

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041921\  
 Data File : VY004486.D  
 Acq On : 19 Apr 2021 09:57  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/20/2021 9:45:21 AM

Quant Time: Apr 20 01:44:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|-------|----------|
| -----                        |                |      |                    |        |       |          |
| Internal Standards           |                |      |                    |        |       |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 158041             | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 251540             | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 225144             | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 107408             | 50.00  | ug/l  | 0.00     |
|                              |                |      |                    |        |       |          |
| System Monitoring Compounds  |                |      |                    |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 94530              | 53.83  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 107.66% |        |       |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 75651              | 54.19  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 108.38% |        |       |          |
| 50) Toluene-d8               | 10.185         | 98   | 330995             | 55.74  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 111.48% |        |       |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 109384             | 54.29  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 108.58% |        |       |          |
|                              |                |      |                    |        |       |          |
| Target Compounds             |                |      |                    |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 76641              | 52.34  | ug/l  | 99       |
| 3) Chloromethane             | 2.119          | 50   | 110408             | 52.14  | ug/l  | 98       |
| 4) Vinyl Chloride            | 2.259          | 62   | 128011             | 57.25  | ug/l  | 99       |
| 5) Bromomethane              | 2.656          | 94   | 57076              | 52.31  | ug/l  | 96       |
| 6) Chloroethane              | 2.802          | 64   | 70713              | 52.74  | ug/l  | 96       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 142421             | 50.92  | ug/l  | 98       |
| 8) Diethyl Ether             | 3.540          | 74   | 49205              | 52.06  | ug/l  | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 82020              | 52.87  | ug/l  | 99       |
| 10) Methyl Iodide            | 4.101          | 142  | 88598              | 47.72  | ug/l  | 99       |
| 11) Tert butyl alcohol       | 4.978          | 59   | 44298              | 255.98 | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 79583              | 51.88  | ug/l  | 94       |
| 13) Acrolein                 | 3.741          | 56   | 60663              | 315.34 | ug/l  | 99       |
| 14) Allyl chloride           | 4.491          | 41   | 156588             | 53.37  | ug/l  | 97       |
| 15) Acrylonitrile            | 5.180          | 53   | 137579             | 271.29 | ug/l  | 98       |
| 16) Acetone                  | 3.960          | 43   | 83965              | 223.23 | ug/l  | 97       |
| 17) Carbon Disulfide         | 4.204          | 76   | 244485             | 51.76  | ug/l  | 100      |
| 18) Methyl Acetate           | 4.485          | 43   | 65454              | 53.52  | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 5.234          | 73   | 239585             | 51.98  | ug/l  | 100      |
| 20) Methylene Chloride       | 4.728          | 84   | 88452              | 52.15  | ug/l  | 99       |
| 21) trans-1,2-Dichloroethene | 5.228          | 96   | 90435              | 52.10  | ug/l  | 97       |
| 22) Diisopropyl ether        | 6.131          | 45   | 333630             | 53.79  | ug/l  | 99       |
| 23) Vinyl Acetate            | 6.070          | 43   | 1140257            | 270.08 | ug/l  | 98       |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 166566             | 52.57  | ug/l  | 100      |
| 25) 2-Butanone               | 7.002          | 43   | 169108             | 252.82 | ug/l  | 96       |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 149421             | 52.56  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 100686             | 51.84  | ug/l  | 100      |
| 28) Bromochloromethane       | 7.344          | 49   | 85561              | 59.42  | ug/l  | 97       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 130081             | 272.20 | ug/l  | 98       |
| 30) Chloroform               | 7.515          | 83   | 159902             | 51.36  | ug/l  | 96       |
| 31) Cyclohexane              | 7.795          | 56   | 163302             | 50.73  | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 146065             | 51.71  | ug/l  | 100      |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 132782             | 53.12  | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.082          | 43   | 86983              | 54.04  | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 120720             | 55.87  | ug/l  | 99       |
| 39) Methylcyclohexane        | 9.185          | 83   | 164011             | 53.30  | ug/l  | 98       |
| 40) Benzene                  | 8.167          | 78   | 374841             | 53.36  | ug/l  | 99       |

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

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/20/2021 9:45:21 AM

Quant Time: Apr 20 01:44:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 55647m   | 57.05   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 113911   | 51.70   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.277  | 43   | 169515   | 55.55   | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 100776   | 52.62   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 98502    | 54.33   | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 52693    | 53.39   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 126700   | 53.02   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 77233    | 54.96   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 13913    | 1079.34 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 438907   | 280.02  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 234980   | 51.70   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 140236   | 53.21   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 159985   | 53.45   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 72092    | 53.01   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 107010   | 54.26   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 131754   | 54.29   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 300427   | 297.73  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 294531   | 280.31  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 86475    | 53.51   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 69731    | 53.18   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 103587   | 52.85   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 241484   | 52.56   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 86604    | 52.81   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 451733   | 52.55   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 342909   | 107.35  | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 157488   | 52.61   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 266183   | 53.68   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 51991    | 53.45   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 431276   | 51.96   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 153942   | 55.09   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 84890    | 54.06   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 62796m   | 54.47   | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 96583    | 51.92   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 521286   | 53.17   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 279154   | 52.06   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 356200   | 52.80   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 35130    | 54.52   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 295190   | 52.13   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 307485   | 53.25   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 359219   | 52.77   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 436026   | 54.14   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 390012   | 53.23   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 185052   | 53.26   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 182155   | 52.08   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.702 | 91   | 382175   | 54.65   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 59599    | 60.63   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 162589   | 52.71   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 14293    | 50.72   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 108646   | 53.27   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 58094    | 54.56   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 237076   | 53.47   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 94888    | 52.74   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041921\  
Data File : VY004486.D  
Acq On : 19 Apr 2021 09:57  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
4/20/2021 9:45:21 AM

Quant Time: Apr 20 01:44:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

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

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

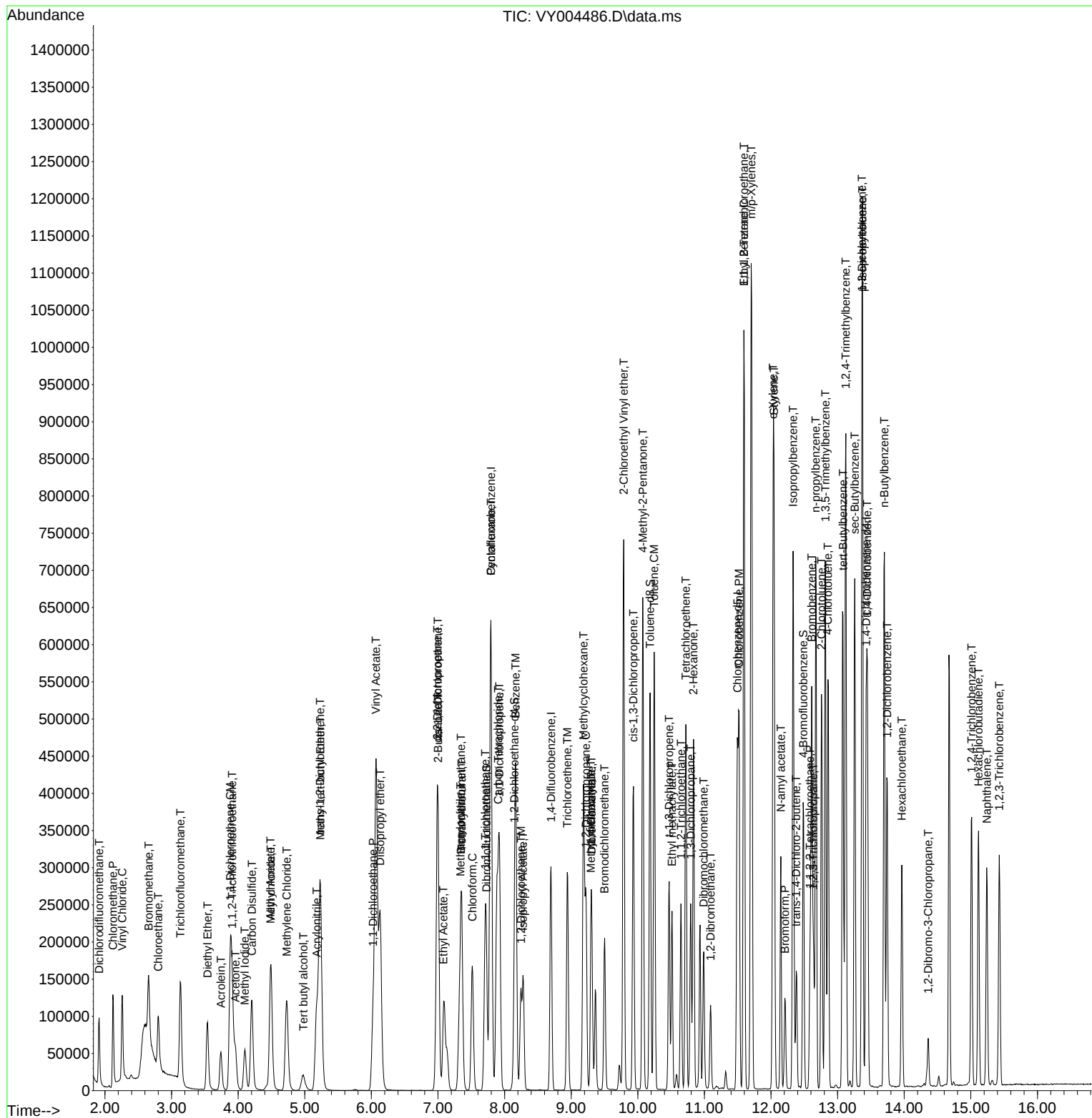
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 Data File : VY004486.D  
 Acq On : 19 Apr 2021 09:57  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

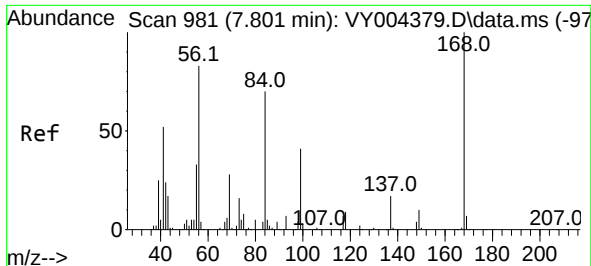
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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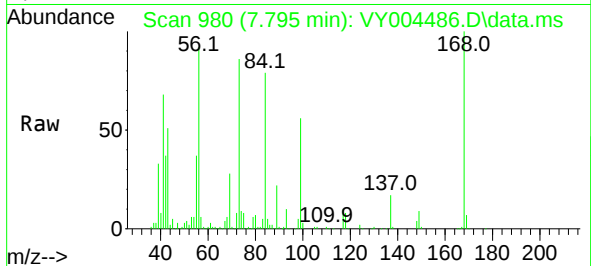
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 4/20/2021 9:45:21 AM

Quant Time: Apr 20 01:44:33 2021  
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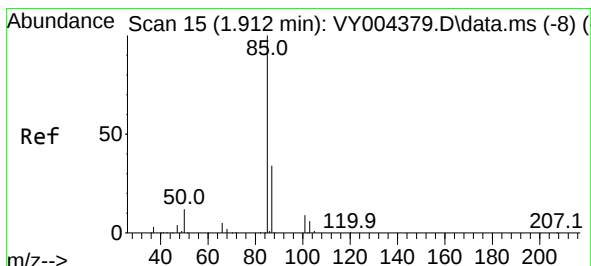
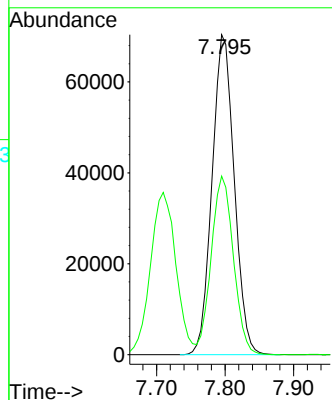
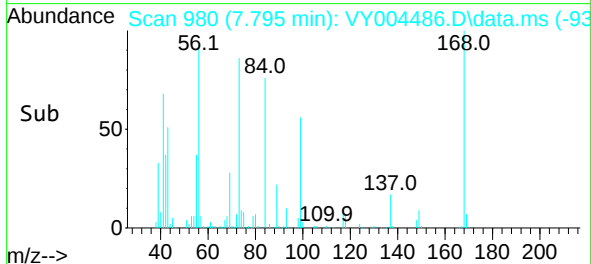




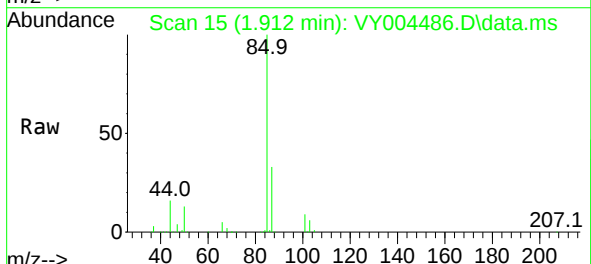
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



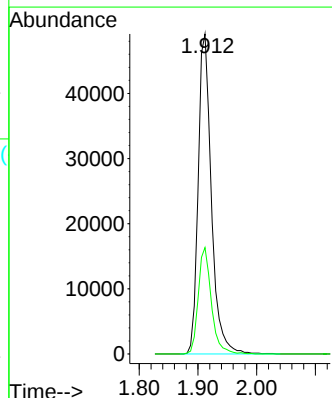
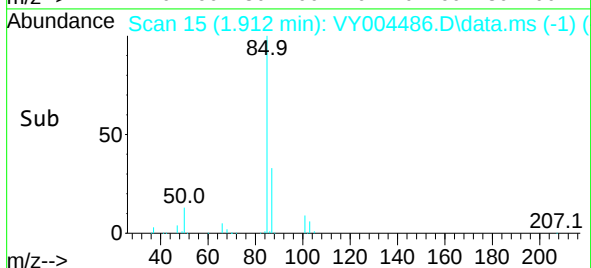
Tgt Ion: 168 Resp: 158041  
Ion Ratio Lower Upper  
168 100  
99 55.8 45.5 68.3



#2  
Dichlorodifluoromethane  
Concen: 52.34 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



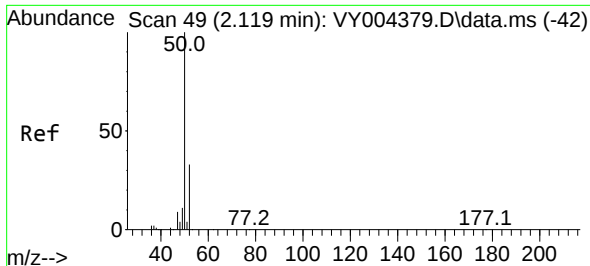
Tgt Ion: 85 Resp: 76641  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.8 50.4



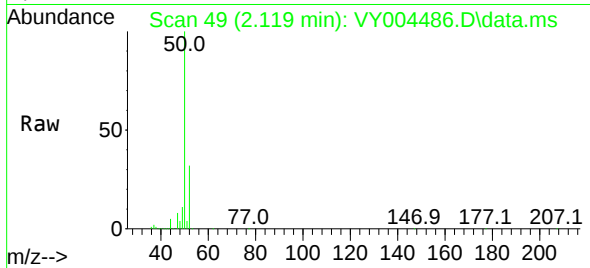
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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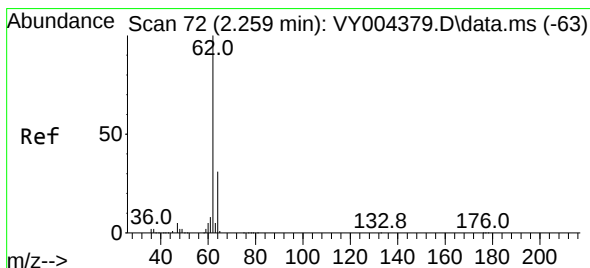
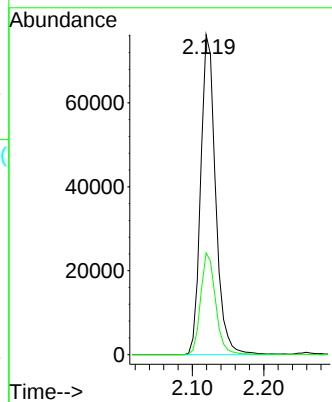
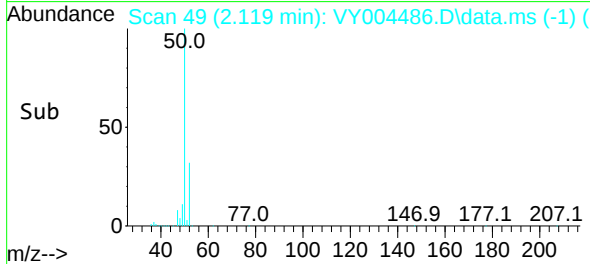
MMDadoda  
4/20/2021 9:45:21 AM



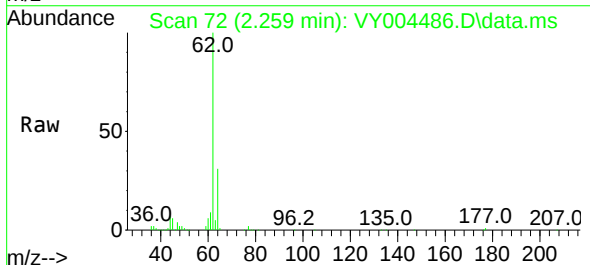
#3  
Chloromethane  
Concen: 52.14 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



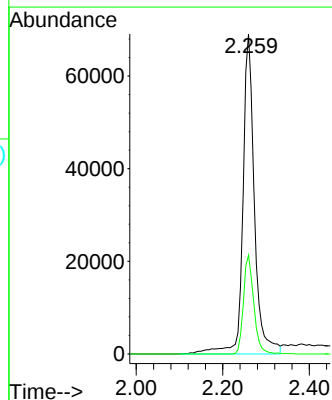
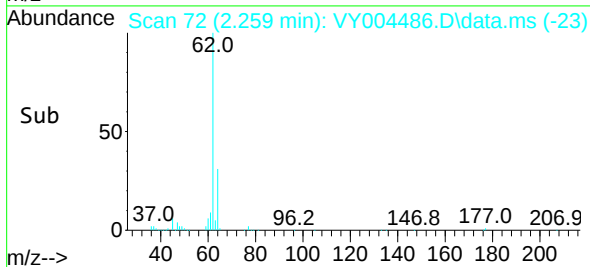
Tgt Ion: 50 Resp: 110408  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.6 39.8



#4  
Vinyl Chloride  
Concen: 57.25 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



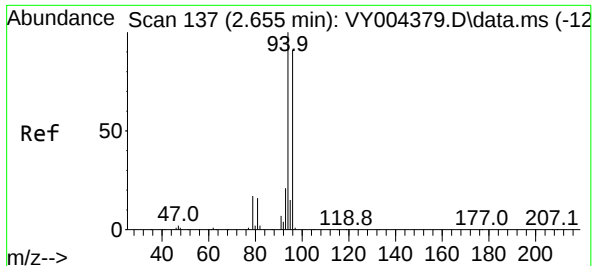
Tgt Ion: 62 Resp: 128011  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.1 37.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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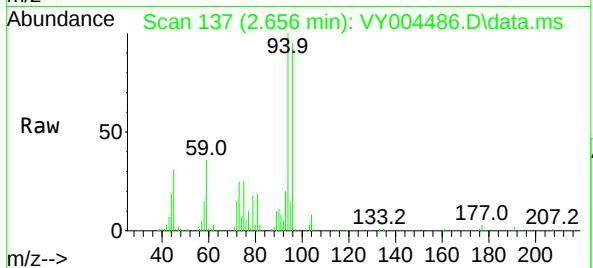
Manual Integrations  
APPROVED

MMDadoda  
4/20/2021 9:45:21 AM



#5  
Bromomethane  
Concen: 52.31 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

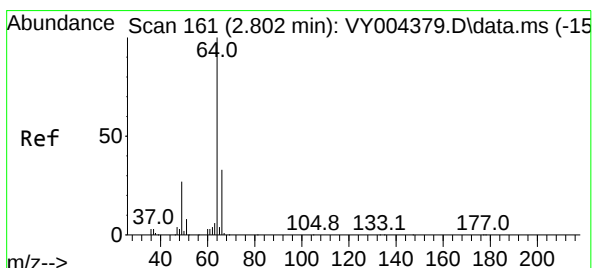
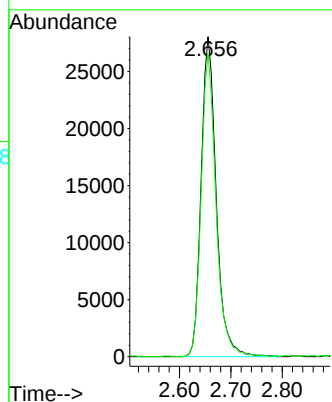
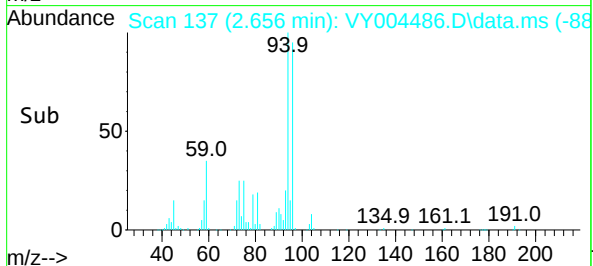
Instrument :  
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ClientSampleId :  
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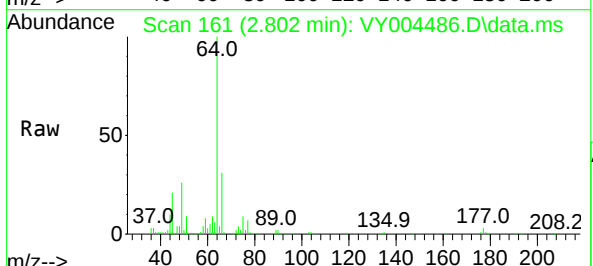
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Ion Ratio Lower Upper  
94 100  
96 94.8 72.6 108.8

Manual Integrations  
APPROVED

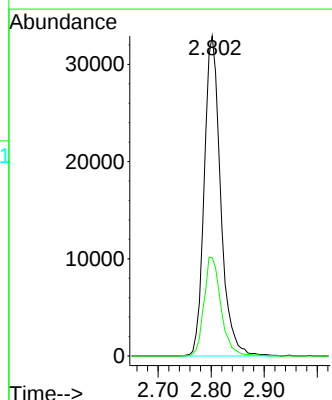
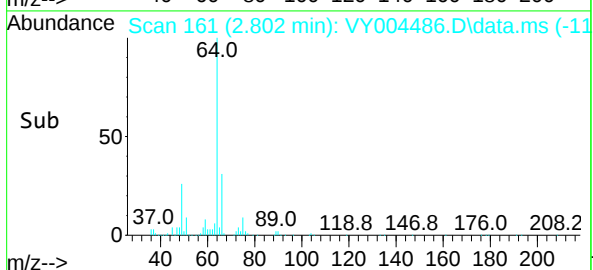
MMDadoda  
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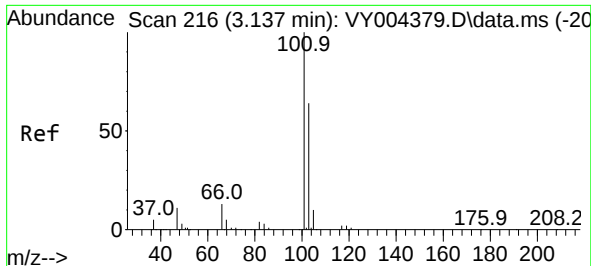


#6  
Chloroethane  
Concen: 52.74 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



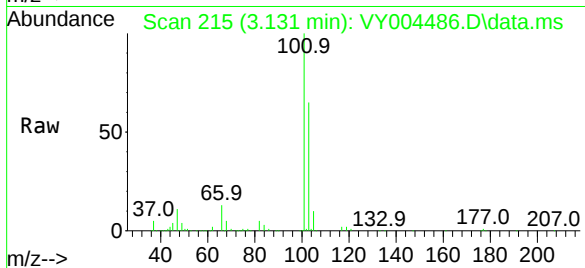
Tgt Ion: 64 Resp: 70713  
Ion Ratio Lower Upper  
64 100  
66 30.7 26.3 39.5





#7  
Trichlorofluoromethane  
Concen: 50.92 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

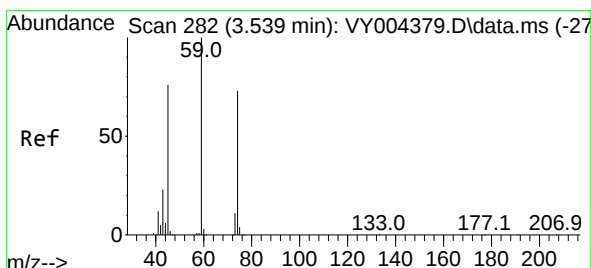
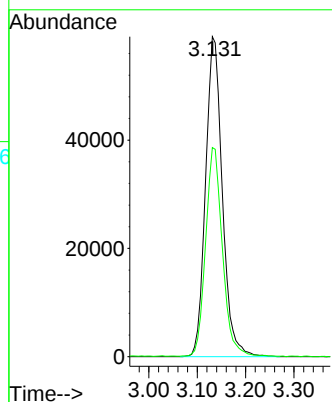
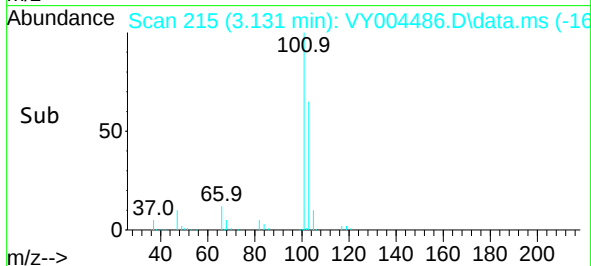
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



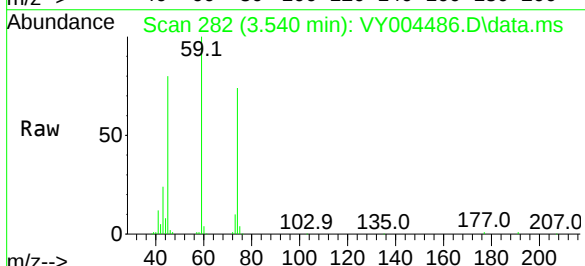
Tgt Ion:101 Resp: 142421  
Ion Ratio Lower Upper  
101 100  
103 65.2 51.2 76.8

Manual Integrations  
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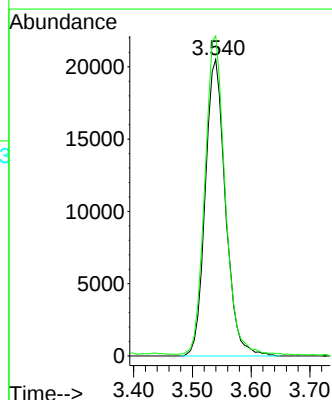
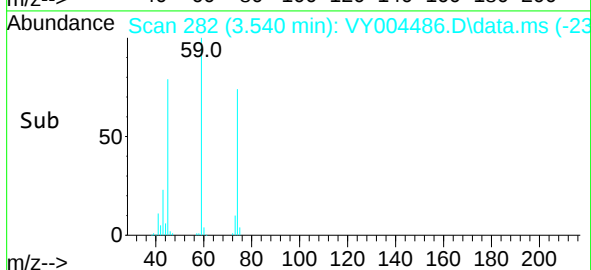
MMDadoda  
4/20/2021 9:45:21 AM

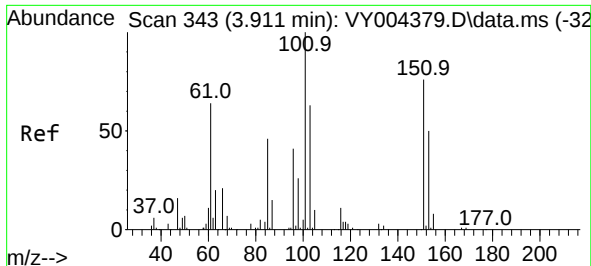


#8  
Diethyl Ether  
Concen: 52.06 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



Tgt Ion: 74 Resp: 49205  
Ion Ratio Lower Upper  
74 100  
45 107.9 52.3 156.8





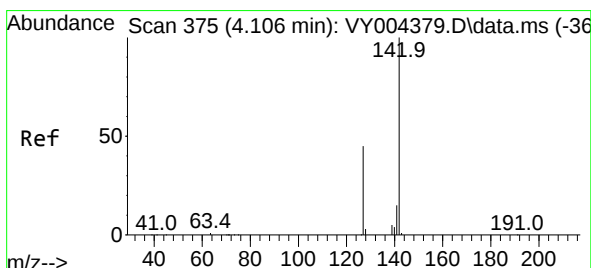
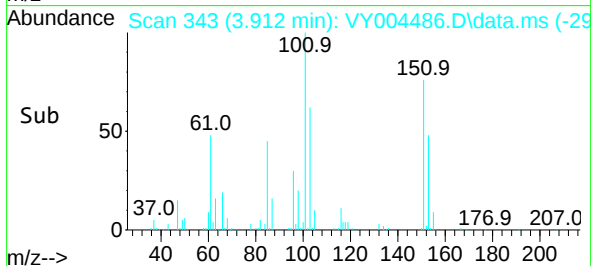
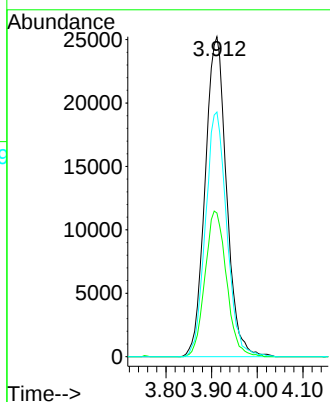
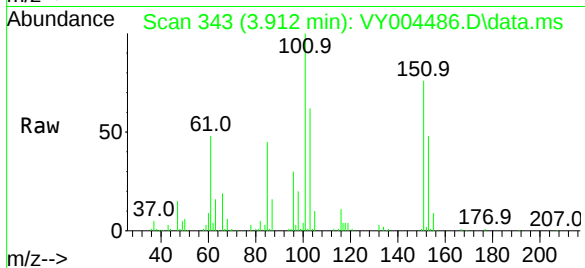
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.87 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 45.7  | 36.9  | 55.3  |
| 151     | 76.3  | 62.0  | 93.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

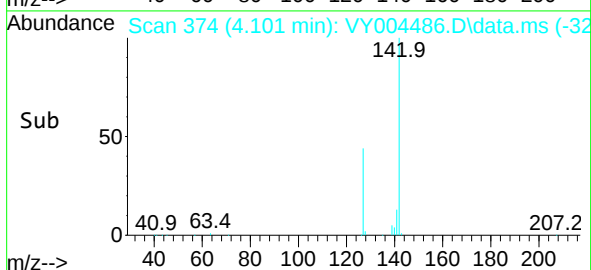
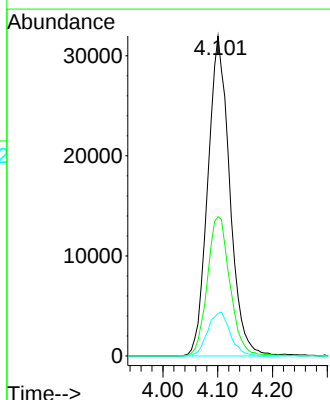
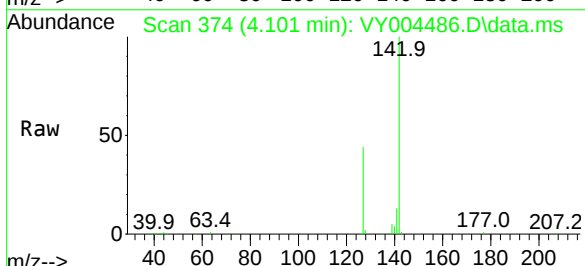
Manual Integrations  
APPROVED

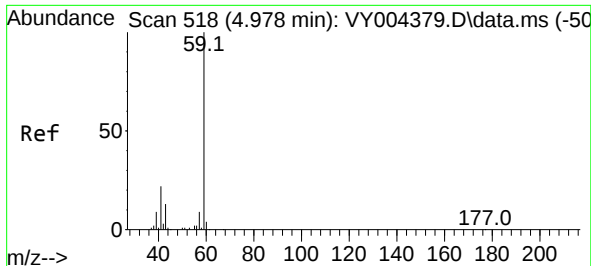
MMDadoda  
4/20/2021 9:45:21 AM



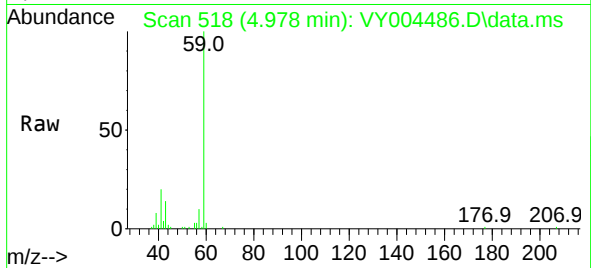
#10  
Methyl Iodide  
Concen: 47.72 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.0  | 36.2  | 54.4  |
| 141     | 14.1  | 11.6  | 17.4  |

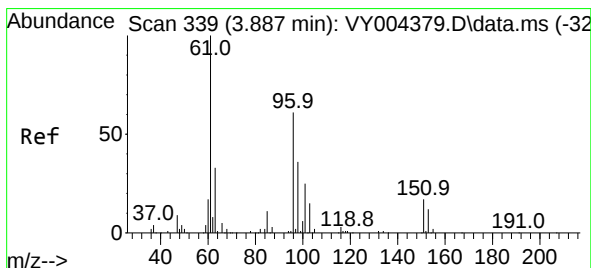
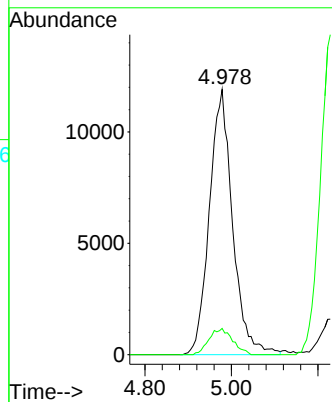
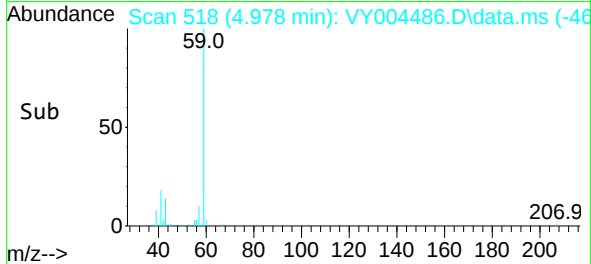




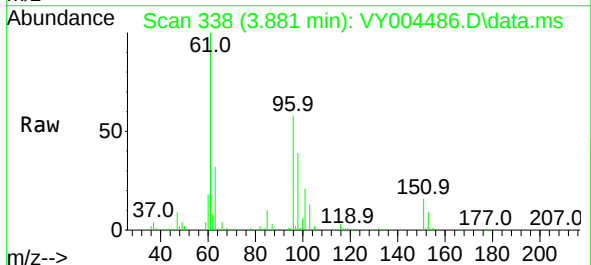
#11  
Tert butyl alcohol  
Concen: 255.98 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



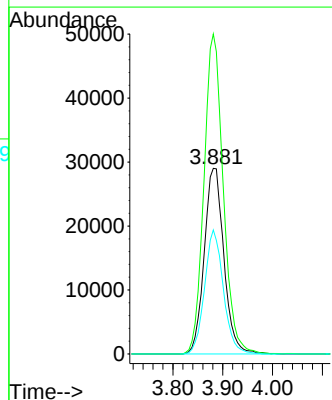
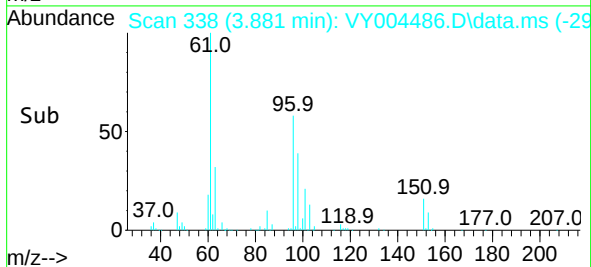
Tgt Ion: 59 Resp: 44298  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 51.88 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



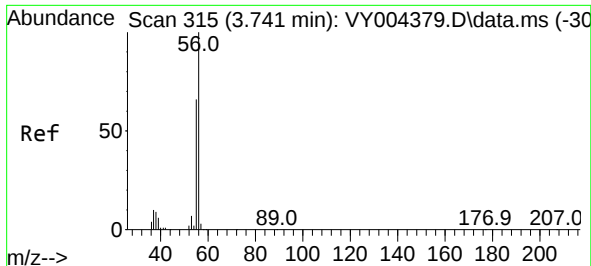
Tgt Ion: 96 Resp: 79583  
Ion Ratio Lower Upper  
96 100  
61 172.5 132.1 198.1  
98 66.9 48.2 72.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

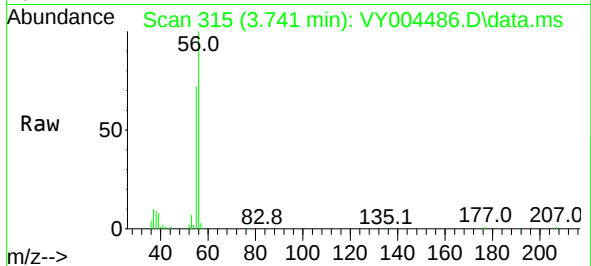
Manual Integrations  
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#13  
Acrolein  
Concen: 315.34 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

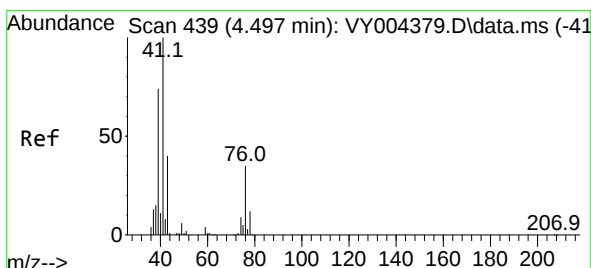
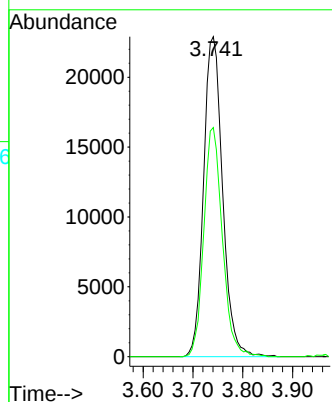
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



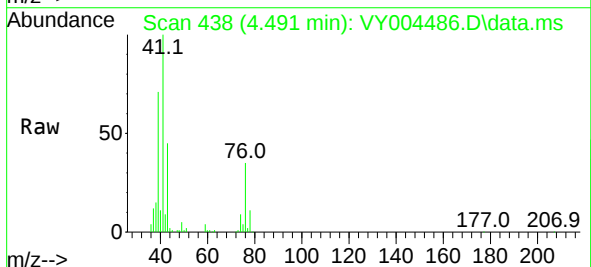
Tgt Ion: 56 Resp: 60663  
Ion Ratio Lower Upper  
56 100  
55 70.0 55.4 83.2

Manual Integrations  
APPROVED

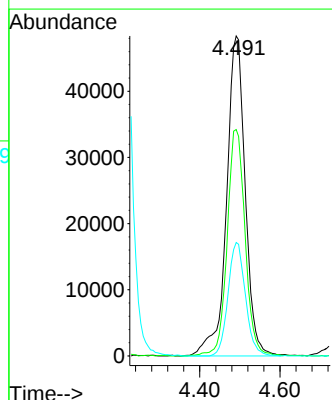
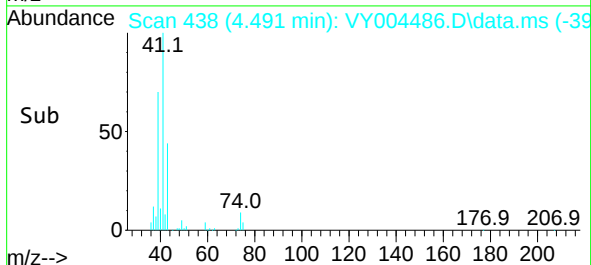
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4/20/2021 9:45:21 AM

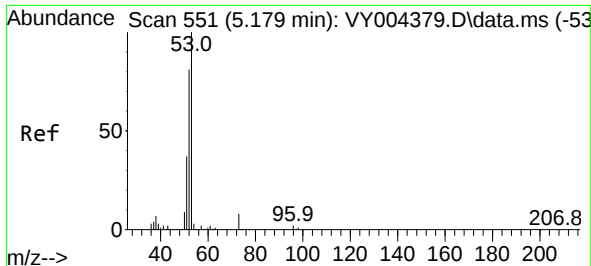


#14  
Allyl chloride  
Concen: 53.37 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



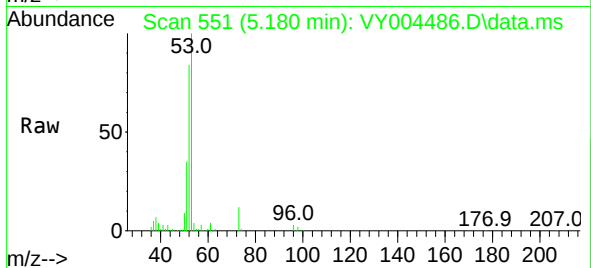
Tgt Ion: 41 Resp: 156588  
Ion Ratio Lower Upper  
41 100  
39 68.0 56.9 85.3  
76 32.9 26.8 40.2





#15  
Acrylonitrile  
Concen: 271.29 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

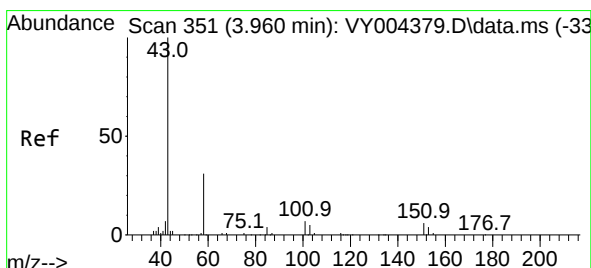
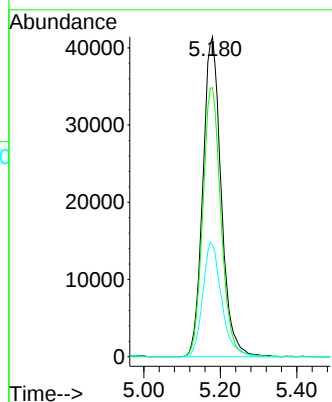
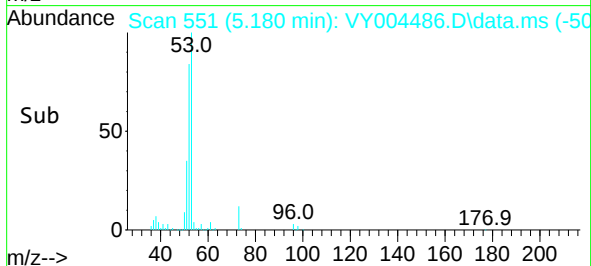
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



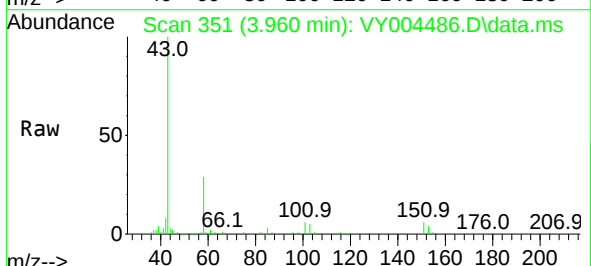
Tgt Ion: 53 Resp: 137579  
Ion Ratio Lower Upper  
53 100  
52 83.5 64.9 97.3  
51 36.8 29.3 43.9

Manual Integrations  
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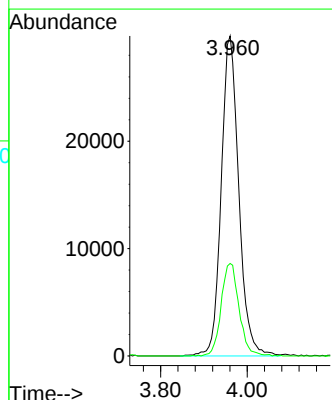
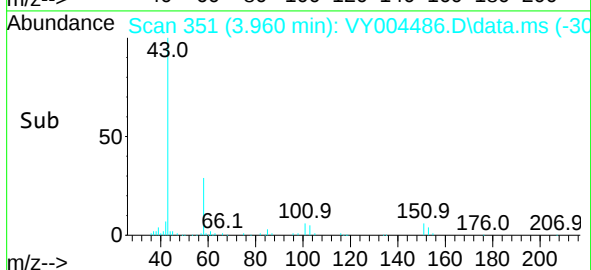
MMDadoda  
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#16  
Acetone  
Concen: 223.23 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



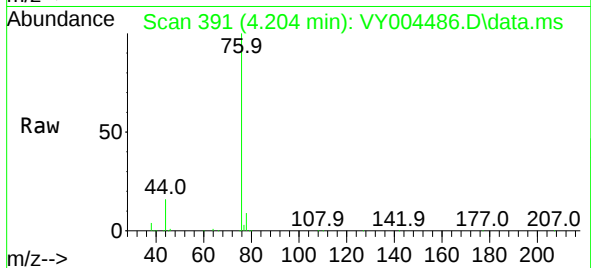
Tgt Ion: 43 Resp: 83965  
Ion Ratio Lower Upper  
43 100  
58 28.9 24.6 37.0





#17  
Carbon Disulfide  
Concen: 51.76 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

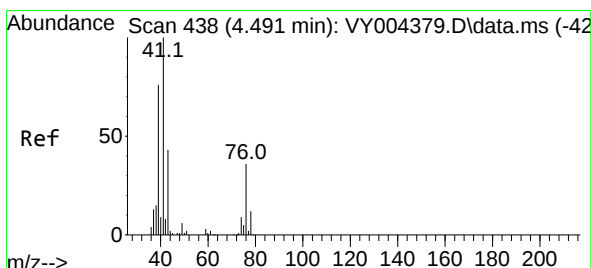
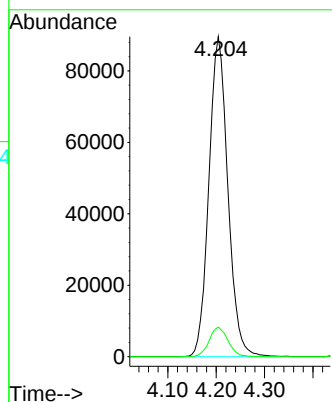
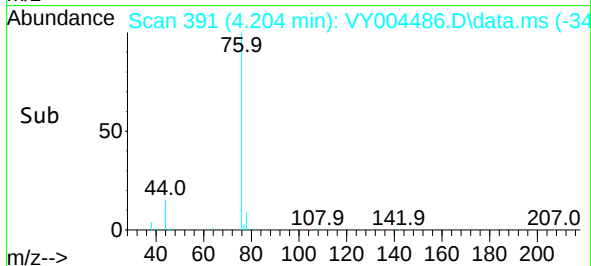
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



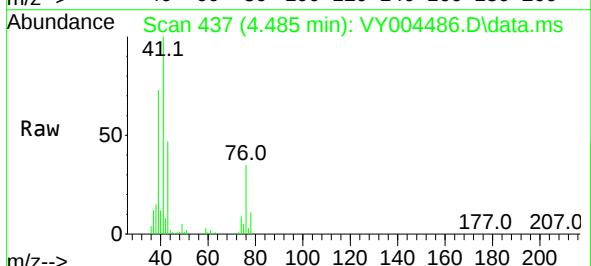
Tgt Ion: 76 Resp: 244485  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

Manual Integrations  
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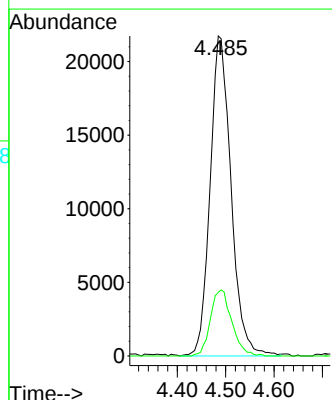
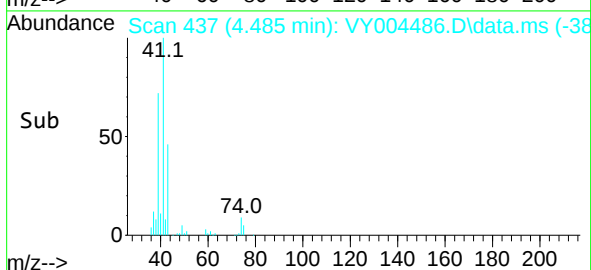
MMDadoda  
4/20/2021 9:45:21 AM

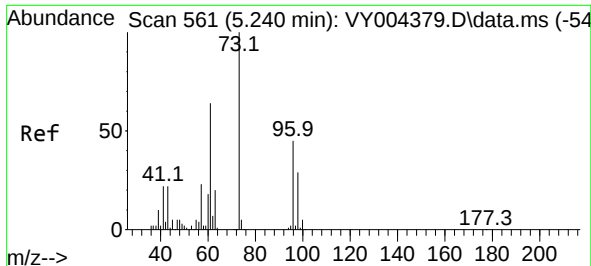


#18  
Methyl Acetate  
Concen: 53.52 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

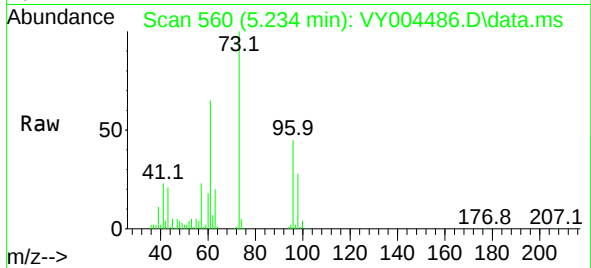


Tgt Ion: 43 Resp: 65454  
Ion Ratio Lower Upper  
43 100  
74 21.0 17.2 25.8

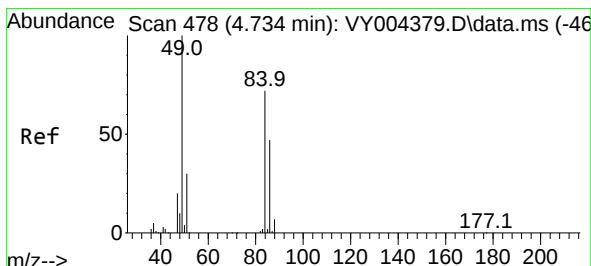
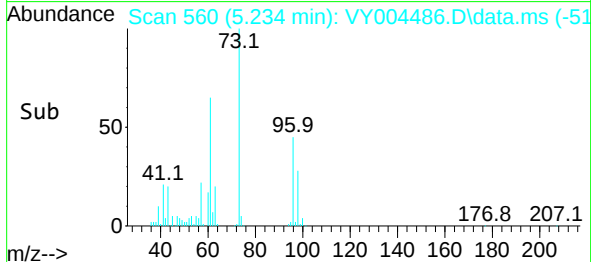
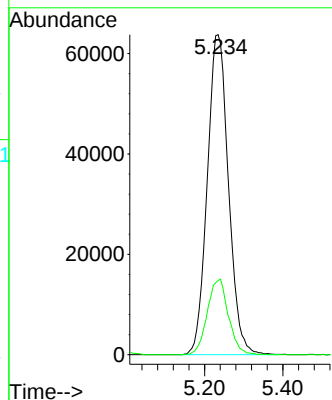




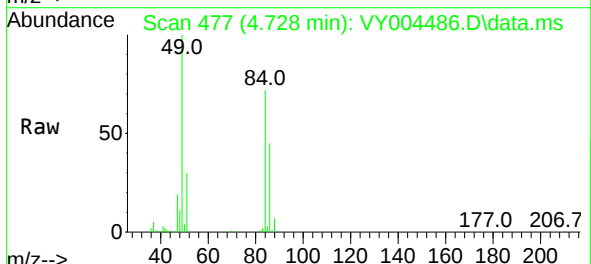
#19  
Methyl tert-butyl Ether  
Concen: 51.98 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



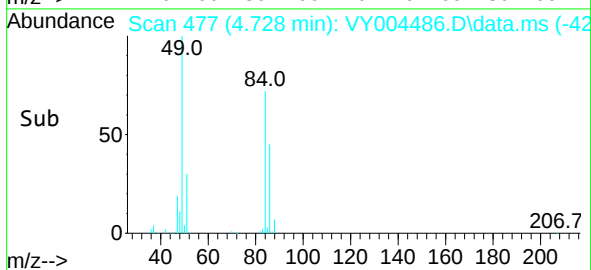
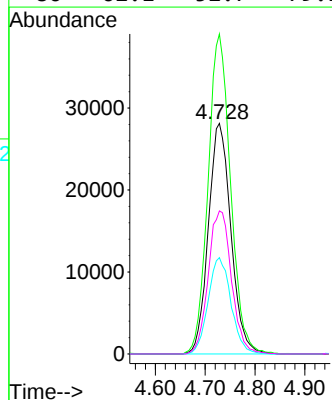
Tgt Ion: 73 Resp: 239585  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.4 27.6



#20  
Methylene Chloride  
Concen: 52.15 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



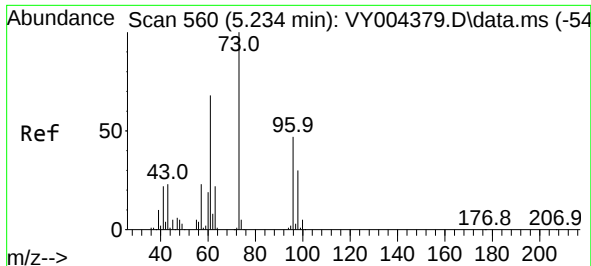
Tgt Ion: 84 Resp: 88452  
Ion Ratio Lower Upper  
84 100  
49 138.8 111.2 166.8  
51 41.8 33.4 50.2  
86 62.1 52.7 79.1



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

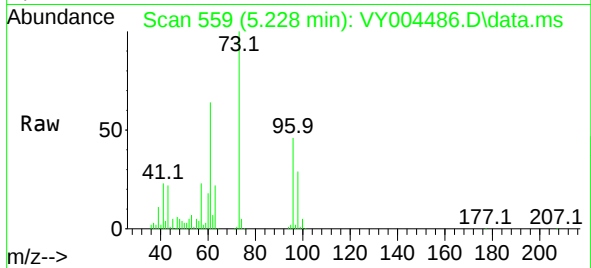
Manual Integrations  
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#21  
trans-1,2-Dichloroethene  
Concen: 52.10 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

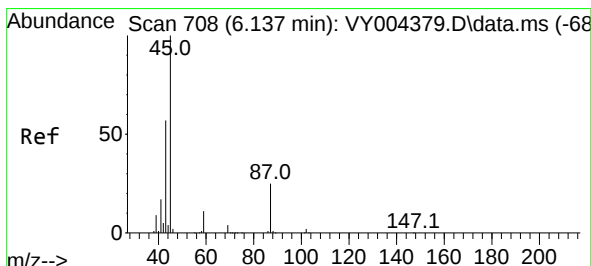
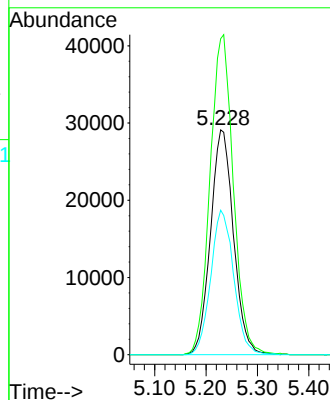
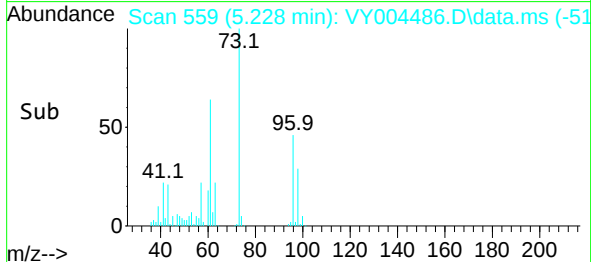
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



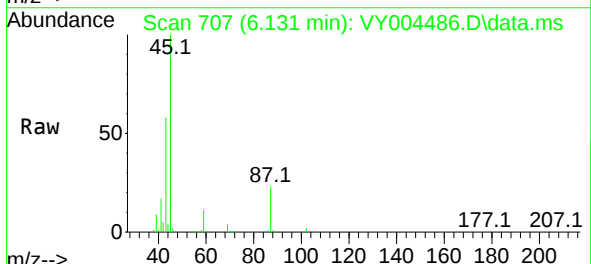
Tgt Ion: 96 Resp: 90435  
Ion Ratio Lower Upper  
96 100  
61 140.6 116.5 174.7  
98 64.3 52.0 78.0

Manual Integrations  
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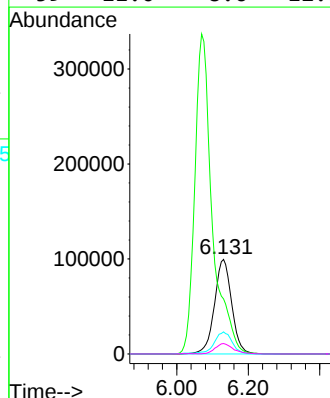
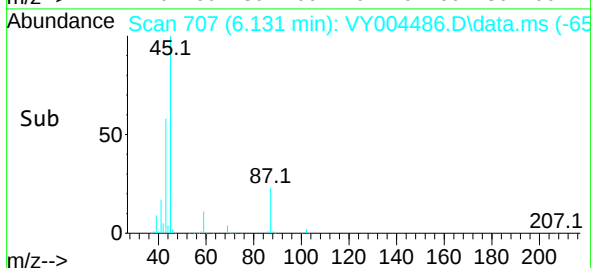
MMDadoda  
4/20/2021 9:45:21 AM

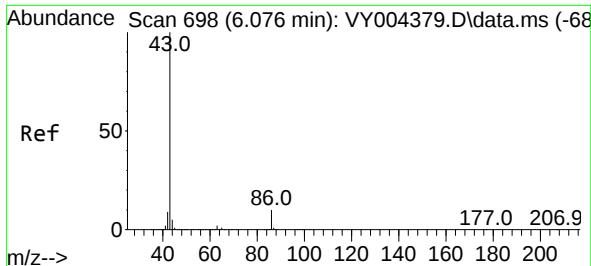


#22  
Diisopropyl ether  
Concen: 53.79 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



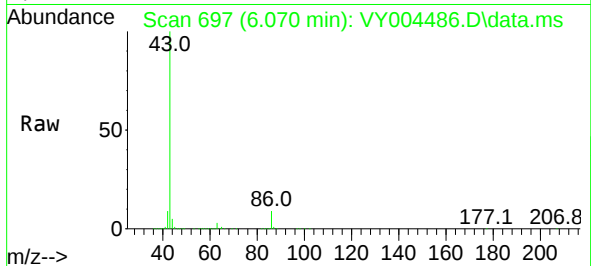
Tgt Ion: 45 Resp: 333630  
Ion Ratio Lower Upper  
45 100  
43 58.1 46.3 69.5  
87 23.3 20.3 30.5  
59 11.0 8.6 12.8





#23  
 Vinyl Acetate  
 Concen: 270.08 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY004486.D  
 Acq: 19 Apr 2021 09:57

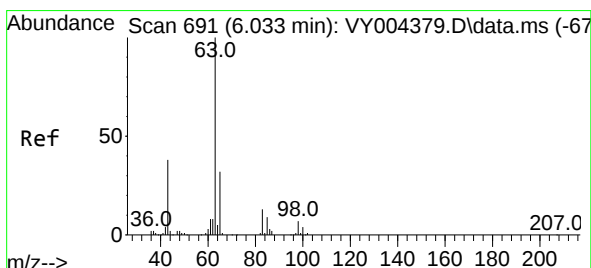
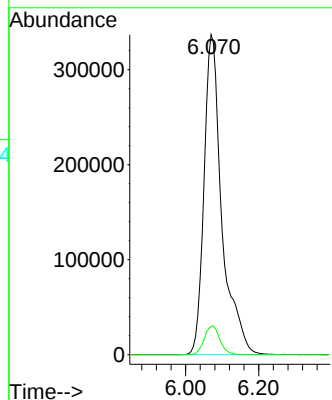
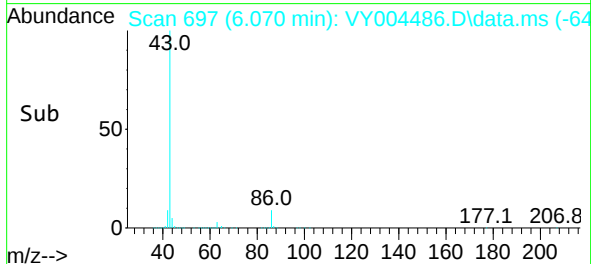
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050



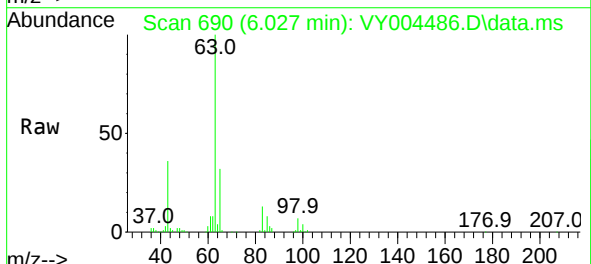
Tgt Ion: 43 Resp: 1140257  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 7.6 11.4

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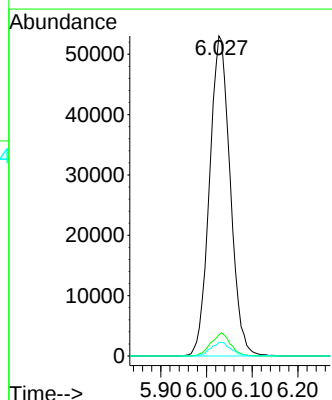
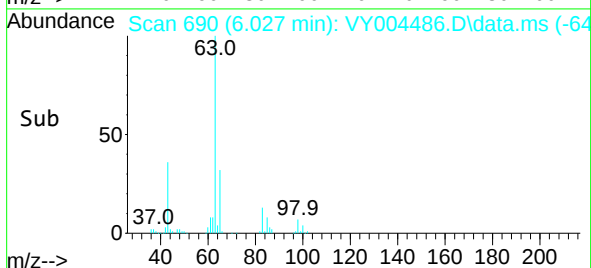
MMDadoda  
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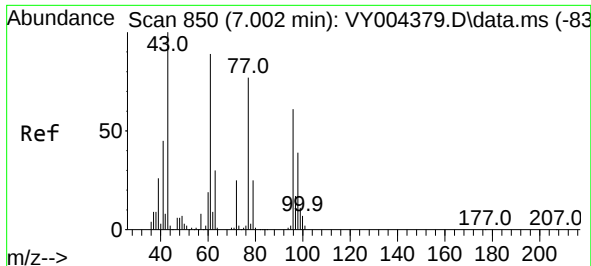


#24  
 1,1-Dichloroethane  
 Concen: 52.57 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY004486.D  
 Acq: 19 Apr 2021 09:57



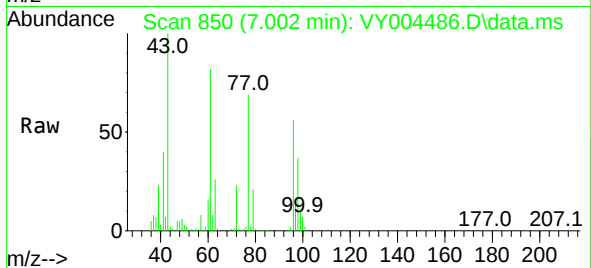
Tgt Ion: 63 Resp: 166566  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 4.2 2.0 6.0





#25  
2-Butanone  
Concen: 252.82 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

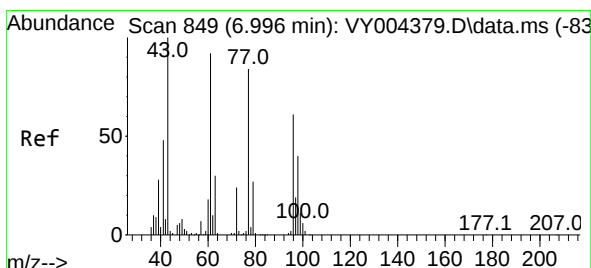
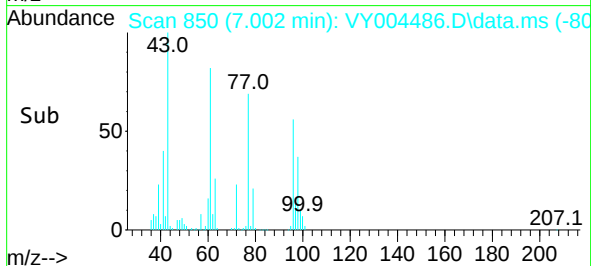
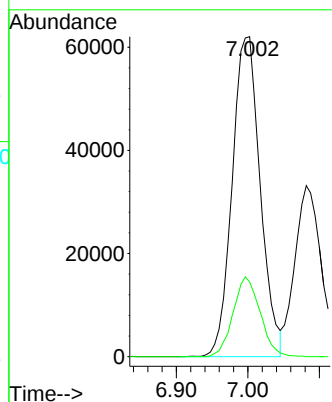
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 169108  
Ion Ratio Lower Upper  
43 100  
72 23.4 20.2 30.2

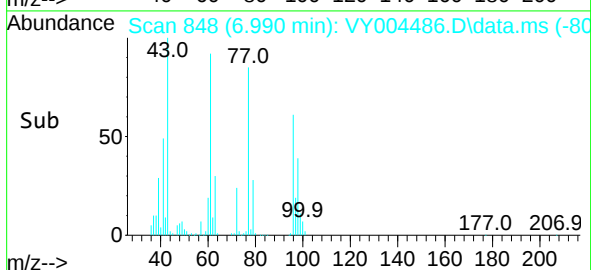
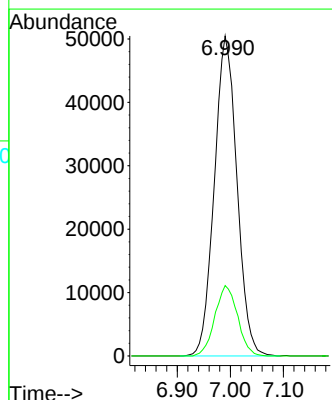
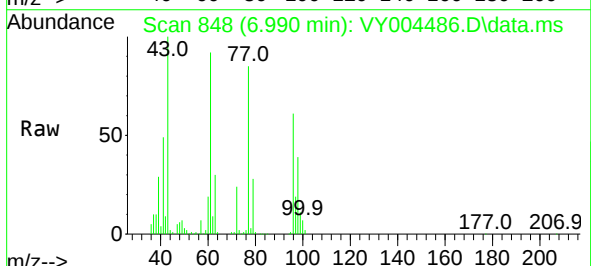
Manual Integrations  
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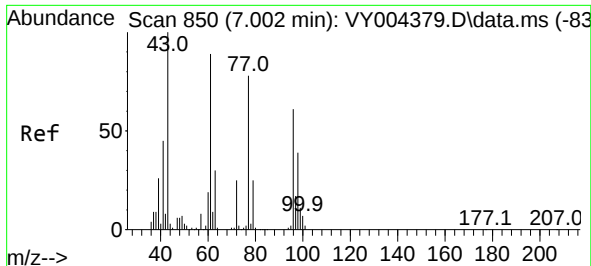
MMDadoda  
4/20/2021 9:45:21 AM



#26  
2,2-Dichloropropane  
Concen: 52.56 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 77 Resp: 149421  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.1 33.3

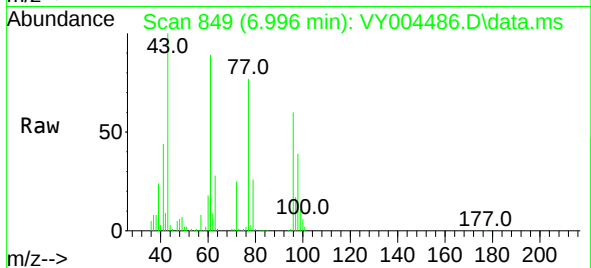




#27

cis-1,2-Dichloroethene  
Concen: 51.84 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

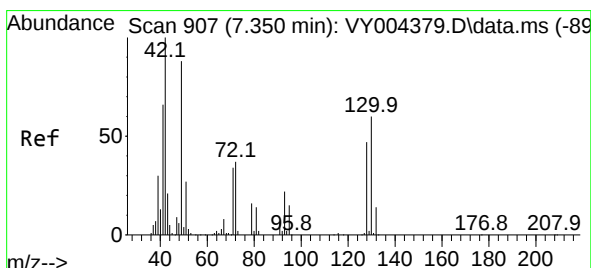
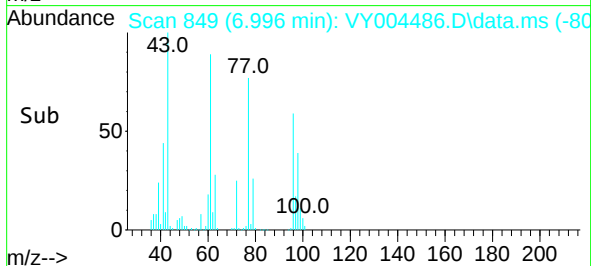
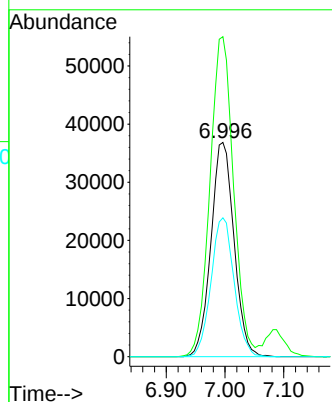
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



| Tgt Ion:  | 96    | Resp: | 100686 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 96        | 100   |       |        |
| 61        | 152.3 | 0.0   | 303.2  |
| 98        | 64.9  | 0.0   | 130.0  |

Manual Integrations  
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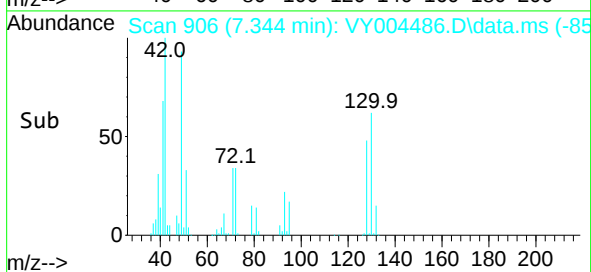
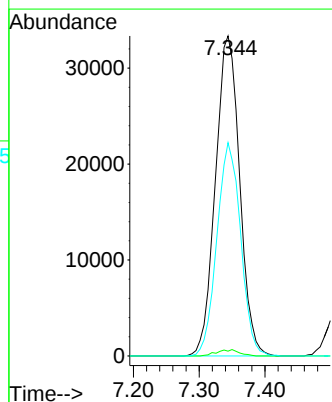
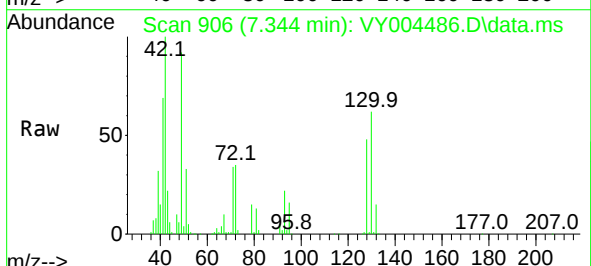
MMDadoda  
4/20/2021 9:45:21 AM

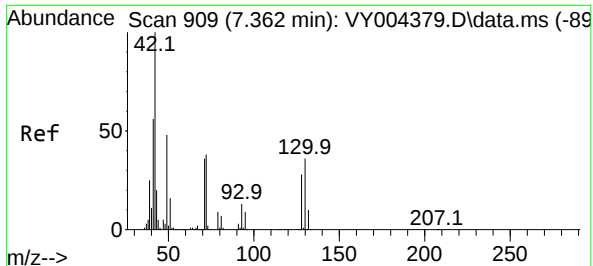


#28

Bromochloromethane  
Concen: 59.42 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

| Tgt Ion:  | 49   | Resp: | 85561 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 49        | 100  |       |       |
| 129       | 1.8  | 0.0   | 3.8   |
| 130       | 65.3 | 53.9  | 80.9  |





#29

Tetrahydrofuran

Concen: 272.20 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004486.D

Acq: 19 Apr 2021 09:57

Tgt Ion: 42 Resp: 130081

Ion Ratio Lower Upper

42 100

72 37.7 31.0 46.4

71 34.9 28.8 43.2

Instrument :

MSVOA\_Y

ClientSampleId :

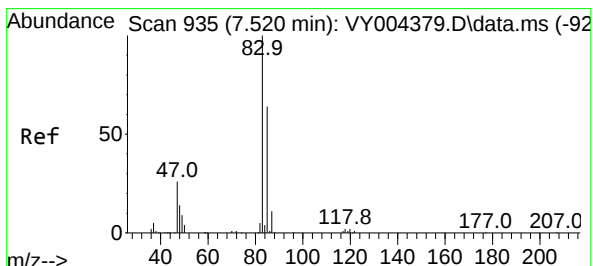
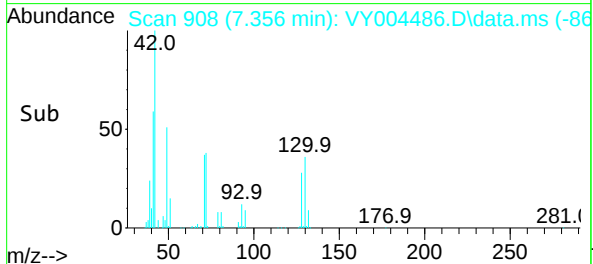
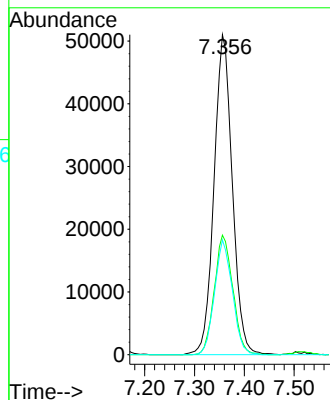
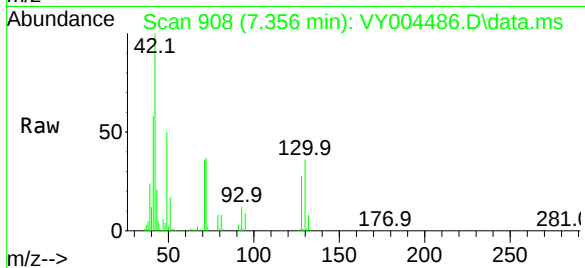
VSTDCCC050

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#30

Chloroform

Concen: 51.36 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY004486.D

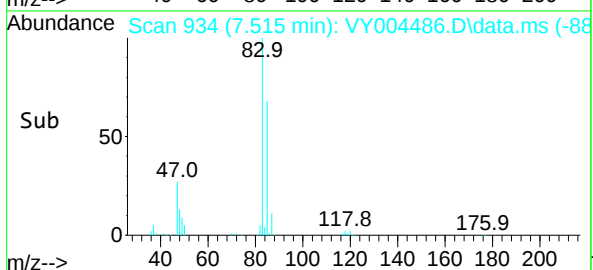
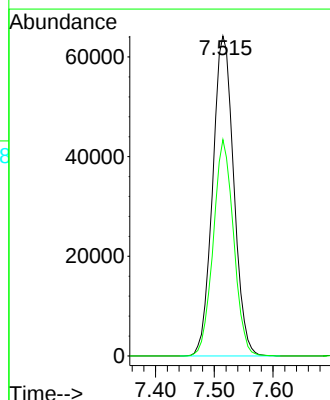
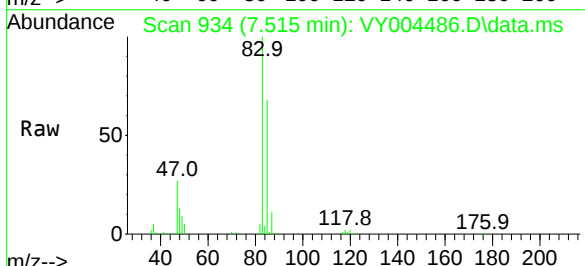
Acq: 19 Apr 2021 09:57

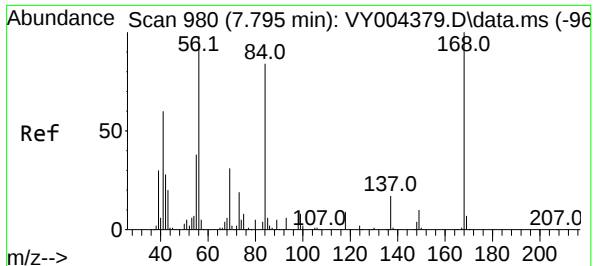
Tgt Ion: 83 Resp: 159902

Ion Ratio Lower Upper

83 100

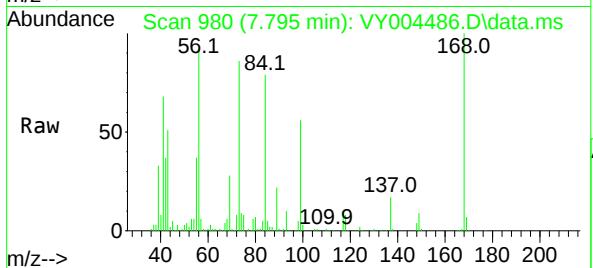
85 67.6 51.3 76.9





#31  
Cyclohexane  
Concen: 50.73 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

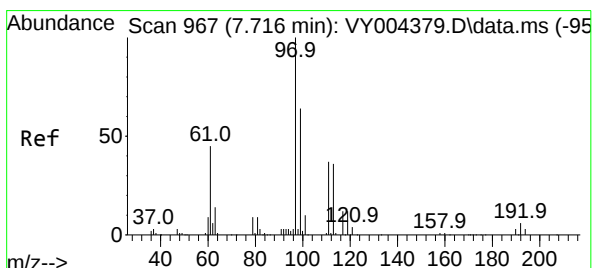
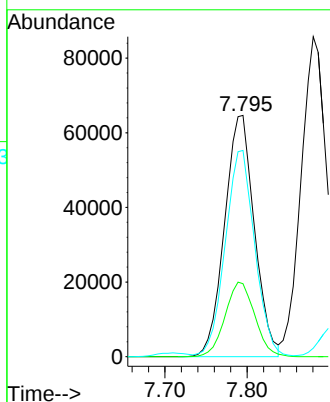
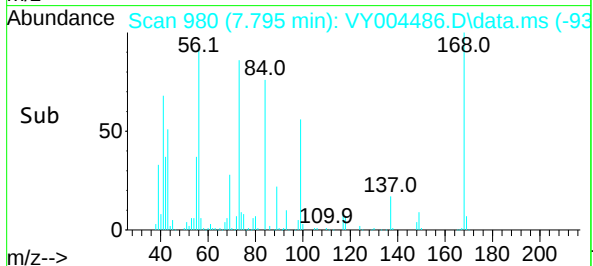
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



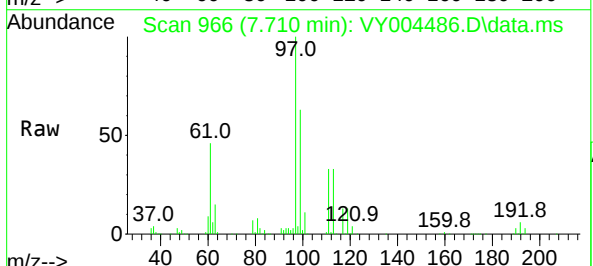
Tgt Ion: 56 Resp: 163302  
Ion Ratio Lower Upper  
56 100  
69 30.3 25.8 38.6  
84 84.1 68.2 102.4

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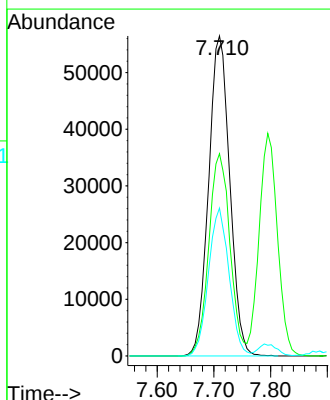
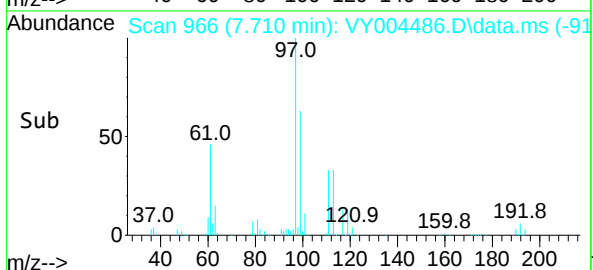
MMDadoda  
4/20/2021 9:45:21 AM

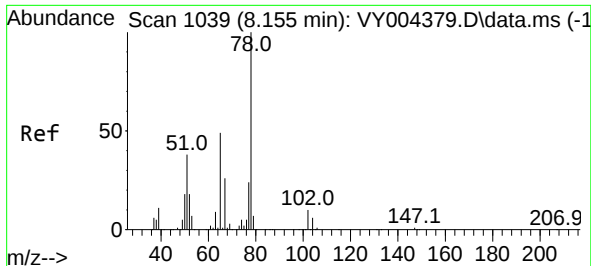


#32  
1,1,1-Trichloroethane  
Concen: 51.71 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



Tgt Ion: 97 Resp: 146065  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 45.2 36.2 54.2





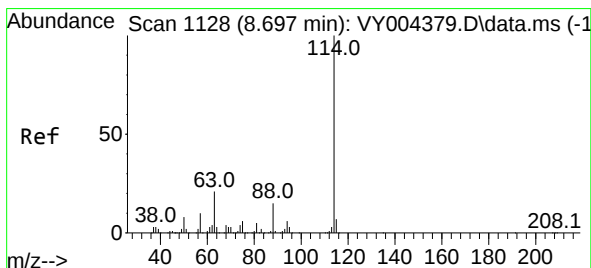
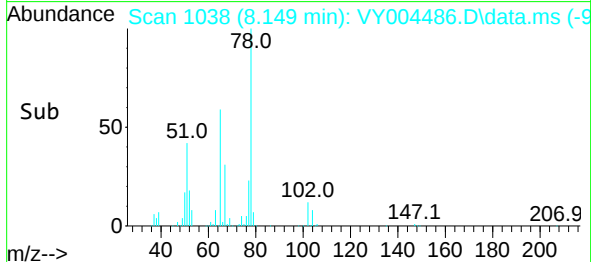
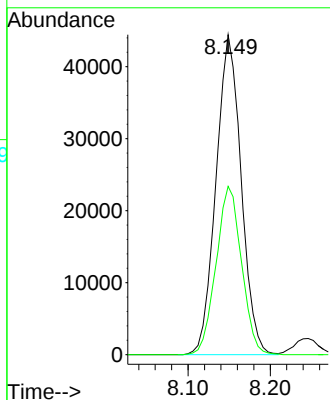
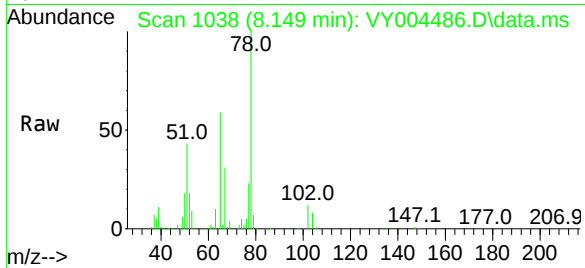
#33  
1,2-Dichloroethane-d4  
Concen: 53.83 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 65 Resp: 94530  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 106.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

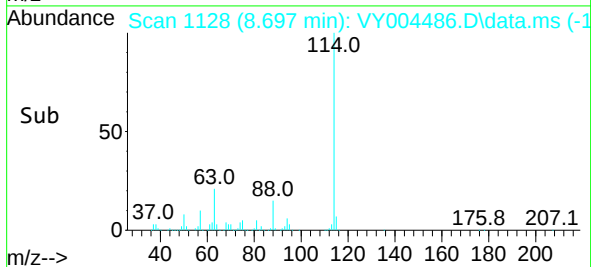
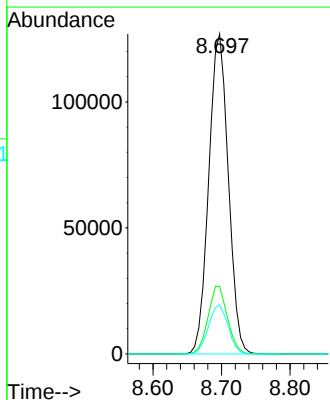
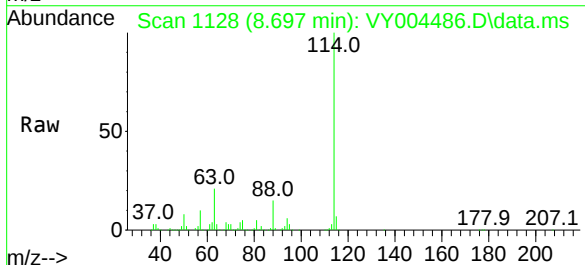
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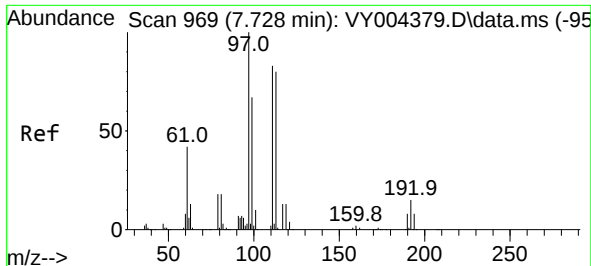
MMDadoda  
4/20/2021 9:45:21 AM



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 114 Resp: 251540  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 42.4  
88 15.3 0.0 30.8





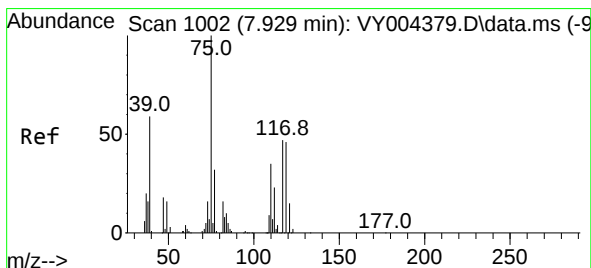
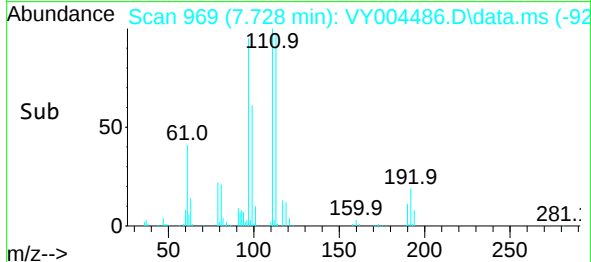
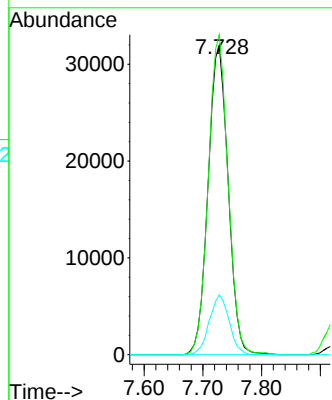
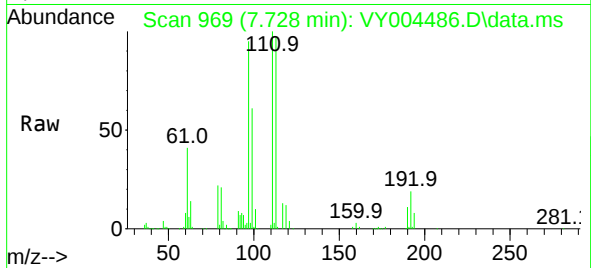
#35  
Dibromofluoromethane  
Concen: 54.19 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 113 Resp: 75651  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 123.8  
192 19.1 16.1 24.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

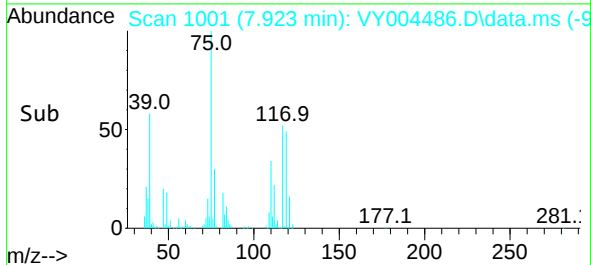
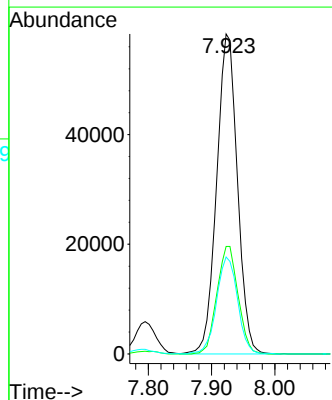
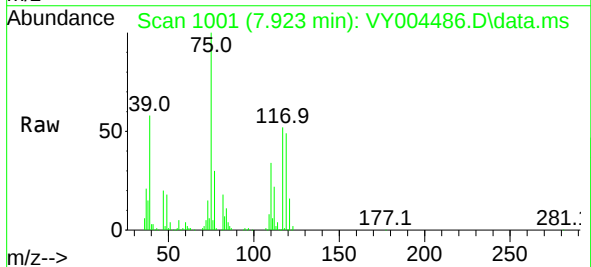
Manual Integrations  
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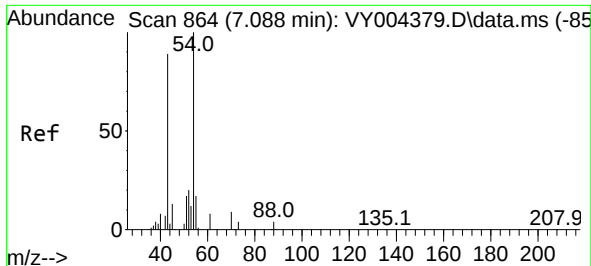
MMDadoda  
4/20/2021 9:45:21 AM



#36  
1,1-Dichloropropene  
Concen: 53.12 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 75 Resp: 132782  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.3 51.7  
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 54.04 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY004486.D

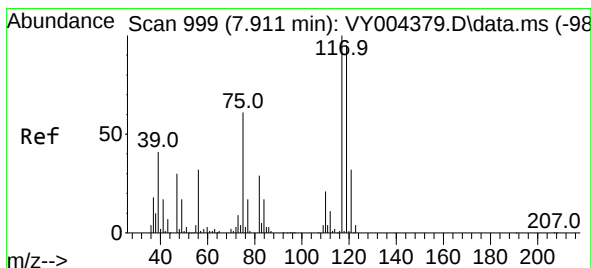
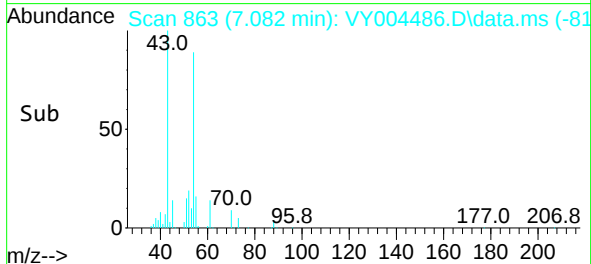
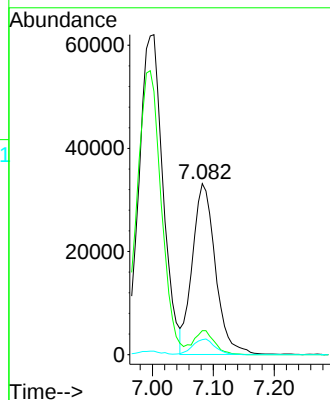
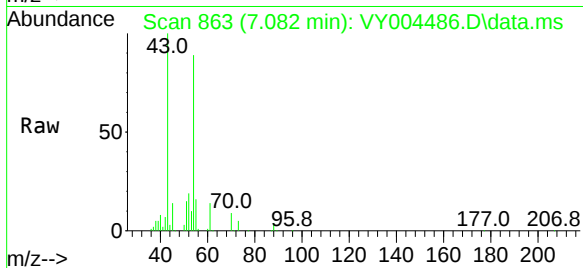
Acq: 19 Apr 2021 09:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 86983 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.0  | 10.4  | 15.6  |
| 70       | 8.9   | 7.5   | 11.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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4/20/2021 9:45:21 AM



#38

Carbon Tetrachloride

Concen: 55.87 ug/l

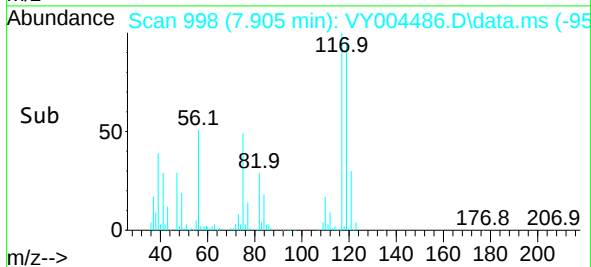
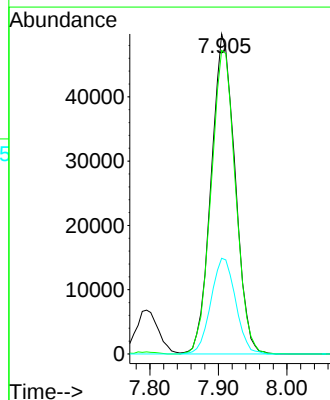
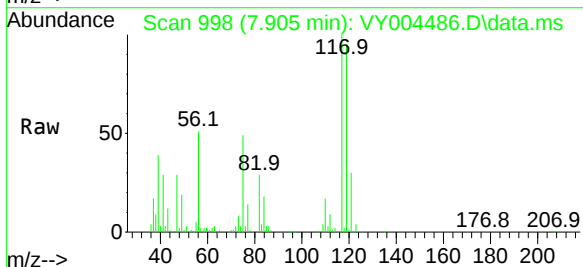
RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY004486.D

Acq: 19 Apr 2021 09:57

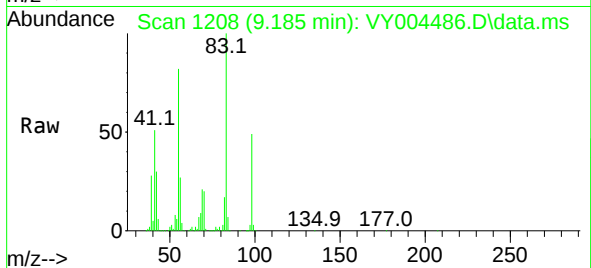
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120720 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.8  | 75.8  | 113.8  |
| 121      | 29.9  | 25.3  | 37.9   |





#39  
Methylcyclohexane  
Concen: 53.30 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

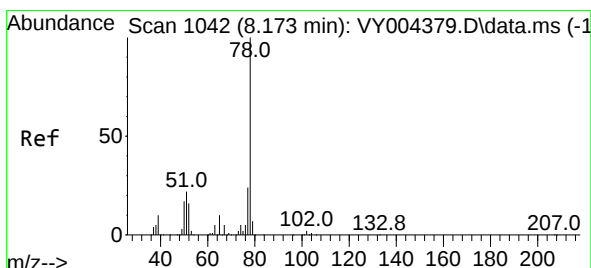
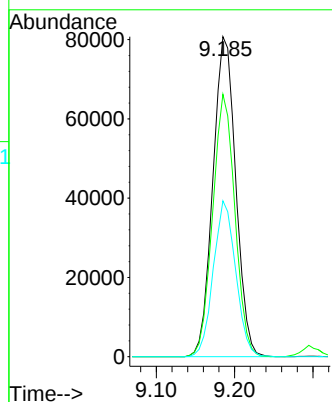
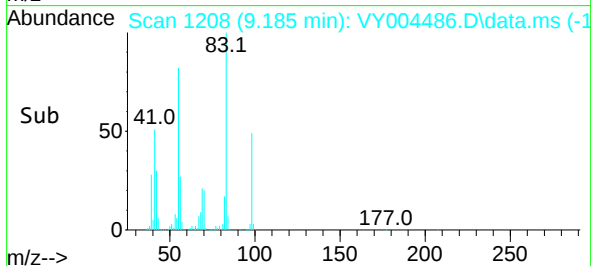
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



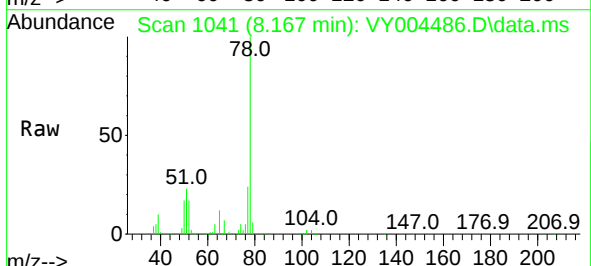
Tgt Ion: 83 Resp: 164011  
Ion Ratio Lower Upper  
83 100  
55 82.0 63.0 94.4  
98 48.7 39.2 58.8

Manual Integrations  
APPROVED

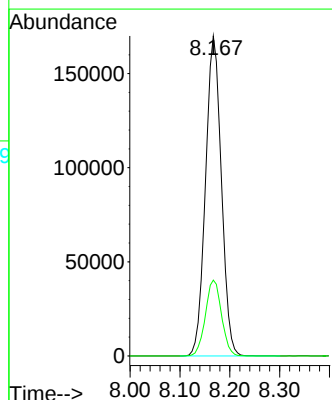
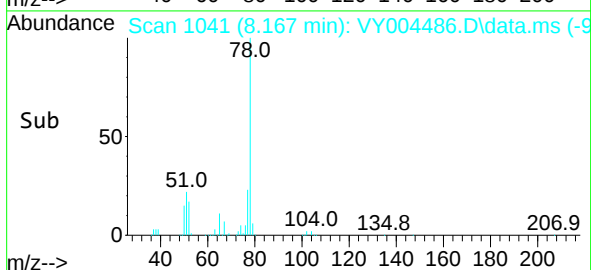
MMDadoda  
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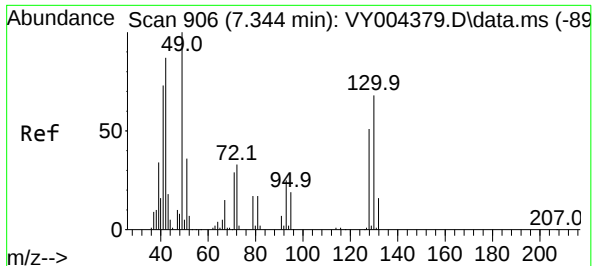


#40  
Benzene  
Concen: 53.36 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



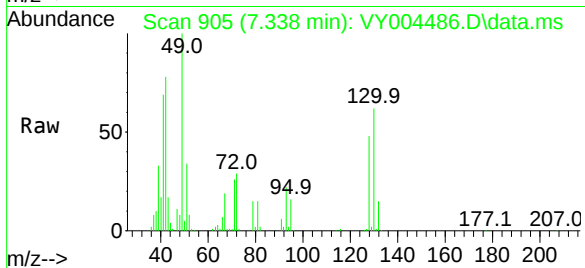
Tgt Ion: 78 Resp: 374841  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.4 29.0





#41  
Methacrylonitrile  
Concen: 57.05 ug/l m  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

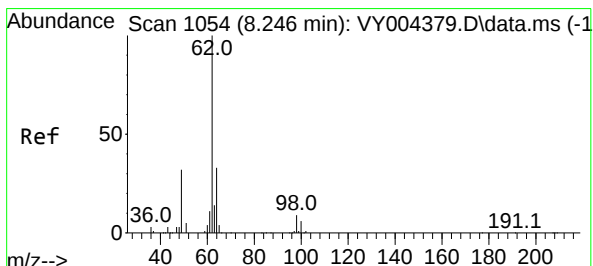
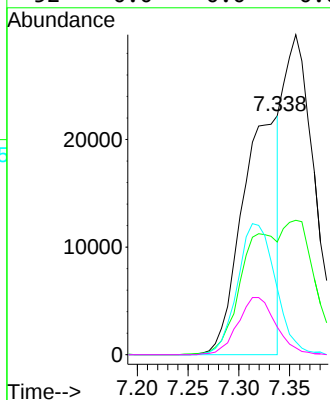
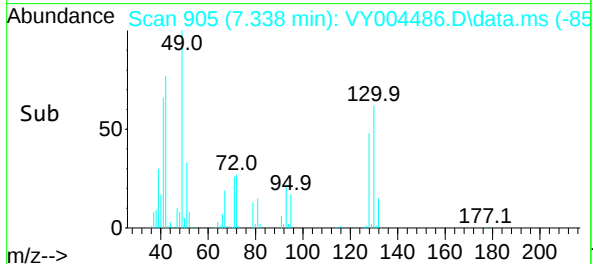
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



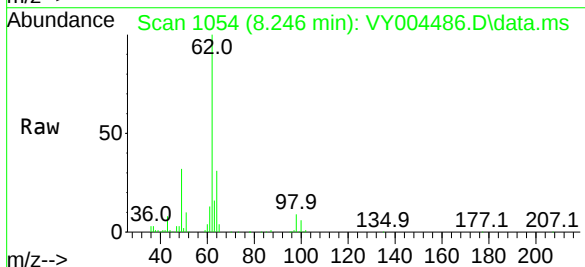
Tgt Ion: 41 Resp: 55647  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

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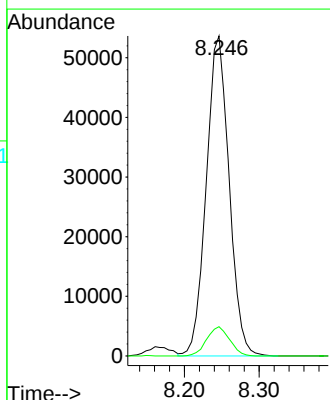
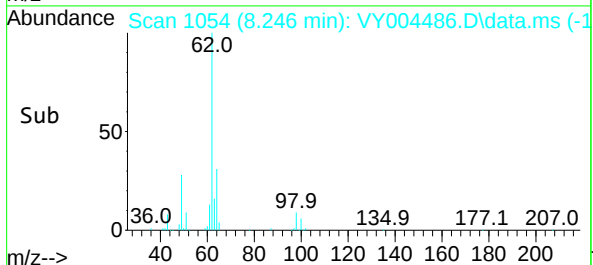
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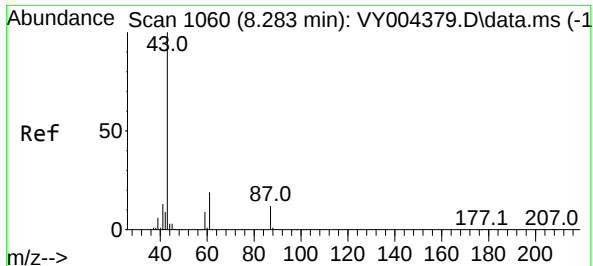


#42  
1,2-Dichloroethane  
Concen: 51.70 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



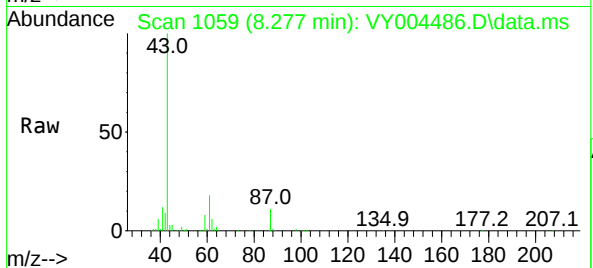
Tgt Ion: 62 Resp: 113911  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 18.2





#43  
Isopropyl Acetate  
Concen: 55.55 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

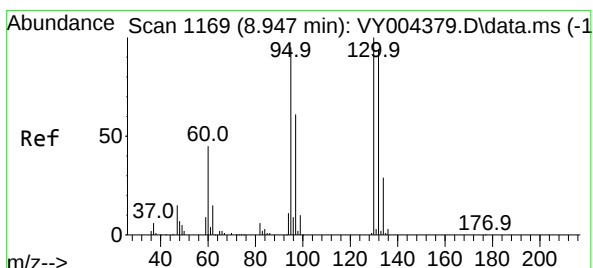
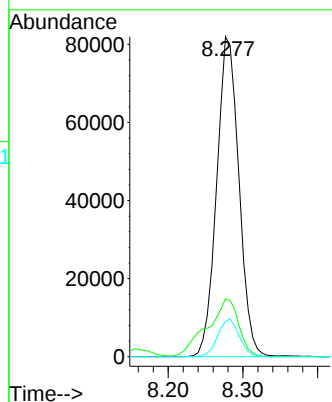
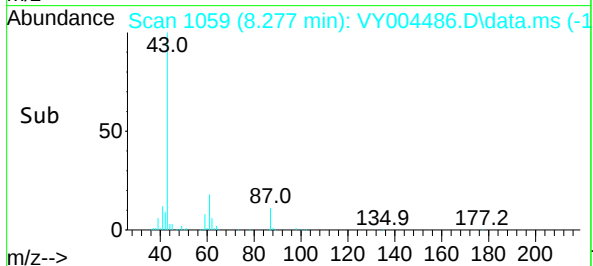
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



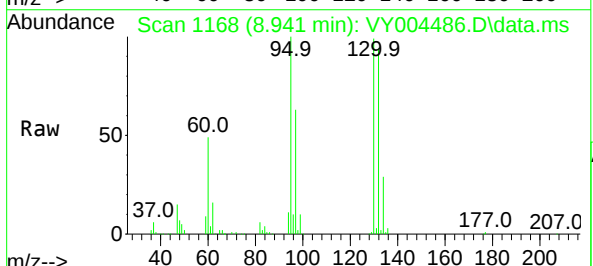
Tgt Ion: 43 Resp: 169515  
Ion Ratio Lower Upper  
43 100  
61 25.6 20.9 31.3  
87 11.4 9.1 13.7

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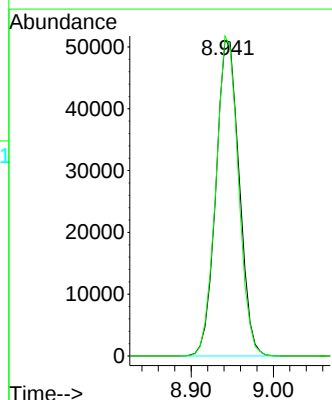
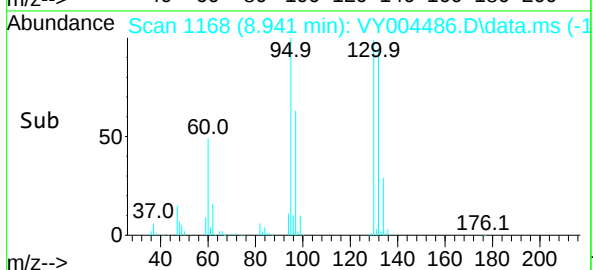
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4/20/2021 9:45:21 AM

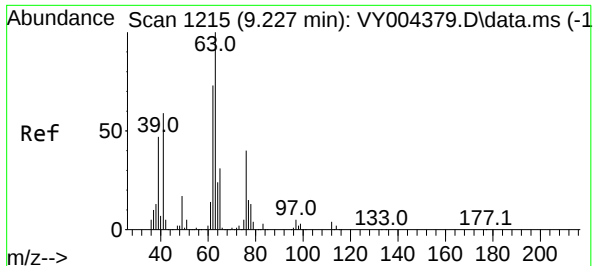


#44  
Trichloroethene  
Concen: 52.62 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



Tgt Ion: 130 Resp: 100776  
Ion Ratio Lower Upper  
130 100  
95 101.3 0.0 190.4





#45

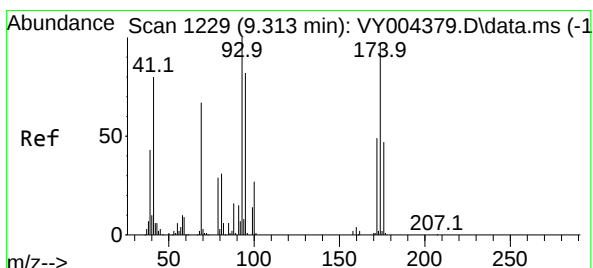
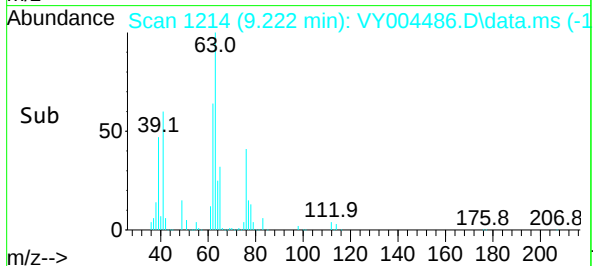
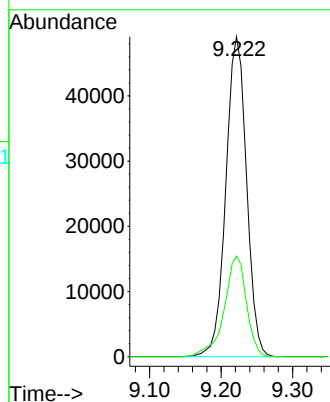
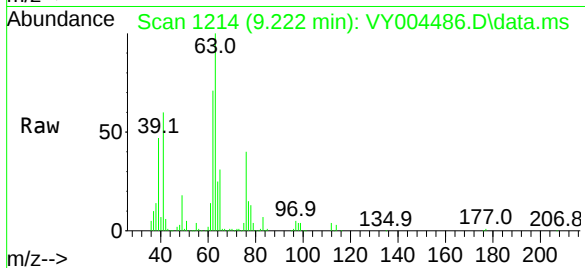
1,2-Dichloropropane  
Concen: 54.33 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 63 Resp: 98502  
Ion Ratio Lower Upper  
63 100  
65 31.5 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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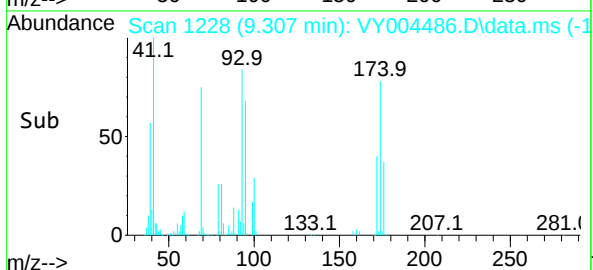
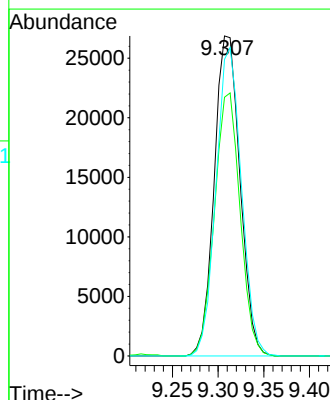
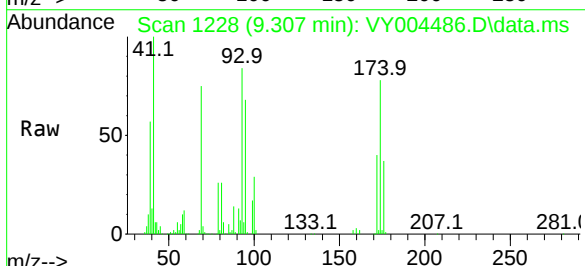
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#46

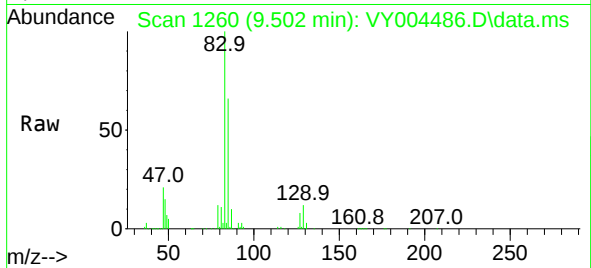
Dibromomethane  
Concen: 53.39 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 93 Resp: 52693  
Ion Ratio Lower Upper  
93 100  
95 81.7 65.8 98.8  
174 94.9 77.8 116.6

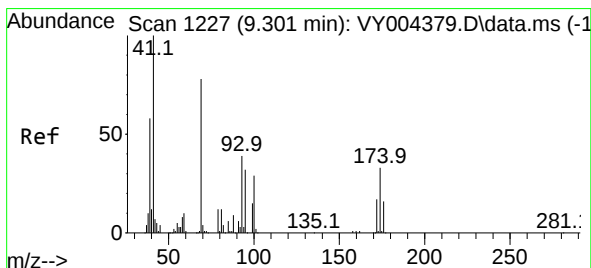
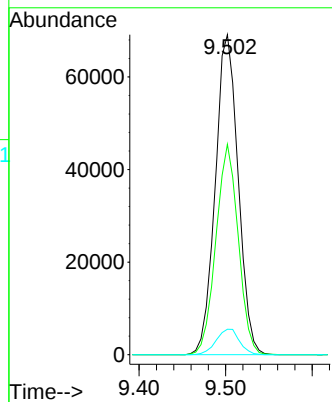
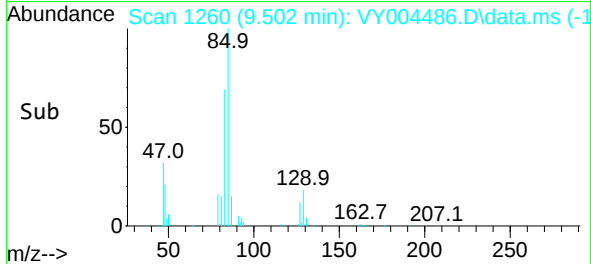




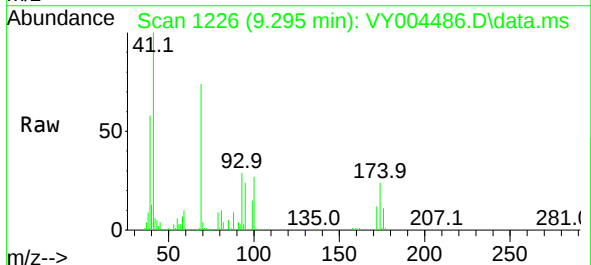
#47  
Bromodichloromethane  
Concen: 53.02 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



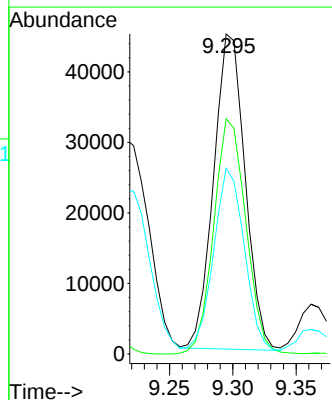
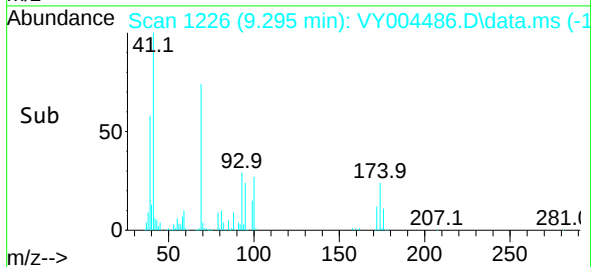
Tgt Ion: 83 Resp: 126700  
Ion Ratio Lower Upper  
83 100  
85 65.8 50.7 76.1  
127 7.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 54.96 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



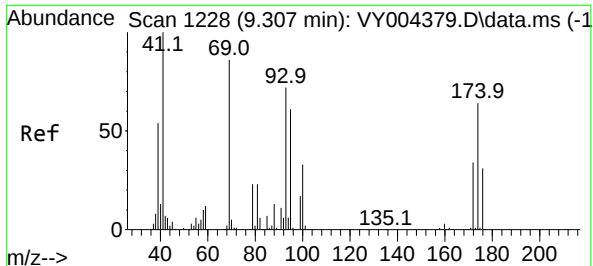
Tgt Ion: 41 Resp: 77233  
Ion Ratio Lower Upper  
41 100  
69 76.3 62.6 94.0  
39 56.5 47.2 70.8



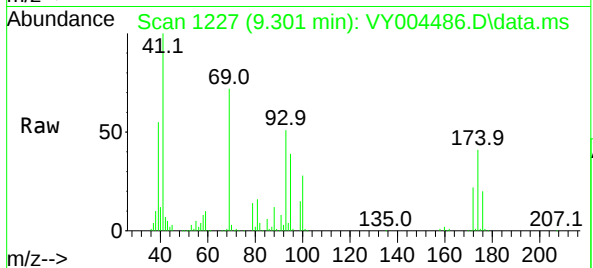
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050

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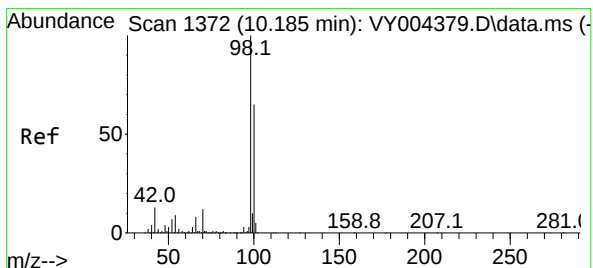
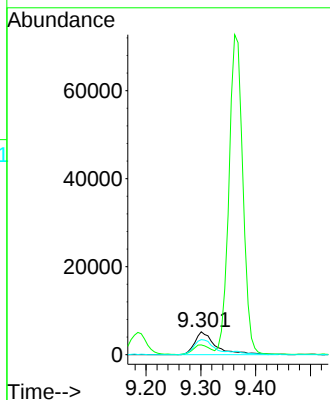
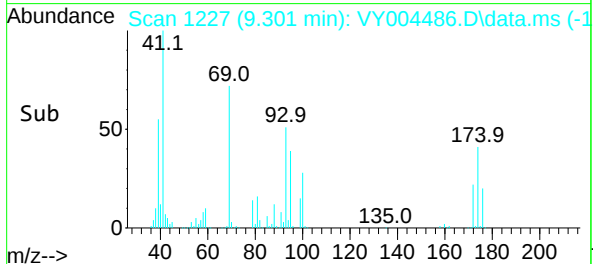
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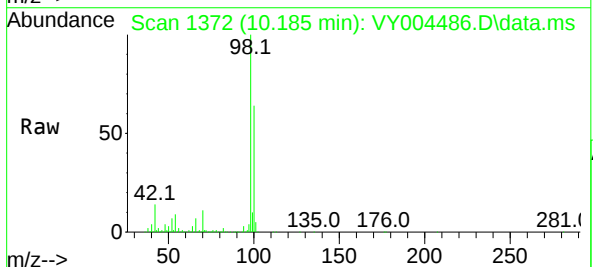
#49  
1,4-Dioxane  
Concen: 1079.34 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



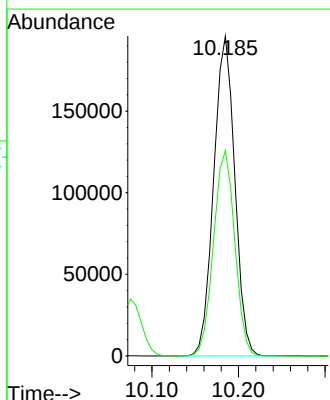
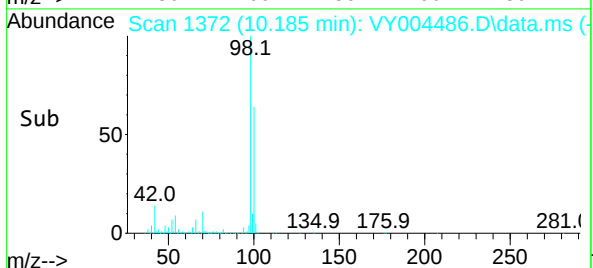
Tgt Ion: 88 Resp: 13913  
Ion Ratio Lower Upper  
88 100  
43 34.9 31.7 47.5  
58 64.0 55.7 83.5



#50  
Toluene-d8  
Concen: 55.74 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



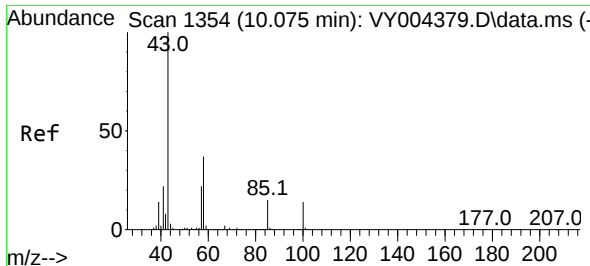
Tgt Ion: 98 Resp: 330995  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

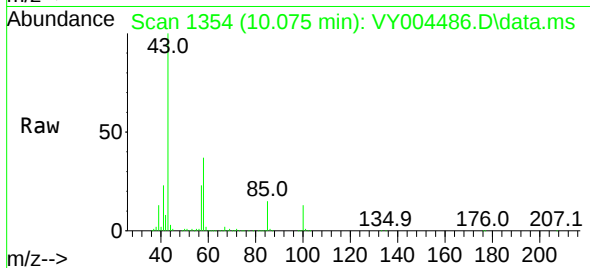
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#51  
4-Methyl-2-Pentanone  
Concen: 280.02 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

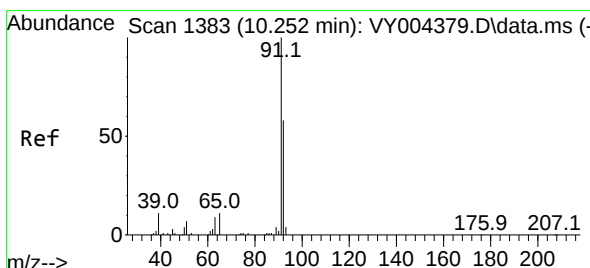
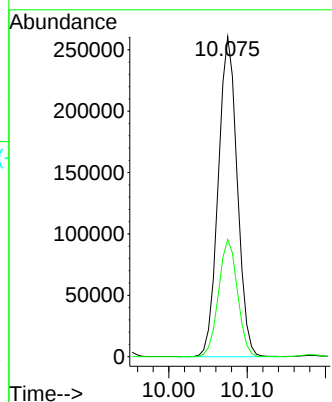
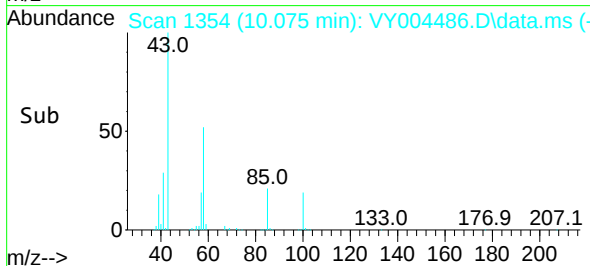
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



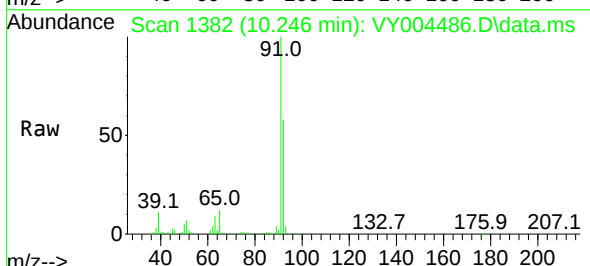
Tgt Ion: 43 Resp: 438907  
Ion Ratio Lower Upper  
43 100  
58 36.5 29.2 43.8

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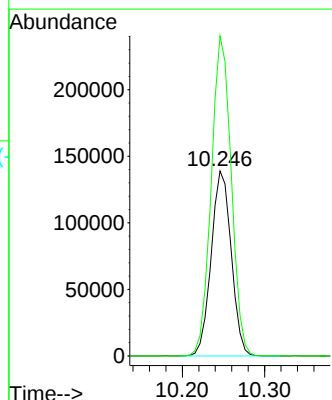
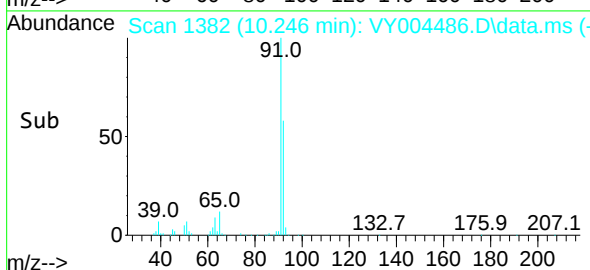
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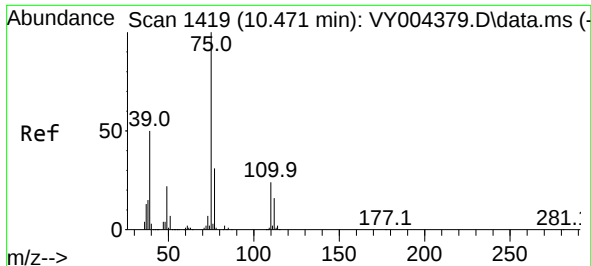


#52  
Toluene  
Concen: 51.70 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



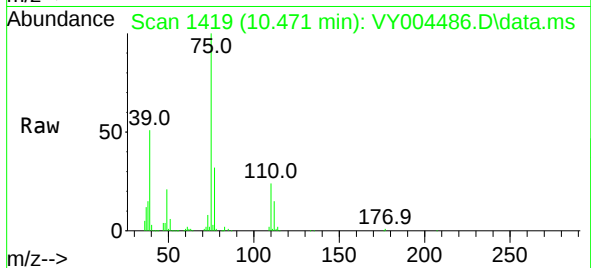
Tgt Ion: 92 Resp: 234980  
Ion Ratio Lower Upper  
92 100  
91 172.9 137.8 206.6





#53  
t-1,3-Dichloropropene  
Concen: 53.21 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

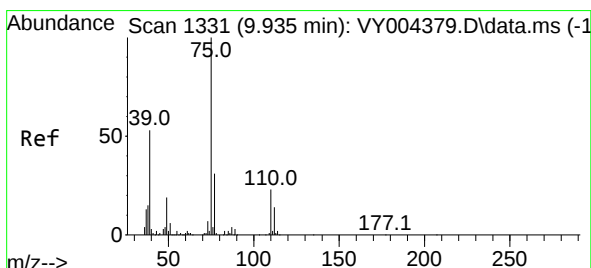
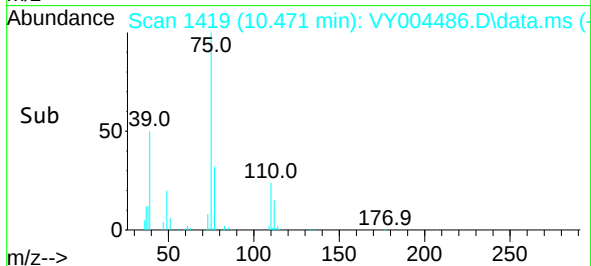
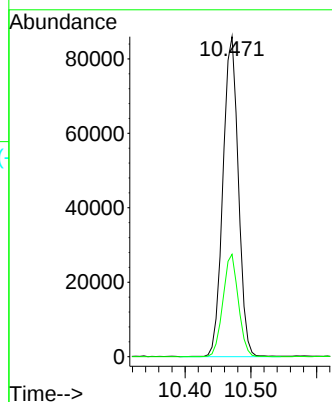
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 75 Resp: 140236  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.2 37.8

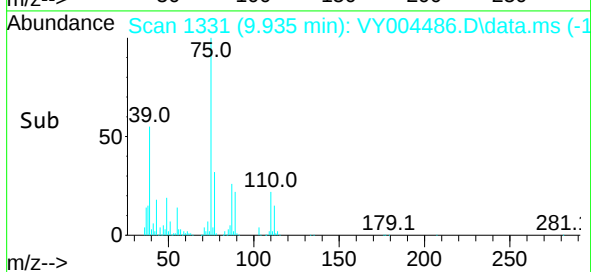
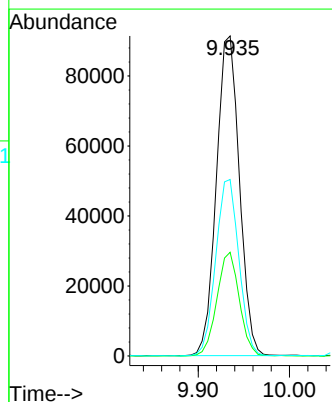
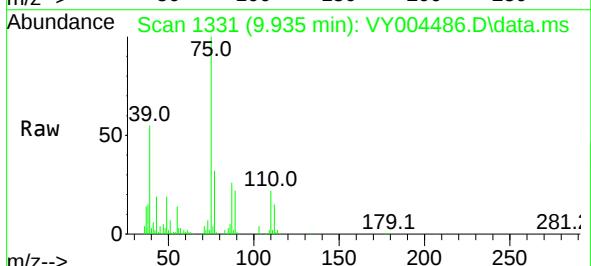
Manual Integrations  
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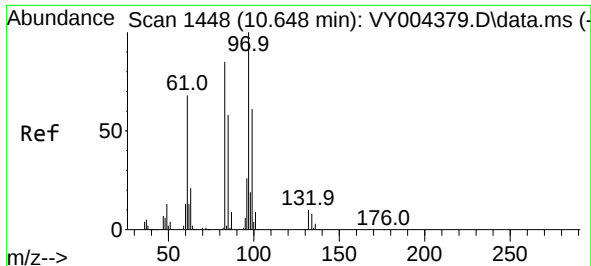
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#54  
cis-1,3-Dichloropropene  
Concen: 53.45 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 75 Resp: 159985  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.6 37.0  
39 55.2 42.1 63.1





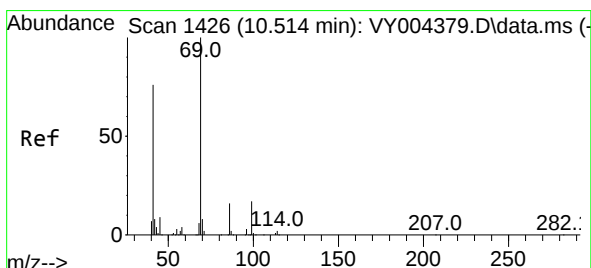
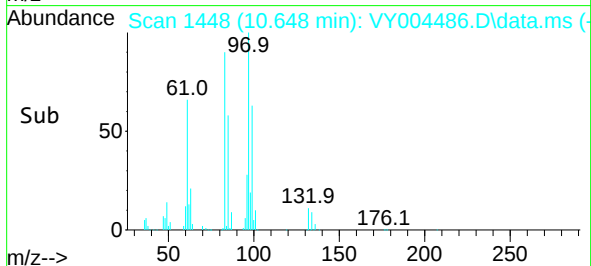
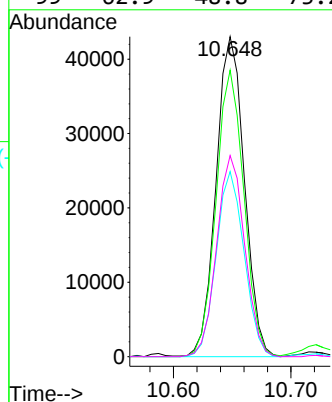
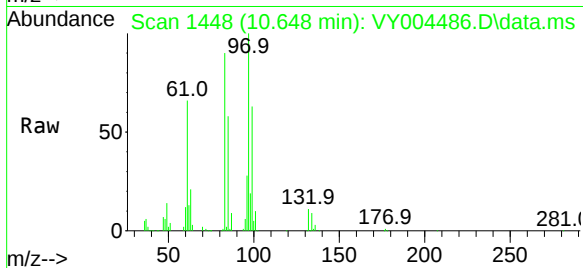
#55  
1,1,2-Trichloroethane  
Concen: 53.01 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 72092 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.5  | 68.4  | 102.6 |
| 85       | 57.8  | 46.2  | 69.4  |
| 99       | 62.9  | 48.8  | 73.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

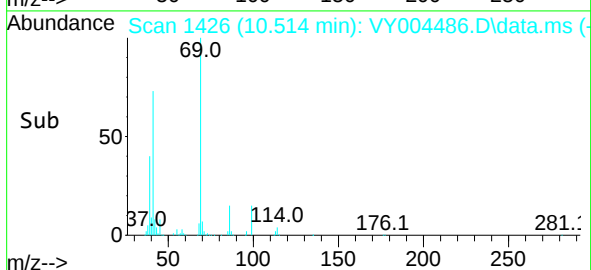
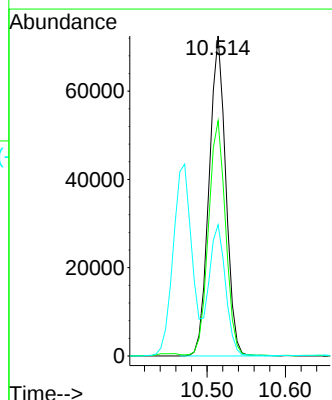
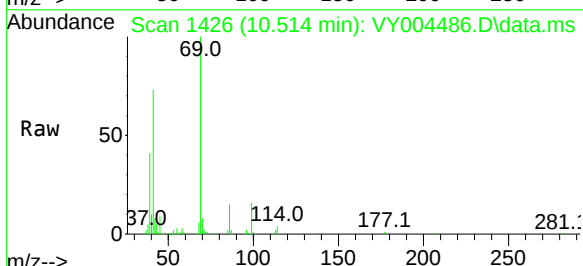
Manual Integrations  
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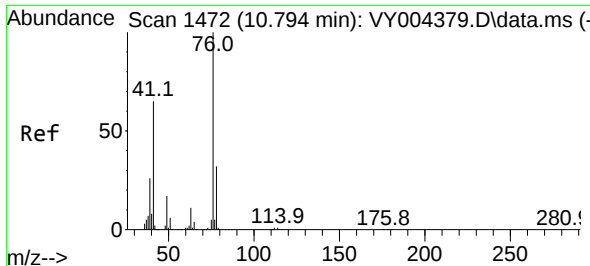
MMDadoda  
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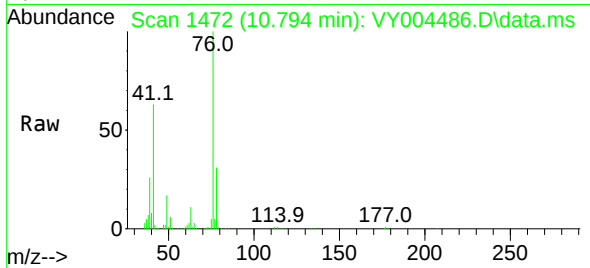
#56  
Ethyl methacrylate  
Concen: 54.26 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 107010 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.3  | 59.2  | 88.8   |
| 39       | 41.4  | 31.0  | 46.6   |

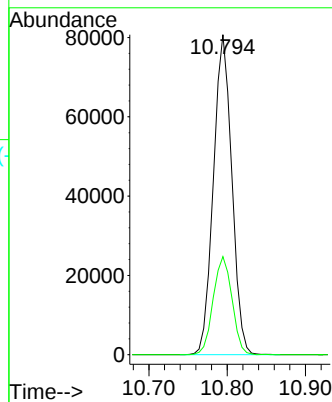
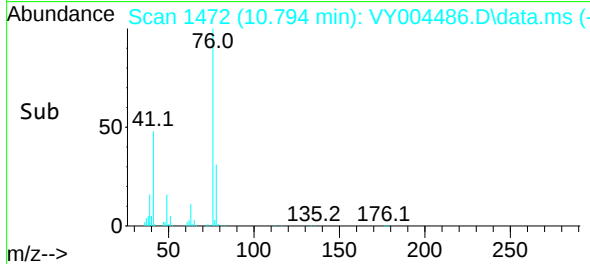




#57  
1,3-Dichloropropane  
Concen: 54.29 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



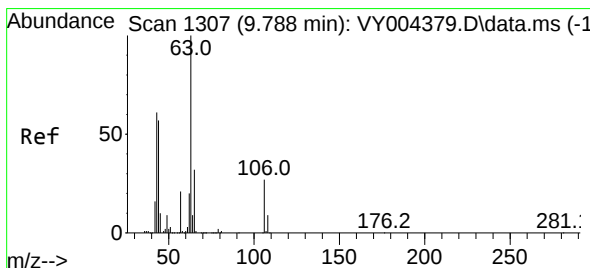
Tgt Ion: 76 Resp: 131754  
Ion Ratio Lower Upper  
76 100  
78 31.3 25.9 38.9



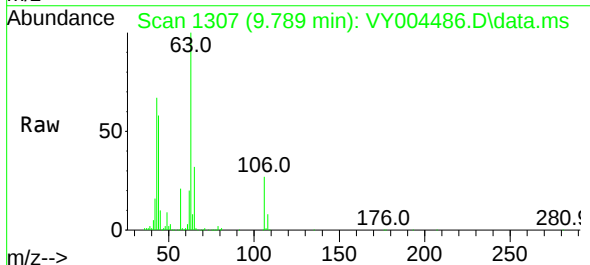
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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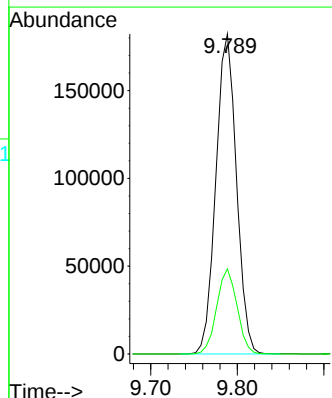
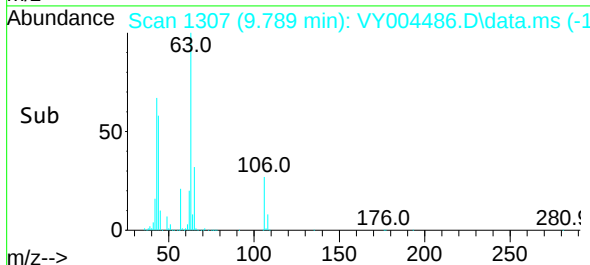
MMDadoda  
4/20/2021 9:45:21 AM

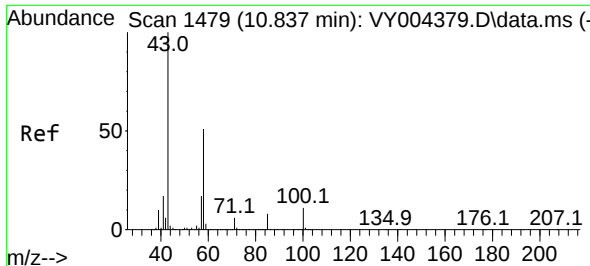


#58  
2-Chloroethyl Vinyl ether  
Concen: 297.73 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



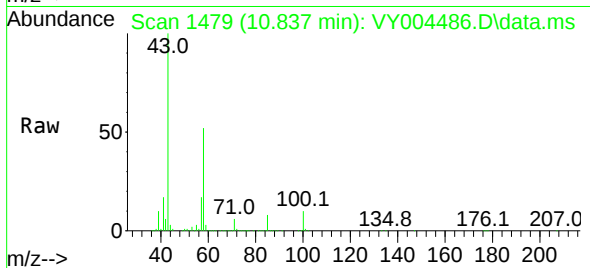
Tgt Ion: 63 Resp: 300427  
Ion Ratio Lower Upper  
63 100  
106 26.2 21.7 32.5





#59  
2-Hexanone  
Concen: 280.31 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

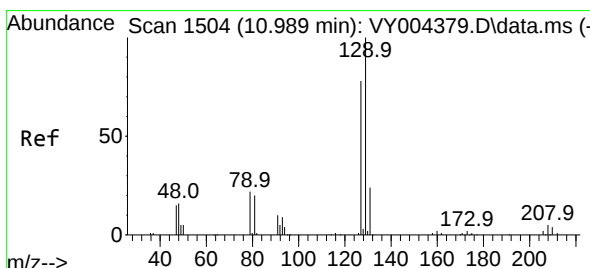
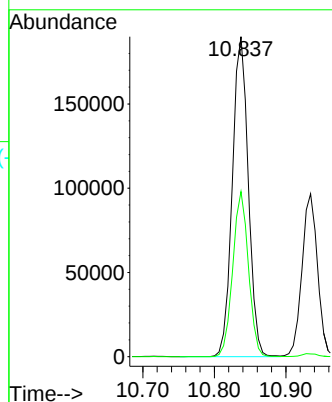
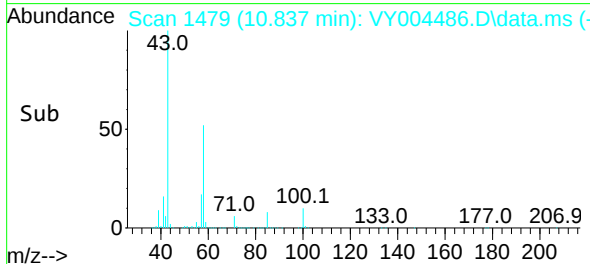
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050



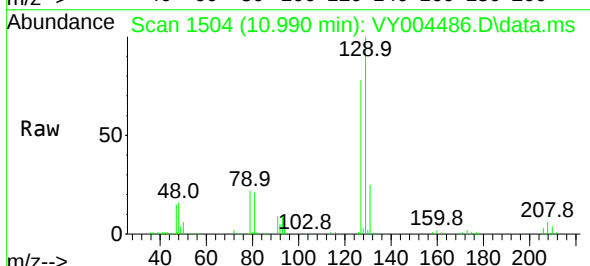
Tgt Ion: 43 Resp: 294531  
Ion Ratio Lower Upper  
43 100  
58 50.5 25.4 76.4

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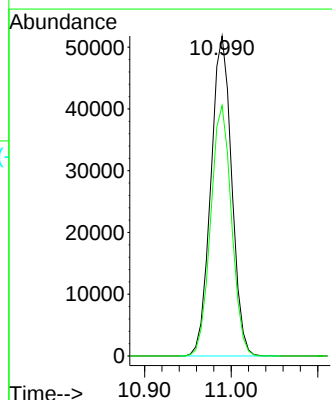
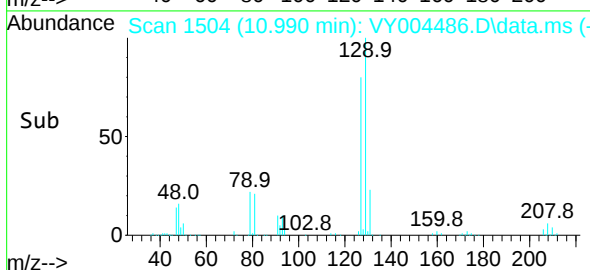
MMDadoda  
4/20/2021 9:45:21 AM

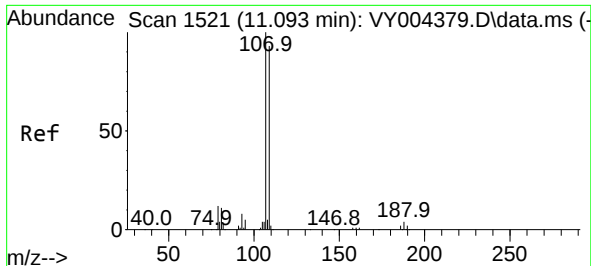


#60  
Dibromochloromethane  
Concen: 53.51 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



Tgt Ion: 129 Resp: 86475  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.9 116.7





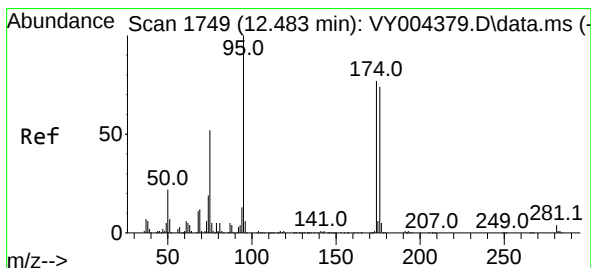
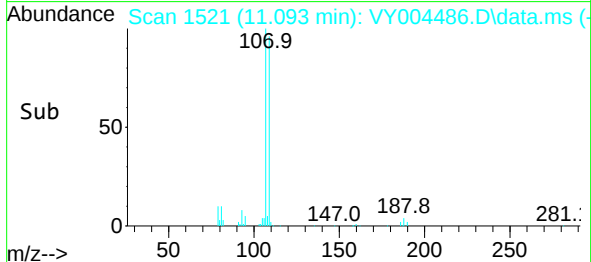
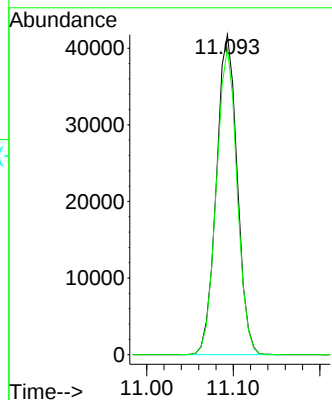
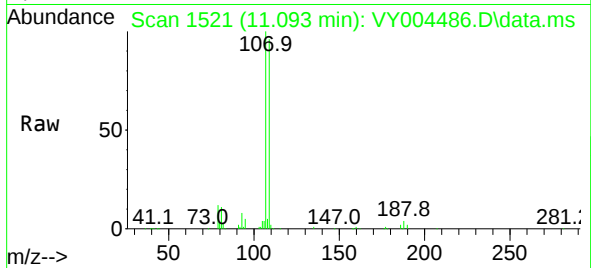
#61  
1,2-Dibromoethane  
Concen: 53.18 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 107 Resp: 69731  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.5 113.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

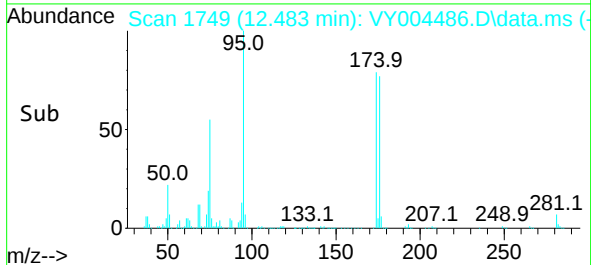
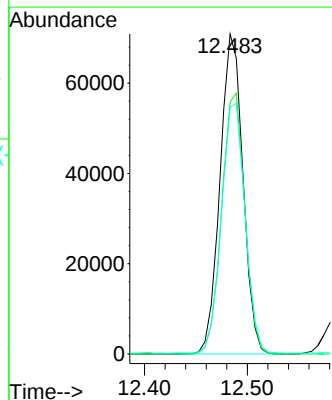
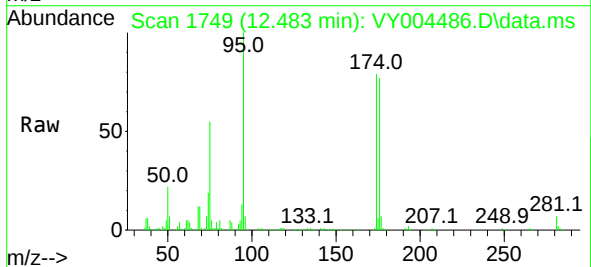
Manual Integrations  
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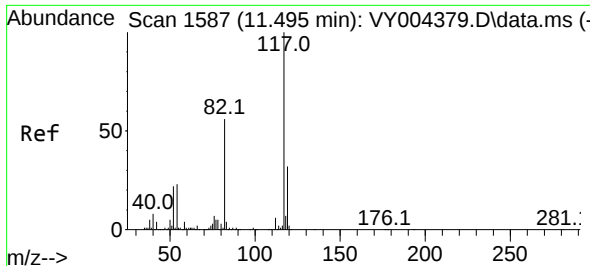
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#62  
4-Bromofluorobenzene  
Concen: 54.29 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

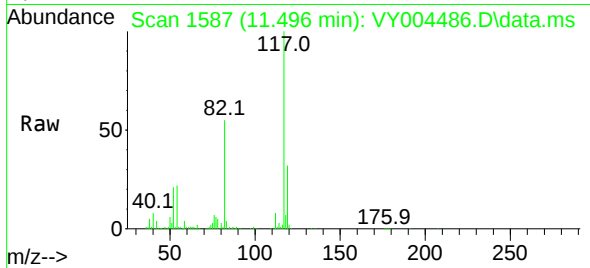
Tgt Ion: 95 Resp: 109384  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 162.4  
176 80.8 0.0 156.0





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

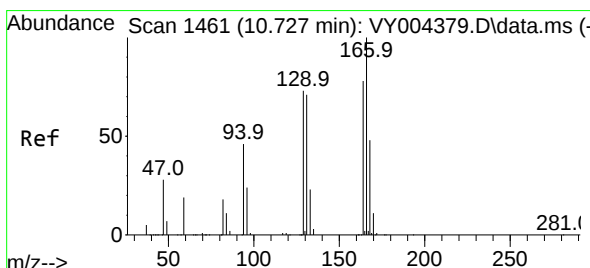
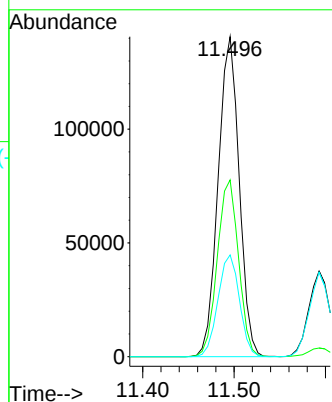
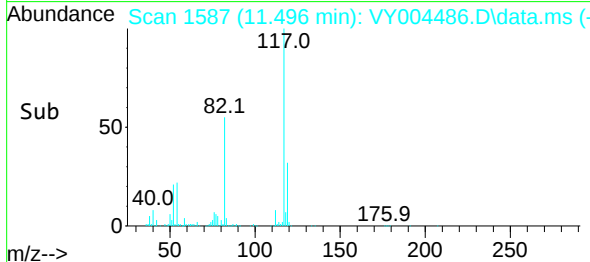
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050



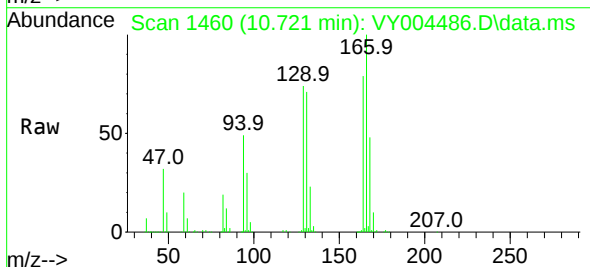
Tgt Ion:117 Resp: 225144  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.9 67.3  
119 31.8 25.4 38.0

Manual Integrations  
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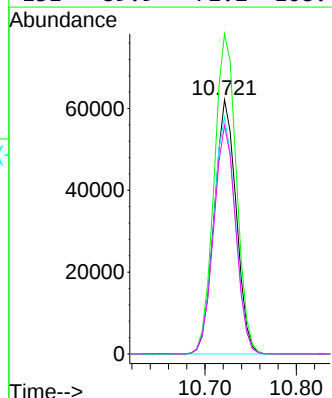
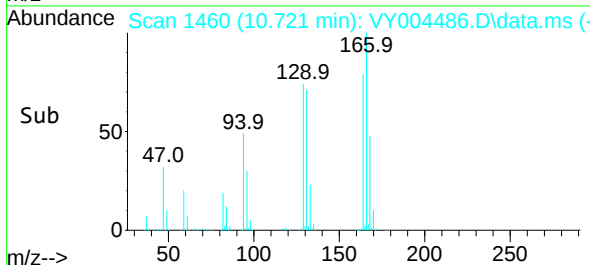
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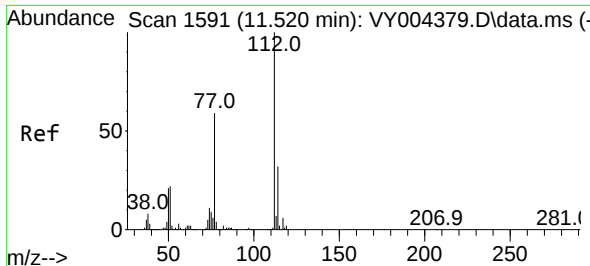


#64  
Tetrachloroethene  
Concen: 52.85 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



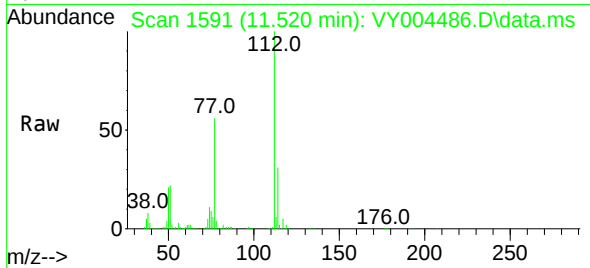
Tgt Ion:164 Resp: 103587  
Ion Ratio Lower Upper  
164 100  
166 125.9 102.1 153.1  
129 93.2 74.8 112.2  
131 89.9 72.2 108.4



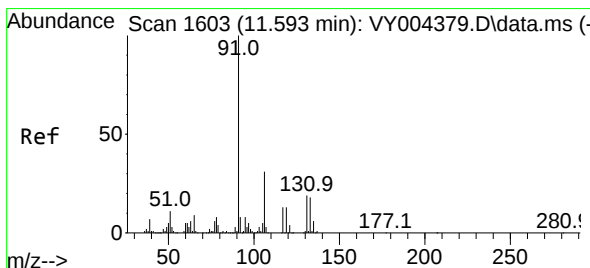
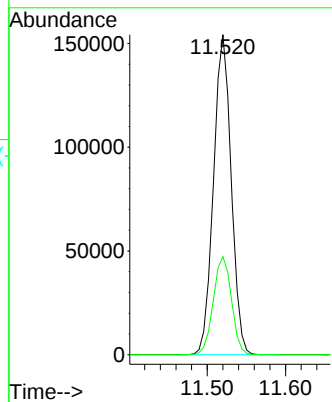
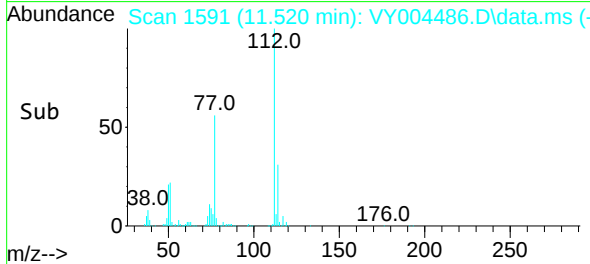


#65  
Chlorobenzene  
Concen: 52.56 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

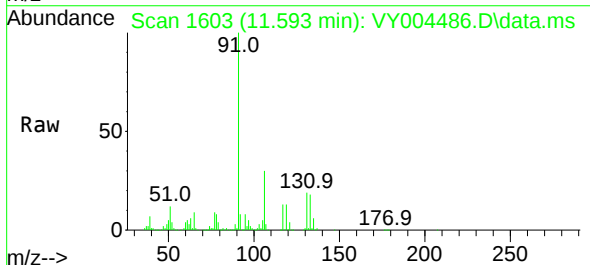
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



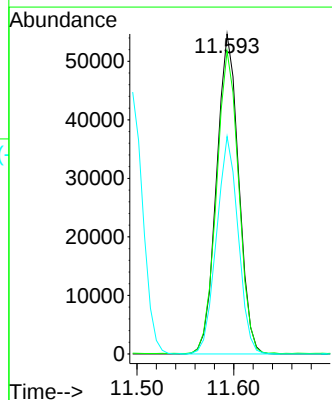
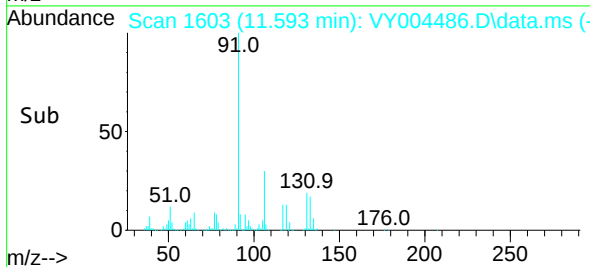
Tgt Ion:112 Resp: 241484  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.8 38.6

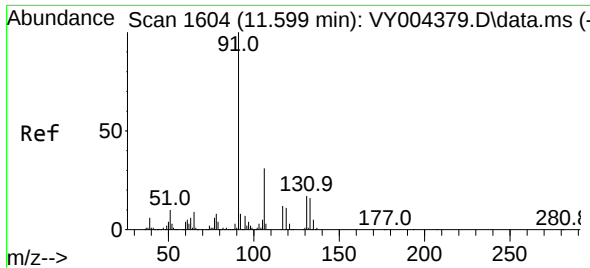


#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.81 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



Tgt Ion:131 Resp: 86604  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.6 142.9  
119 66.6 32.6 98.0





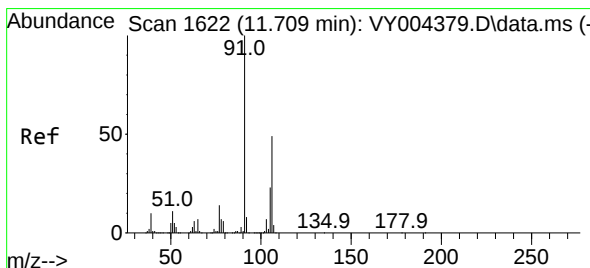
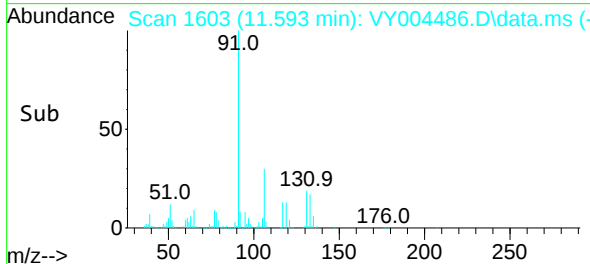
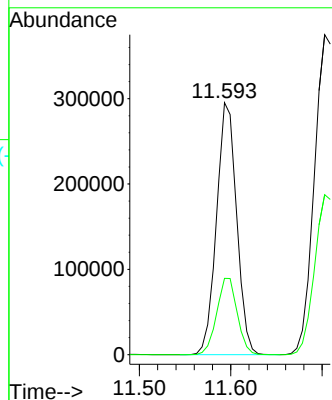
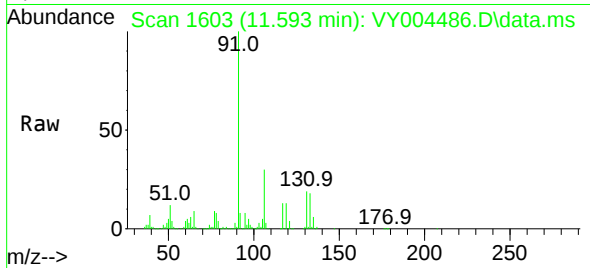
#67  
Ethyl Benzene  
Concen: 52.55 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 91 Resp: 451733  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.1 37.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

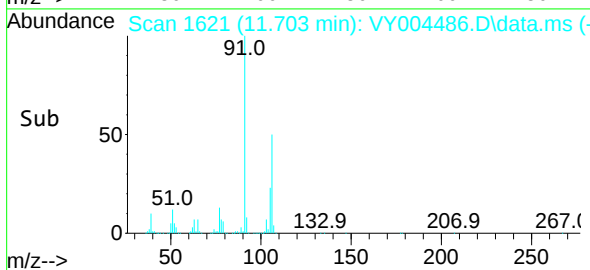
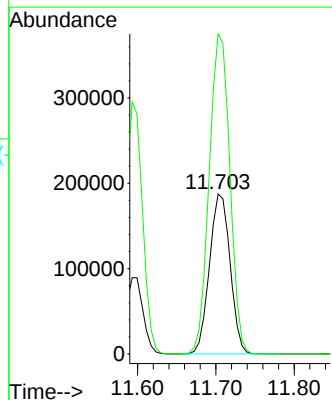
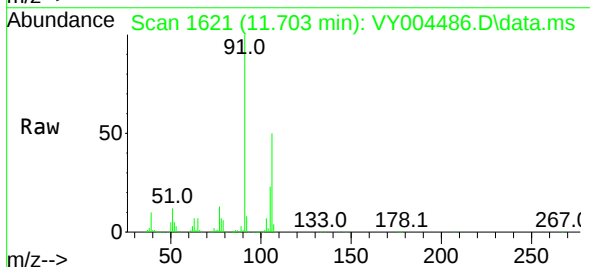
Manual Integrations  
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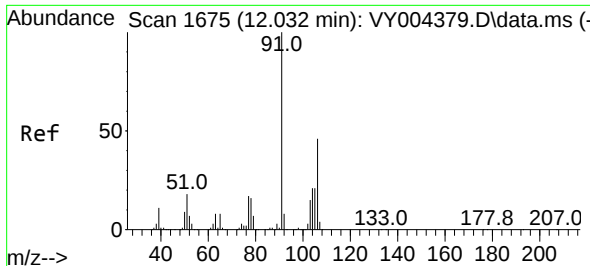
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#68  
m/p-Xylenes  
Concen: 107.35 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:106 Resp: 342909  
Ion Ratio Lower Upper  
106 100  
91 200.2 163.2 244.8





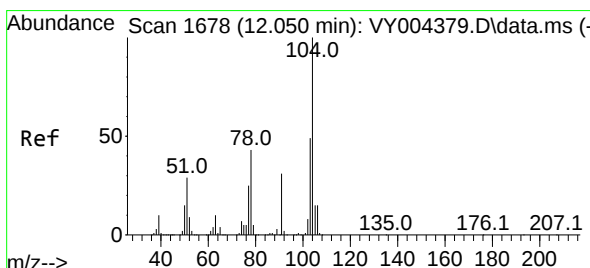
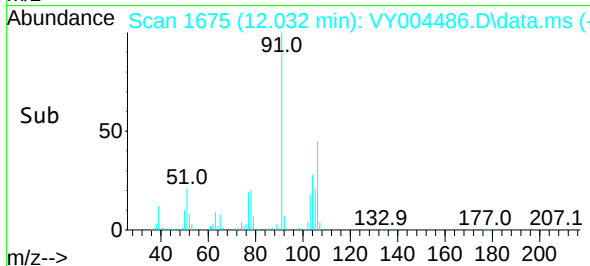
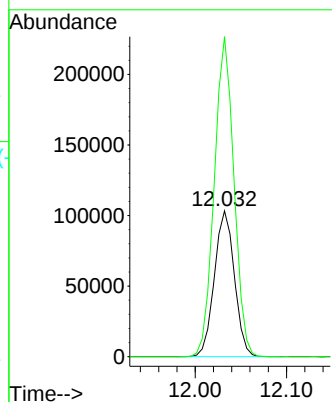
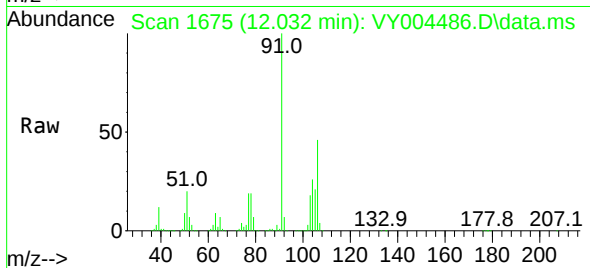
#69  
o-Xylene  
Concen: 52.61 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 157488  
Ion Ratio Lower Upper  
106 100  
91 216.1 107.4 322.2

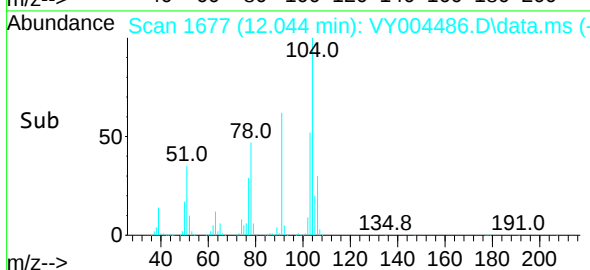
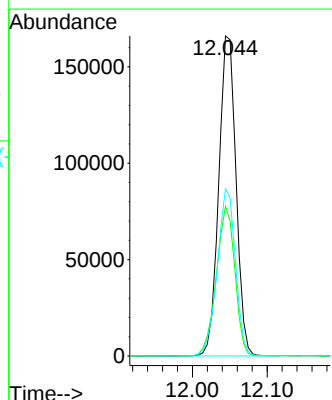
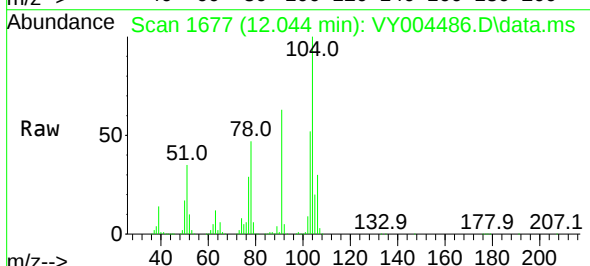
Manual Integrations  
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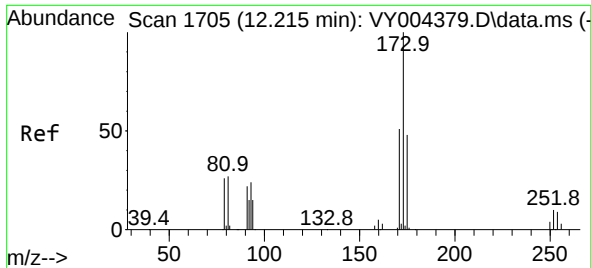
MMDadoda  
4/20/2021 9:45:21 AM



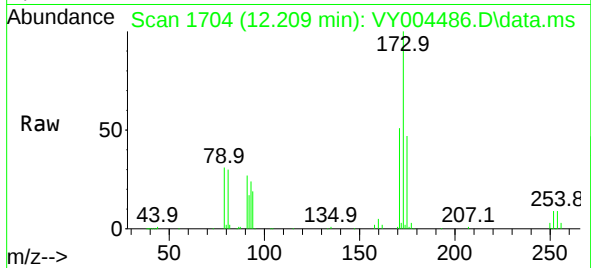
#70  
Styrene  
Concen: 53.68 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:104 Resp: 266183  
Ion Ratio Lower Upper  
104 100  
78 50.3 39.9 59.9  
103 55.2 43.4 65.2

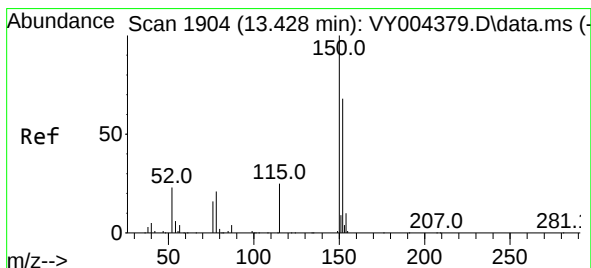
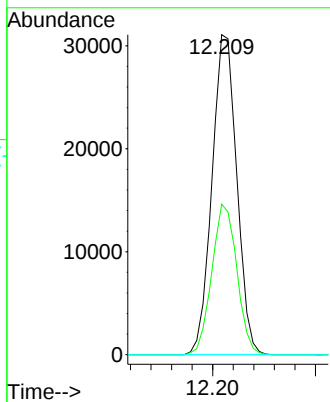
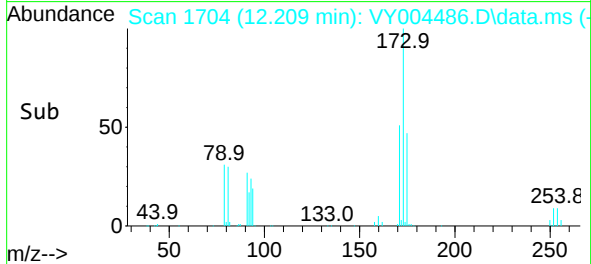




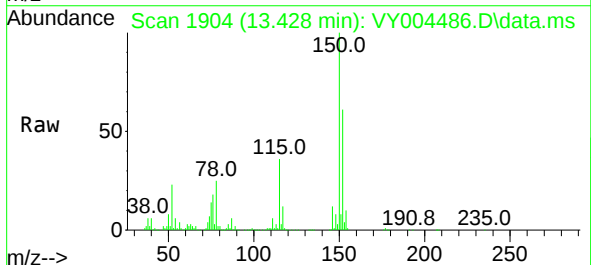
#71  
Bromoform  
Concen: 53.45 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



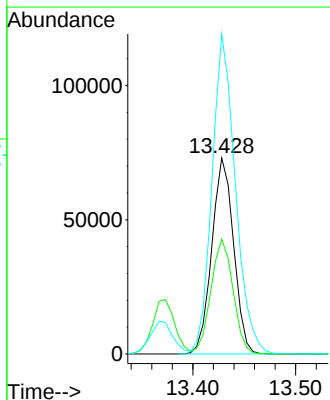
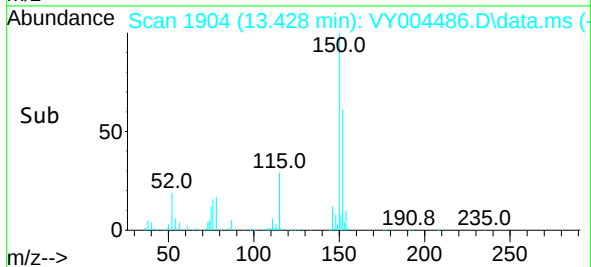
Tgt Ion:173 Resp: 51991  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.3 72.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



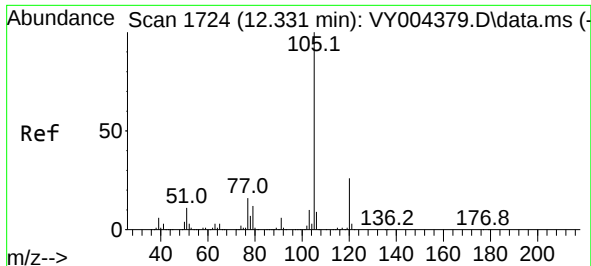
Tgt Ion:152 Resp: 107408  
Ion Ratio Lower Upper  
152 100  
115 59.3 29.6 88.8  
150 175.2 0.0 348.4



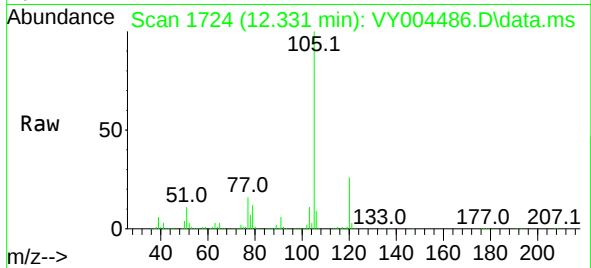
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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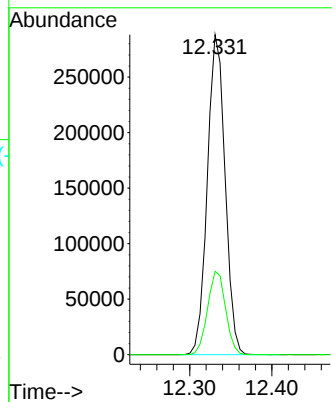
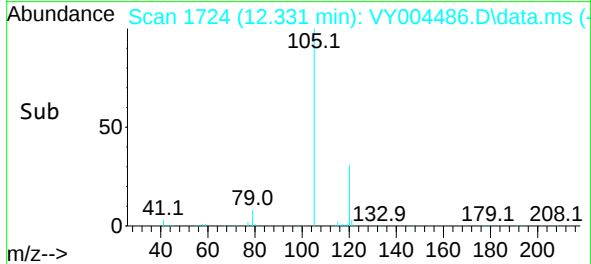
MMDadoda  
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#73  
Isopropylbenzene  
Concen: 51.96 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



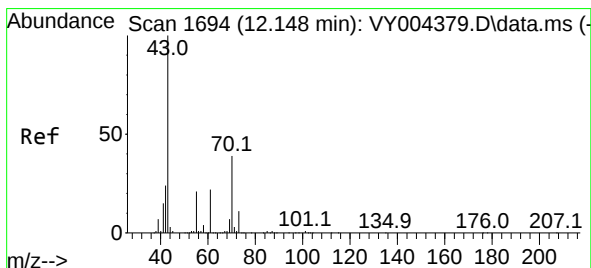
Tgt Ion: 105 Resp: 431276  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.5



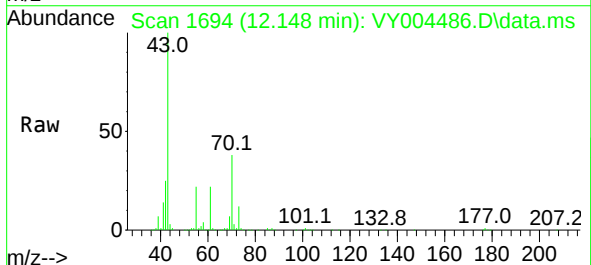
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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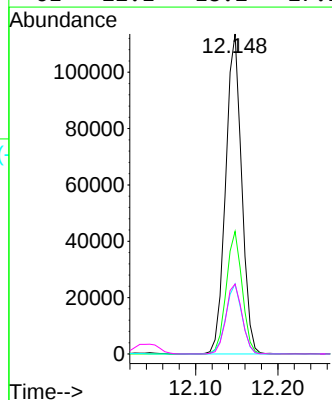
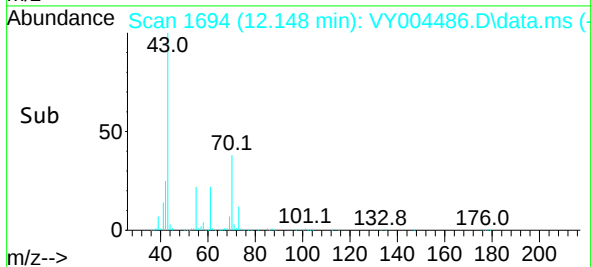
MMDadoda  
4/20/2021 9:45:21 AM

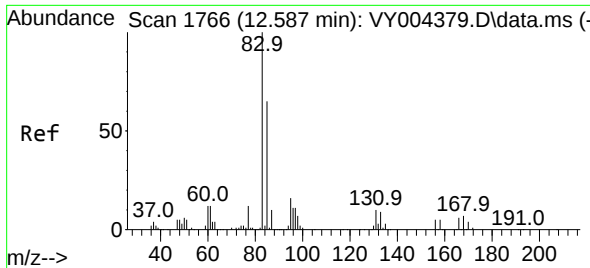


#74  
N-ethyl acetate  
Concen: 55.09 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

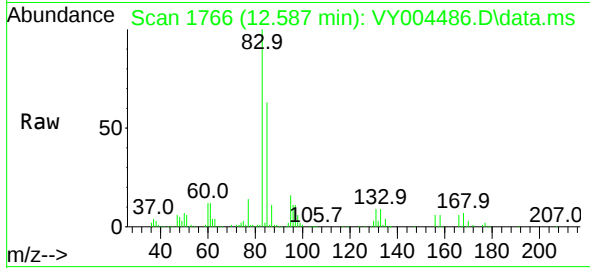


Tgt Ion: 43 Resp: 153942  
Ion Ratio Lower Upper  
43 100  
70 37.9 30.4 45.6  
55 22.1 17.4 26.0  
61 22.1 18.2 27.2

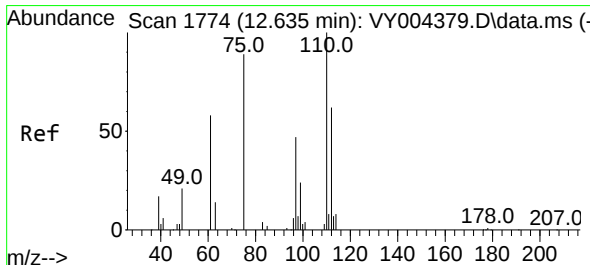
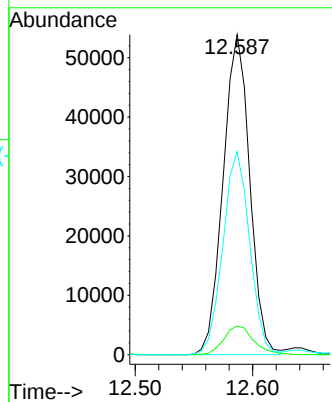
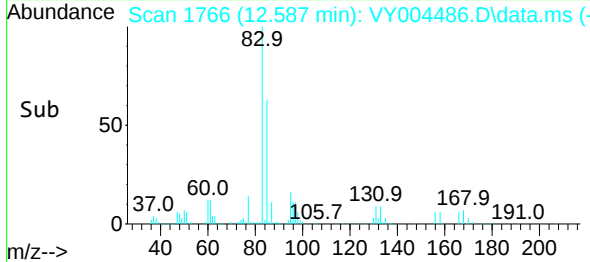




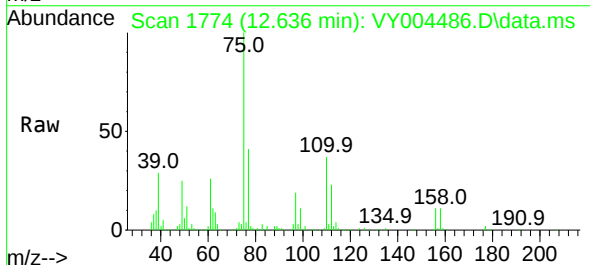
#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.06 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



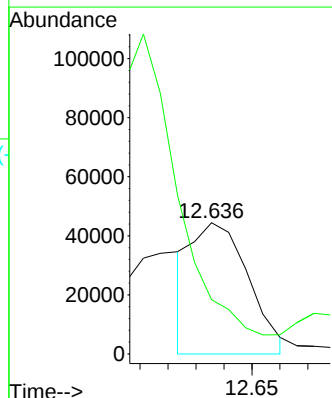
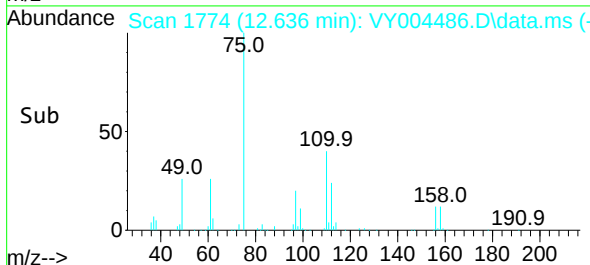
Tgt Ion: 83 Resp: 84890  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.1 15.4  
85 63.7 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 54.47 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



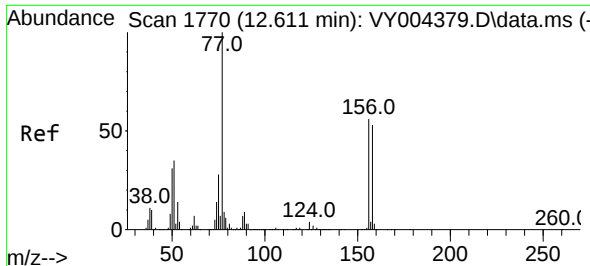
Tgt Ion: 75 Resp: 62796  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



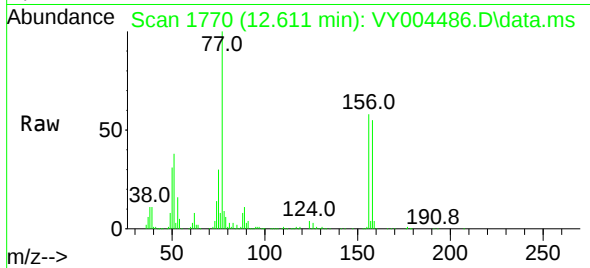
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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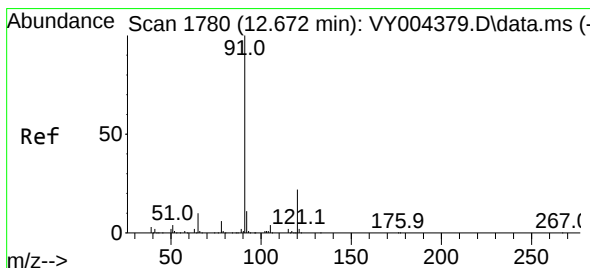
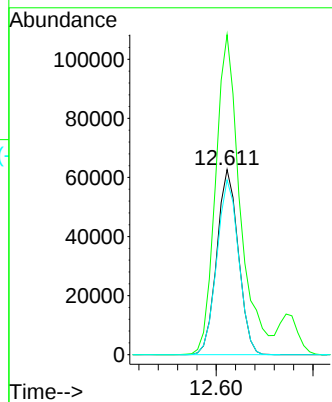
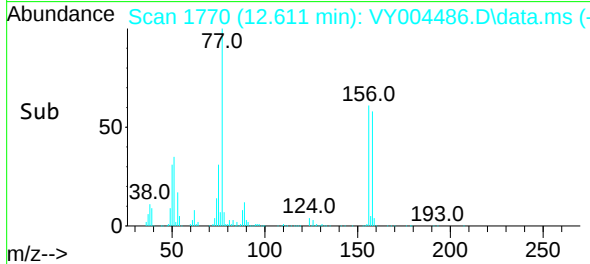
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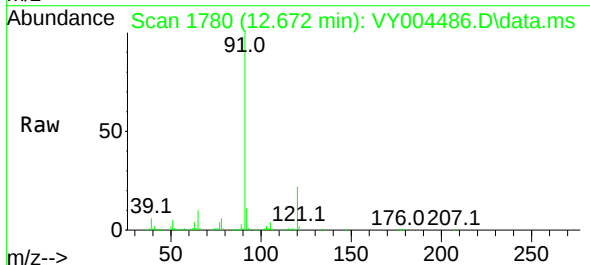
#77  
Bromobenzene  
Concen: 51.92 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



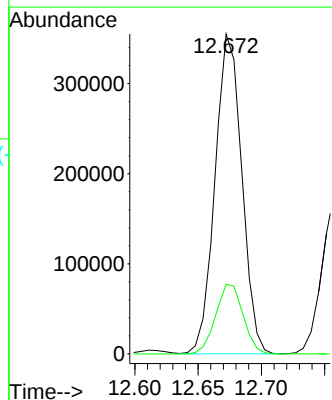
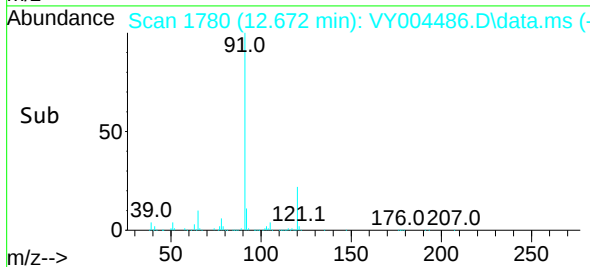
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 195.1 | 98.6  | 295.7 |
| 158     | 96.0  | 48.4  | 145.2 |



#78  
n-propylbenzene  
Concen: 53.17 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



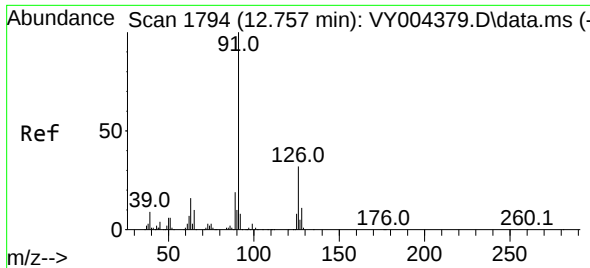
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.4  | 11.5  | 34.4  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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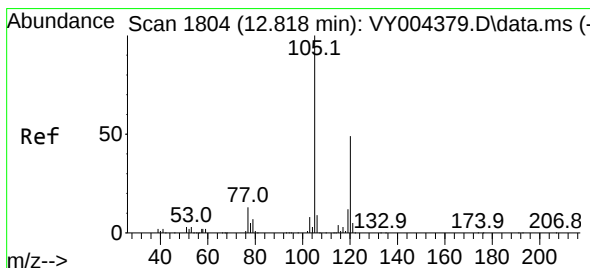
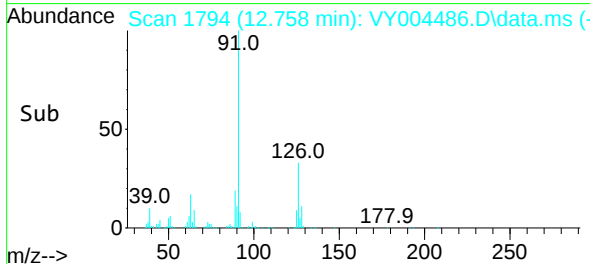
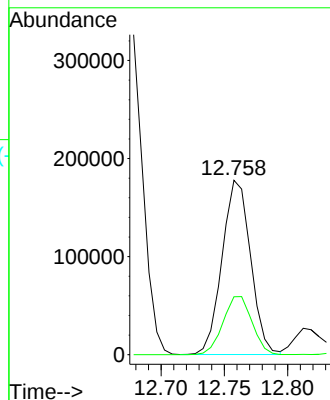
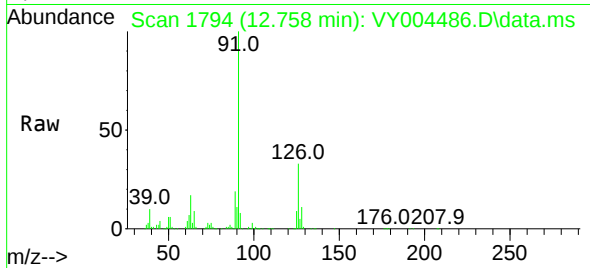
#79  
2-Chlorotoluene  
Concen: 52.06 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 91 Resp: 279154  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.7 50.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

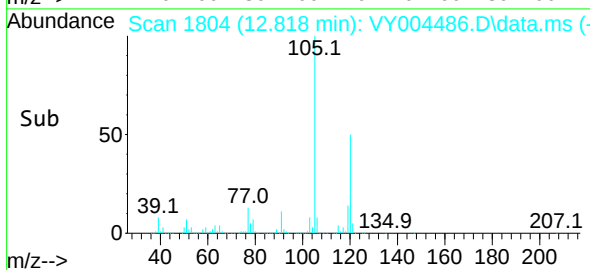
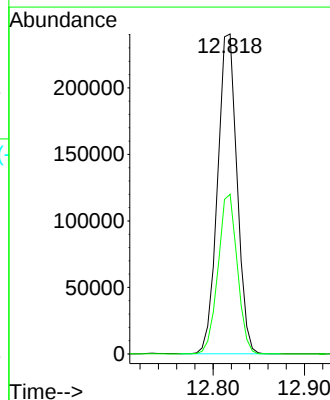
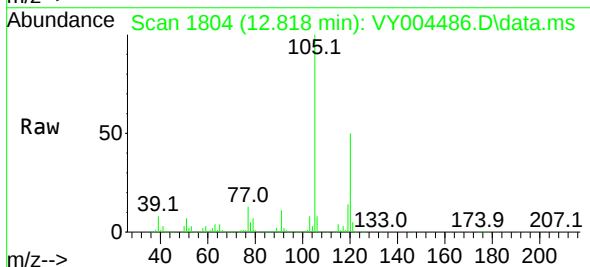
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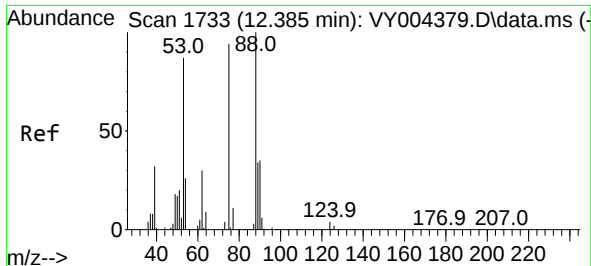
MMDadoda  
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#80  
1,3,5-Trimethylbenzene  
Concen: 52.80 ug/l  
RT: 12.818 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 105 Resp: 356200  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.6 74.0





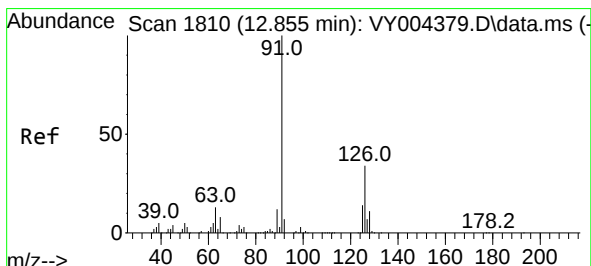
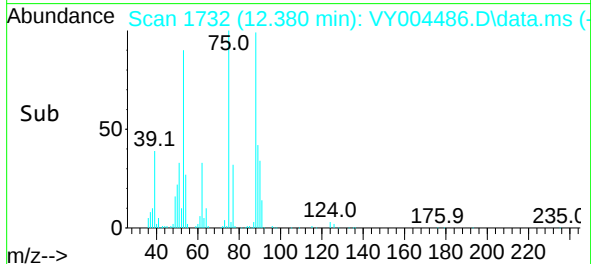
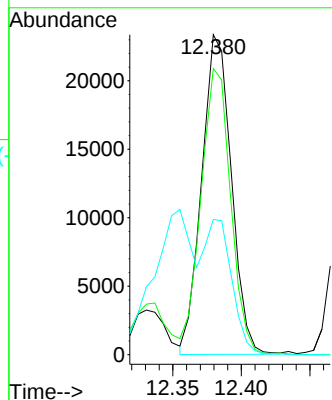
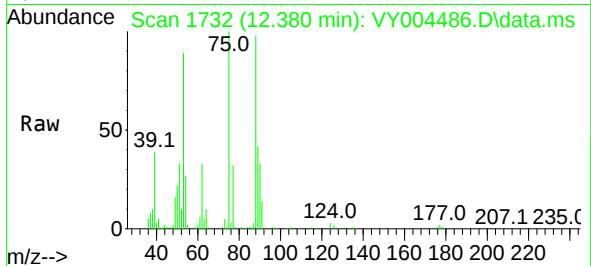
#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.52 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 75 Resp: 35130  
Ion Ratio Lower Upper  
75 100  
53 89.6 75.0 112.6  
89 39.7 36.1 54.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

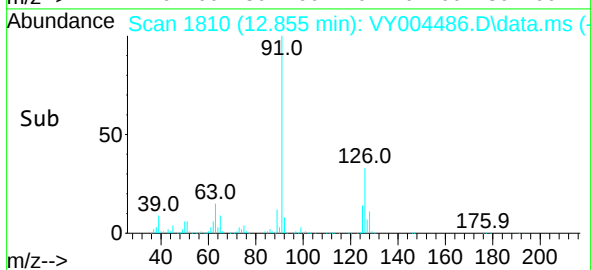
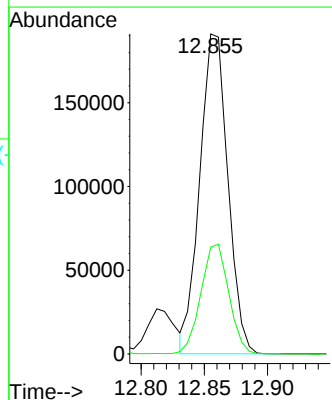
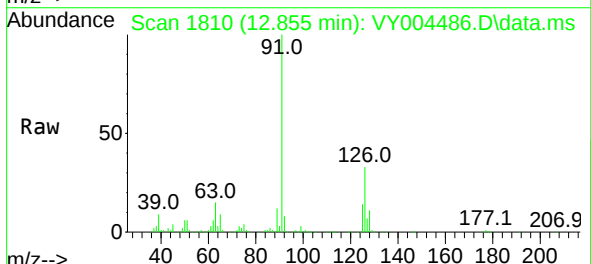
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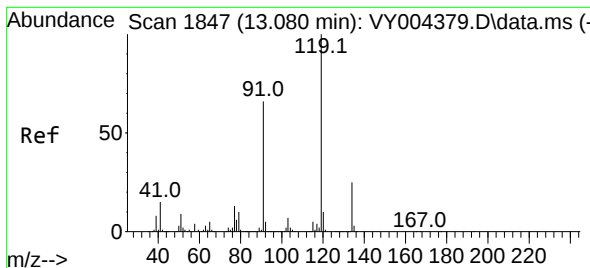
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 52.13 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion: 91 Resp: 295190  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.9 50.7





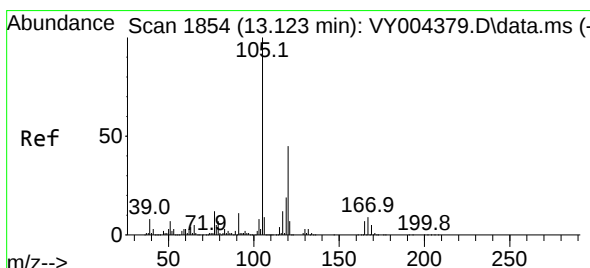
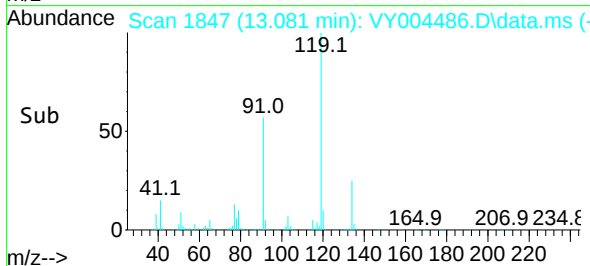
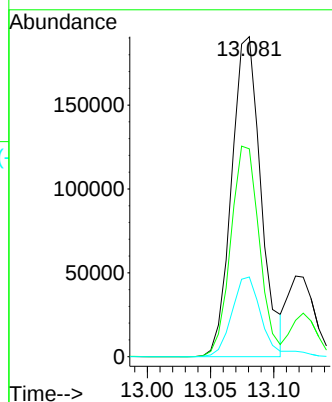
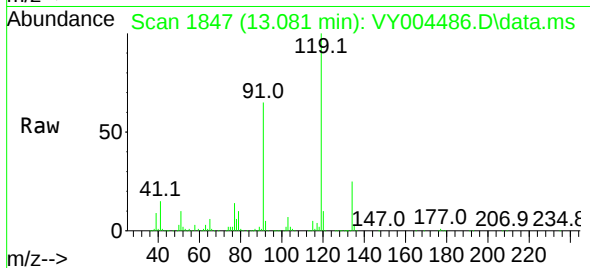
#83  
tert-Butylbenzene  
Concen: 53.25 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:119 Resp: 307485  
Ion Ratio Lower Upper  
119 100  
91 64.4 32.6 98.0  
134 25.7 12.9 38.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

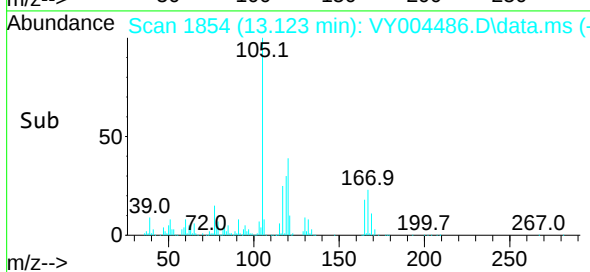
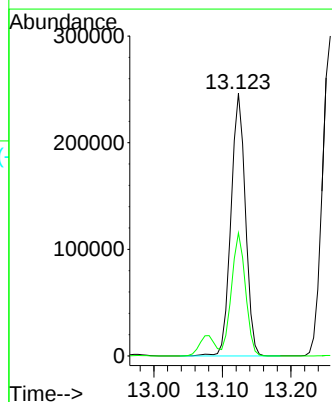
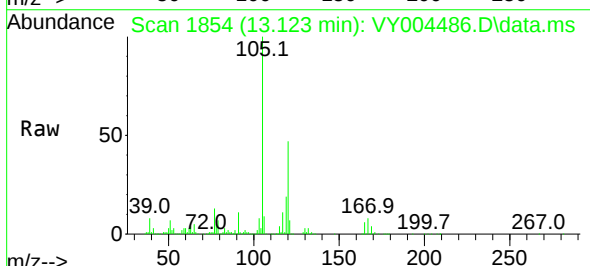
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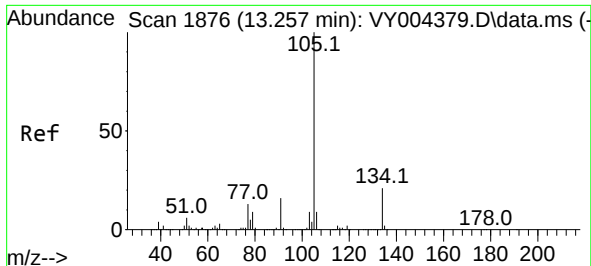
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#84  
1,2,4-Trimethylbenzene  
Concen: 52.77 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

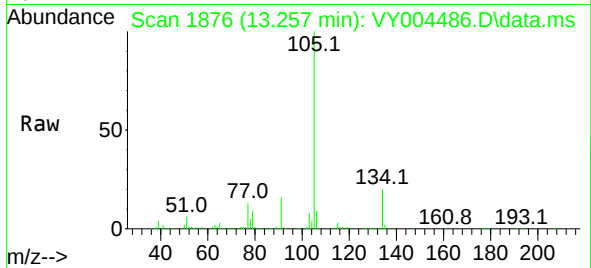
Tgt Ion:105 Resp: 359219  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 54.14 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004486.D  
 Acq: 19 Apr 2021 09:57

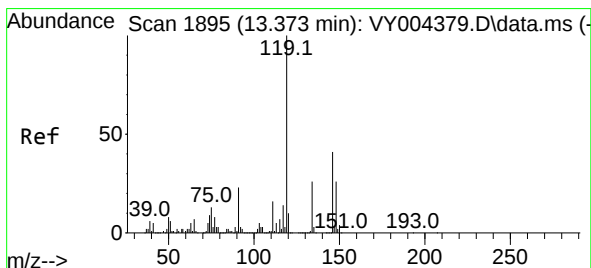
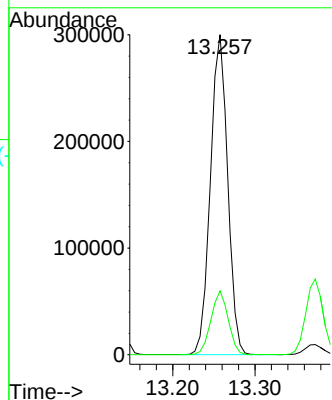
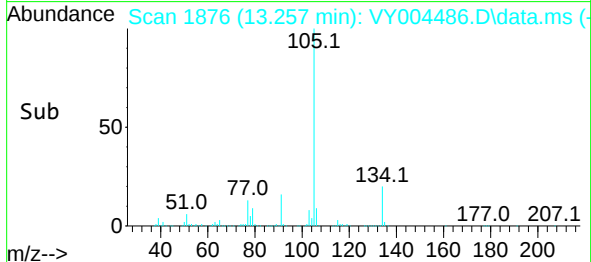
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050



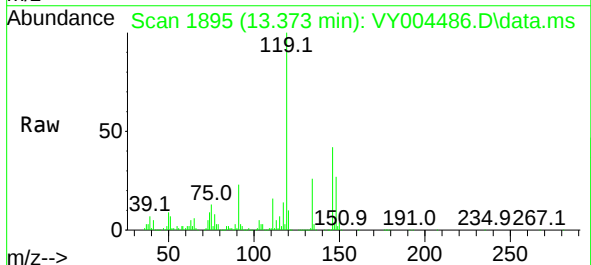
Tgt Ion:105 Resp: 436026  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.3

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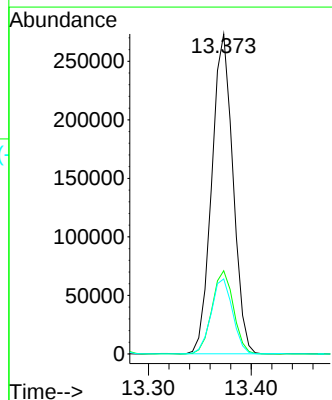
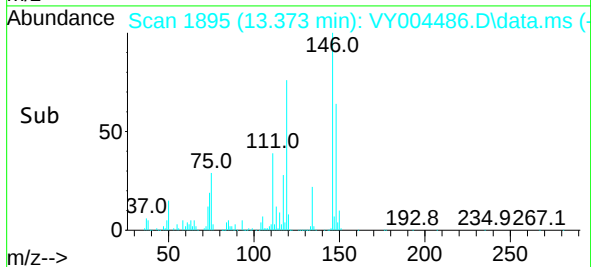
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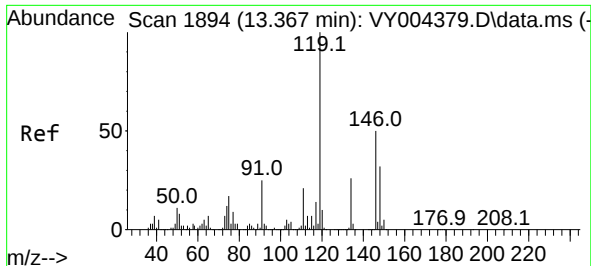


#86  
 p-Isopropyltoluene  
 Concen: 53.23 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004486.D  
 Acq: 19 Apr 2021 09:57



Tgt Ion:119 Resp: 390012  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.3 39.8  
 91 23.7 11.9 35.7





#87

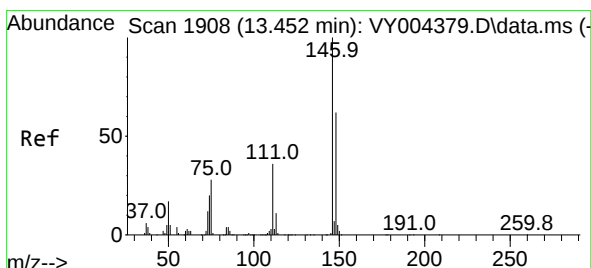
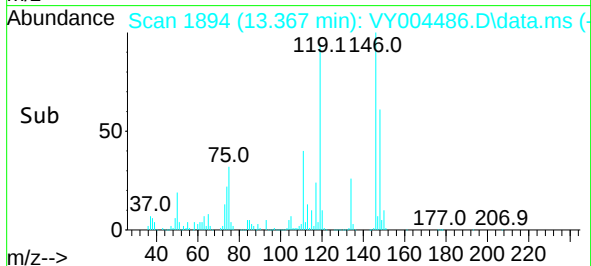
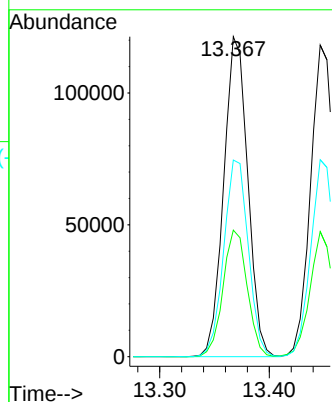
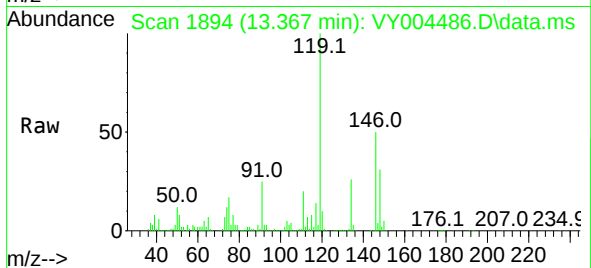
1,3-Dichlorobenzene  
Concen: 53.26 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:146 Resp: 185052  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.4 61.2  
148 62.8 32.1 96.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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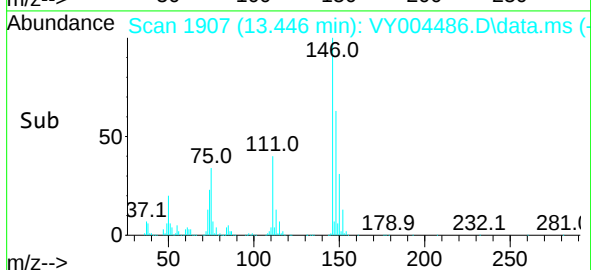
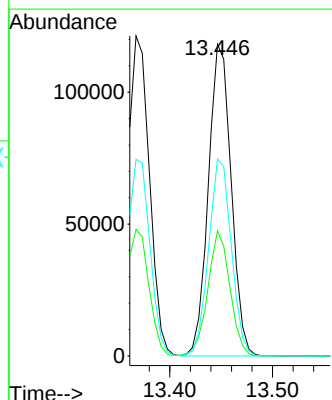
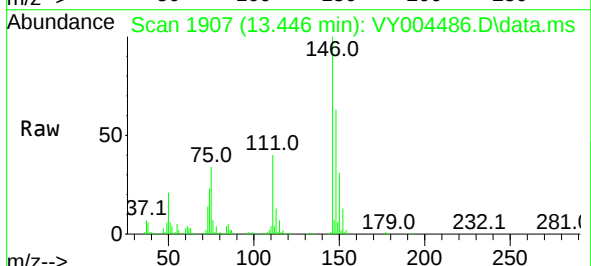
MMDadoda  
4/20/2021 9:45:21 AM

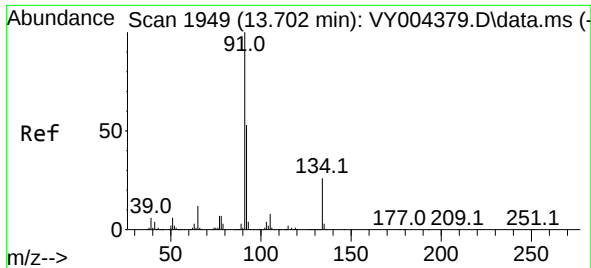


#88

1,4-Dichlorobenzene  
Concen: 52.08 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:146 Resp: 182155  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.6 58.8  
148 63.1 31.9 95.5





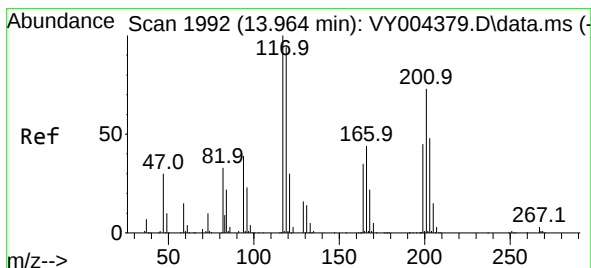
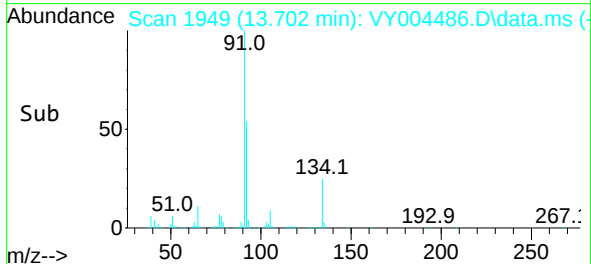
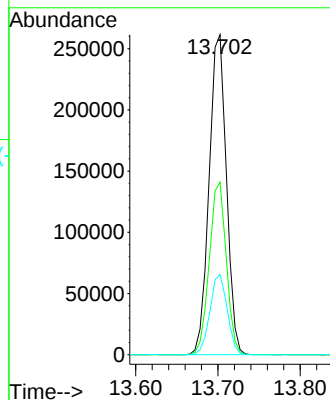
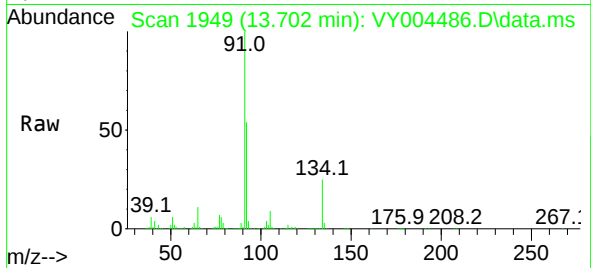
#89  
n-Butylbenzene  
Concen: 54.65 ug/l  
RT: 13.702 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

| Tgt Ion:  | 91  | Resp: | 382175 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | 26.6   |
|           | 92  | Upper | 79.8   |
|           | 134 | 25.1  | 38.1   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

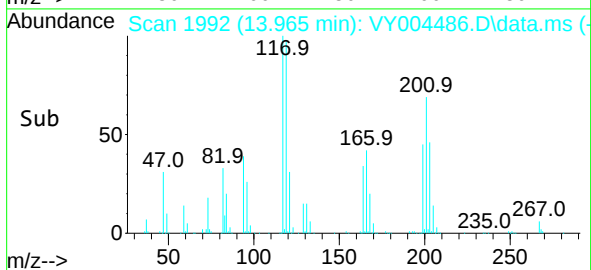
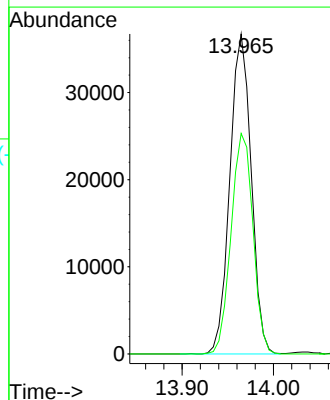
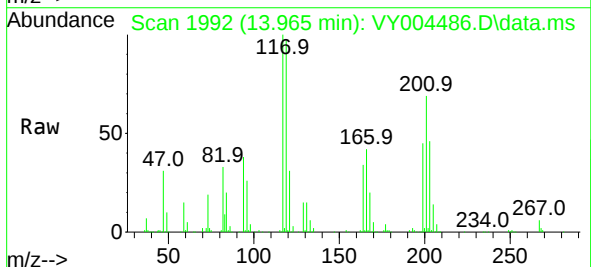
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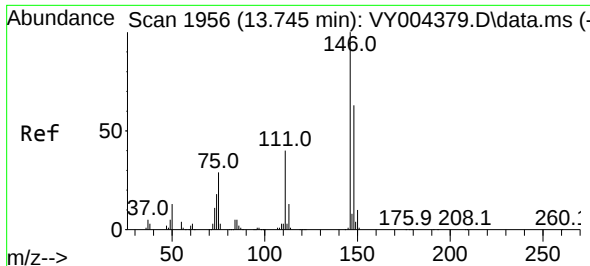
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#90  
Hexachloroethane  
Concen: 60.63 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

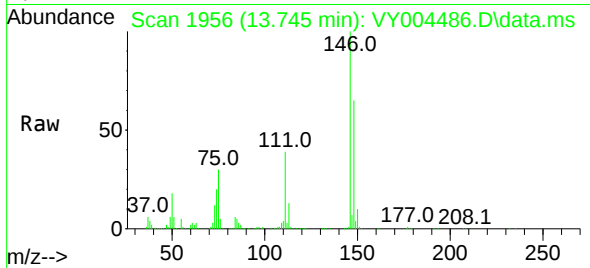
| Tgt Ion:  | 117 | Resp: | 59599 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | 36.6  |
|           | 201 | Upper | 109.9 |





#91  
1,2-Dichlorobenzene  
Concen: 52.71 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

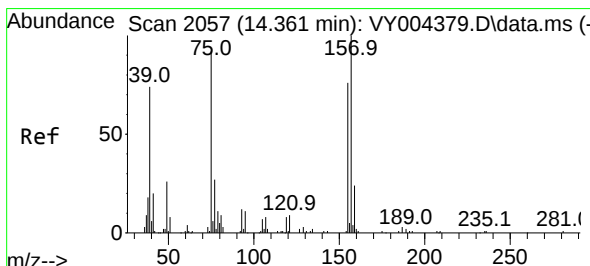
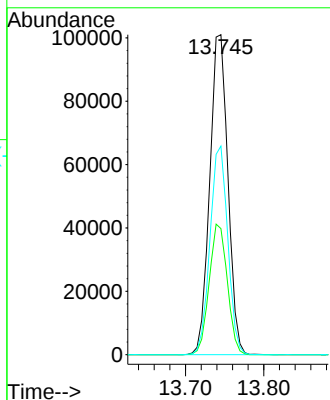
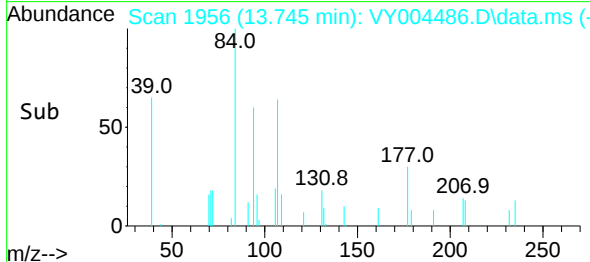
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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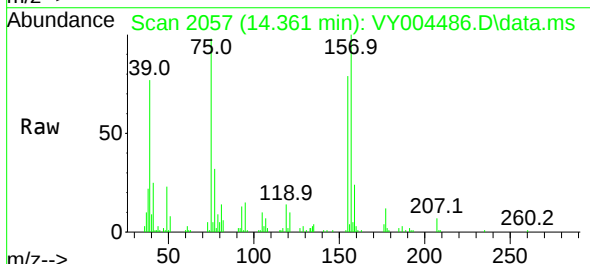
Tgt Ion:146 Resp: 162589  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.9 62.7  
148 64.0 31.9 95.5

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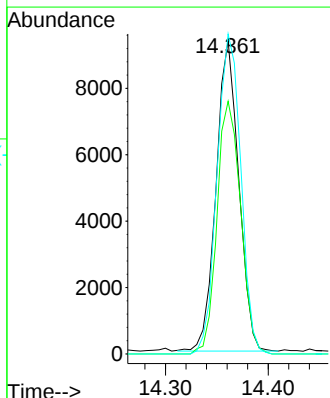
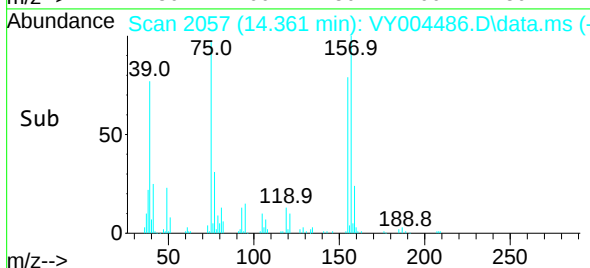
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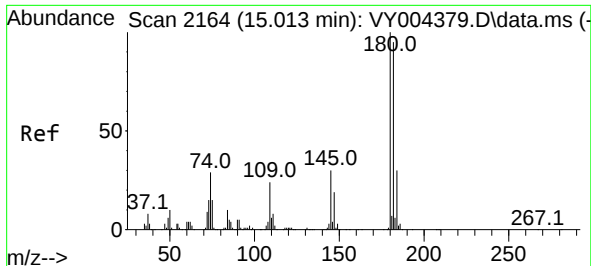


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.72 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

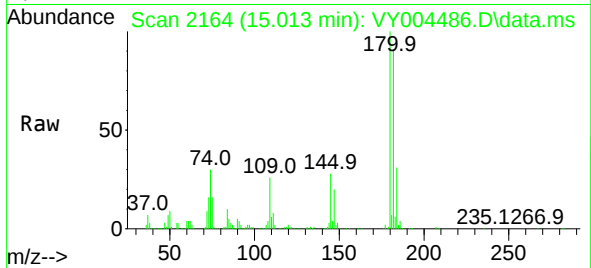


Tgt Ion: 75 Resp: 14293  
Ion Ratio Lower Upper  
75 100  
155 84.9 40.6 121.8  
157 107.8 53.0 159.0

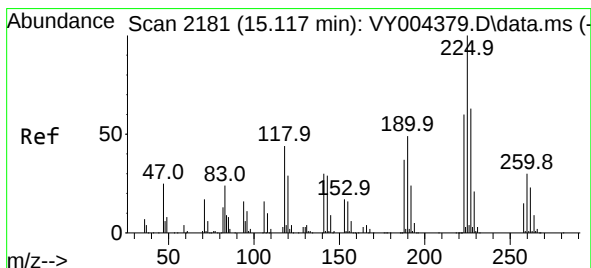
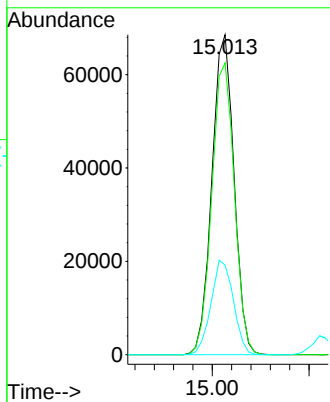
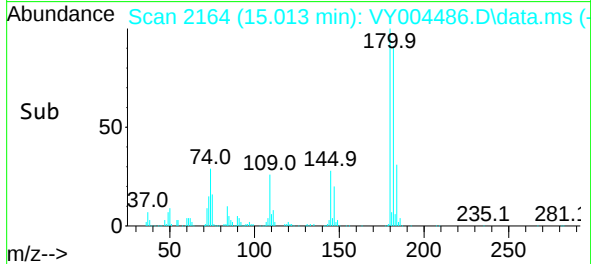




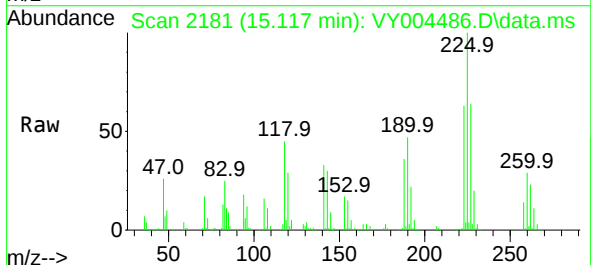
#93  
1,2,4-Trichlorobenzene  
Concen: 53.27 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



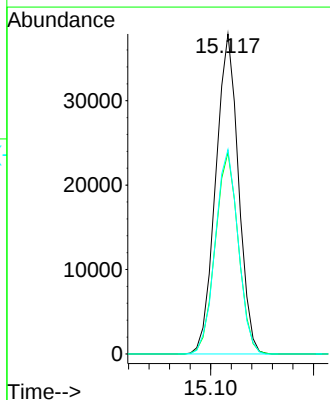
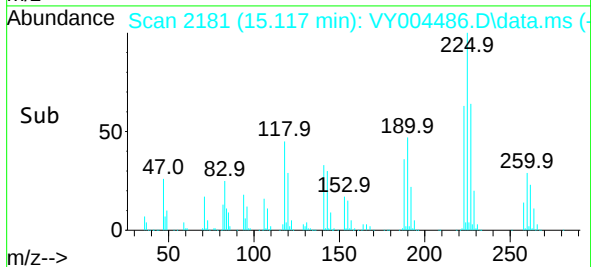
Tgt Ion:180 Resp: 108646  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.3 141.8  
145 30.0 15.5 46.5



#94  
Hexachlorobutadiene  
Concen: 54.56 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57



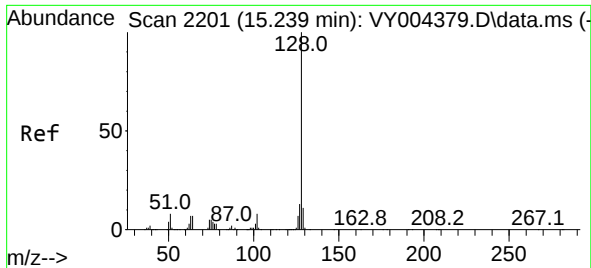
Tgt Ion:225 Resp: 58094  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.3 93.9  
227 64.2 32.2 96.6



Instrument :  
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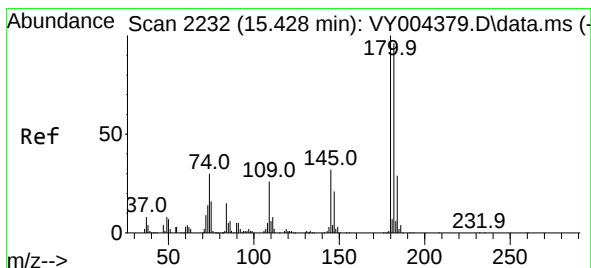
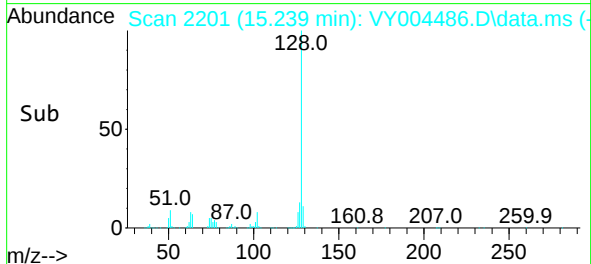
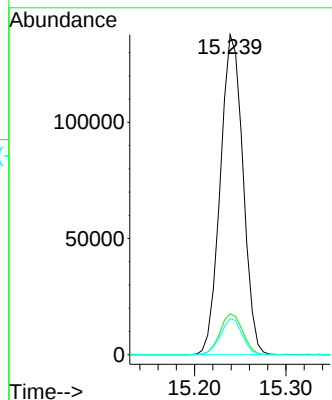
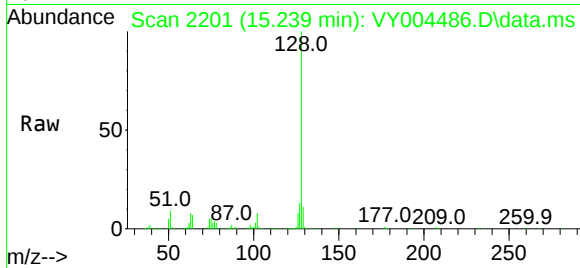
#95  
Naphthalene  
Concen: 53.47 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:128 Resp: 237076  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.8 8.8 13.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.74 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004486.D  
Acq: 19 Apr 2021 09:57

Tgt Ion:180 Resp: 94888  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.6 142.8  
145 32.4 16.3 48.8

