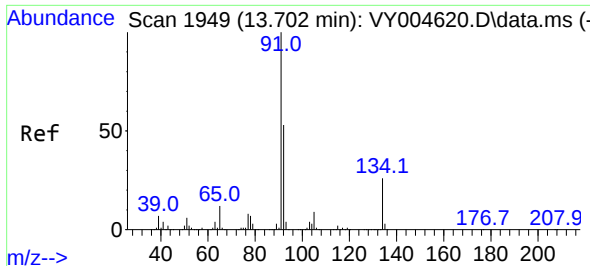


#88  
1,4-Dichlorobenzene  
Concen: 53.27 ug/l  
RT: 13.452 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



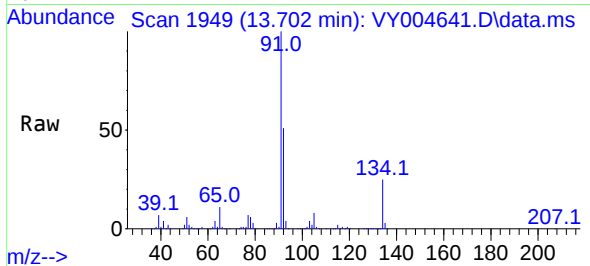
Tgt Ion:146 Resp: 153688  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.6 58.8  
148 63.5 31.9 95.5





#89  
n-Butylbenzene  
Concen: 55.72 ug/l  
RT: 13.702 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

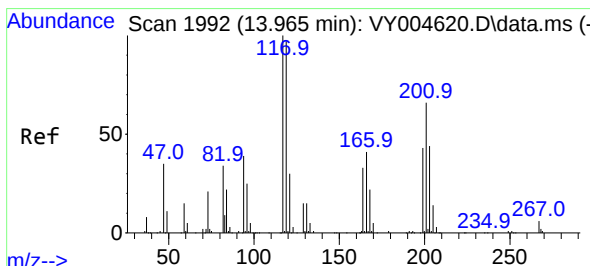
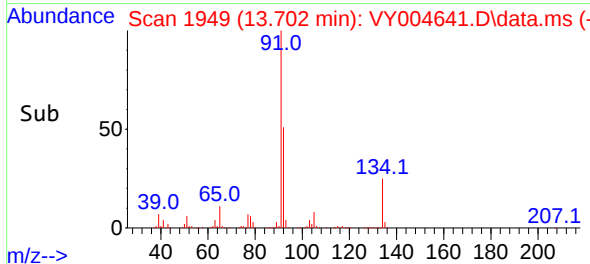
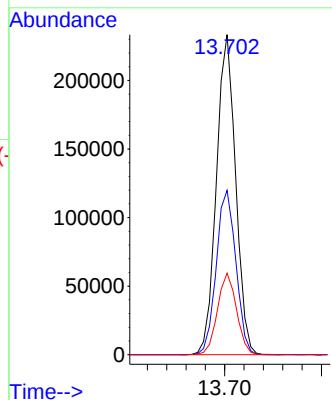
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 321436  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.6 79.8  
134 25.3 12.7 38.1

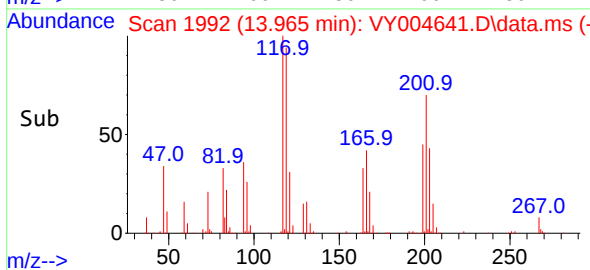
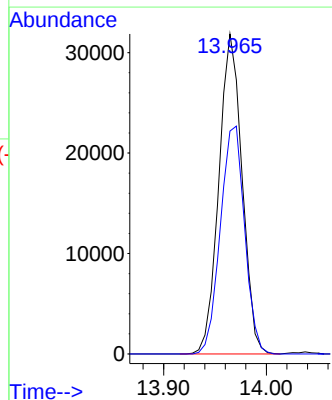
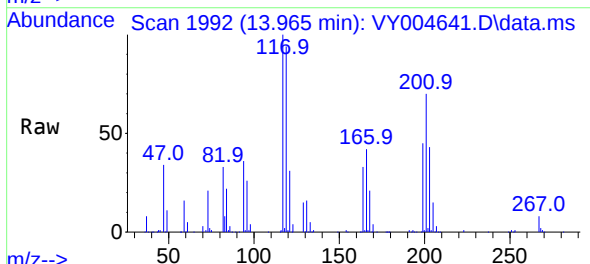
Manual Integrations  
APPROVED

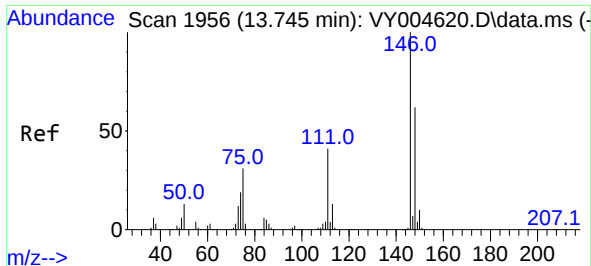
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#90  
Hexachloroethane  
Concen: 61.48 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

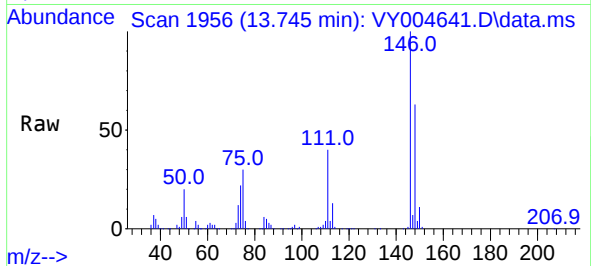
Tgt Ion: 117 Resp: 49849  
Ion Ratio Lower Upper  
117 100  
201 74.5 36.6 109.9





#91  
1,2-Dichlorobenzene  
Concen: 53.77 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

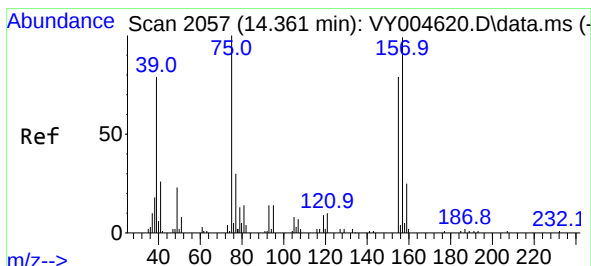
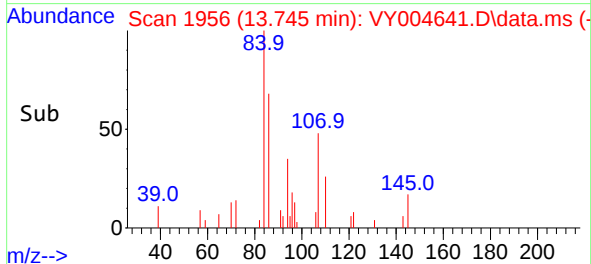
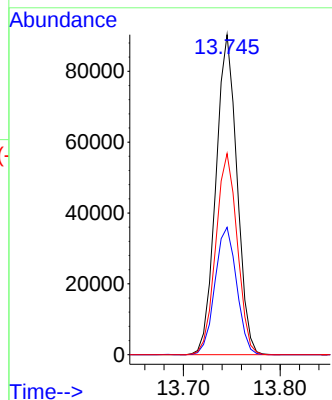
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



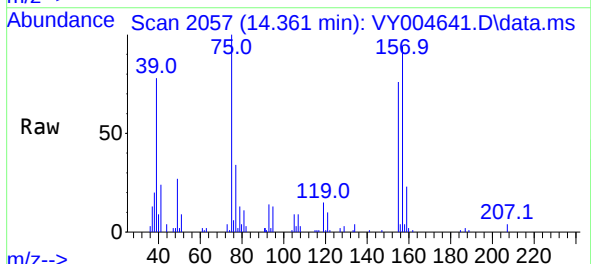
Tgt Ion:146 Resp: 136794  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.9 62.7  
148 64.0 31.9 95.5

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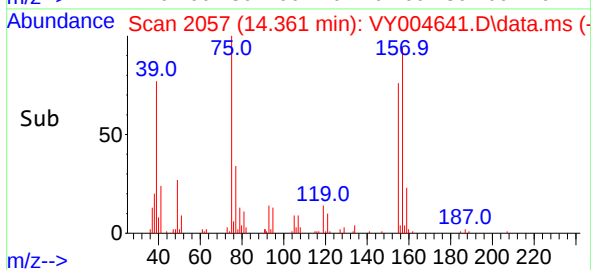
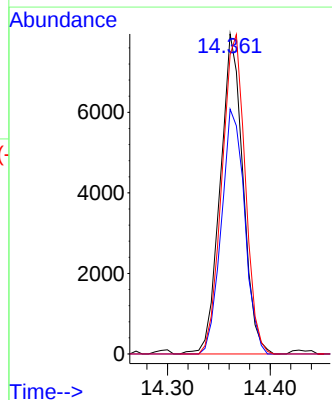
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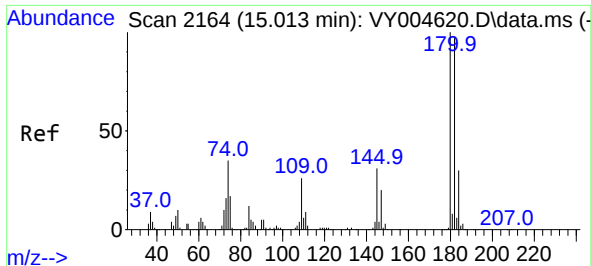


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.43 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



Tgt Ion: 75 Resp: 12187  
Ion Ratio Lower Upper  
75 100  
155 78.1 40.6 121.8  
157 102.0 53.0 159.0





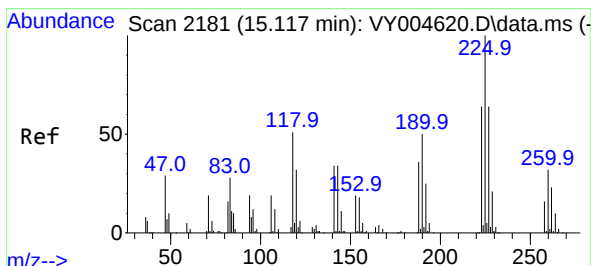
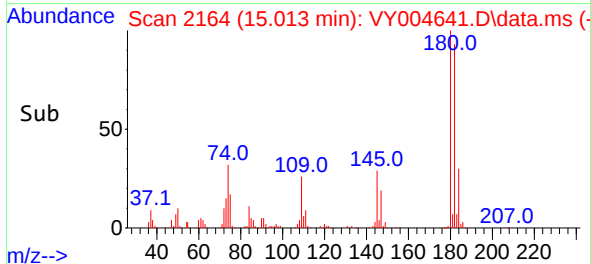
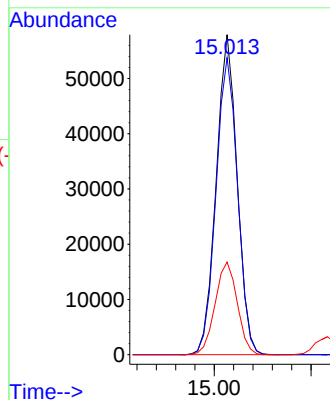
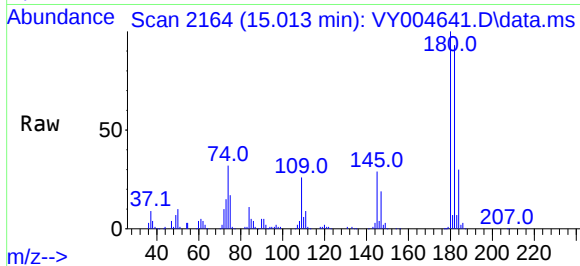
#93  
1,2,4-Trichlorobenzene  
Concen: 51.82 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 87180 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.3  | 47.3  | 141.8 |
| 145       | 30.5  | 15.5  | 46.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

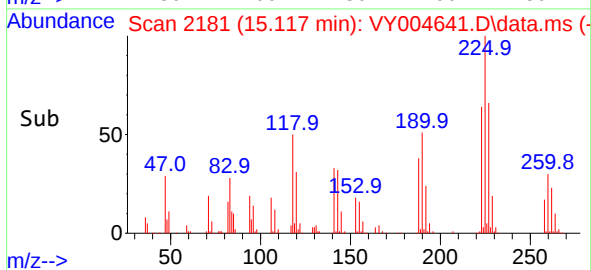
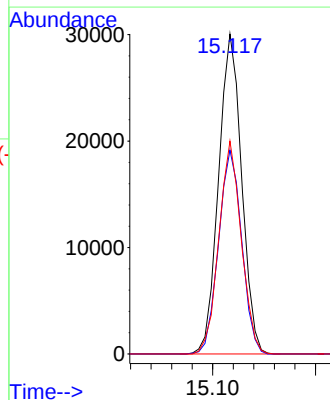
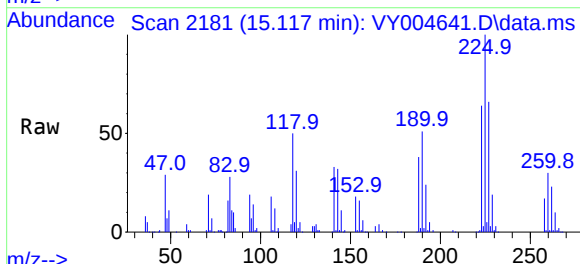
Manual Integrations  
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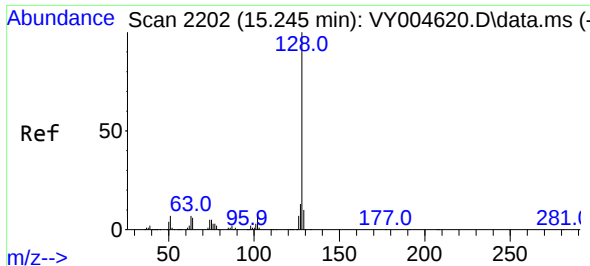
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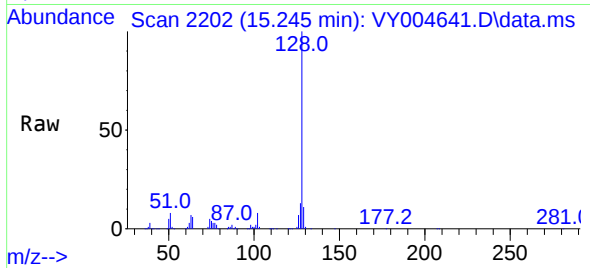
#94  
Hexachlorobutadiene  
Concen: 53.19 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 46720 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.6  | 31.3  | 93.9  |
| 227       | 64.7  | 32.2  | 96.6  |

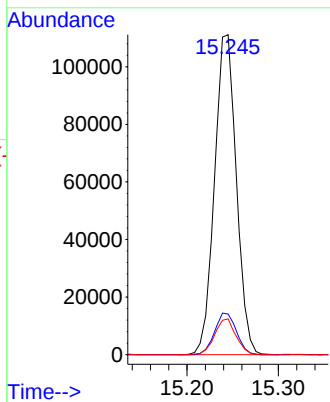
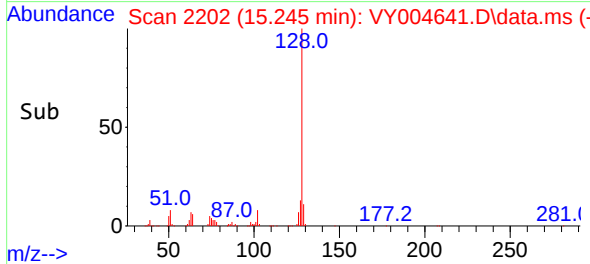




#95  
Naphthalene  
Concen: 50.48 ug/l  
RT: 15.245 min Scan# 2202  
Delta R.T. 0.006 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



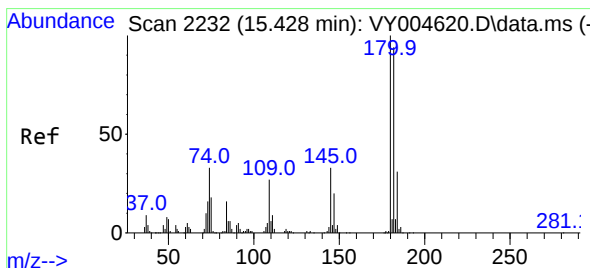
Tgt Ion:128 Resp: 184629  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 10.9 8.8 13.2



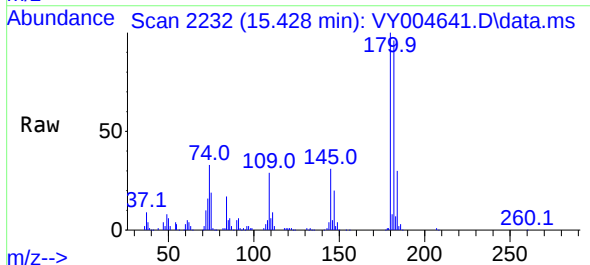
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 51.04 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004641.D  
Acq: 27 Apr 2021 08:47



Tgt Ion:180 Resp: 75750  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.6 142.8  
145 32.4 16.3 48.8

