

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032421\  
 Data File : VY004192.D  
 Acq On : 24 Mar 2021 17:54  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/25/2021 4:57:31 PM

Quant Time: Mar 25 01:21:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 208471             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 330410             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 298683             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 150862             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 108546             | 52.76  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 105.52% |        |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 99483              | 53.39  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 106.78% |        |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 363942             | 49.82  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 99.64%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 134598             | 49.89  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 99.78%  |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 65106              | 44.73  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 89773              | 44.43  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.259          | 62   | 106940             | 42.45  | ug/l   | 99       |
| 5) Bromomethane              | 2.650          | 94   | 71720              | 44.56  | ug/l   | 95       |
| 6) Chloroethane              | 2.802          | 64   | 70352              | 45.85  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 159140             | 47.53  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.534          | 74   | 56999              | 53.11  | ug/l   | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905          | 101  | 90884              | 48.52  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.101          | 142  | 94679              | 49.47  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.972          | 59   | 53032              | 285.11 | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 86196              | 47.03  | ug/l   | 96       |
| 13) Acrolein                 | 3.741          | 56   | 38353              | 207.86 | ug/l   | 98       |
| 14) Allyl chloride           | 4.497          | 41   | 135582             | 44.72  | ug/l # | 89       |
| 15) Acrylonitrile            | 5.180          | 53   | 143393             | 268.81 | ug/l   | 98       |
| 16) Acetone                  | 3.960          | 43   | 110966             | 223.46 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.204          | 76   | 219192             | 40.67  | ug/l   | 97       |
| 18) Methyl Acetate           | 4.491          | 43   | 69424              | 56.59  | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.234          | 73   | 283423             | 54.31  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.729          | 84   | 104963             | 52.84  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.234          | 96   | 100270             | 48.69  | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.131          | 45   | 313124             | 48.93  | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.076          | 43   | 1059989            | 251.63 | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 175135             | 49.29  | ug/l   | 99       |
| 25) 2-Butanone               | 6.996          | 43   | 188511             | 263.34 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 159119             | 46.89  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 119866             | 51.13  | ug/l   | 92       |
| 28) Bromochloromethane       | 7.344          | 49   | 72863              | 46.96  | ug/l   | 87       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 124026             | 266.70 | ug/l   | 91       |
| 30) Chloroform               | 7.515          | 83   | 193053             | 52.44  | ug/l   | 100      |
| 31) Cyclohexane              | 7.795          | 56   | 149518             | 41.43  | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 173284             | 50.74  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 139506             | 48.06  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.088          | 43   | 83171              | 53.19  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 156250             | 50.73  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185          | 83   | 171744             | 45.80  | ug/l   | 92       |
| 40) Benzene                  | 8.167          | 78   | 410165             | 50.16  | ug/l   | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

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 ClientSampleId :  
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Manual Integrations  
 APPROVED

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 3/25/2021 4:57:31 PM

Quant Time: Mar 25 01:21:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 53677m   | 55.40   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 134386   | 53.77   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 165250   | 52.66   | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 127287   | 53.75   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 104448   | 51.16   | ug/l   | 98       |
| 46) Dibromomethane            | 9.313  | 93   | 63895    | 54.74   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 154978   | 53.19   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 76892    | 51.58   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 17445    | 1174.08 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 434330   | 273.34  | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 265537   | 50.14   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 158235   | 51.47   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 178766   | 51.90   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 91336    | 55.64   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 124076   | 54.08   | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 153022   | 54.44   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 229873   | 256.48  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.837 | 43   | 303683   | 272.02  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 116343   | 56.46   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 87214    | 54.56   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 140395   | 56.15   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 297315   | 51.94   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 118086   | 55.15   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 530743   | 50.50   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 406289   | 101.38  | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 194728   | 51.40   | ug/l   | 96       |
| 70) Styrene                   | 12.044 | 104  | 332704   | 51.28   | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 72435    | 56.54   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 525051   | 50.08   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 152010   | 50.62   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 95110    | 52.22   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 73867m   | 51.06   | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 129243   | 53.36   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 607100   | 49.15   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 343070   | 49.47   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 445177   | 50.06   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 37047    | 50.55   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 357672   | 48.73   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 390084   | 50.98   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 447010   | 50.19   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 524297   | 49.69   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 491612   | 50.26   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 245159   | 52.43   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 244461   | 52.38   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 452382   | 48.60   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 89016    | 50.64   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 223496   | 53.89   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 19550    | 56.81   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 151804   | 53.97   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 81479    | 51.67   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 326213   | 58.54   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 132417   | 55.99   | ug/l   | 99       |

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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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3/25/2021 4:57:31 PM

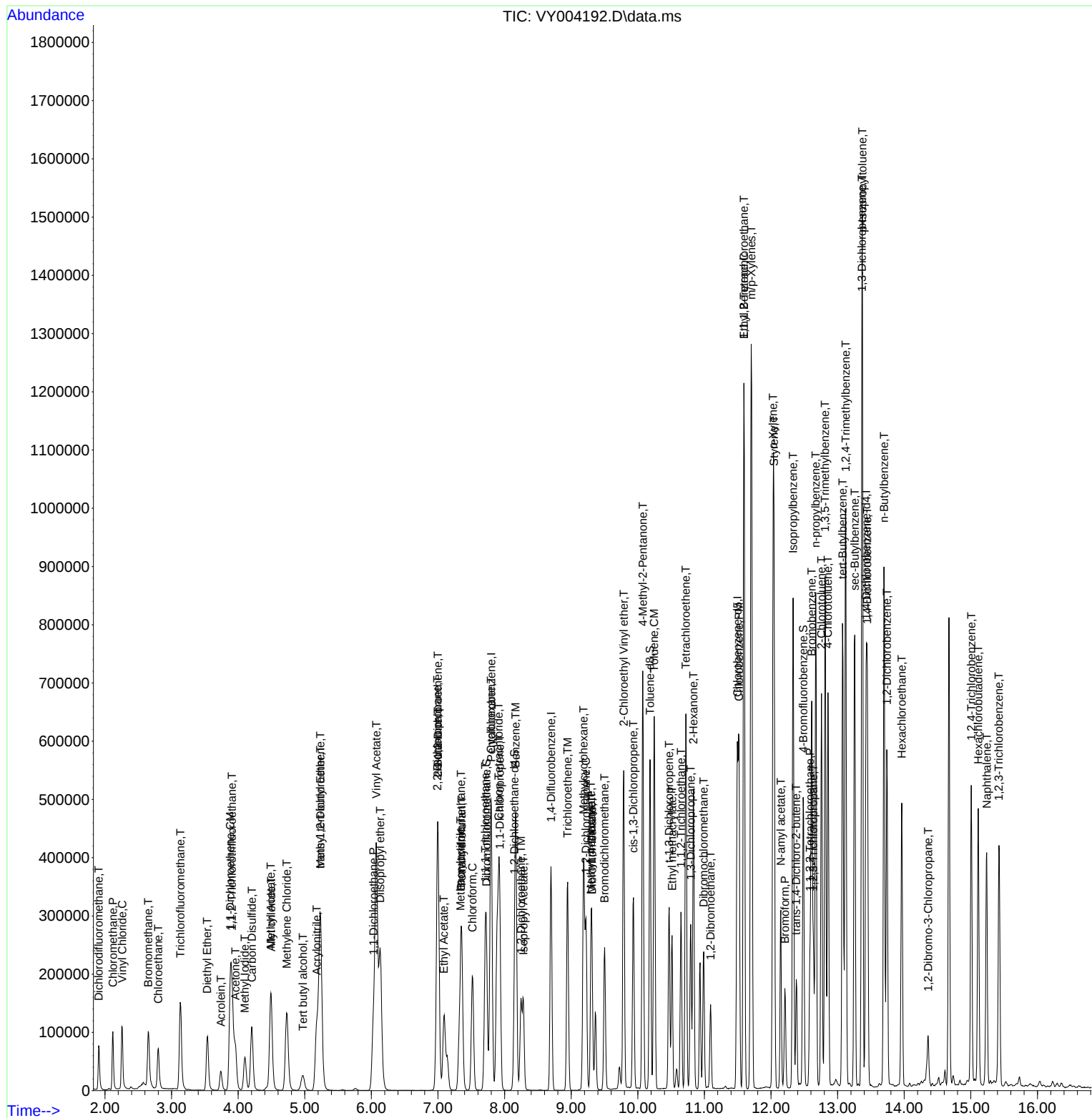
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 08 12:28:55 2021  
Response via : Initial Calibration

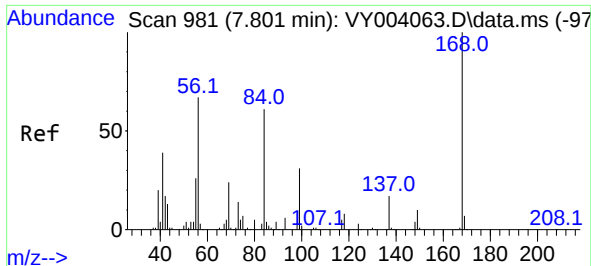
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

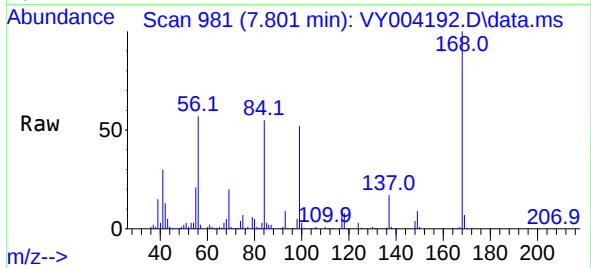
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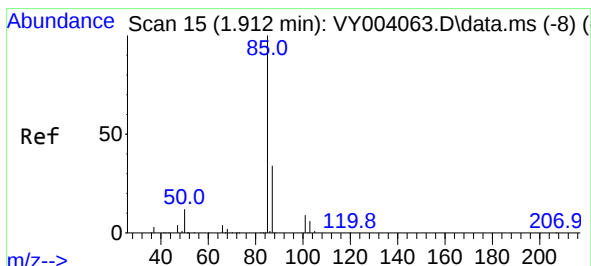
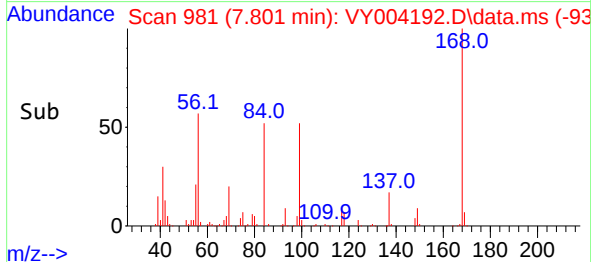
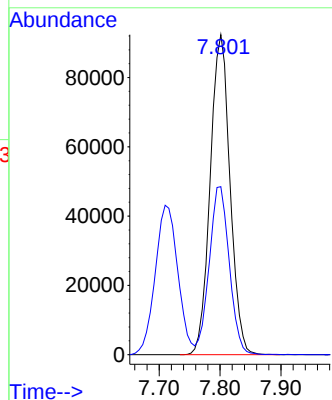




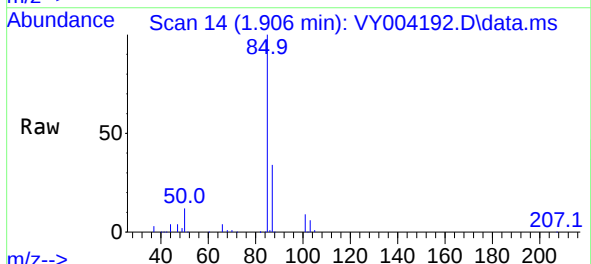
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



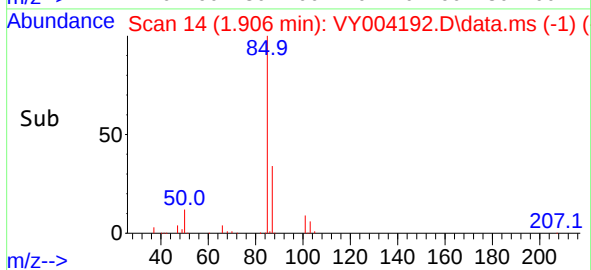
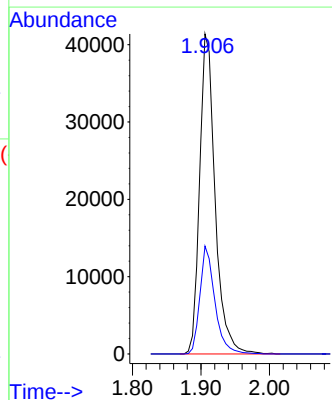
Tgt Ion:168 Resp: 208471  
Ion Ratio Lower Upper  
168 100  
99 52.4 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 44.73 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



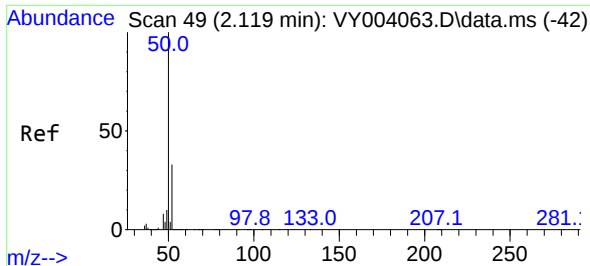
Tgt Ion: 85 Resp: 65106  
Ion Ratio Lower Upper  
85 100  
87 33.7 17.0 51.0



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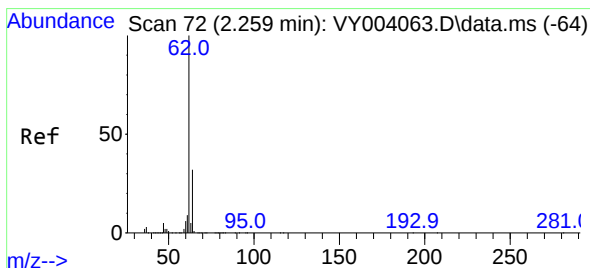
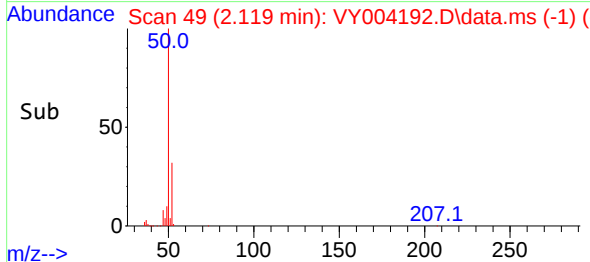
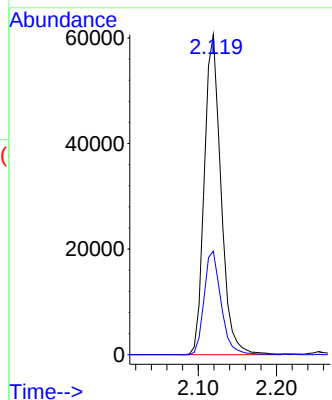
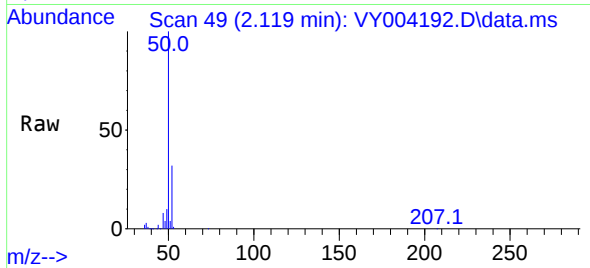
#3  
Chloromethane  
Concen: 44.43 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 50 Resp: 89773  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.4 38.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

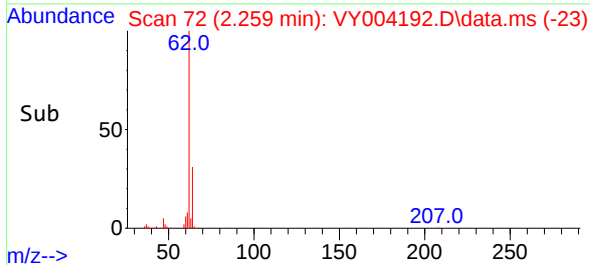
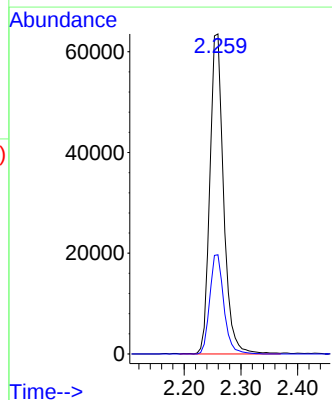
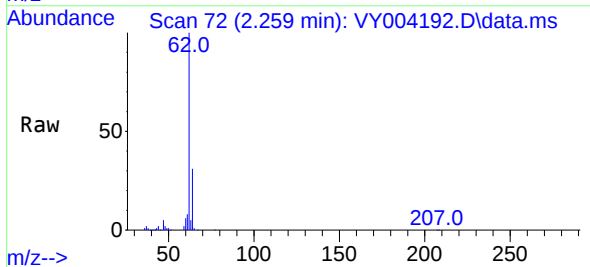
Manual Integrations  
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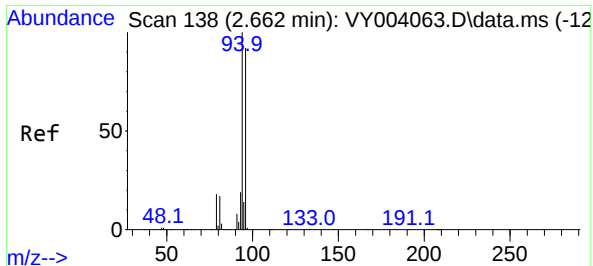
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3/25/2021 4:57:31 PM



#4  
Vinyl Chloride  
Concen: 42.45 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 62 Resp: 106940  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.3 37.9





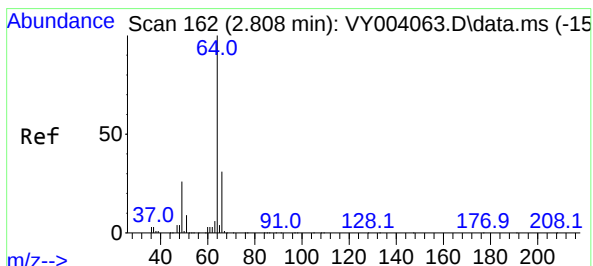
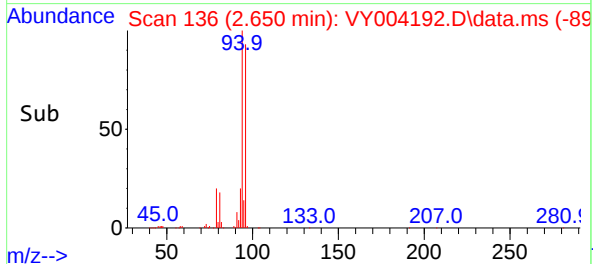
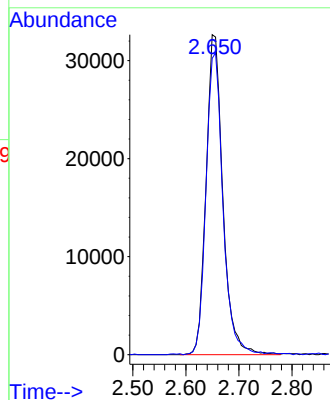
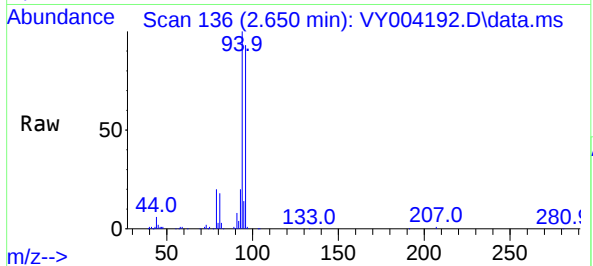
#5  
Bromomethane  
Concen: 44.56 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.012 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 94 Resp: 71720  
Ion Ratio Lower Upper  
94 100  
96 92.3 77.4 116.2

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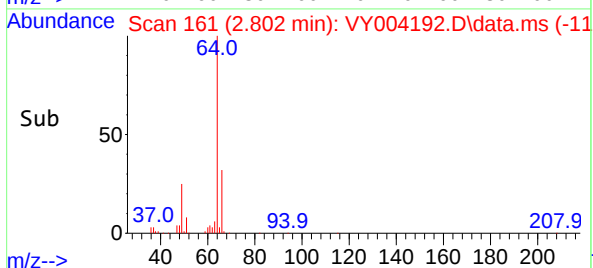
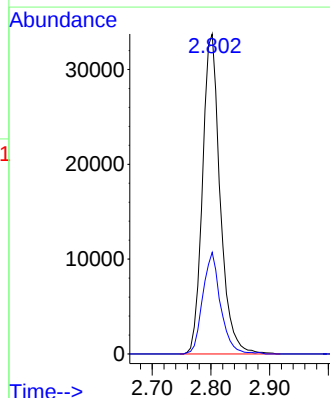
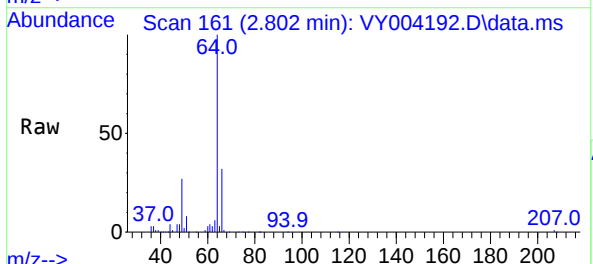
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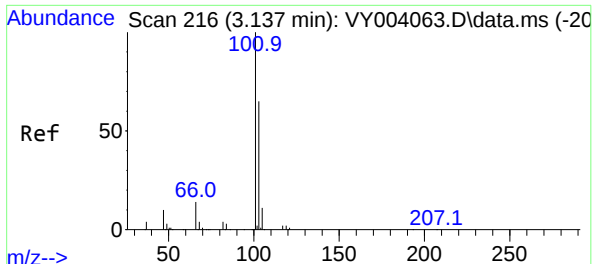
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#6  
Chloroethane  
Concen: 45.85 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 64 Resp: 70352  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.0 37.6





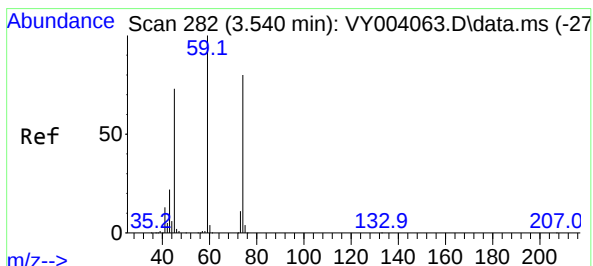
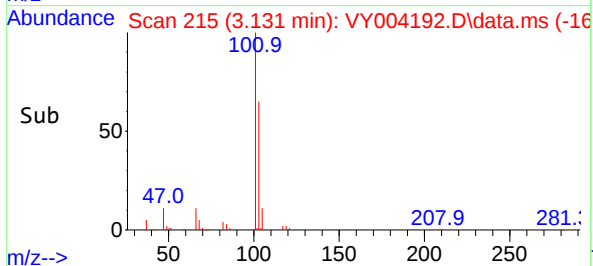
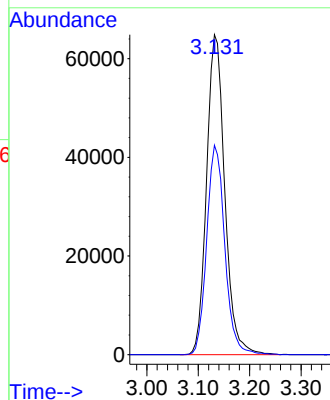
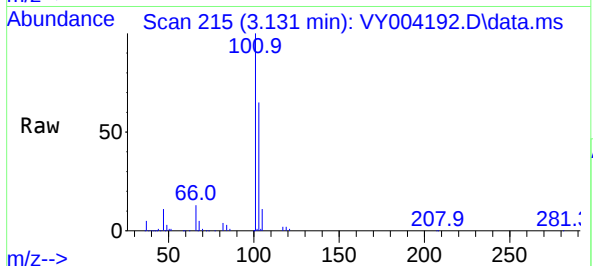
#7  
Trichlorofluoromethane  
Concen: 47.53 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:101 Resp: 159140  
Ion Ratio Lower Upper  
101 100  
103 65.5 52.2 78.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

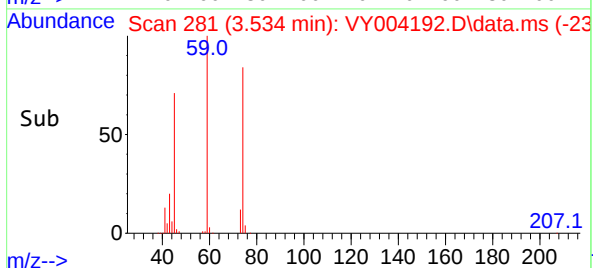
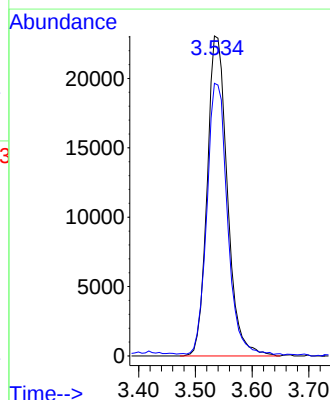
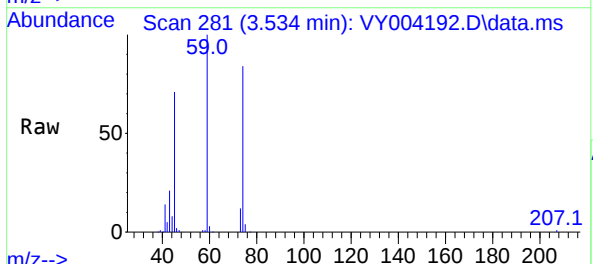
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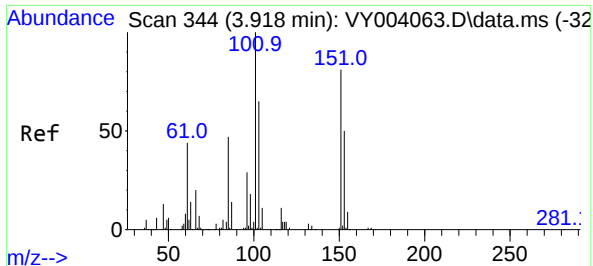
MMDadoda  
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#8  
Diethyl Ether  
Concen: 53.11 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 74 Resp: 56999  
Ion Ratio Lower Upper  
74 100  
45 86.6 52.6 157.8





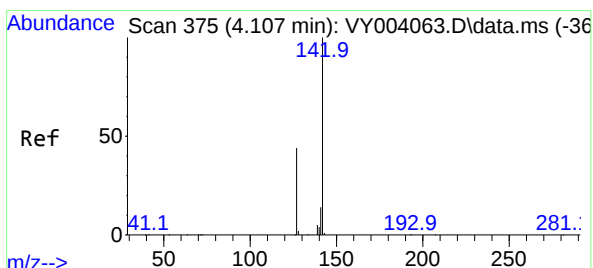
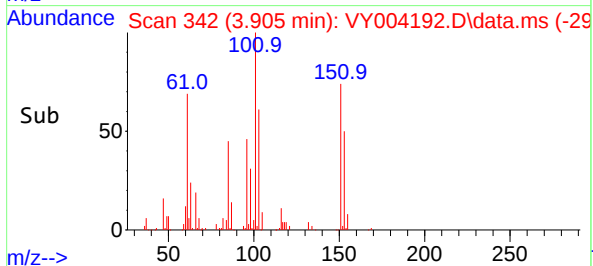
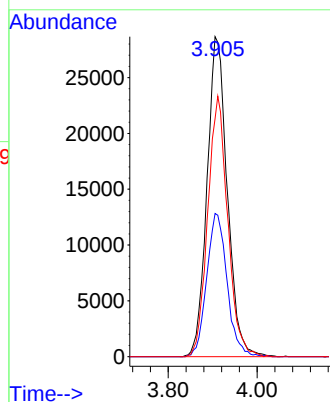
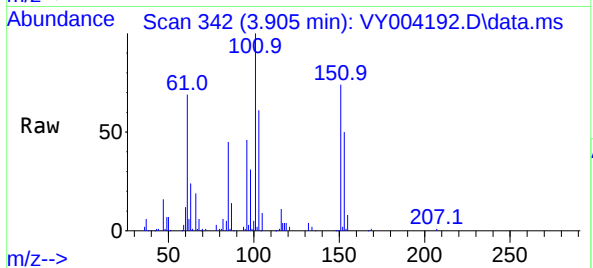
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.52 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.013 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:101 Resp: 90884  
Ion Ratio Lower Upper  
101 100  
85 45.1 36.1 54.1  
151 80.3 66.9 100.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

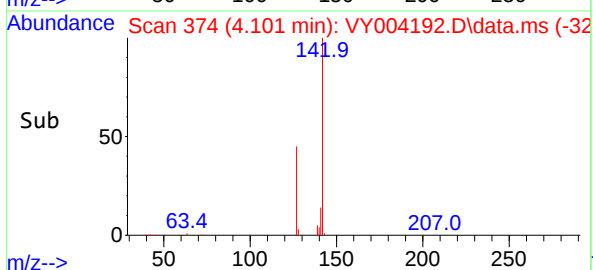
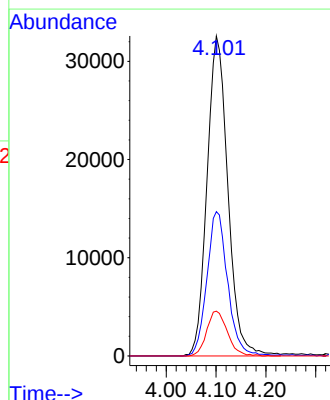
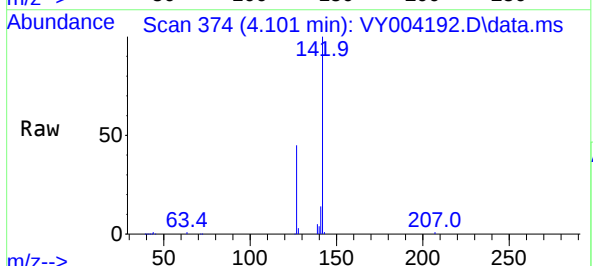
Manual Integrations  
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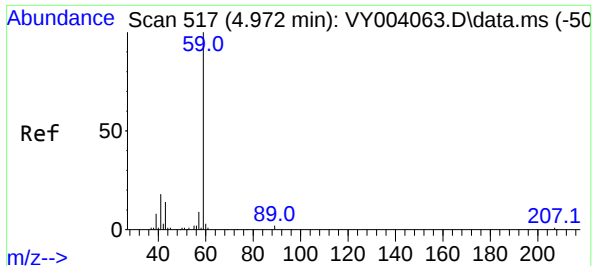
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#10  
Methyl Iodide  
Concen: 49.47 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

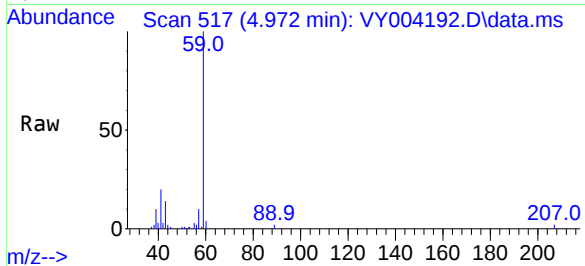
Tgt Ion:142 Resp: 94679  
Ion Ratio Lower Upper  
142 100  
127 44.8 35.4 53.0  
141 13.9 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 285.11 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

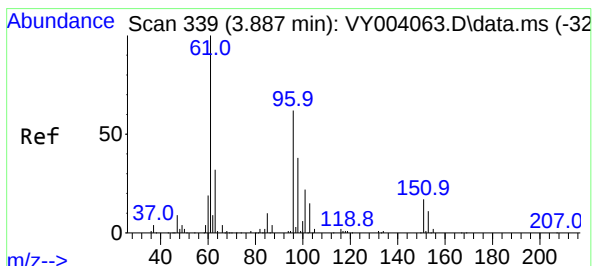
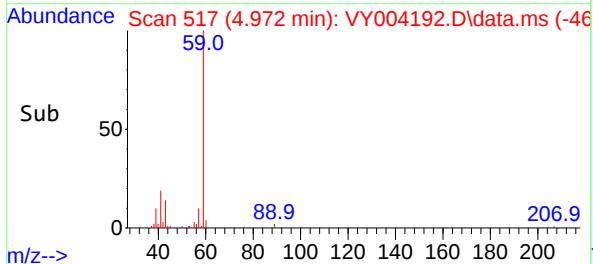
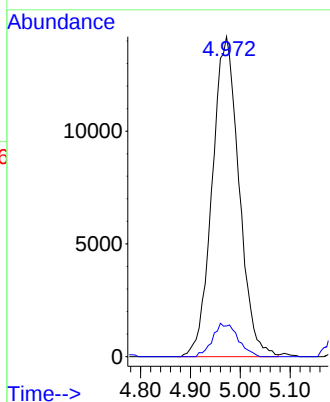
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



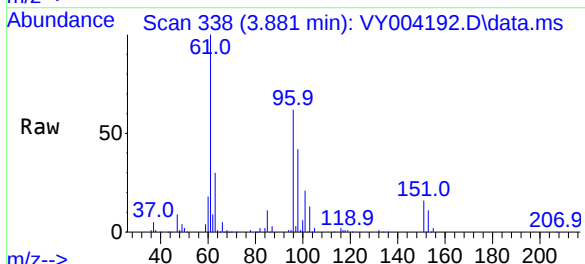
Tgt Ion: 59 Resp: 53032  
Ion Ratio Lower Upper  
59 100  
57 9.8 6.9 10.3

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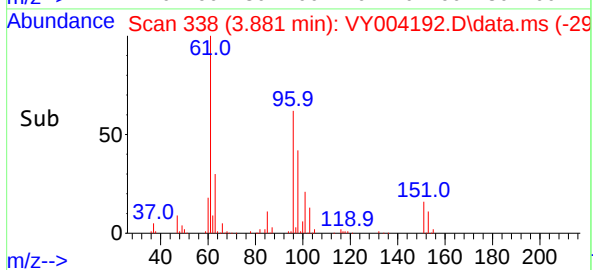
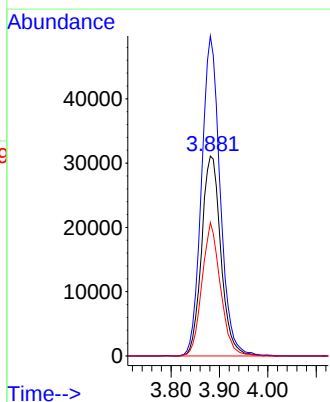
MMDadoda  
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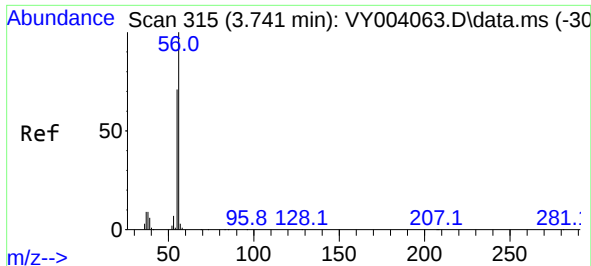


#12  
1,1-Dichloroethene  
Concen: 47.03 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion: 96 Resp: 86196  
Ion Ratio Lower Upper  
96 100  
61 160.1 130.7 196.1  
98 66.8 48.9 73.3





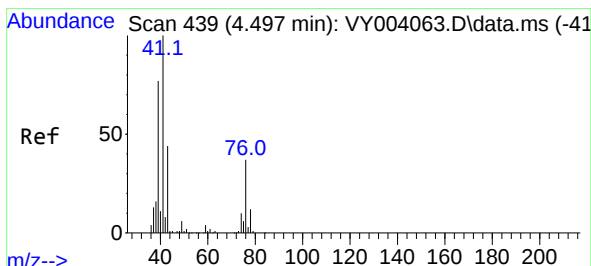
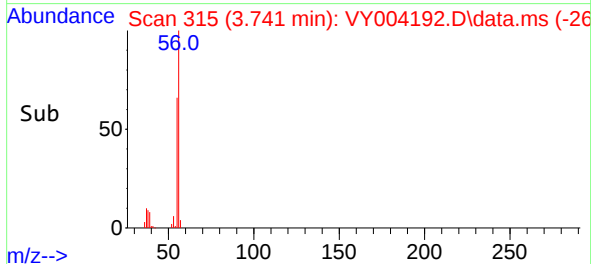
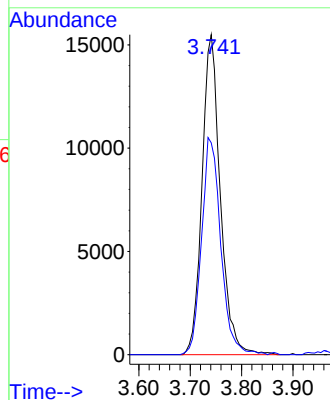
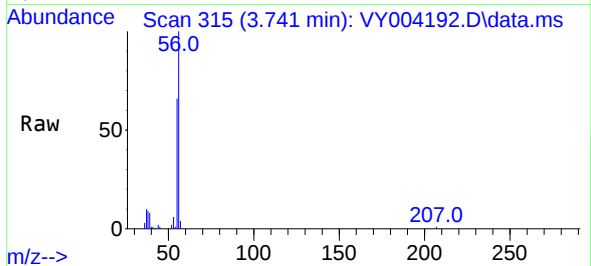
#13  
Acrolein  
Concen: 207.86 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 56 Resp: 38353  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.4 83.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

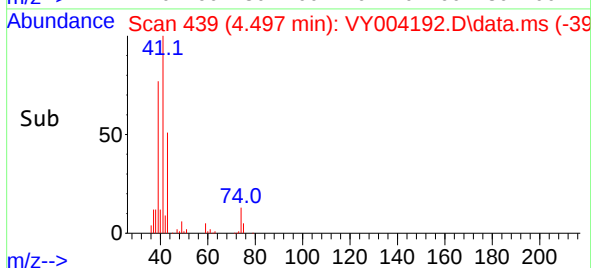
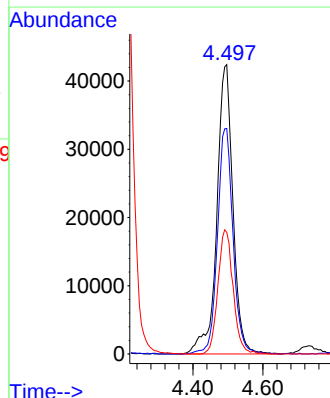
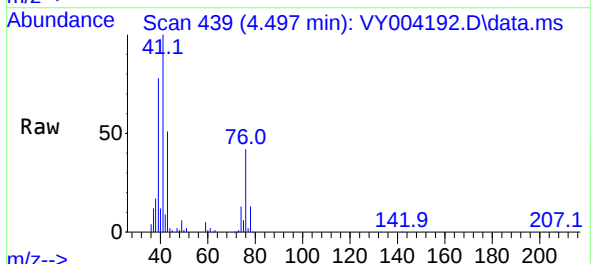
Manual Integrations  
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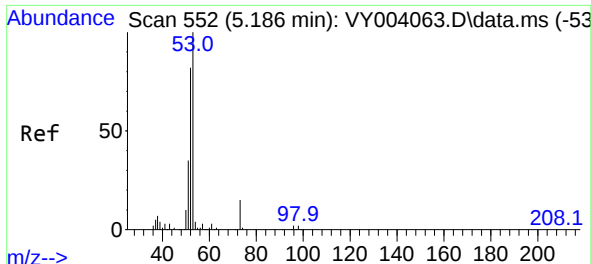
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#14  
Allyl chloride  
Concen: 44.72 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

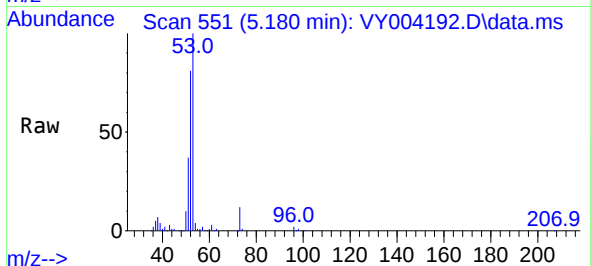
Tgt Ion: 41 Resp: 135582  
Ion Ratio Lower Upper  
41 100  
39 75.4 54.0 81.0  
76 40.4 26.1 39.1#





#15  
Acrylonitrile  
Concen: 268.81 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

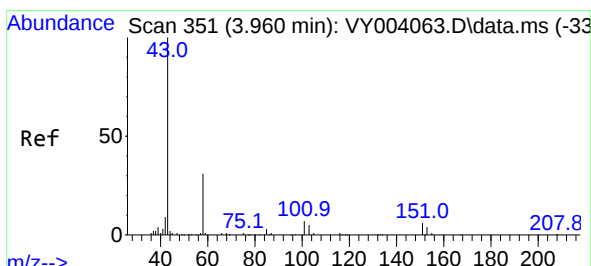
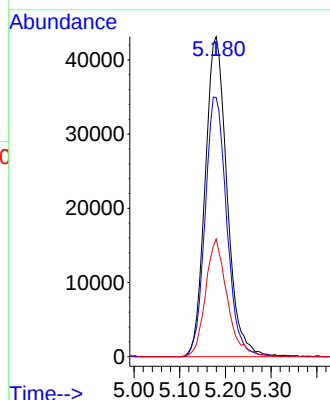
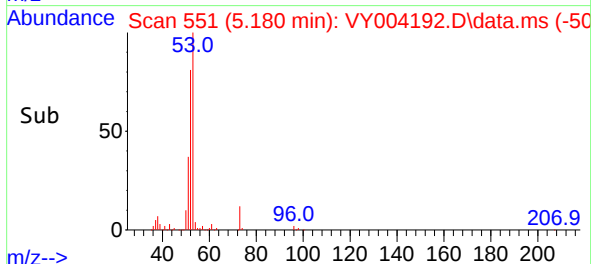
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



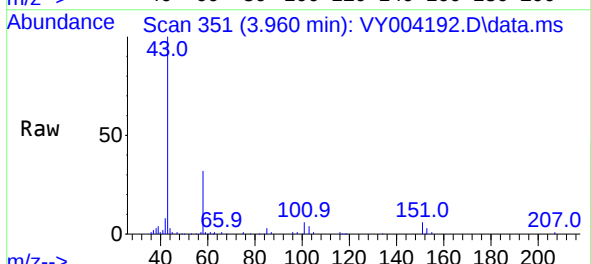
Tgt Ion: 53 Resp: 143393  
Ion Ratio Lower Upper  
53 100  
52 80.5 66.2 99.4  
51 36.6 29.5 44.3

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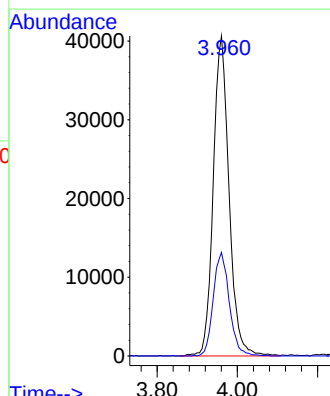
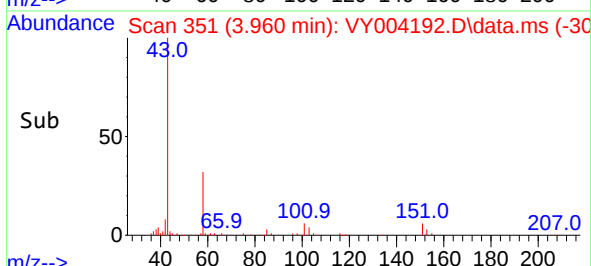
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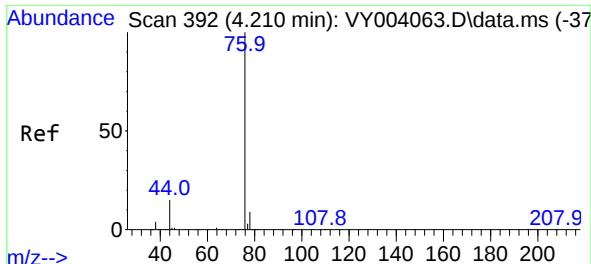


#16  
Acetone  
Concen: 223.46 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



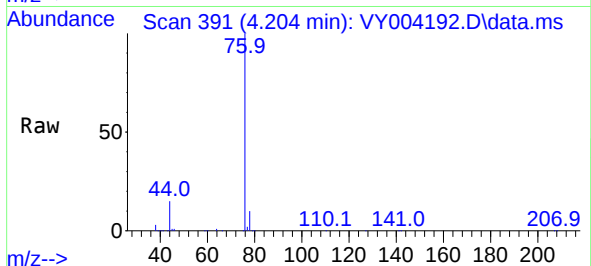
Tgt Ion: 43 Resp: 110966  
Ion Ratio Lower Upper  
43 100  
58 32.4 22.6 34.0





#17  
Carbon Disulfide  
Concen: 40.67 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

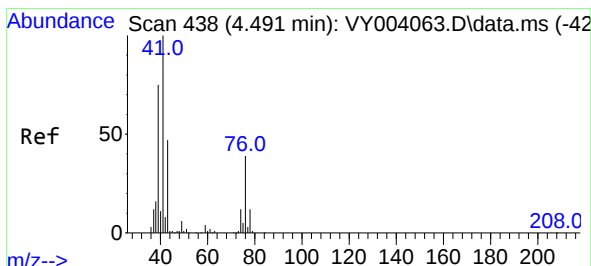
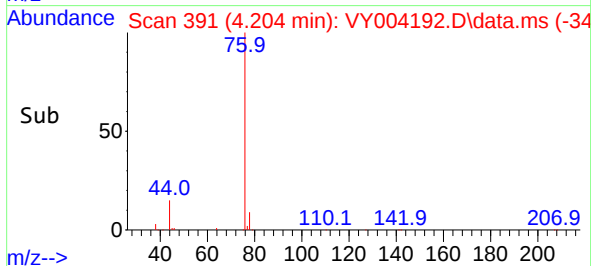
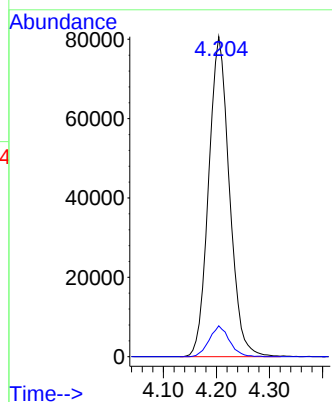
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 219192  
Ion Ratio Lower Upper  
76 100  
78 9.6 6.8 10.2

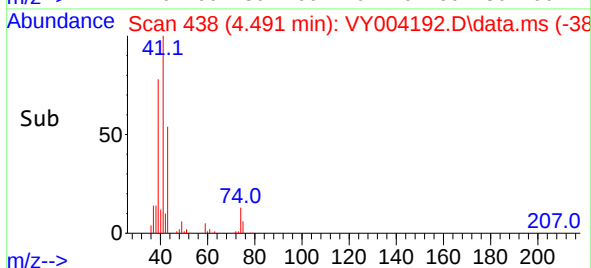
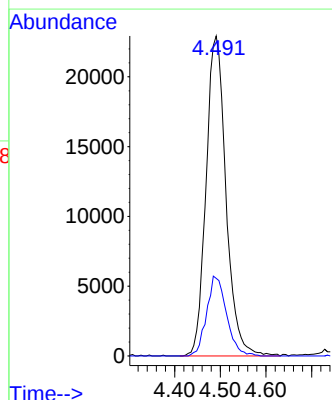
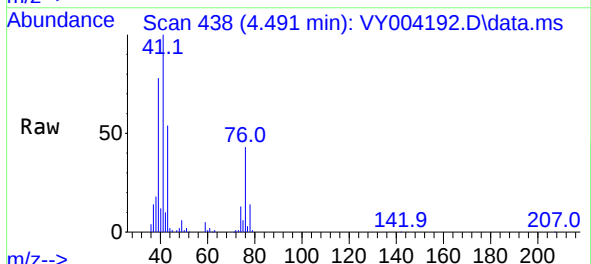
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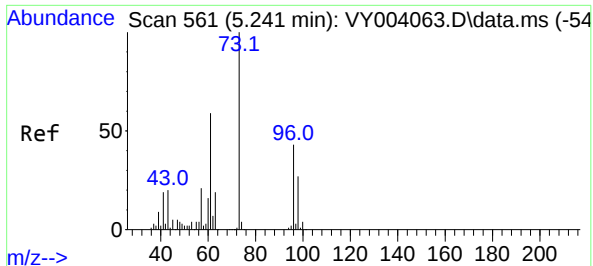
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#18  
Methyl Acetate  
Concen: 56.59 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 43 Resp: 69424  
Ion Ratio Lower Upper  
43 100  
74 24.9 17.6 26.4





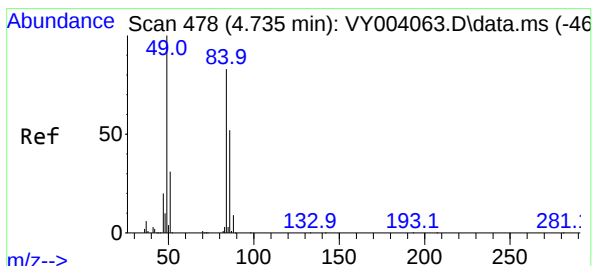
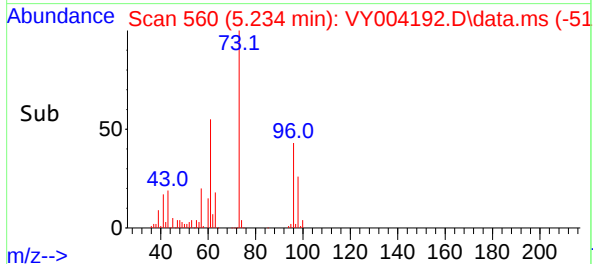
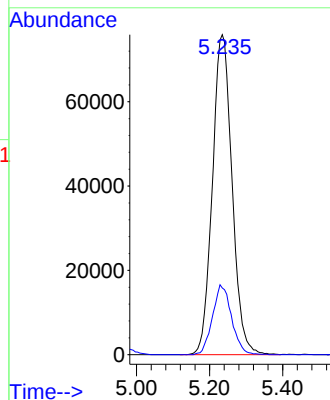
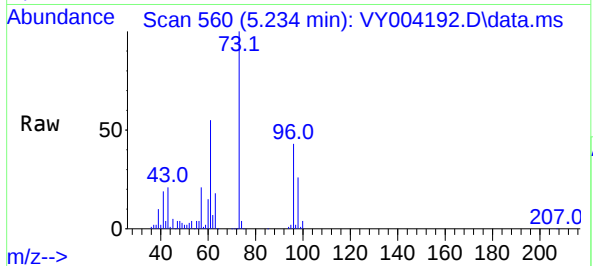
#19  
Methyl tert-butyl Ether  
Concen: 54.31 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 73 Resp: 283423  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.5 26.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

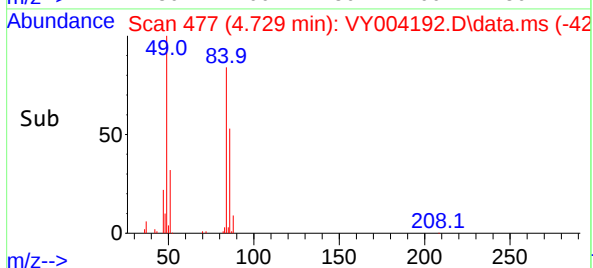
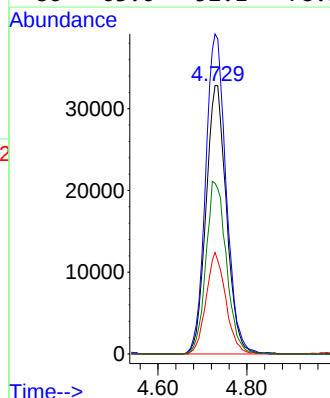
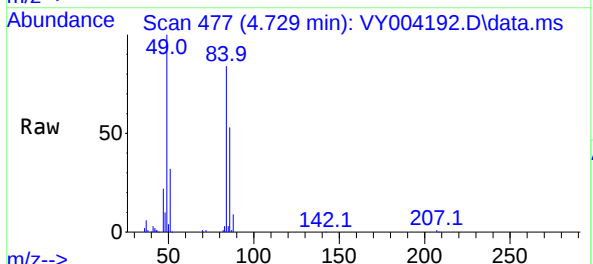
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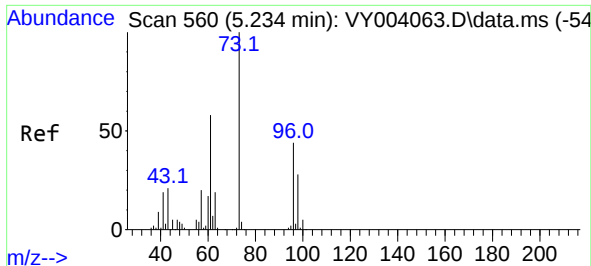
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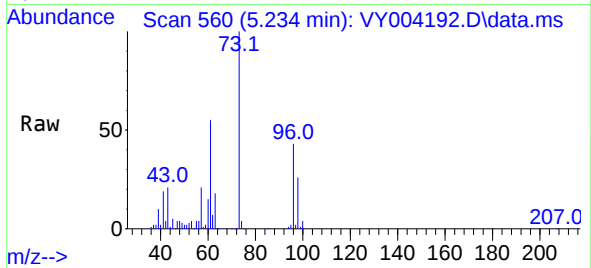
#20  
Methylene Chloride  
Concen: 52.84 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 84 Resp: 104963  
Ion Ratio Lower Upper  
84 100  
49 119.2 105.8 158.6  
51 37.8 32.6 48.8  
86 63.6 52.1 78.1

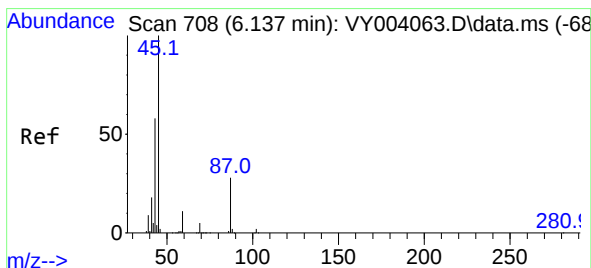
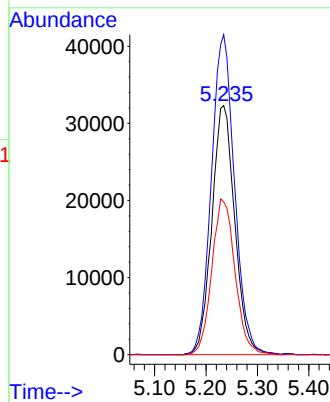
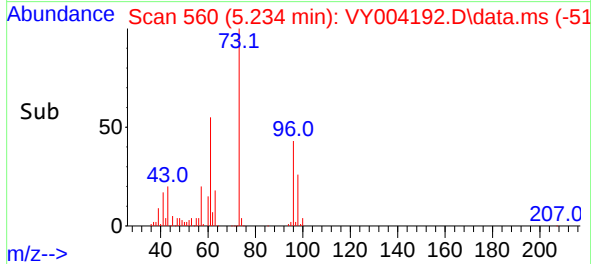




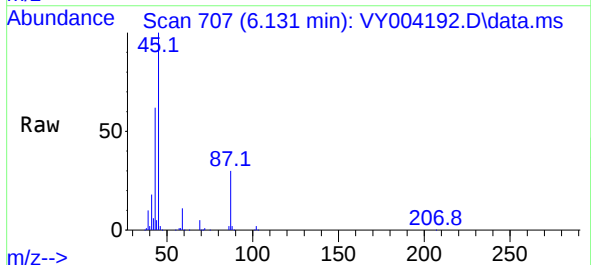
#21  
trans-1,2-Dichloroethene  
Concen: 48.69 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



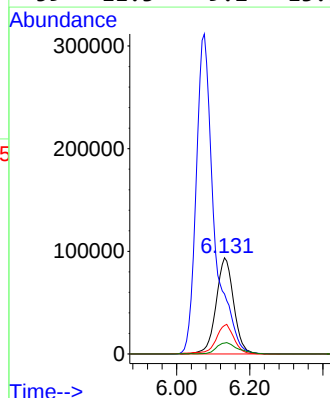
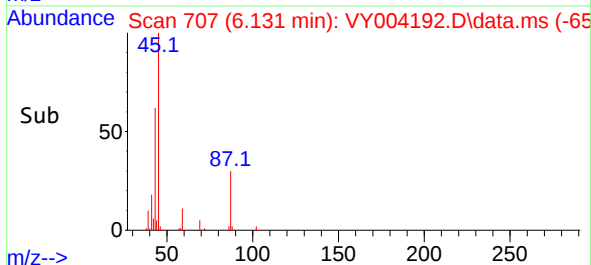
Tgt Ion: 96 Resp: 100270  
Ion Ratio Lower Upper  
96 100  
61 128.4 110.8 166.2  
98 61.3 51.0 76.6



#22  
Diisopropyl ether  
Concen: 48.93 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



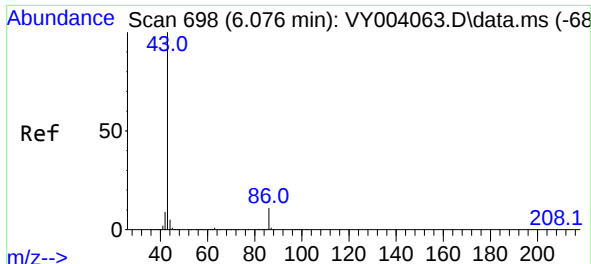
Tgt Ion: 45 Resp: 313124  
Ion Ratio Lower Upper  
45 100  
43 62.3 45.1 67.7  
87 29.6 21.0 31.4  
59 11.3 9.2 13.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

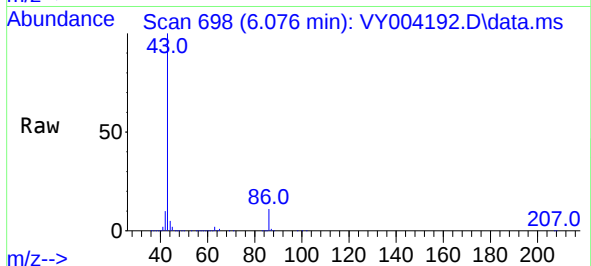
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#23  
 Vinyl Acetate  
 Concen: 251.63 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY004192.D  
 Acq: 24 Mar 2021 17:54

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

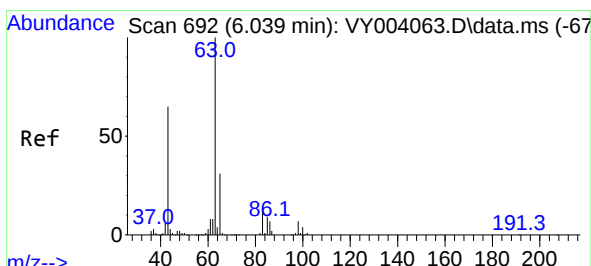
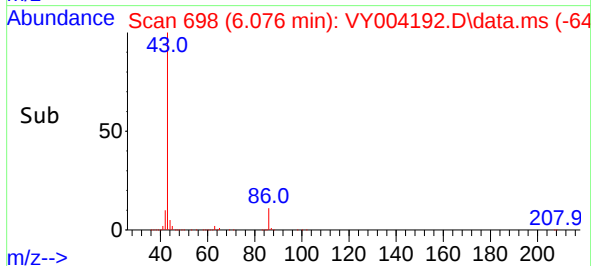
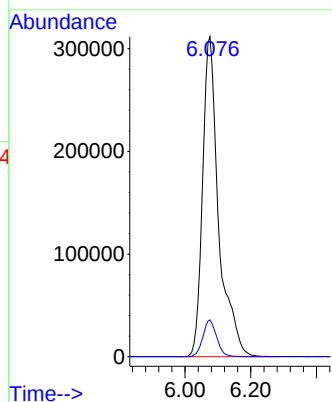


Tgt Ion: 43 Resp: 1059989  

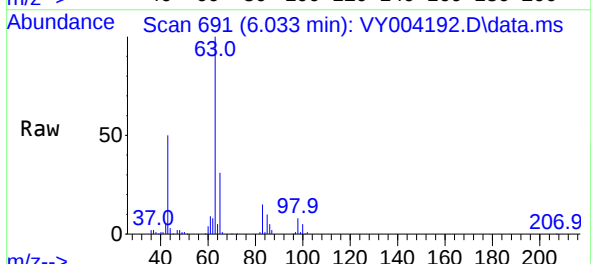
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 11.5  | 7.8   | 11.6  |

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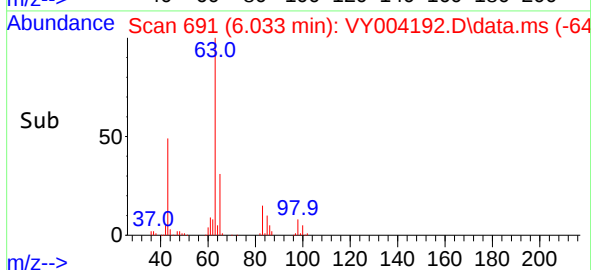
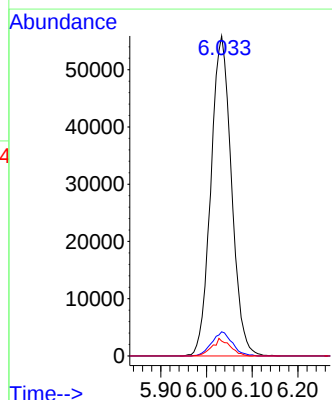


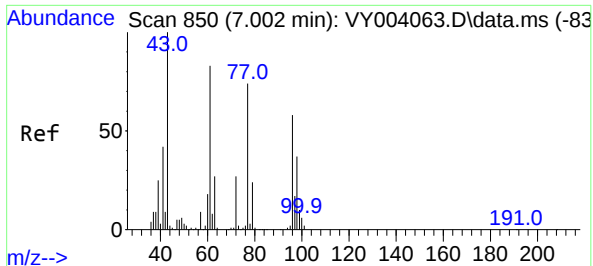
#24  
 1,1-Dichloroethane  
 Concen: 49.29 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. -0.006 min  
 Lab File: VY004192.D  
 Acq: 24 Mar 2021 17:54



Tgt Ion: 63 Resp: 175135  

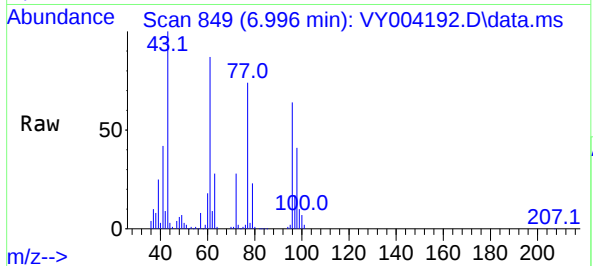
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.6   | 3.5   | 10.4  |
| 100 | 4.6   | 2.3   | 6.9   |





#25  
2-Butanone  
Concen: 263.34 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

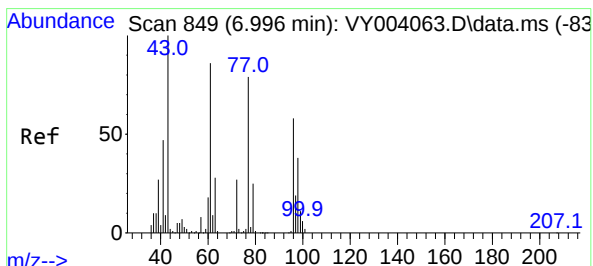
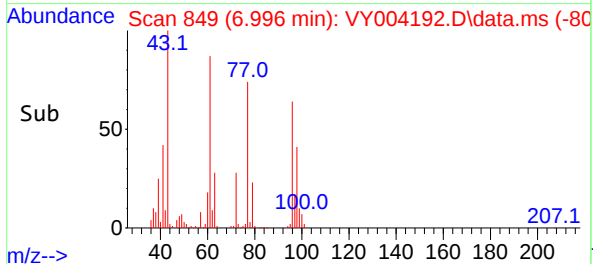
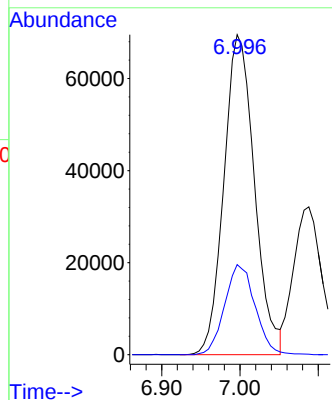
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 188511  
Ion Ratio Lower Upper  
43 100  
72 28.2 19.4 29.0

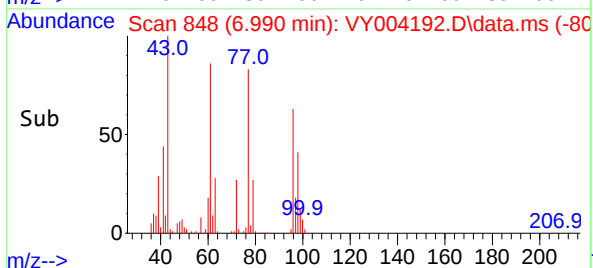
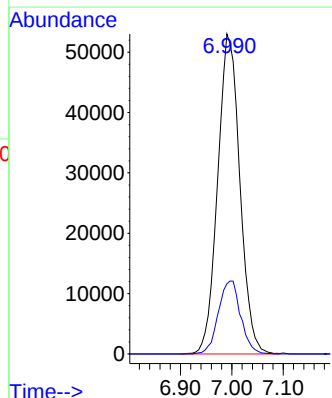
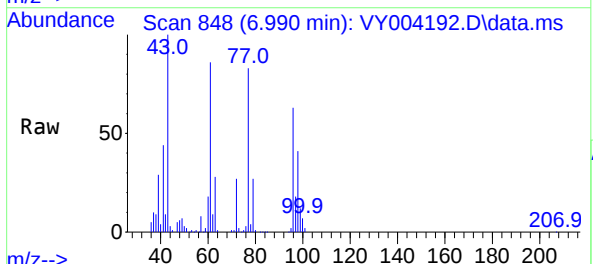
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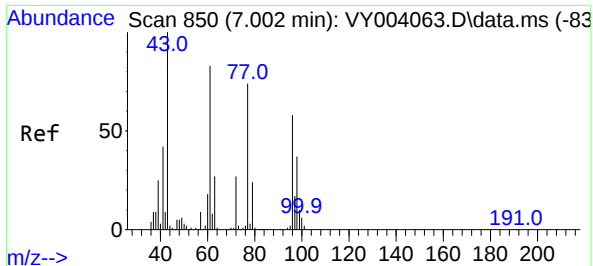
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3/25/2021 4:57:31 PM



#26  
2,2-Dichloropropane  
Concen: 46.89 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 77 Resp: 159119  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.4 34.1





#27

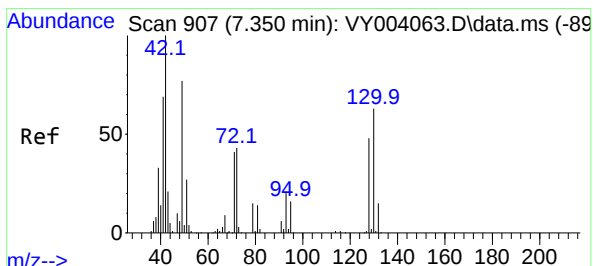
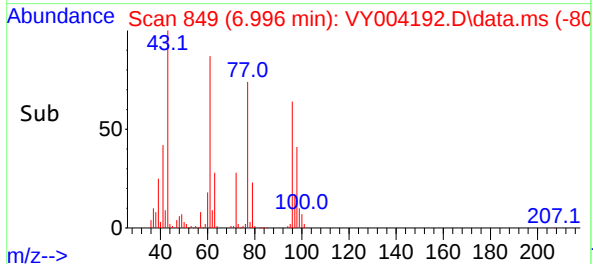
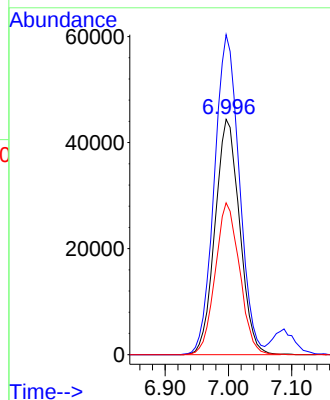
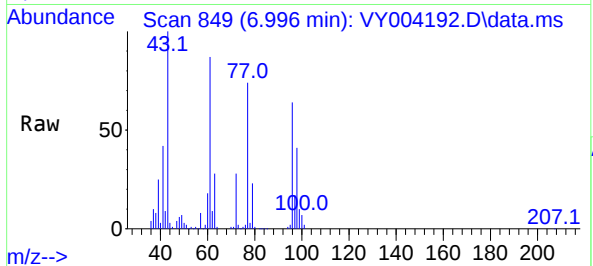
cis-1,2-Dichloroethene  
Concen: 51.13 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 96 Resp: 119866  
Ion Ratio Lower Upper  
96 100  
61 138.3 0.0 303.6  
98 63.9 0.0 130.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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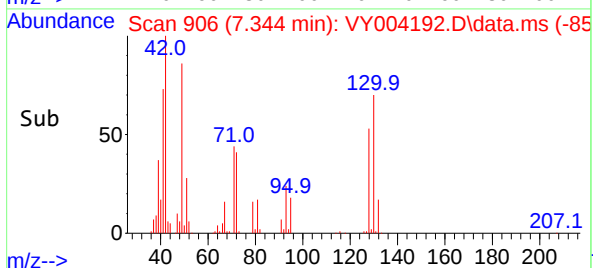
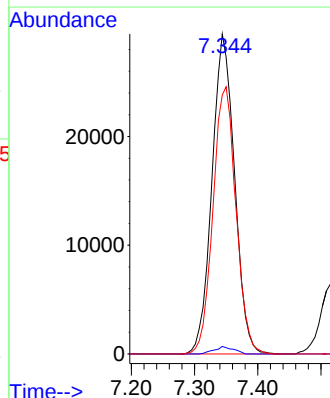
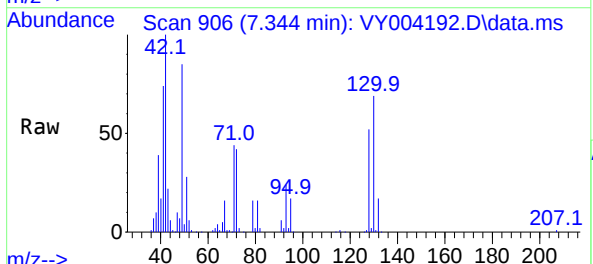
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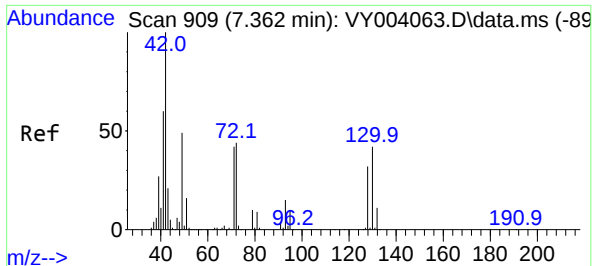


#28

Bromochloromethane  
Concen: 46.96 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 49 Resp: 72863  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.4  
130 84.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 266.70 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004192.D

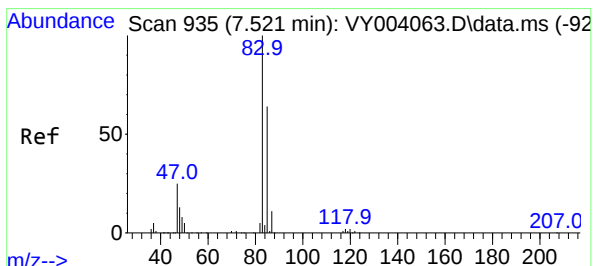
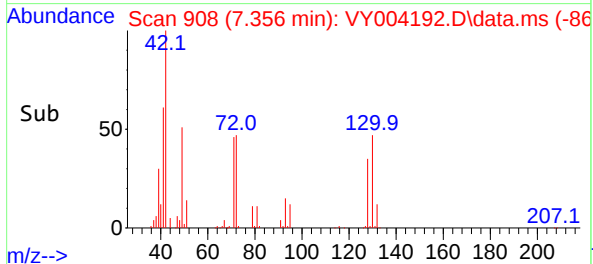
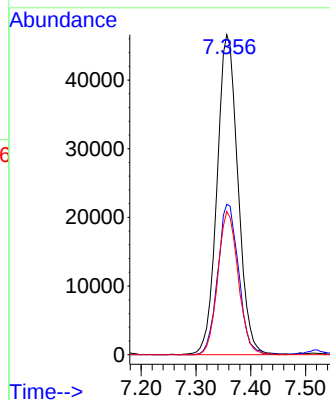
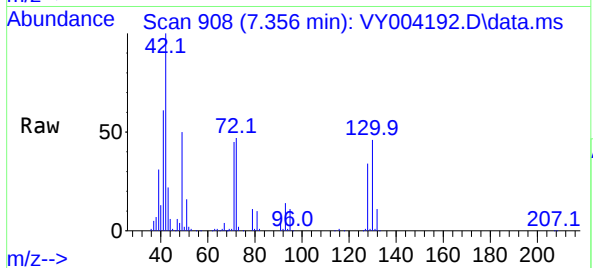
Acq: 24 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 124026 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.7  | 32.6  | 48.8   |
| 71       | 43.6  | 31.0  | 46.6   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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3/25/2021 4:57:31 PM



#30

Chloroform

Concen: 52.44 ug/l

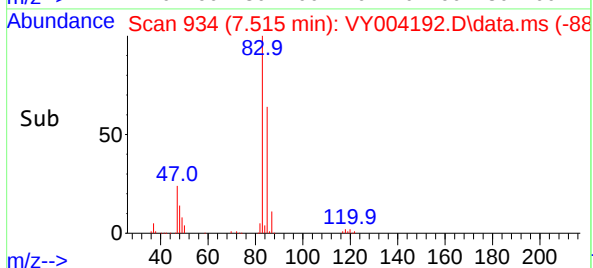
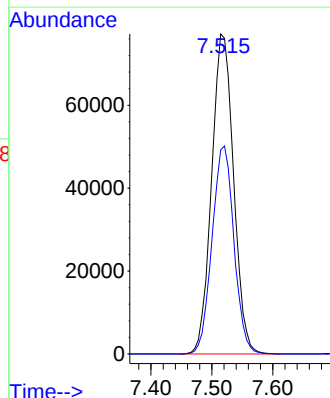
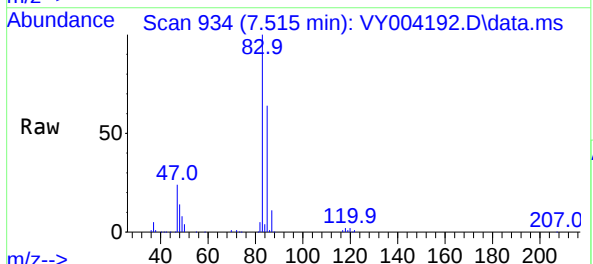
RT: 7.515 min Scan# 934

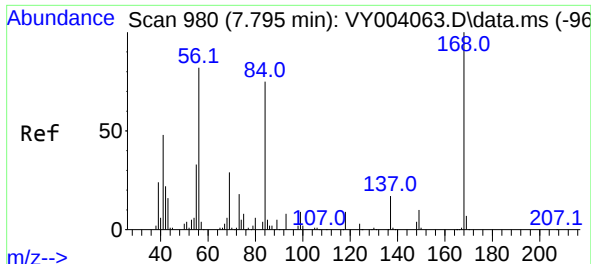
Delta R.T. -0.006 min

Lab File: VY004192.D

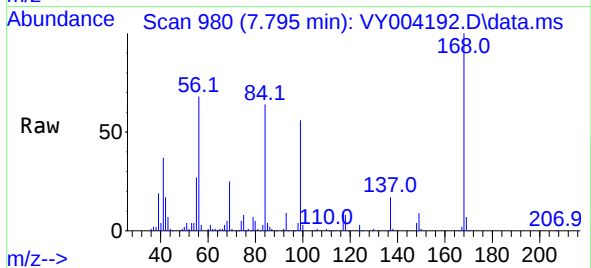
Acq: 24 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 193053 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.8  | 51.0  | 76.6   |

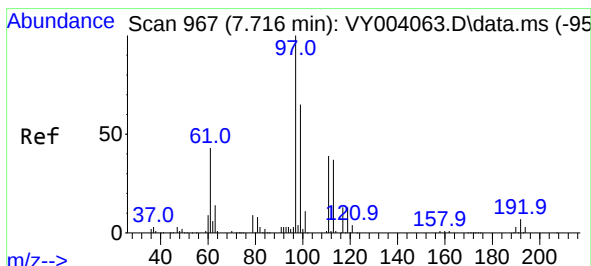
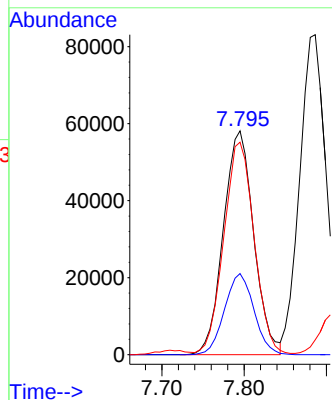
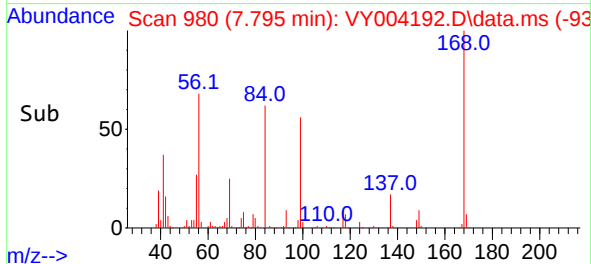




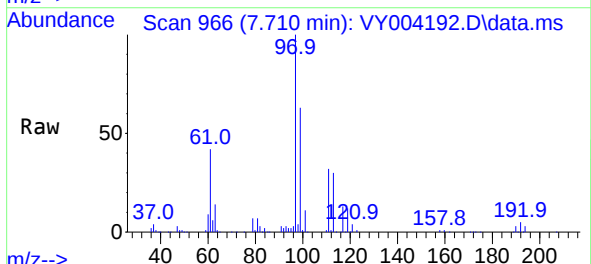
#31  
Cyclohexane  
Concen: 41.43 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



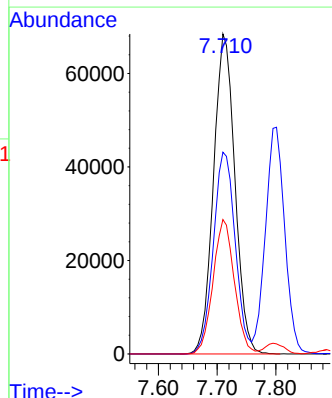
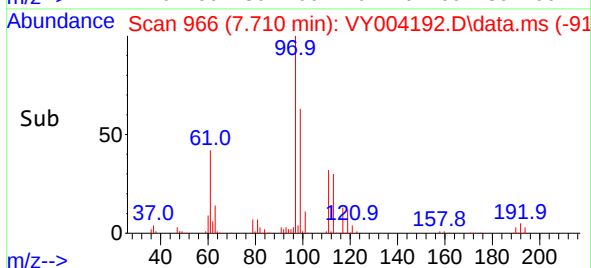
Tgt Ion: 56 Resp: 149518  
Ion Ratio Lower Upper  
56 100  
69 36.3 25.3 37.9  
84 93.1 67.3 100.9



#32  
1,1,1-Trichloroethane  
Concen: 50.74 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



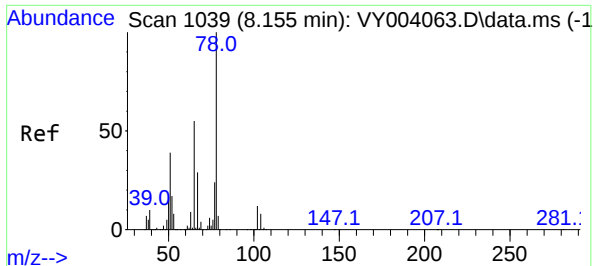
Tgt Ion: 97 Resp: 173284  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.6  
61 41.8 34.5 51.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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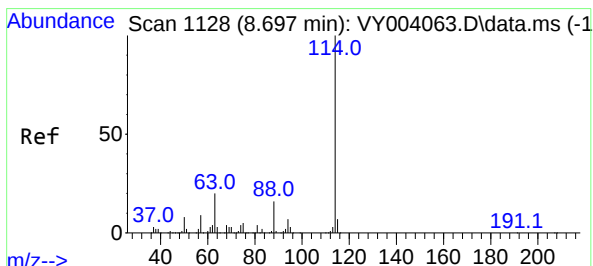
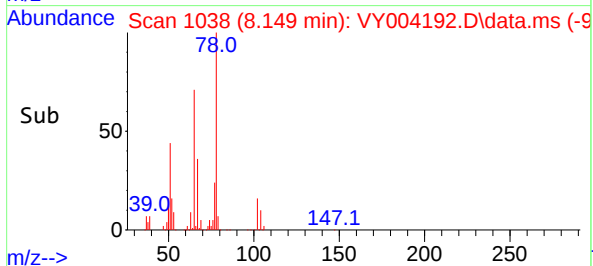
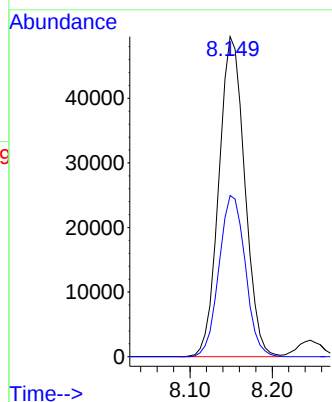
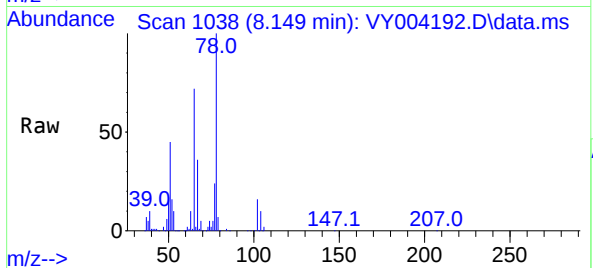
#33  
1,2-Dichloroethane-d4  
Concen: 52.76 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 65 Resp: 108546  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

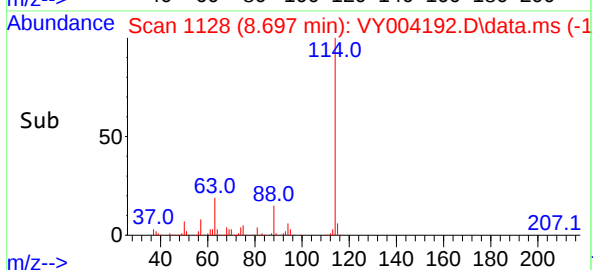
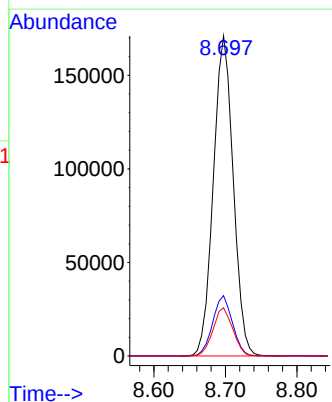
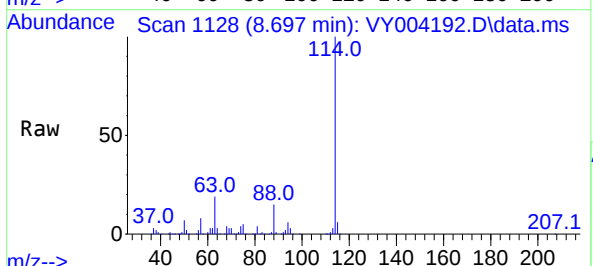
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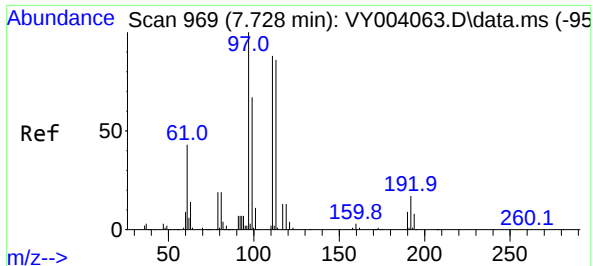
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 114 Resp: 330410  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 41.6  
88 15.0 0.0 31.4





#35  
Dibromofluoromethane  
Concen: 53.39 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

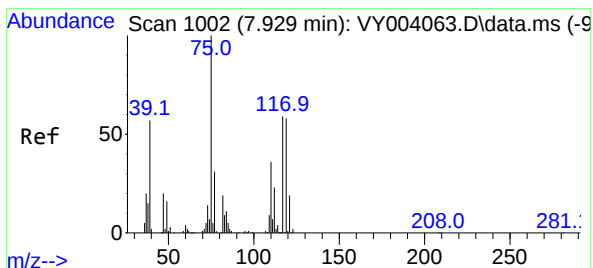
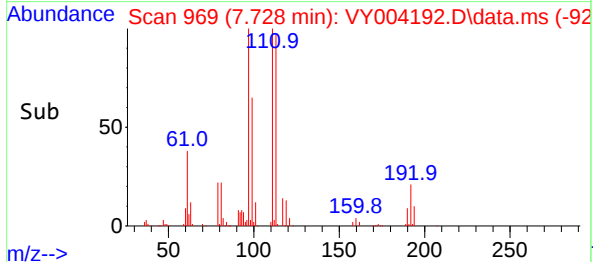
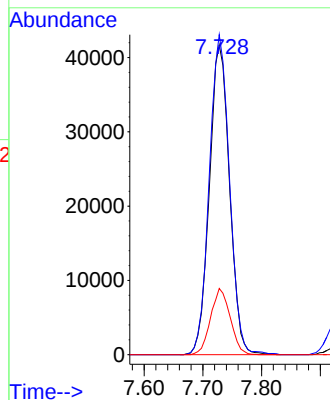
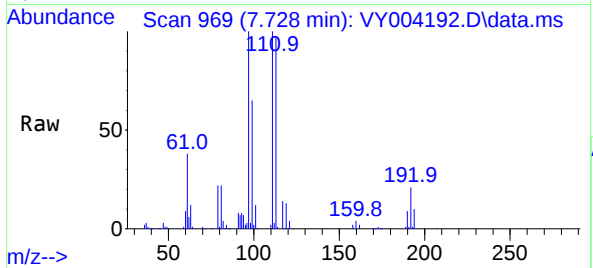
Tgt Ion: 113 Resp: 99483  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.4 | 83.2  | 124.8 |
| 192 | 20.8  | 18.5  | 27.7  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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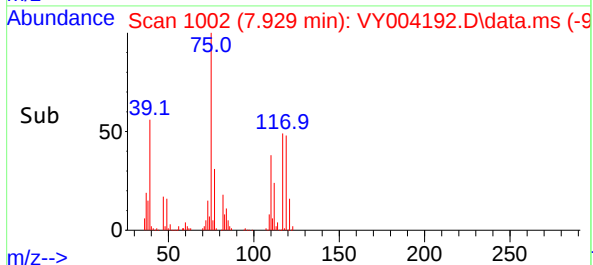
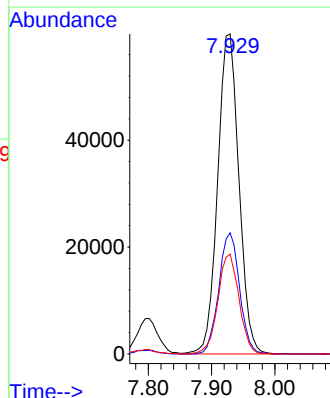
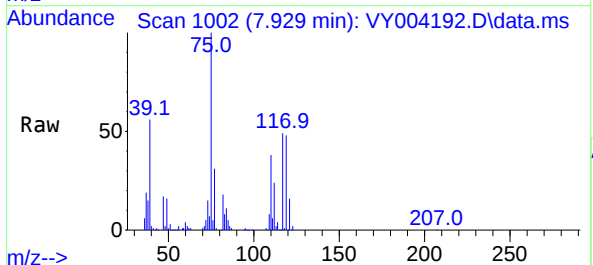
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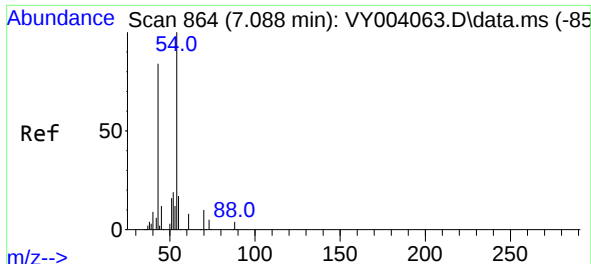


#36  
1,1-Dichloropropene  
Concen: 48.06 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 75 Resp: 139506  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.9  | 17.4  | 52.3  |
| 77  | 31.0  | 24.5  | 36.7  |





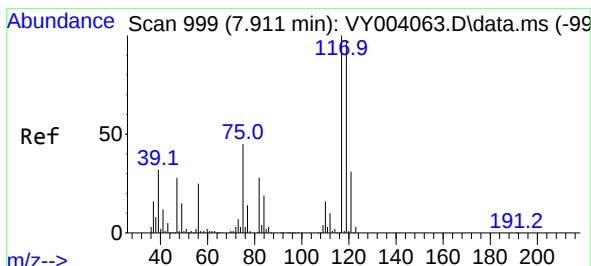
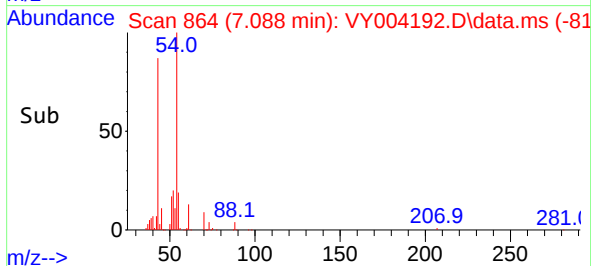
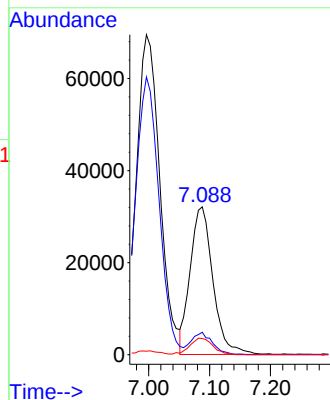
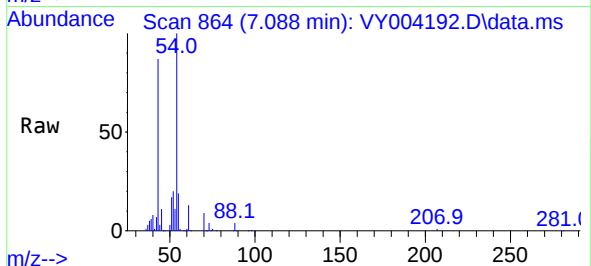
#37  
Ethyl Acetate  
Concen: 53.19 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 83171 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.0  | 10.7  | 16.1  |
| 70       | 11.3  | 7.7   | 11.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

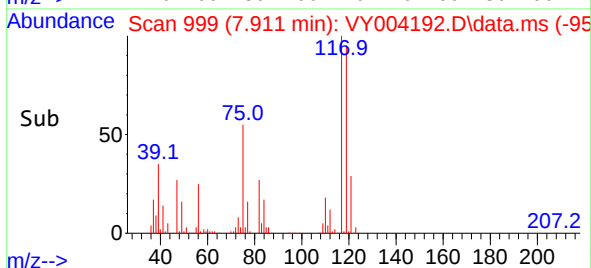
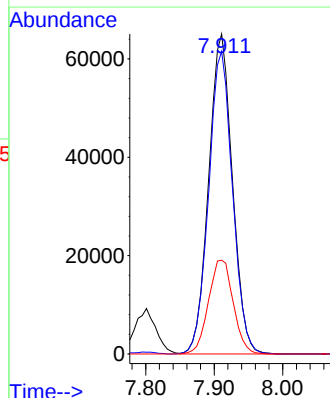
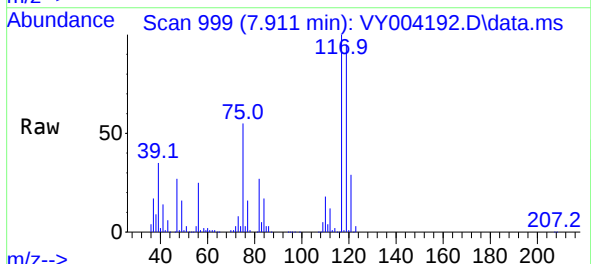
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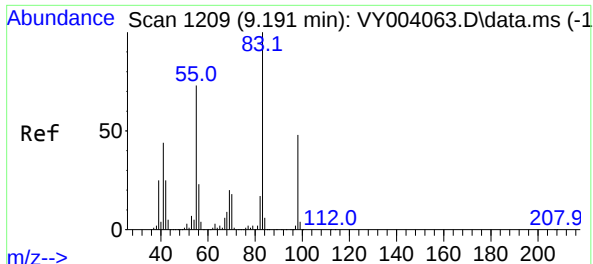
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3/25/2021 4:57:31 PM



#38  
Carbon Tetrachloride  
Concen: 50.73 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 156250 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.5  | 75.4  | 113.0  |
| 121      | 29.3  | 24.2  | 36.2   |





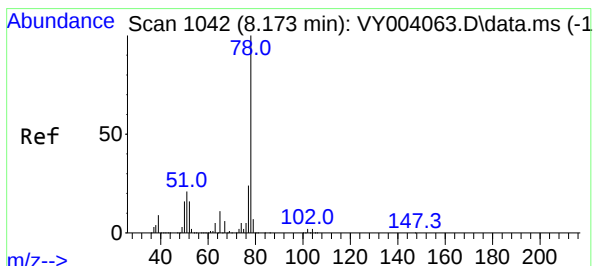
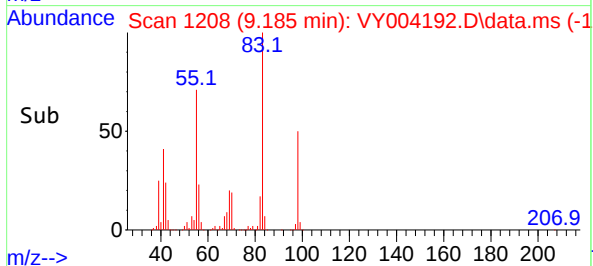
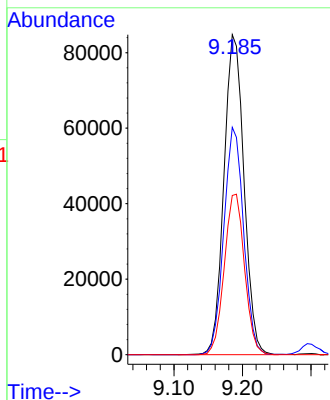
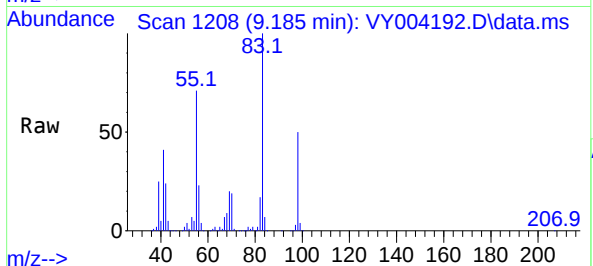
#39  
Methylcyclohexane  
Concen: 45.80 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 171744  
Ion Ratio Lower Upper  
83 100  
55 71.1 65.6 98.4  
98 49.7 39.5 59.3

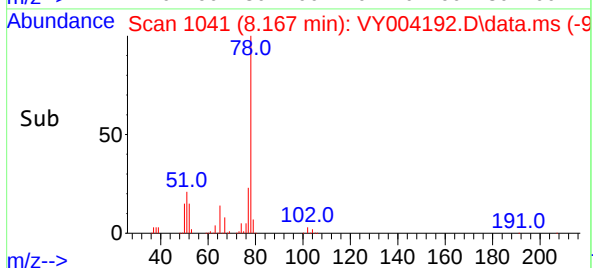
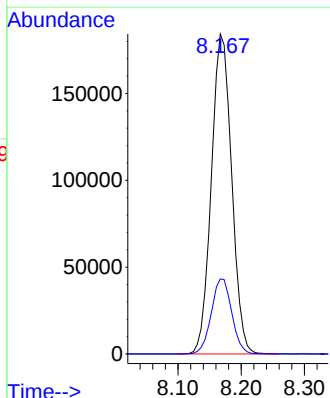
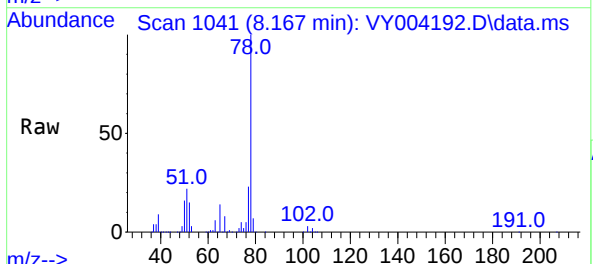
Manual Integrations  
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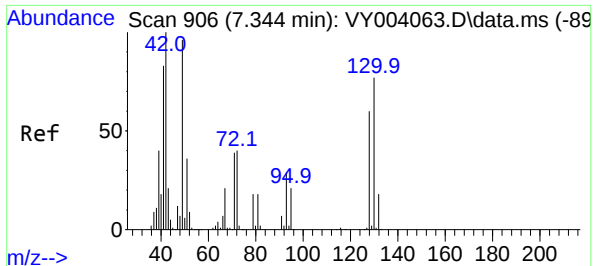
MMDadoda  
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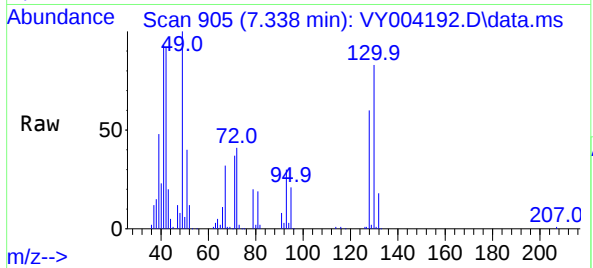
#40  
Benzene  
Concen: 50.16 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 78 Resp: 410165  
Ion Ratio Lower Upper  
78 100  
77 23.5 20.1 30.1



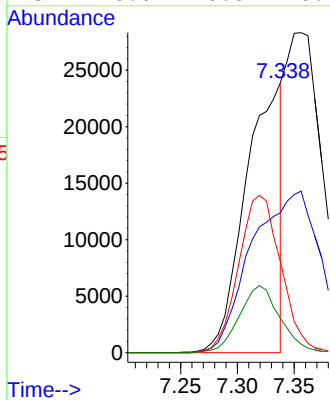


#41  
Methacrylonitrile  
Concen: 55.40 ug/l m  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion: 41 Resp: 53677

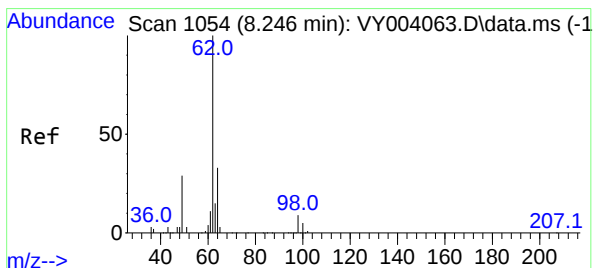
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 112.4 | 91.2  | 136.8 |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |



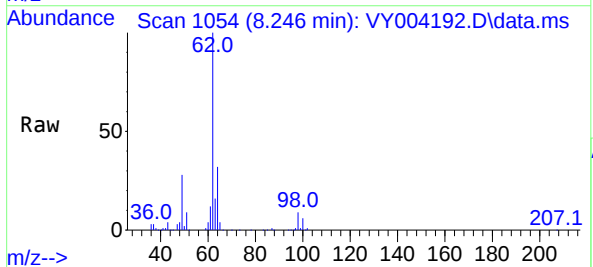
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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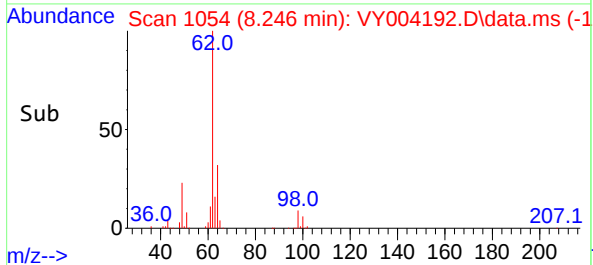
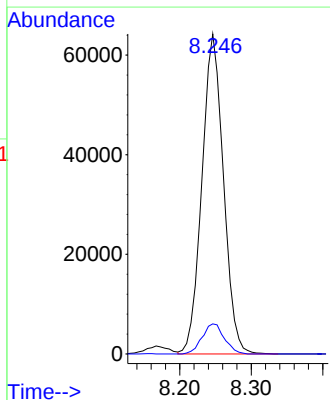


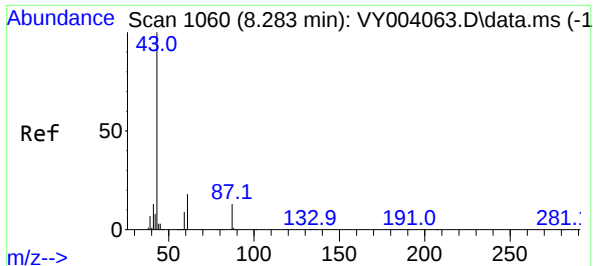
#42  
1,2-Dichloroethane  
Concen: 53.77 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion: 62 Resp: 134386

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.7   | 0.0   | 17.0  |





#43

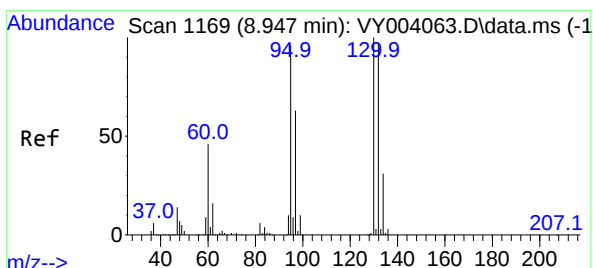
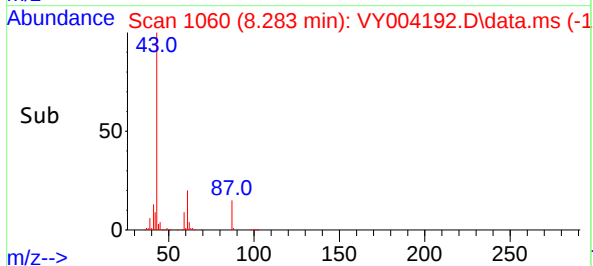
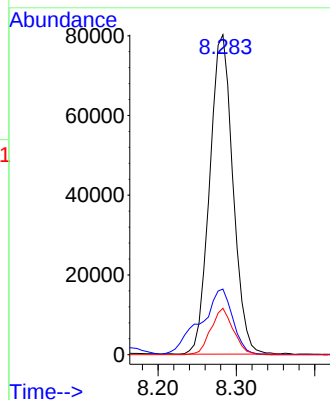
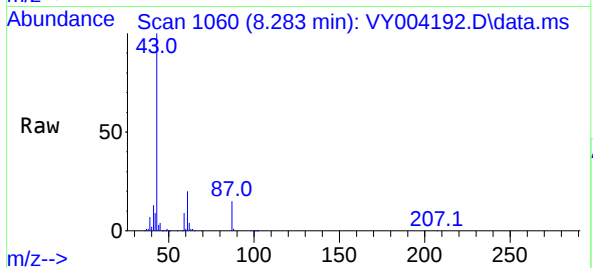
Isopropyl Acetate  
Concen: 52.66 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 43 Resp: 165250  
Ion Ratio Lower Upper  
43 100  
61 28.6 22.1 33.1  
87 14.0 9.8 14.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

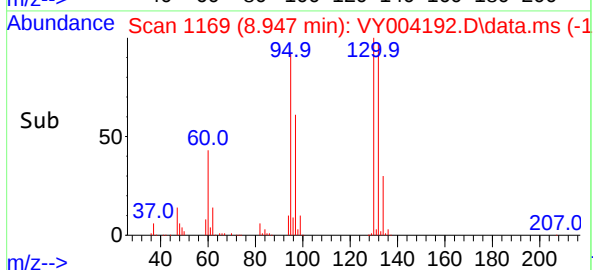
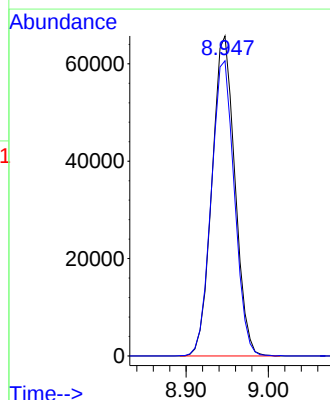
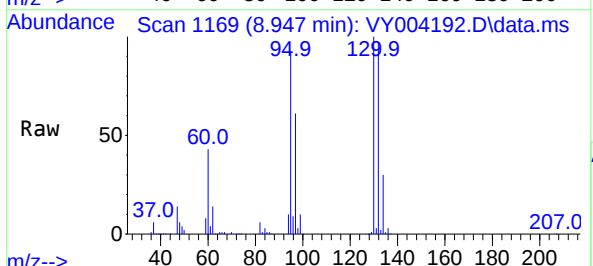
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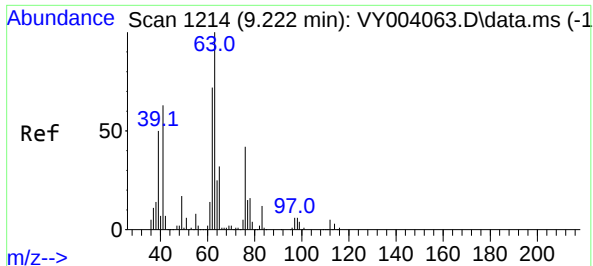


#44

Trichloroethene  
Concen: 53.75 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:130 Resp: 127287  
Ion Ratio Lower Upper  
130 100  
95 92.1 0.0 188.0





#45

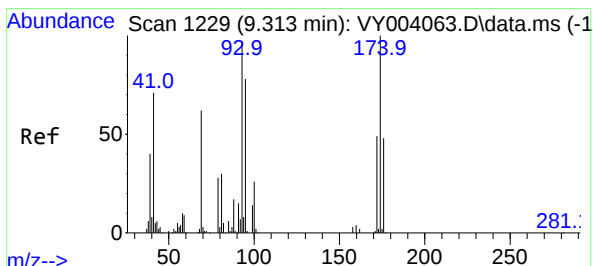
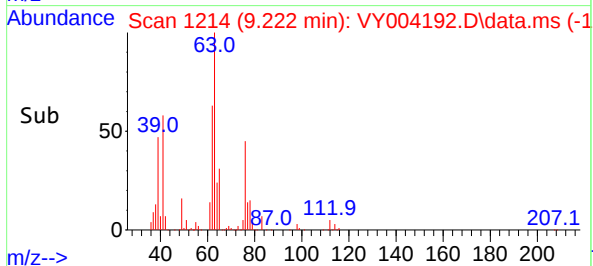
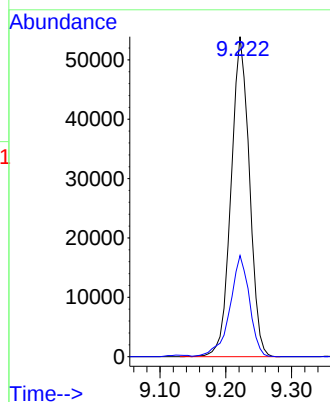
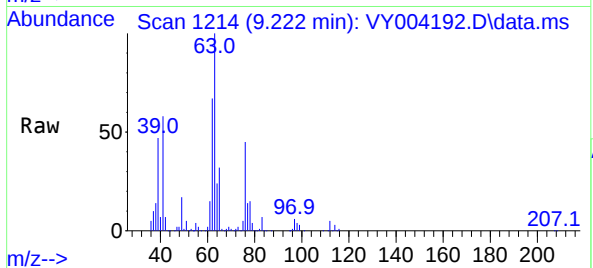
1,2-Dichloropropane  
Concen: 51.16 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 63 Resp: 104448  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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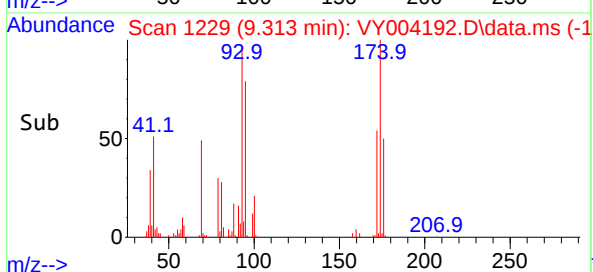
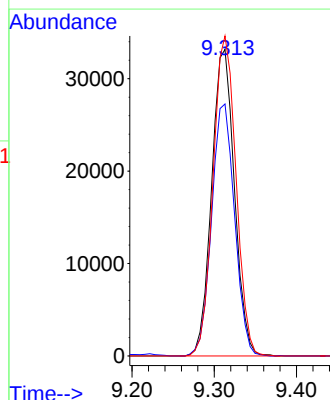
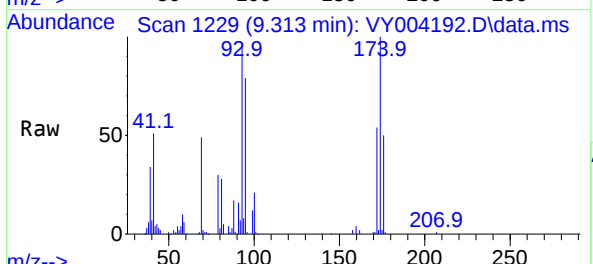
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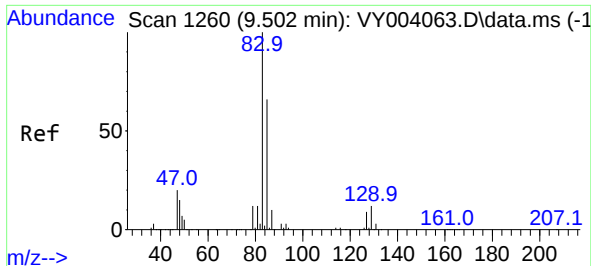


#46

Dibromomethane  
Concen: 54.74 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

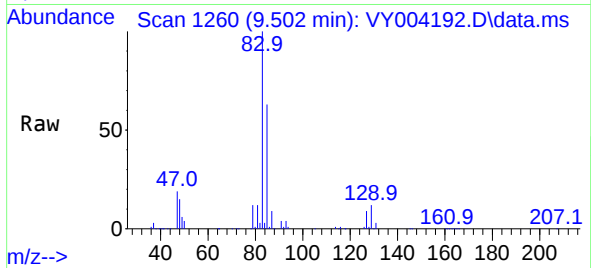
Tgt Ion: 93 Resp: 63895  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.3 99.5  
174 104.9 88.1 132.1





#47  
Bromodichloromethane  
Concen: 53.19 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

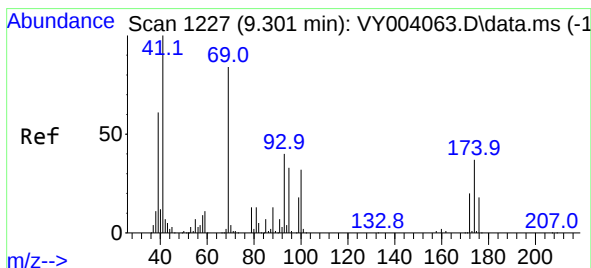
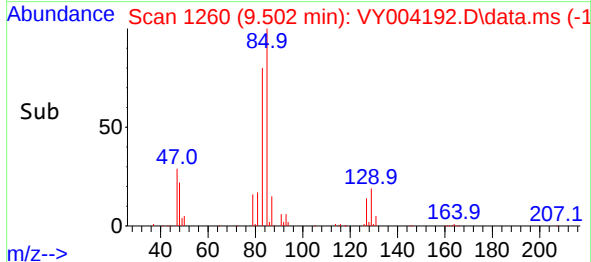
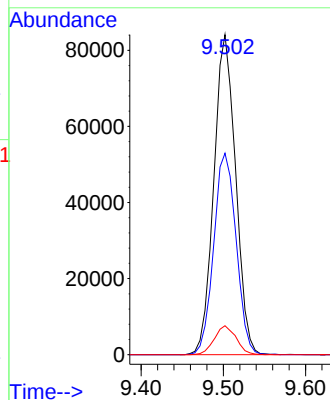
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 154978  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.6 77.4  
127 9.1 6.5 9.7

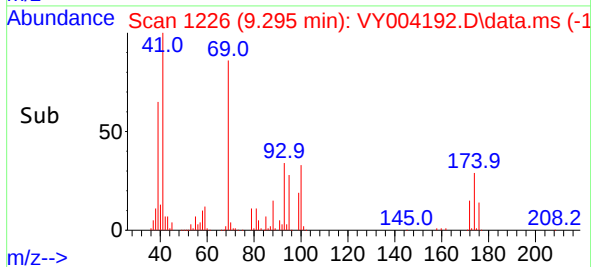
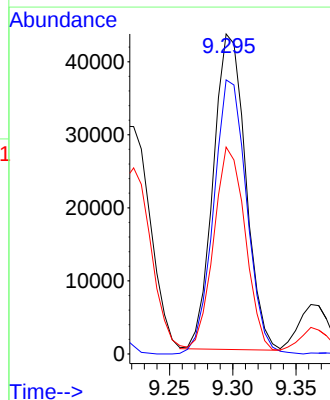
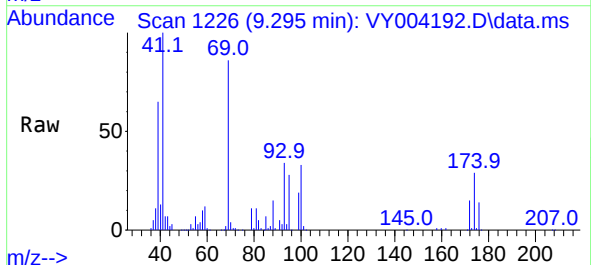
Manual Integrations  
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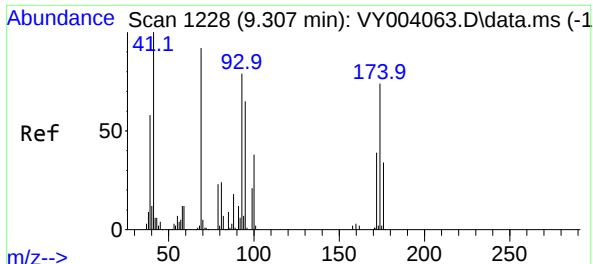
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3/25/2021 4:57:31 PM



#48  
Methyl methacrylate  
Concen: 51.58 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 41 Resp: 76892  
Ion Ratio Lower Upper  
41 100  
69 88.7 65.1 97.7  
39 65.4 44.2 66.2





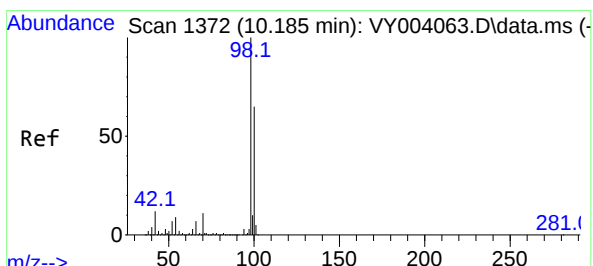
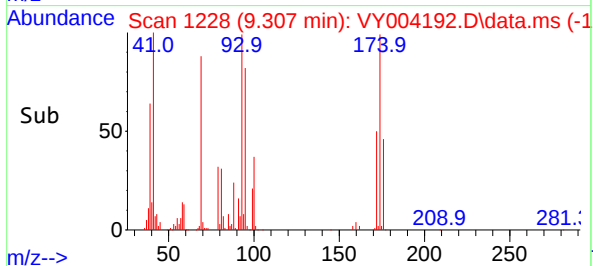
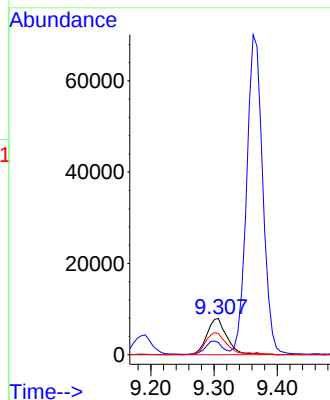
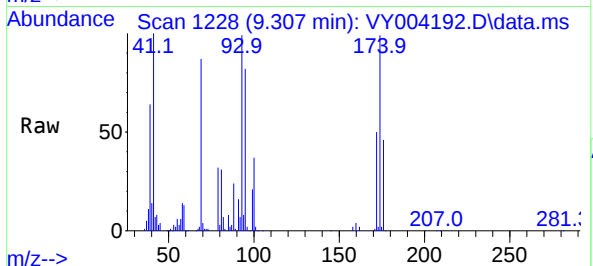
#49  
1,4-Dioxane  
Concen: 1174.08 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 88 Resp: 17445  
Ion Ratio Lower Upper  
88 100  
43 31.9 32.0 48.0#  
58 63.0 56.5 84.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

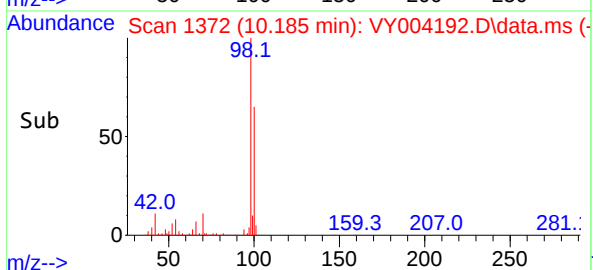
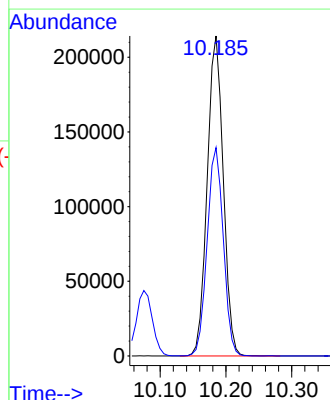
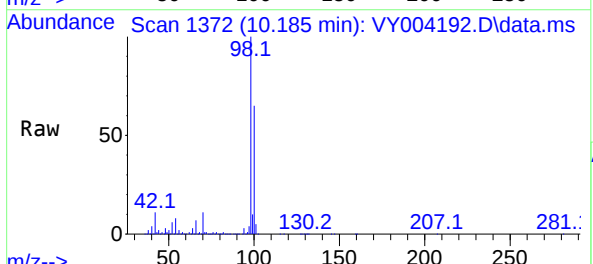
Manual Integrations  
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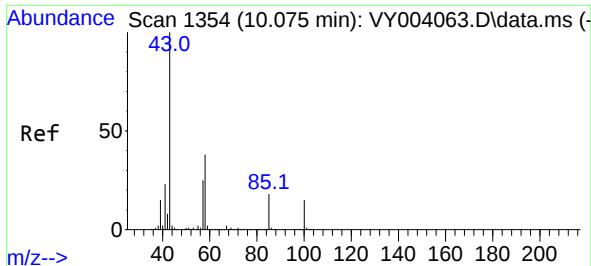
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#50  
Toluene-d8  
Concen: 49.82 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 98 Resp: 363942  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.8 77.6





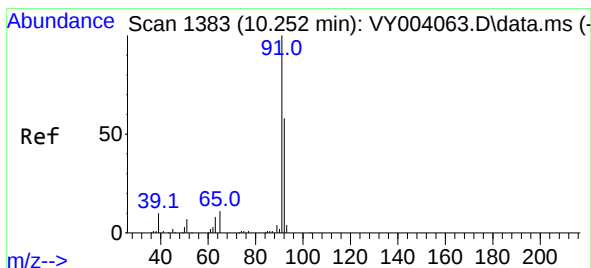
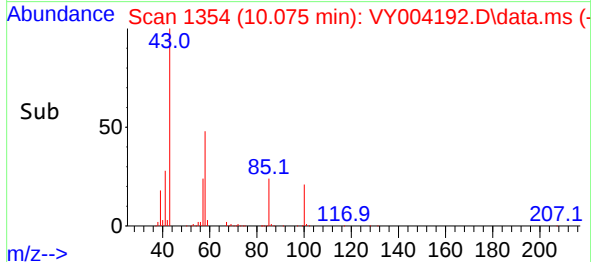
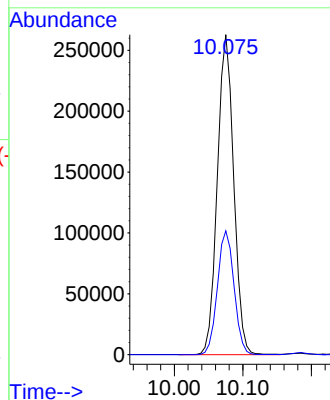
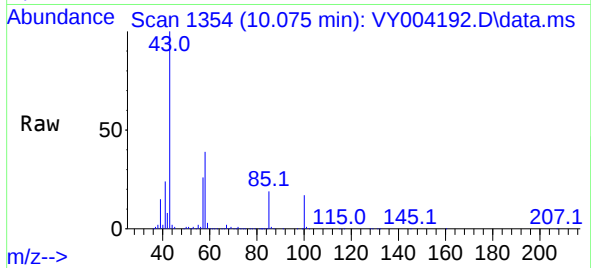
#51  
4-Methyl-2-Pentanone  
Concen: 273.34 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 43 Resp: 434330  
Ion Ratio Lower Upper  
43 100  
58 39.2 29.8 44.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

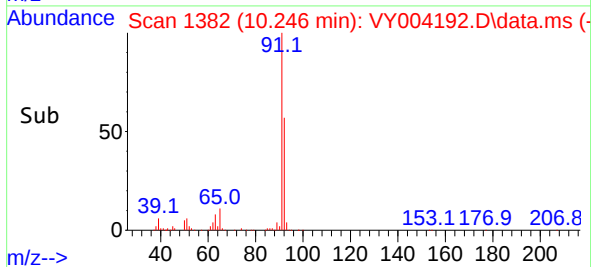
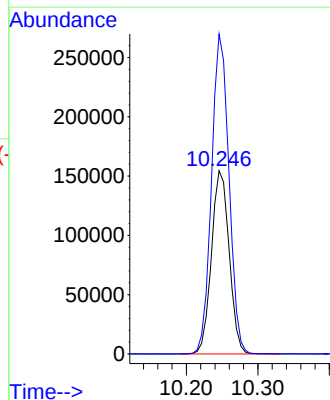
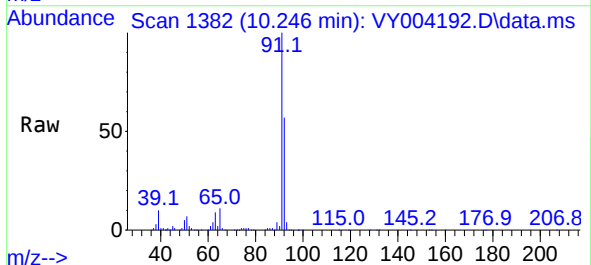
Manual Integrations  
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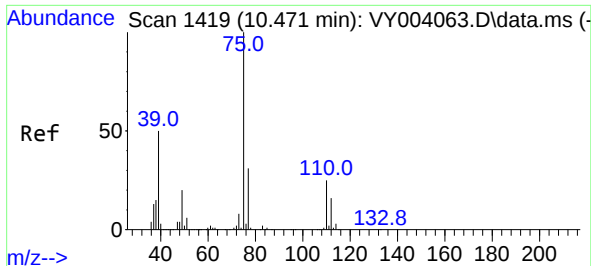
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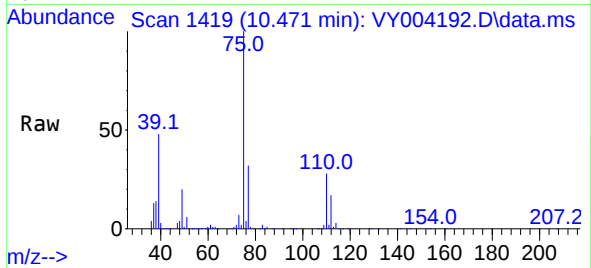
#52  
Toluene  
Concen: 50.14 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 92 Resp: 265537  
Ion Ratio Lower Upper  
92 100  
91 171.9 141.0 211.4

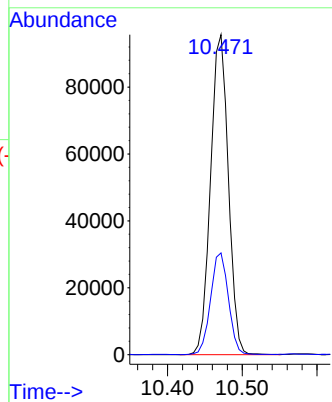
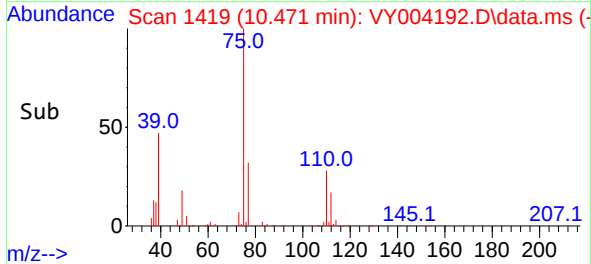




#53  
t-1,3-Dichloropropene  
Concen: 51.47 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



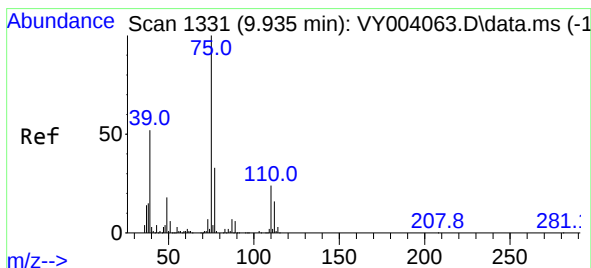
Tgt Ion: 75 Resp: 158235  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.5 36.7



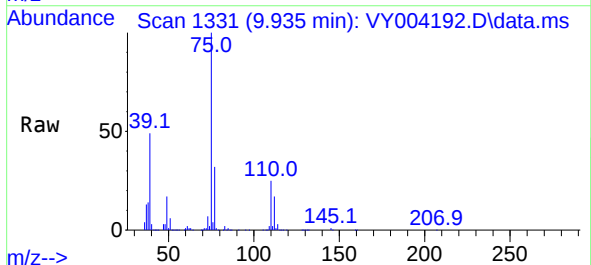
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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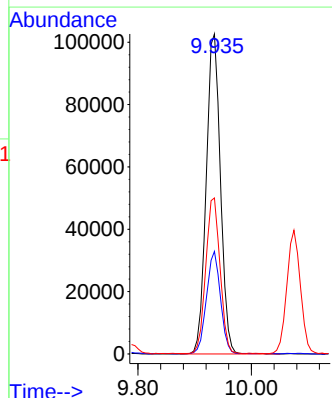
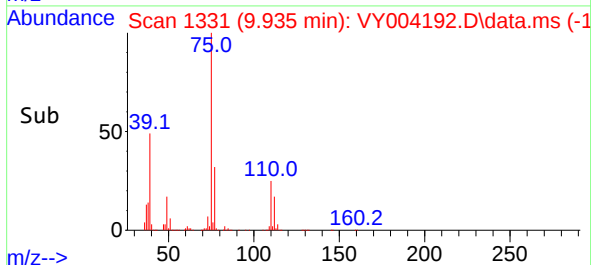
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3/25/2021 4:57:31 PM

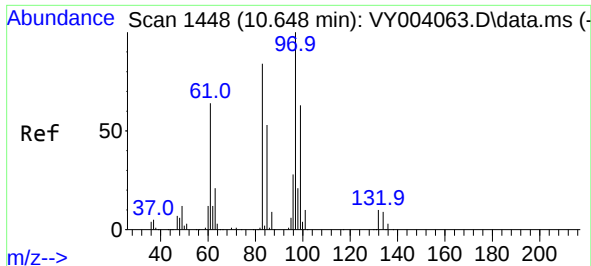


#54  
cis-1,3-Dichloropropene  
Concen: 51.90 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



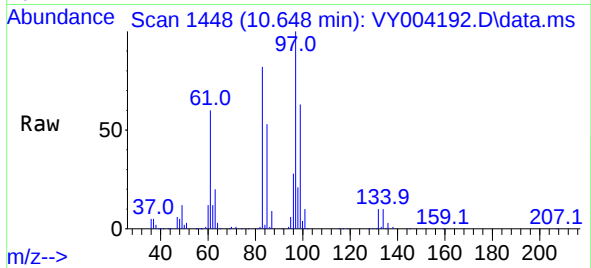
Tgt Ion: 75 Resp: 178766  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.2 36.4  
39 48.6 40.4 60.6





#55  
1,1,2-Trichloroethane  
Concen: 55.64 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

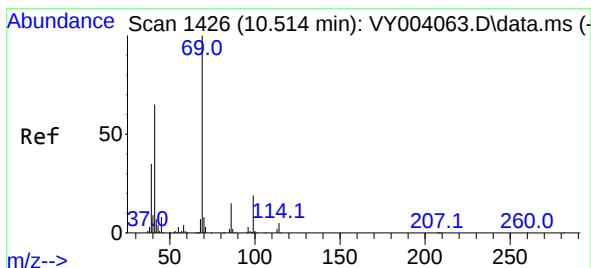
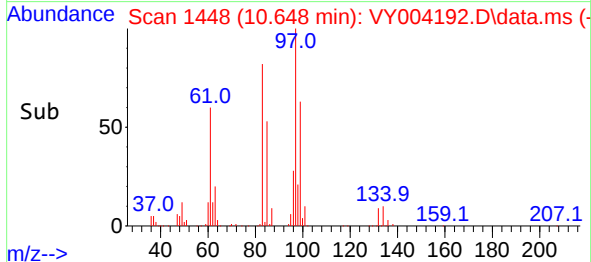
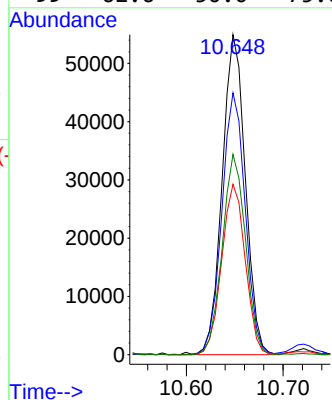
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



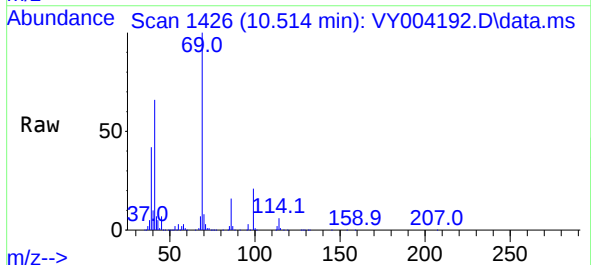
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 91336 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.8  | 69.4  | 104.0 |
| 85       | 53.2  | 43.4  | 65.0  |
| 99       | 62.6  | 50.0  | 75.0  |

Manual Integrations  
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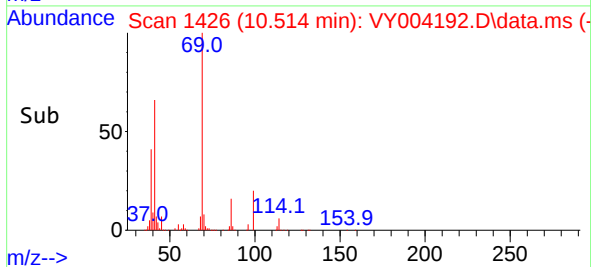
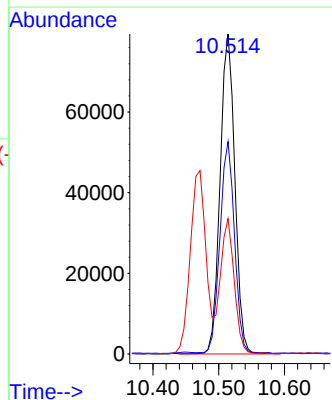
MMDadoda  
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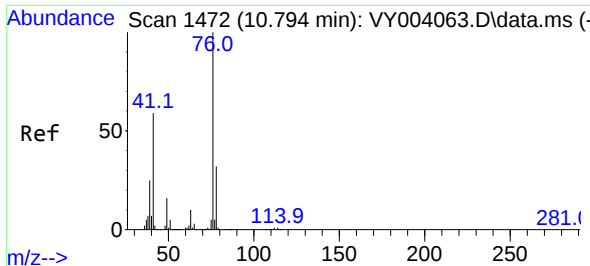


#56  
Ethyl methacrylate  
Concen: 54.08 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 124076 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.1  | 57.2  | 85.8   |
| 39       | 39.7  | 27.8  | 41.6   |





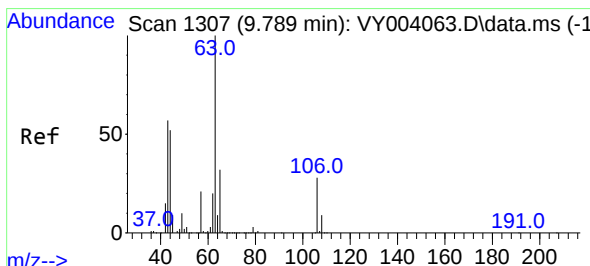
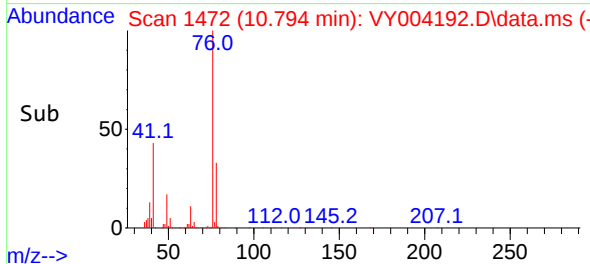
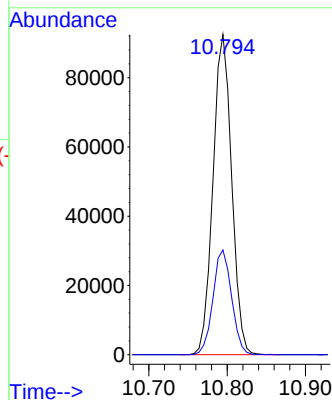
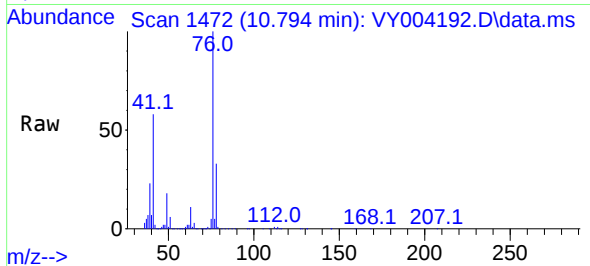
#57  
1,3-Dichloropropane  
Concen: 54.44 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 76 Resp: 153022  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.5 38.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

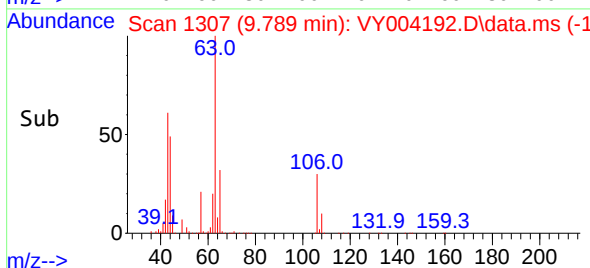
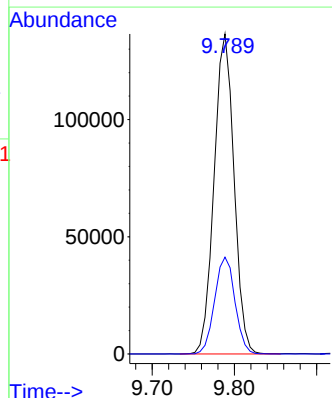
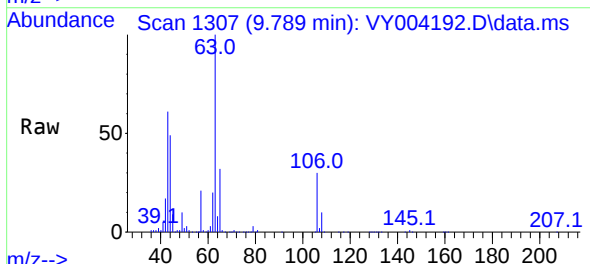
Manual Integrations  
APPROVED

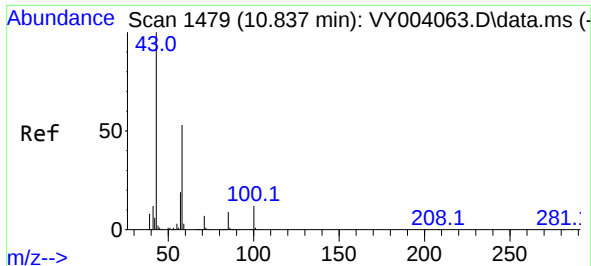
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#58  
2-Chloroethyl Vinyl ether  
Concen: 256.48 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 63 Resp: 229873  
Ion Ratio Lower Upper  
63 100  
106 30.8 22.1 33.1





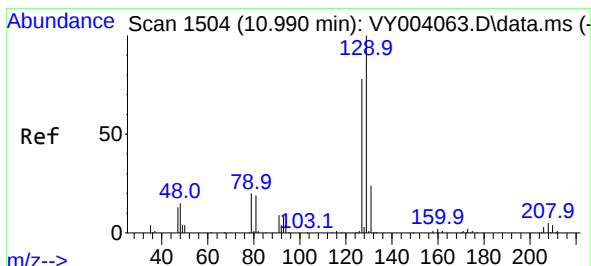
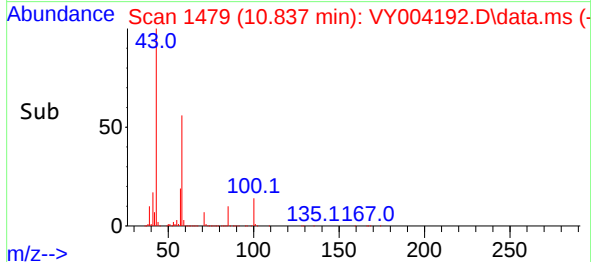
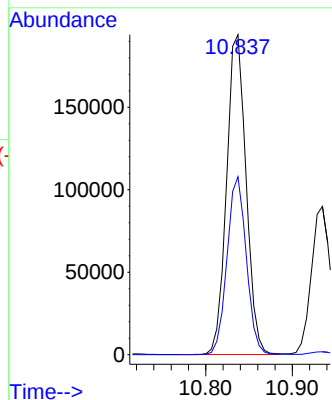
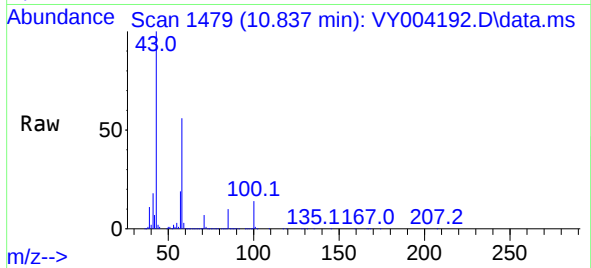
#59  
2-Hexanone  
Concen: 272.02 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 43 Resp: 303683  
Ion Ratio Lower Upper  
43 100  
58 55.0 26.5 79.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

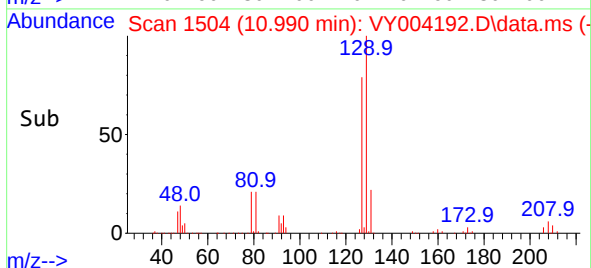
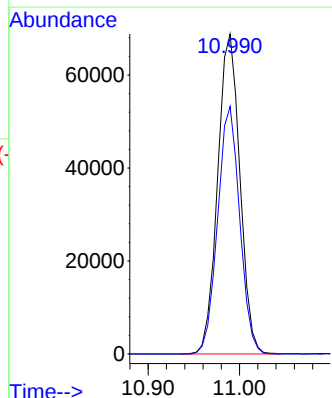
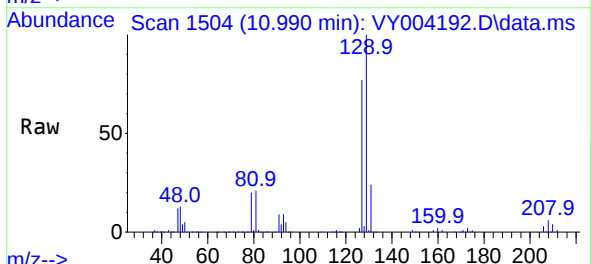
Manual Integrations  
APPROVED

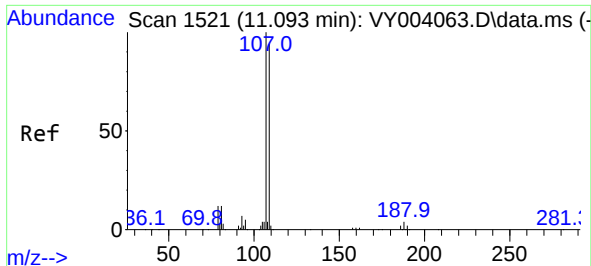
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#60  
Dibromochloromethane  
Concen: 56.46 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

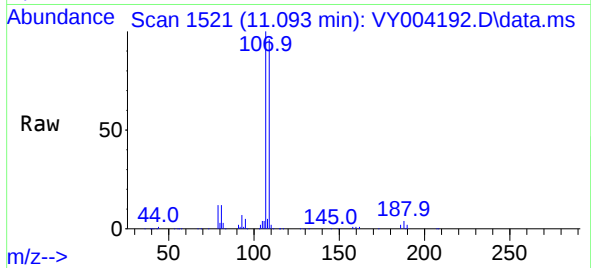
Tgt Ion: 129 Resp: 116343  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.0 117.0





#61  
1,2-Dibromoethane  
Concen: 54.56 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

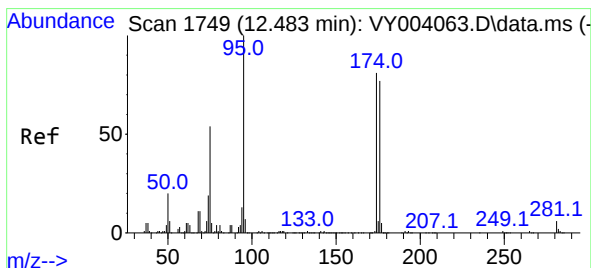
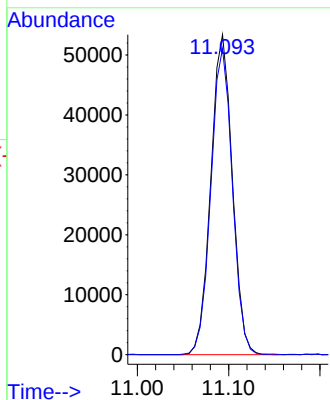
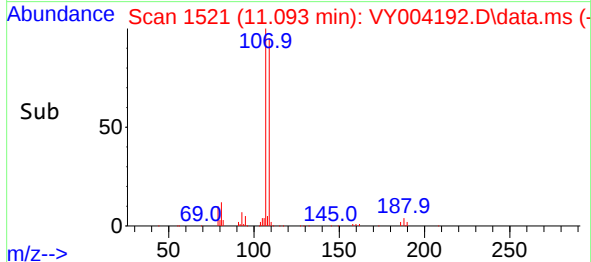
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



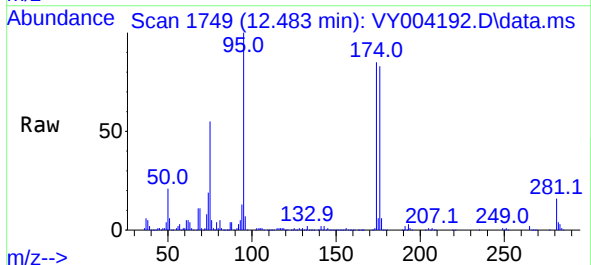
Tgt Ion:107 Resp: 87214  
Ion Ratio Lower Upper  
107 100  
109 95.5 76.7 115.1

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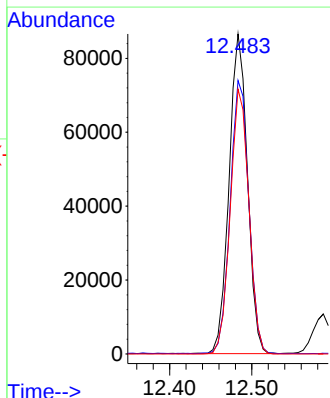
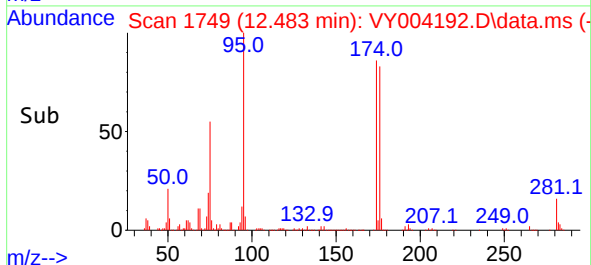
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#62  
4-Bromofluorobenzene  
Concen: 49.89 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion: 95 Resp: 134598  
Ion Ratio Lower Upper  
95 100  
174 86.4 0.0 179.0  
176 83.7 0.0 174.4





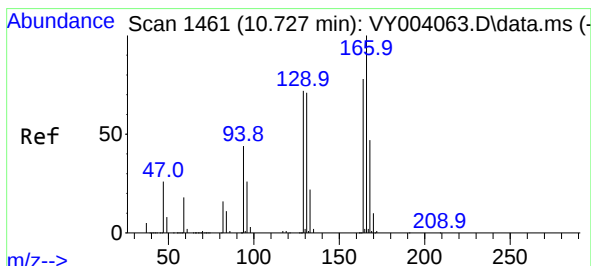
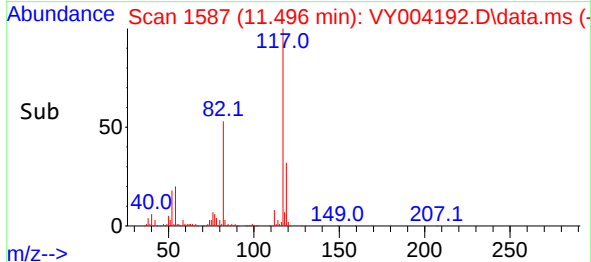
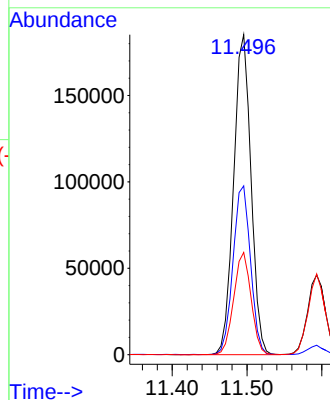
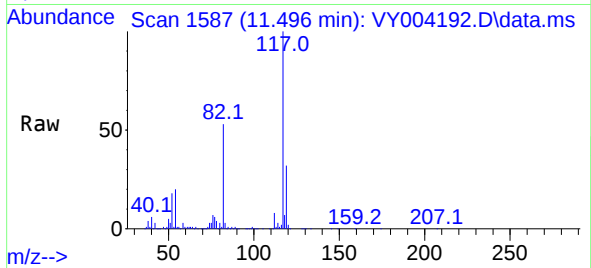
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:117 Resp: 298683  
Ion Ratio Lower Upper  
117 100  
82 52.7 43.8 65.6  
119 32.0 26.2 39.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

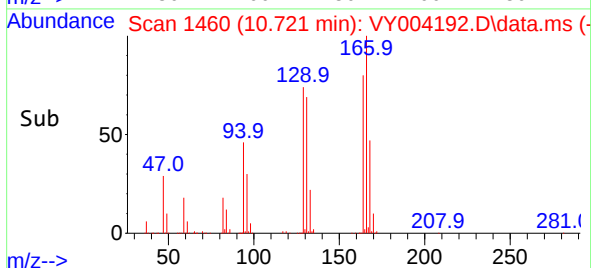
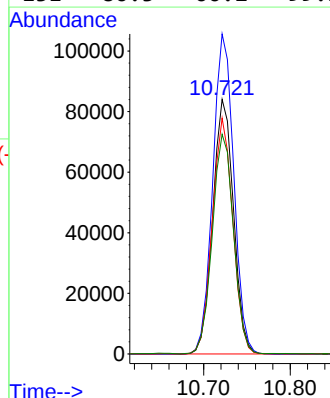
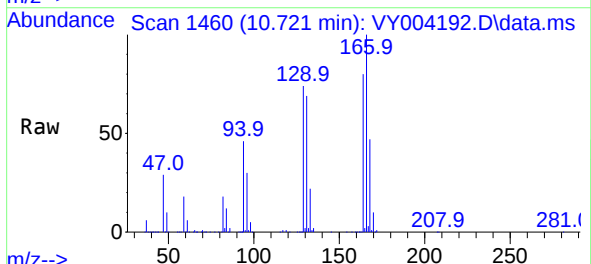
Manual Integrations  
APPROVED

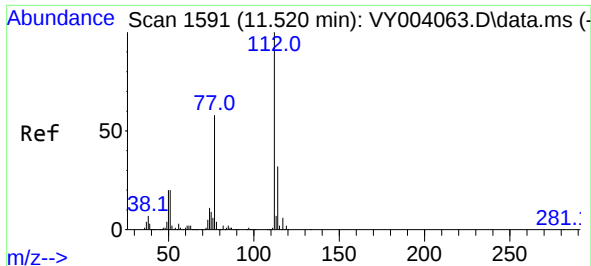
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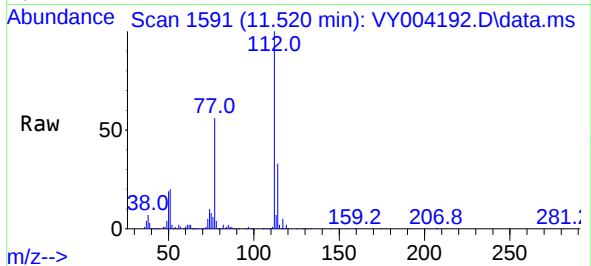
#64  
Tetrachloroethene  
Concen: 56.15 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:164 Resp: 140395  
Ion Ratio Lower Upper  
164 100  
166 125.7 102.7 154.1  
129 92.7 70.6 105.8  
131 86.3 66.2 99.2

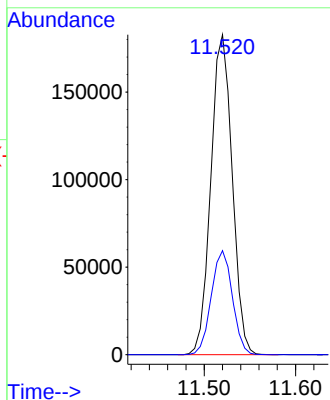
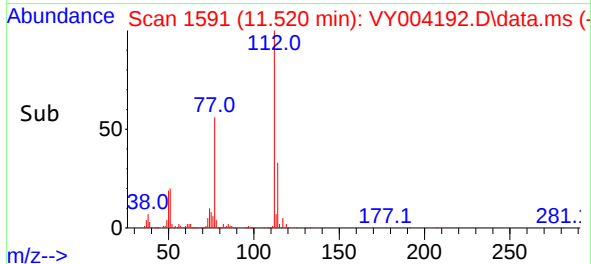




#65  
Chlorobenzene  
Concen: 51.94 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



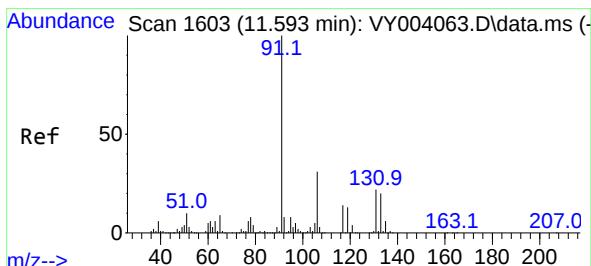
Tgt Ion:112 Resp: 297315  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.5 39.7



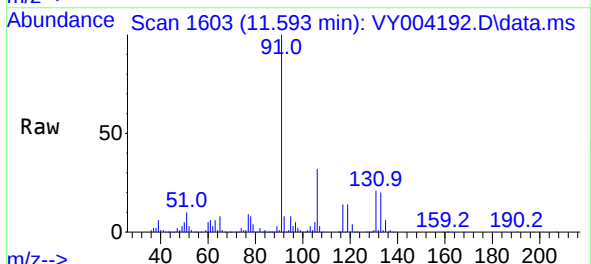
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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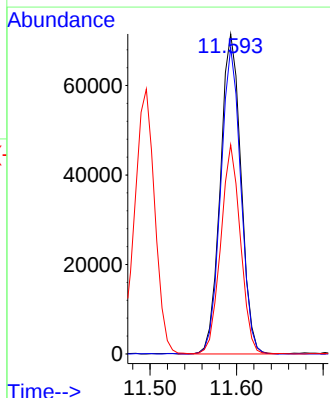
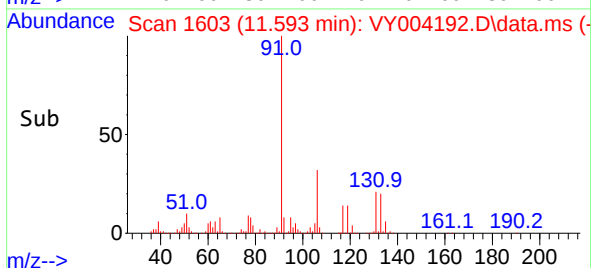
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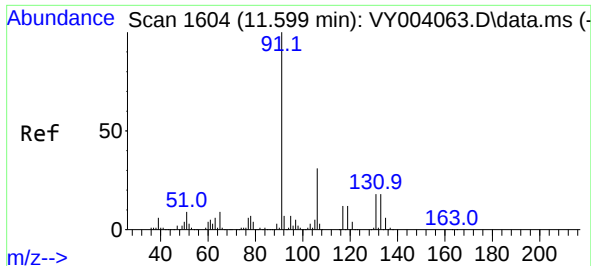


#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.15 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion:131 Resp: 118086  
Ion Ratio Lower Upper  
131 100  
133 93.1 48.1 144.3  
119 62.5 31.5 94.5





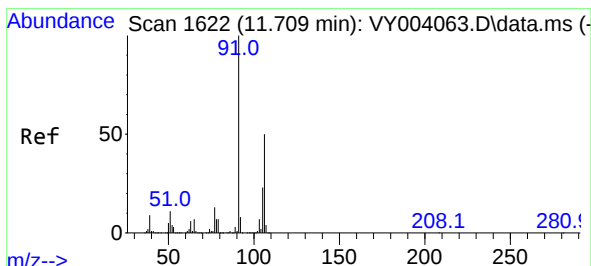
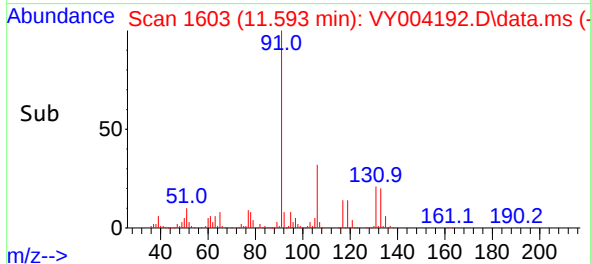
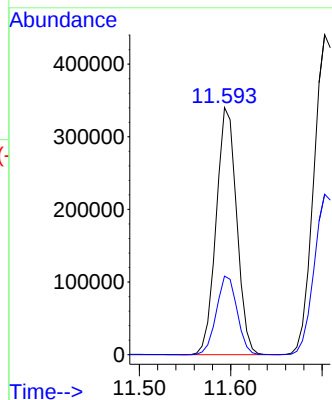
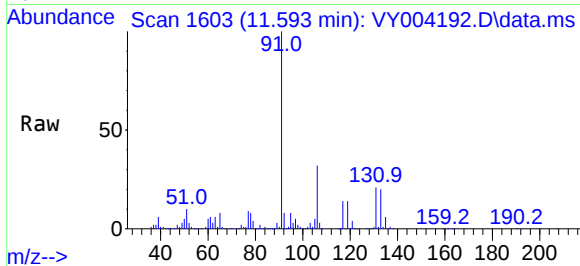
#67  
Ethyl Benzene  
Concen: 50.50 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 91 Resp: 530743  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

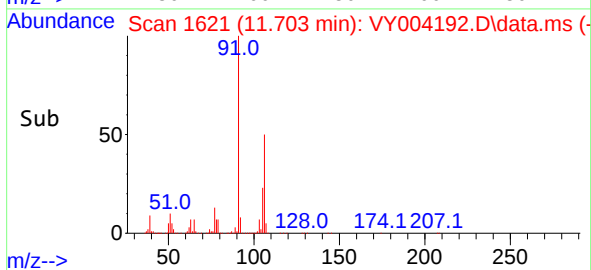
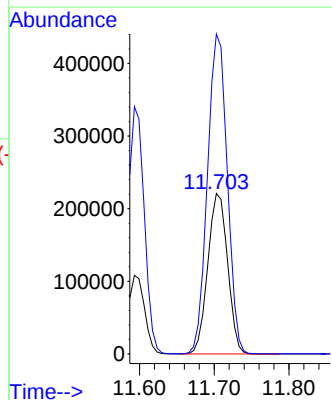
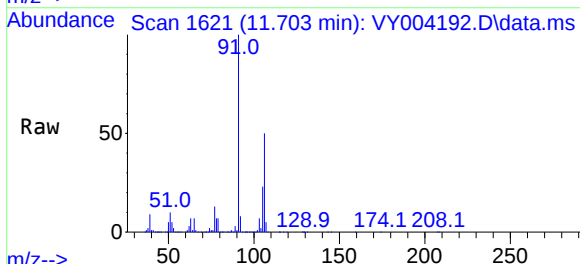
Manual Integrations  
APPROVED

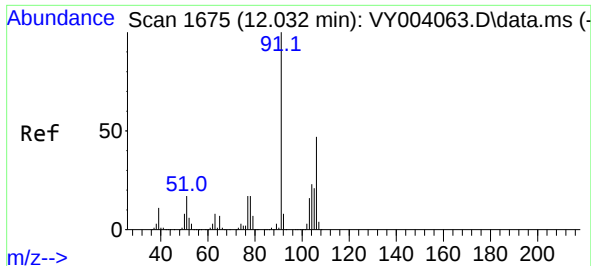
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3/25/2021 4:57:31 PM



#68  
m/p-Xylenes  
Concen: 101.38 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:106 Resp: 406289  
Ion Ratio Lower Upper  
106 100  
91 199.3 165.4 248.0





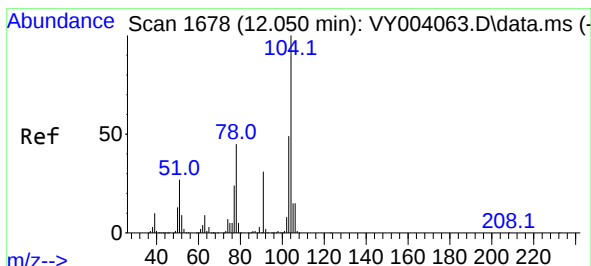
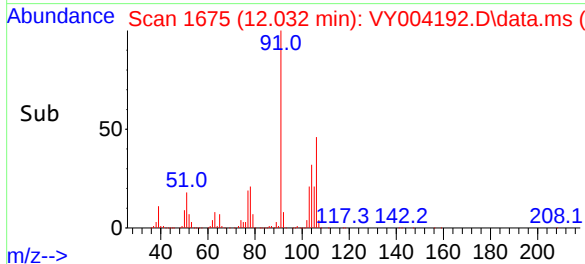
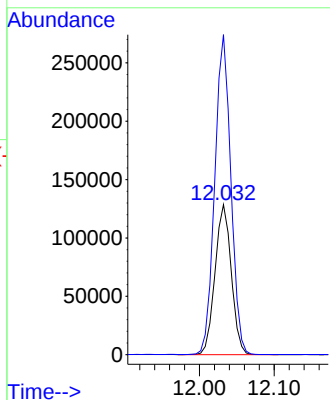
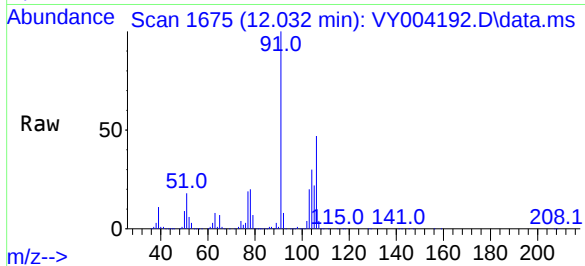
#69  
o-Xylene  
Concen: 51.40 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:106 Resp: 194728  
Ion Ratio Lower Upper  
106 100  
91 210.7 108.9 326.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

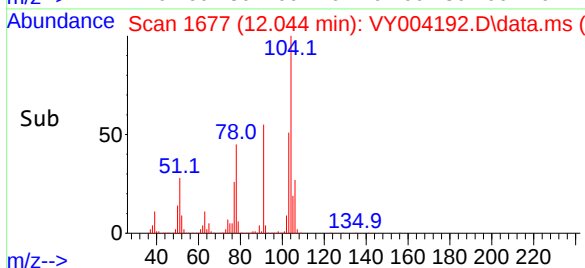
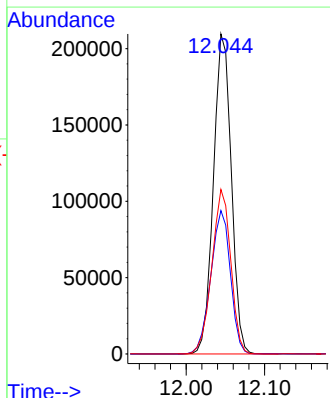
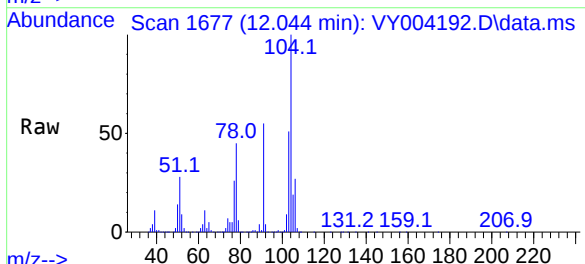
Manual Integrations  
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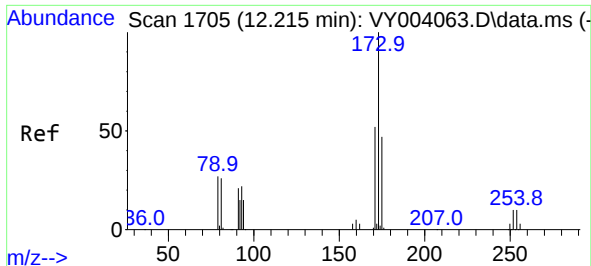
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#70  
Styrene  
Concen: 51.28 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:104 Resp: 332704  
Ion Ratio Lower Upper  
104 100  
78 49.1 41.1 61.7  
103 54.4 43.9 65.9





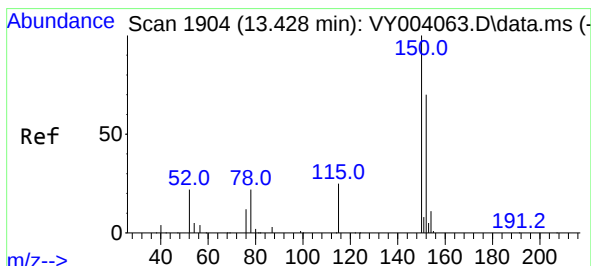
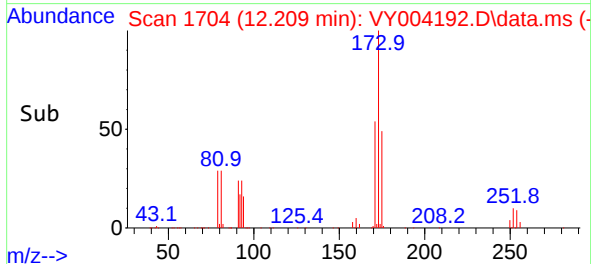
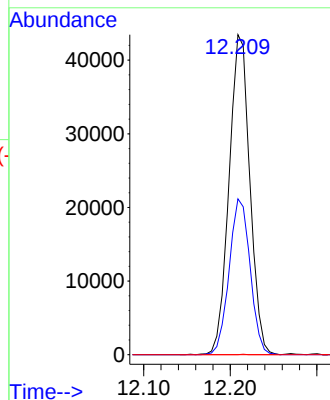
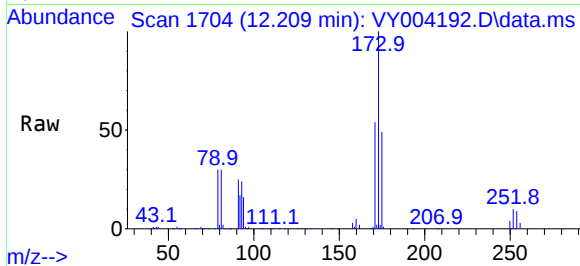
#71  
Bromoform  
Concen: 56.54 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:173 Resp: 72435  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.1 72.4  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

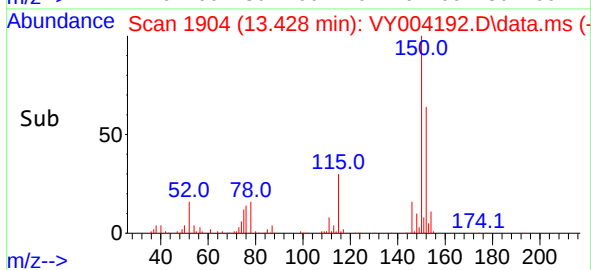
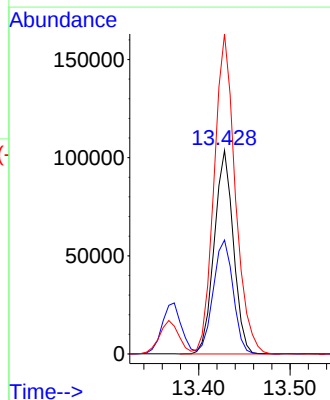
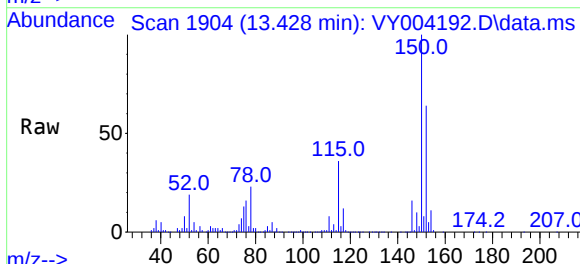
Manual Integrations  
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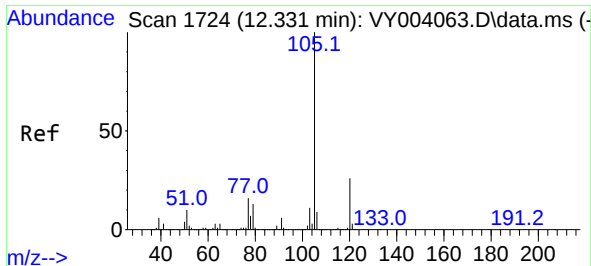
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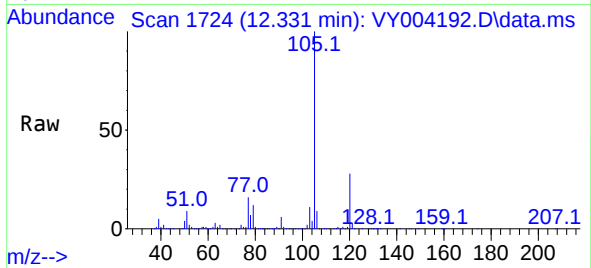
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion:152 Resp: 150862  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.2 84.6  
150 173.9 0.0 347.2

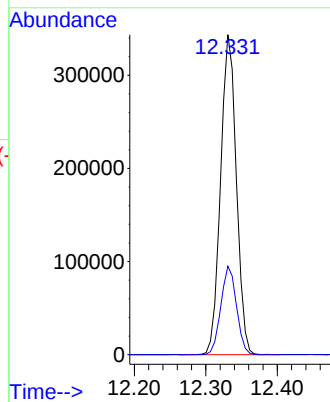
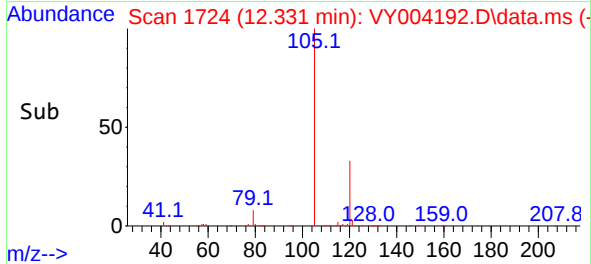




#73  
Isopropylbenzene  
Concen: 50.08 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



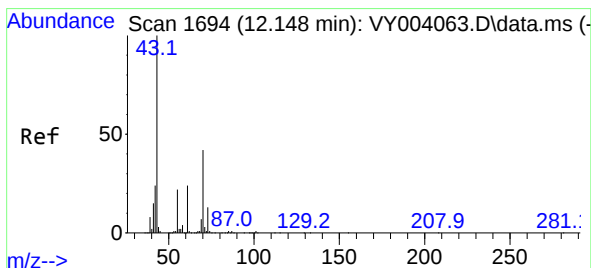
Tgt Ion:105 Resp: 525051  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.3 39.9



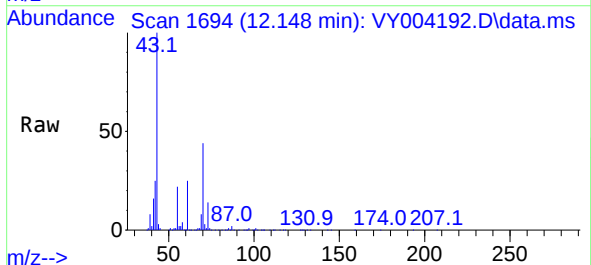
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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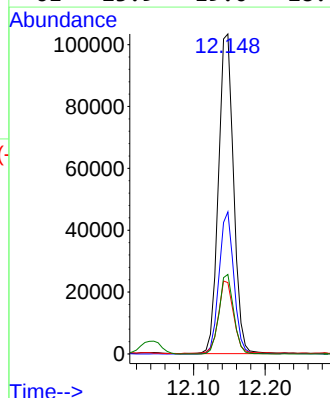
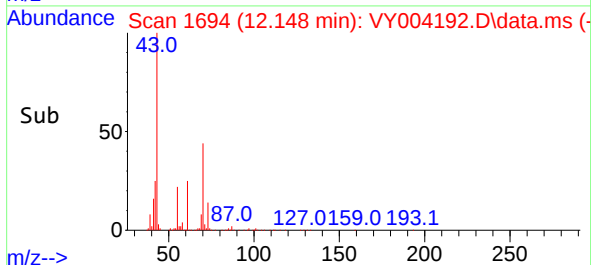
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3/25/2021 4:57:31 PM

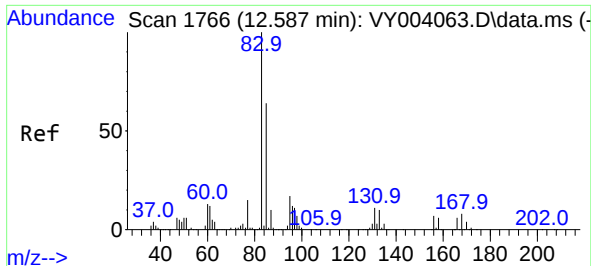


#74  
N-ethyl acetate  
Concen: 50.62 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion: 43 Resp: 152010  
Ion Ratio Lower Upper  
43 100  
70 43.5 32.3 48.5  
55 22.9 18.4 27.6  
61 23.9 19.0 28.4





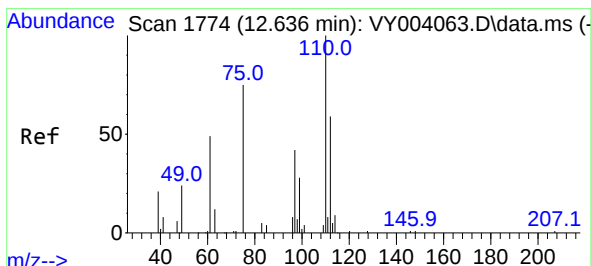
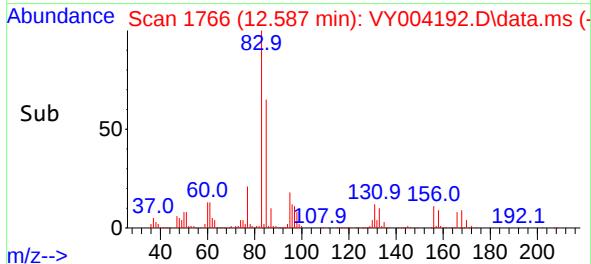
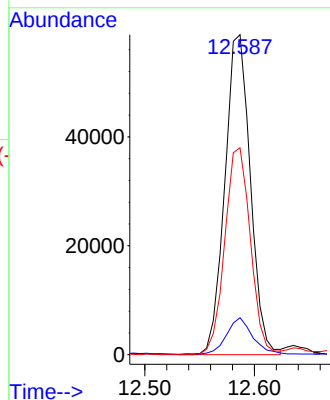
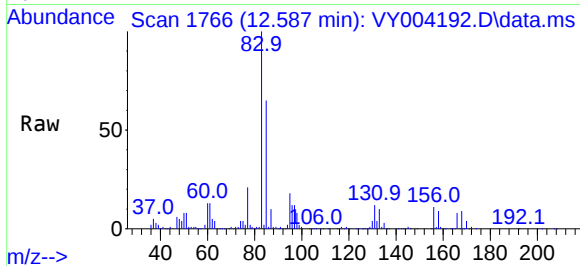
#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.22 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 83 Resp: 95110  
Ion Ratio Lower Upper  
83 100  
131 12.0 5.5 16.4  
85 65.0 31.6 95.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

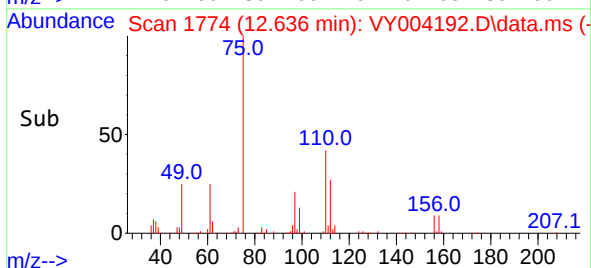
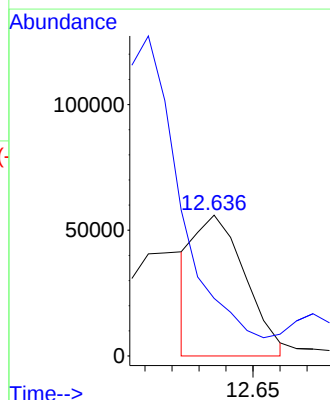
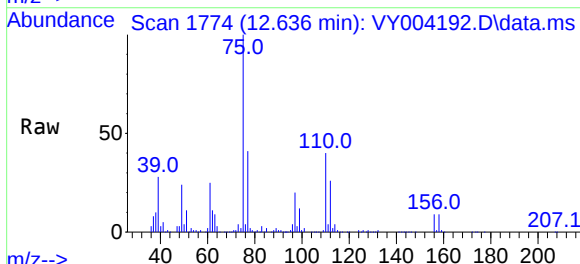
Manual Integrations  
APPROVED

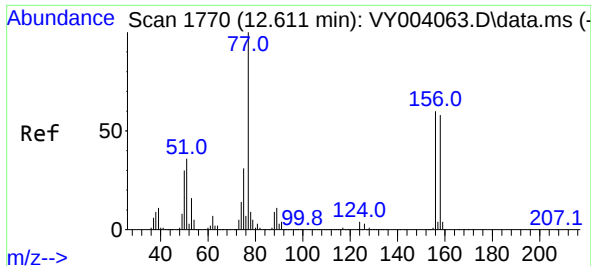
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#76  
1,2,3-Trichloropropane  
Concen: 51.06 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

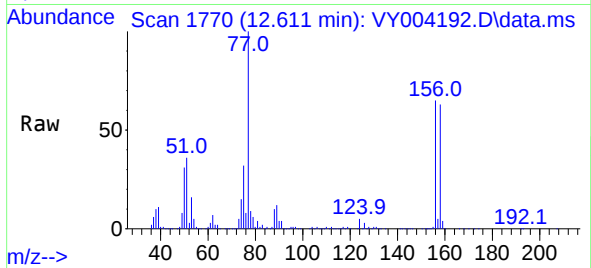
Tgt Ion: 75 Resp: 73867  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 53.36 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

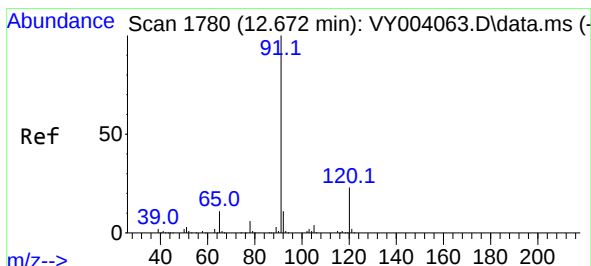
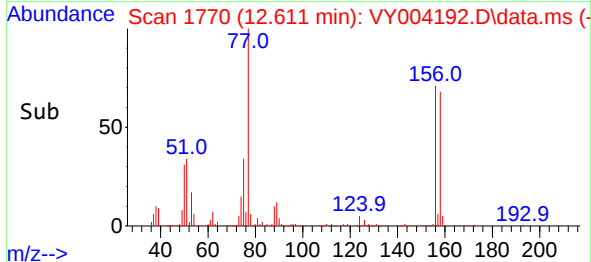
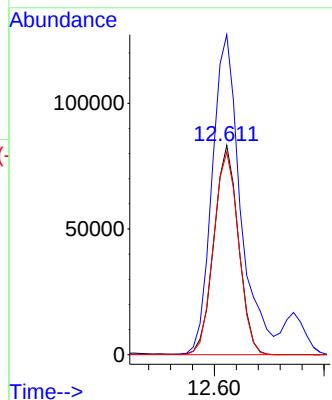
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



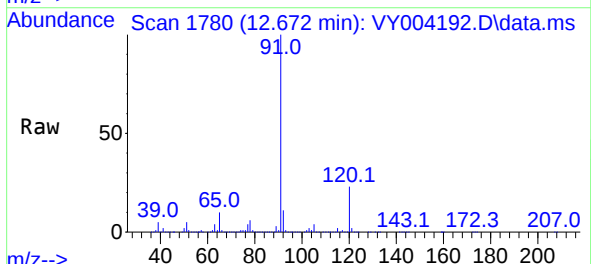
Tgt Ion:156 Resp: 129243  
Ion Ratio Lower Upper  
156 100  
77 176.2 90.5 271.3  
158 98.4 48.9 146.6

Manual Integrations  
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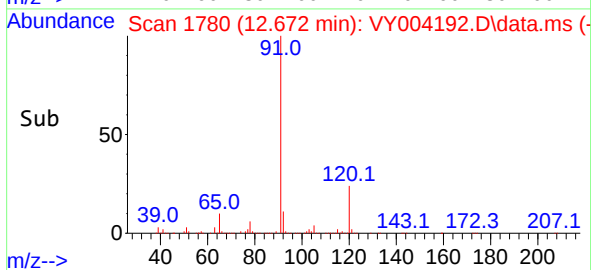
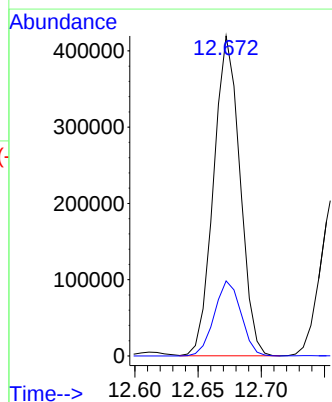
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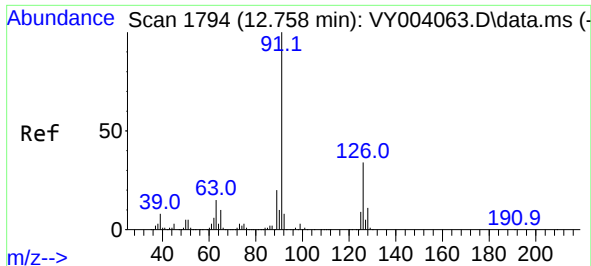


#78  
n-propylbenzene  
Concen: 49.15 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



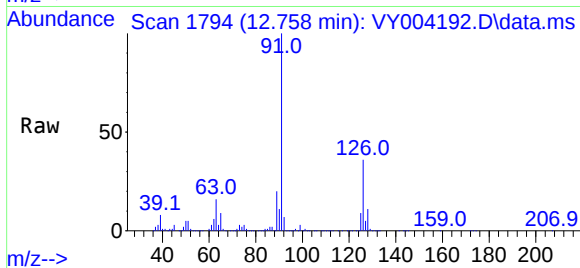
Tgt Ion: 91 Resp: 607100  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9





#79  
2-Chlorotoluene  
Concen: 49.47 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

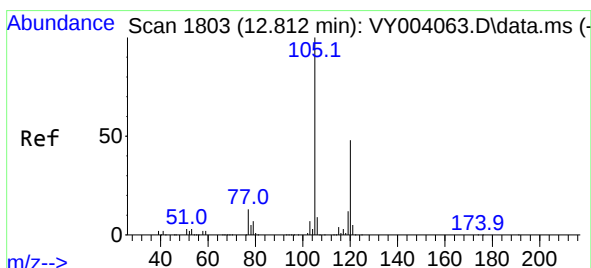
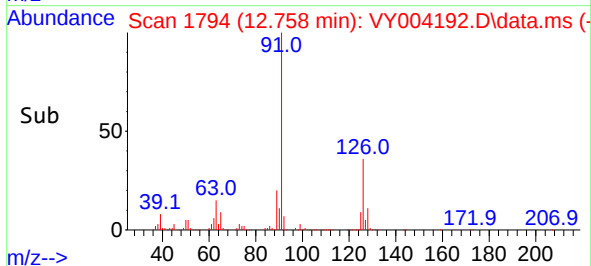
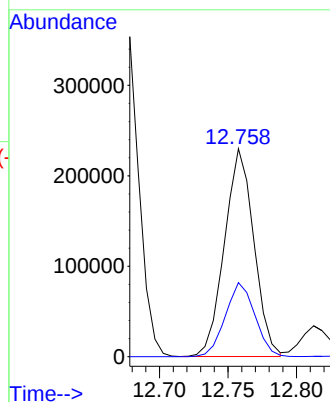
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 343070  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.0 51.0

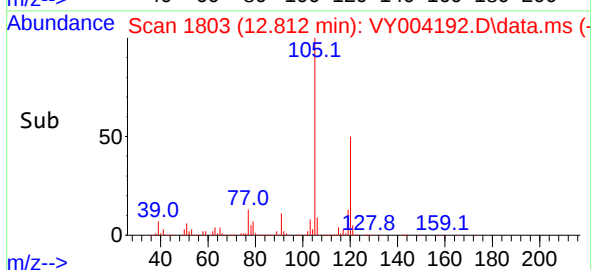
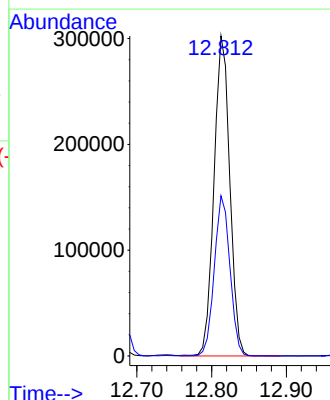
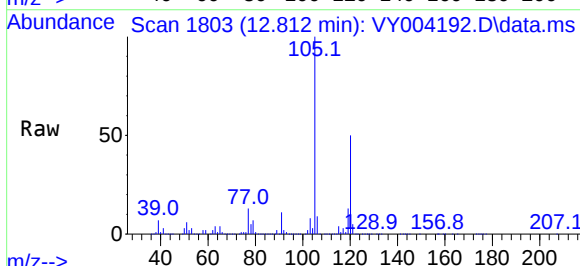
Manual Integrations  
APPROVED

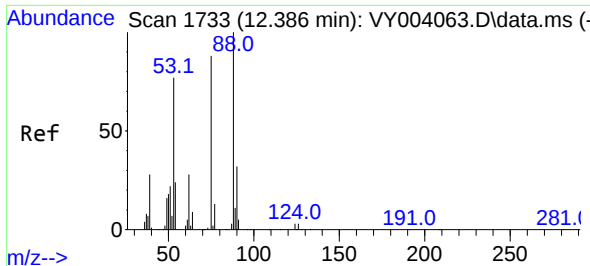
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#80  
1,3,5-Trimethylbenzene  
Concen: 50.06 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

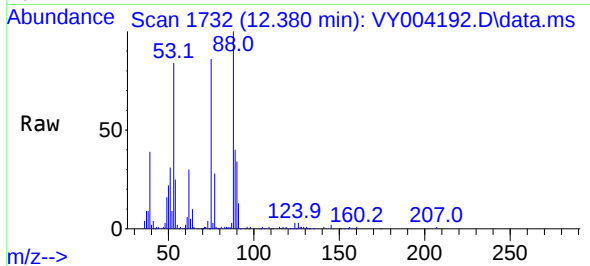
Tgt Ion: 105 Resp: 445177  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.55 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

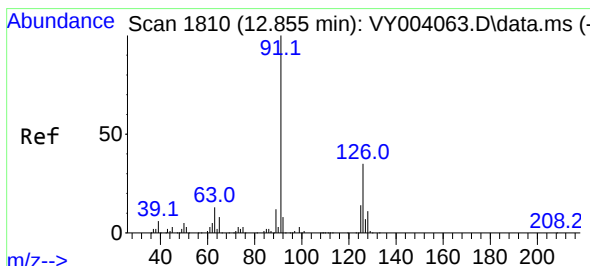
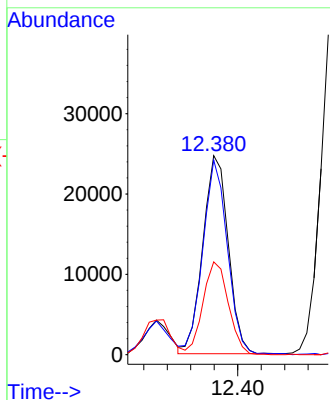
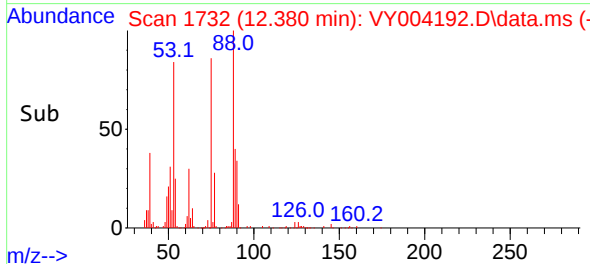
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ClientSampleId :  
VSTDCCC050EC



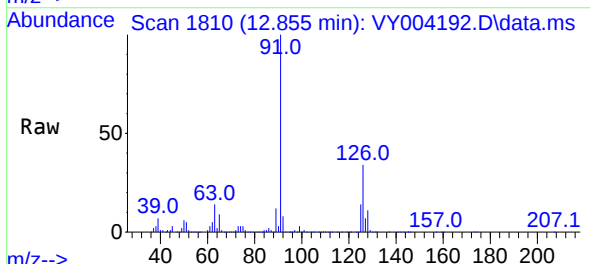
Tgt Ion: 75 Resp: 37047  
Ion Ratio Lower Upper  
75 100  
53 96.0 73.5 110.3  
89 46.8 35.7 53.5

Manual Integrations  
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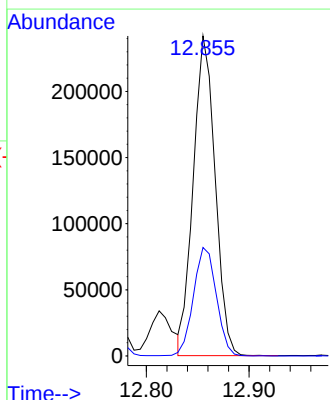
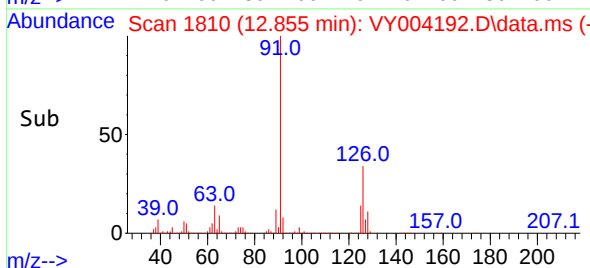
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#82  
4-Chlorotoluene  
Concen: 48.73 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



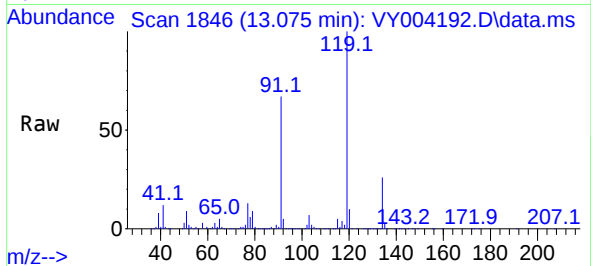
Tgt Ion: 91 Resp: 357672  
Ion Ratio Lower Upper  
91 100  
126 35.7 16.8 50.4





#83  
tert-Butylbenzene  
Concen: 50.98 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

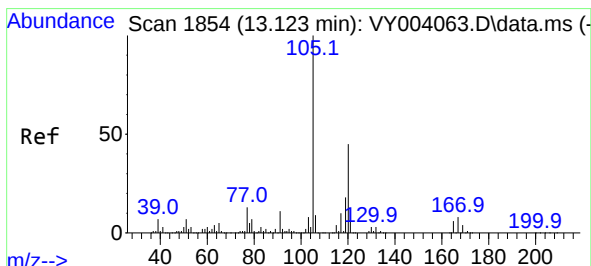
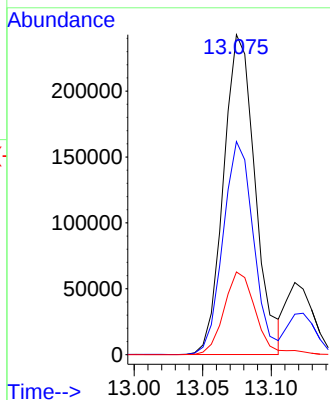
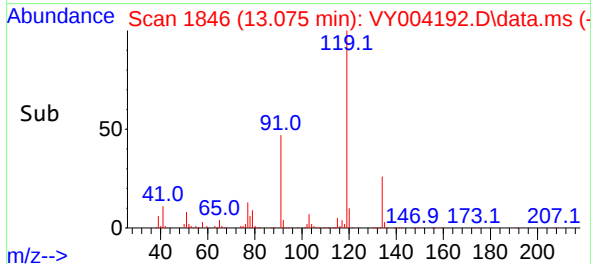
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



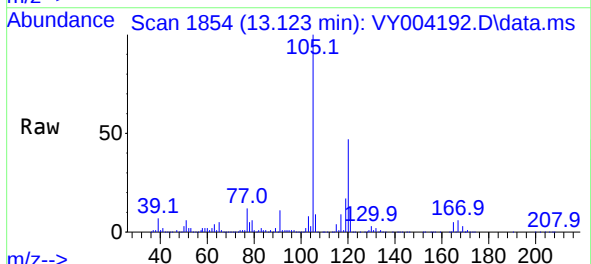
Tgt Ion:119 Resp: 390084  
Ion Ratio Lower Upper  
119 100  
91 64.4 33.0 99.0  
134 26.0 12.9 38.7

Manual Integrations  
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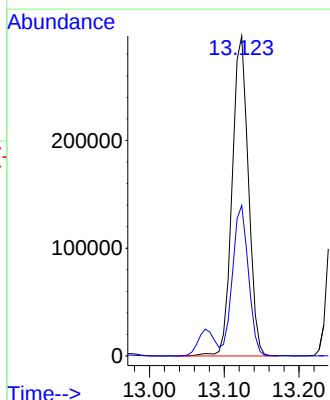
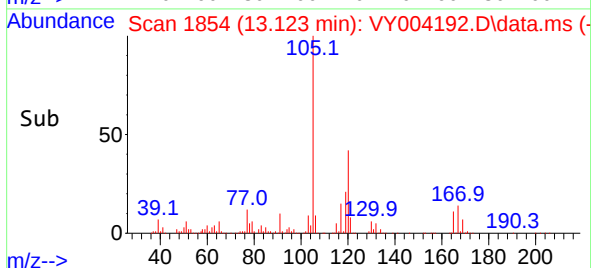
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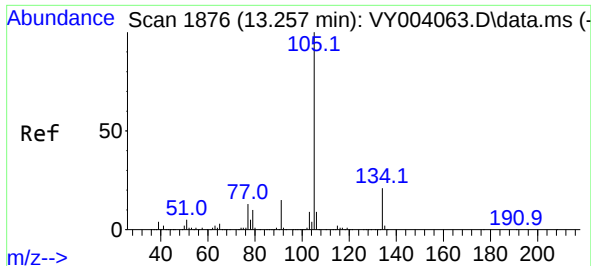


#84  
1,2,4-Trimethylbenzene  
Concen: 50.19 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



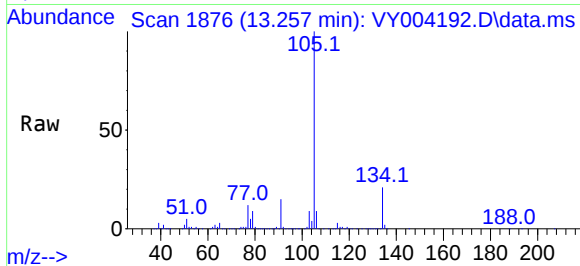
Tgt Ion:105 Resp: 447010  
Ion Ratio Lower Upper  
105 100  
120 46.4 22.1 66.3





#85  
 sec-Butylbenzene  
 Concen: 49.69 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004192.D  
 Acq: 24 Mar 2021 17:54

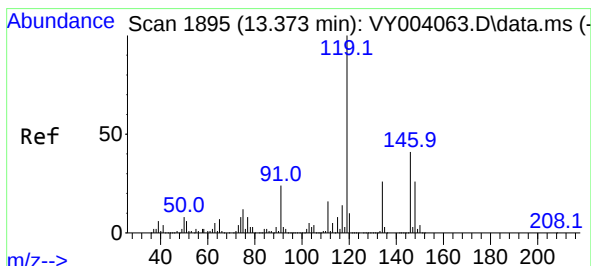
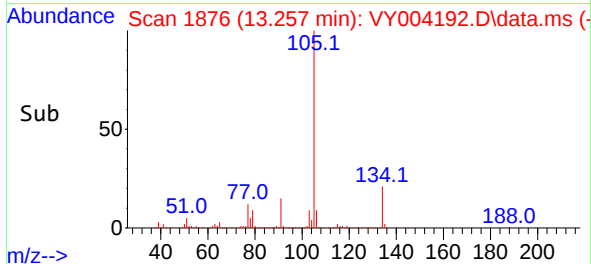
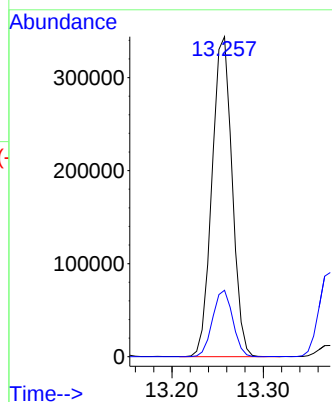
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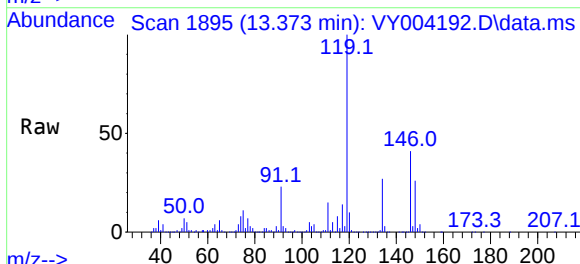
Tgt Ion:105 Resp: 524297  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.2 30.4

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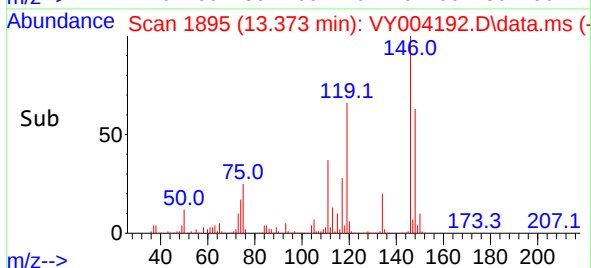
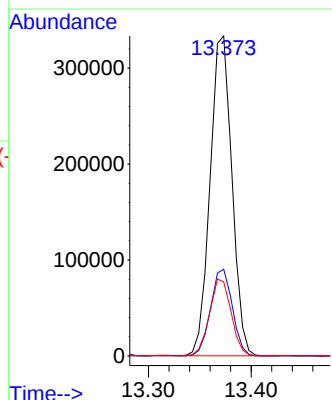
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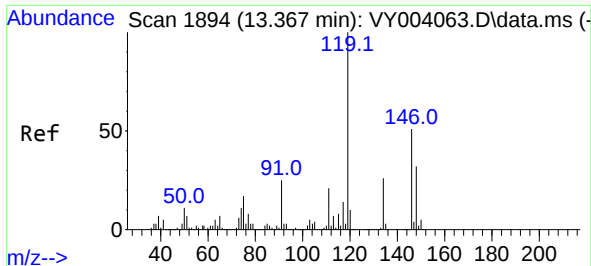


#86  
 p-Isopropyltoluene  
 Concen: 50.26 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004192.D  
 Acq: 24 Mar 2021 17:54

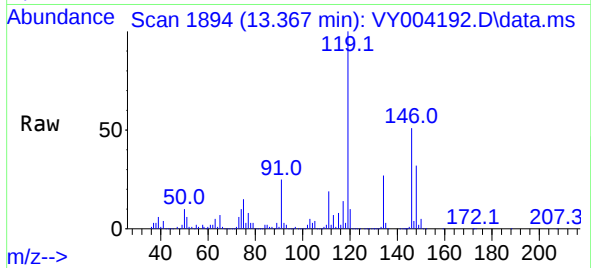


Tgt Ion:119 Resp: 491612  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.2 39.5  
 91 23.7 12.1 36.3

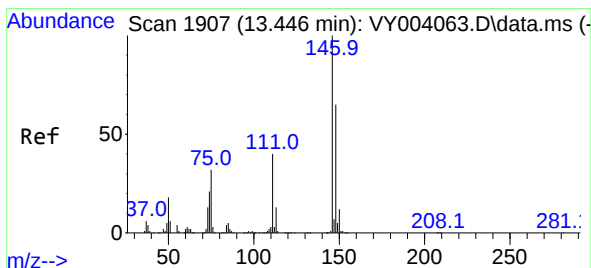
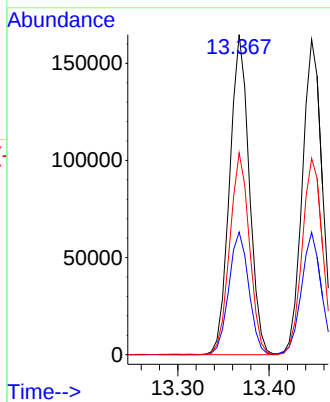
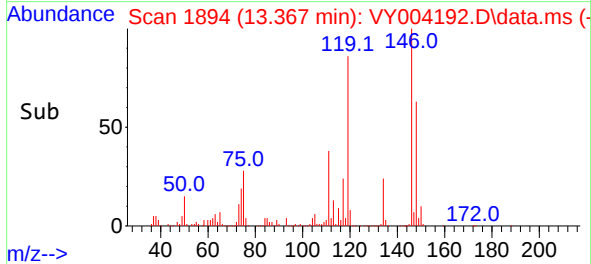




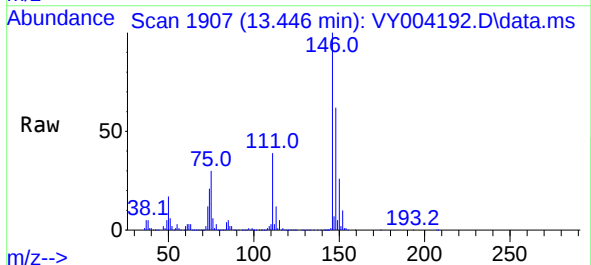
#87  
1,3-Dichlorobenzene  
Concen: 52.43 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



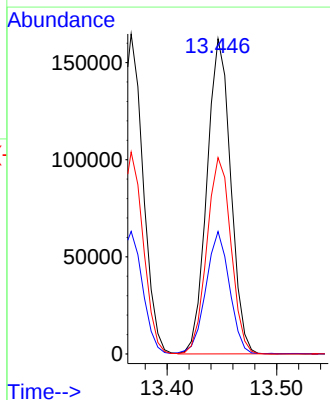
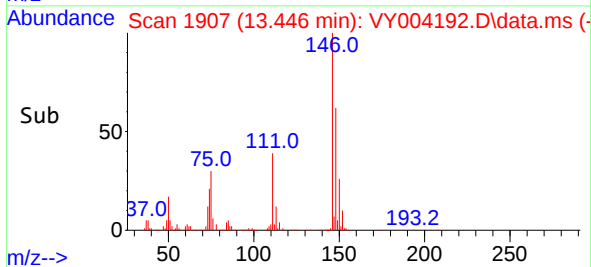
Tgt Ion:146 Resp: 245159  
Ion Ratio Lower Upper  
146 100  
111 39.0 18.9 56.7  
148 63.3 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 52.38 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



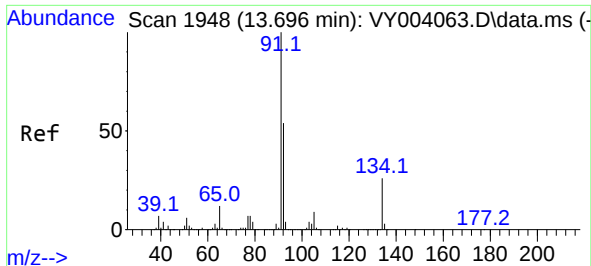
Tgt Ion:146 Resp: 244461  
Ion Ratio Lower Upper  
146 100  
111 38.5 18.6 55.8  
148 63.5 31.8 95.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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3/25/2021 4:57:31 PM



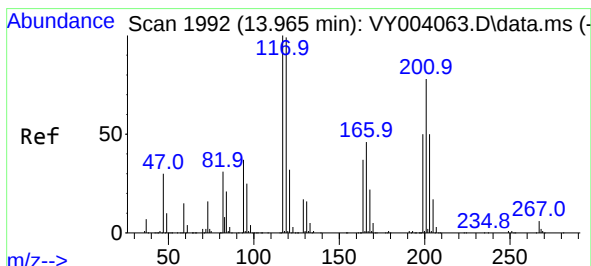
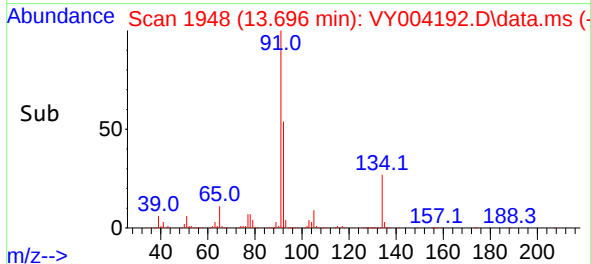
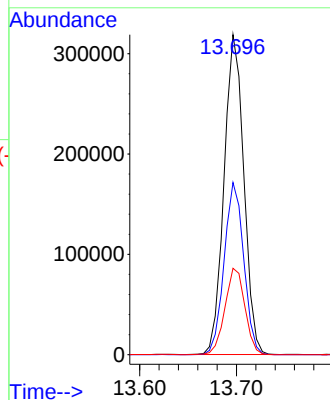
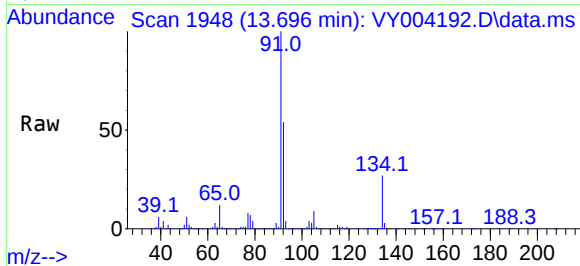
#89  
n-Butylbenzene  
Concen: 48.60 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 452382 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.3  | 26.5  | 79.4   |
| 134      | 27.3  | 13.2  | 39.5   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

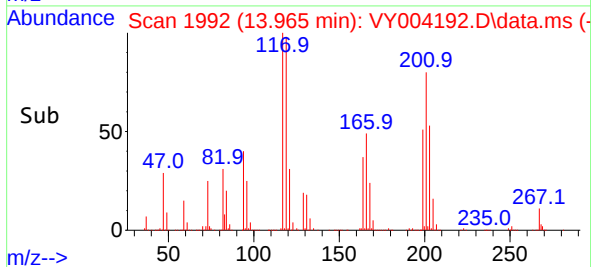
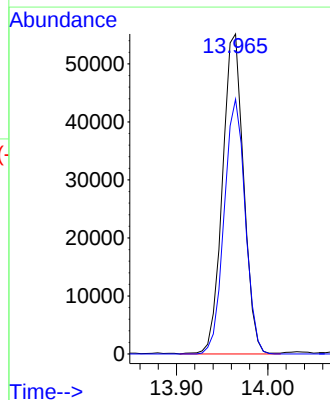
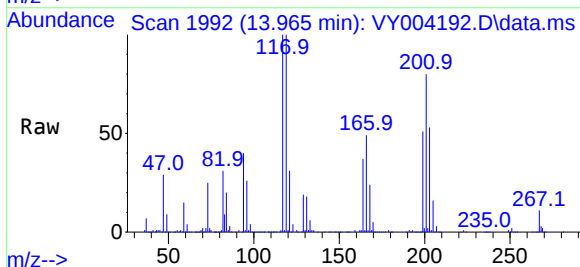
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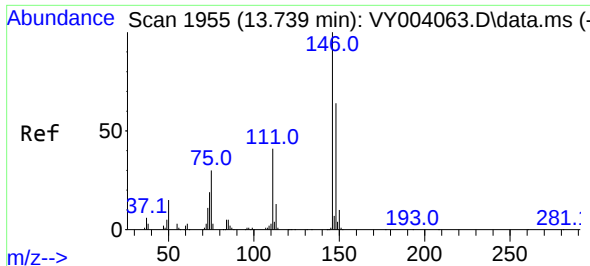
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3/25/2021 4:57:31 PM



#90  
Hexachloroethane  
Concen: 50.64 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 89016 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 78.8  | 46.0  | 138.0 |





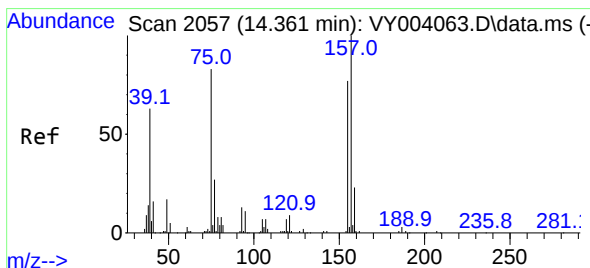
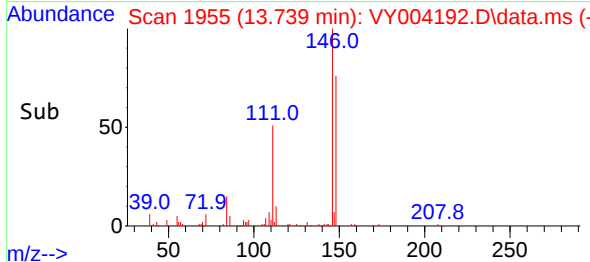
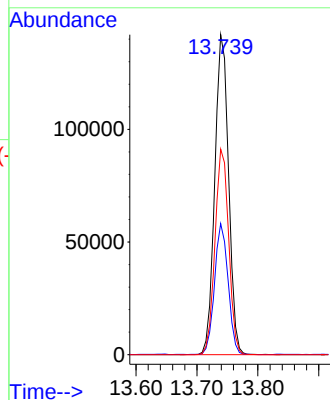
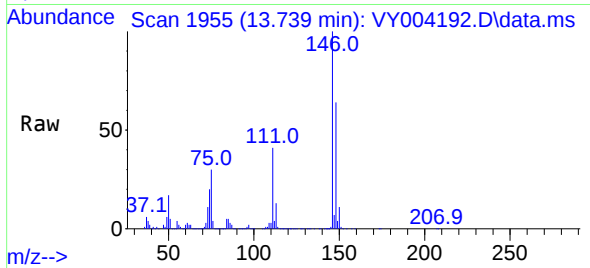
#91  
1,2-Dichlorobenzene  
Concen: 53.89 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

Tgt Ion: 146 Resp: 223496  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.6 58.8  
148 63.8 31.9 95.7

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

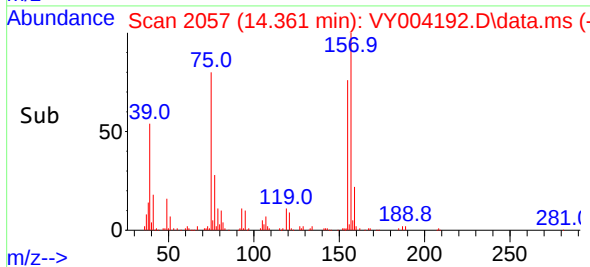
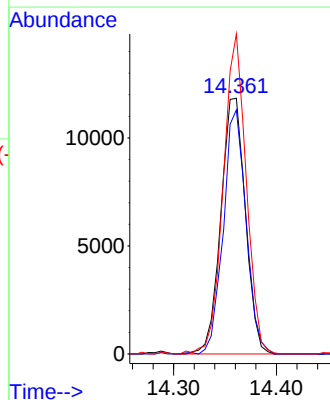
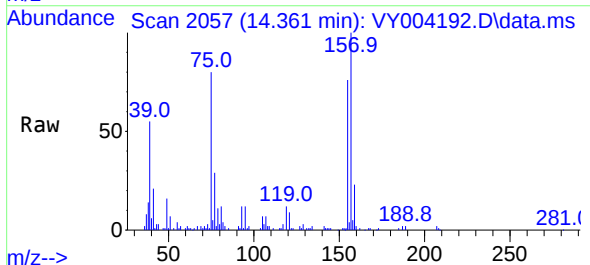
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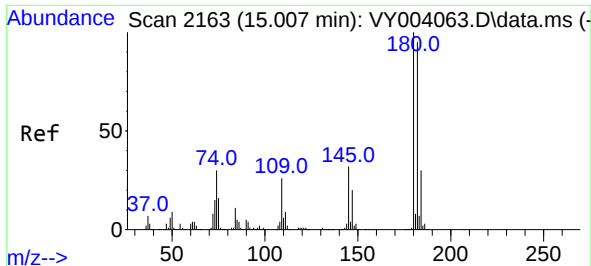
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3/25/2021 4:57:31 PM



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.81 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

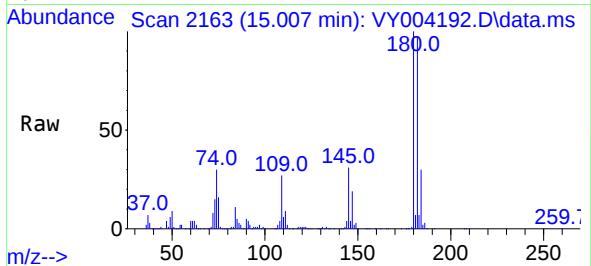
Tgt Ion: 75 Resp: 19550  
Ion Ratio Lower Upper  
75 100  
155 88.9 42.8 128.4  
157 117.1 52.4 157.3





#93  
1,2,4-Trichlorobenzene  
Concen: 53.97 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

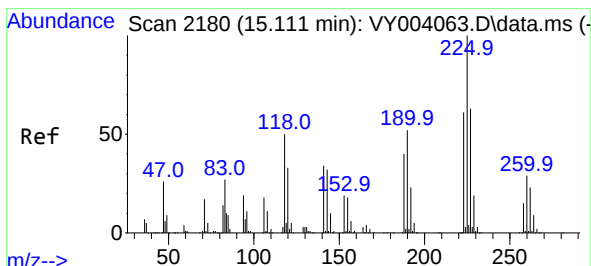
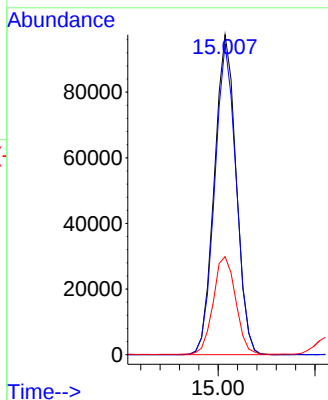
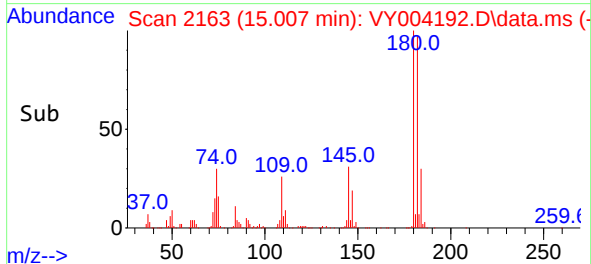
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



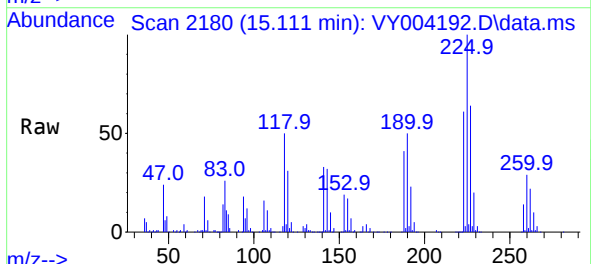
Tgt Ion:180 Resp: 151804  
Ion Ratio Lower Upper  
180 100  
182 95.9 48.0 144.0  
145 31.7 14.1 42.2

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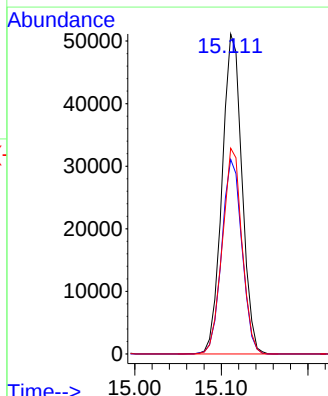
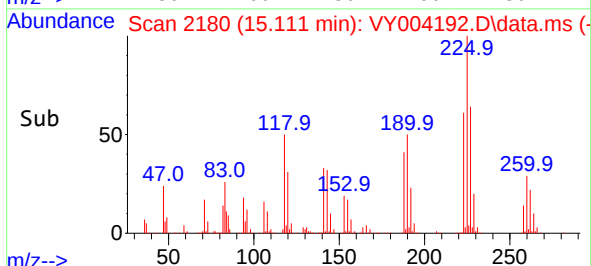
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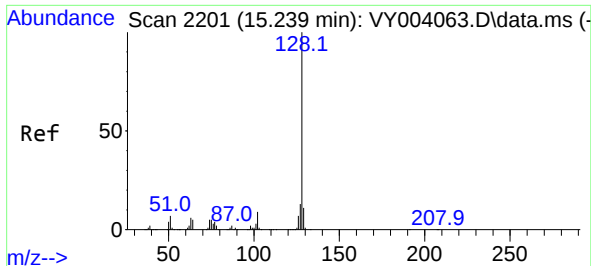


#94  
Hexachlorobutadiene  
Concen: 51.67 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54



Tgt Ion:225 Resp: 81479  
Ion Ratio Lower Upper  
225 100  
223 61.5 31.5 94.5  
227 63.4 32.1 96.3





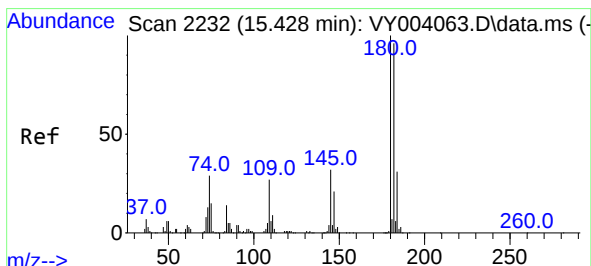
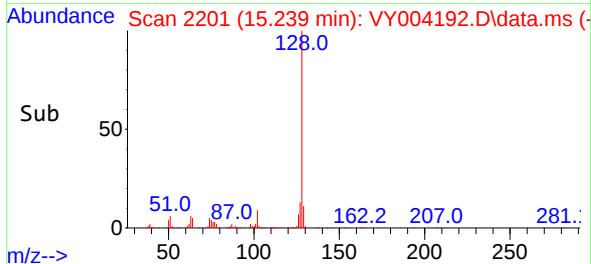
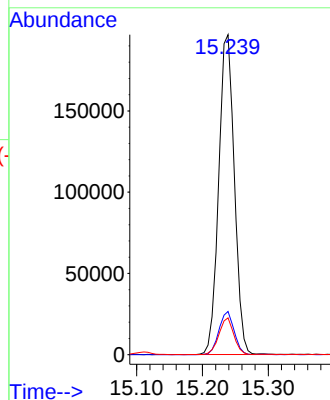
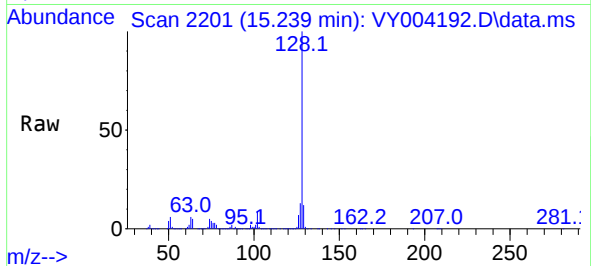
#95  
Naphthalene  
Concen: 58.54 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 326213 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.6  | 16.0   |
| 129       | 11.1  | 8.7   | 13.1   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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3/25/2021 4:57:31 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 55.99 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY004192.D  
Acq: 24 Mar 2021 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 132417 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 47.6  | 142.8  |
| 145       | 33.9  | 15.3  | 45.9   |

