

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052121\  
 Data File : VW019043.D  
 Acq On : 20 May 2021 10:41  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda

5/21/2021 1:48:53 PM

Quant Time: May 21 05:01:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 20 03:59:48 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.952  | 168  | 404806   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 655311   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 593544   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 290275   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 231900   | 51.54  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 103.08% |          |
| 35) Dibromofluoromethane     | 7.885  | 113  | 211329   | 51.72  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 103.44% |          |
| 50) Toluene-d8               | 10.323 | 98   | 851184   | 52.47  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 104.94% |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 306995   | 51.62  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 103.24% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.014  | 85   | 132432   | 48.59  | ug/l    | 96       |
| 3) Chloromethane             | 2.215  | 50   | 159785   | 52.84  | ug/l    | 100      |
| 4) Vinyl Chloride            | 2.367  | 62   | 252441   | 56.81  | ug/l    | 99       |
| 5) Bromomethane              | 2.782  | 94   | 200115   | 53.75  | ug/l    | 94       |
| 6) Chloroethane              | 2.928  | 64   | 161712   | 52.99  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 3.257  | 101  | 144961   | 59.32  | ug/l    | 98       |
| 8) Diethyl Ether             | 3.684  | 74   | 111335   | 52.38  | ug/l    | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.074  | 101  | 215213   | 54.45  | ug/l    | 99       |
| 10) Methyl Iodide            | 4.282  | 142  | 314150   | 54.15  | ug/l    | 99       |
| 11) Tert butyl alcohol       | 5.184  | 59   | 57485    | 260.40 | ug/l    | 98       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 223934   | 55.54  | ug/l    | 91       |
| 13) Acrolein                 | 3.898  | 56   | 65156    | 238.95 | ug/l    | 98       |
| 14) Allyl chloride           | 4.666  | 41   | 299886   | 57.17  | ug/l    | 99       |
| 15) Acrylonitrile            | 5.367  | 53   | 208707   | 261.81 | ug/l    | 99       |
| 16) Acetone                  | 4.129  | 43   | 192262   | 296.18 | ug/l    | 99       |
| 17) Carbon Disulfide         | 4.385  | 76   | 635053   | 57.65  | ug/l    | 98       |
| 18) Methyl Acetate           | 4.672  | 43   | 97784    | 51.18  | ug/l    | 100      |
| 19) Methyl tert-butyl Ether  | 5.422  | 73   | 278403   | 55.00  | ug/l    | 98       |
| 20) Methylene Chloride       | 4.922  | 84   | 247200   | 52.62  | ug/l    | 98       |
| 21) trans-1,2-Dichloroethene | 5.422  | 96   | 247308   | 53.69  | ug/l    | 95       |
| 22) Diisopropyl ether        | 6.312  | 45   | 574172   | 53.81  | ug/l    | 98       |
| 23) Vinyl Acetate            | 6.251  | 43   | 1922515  | 267.76 | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 6.214  | 63   | 441741   | 53.46  | ug/l    | 99       |
| 25) 2-Butanone               | 7.171  | 43   | 277513   | 260.26 | ug/l    | 100      |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 249374   | 56.01  | ug/l    | 99       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 274644   | 53.73  | ug/l    | 99       |
| 28) Bromochloromethane       | 7.513  | 49   | 174432   | 51.89  | ug/l    | 100      |
| 29) Tetrahydrofuran          | 7.531  | 42   | 159997   | 256.57 | ug/l    | 99       |
| 30) Chloroform               | 7.677  | 83   | 450050   | 53.57  | ug/l    | 98       |
| 31) Cyclohexane              | 7.958  | 56   | 354722   | 51.33  | ug/l    | 98       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 349102   | 55.97  | ug/l    | 98       |
| 36) 1,1-Dichloropropene      | 8.080  | 75   | 359673   | 55.12  | ug/l    | 99       |
| 37) Ethyl Acetate            | 7.251  | 43   | 132659   | 52.55  | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 8.068  | 117  | 327574   | 56.96  | ug/l    | 99       |
| 39) Methylcyclohexane        | 9.336  | 83   | 406179   | 56.26  | ug/l    | 97       |
| 40) Benzene                  | 8.324  | 78   | 993583   | 54.47  | ug/l    | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda

5/21/2021 1:48:53 PM

Quant Time: May 21 05:01:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 20 03:59:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 79699    | 57.81   | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 293194   | 54.22   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.421  | 43   | 253227   | 53.79   | ug/l   | 100      |
| 44) Trichloroethene           | 9.092  | 130  | 261582   | 55.61   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 239737   | 54.33   | ug/l   | 100      |
| 46) Dibromomethane            | 9.457  | 93   | 129724   | 54.15   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.646  | 83   | 331099   | 55.60   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.433  | 41   | 117587   | 54.39   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.464  | 88   | 29587    | 1083.41 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 635380   | 260.46  | ug/l   | 100      |
| 52) Toluene                   | 10.384 | 92   | 632040   | 54.65   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.604 | 75   | 332694   | 56.80   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 386771   | 55.44   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.787 | 97   | 179513   | 54.21   | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 226821   | 54.55   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 318148   | 53.72   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.921  | 63   | 582419   | 270.78  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 439103   | 270.82  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.128 | 129  | 206743   | 55.79   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.232 | 107  | 170551   | 53.55   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.860 | 164  | 216538   | 56.16   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.658 | 112  | 658022   | 54.49   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 231360   | 56.14   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 1238863  | 55.47   | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.841 | 106  | 950122   | 113.22  | ug/l   | 99       |
| 69) o-Xylene                  | 12.164 | 106  | 440605   | 56.31   | ug/l   | 98       |
| 70) Styrene                   | 12.183 | 104  | 751255   | 56.57   | ug/l   | 100      |
| 71) Bromoform                 | 12.353 | 173  | 112670   | 54.47   | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 1228342  | 57.73   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 245318   | 55.90   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 209477   | 55.03   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 133296m  | 48.63   | ug/l   |          |
| 77) Bromobenzene              | 12.750 | 156  | 264345   | 56.36   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.804 | 91   | 1498273  | 57.60   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 842732   | 56.86   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 1036504  | 57.39   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 64640    | 57.48   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 891790   | 56.69   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 898794   | 59.04   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1032985  | 57.62   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 1305776  | 57.84   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 1134476  | 58.02   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 544963   | 56.89   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 541345   | 57.33   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.823 | 91   | 1122788  | 58.39   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 179993   | 58.72   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 472554   | 55.78   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 33447    | 55.03   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 316473   | 55.78   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 191282   | 58.37   | ug/l   | 97       |
| 95) Naphthalene               | 15.365 | 128  | 587669   | 56.86   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 271626   | 55.29   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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5/21/2021 1:48:53 PM

Quant Time: May 21 05:01:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 20 03:59:48 2021  
Response via : Initial Calibration

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

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

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Data File : VW019043.D  
Acq On : 20 May 2021 10:41  
Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

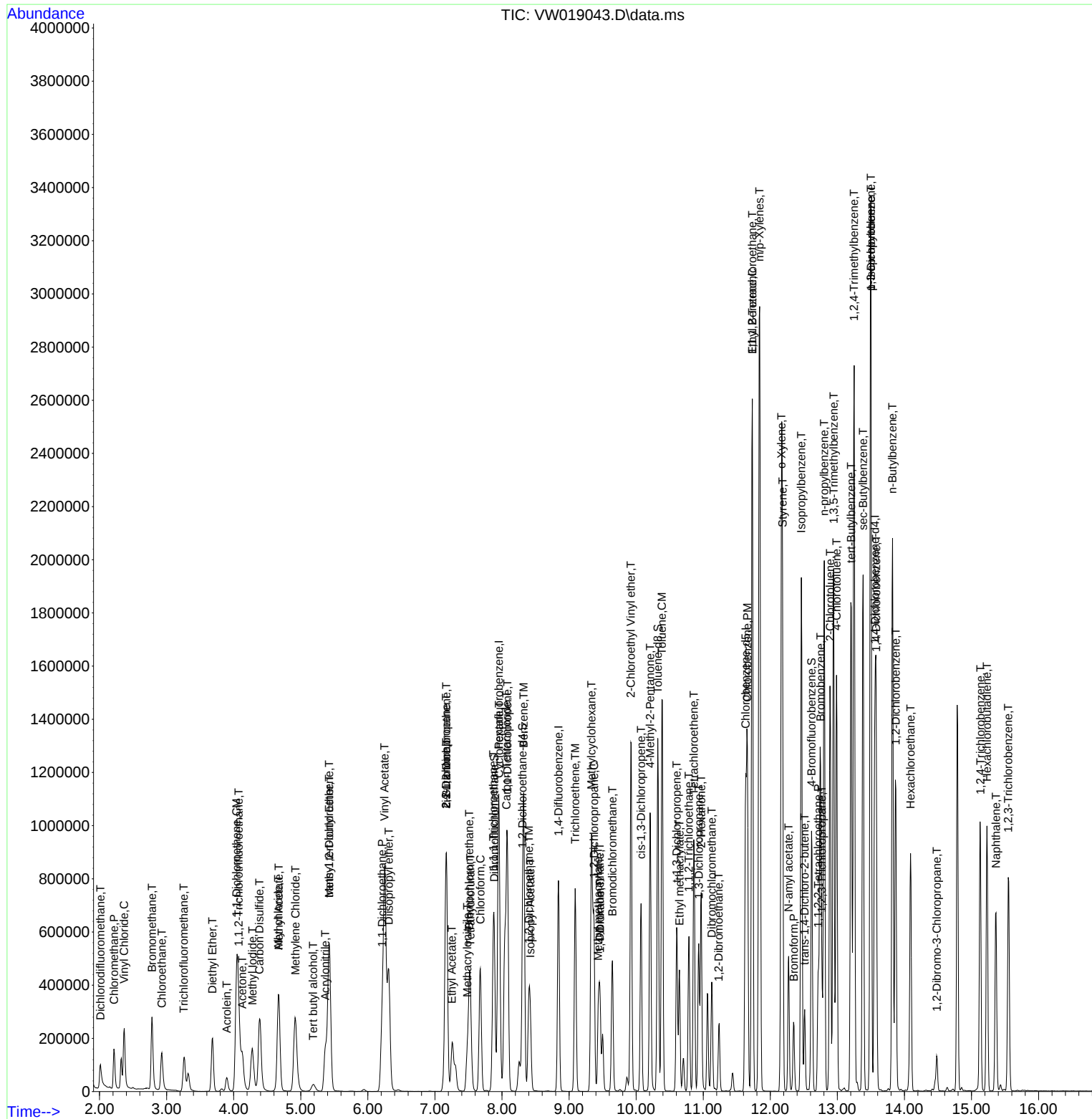
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

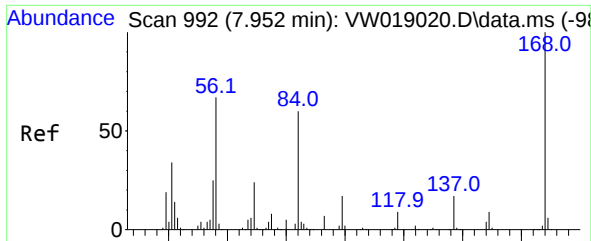
Manual Integrations  
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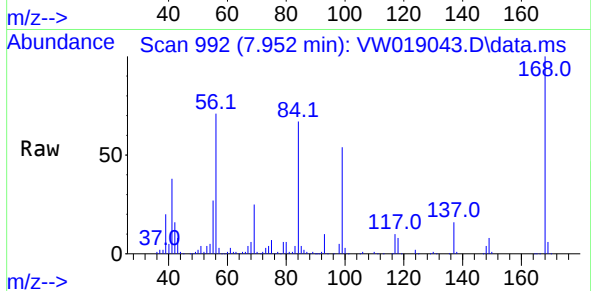
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Quant Time: May 21 05:01:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 20 03:59:48 2021  
Response via : Initial Calibration

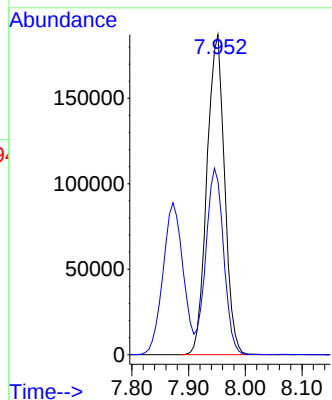
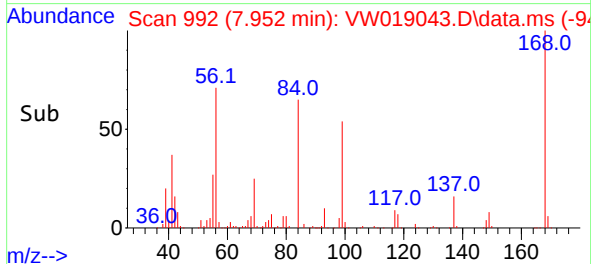




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 168 Resp: 404806  
Ion Ratio Lower Upper  
168 100  
99 54.1 48.8 73.2

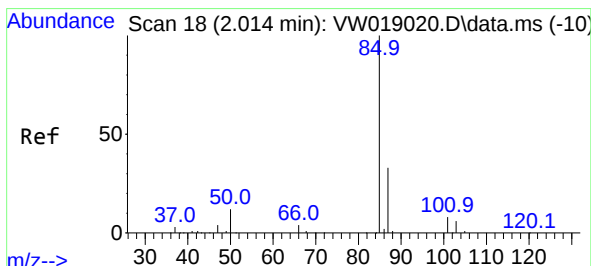


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

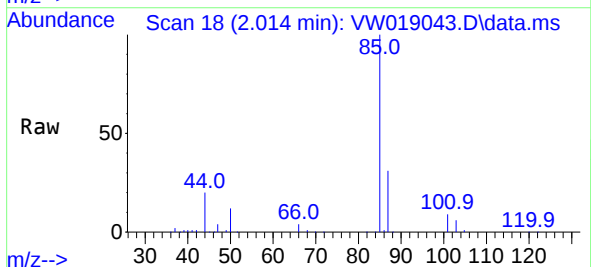
Manual Integrations  
APPROVED

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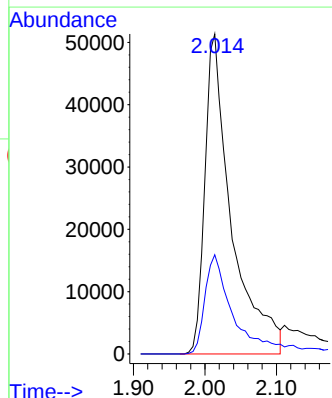
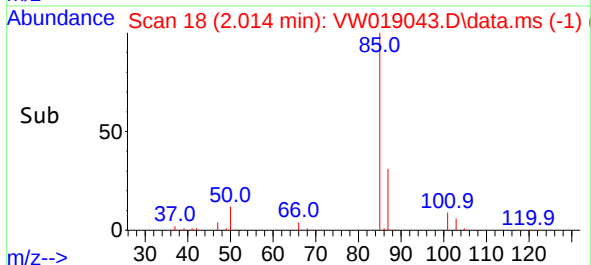
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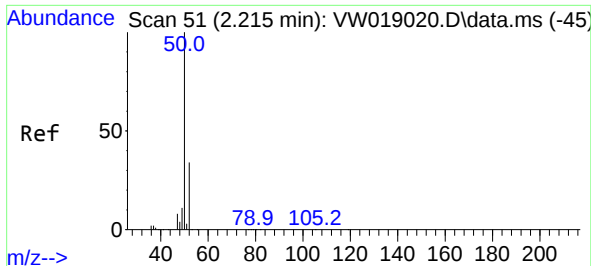


#2  
Dichlorodifluoromethane  
Concen: 48.59 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



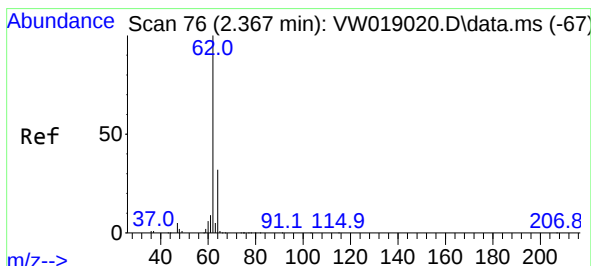
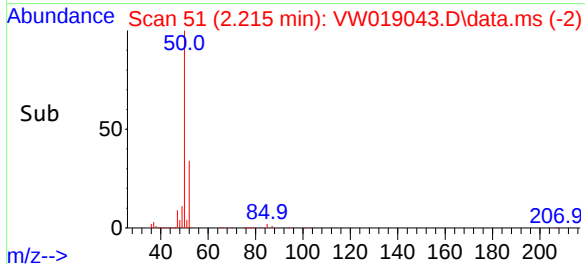
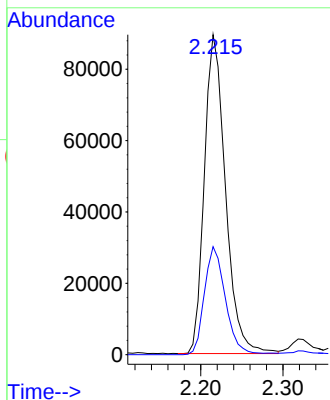
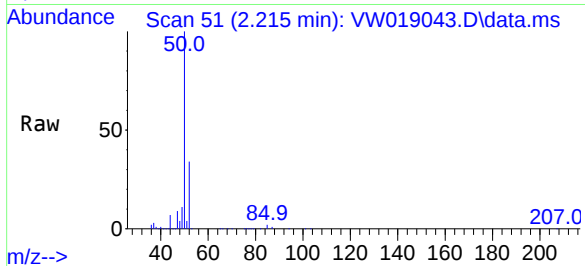
Tgt Ion: 85 Resp: 132432  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.7 50.0





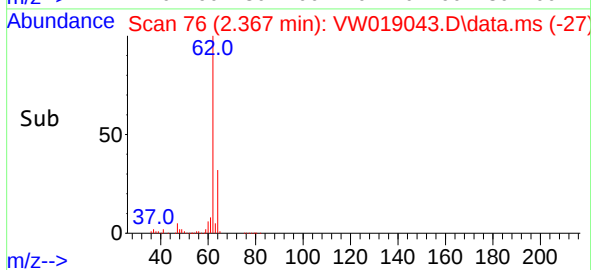
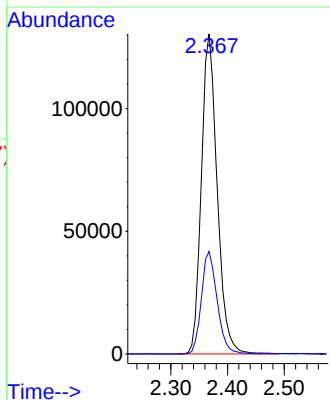
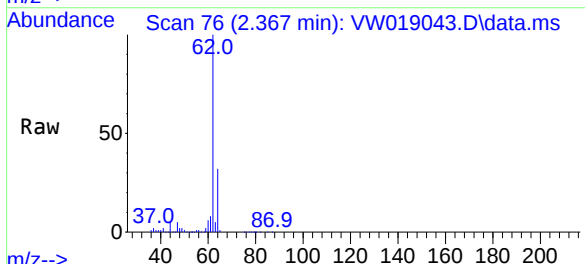
#3  
Chloromethane  
Concen: 52.84 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 50 Resp: 159785  
Ion Ratio Lower Upper  
50 100  
52 33.9 26.9 40.3



#4  
Vinyl Chloride  
Concen: 56.81 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 62 Resp: 252441  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.3 37.9

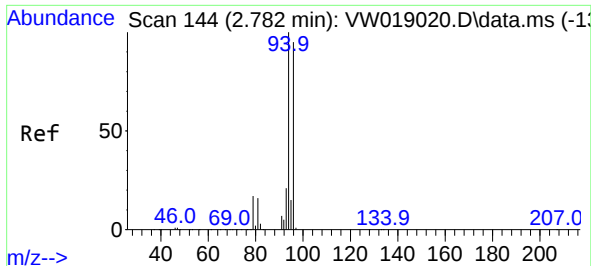


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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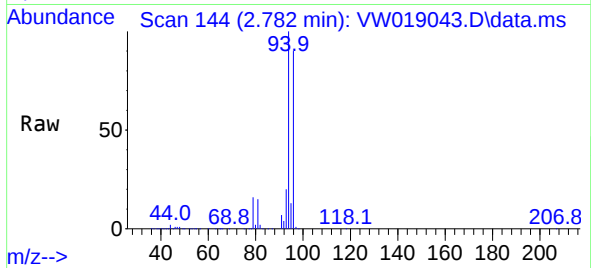
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5/21/2021 1:48:53 PM



#5  
Bromomethane  
Concen: 53.75 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

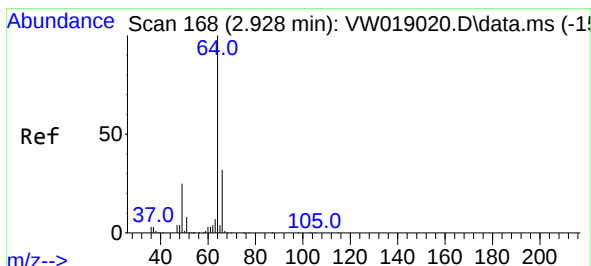
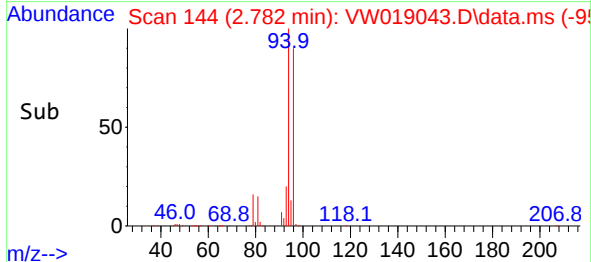
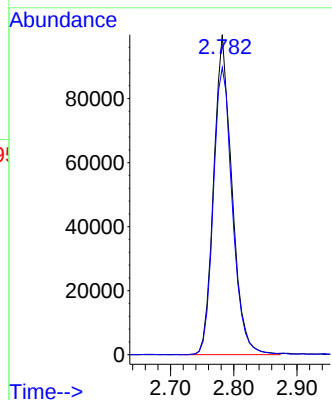


Tgt Ion: 94 Resp: 200115  
Ion Ratio Lower Upper  
94 100  
96 89.8 76.4 114.6

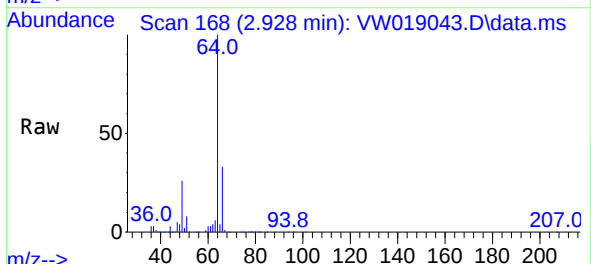
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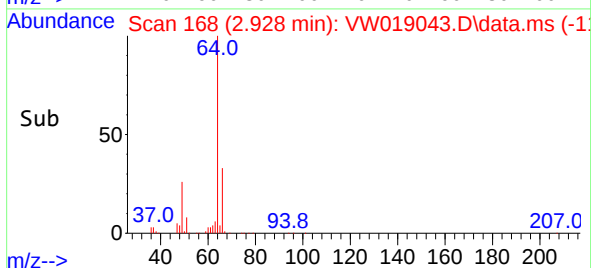
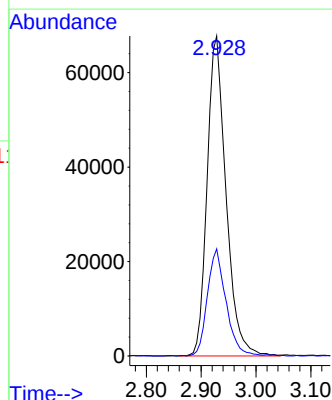
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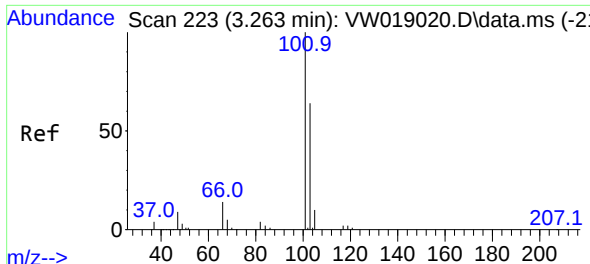


#6  
Chloroethane  
Concen: 52.99 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 64 Resp: 161712  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.9 38.9





#7  
Trichlorofluoromethane  
Concen: 59.32 ug/l  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

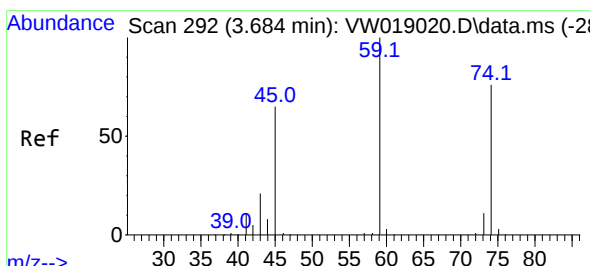
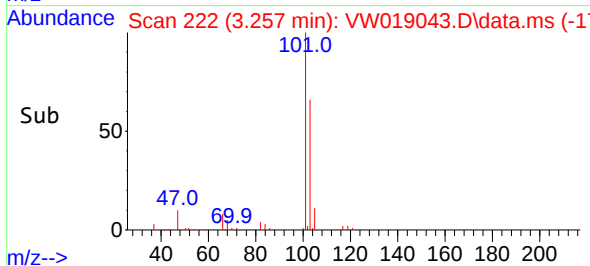
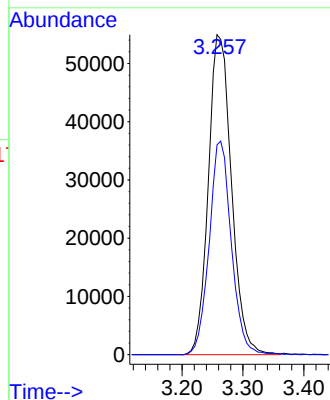
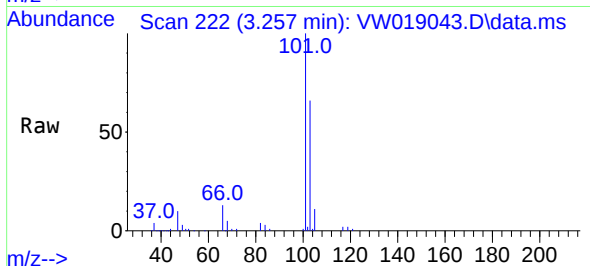
Tgt Ion:101 Resp: 144961  
Ion Ratio Lower Upper  
101 100  
103 65.5 51.4 77.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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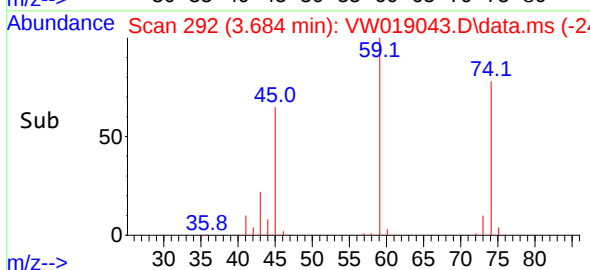
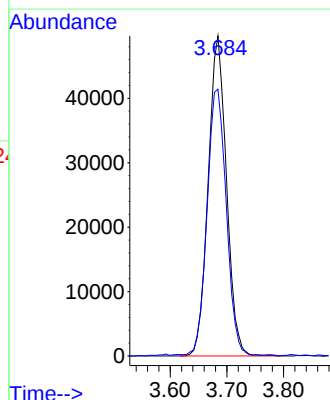
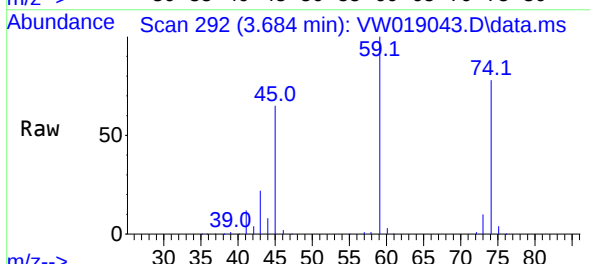
MMDadoda

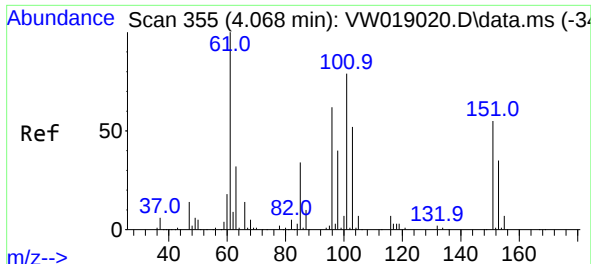
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#8  
Diethyl Ether  
Concen: 52.38 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 74 Resp: 111335  
Ion Ratio Lower Upper  
74 100  
45 87.2 43.3 129.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.45 ug/l  
RT: 4.074 min Scan# 356  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

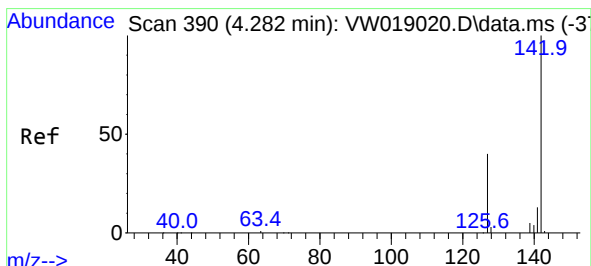
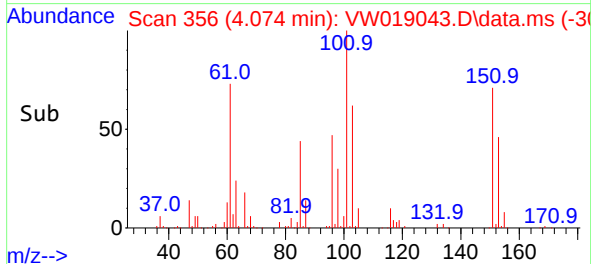
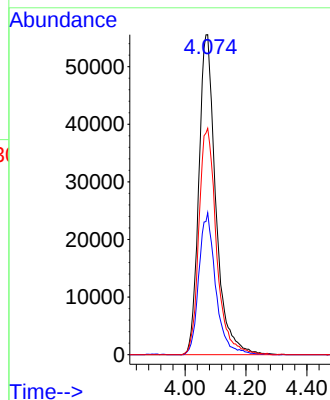
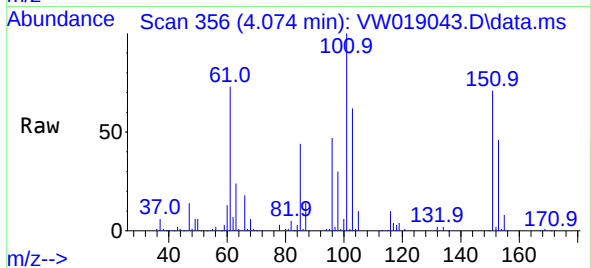
Tgt Ion:101 Resp: 215213  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.9 53.9  
151 73.3 59.8 89.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

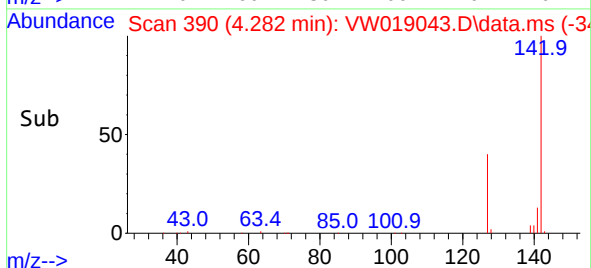
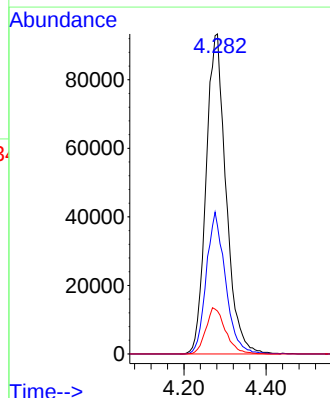
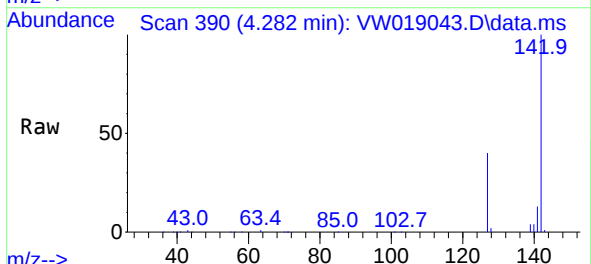
MMDadoda

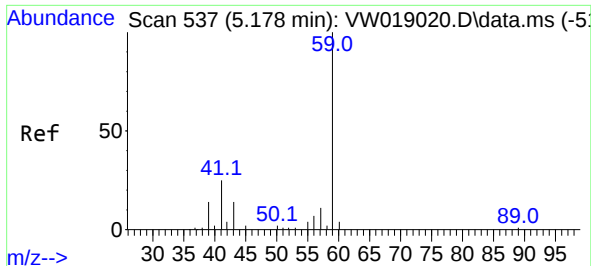
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#10  
Methyl Iodide  
Concen: 54.15 ug/l  
RT: 4.282 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

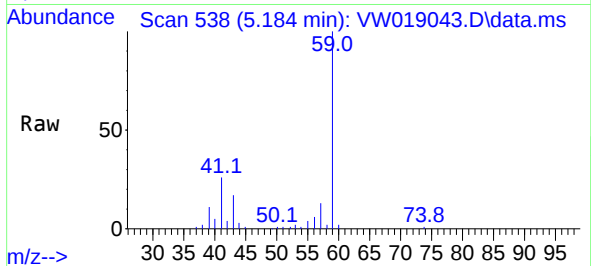
Tgt Ion:142 Resp: 314150  
Ion Ratio Lower Upper  
142 100  
127 42.8 33.7 50.5  
141 14.2 11.2 16.8





#11  
Tert butyl alcohol  
Concen: 260.40 ug/l  
RT: 5.184 min Scan# 538  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

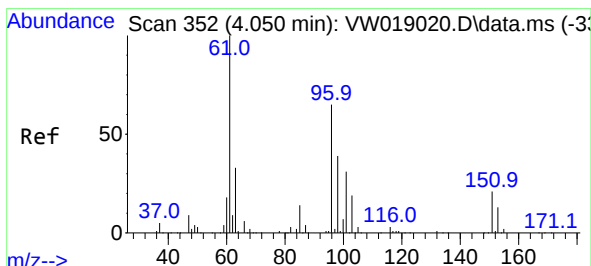
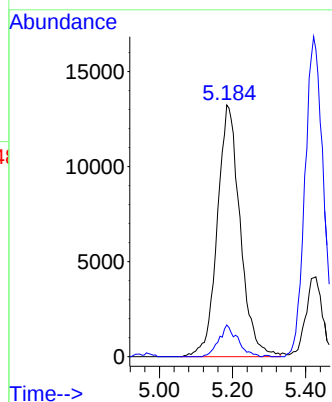


Tgt Ion: 59 Resp: 57485  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.9 13.3

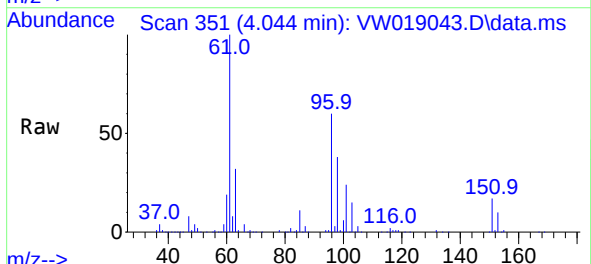
Manual Integrations  
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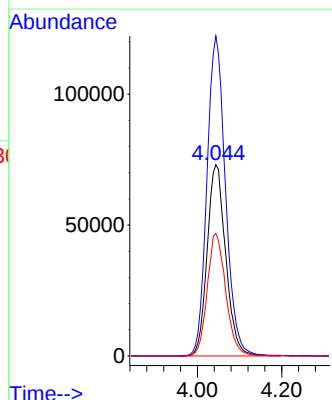
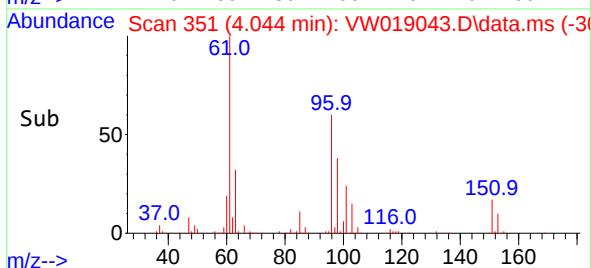
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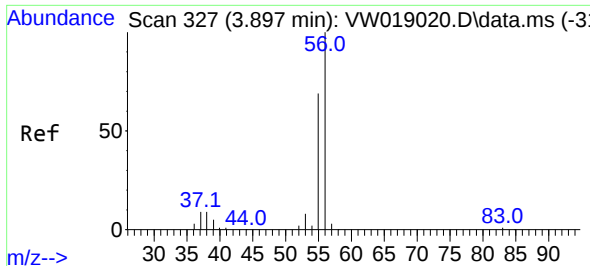


#12  
1,1-Dichloroethene  
Concen: 55.54 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

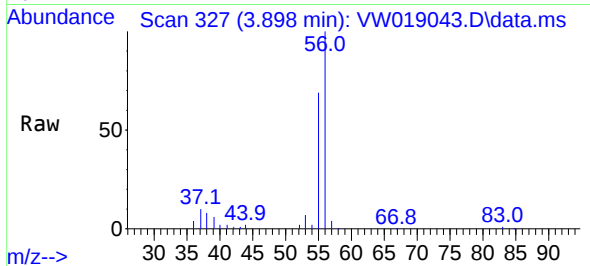


Tgt Ion: 96 Resp: 223934  
Ion Ratio Lower Upper  
96 100  
61 167.4 123.0 184.4  
98 64.1 47.5 71.3

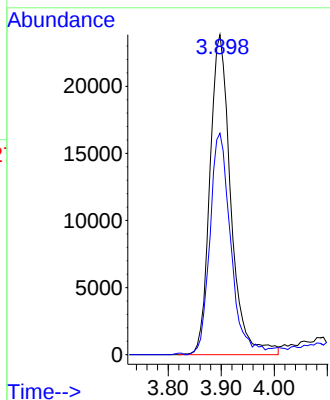
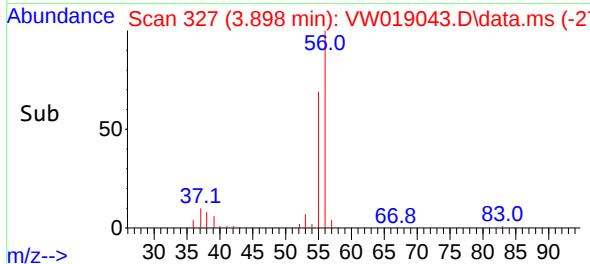




#13  
Acrolein  
Concen: 238.95 ug/l  
RT: 3.898 min Scan# 327  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 56 Resp: 65156  
Ion Ratio Lower Upper  
56 100  
55 69.4 56.7 85.1

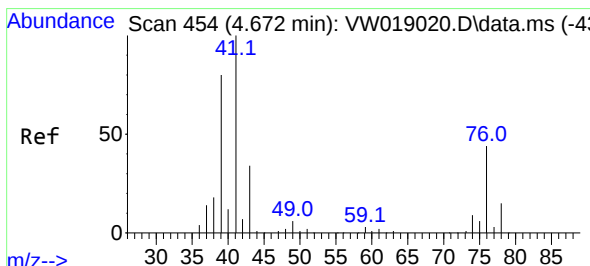


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

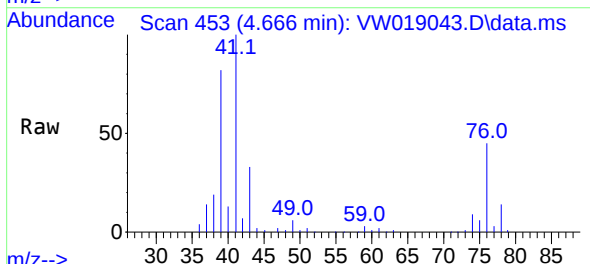
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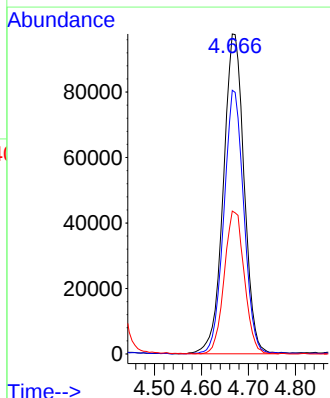
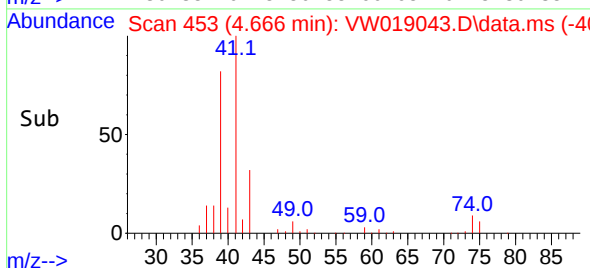
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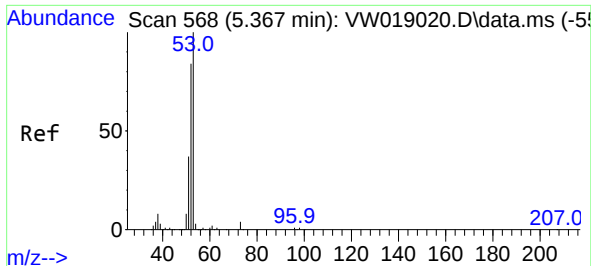


#14  
Allyl chloride  
Concen: 57.17 ug/l  
RT: 4.666 min Scan# 453  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



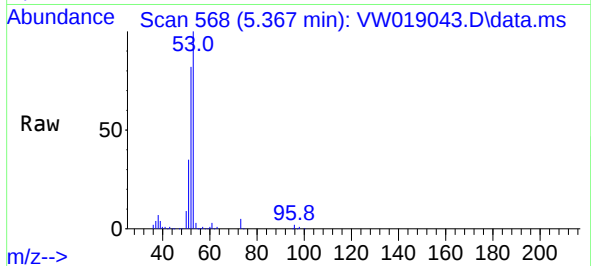
Tgt Ion: 41 Resp: 299886  
Ion Ratio Lower Upper  
41 100  
39 79.3 63.9 95.9  
76 43.0 35.1 52.7





#15  
Acrylonitrile  
Concen: 261.81 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050



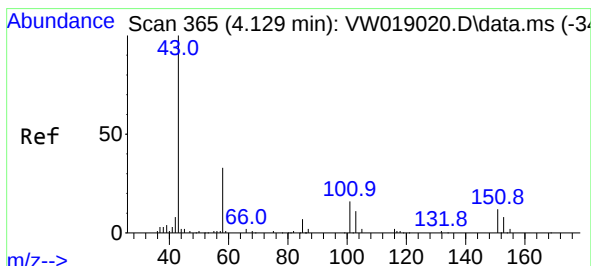
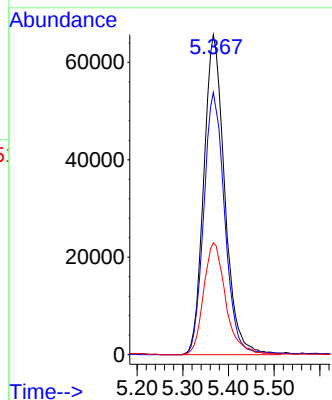
Tgt Ion: 53 Resp: 208707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.8  | 66.5  | 99.7  |
| 51  | 37.1  | 29.8  | 44.8  |

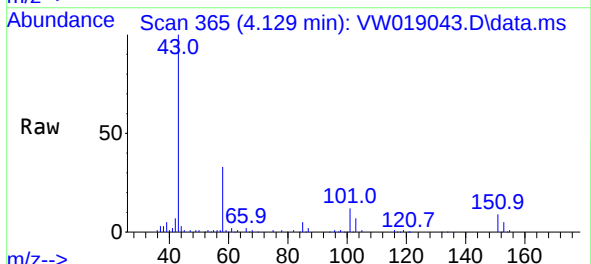
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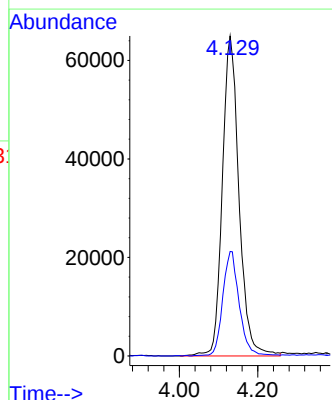
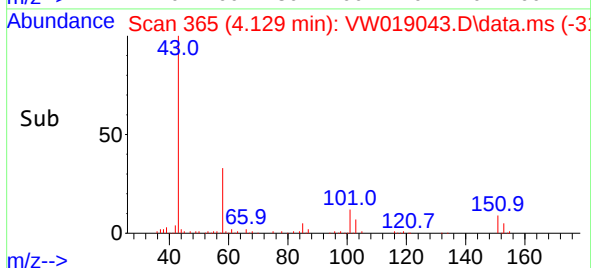


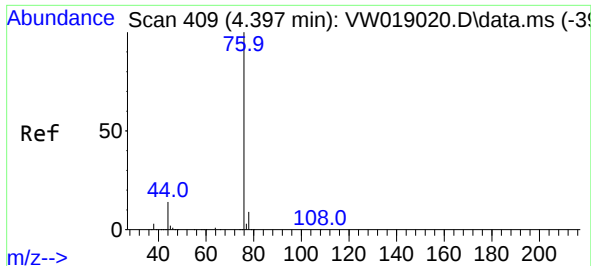
#16  
Acetone  
Concen: 296.18 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 43 Resp: 192262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.6  | 26.4  | 39.6  |





#17  
Carbon Disulfide  
Concen: 57.65 ug/l  
RT: 4.385 min Scan# 407  
Delta R.T. -0.012 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

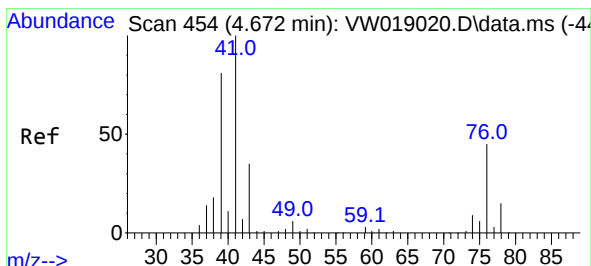
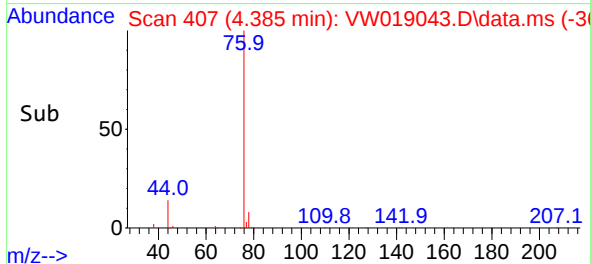
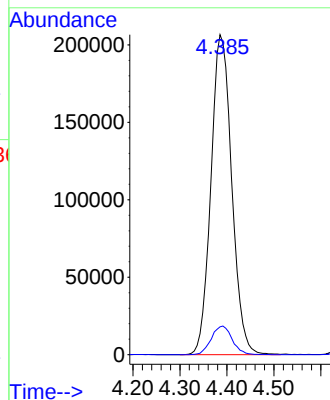
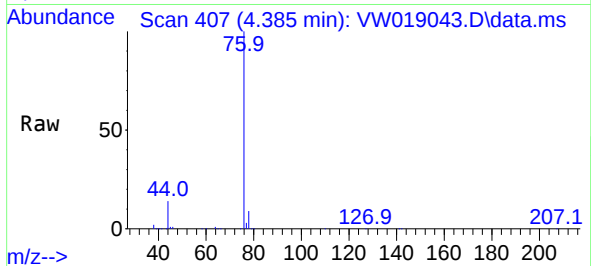
Tgt Ion: 76 Resp: 635053  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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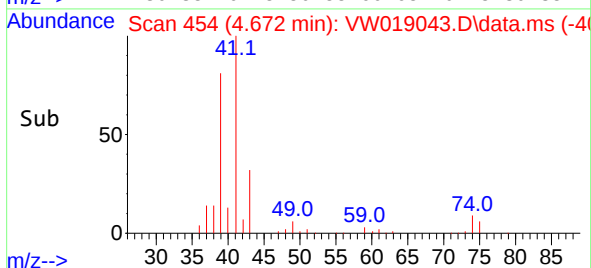
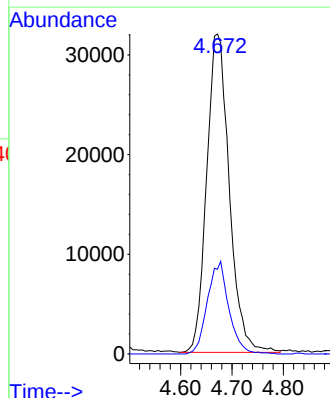
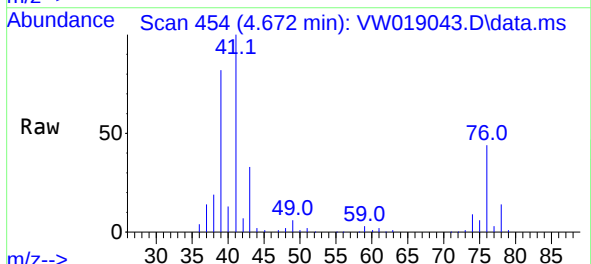
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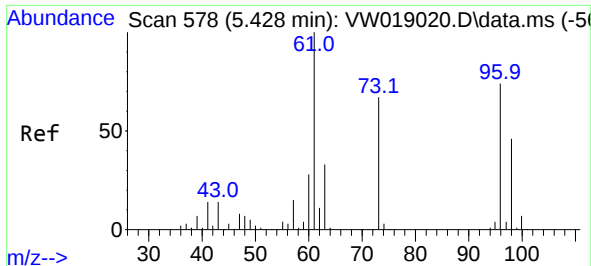
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#18  
Methyl Acetate  
Concen: 51.18 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 43 Resp: 97784  
Ion Ratio Lower Upper  
43 100  
74 27.5 21.8 32.8





#19  
Methyl tert-butyl Ether  
Concen: 55.00 ug/l  
RT: 5.422 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

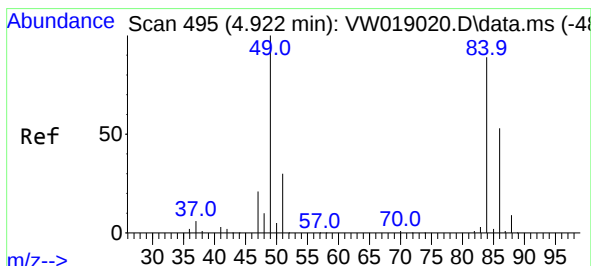
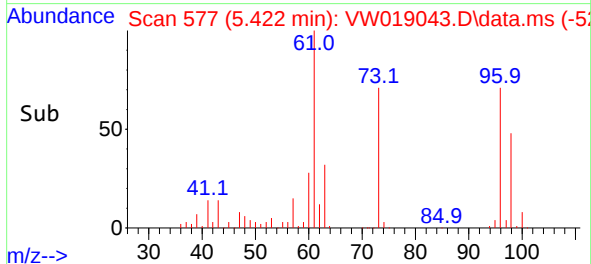
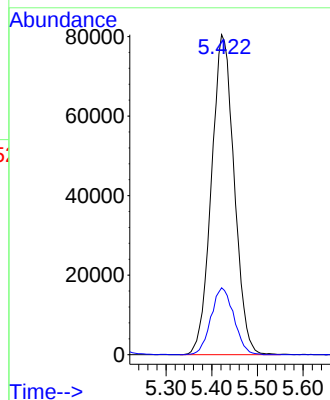
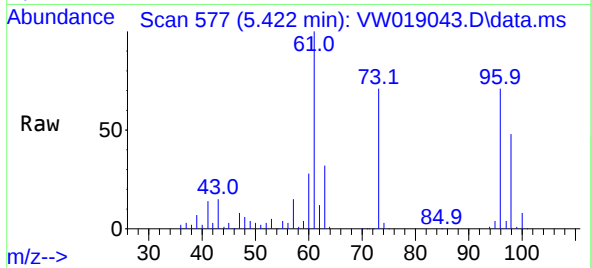
Tgt Ion: 73 Resp: 278403  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.4 26.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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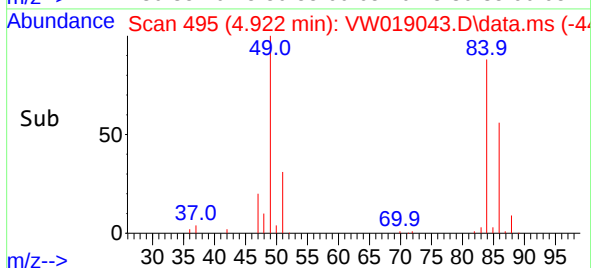
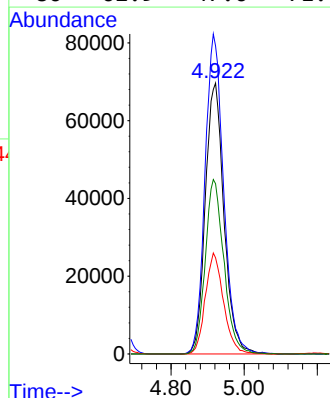
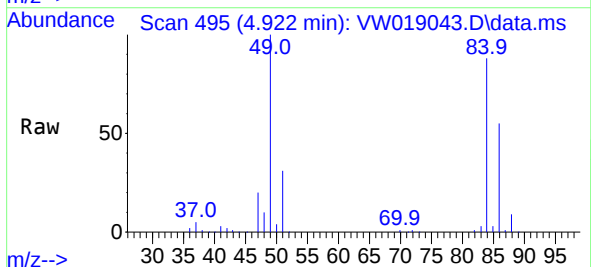
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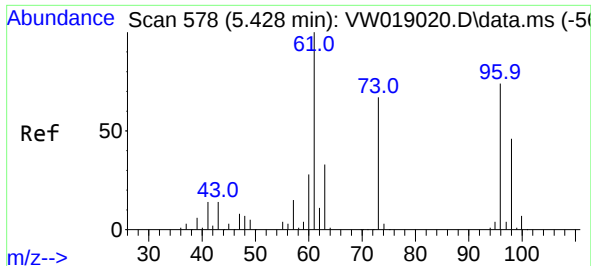
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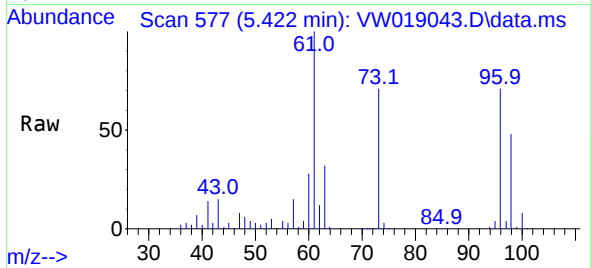
#20  
Methylene Chloride  
Concen: 52.62 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 84 Resp: 247200  
Ion Ratio Lower Upper  
84 100  
49 113.7 90.4 135.6  
51 35.5 27.1 40.7  
86 62.9 47.6 71.4



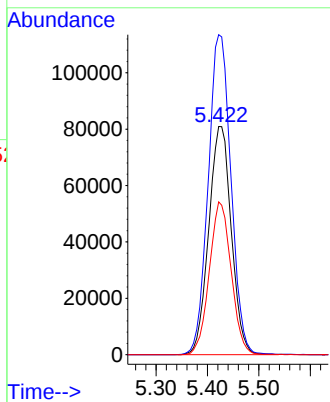
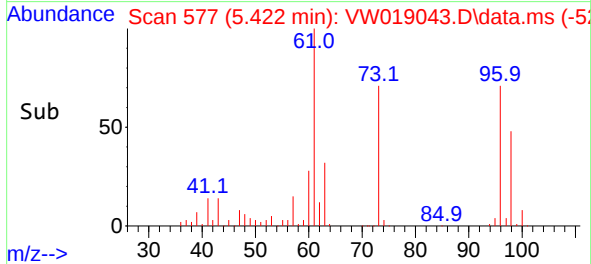


#21  
trans-1,2-Dichloroethene  
Concen: 53.69 ug/l  
RT: 5.422 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 96 Resp: 247308

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.2 | 108.5 | 162.7 |
| 98  | 67.0  | 49.4  | 74.0  |

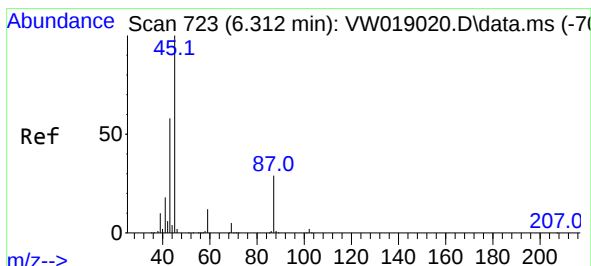


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

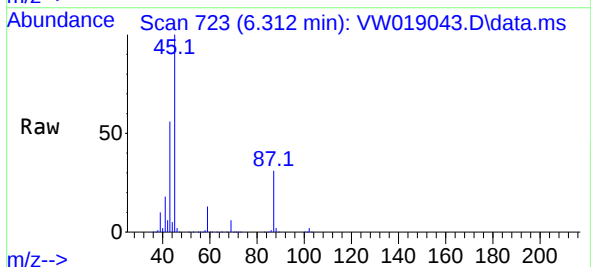
Manual Integrations  
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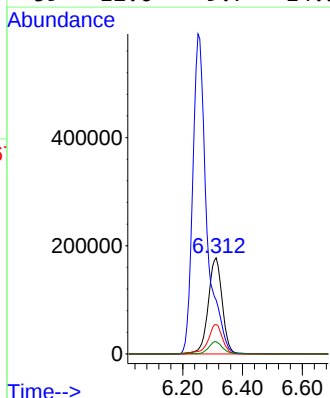
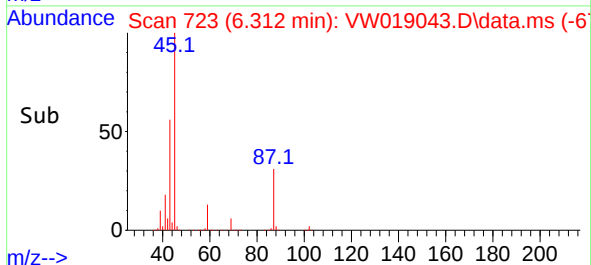


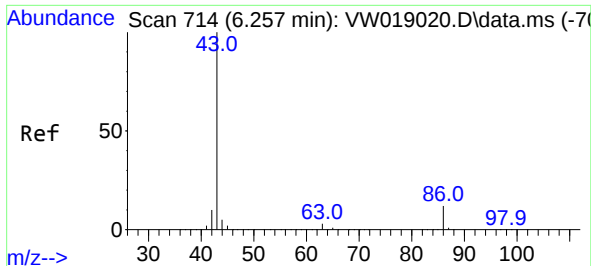
#22  
Diisopropyl ether  
Concen: 53.81 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 45 Resp: 574172

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 56.0  | 46.1  | 69.1  |
| 87  | 30.6  | 23.4  | 35.2  |
| 59  | 12.6  | 9.7   | 14.5  |





#23  
 Vinyl Acetate  
 Concen: 267.76 ug/l  
 RT: 6.251 min Scan# 713  
 Delta R.T. -0.006 min  
 Lab File: VW019043.D  
 Acq: 20 May 2021 10:41

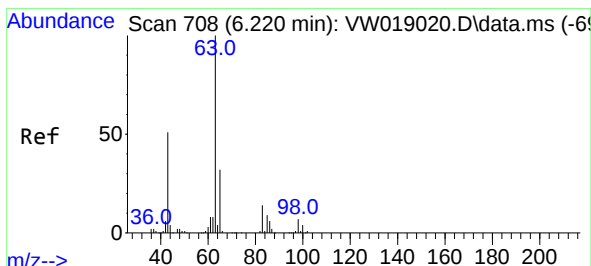
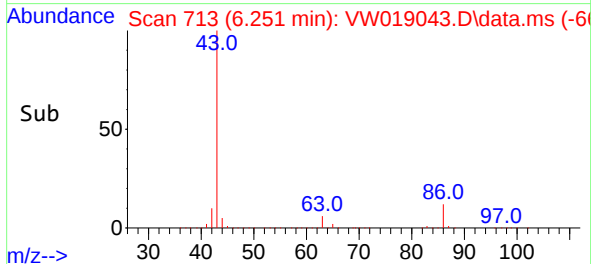
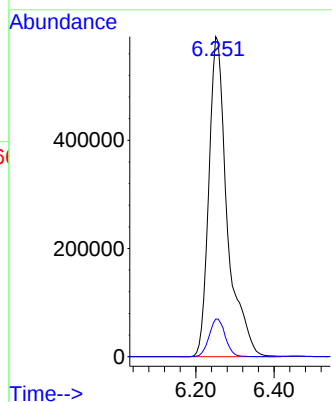
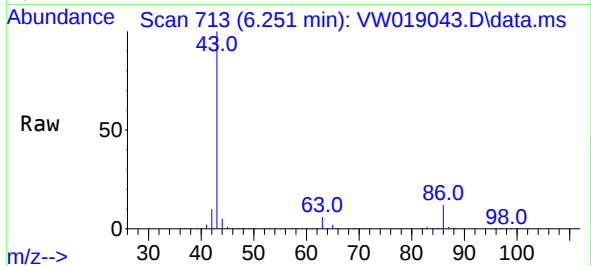
Tgt Ion: 43 Resp: 1922515  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 9.6 14.4

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

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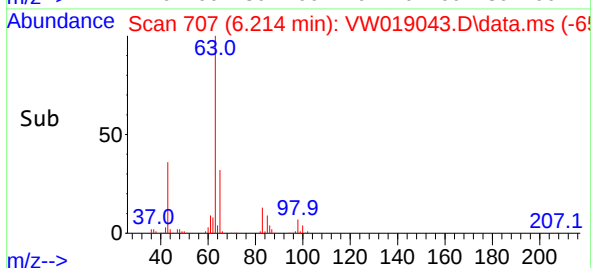
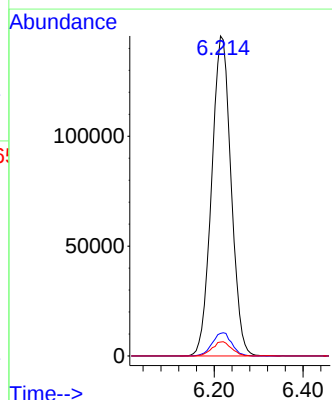
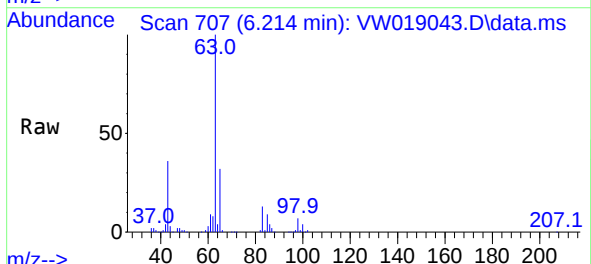
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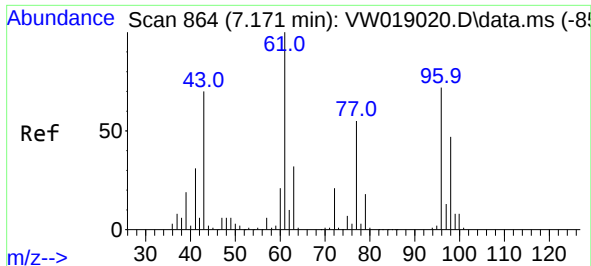
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#24  
 1,1-Dichloroethane  
 Concen: 53.46 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. -0.006 min  
 Lab File: VW019043.D  
 Acq: 20 May 2021 10:41

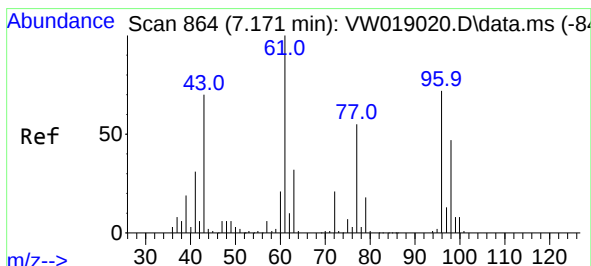
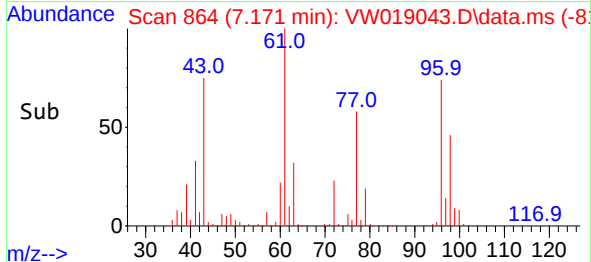
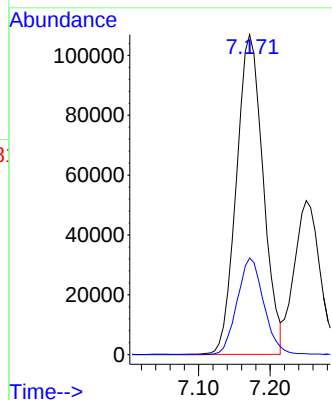
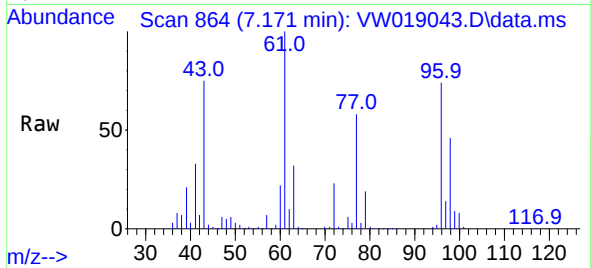
Tgt Ion: 63 Resp: 441741  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.9  
 100 4.4 2.3 6.8





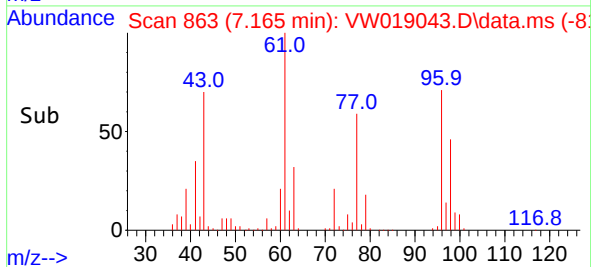
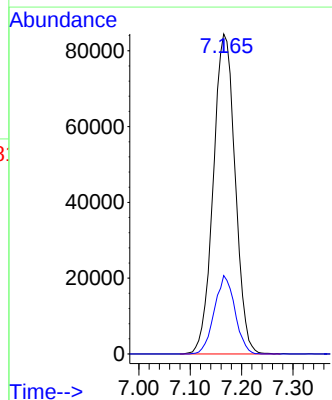
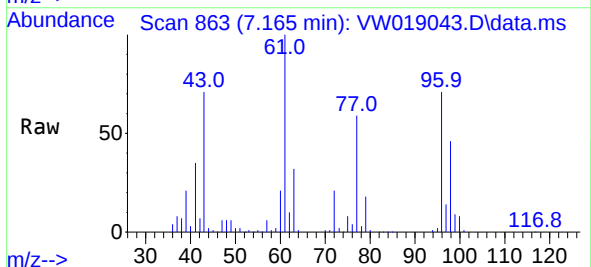
#25  
2-Butanone  
Concen: 260.26 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 43 Resp: 277513  
Ion Ratio Lower Upper  
43 100  
72 30.2 24.0 36.0



#26  
2,2-Dichloropropane  
Concen: 56.01 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 77 Resp: 249374  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.8 35.3

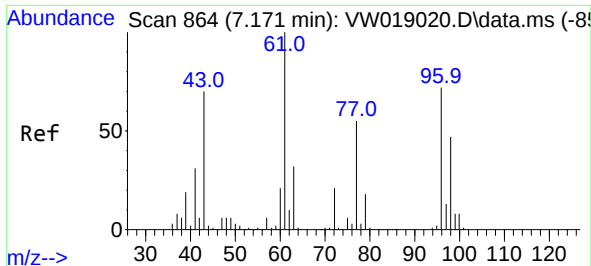


Instrument :  
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#27  
cis-1,2-Dichloroethene  
Concen: 53.73 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

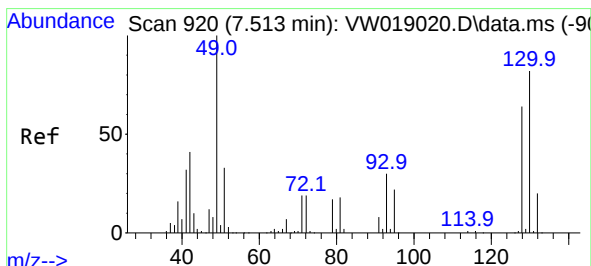
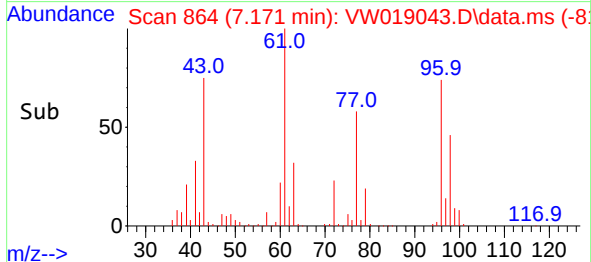
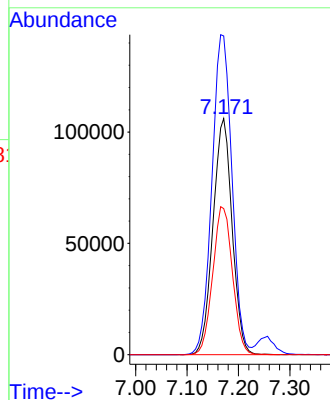
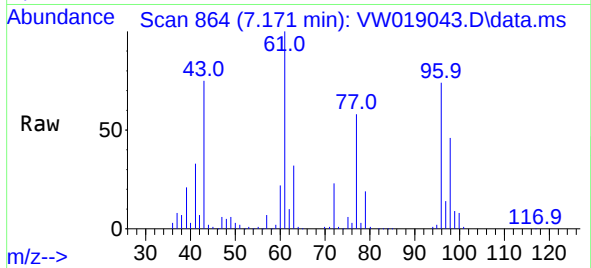
Tgt Ion: 96 Resp: 274644  
Ion Ratio Lower Upper  
96 100  
61 141.7 0.0 281.2  
98 64.4 0.0 127.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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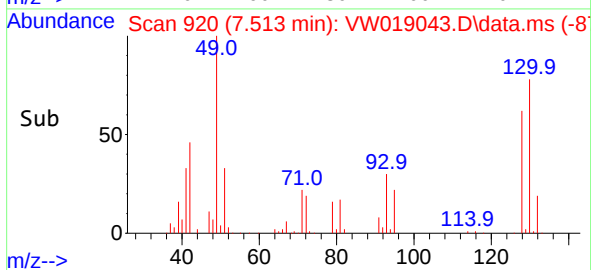
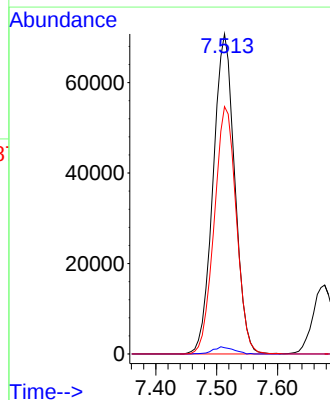
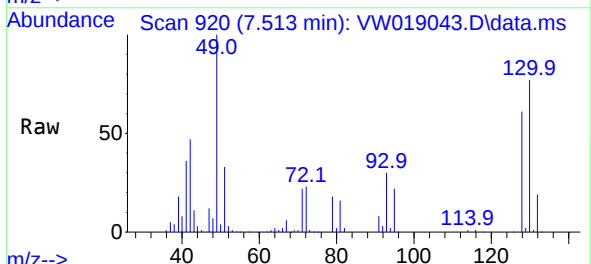
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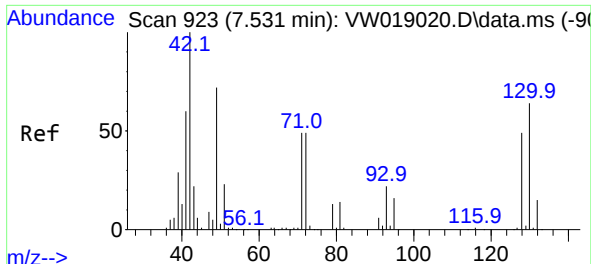
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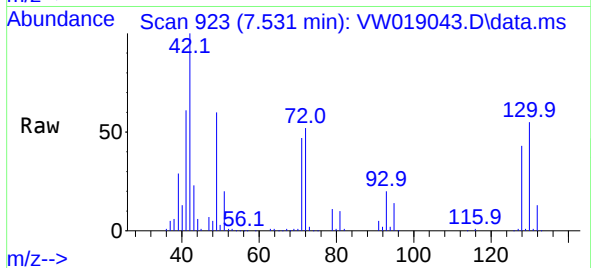
#28  
Bromochloromethane  
Concen: 51.89 ug/l  
RT: 7.513 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 49 Resp: 174432  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.4  
130 78.8 63.0 94.4



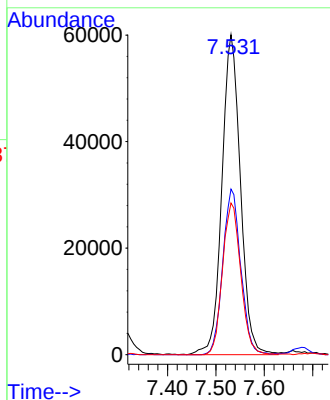
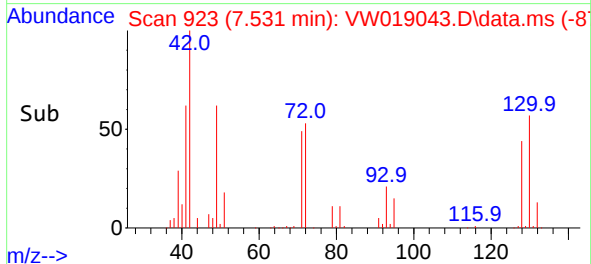


#29  
Tetrahydrofuran  
Concen: 256.57 ug/l  
RT: 7.531 min Scan# 923  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 42 Resp: 159997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 50.2  | 40.1  | 60.1  |
| 71  | 46.6  | 38.3  | 57.5  |

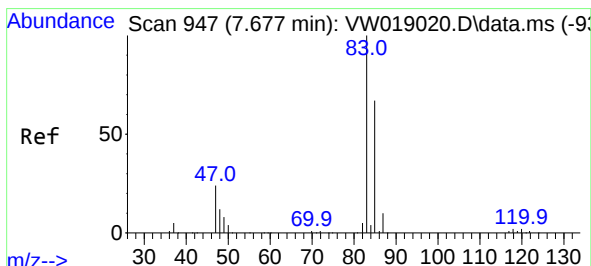


Instrument :  
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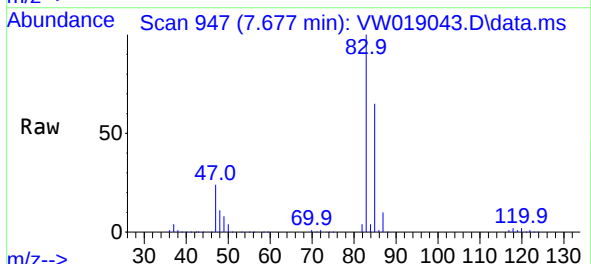
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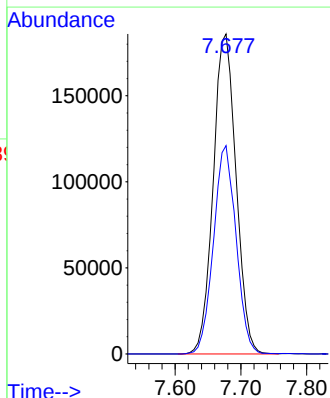
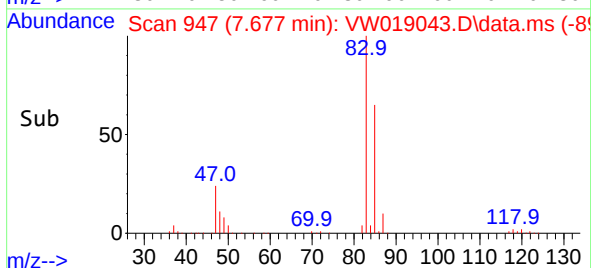


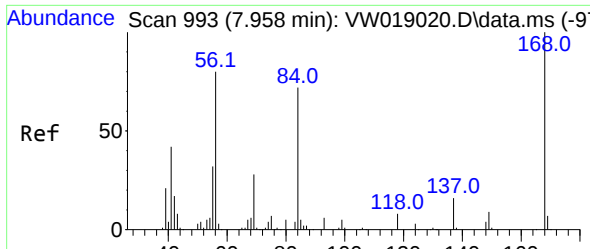
#30  
Chloroform  
Concen: 53.57 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



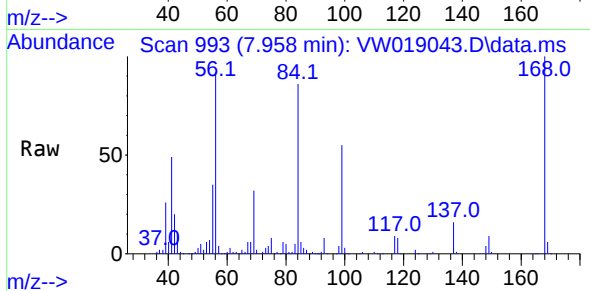
Tgt Ion: 83 Resp: 450050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 53.4  | 80.0  |

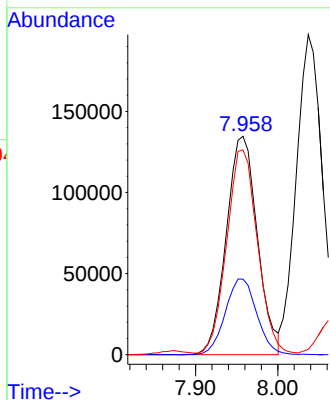
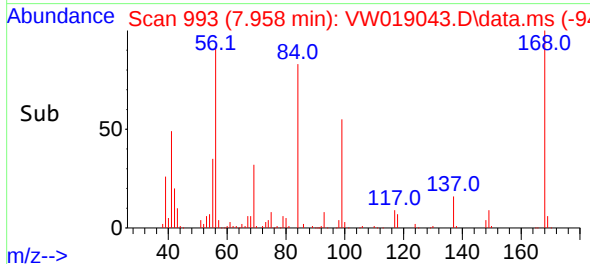




#31  
Cyclohexane  
Concen: 51.33 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 56 Resp: 354722  
Ion Ratio Lower Upper  
56 100  
69 34.5 28.4 42.6  
84 92.1 72.3 108.5

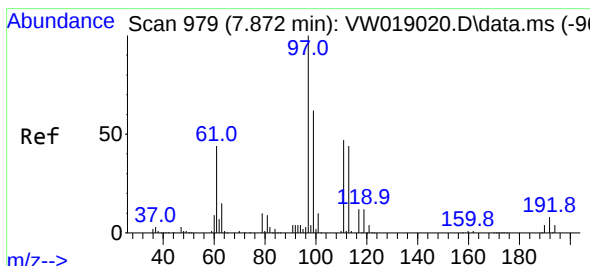


Instrument :  
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ClientSampled :  
VSTDCCC050

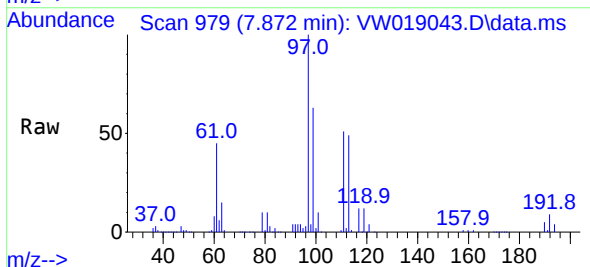
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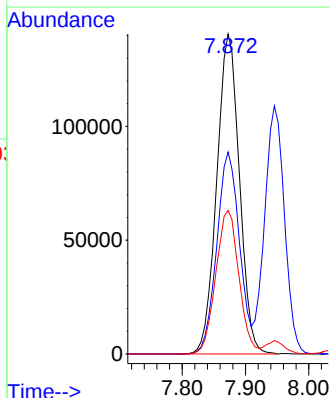
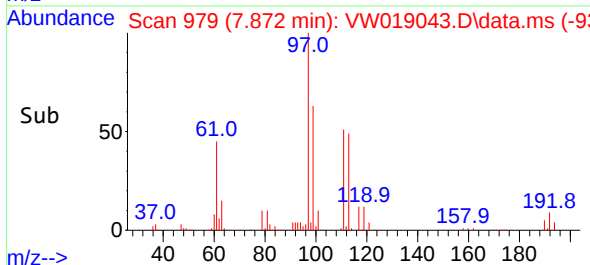
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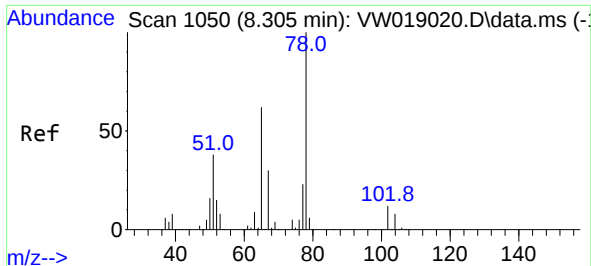


#32  
1,1,1-Trichloroethane  
Concen: 55.97 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 97 Resp: 349102  
Ion Ratio Lower Upper  
97 100  
99 63.1 52.2 78.4  
61 45.8 36.7 55.1





#33  
1,2-Dichloroethane-d4  
Concen: 51.54 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

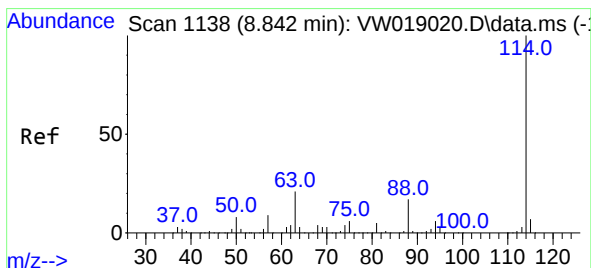
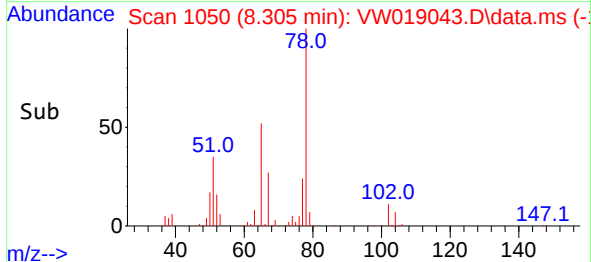
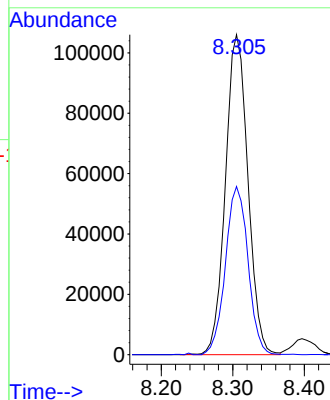
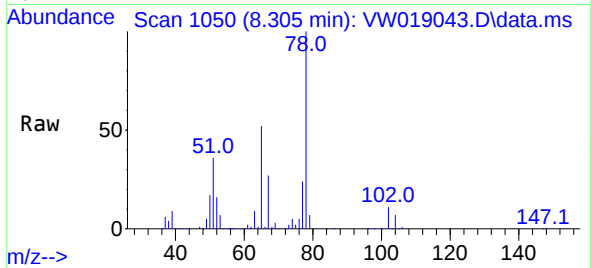
Tgt Ion: 65 Resp: 231900  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 104.0

Instrument :  
MSVOA\_W  
ClientSampled :  
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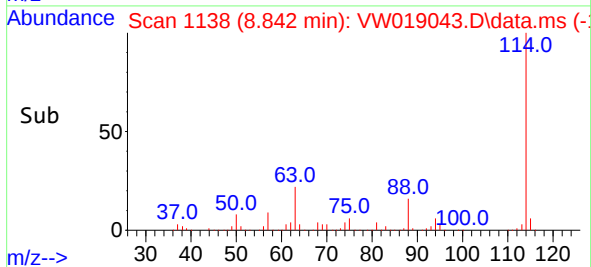
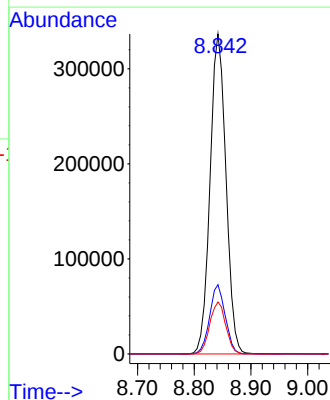
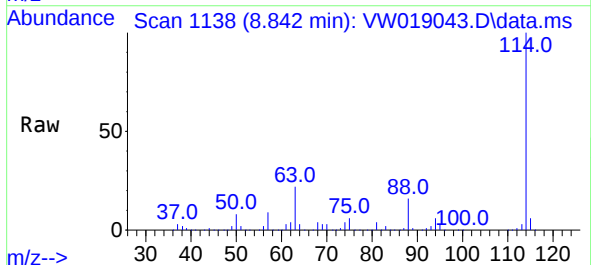
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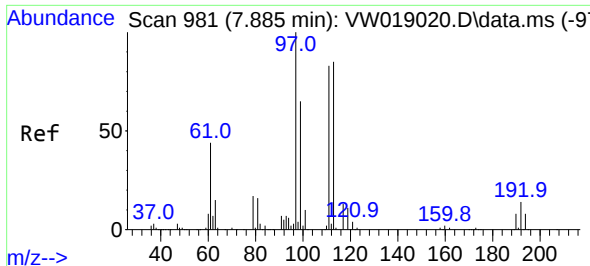
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 114 Resp: 655311  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 42.4  
88 16.3 0.0 33.2





#35  
Dibromofluoromethane  
Concen: 51.72 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 113 Resp: 211329

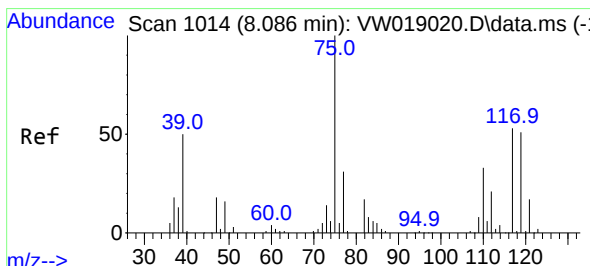
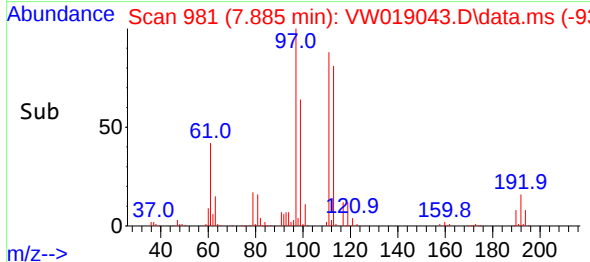
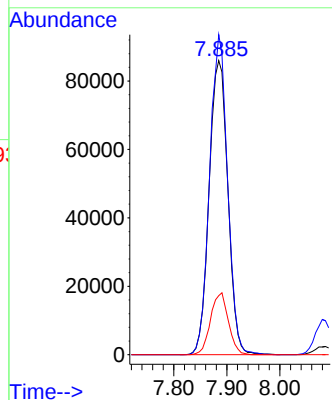
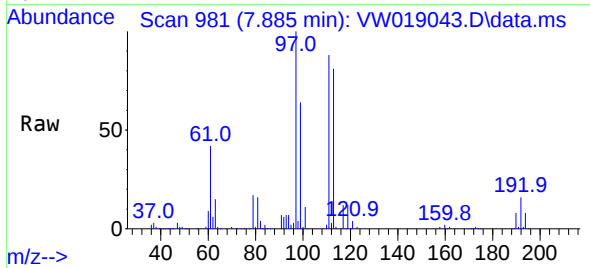
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 104.0 | 82.3  | 123.5 |
| 192 | 20.0  | 15.3  | 22.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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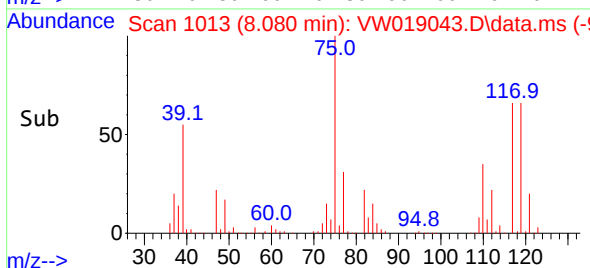
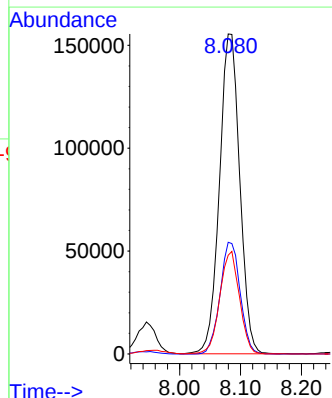
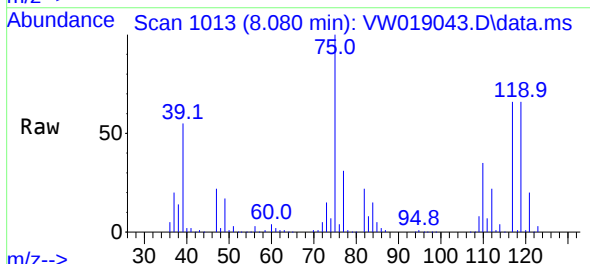
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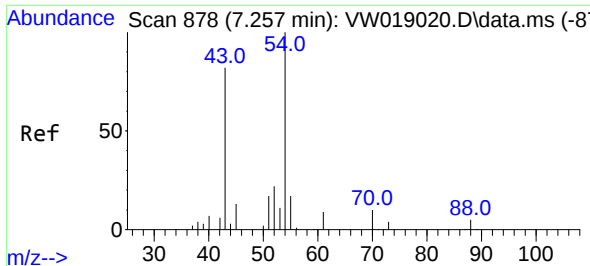


#36  
1,1-Dichloropropene  
Concen: 55.12 ug/l  
RT: 8.080 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

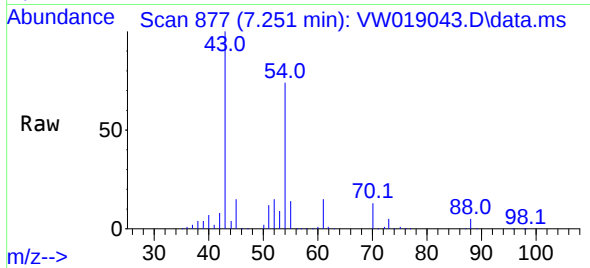
Tgt Ion: 75 Resp: 359673

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.6  | 17.1  | 51.2  |
| 77  | 31.2  | 25.3  | 37.9  |

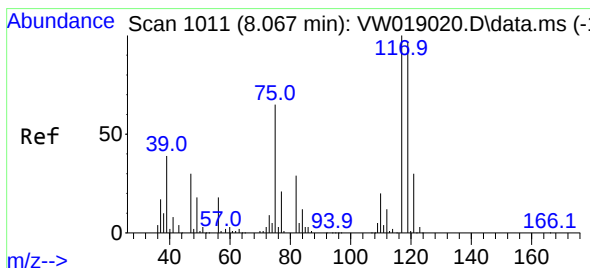
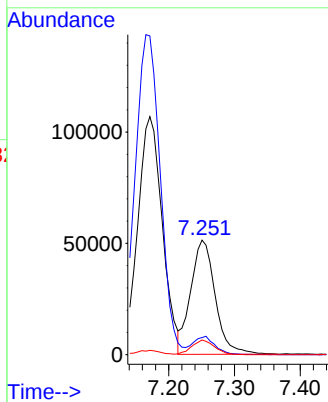
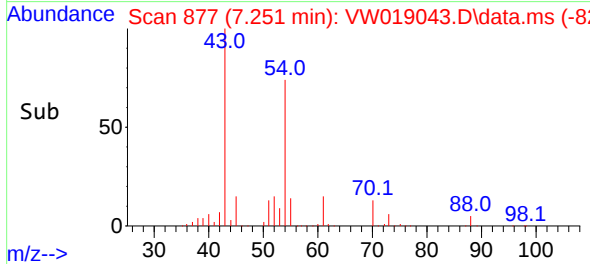




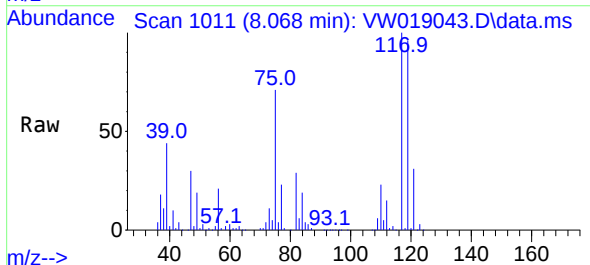
#37  
Ethyl Acetate  
Concen: 52.55 ug/l  
RT: 7.251 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



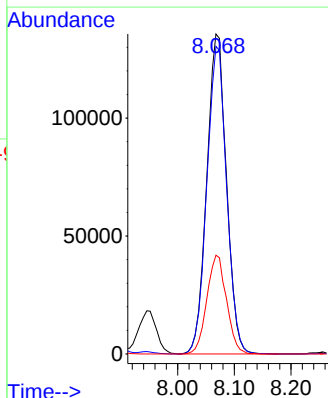
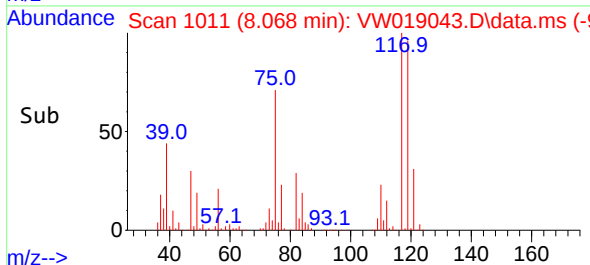
Tgt Ion: 43 Resp: 132659  
Ion Ratio Lower Upper  
43 100  
61 14.4 12.2 18.4  
70 12.0 9.5 14.3



#38  
Carbon Tetrachloride  
Concen: 56.96 ug/l  
RT: 8.068 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 117 Resp: 327574  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.4 116.0  
121 30.8 23.6 35.4

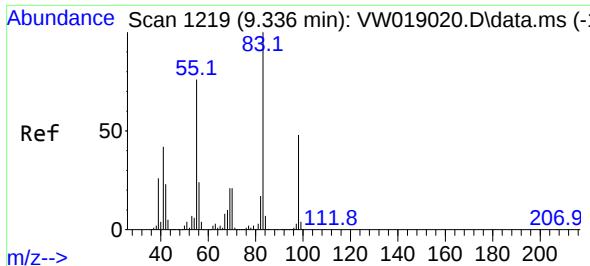


Instrument :  
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ClientSampleId :  
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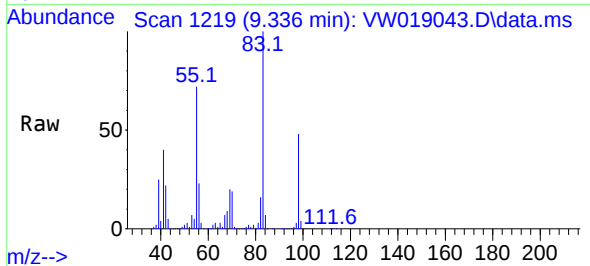
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#39  
Methylcyclohexane  
Concen: 56.26 ug/l  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

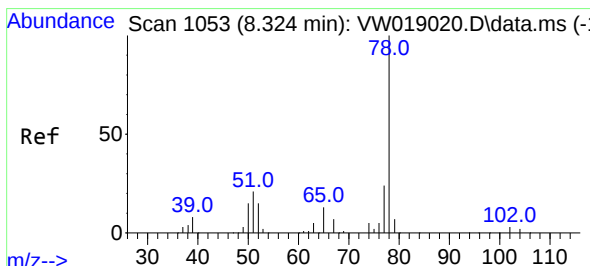
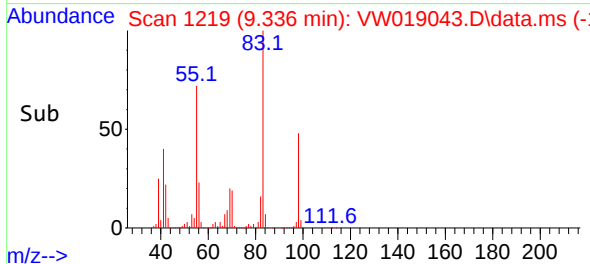
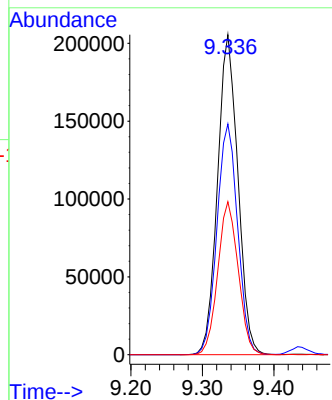


Tgt Ion: 83 Resp: 406179  
Ion Ratio Lower Upper  
83 100  
55 72.1 60.9 91.3  
98 47.8 38.4 57.6

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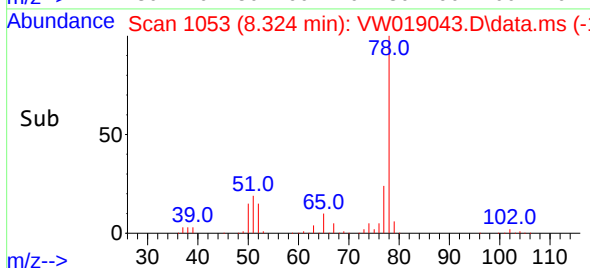
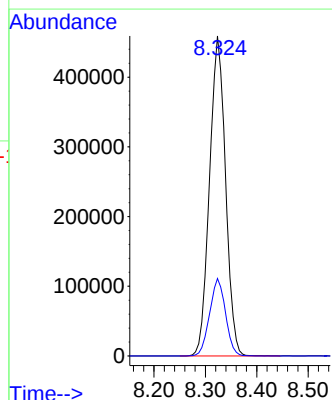
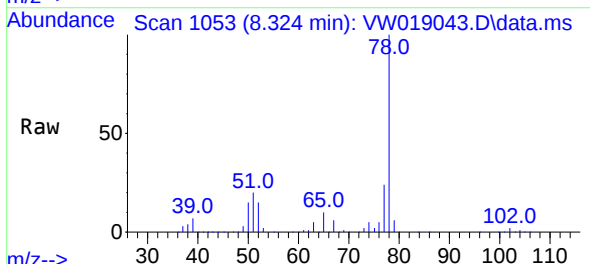
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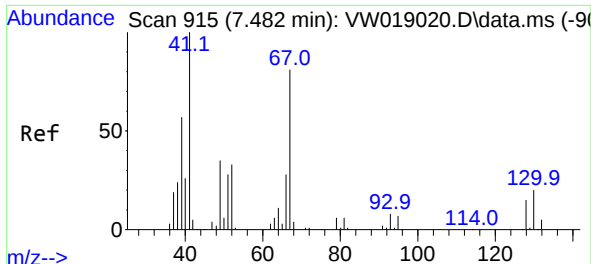
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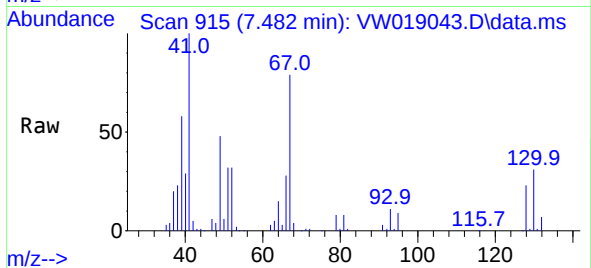
#40  
Benzene  
Concen: 54.47 ug/l  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 78 Resp: 993583  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.6 29.4



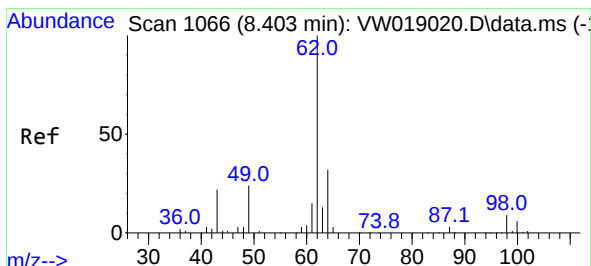
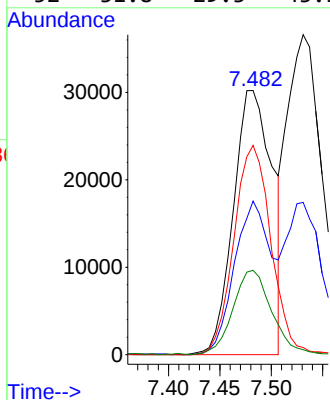
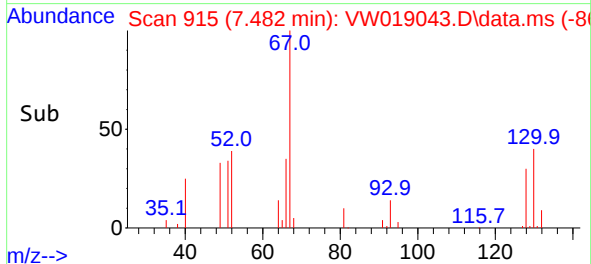


#41  
Methacrylonitrile  
Concen: 57.81 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

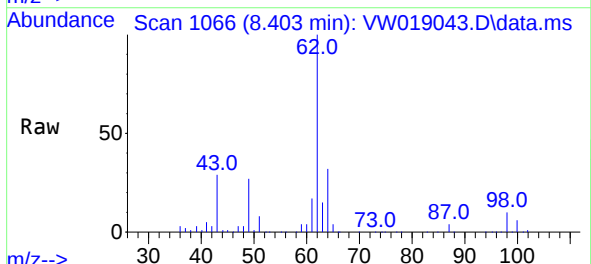


Tgt Ion: 41 Resp: 79699

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.5  | 50.1  | 75.1  |
| 67  | 75.9  | 69.0  | 103.4 |
| 52  | 31.8  | 29.3  | 43.9  |

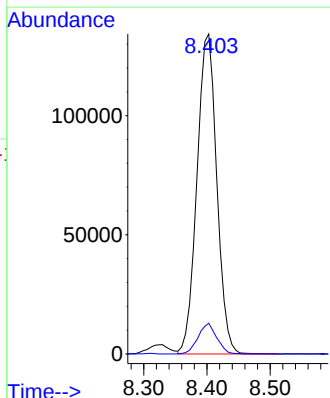
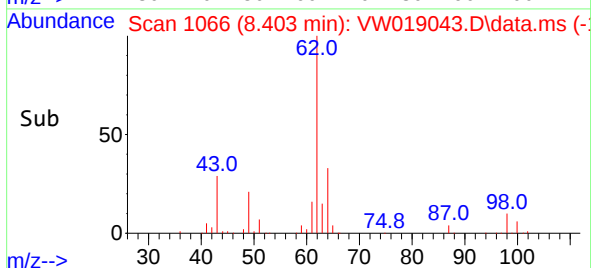


#42  
1,2-Dichloroethane  
Concen: 54.22 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 62 Resp: 293194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 18.0  |

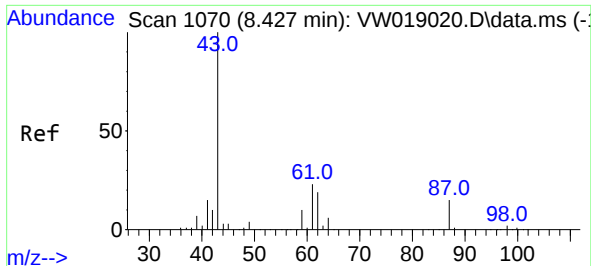


Instrument :  
MSVOA\_W  
ClientSampleId :  
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#43  
Isopropyl Acetate  
Concen: 53.79 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 43 Resp: 253227

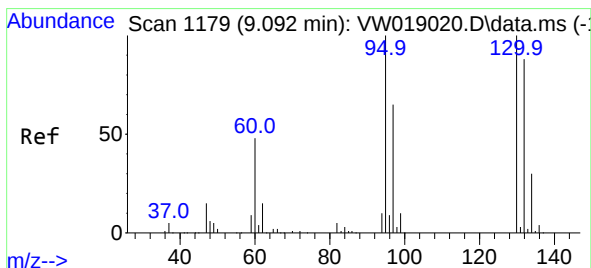
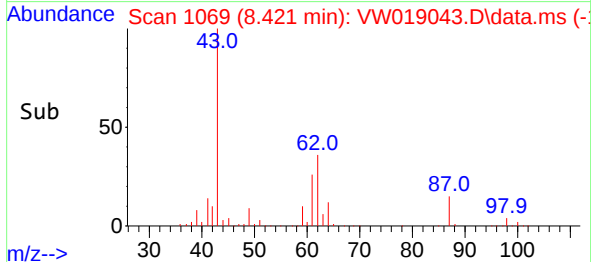
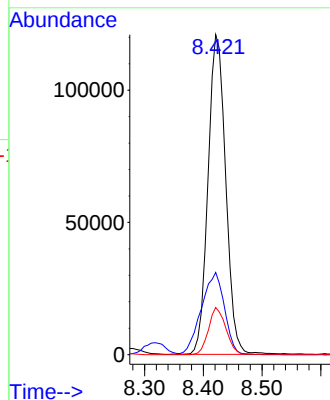
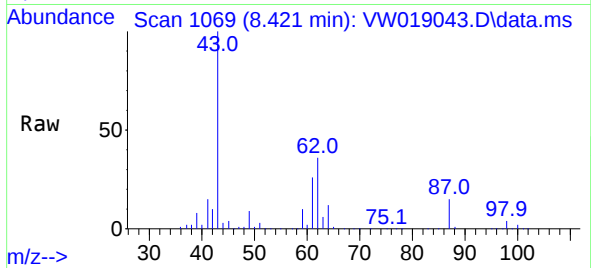
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 33.5  | 27.0  | 40.6  |
| 87  | 14.5  | 11.6  | 17.4  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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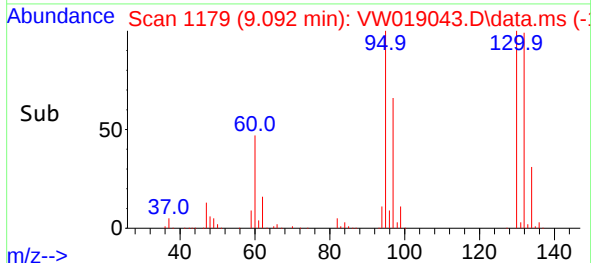
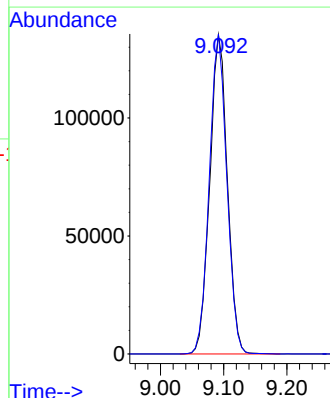
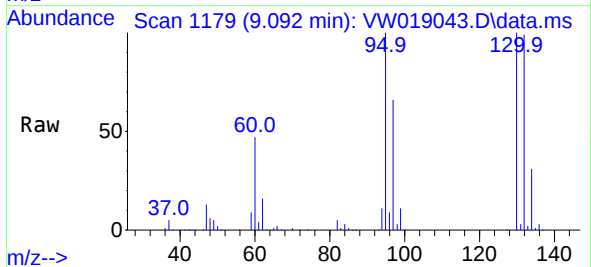
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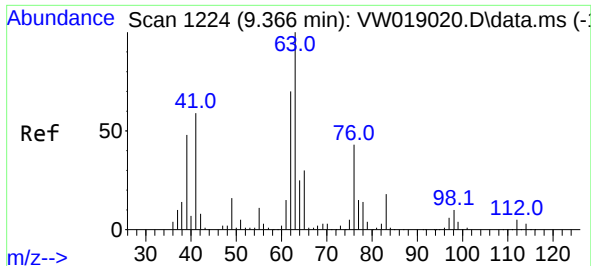


#44  
Trichloroethene  
Concen: 55.61 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion:130 Resp: 261582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 100.2 | 0.0   | 199.0 |





#45  
1,2-Dichloropropane  
Concen: 54.33 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

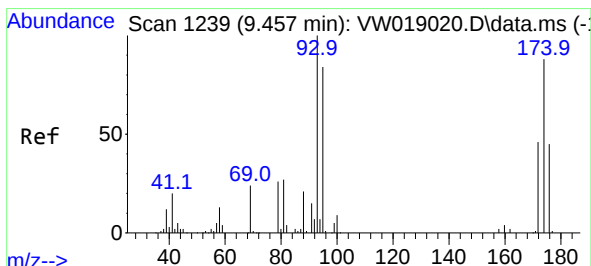
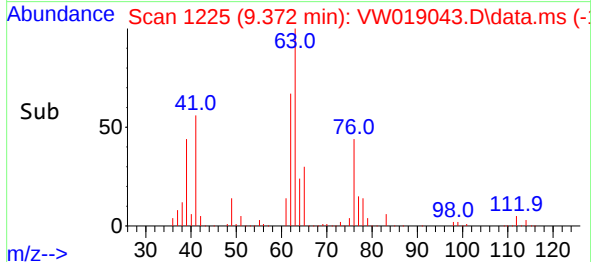
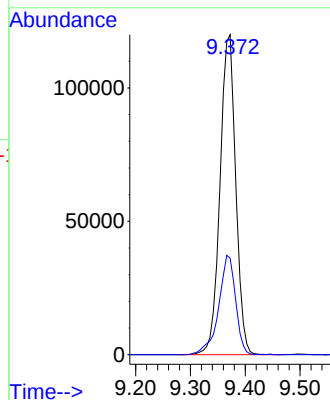
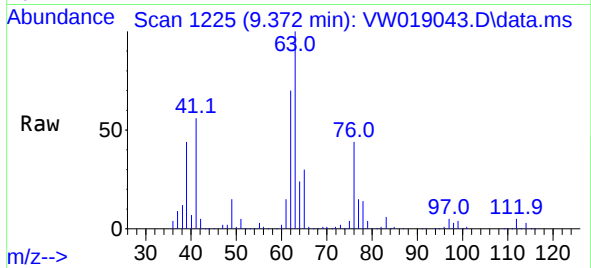
Tgt Ion: 63 Resp: 239737  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.1 36.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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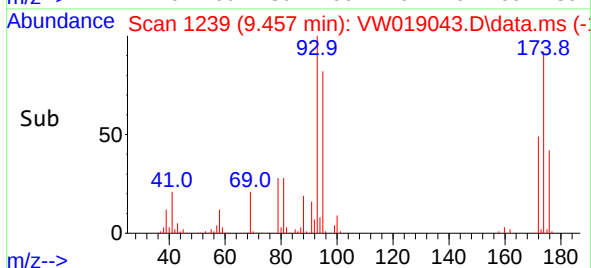
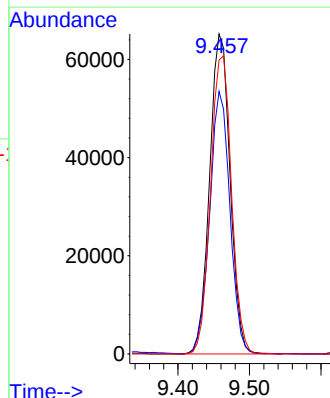
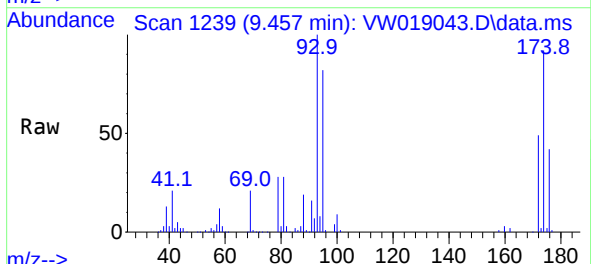
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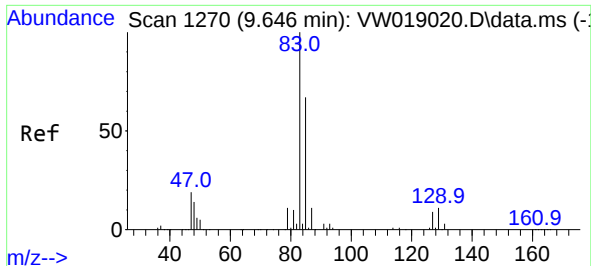
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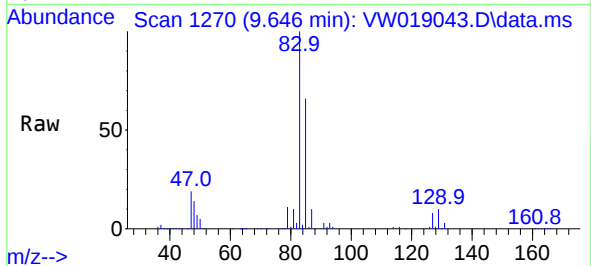
#46  
Dibromomethane  
Concen: 54.15 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 93 Resp: 129724  
Ion Ratio Lower Upper  
93 100  
95 81.1 66.7 100.1  
174 95.2 75.3 112.9

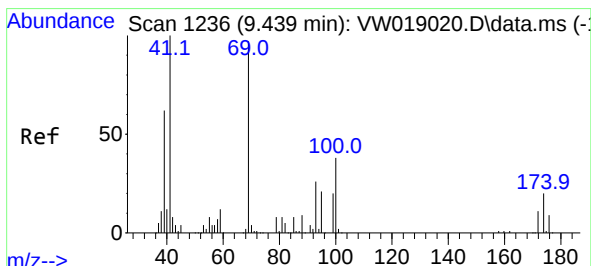
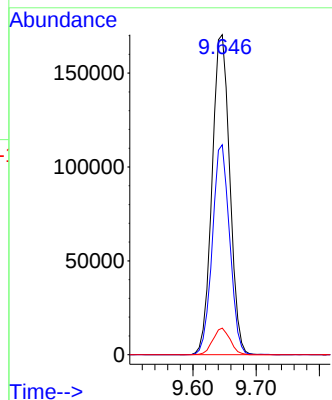
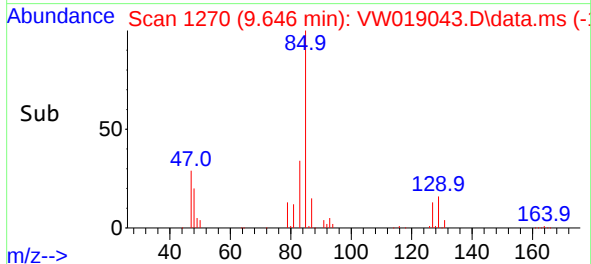




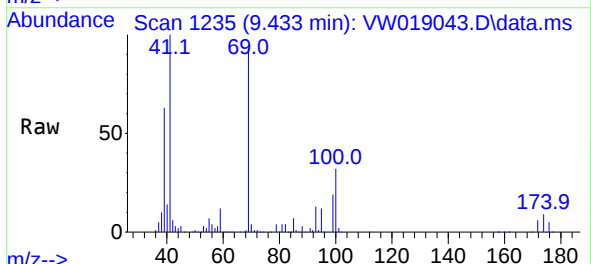
#47  
Bromodichloromethane  
Concen: 55.60 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



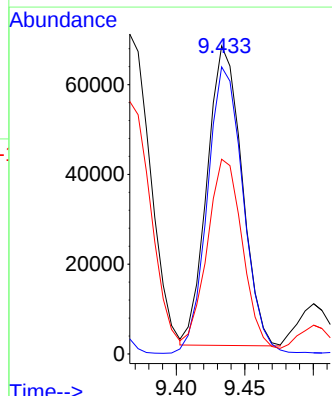
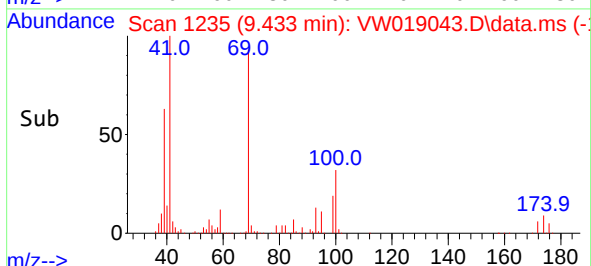
Tgt Ion: 83 Resp: 331099  
Ion Ratio Lower Upper  
83 100  
85 65.6 53.4 80.2  
127 8.3 7.0 10.6



#48  
Methyl methacrylate  
Concen: 54.39 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 41 Resp: 117587  
Ion Ratio Lower Upper  
41 100  
69 99.1 80.2 120.2  
39 63.5 51.5 77.3

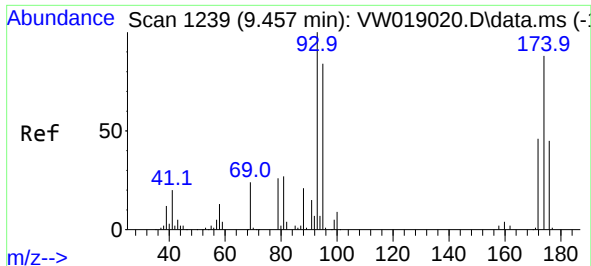


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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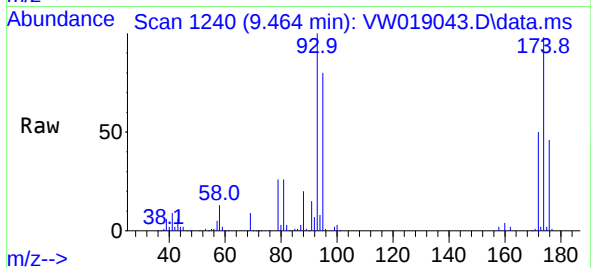
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#49  
1,4-Dioxane  
Concen: 1083.41 ug/l  
RT: 9.464 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

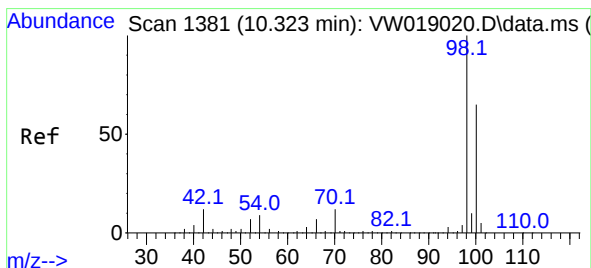
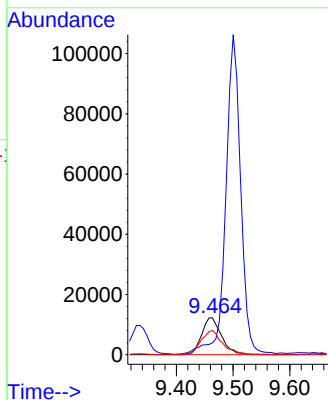
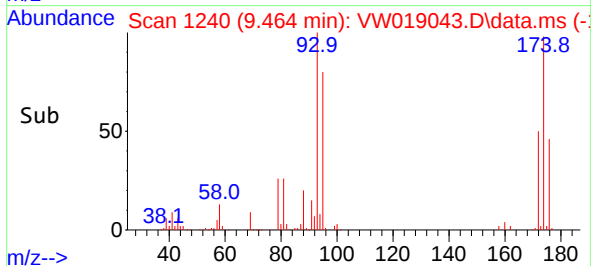


Tgt Ion: 88 Resp: 29587  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 72.2 55.4 83.2

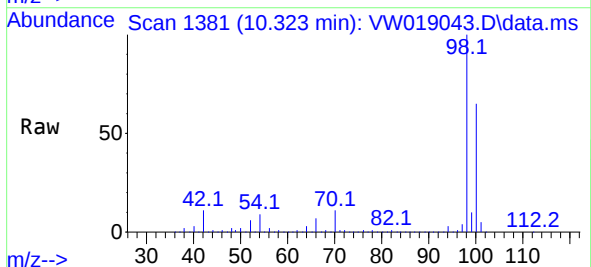
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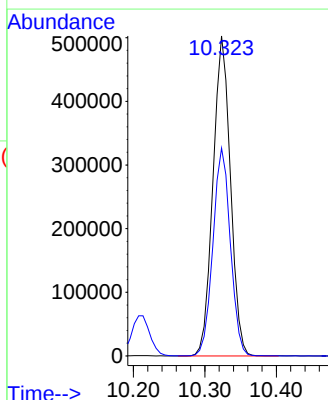
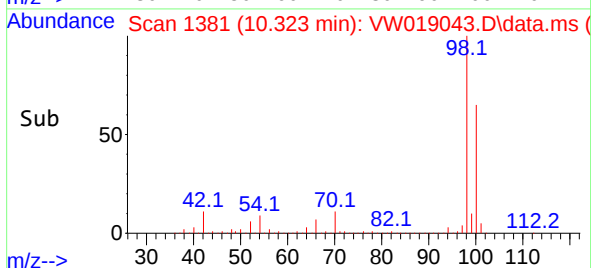
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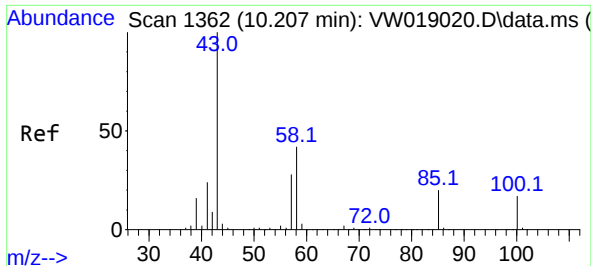


#50  
Toluene-d8  
Concen: 52.47 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 98 Resp: 851184  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 260.46 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

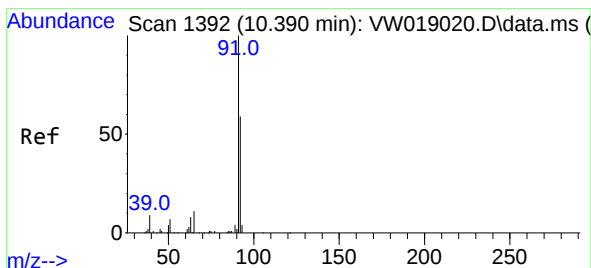
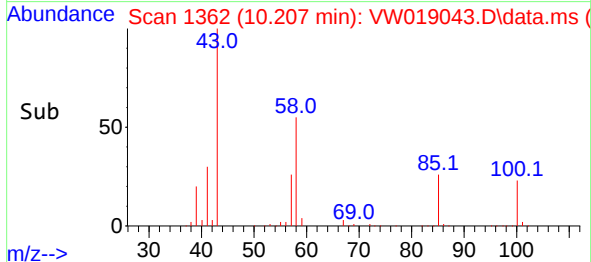
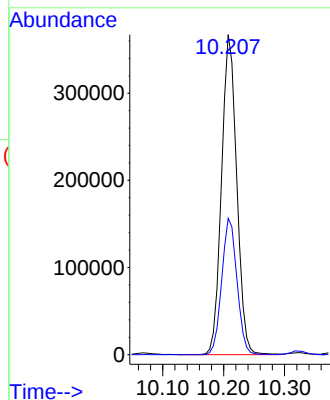
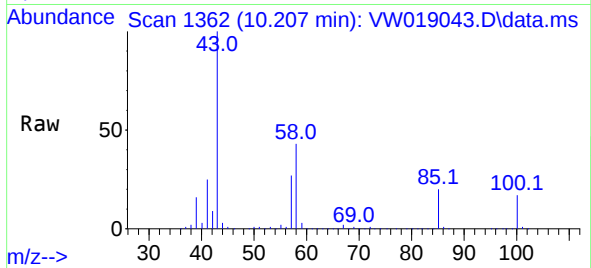
Tgt Ion: 43 Resp: 635380  
Ion Ratio Lower Upper  
43 100  
58 42.7 34.2 51.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
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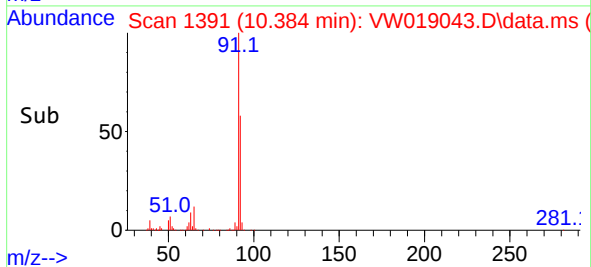
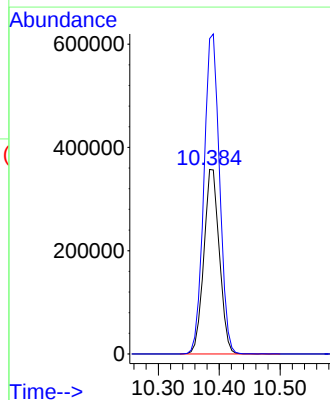
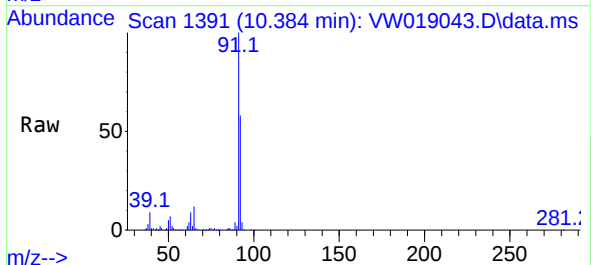
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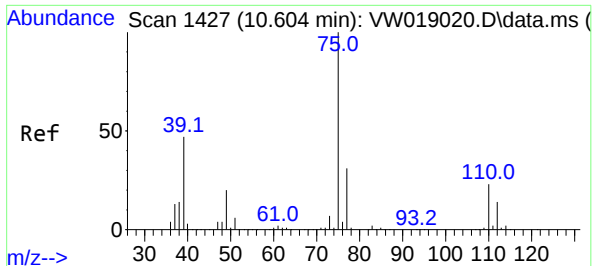
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#52  
Toluene  
Concen: 54.65 ug/l  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 92 Resp: 632040  
Ion Ratio Lower Upper  
92 100  
91 174.9 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 56.80 ug/l  
RT: 10.604 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

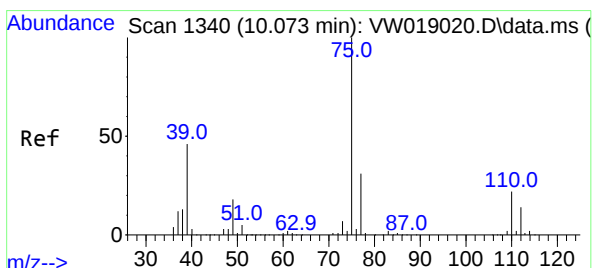
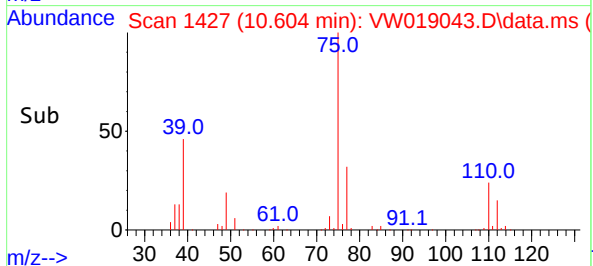
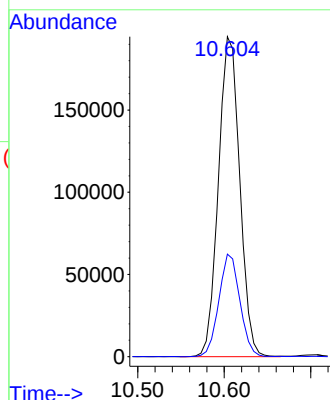
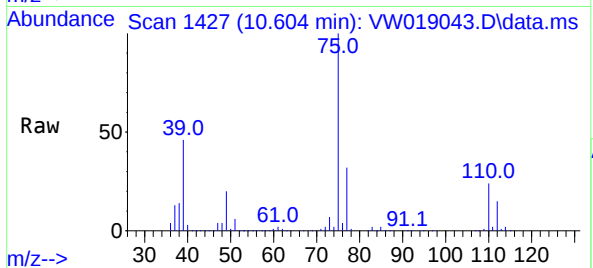
Tgt Ion: 75 Resp: 332694  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.8 37.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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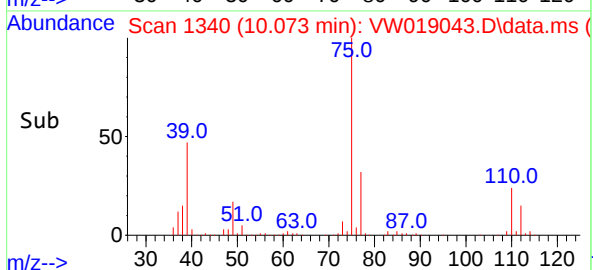
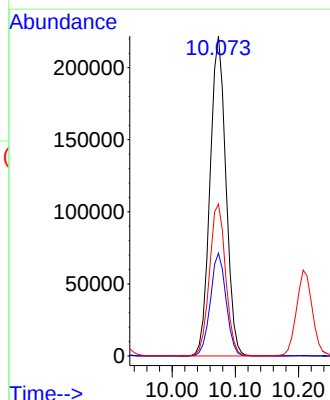
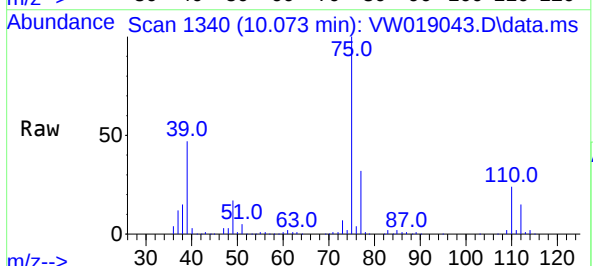
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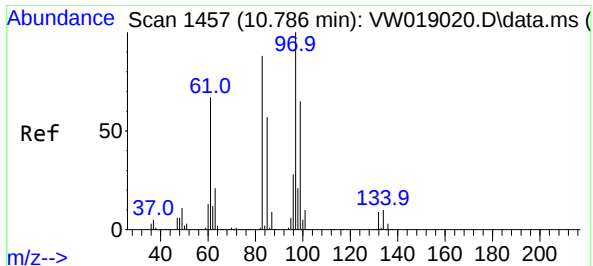
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#54  
cis-1,3-Dichloropropene  
Concen: 55.44 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 75 Resp: 386771  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.6  
39 47.4 36.9 55.3





#55  
1,1,2-Trichloroethane  
Concen: 54.21 ug/l  
RT: 10.787 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

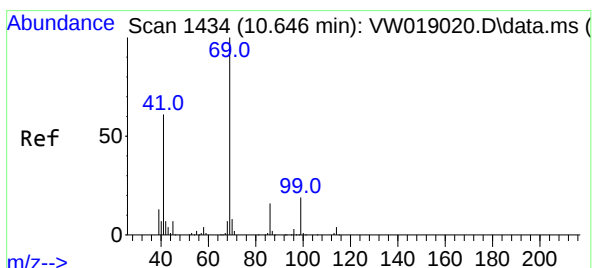
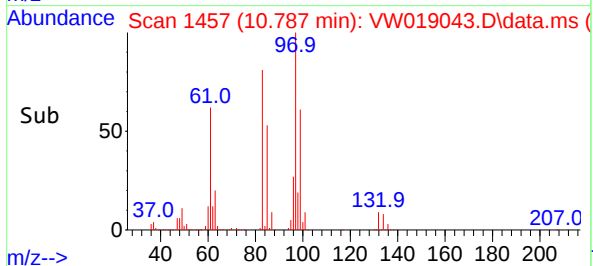
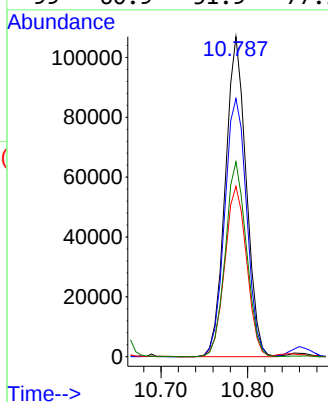
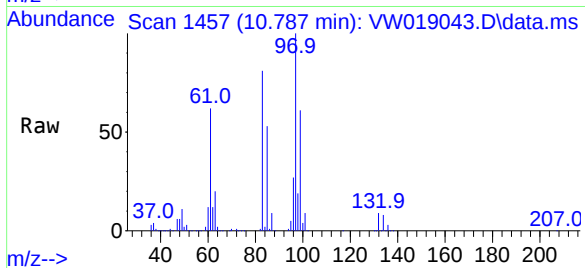
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 179513 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 80.6  | 70.6  | 106.0  |
| 85       | 53.2  | 45.8  | 68.6   |
| 99       | 60.9  | 51.9  | 77.9   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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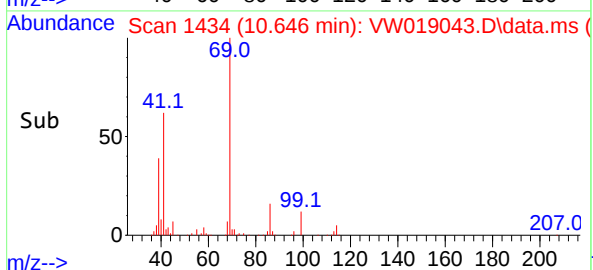
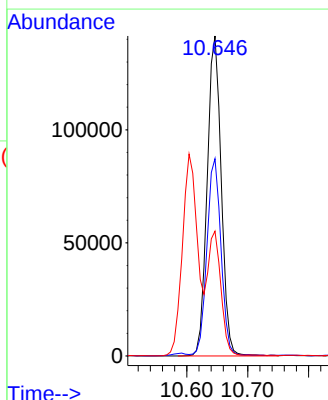
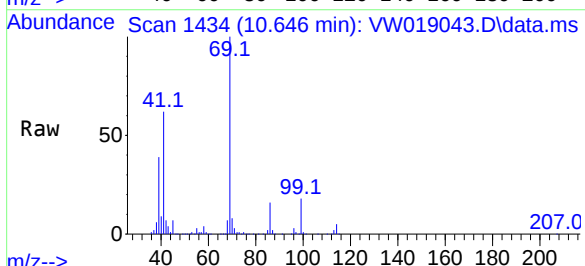
MMDadoda

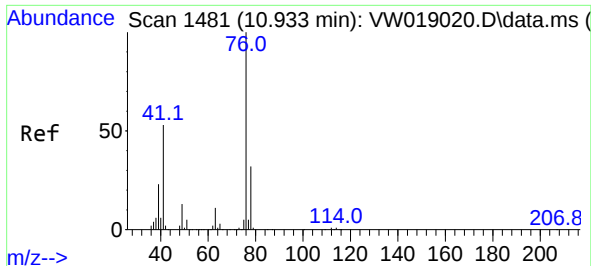
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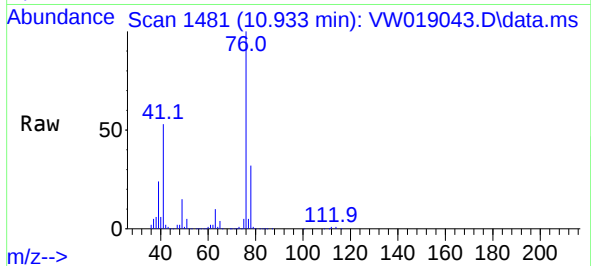
#56  
Ethyl methacrylate  
Concen: 54.55 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 226821 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.6  | 48.7  | 73.1   |
| 39       | 35.4  | 29.0  | 43.4   |

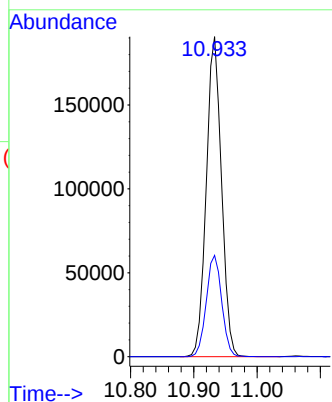
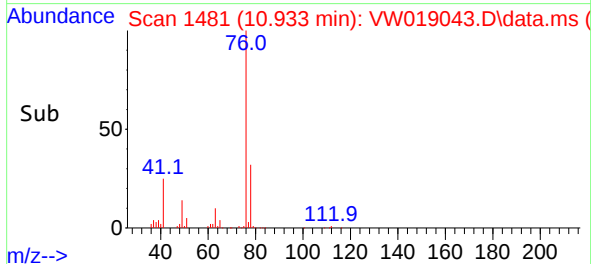




#57  
1,3-Dichloropropane  
Concen: 53.72 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 76 Resp: 318148  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.5 38.3

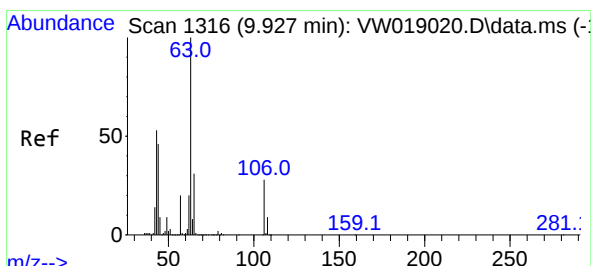


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

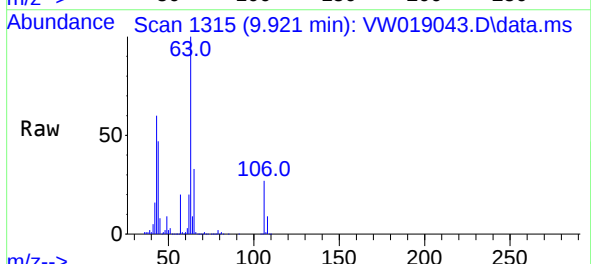
Manual Integrations  
APPROVED

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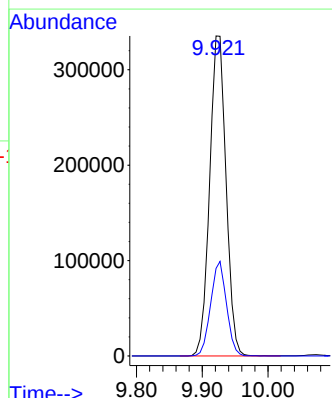
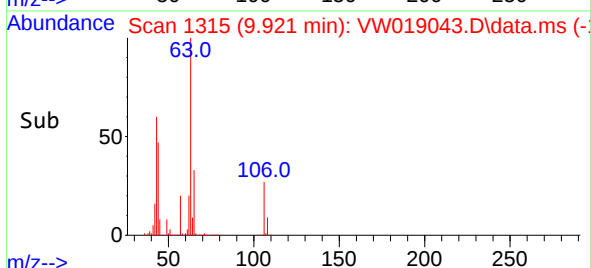
5/21/2021 1:48:53 PM

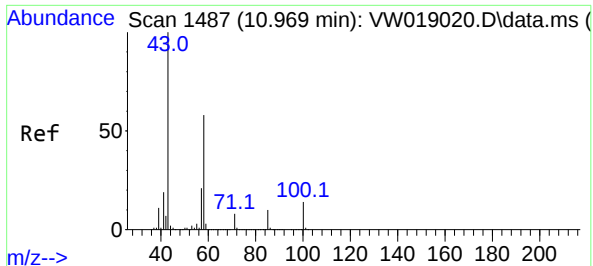


#58  
2-Chloroethyl Vinyl ether  
Concen: 270.78 ug/l  
RT: 9.921 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 63 Resp: 582419  
Ion Ratio Lower Upper  
63 100  
106 28.4 22.3 33.5





#59  
2-Hexanone  
Concen: 270.82 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

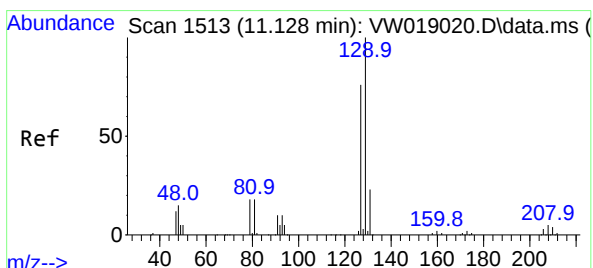
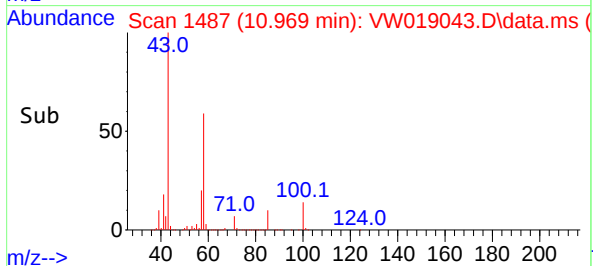
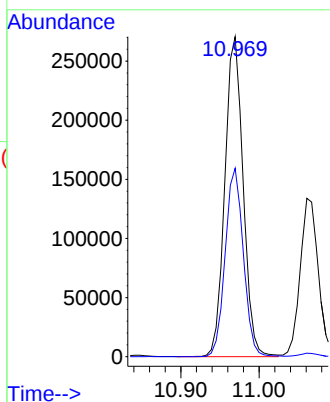
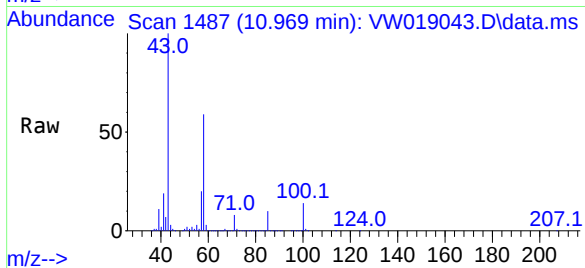
Tgt Ion: 43 Resp: 439103  
Ion Ratio Lower Upper  
43 100  
58 58.5 29.0 87.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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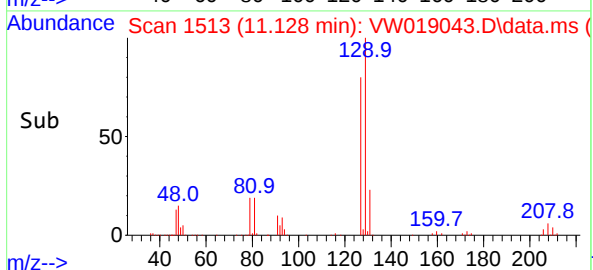
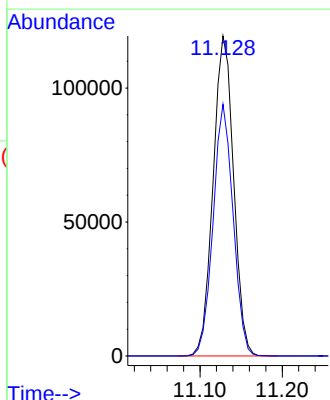
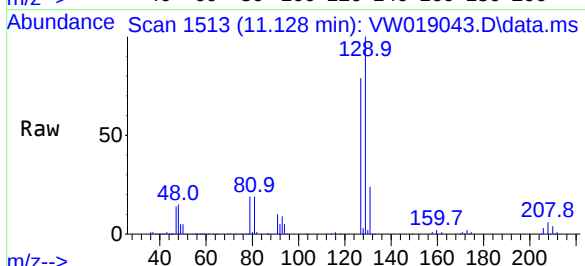
MMDadoda

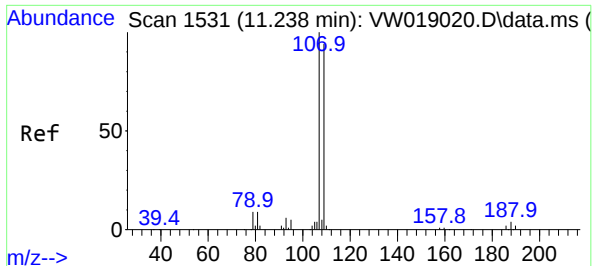
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#60  
Dibromochloromethane  
Concen: 55.79 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

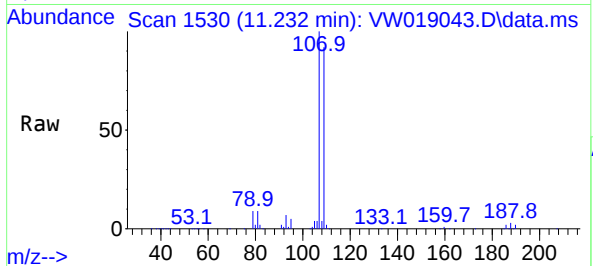
Tgt Ion:129 Resp: 206743  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.2 114.6





#61  
1,2-Dibromoethane  
Concen: 53.55 ug/l  
RT: 11.232 min Scan# 1530  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

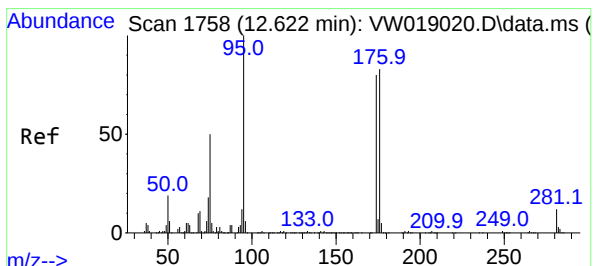
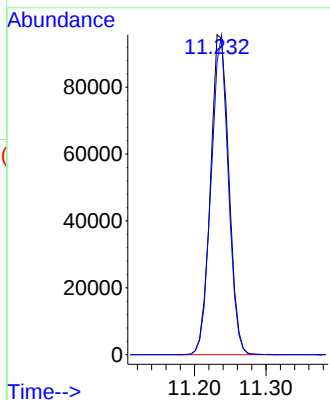
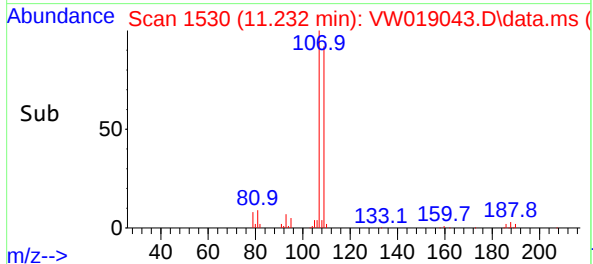


Tgt Ion:107 Resp: 170551  
Ion Ratio Lower Upper  
107 100  
109 94.1 73.9 110.9

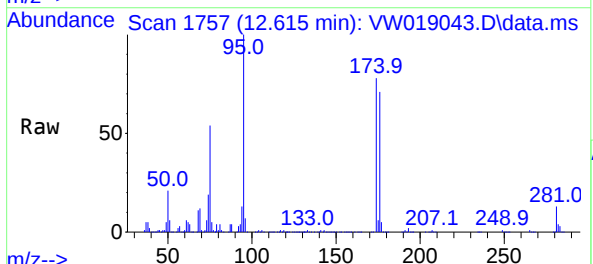
Manual Integrations  
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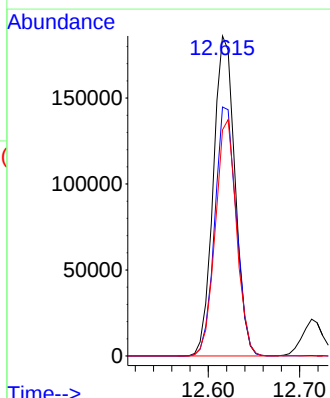
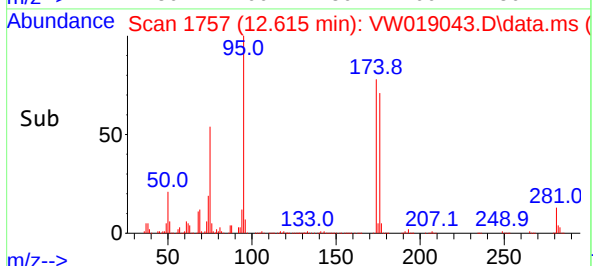
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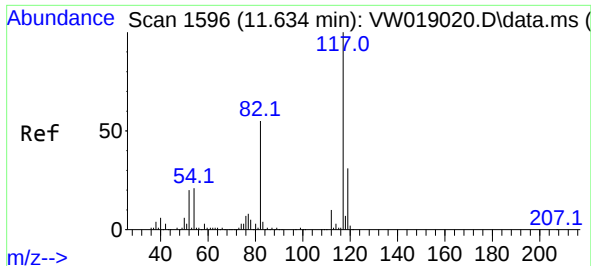


#62  
4-Bromofluorobenzene  
Concen: 51.62 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.007 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



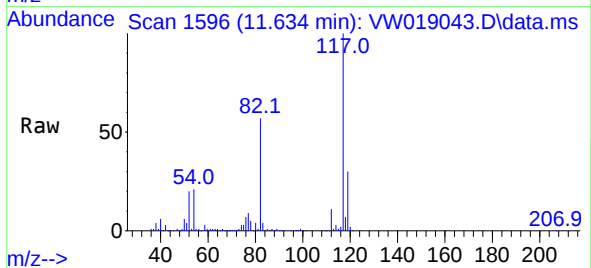
Tgt Ion: 95 Resp: 306995  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 156.2  
176 72.2 0.0 160.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

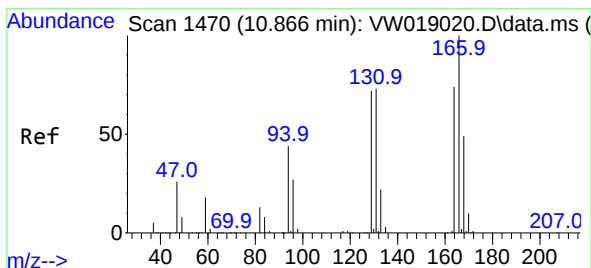
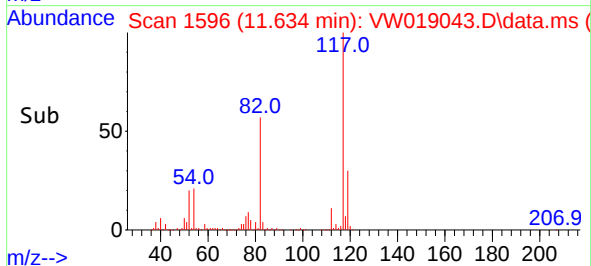
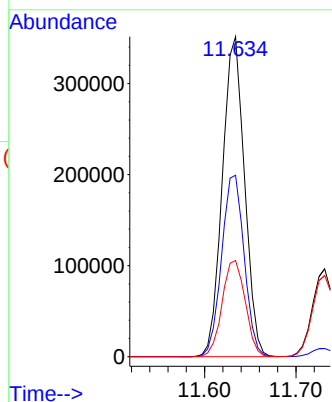


Tgt Ion:117 Resp: 593544  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.4 66.6  
119 30.0 24.6 36.8

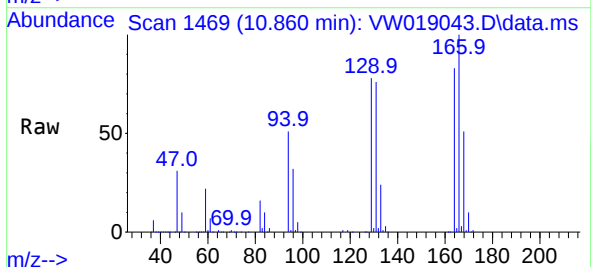
Manual Integrations  
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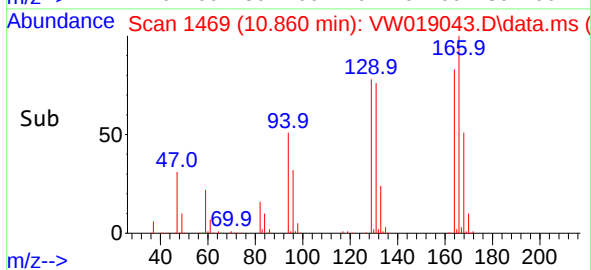
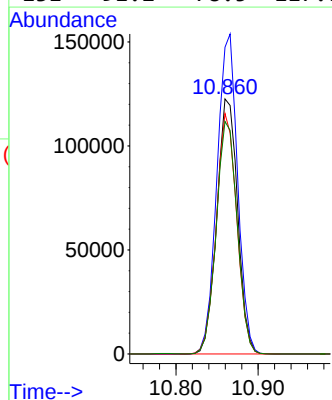
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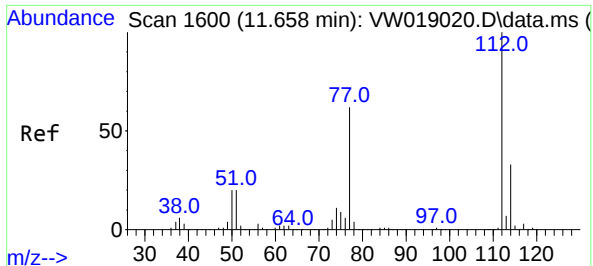


#64  
Tetrachloroethene  
Concen: 56.16 ug/l  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

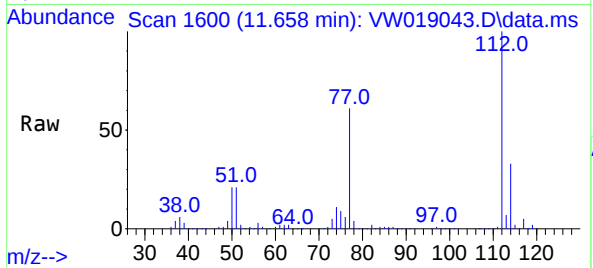


Tgt Ion:164 Resp: 216538  
Ion Ratio Lower Upper  
164 100  
166 120.3 107.8 161.8  
129 94.3 77.3 115.9  
131 91.2 78.5 117.7

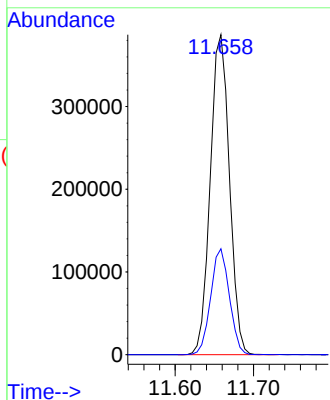
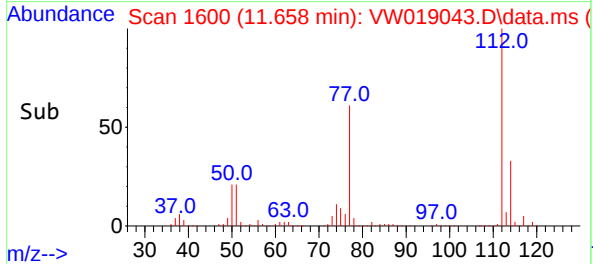




#65  
Chlorobenzene  
Concen: 54.49 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion:112 Resp: 658022  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.4 39.6

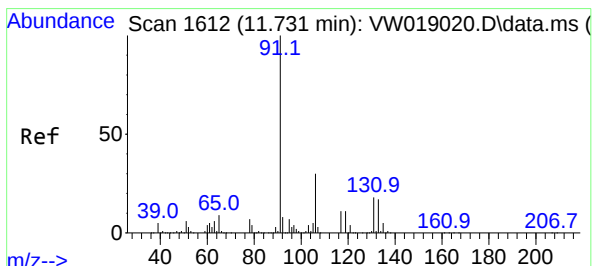


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

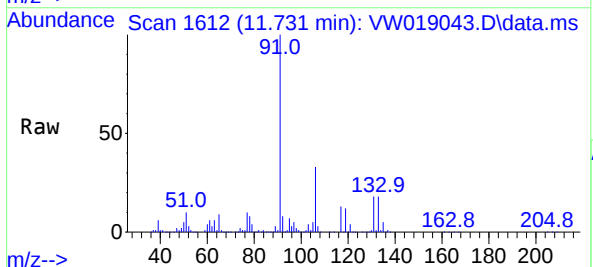
Manual Integrations  
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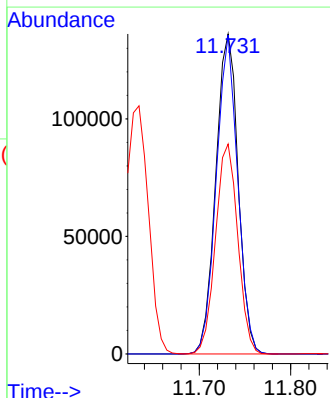
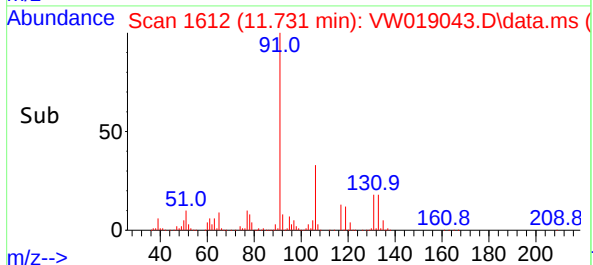
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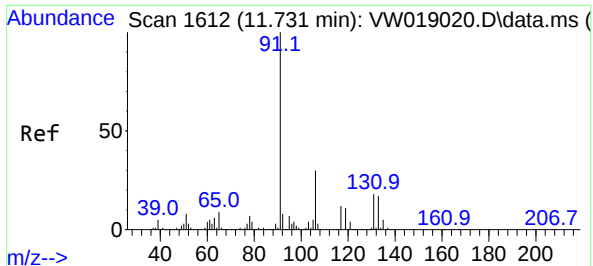


#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.14 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



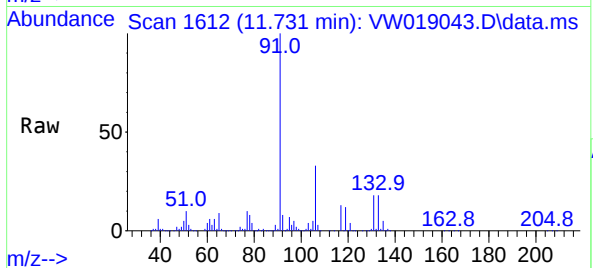
Tgt Ion:131 Resp: 231360  
Ion Ratio Lower Upper  
131 100  
133 95.2 48.1 144.3  
119 65.4 33.1 99.2





#67  
Ethyl Benzene  
Concen: 55.47 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

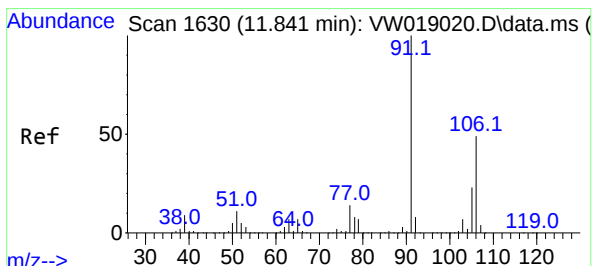
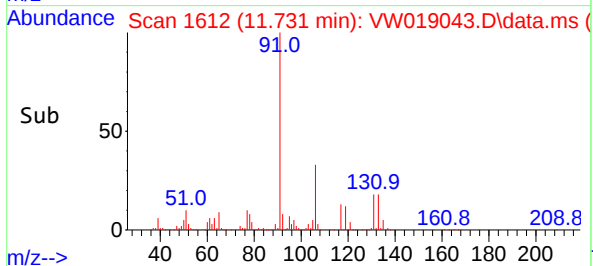
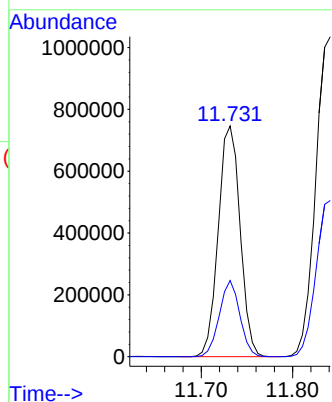


Tgt Ion: 91 Resp: 1238863  
Ion Ratio Lower Upper  
91 100  
106 33.0 24.0 36.0

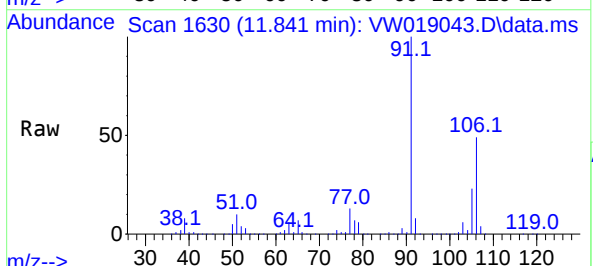
Manual Integrations  
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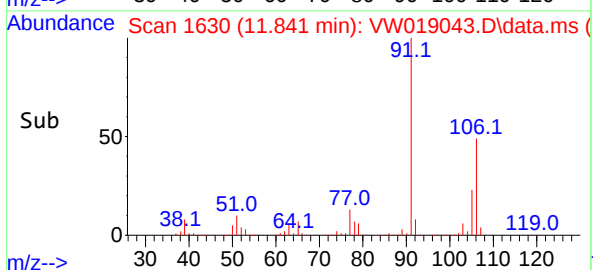
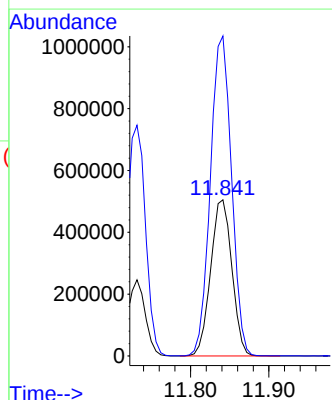
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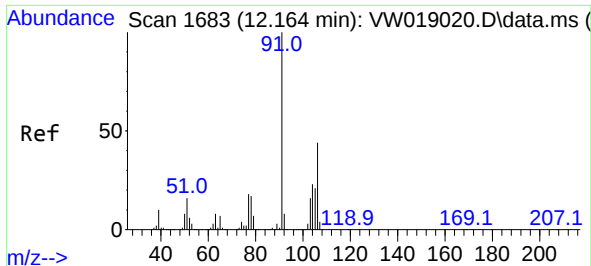


#68  
m/p-Xylenes  
Concen: 113.22 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

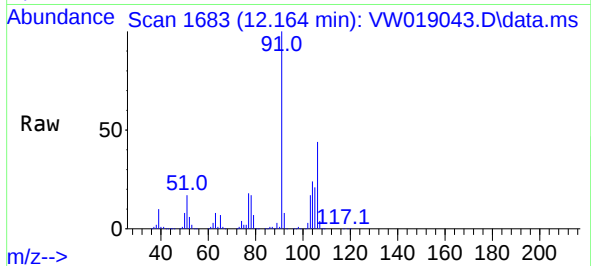


Tgt Ion: 106 Resp: 950122  
Ion Ratio Lower Upper  
106 100  
91 204.1 164.2 246.2

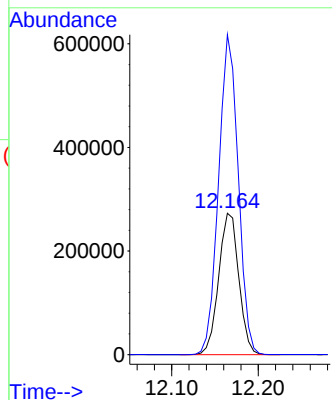




#69  
o-Xylene  
Concen: 56.31 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion:106 Resp: 440605  
Ion Ratio Lower Upper  
106 100  
91 221.1 109.1 327.2

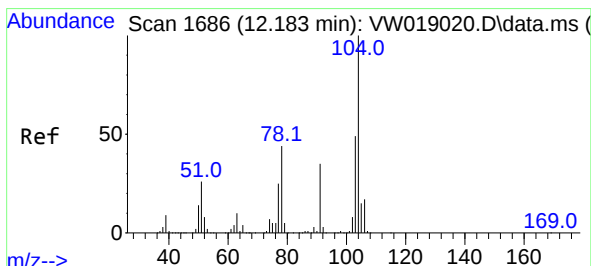
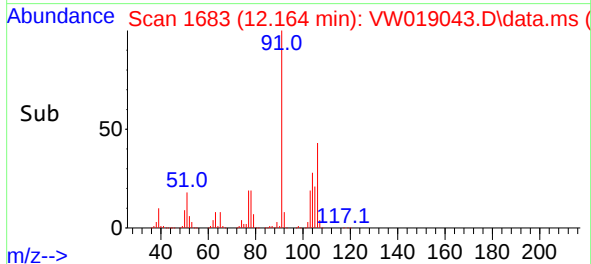


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

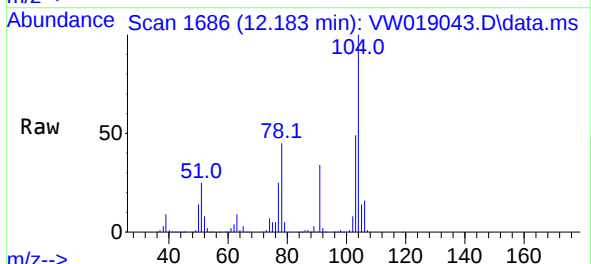
Manual Integrations  
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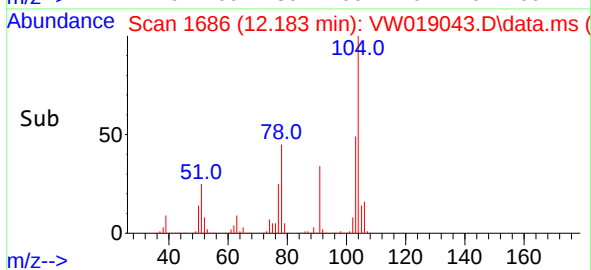
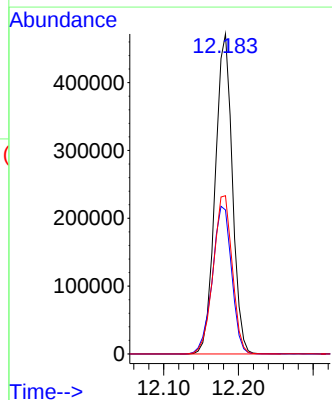
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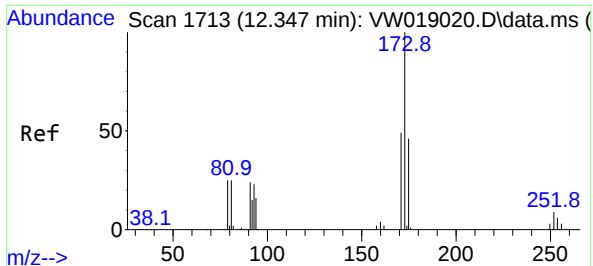


#70  
Styrene  
Concen: 56.57 ug/l  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion:104 Resp: 751255  
Ion Ratio Lower Upper  
104 100  
78 51.8 41.3 61.9  
103 54.9 44.1 66.1





#71  
Bromoform  
Concen: 54.47 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

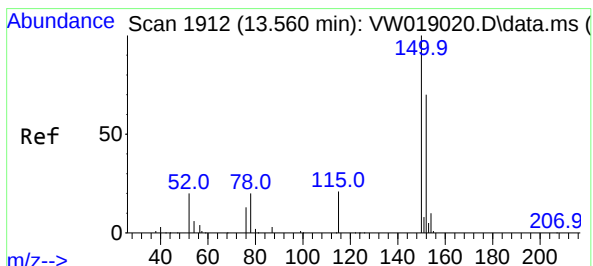
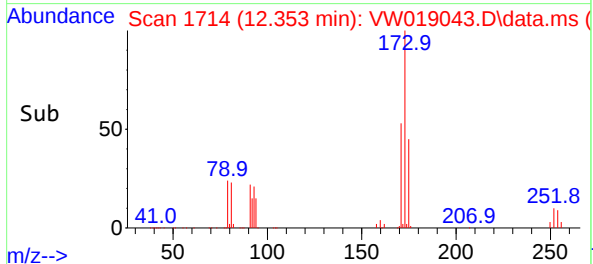
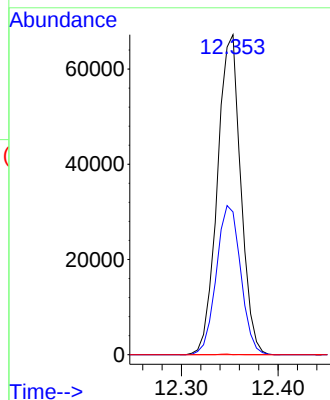
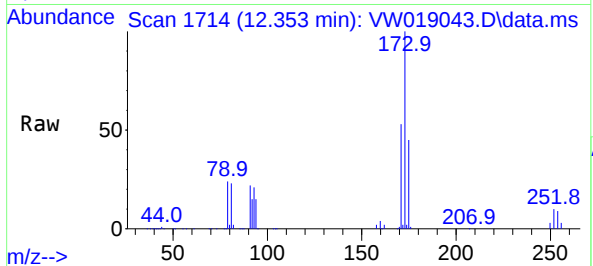
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 112670 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.7  | 24.6  | 73.8   |
| 254       | 0.1   | 0.1   | 0.1    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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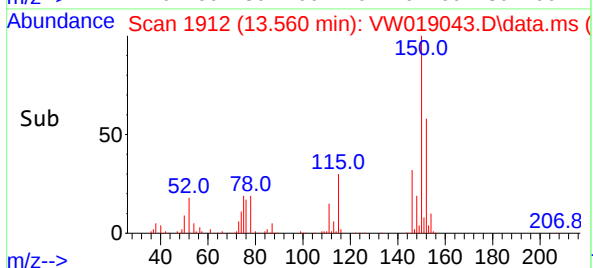
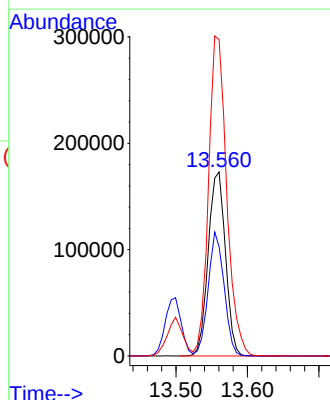
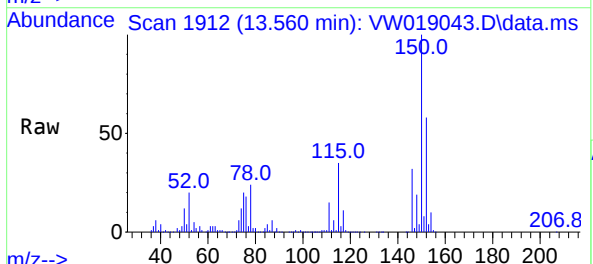
MMDadoda

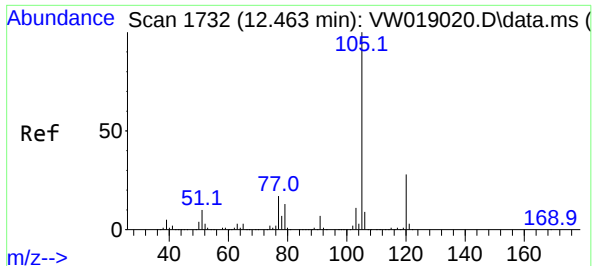
5/21/2021 1:48:53 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

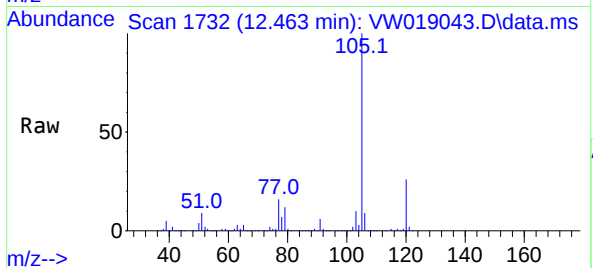
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 290275 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.1  | 30.3  | 90.8   |
| 150       | 182.3 | 0.0   | 356.0  |





#73  
Isopropylbenzene  
Concen: 57.73 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

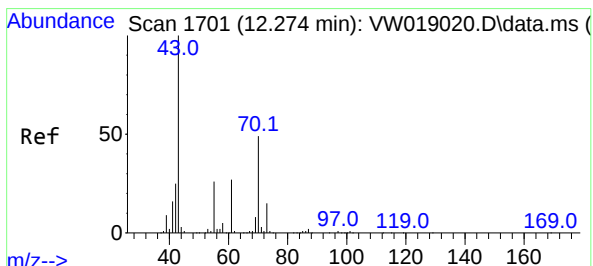
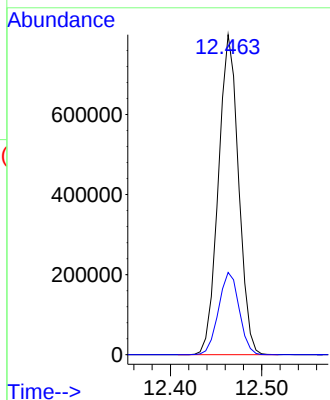
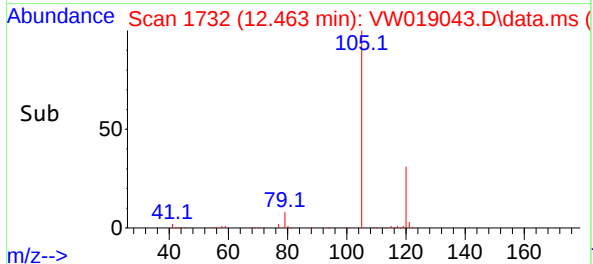


Tgt Ion:105 Resp: 1228342  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.2 39.5

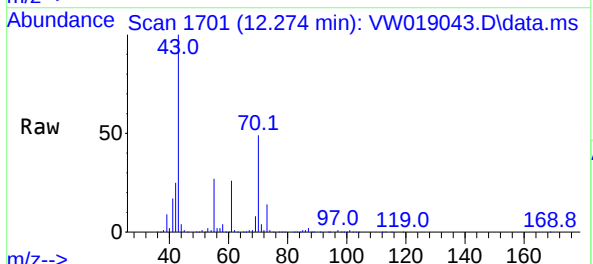
Manual Integrations  
APPROVED

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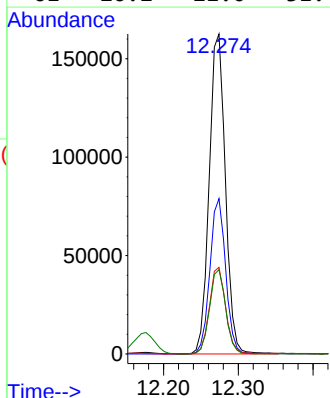
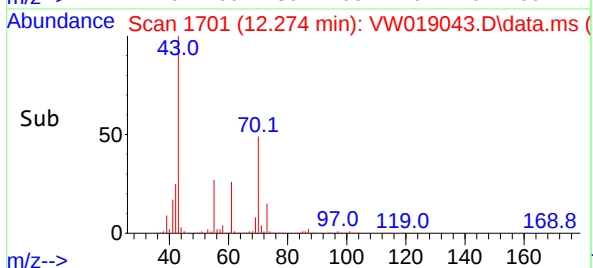
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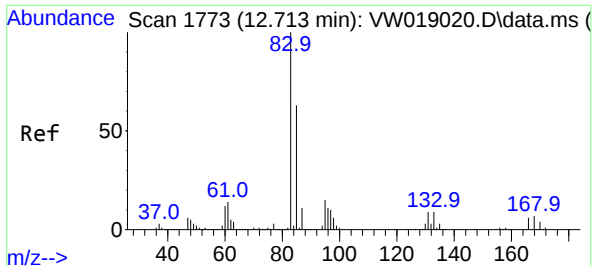


#74  
N-ethyl acetate  
Concen: 55.90 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



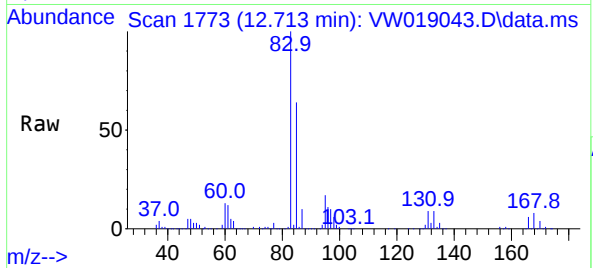
Tgt Ion: 43 Resp: 245318  
Ion Ratio Lower Upper  
43 100  
70 47.4 38.4 57.6  
55 27.5 21.6 32.4  
61 26.2 21.0 31.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.03 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

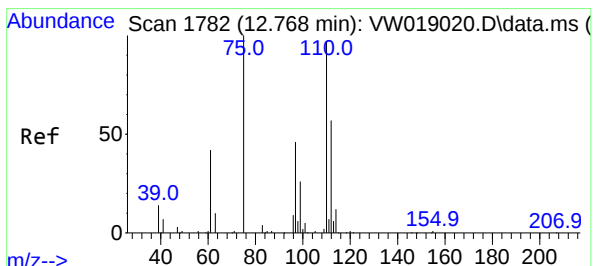
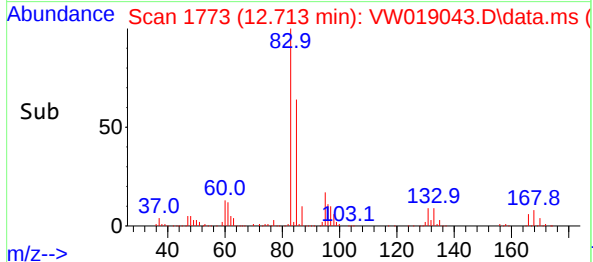
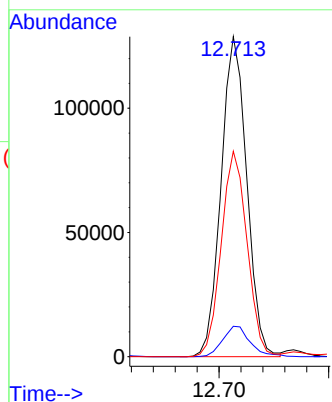


Tgt Ion: 83 Resp: 209477  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.2  
85 64.6 31.6 94.8

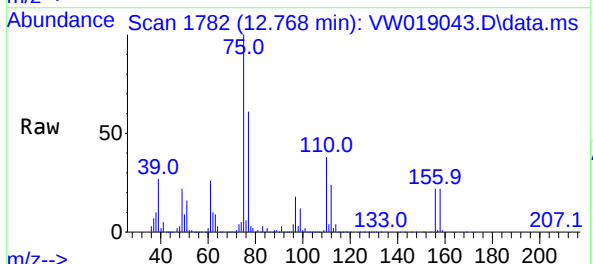
Manual Integrations  
APPROVED

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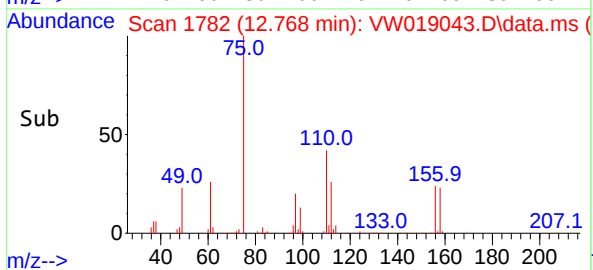
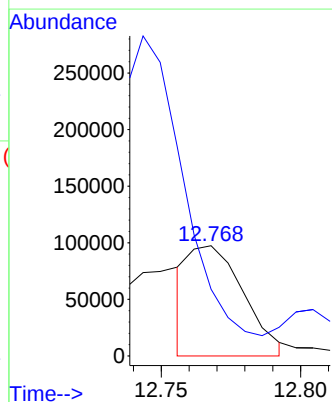
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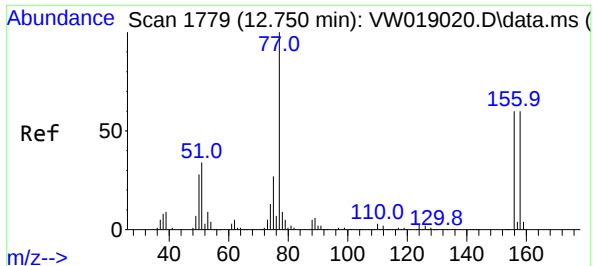


#76  
1,2,3-Trichloropropane  
Concen: 48.63 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

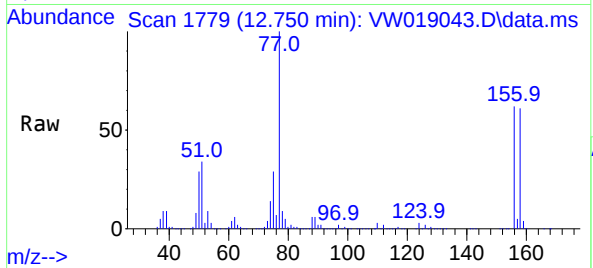


Tgt Ion: 75 Resp: 133296  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

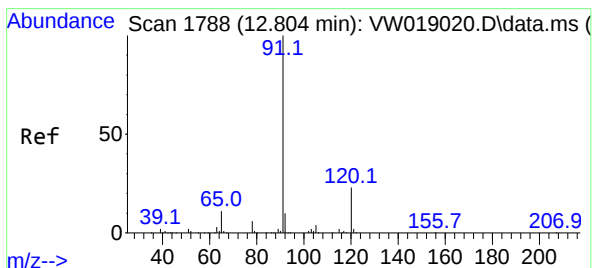
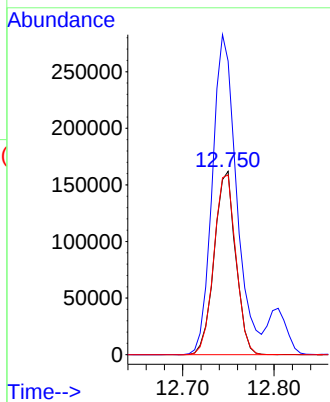
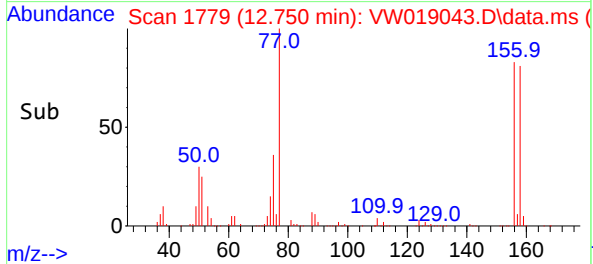




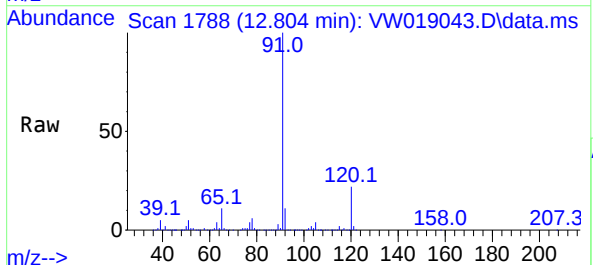
#77  
Bromobenzene  
Concen: 56.36 ug/l  
RT: 12.750 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



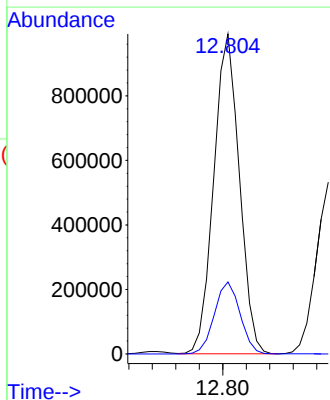
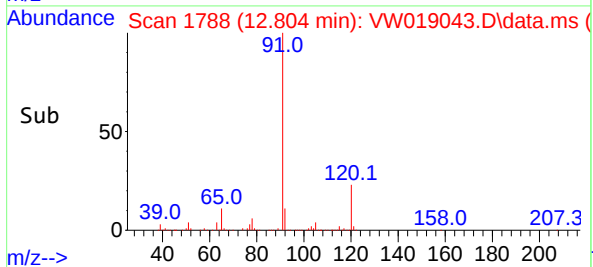
Tgt Ion:156 Resp: 264345  
Ion Ratio Lower Upper  
156 100  
77 196.7 96.7 290.0  
158 100.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 57.60 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion: 91 Resp: 1498273  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.1 33.3

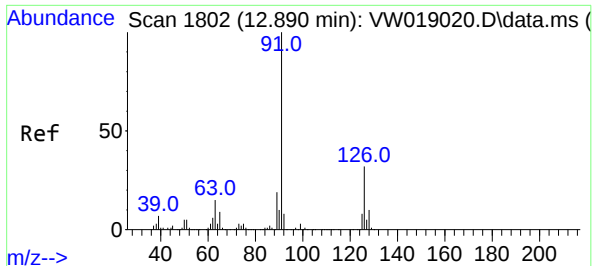


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Manual Integrations  
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#79  
2-Chlorotoluene  
Concen: 56.86 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

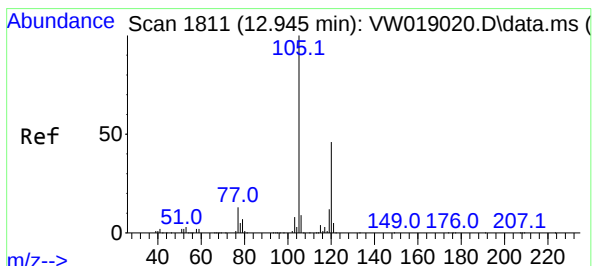
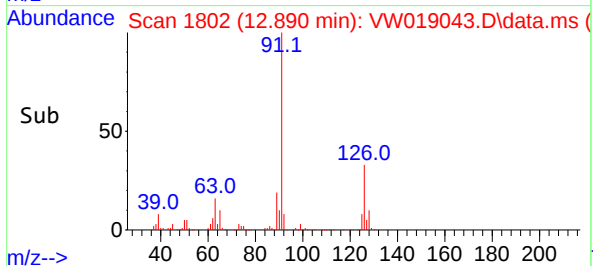
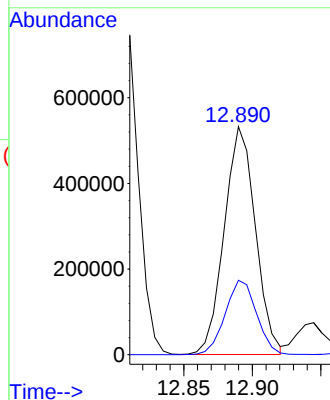
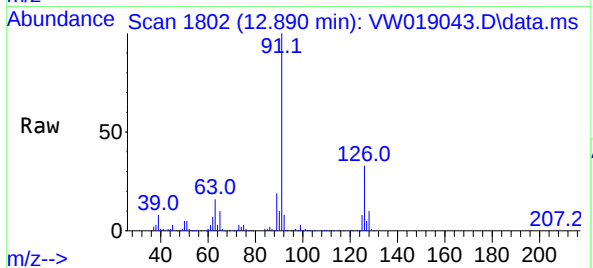
Tgt Ion: 91 Resp: 842732  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.5 49.5

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Manual Integrations  
APPROVED

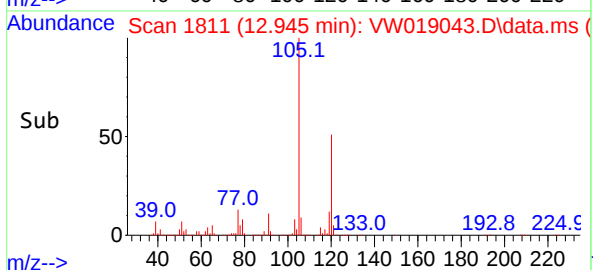
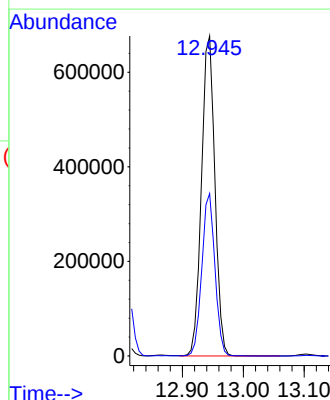
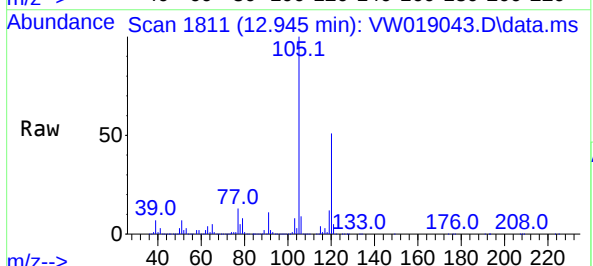
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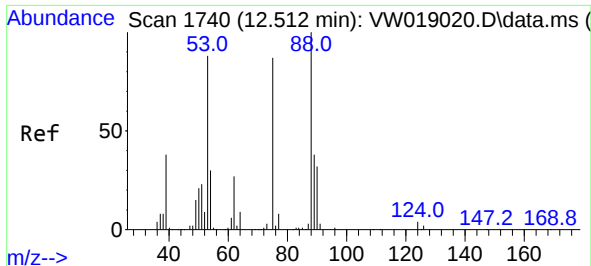
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#80  
1,3,5-Trimethylbenzene  
Concen: 57.39 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

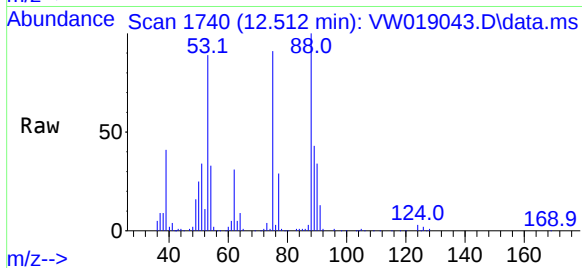
Tgt Ion: 105 Resp: 1036504  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.48 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

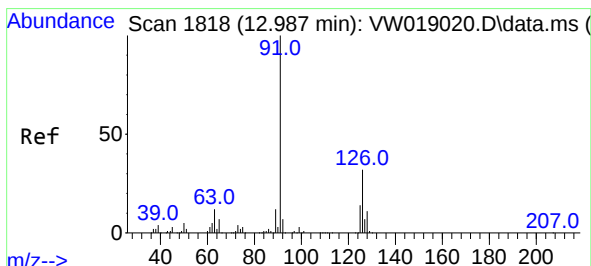
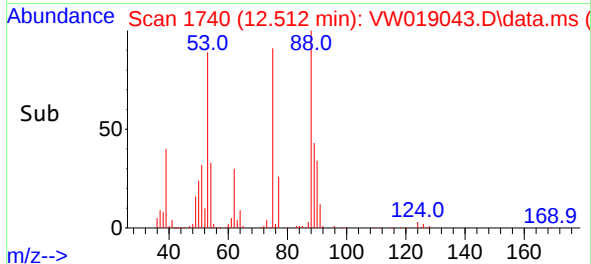
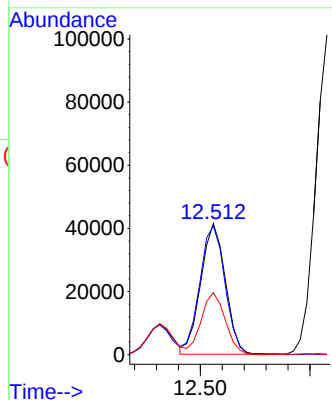


Tgt Ion: 75 Resp: 64640  
Ion Ratio Lower Upper  
75 100  
53 101.5 81.5 122.3  
89 46.2 36.3 54.5

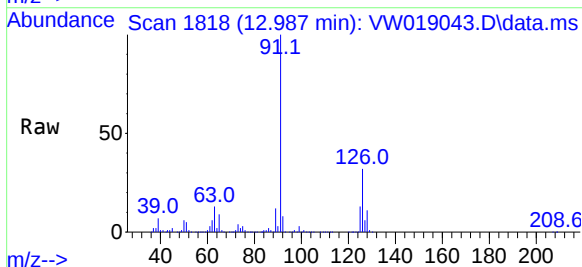
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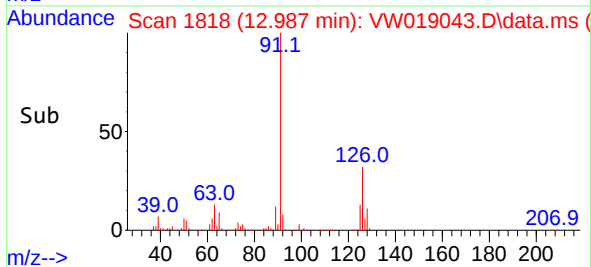
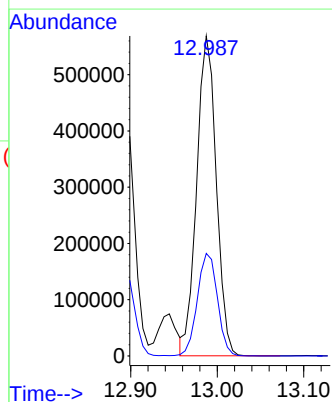
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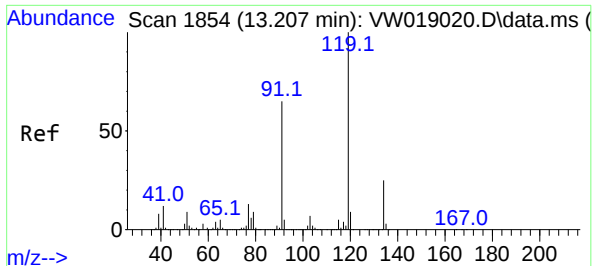


#82  
4-Chlorotoluene  
Concen: 56.69 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

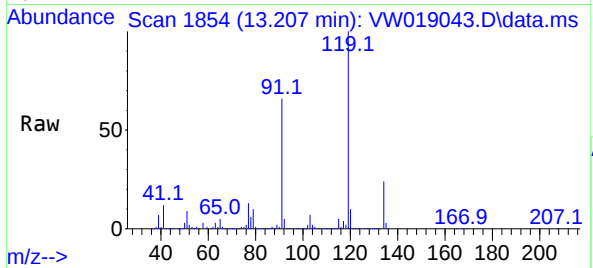


Tgt Ion: 91 Resp: 891790  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.1 48.2

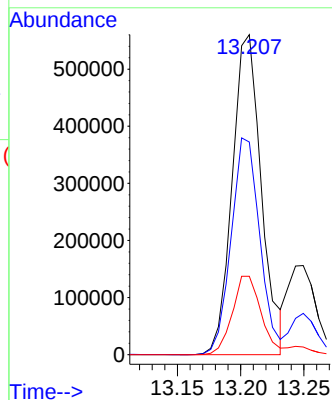




#83  
tert-Butylbenzene  
Concen: 59.04 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion:119 Resp: 898794  
Ion Ratio Lower Upper  
119 100  
91 66.6 34.0 102.0  
134 24.7 13.0 38.9

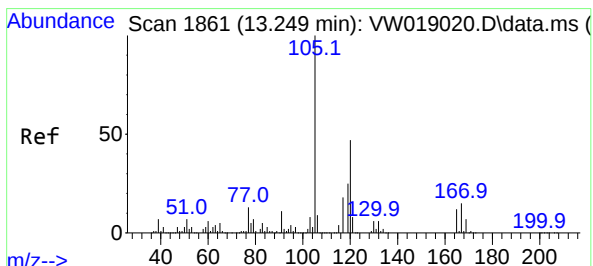
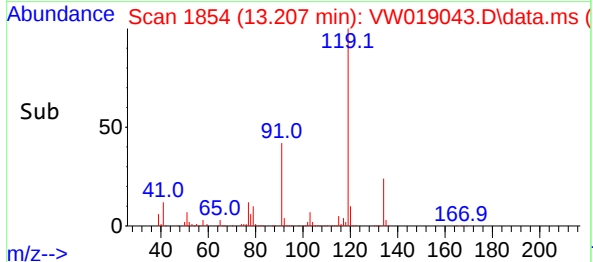


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

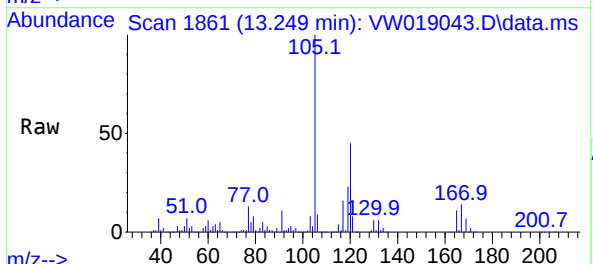
Manual Integrations  
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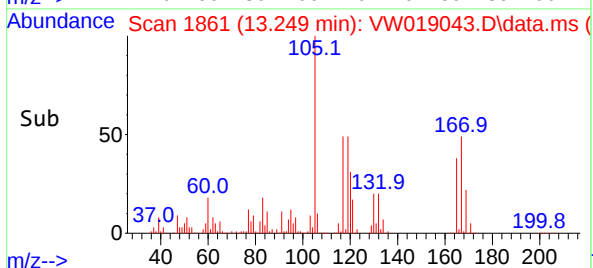
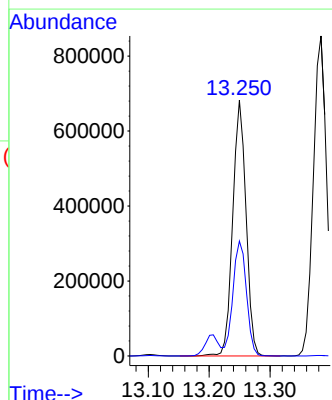
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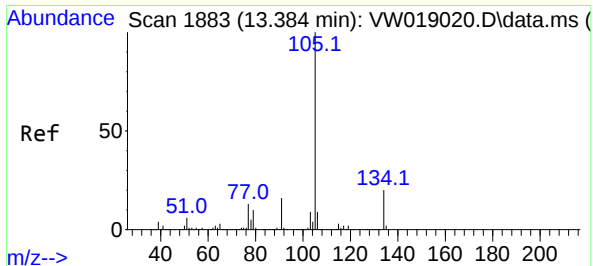


#84  
1,2,4-Trimethylbenzene  
Concen: 57.62 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



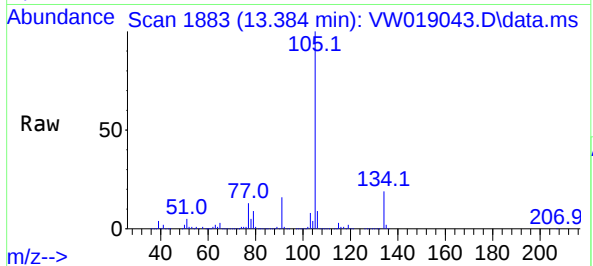
Tgt Ion:105 Resp: 1032985  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.4 67.0





#85  
sec-Butylbenzene  
Concen: 57.84 ug/l  
RT: 13.384 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

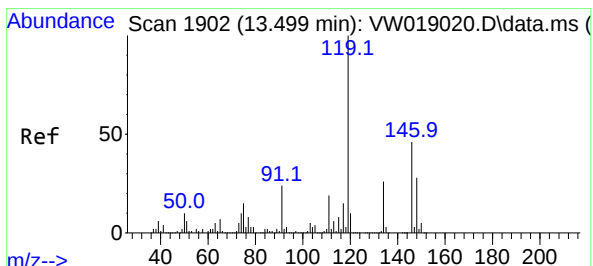
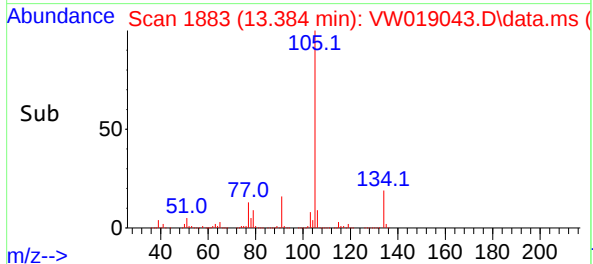
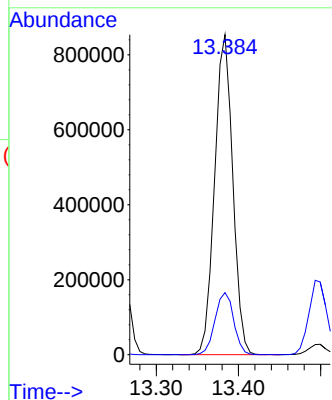


Tgt Ion:105 Resp: 1305776  
Ion Ratio Lower Upper  
105 100  
134 20.0 10.1 30.1

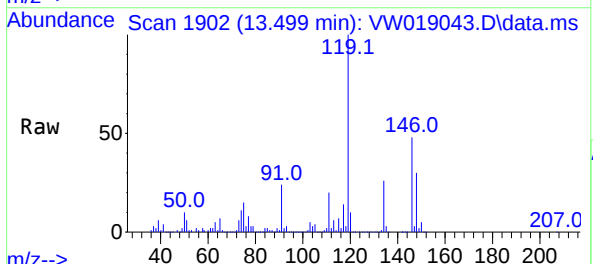
Manual Integrations  
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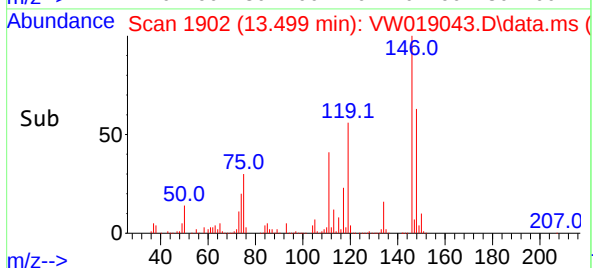
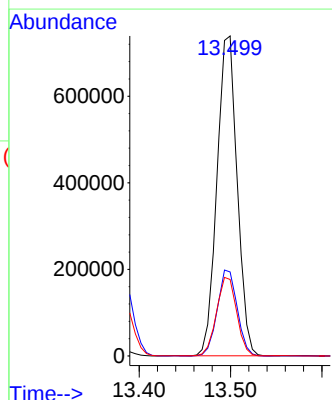
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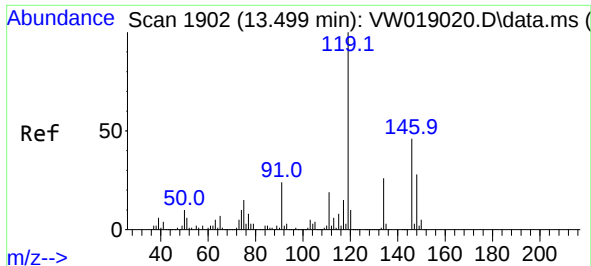


#86  
p-Isopropyltoluene  
Concen: 58.02 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41



Tgt Ion:119 Resp: 1134476  
Ion Ratio Lower Upper  
119 100  
134 26.5 12.8 38.3  
91 24.5 12.1 36.3





#87  
1,3-Dichlorobenzene  
Concen: 56.89 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

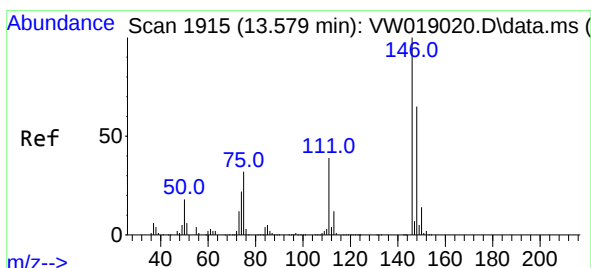
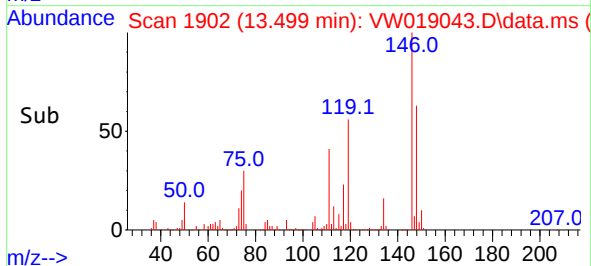
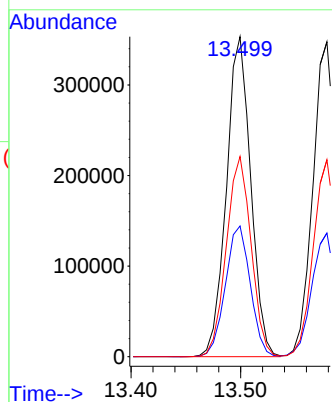
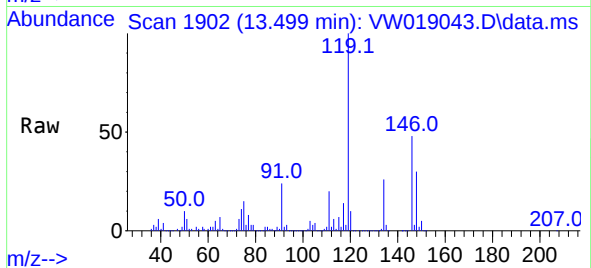
Tgt Ion:146 Resp: 544963  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.7 62.1  
148 63.8 31.8 95.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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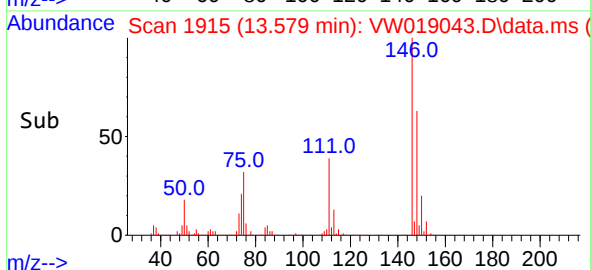
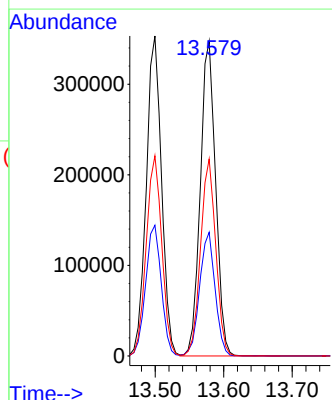
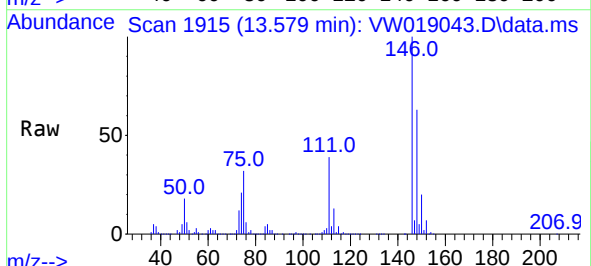
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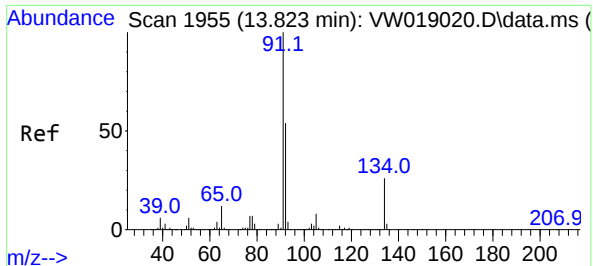
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#88  
1,4-Dichlorobenzene  
Concen: 57.33 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

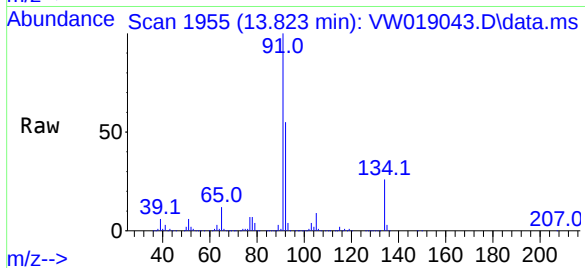
Tgt Ion:146 Resp: 541345  
Ion Ratio Lower Upper  
146 100  
111 39.7 20.1 60.3  
148 62.2 32.4 97.2





#89  
n-Butylbenzene  
Concen: 58.39 ug/l  
RT: 13.823 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

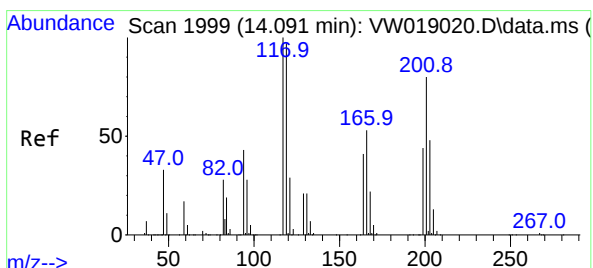
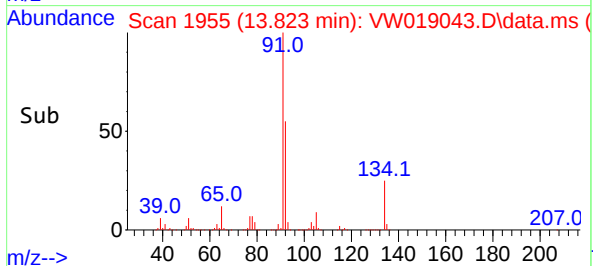
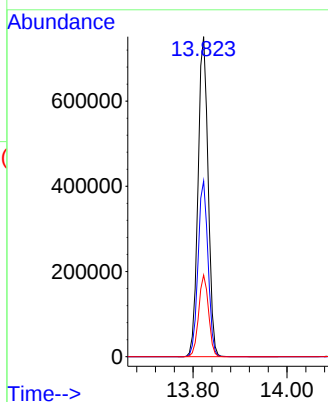


Tgt Ion: 91 Resp: 1122788  
Ion Ratio Lower Upper  
91 100  
92 54.3 26.6 79.8  
134 24.9 12.7 38.0

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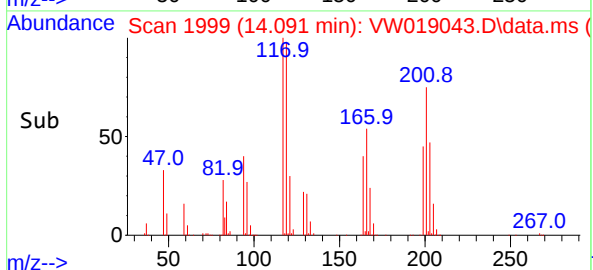
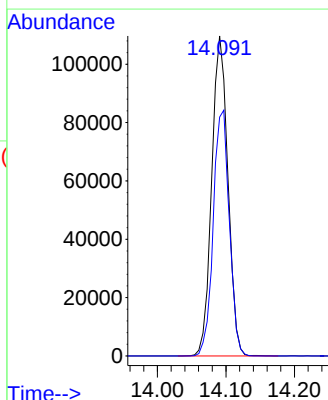
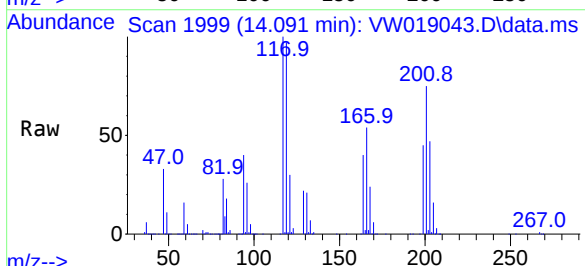
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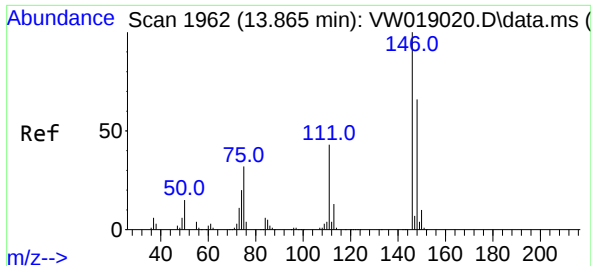
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#90  
Hexachloroethane  
Concen: 58.72 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion: 117 Resp: 179993  
Ion Ratio Lower Upper  
117 100  
201 76.2 38.4 115.2





#91  
1,2-Dichlorobenzene  
Concen: 55.78 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

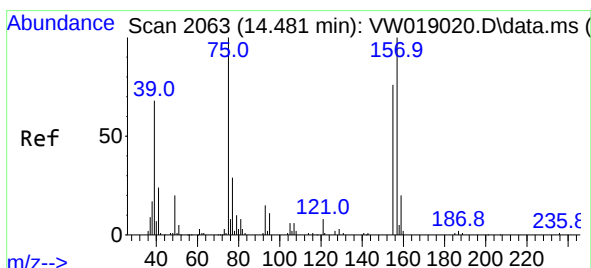
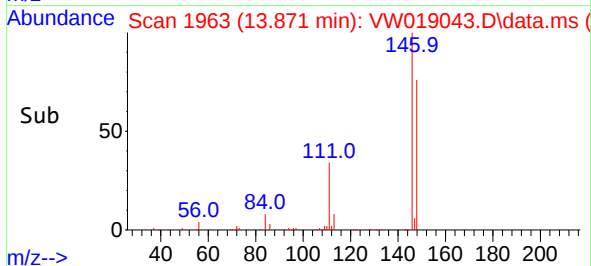
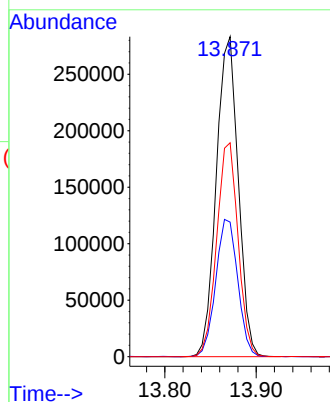
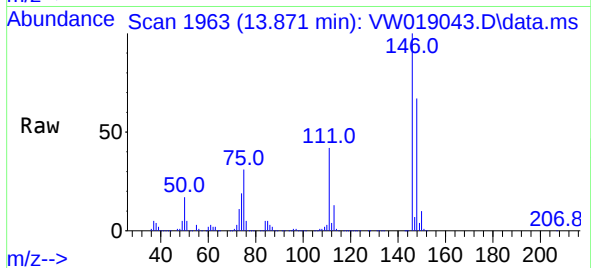
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 472554 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.2  | 21.1  | 63.1   |
| 148       | 65.3  | 32.6  | 97.7   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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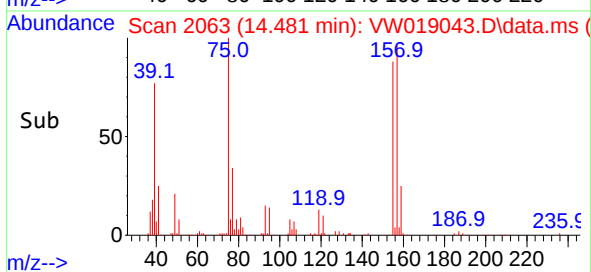
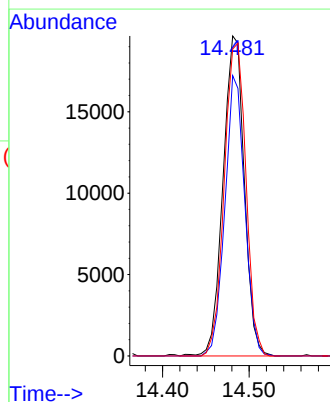
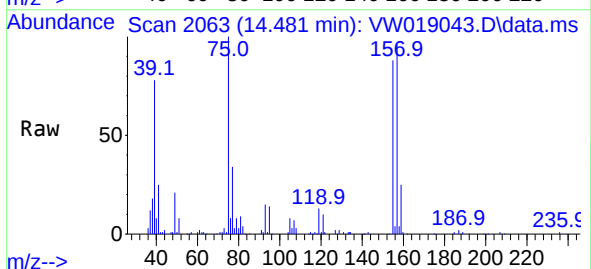
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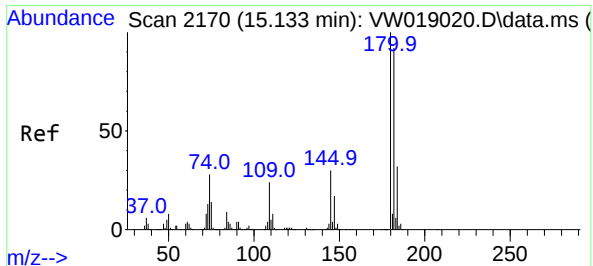
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.03 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 33447 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 81.9  | 41.3  | 124.1 |
| 157       | 99.5  | 51.2  | 153.6 |





#93  
1,2,4-Trichlorobenzene  
Concen: 55.78 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

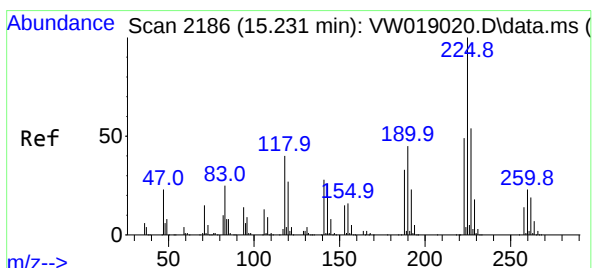
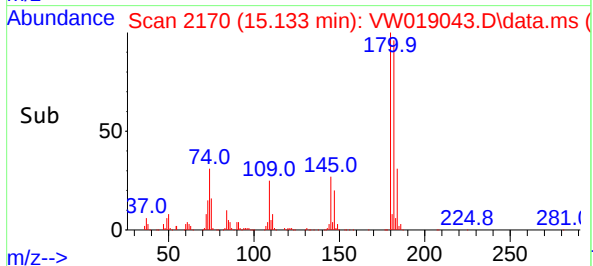
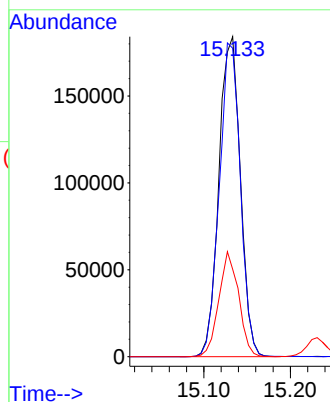
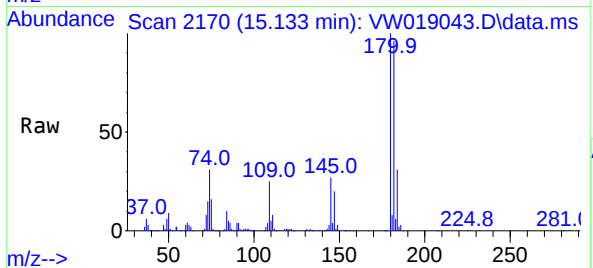
Tgt Ion:180 Resp: 316473  
Ion Ratio Lower Upper  
180 100  
182 96.4 48.9 146.7  
145 30.4 15.4 46.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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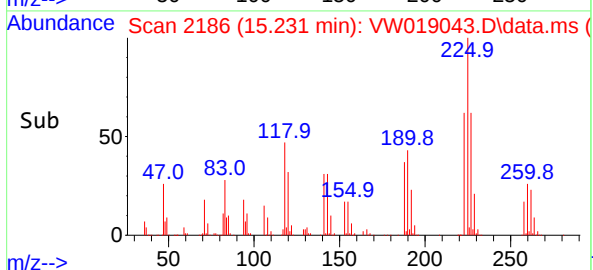
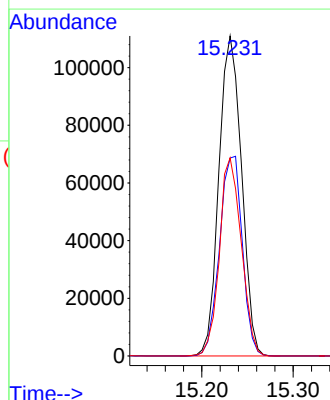
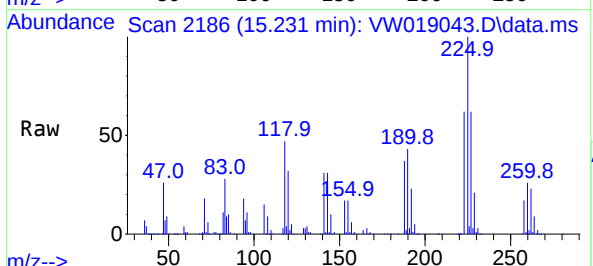
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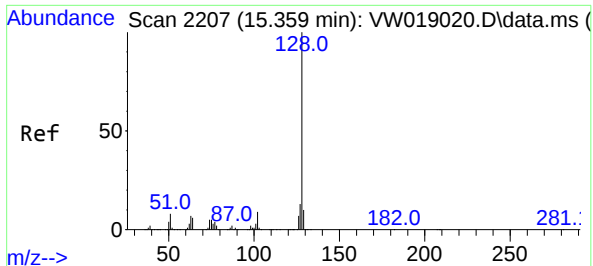
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#94  
Hexachlorobutadiene  
Concen: 58.37 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

Tgt Ion:225 Resp: 191282  
Ion Ratio Lower Upper  
225 100  
223 62.8 29.6 88.8  
227 59.9 30.4 91.3





#95  
Naphthalene  
Concen: 56.86 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

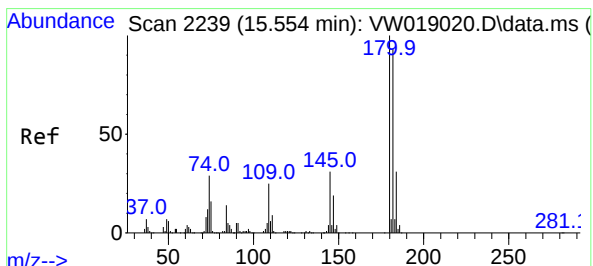
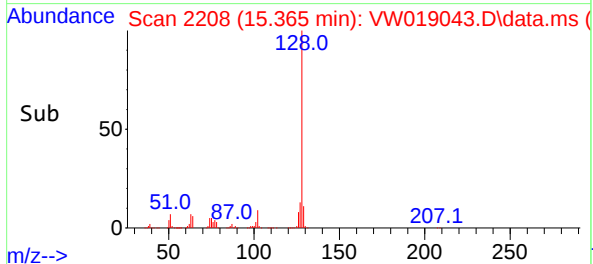
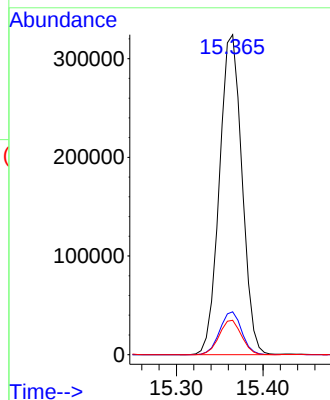
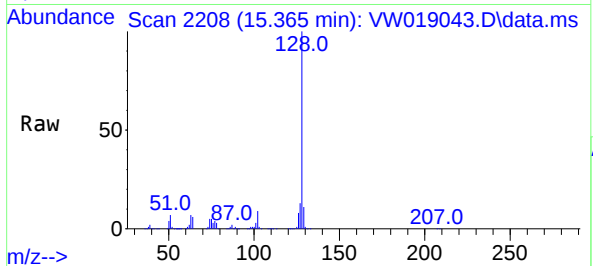
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 587669 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.4  | 15.6   |
| 129      | 10.7  | 8.5   | 12.7   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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#96  
1,2,3-Trichlorobenzene  
Concen: 55.29 ug/l  
RT: 15.548 min Scan# 2238  
Delta R.T. -0.006 min  
Lab File: VW019043.D  
Acq: 20 May 2021 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 271626 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 98.1  | 47.4  | 142.3  |
| 145      | 32.6  | 16.1  | 48.2   |

