

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
 Data File : VX022841.D  
 Acq On : 23 Jun 2021 11:40  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2021 5:00:00 PM

Quant Time: Jun 23 12:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 11:18:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 69178               | 50.00  | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 135703              | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 128012              | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 57882               | 50.00  | ug/l   | # 0.00   |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 202630              | 162.18 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 324.36%# |        |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 140887              | 161.79 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 323.58%# |        |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 547293              | 160.41 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 320.82%# |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 223111              | 172.96 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 345.92%# |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 157712              | 187.32 | ug/l   | 98       |
| 3) Chloromethane             | 1.295          | 50   | 165186              | 166.43 | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 159950              | 164.06 | ug/l   | 99       |
| 5) Bromomethane              | 1.599          | 94   | 73661               | 140.13 | ug/l   | 95       |
| 6) Chloroethane              | 1.666          | 64   | 88989               | 150.97 | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 225024              | 160.65 | ug/l   | 98       |
| 8) Diethyl Ether             | 2.142          | 74   | 84815               | 151.30 | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 140077              | 163.41 | ug/l   | 91       |
| 10) Methyl Iodide            | 2.447          | 142  | 170057              | 177.82 | ug/l   | 94       |
| 11) Tert butyl alcohol       | 2.995          | 59   | 199513              | 701.23 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.313          | 96   | 141077              | 165.23 | ug/l   | 93       |
| 13) Acrolein                 | 2.246          | 56   | 122345              | 943.20 | ug/l   | 100      |
| 14) Allyl chloride           | 2.660          | 41   | 284692              | 174.73 | ug/l   | 94       |
| 15) Acrylonitrile            | 3.075          | 53   | 474868              | 830.45 | ug/l   | 99       |
| 16) Acetone                  | 2.392          | 43   | 405938              | 731.20 | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.508          | 76   | 390386              | 201.36 | ug/l   | 100      |
| 18) Methyl Acetate           | 2.715          | 43   | 215782              | 131.75 | ug/l   | 90       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 517924              | 174.42 | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 165108              | 140.26 | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 150145              | 160.13 | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.776          | 45   | 564893              | 172.11 | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.733          | 43   | 2502546             | 841.40 | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 299694              | 159.60 | ug/l   | 98       |
| 25) 2-Butanone               | 4.574          | 43   | 683143              | 761.20 | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 241644              | 169.07 | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 173176              | 152.82 | ug/l   | 93       |
| 28) Bromochloromethane       | 4.910          | 49   | 141106              | 156.85 | ug/l # | 77       |
| 29) Tetrahydrofuran          | 5.019          | 42   | 437665              | 819.29 | ug/l   | 88       |
| 30) Chloroform               | 5.105          | 83   | 299171              | 160.32 | ug/l   | 100      |
| 31) Cyclohexane              | 5.477          | 56   | 274394              | 175.48 | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 255041              | 173.04 | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 225026              | 164.53 | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.727          | 43   | 268114              | 156.48 | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 208988              | 178.23 | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.385          | 83   | 268659              | 183.84 | ug/l   | 95       |
| 40) Benzene                  | 6.044          | 78   | 642373              | 159.26 | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
 Data File : VX022841.D  
 Acq On : 23 Jun 2021 11:40  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2021 5:00:00 PM

Quant Time: Jun 23 12:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 11:18:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 147307   | 161.73  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.099  | 62   | 250493   | 167.49  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 6.355  | 43   | 446073   | 164.89  | ug/l # | 92       |
| 44) Trichloroethene           | 7.129  | 130  | 151106   | 159.09  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 173856   | 160.21  | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 114092   | 168.71  | ug/l # | 84       |
| 47) Bromodichloromethane      | 7.830  | 83   | 227159   | 181.39  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.702  | 41   | 215696   | 166.45  | ug/l   | 85       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 83530    | 3327.11 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43   | 1355624  | 789.50  | ug/l   | 90       |
| 52) Toluene                   | 8.726  | 92   | 398687   | 158.83  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 272591   | 188.41  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.373  | 75   | 285317   | 180.18  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 160973   | 157.41  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 292054   | 176.48  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 289113   | 162.15  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 696527   | 758.41  | ug/l   | 94       |
| 59) 2-Hexanone                | 9.439  | 43   | 1056542  | 807.69  | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.525  | 129  | 157896   | 188.54  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 168091   | 165.36  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.281  | 164  | 125810   | 152.36  | ug/l   | 91       |
| 65) Chlorobenzene             | 10.086 | 112  | 405925   | 152.11  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 144964   | 166.78  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 778029   | 157.97  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 570368   | 319.98  | ug/l   | 92       |
| 69) o-Xylene                  | 10.647 | 106  | 285170   | 164.74  | ug/l   | 94       |
| 70) Styrene                   | 10.659 | 104  | 494062   | 171.18  | ug/l   | 94       |
| 71) Bromoform                 | 10.805 | 173  | 101462   | 202.16  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 767393   | 159.73  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 426218   | 166.36  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.220 | 83   | 260475   | 154.07  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 235796m  | 153.62  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 158510   | 155.71  | ug/l   | 79       |
| 78) n-propylbenzene           | 11.311 | 91   | 941269   | 162.07  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 563841   | 160.24  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 644341   | 161.87  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 93985    | 183.72  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 654153   | 163.55  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 593412   | 158.53  | ug/l   | 87       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 655525   | 161.72  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 820611   | 166.50  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 662835   | 164.05  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146  | 306060   | 157.67  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 311504   | 156.39  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 651501   | 168.70  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.543 | 117  | 120026   | 208.75  | ug/l   | 70       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 295976   | 156.91  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 64056    | 197.55  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 179679   | 160.33  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 67006    | 166.13  | ug/l   | 99       |
| 95) Naphthalene               | 13.780 | 128  | 724689   | 166.99  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 177680   | 161.68  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
 Data File : VX022841.D  
 Acq On : 23 Jun 2021 11:40  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VSTDICC150

**Manual Integrations**  
**APPROVED**

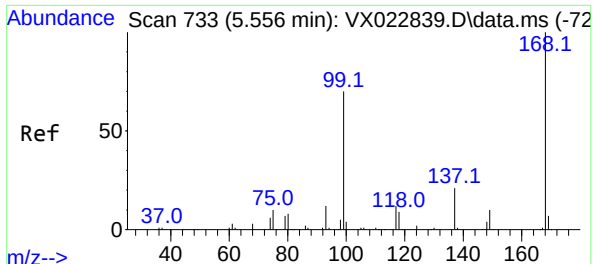
MMDadoda  
 6/24/2021 5:00:00 PM

Quant Time: Jun 23 12:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 11:18:13 2021  
 Response via : Initial Calibration

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

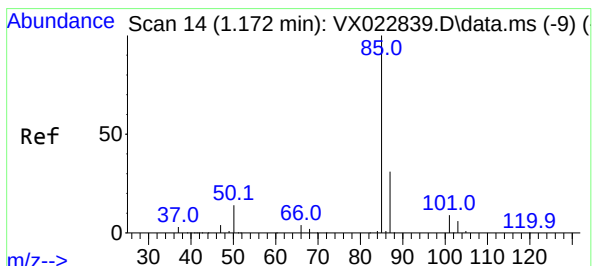
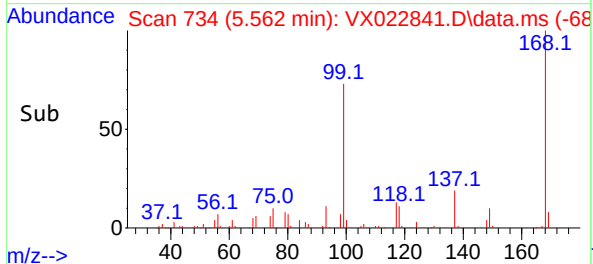
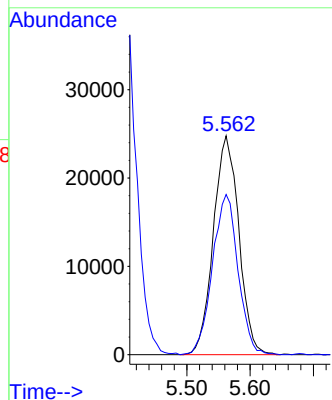
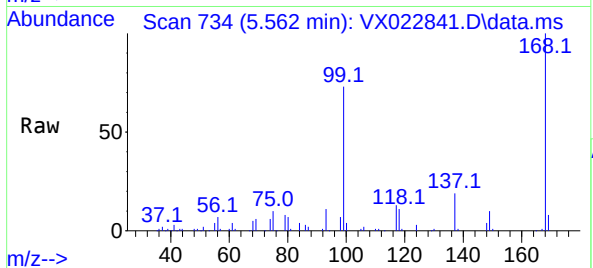
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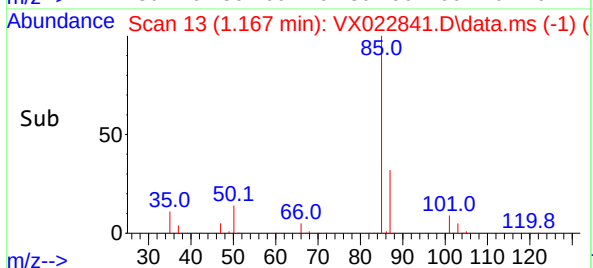
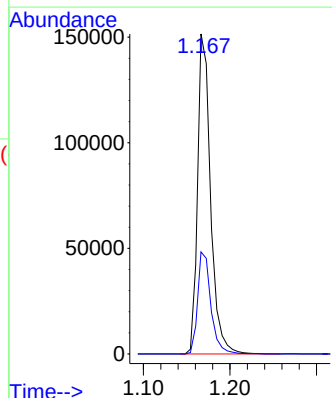
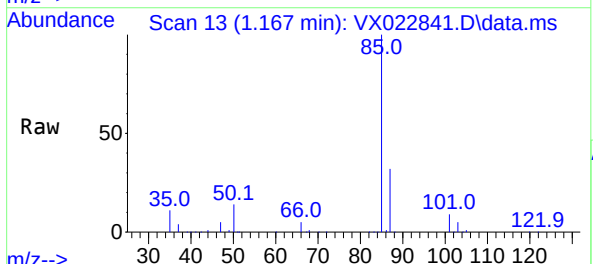
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 168 Resp: 69178  
Ion Ratio Lower Upper  
168 100  
99 73.2 45.8 68.6#



#2  
Dichlorodifluoromethane  
Concen: 187.32 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 85 Resp: 157712  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.4 49.2

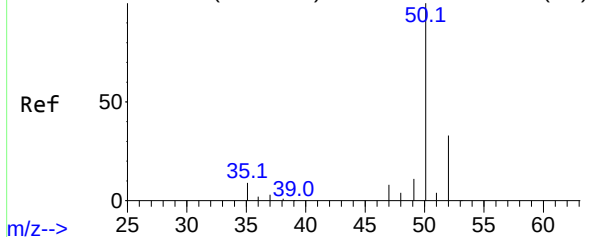


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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6/24/2021 5:00:00 PM

Abundance Scan 34 (1.294 min): VX022839.D\data.ms (-30)



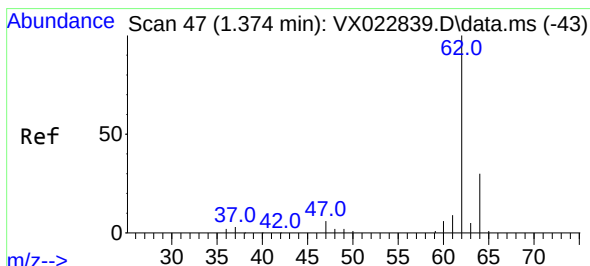
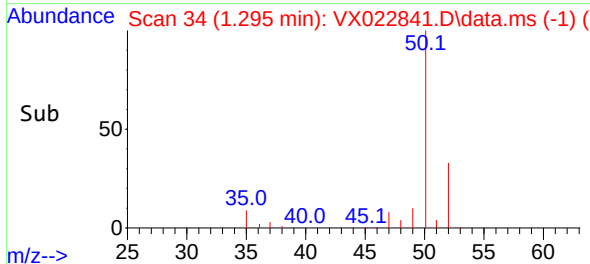
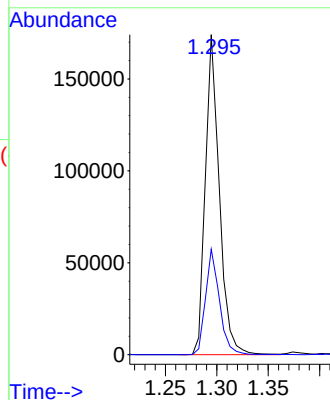
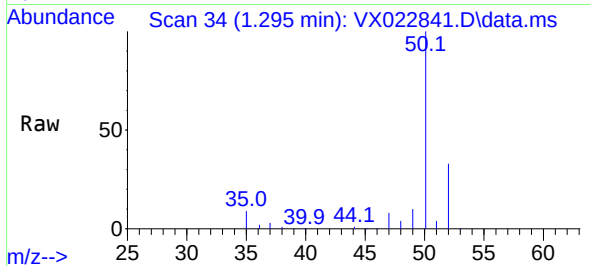
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Chloromethane  
Concen: 166.43 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 50 Resp: 165186  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.4 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

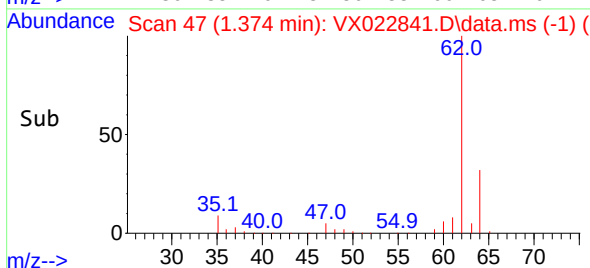
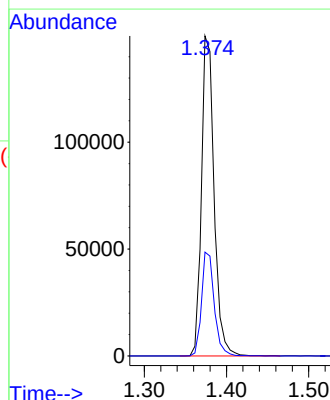
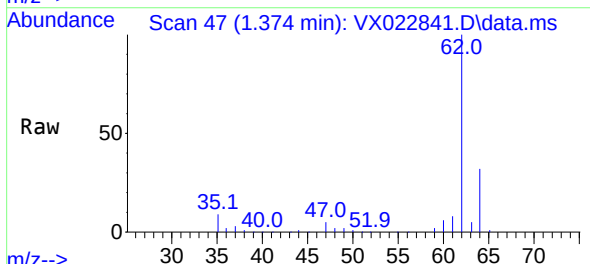
Manual Integrations  
APPROVED

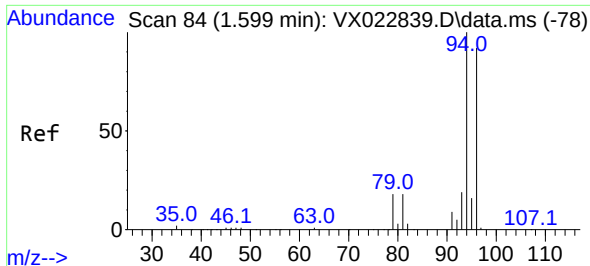
MMDadoda  
6/24/2021 5:00:00 PM



#4  
Vinyl Chloride  
Concen: 164.06 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 62 Resp: 159950  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.7 38.5





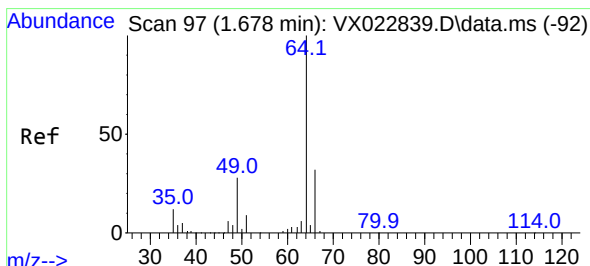
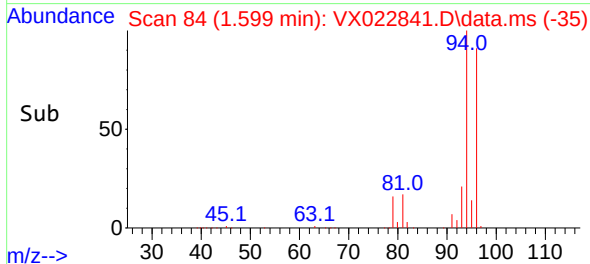
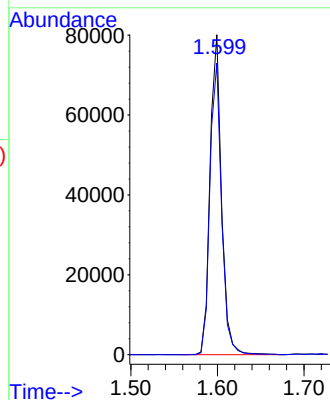
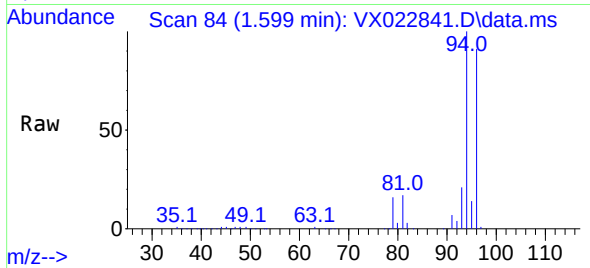
#5  
Bromomethane  
Concen: 140.13 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 94 Resp: 73661  
Ion Ratio Lower Upper  
94 100  
96 91.1 76.4 114.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

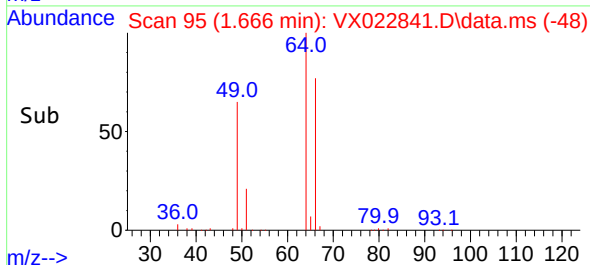
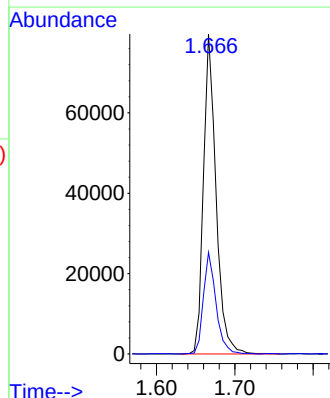
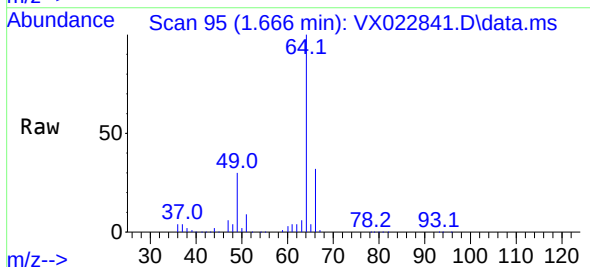
Manual Integrations  
APPROVED

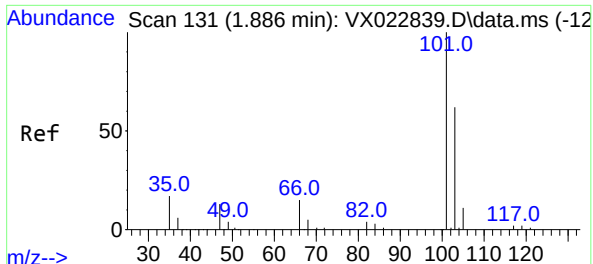
MMDadoda  
6/24/2021 5:00:00 PM



#6  
Chloroethane  
Concen: 150.97 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.012 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 64 Resp: 88989  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.4 38.0





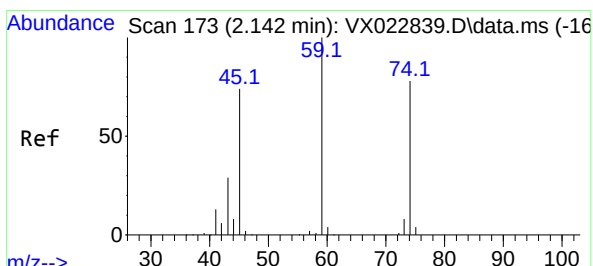
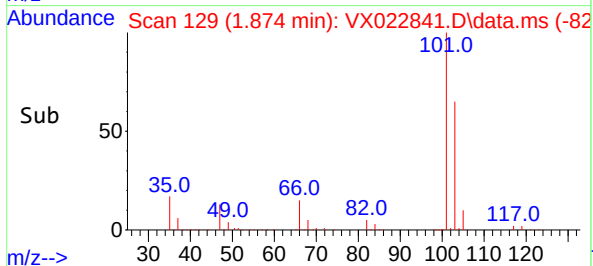
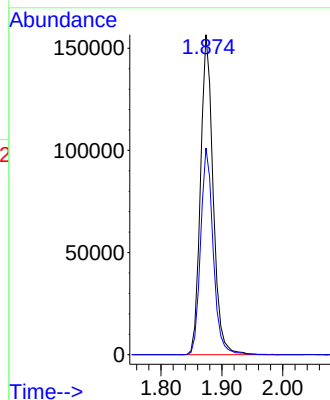
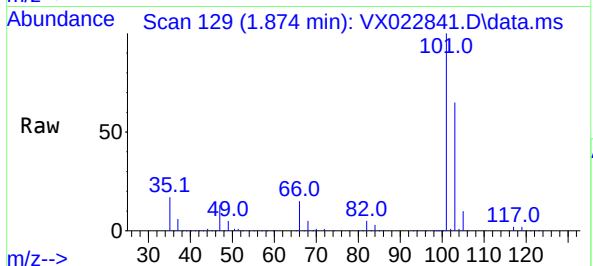
#7  
Trichlorofluoromethane  
Concen: 160.65 ug/l  
RT: 1.874 min Scan# 129  
Delta R.T. -0.012 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:101 Resp: 225024  
Ion Ratio Lower Upper  
101 100  
103 64.6 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

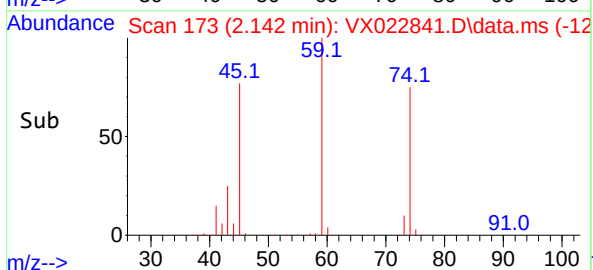
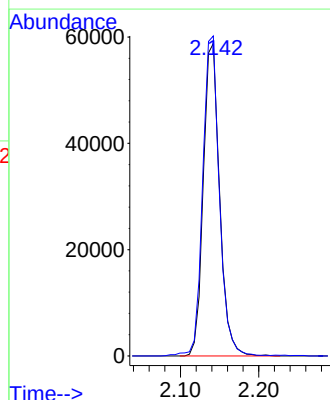
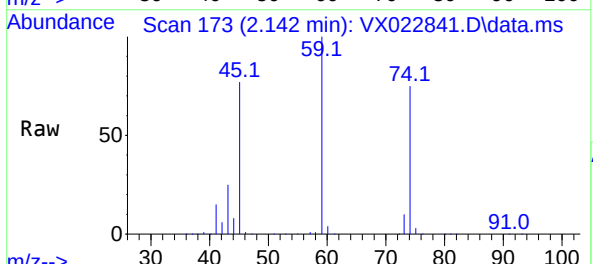
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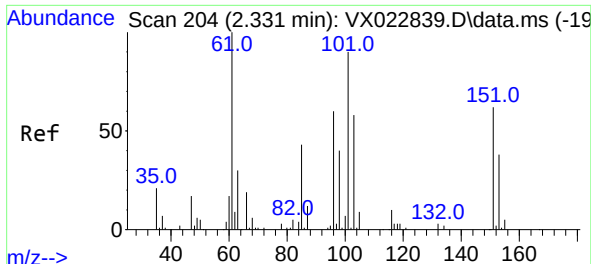


#8  
Diethyl Ether  
Concen: 151.30 ug/l  
RT: 2.142 min Scan# 173  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 74 Resp: 84815  
Ion Ratio Lower Upper  
74 100  
45 104.7 44.5 133.5







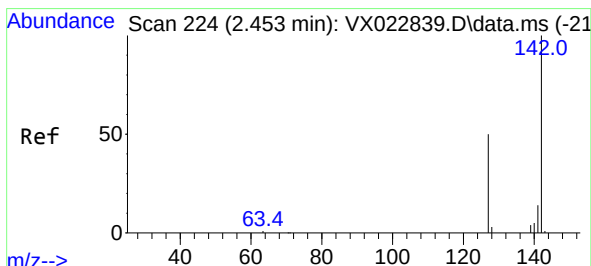
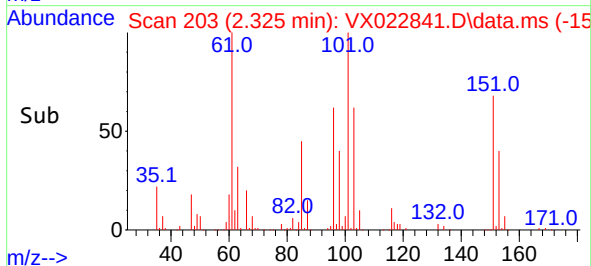
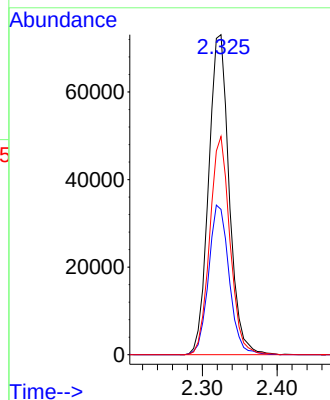
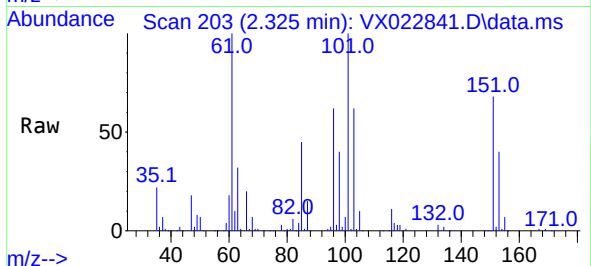
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 163.41 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:101 Resp: 140077  
Ion Ratio Lower Upper  
101 100  
85 46.8 34.9 52.3  
151 67.0 61.4 92.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

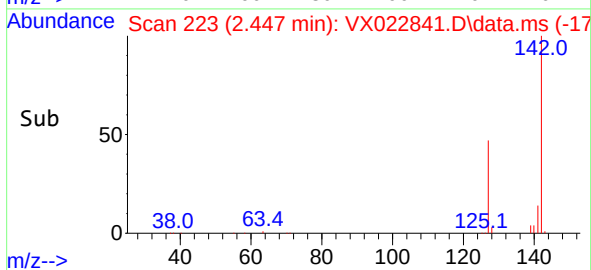
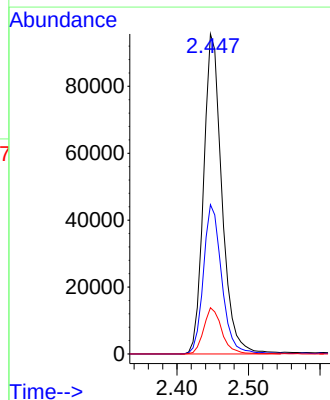
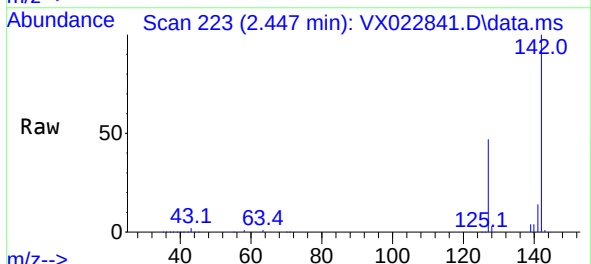
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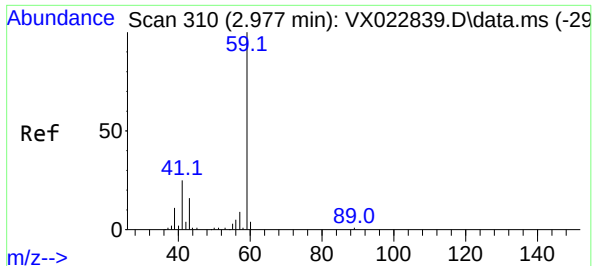
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#10  
Methyl Iodide  
Concen: 177.82 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:142 Resp: 170057  
Ion Ratio Lower Upper  
142 100  
127 46.9 33.3 49.9  
141 14.3 11.4 17.0





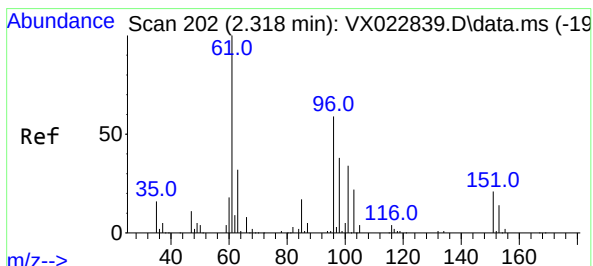
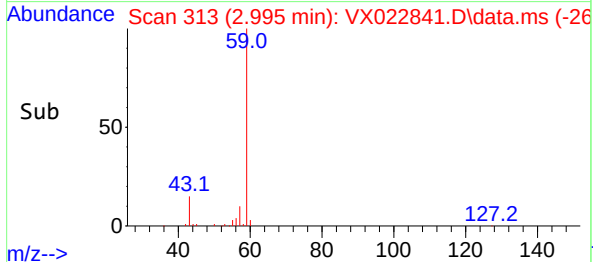
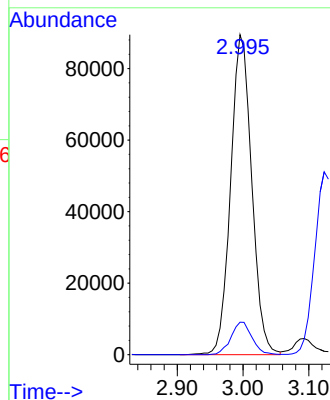
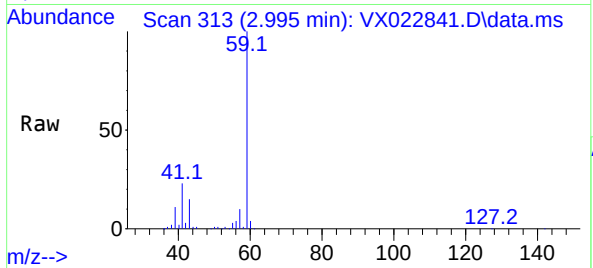
#11  
Tert butyl alcohol  
Concen: 701.23 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. 0.019 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 59 Resp: 199513  
Ion Ratio Lower Upper  
59 100  
57 10.2 7.8 11.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

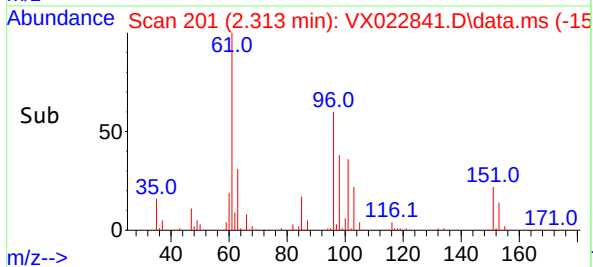
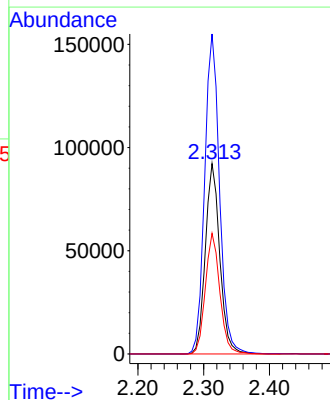
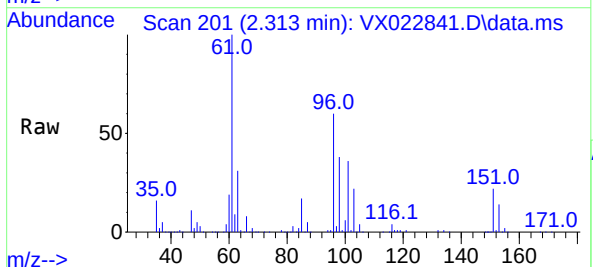
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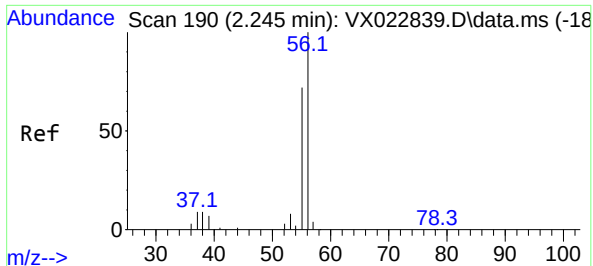
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#12  
1,1-Dichloroethene  
Concen: 165.23 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 96 Resp: 141077  
Ion Ratio Lower Upper  
96 100  
61 168.0 124.6 187.0  
98 63.3 50.6 76.0





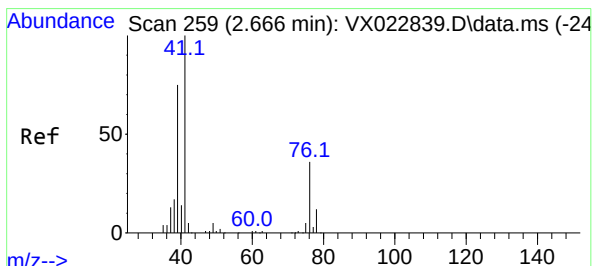
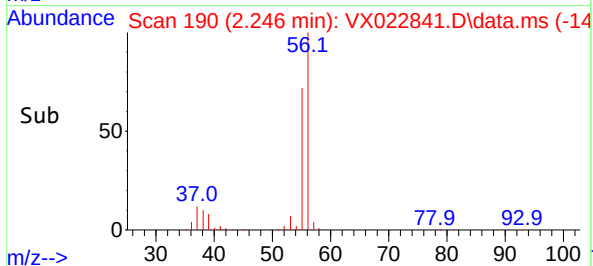
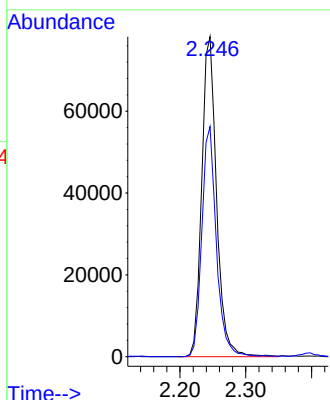
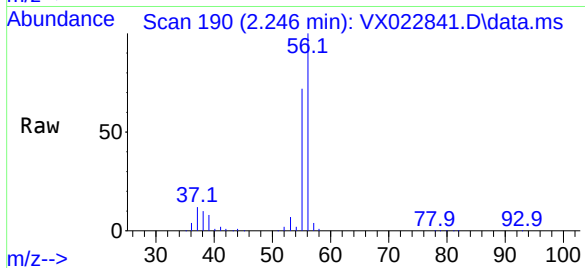
#13  
Acrolein  
Concen: 943.20 ug/l  
RT: 2.246 min Scan# 190  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 56 Resp: 122345  
Ion Ratio Lower Upper  
56 100  
55 70.7 56.4 84.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

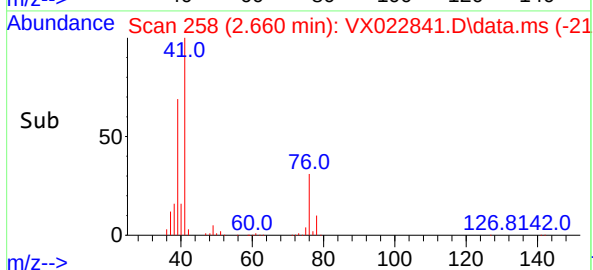
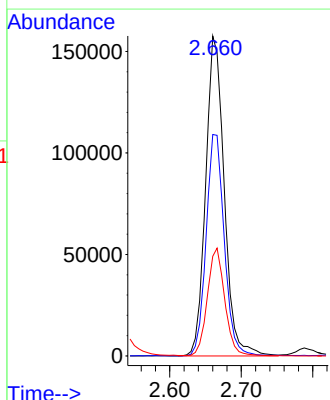
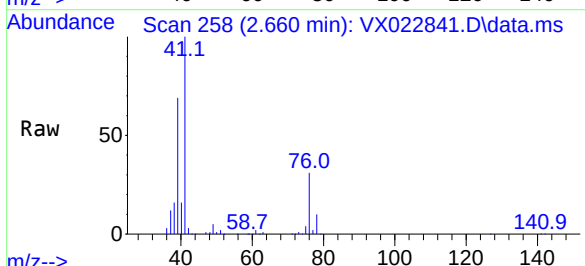
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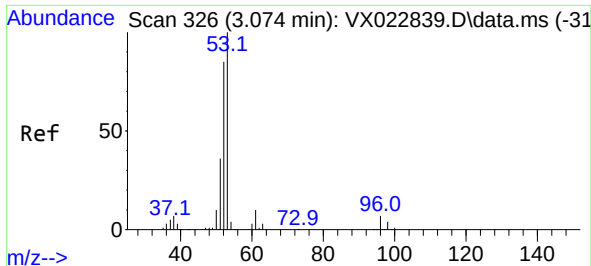
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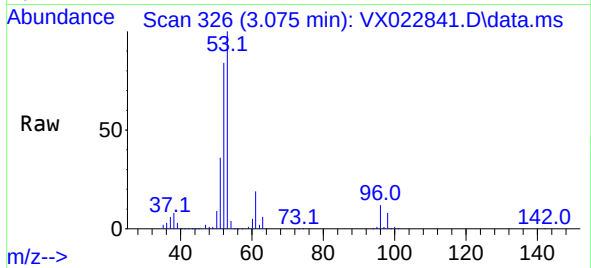
#14  
Allyl chloride  
Concen: 174.73 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 41 Resp: 284692  
Ion Ratio Lower Upper  
41 100  
39 67.7 51.6 77.4  
76 31.8 30.5 45.7

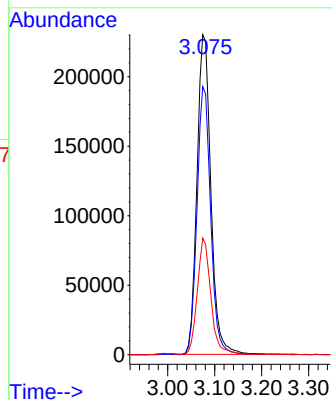




#15  
Acrylonitrile  
Concen: 830.45 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



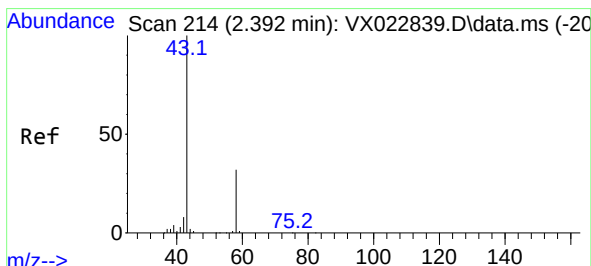
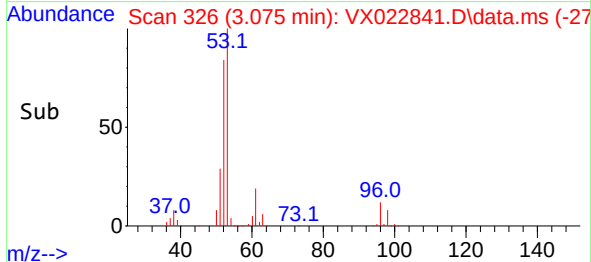
Tgt Ion: 53 Resp: 474868  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.3 97.9  
51 35.5 28.2 42.2



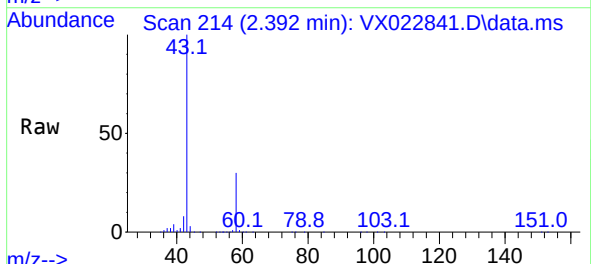
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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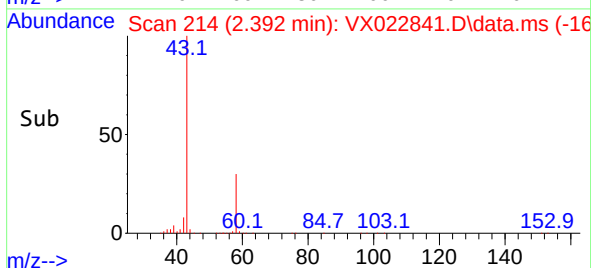
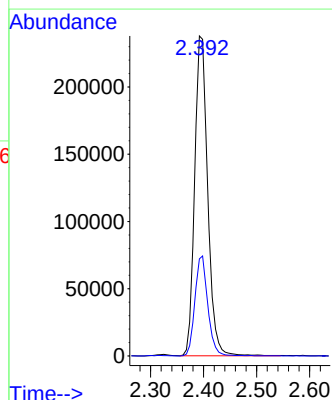
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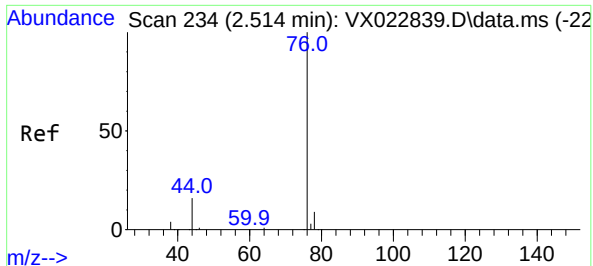


#16  
Acetone  
Concen: 731.20 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion: 43 Resp: 405938  
Ion Ratio Lower Upper  
43 100  
58 30.4 27.8 41.8





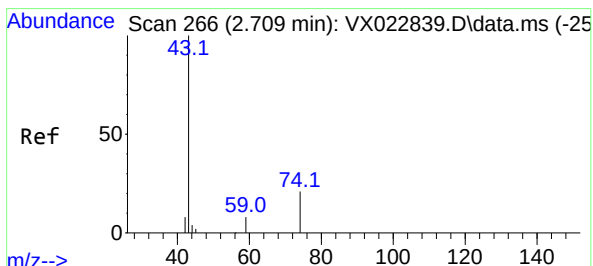
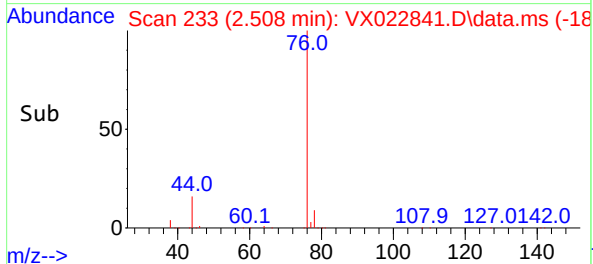
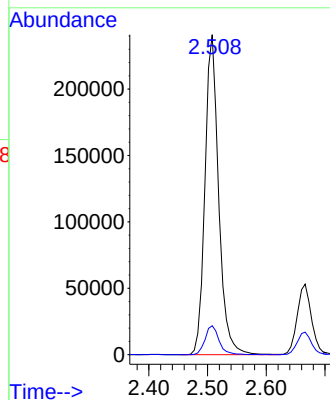
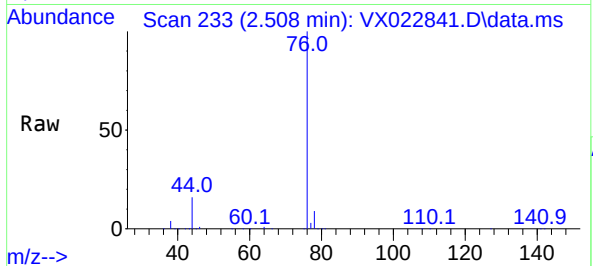
#17  
Carbon Disulfide  
Concen: 201.36 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 76 Resp: 390386  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

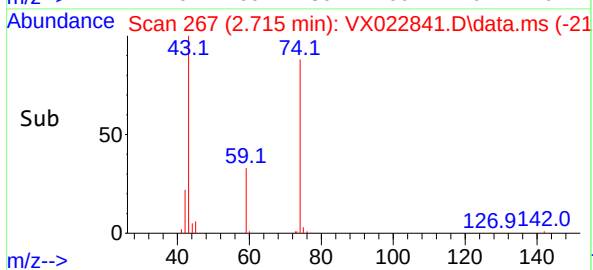
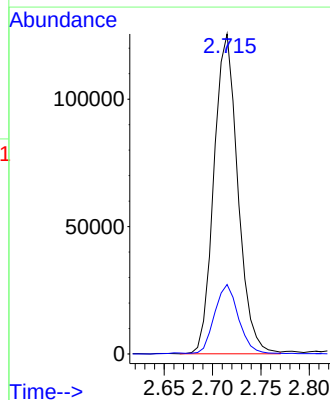
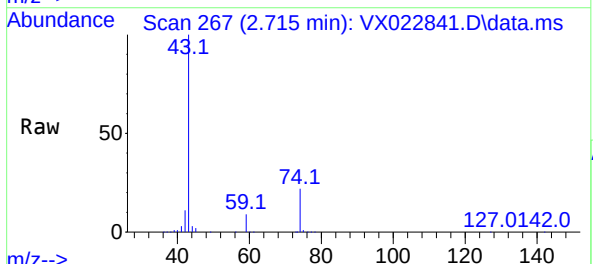
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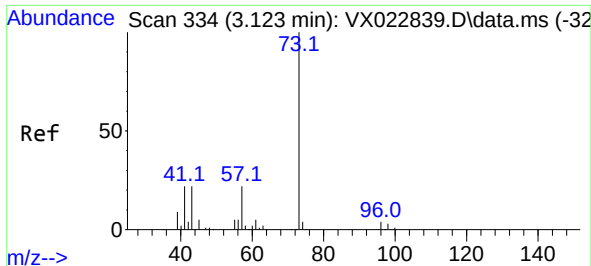
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#18  
Methyl Acetate  
Concen: 131.75 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 43 Resp: 215782  
Ion Ratio Lower Upper  
43 100  
74 22.1 21.9 32.9





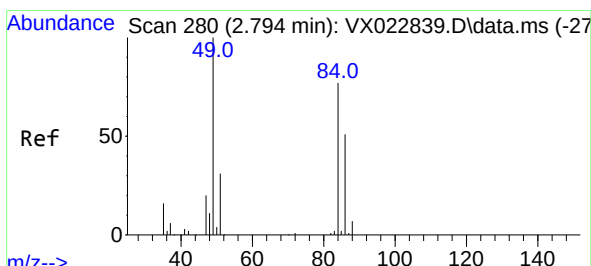
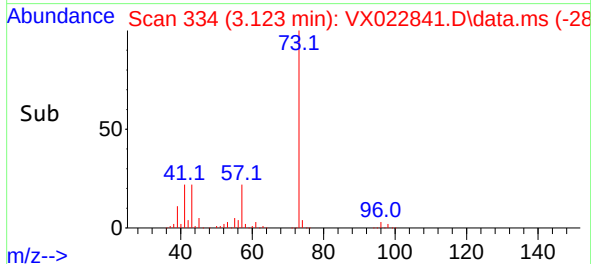
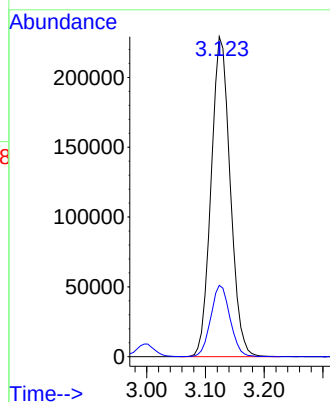
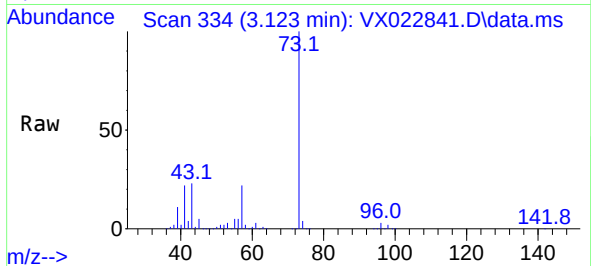
#19  
Methyl tert-butyl Ether  
Concen: 174.42 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 73 Resp: 517924  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

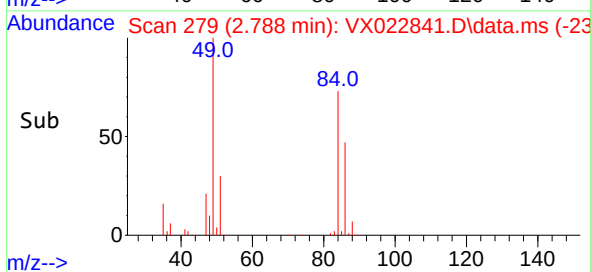
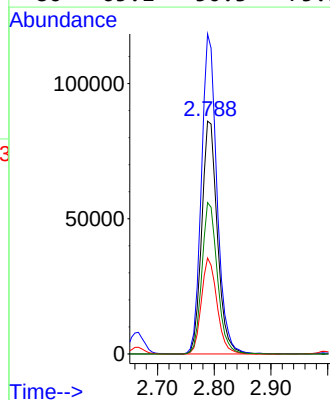
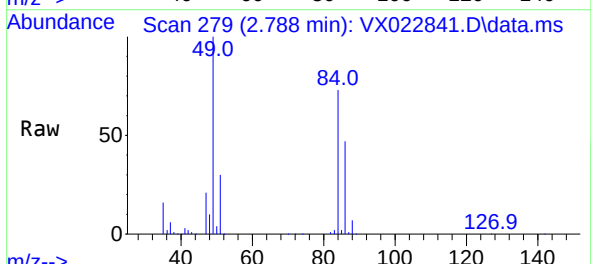
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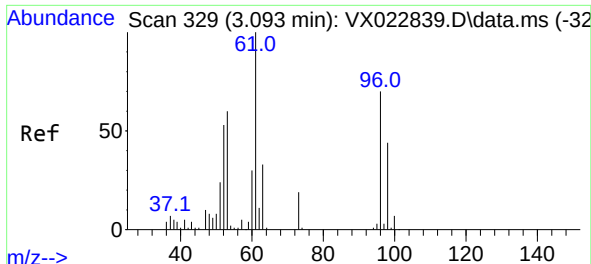
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#20  
Methylene Chloride  
Concen: 140.26 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 84 Resp: 165108  
Ion Ratio Lower Upper  
84 100  
49 137.5 88.6 132.8#  
51 41.2 27.0 40.6#  
86 65.1 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 160.13 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

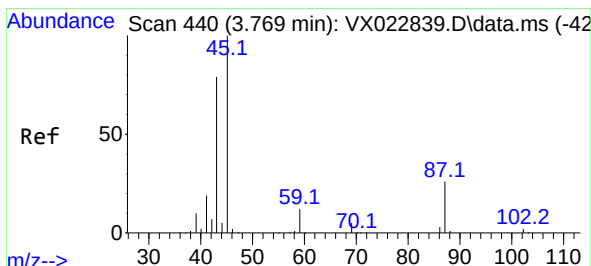
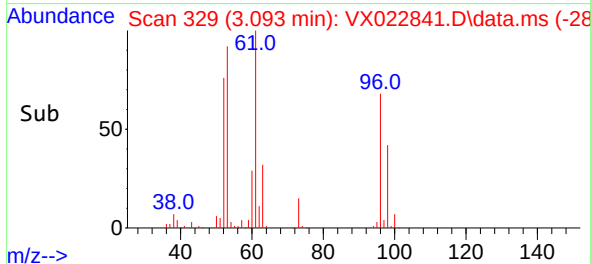
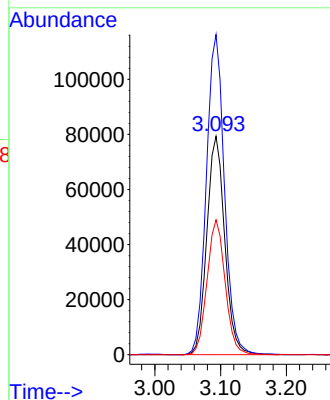
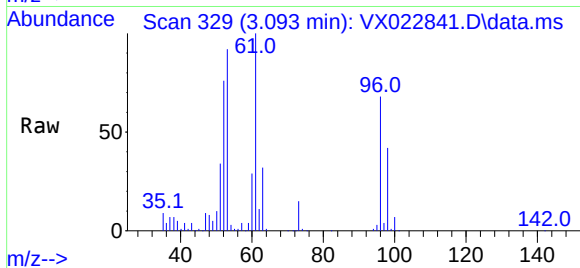
Tgt Ion: 96 Resp: 150145  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.5 | 107.7 | 161.5 |
| 98  | 61.8  | 50.4  | 75.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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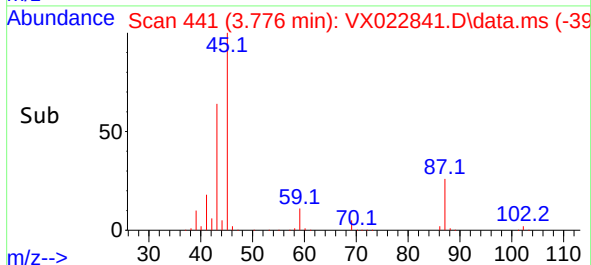
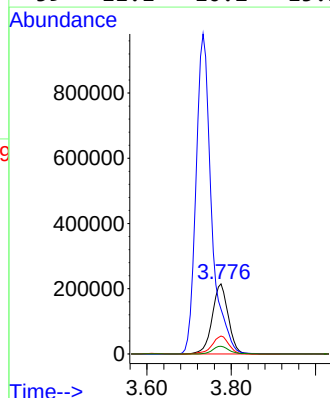
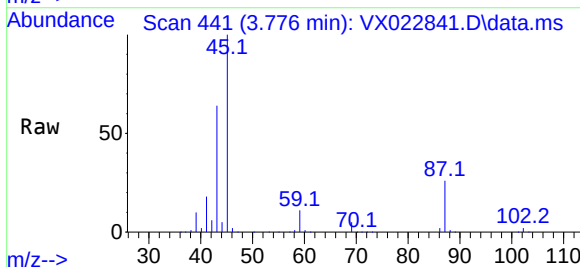
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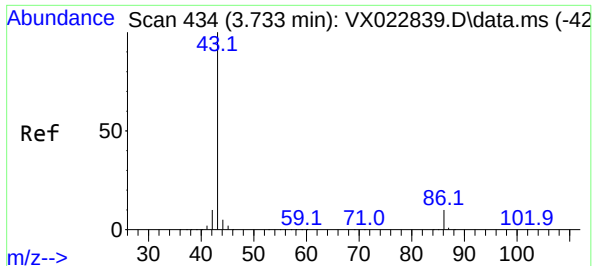


#22  
Diisopropyl ether  
Concen: 172.11 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 45 Resp: 564893  

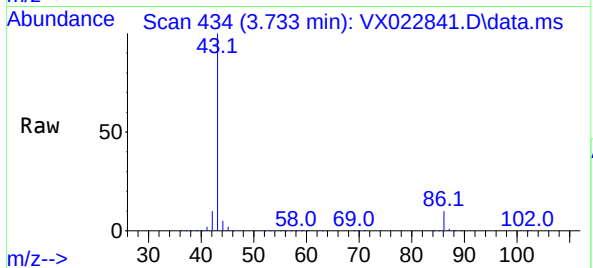
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 63.8  | 58.0  | 87.0  |
| 87  | 25.6  | 25.4  | 38.0  |
| 59  | 11.1  | 10.2  | 15.2  |





#23  
 Vinyl Acetate  
 Concen: 841.40 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. 0.000 min  
 Lab File: VX022841.D  
 Acq: 23 Jun 2021 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

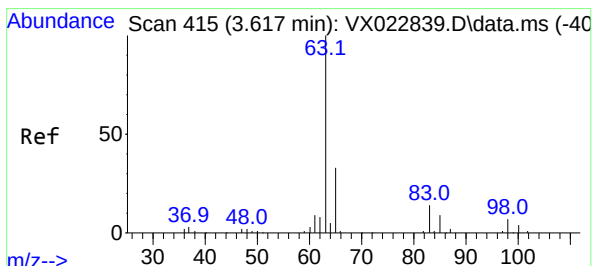
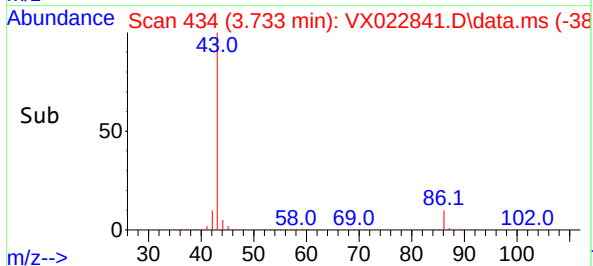
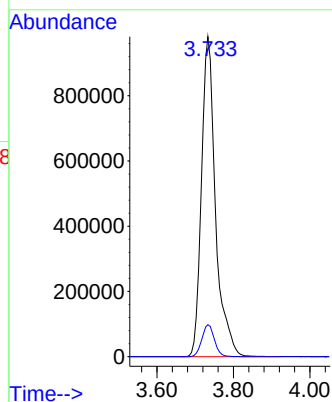


Tgt Ion: 43 Resp: 2502546  

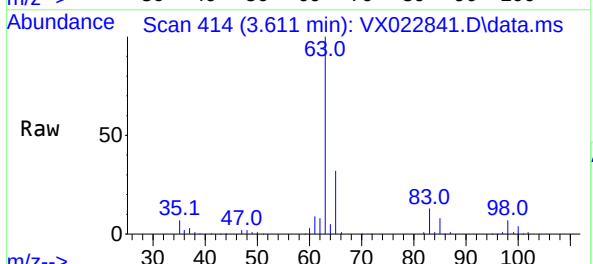
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.0  | 9.9   | 14.9  |

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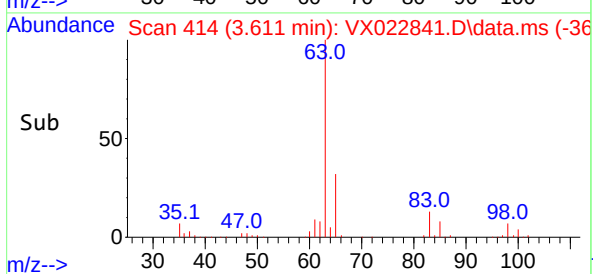
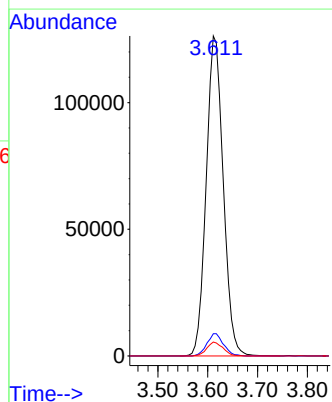


#24  
 1,1-Dichloroethane  
 Concen: 159.60 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.006 min  
 Lab File: VX022841.D  
 Acq: 23 Jun 2021 11:40

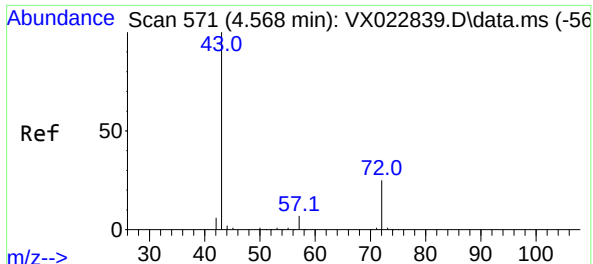


Tgt Ion: 63 Resp: 299694  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.0   | 3.8   | 11.2  |
| 100 | 4.3   | 2.5   | 7.5   |







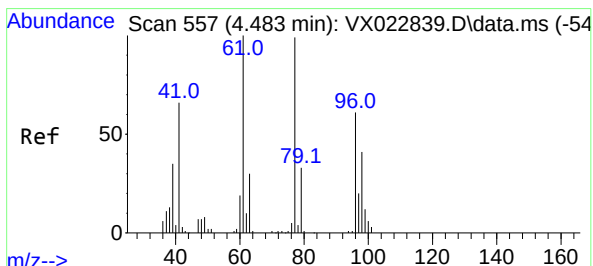
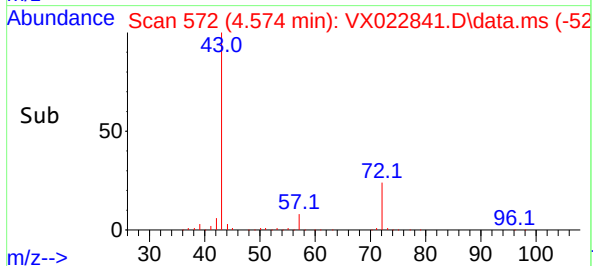
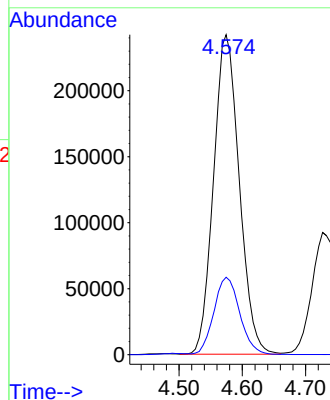
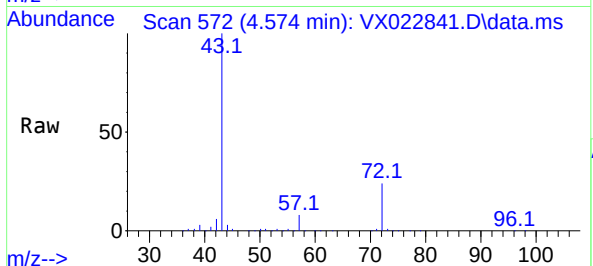
#25  
2-Butanone  
Concen: 761.20 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 43 Resp: 683143  
Ion Ratio Lower Upper  
43 100  
72 24.1 23.7 35.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

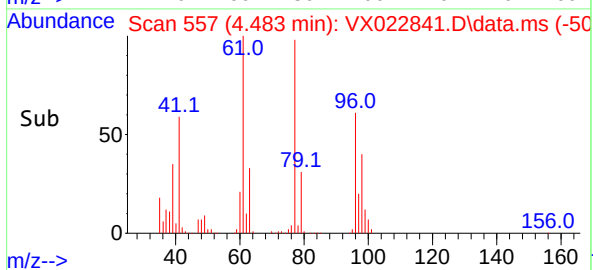
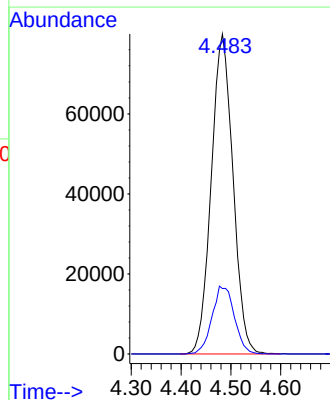
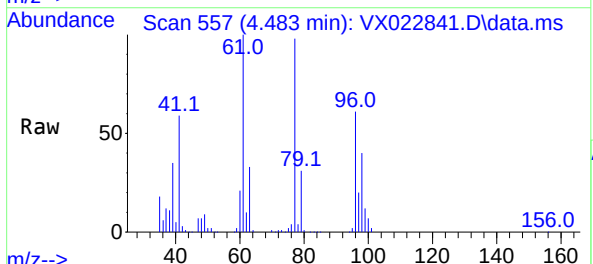
Manual Integrations  
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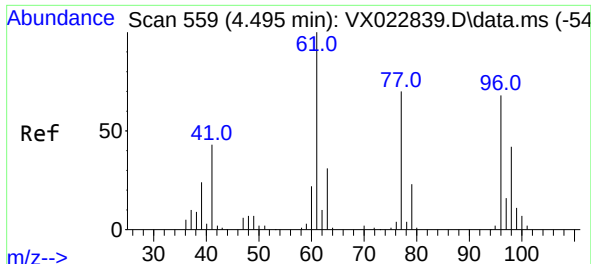
MMDadoda  
6/24/2021 5:00:00 PM



#26  
2,2-Dichloropropane  
Concen: 169.07 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 77 Resp: 241644  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.7 35.1





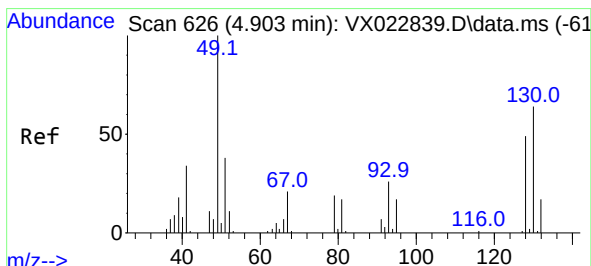
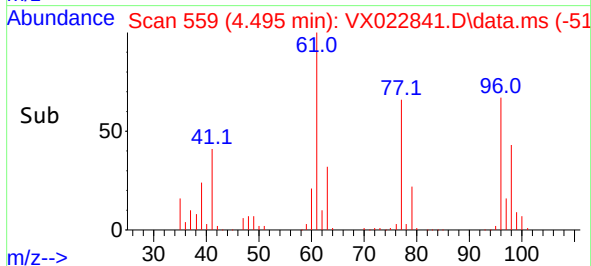
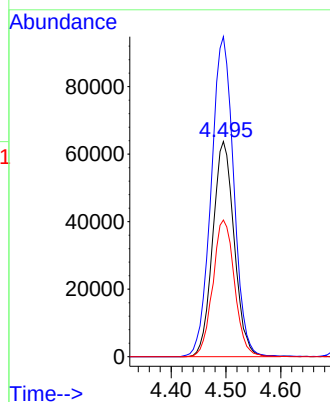
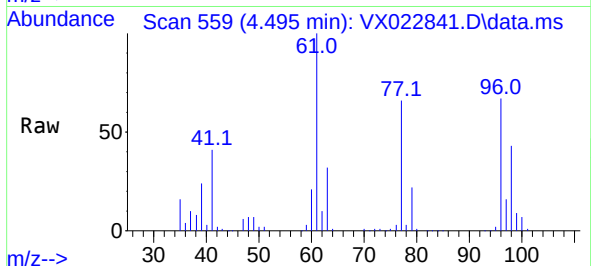
#27  
 cis-1,2-Dichloroethene  
 Concen: 152.82 ug/l  
 RT: 4.495 min Scan# 559  
 Delta R.T. 0.000 min  
 Lab File: VX022841.D  
 Acq: 23 Jun 2021 11:40

Tgt Ion: 96 Resp: 173176  
 Ion Ratio Lower Upper  
 96 100  
 61 155.9 0.0 285.6  
 98 64.4 0.0 129.6

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

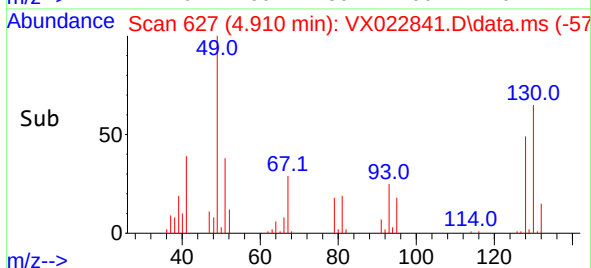
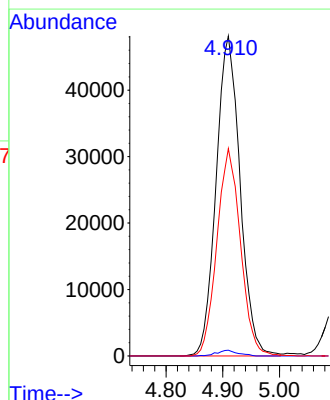
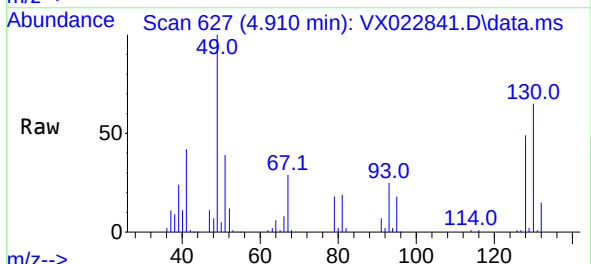
Manual Integrations  
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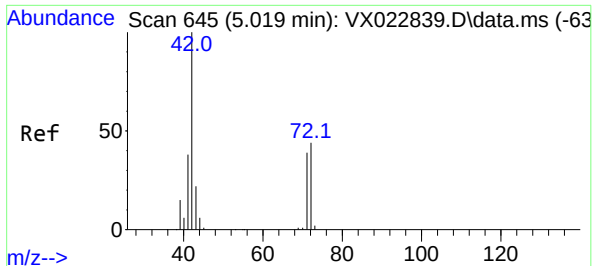
MMDadoda  
 6/24/2021 5:00:00 PM



#28  
 Bromochloromethane  
 Concen: 156.85 ug/l  
 RT: 4.910 min Scan# 627  
 Delta R.T. 0.006 min  
 Lab File: VX022841.D  
 Acq: 23 Jun 2021 11:40

Tgt Ion: 49 Resp: 141106  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.0  
 130 63.8 68.2 102.2#





#29  
Tetrahydrofuran  
Concen: 819.29 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

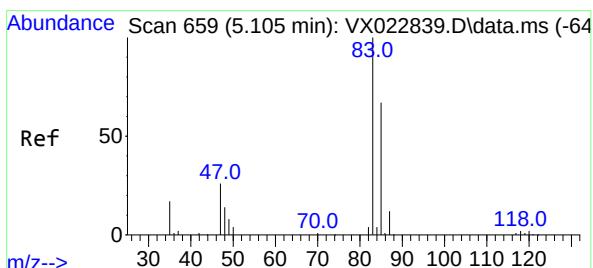
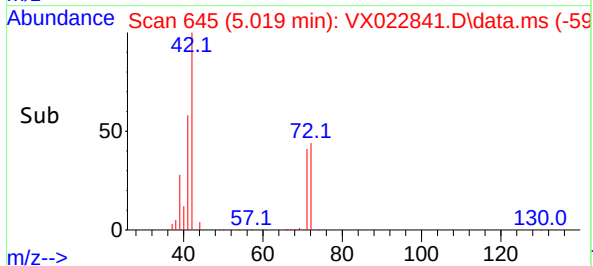
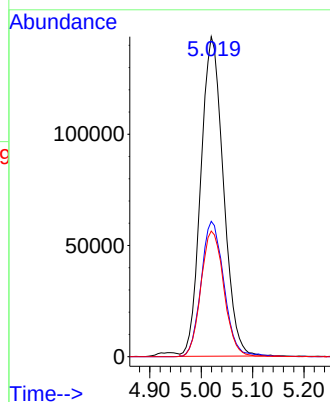
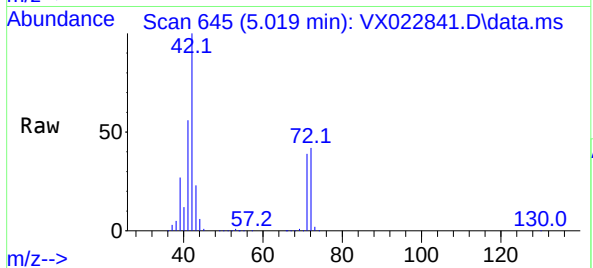
Tgt Ion: 42 Resp: 437665  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 43.1  | 41.7  | 62.5  |
| 71  | 40.0  | 38.4  | 57.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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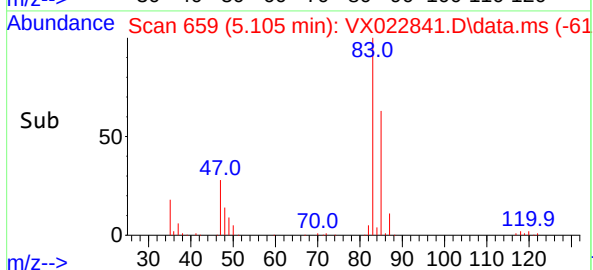
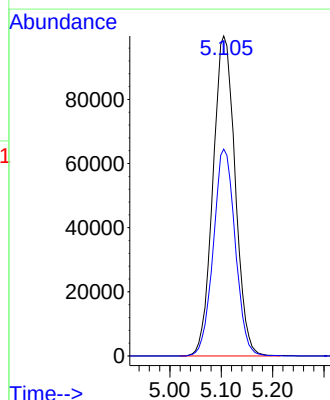
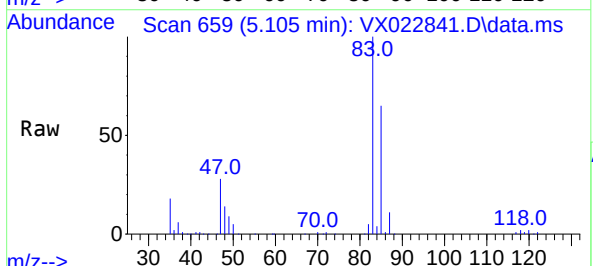
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6/24/2021 5:00:00 PM

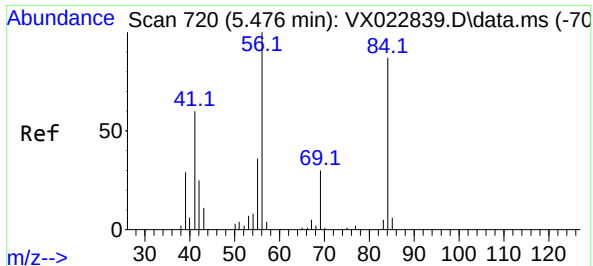


#30  
Chloroform  
Concen: 160.32 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 83 Resp: 299171  

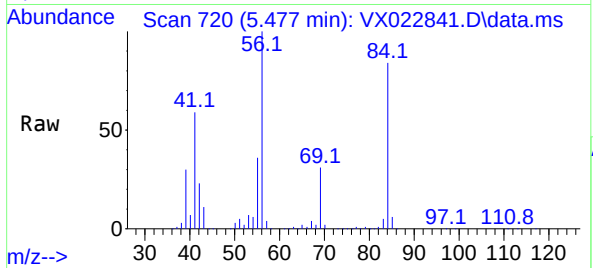
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 52.0  | 78.0  |





#31  
Cyclohexane  
Concen: 175.48 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

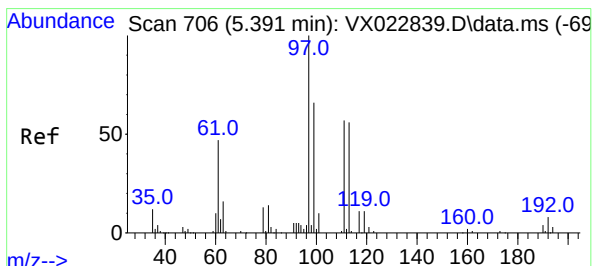
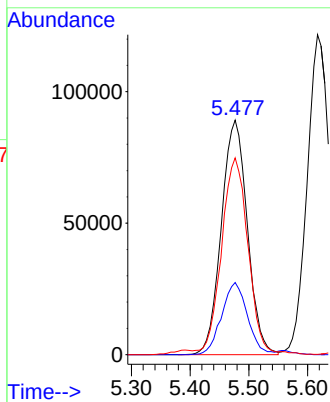
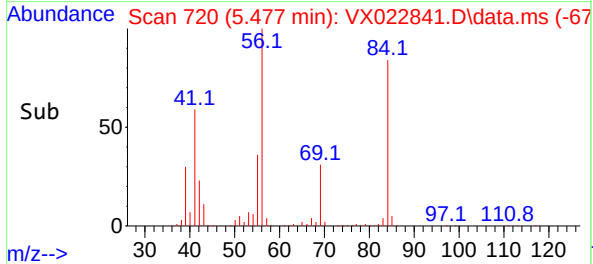
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



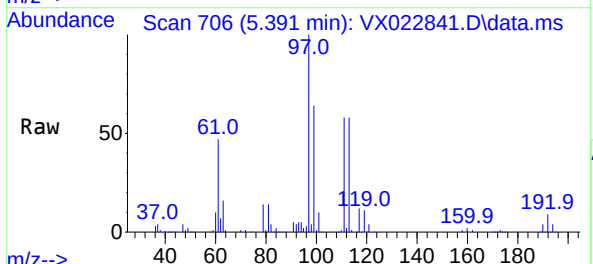
Tgt Ion: 56 Resp: 274394  
Ion Ratio Lower Upper  
56 100  
69 30.7 25.3 37.9  
84 82.7 71.4 107.0

Manual Integrations  
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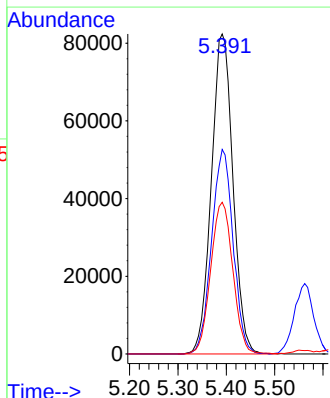
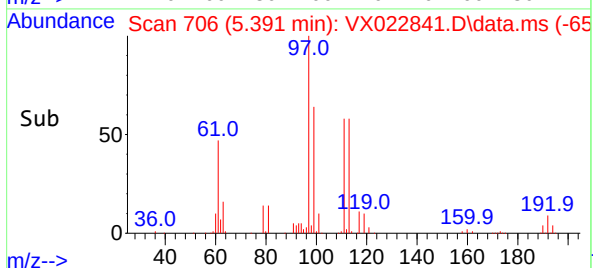
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6/24/2021 5:00:00 PM

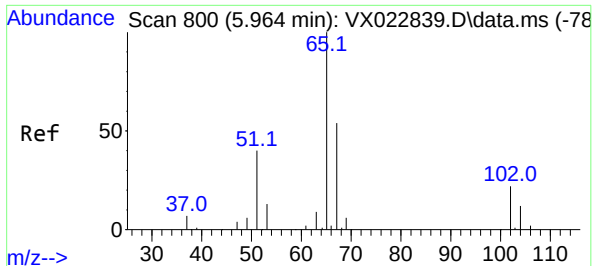


#32  
1,1,1-Trichloroethane  
Concen: 173.04 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion: 97 Resp: 255041  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.5 77.3  
61 48.7 34.2 51.4





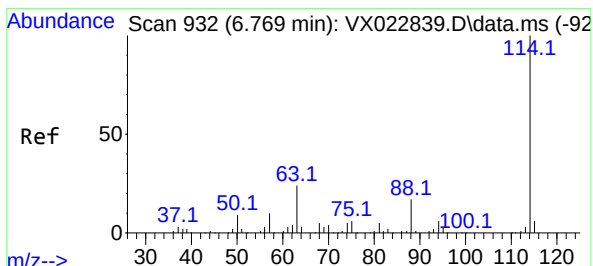
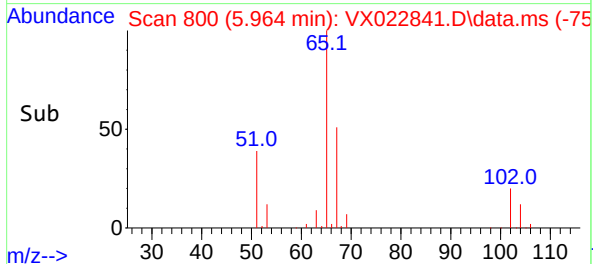
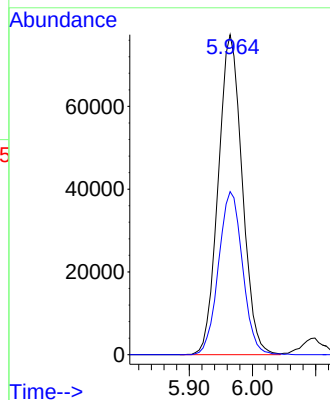
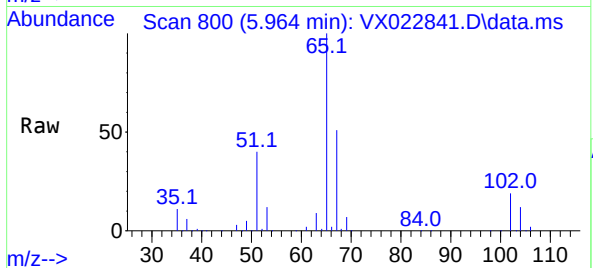
#33  
1,2-Dichloroethane-d4  
Concen: 162.18 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 65 Resp: 202630  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

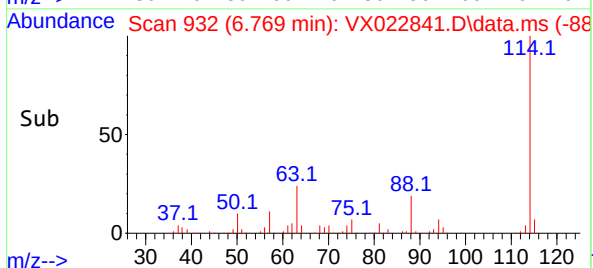
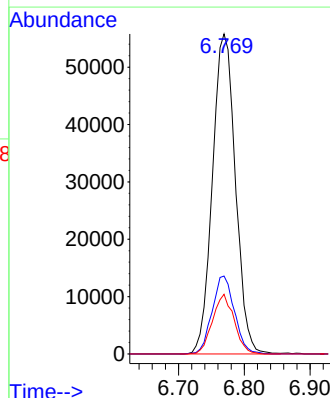
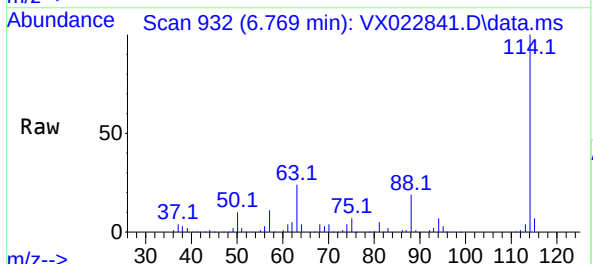
Manual Integrations  
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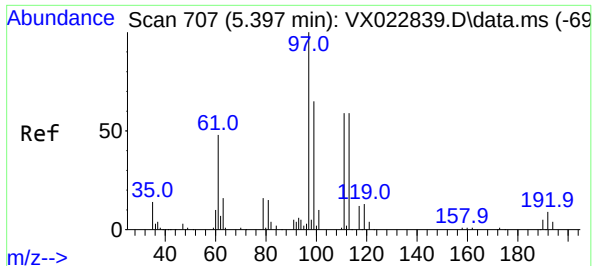
MMDadoda  
6/24/2021 5:00:00 PM



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 114 Resp: 135703  
Ion Ratio Lower Upper  
114 100  
63 24.4 0.0 40.8  
88 18.6 0.0 32.8





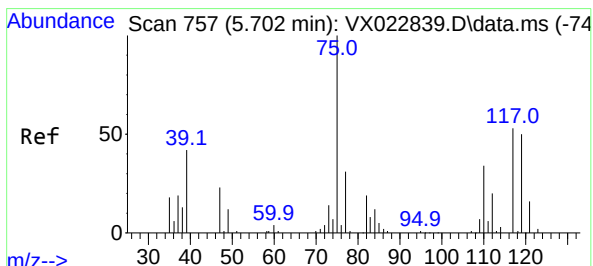
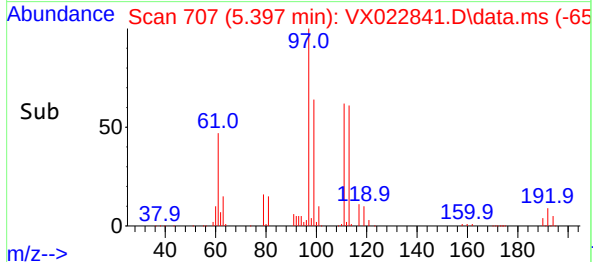
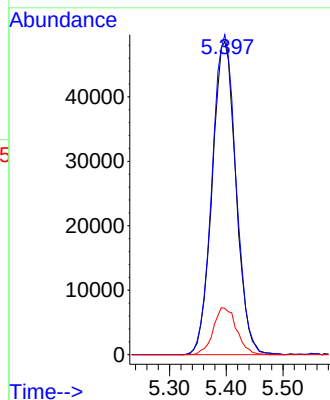
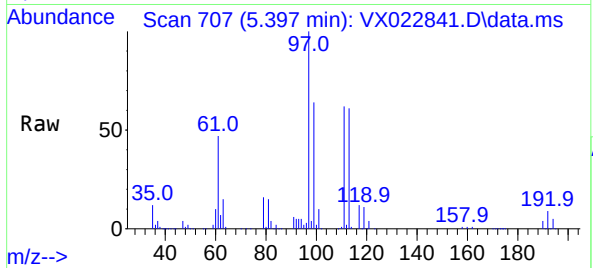
#35  
Dibromofluoromethane  
Concen: 161.79 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 113 Resp: 140887  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.9 122.9  
192 14.8 16.7 25.1#

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

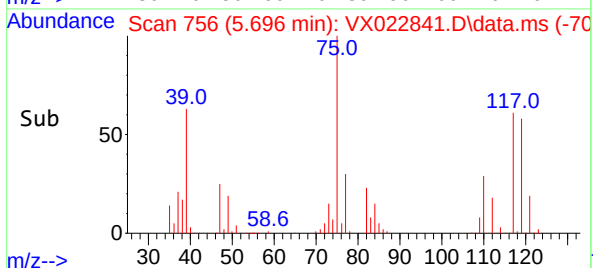
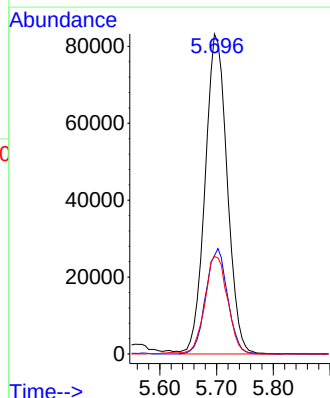
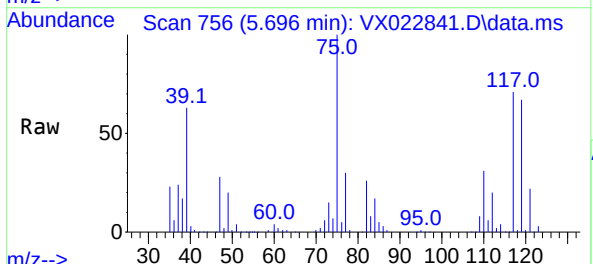
Manual Integrations  
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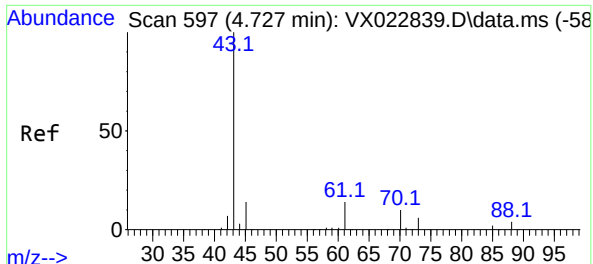
MMDadoda  
6/24/2021 5:00:00 PM



#36  
1,1-Dichloropropene  
Concen: 164.53 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

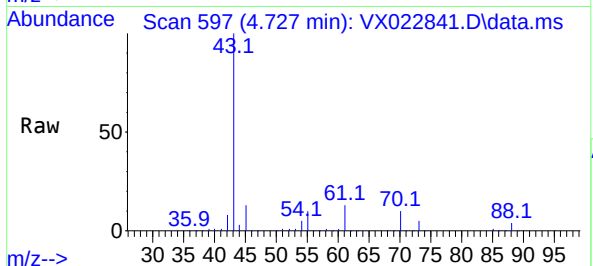
Tgt Ion: 75 Resp: 225026  
Ion Ratio Lower Upper  
75 100  
110 32.6 18.1 54.4  
77 31.3 25.3 37.9





#37  
Ethyl Acetate  
Concen: 156.48 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

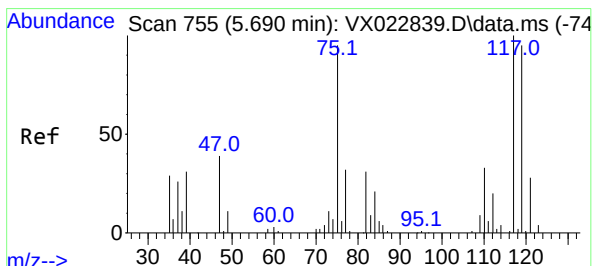
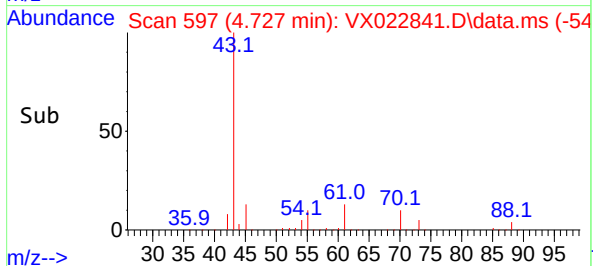
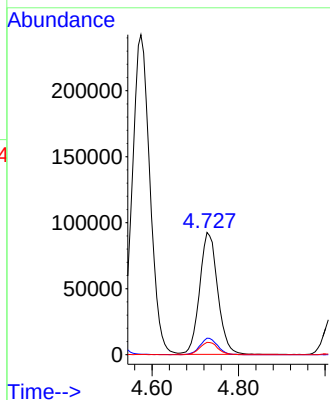
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



Tgt Ion: 43 Resp: 268114  
Ion Ratio Lower Upper  
43 100  
61 13.1 12.8 19.2  
70 10.0 10.5 15.7#

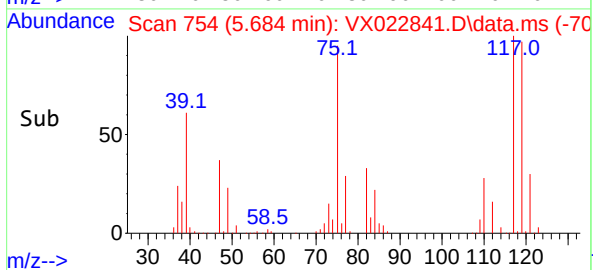
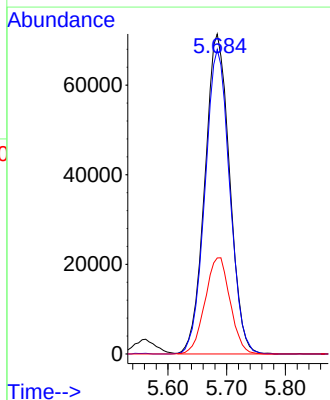
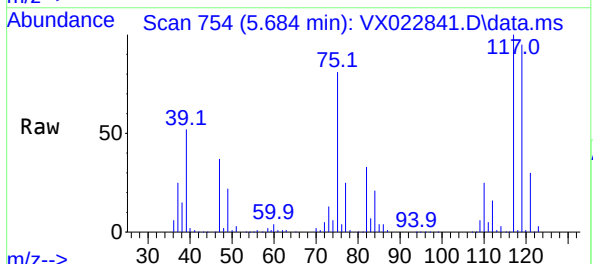
Manual Integrations  
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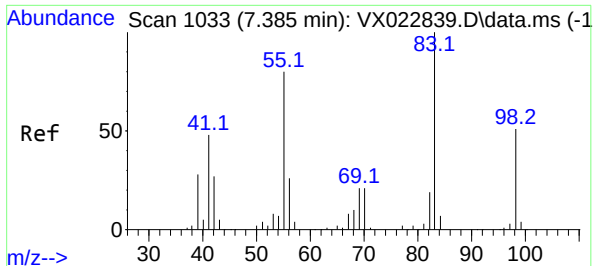
MMDadoda  
6/24/2021 5:00:00 PM



#38  
Carbon Tetrachloride  
Concen: 178.23 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 117 Resp: 208988  
Ion Ratio Lower Upper  
117 100  
119 95.2 76.2 114.2  
121 30.0 24.8 37.2





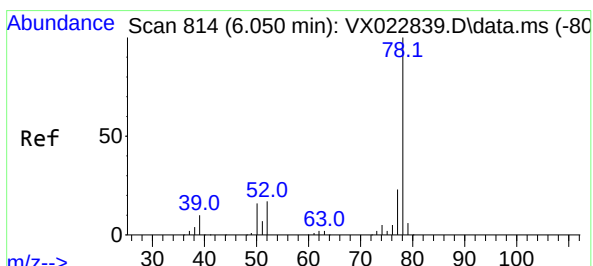
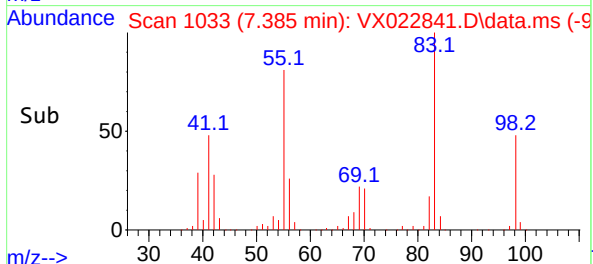
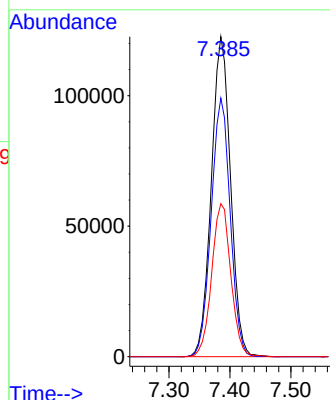
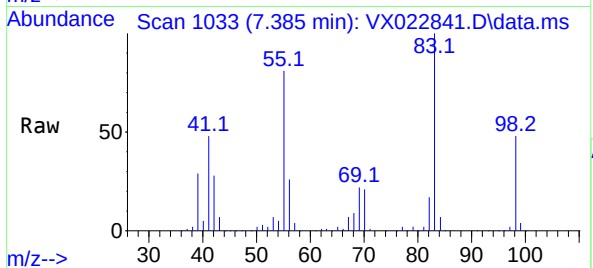
#39  
Methylcyclohexane  
Concen: 183.84 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 83 Resp: 268659  
Ion Ratio Lower Upper  
83 100  
55 80.8 58.9 88.3  
98 47.8 38.1 57.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

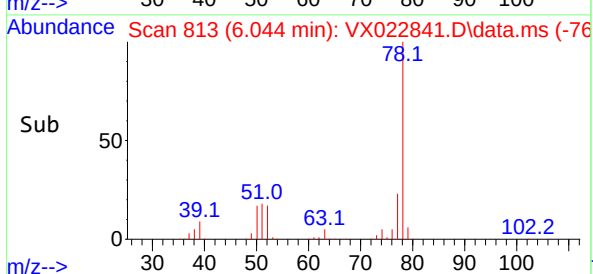
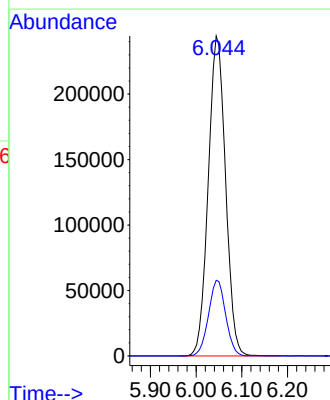
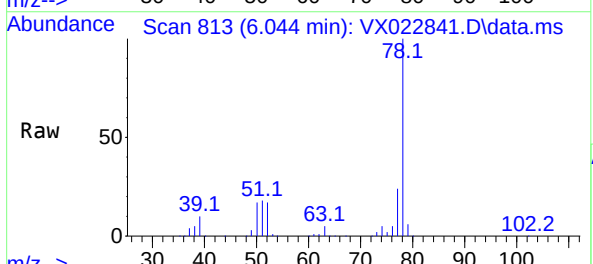
Manual Integrations  
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6/24/2021 5:00:00 PM

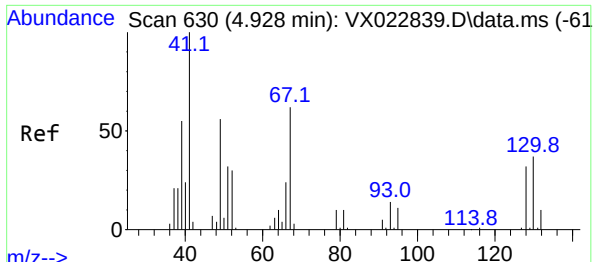


#40  
Benzene  
Concen: 159.26 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 78 Resp: 642373  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.9 28.3







#41  
Methacrylonitrile  
Concen: 161.73 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

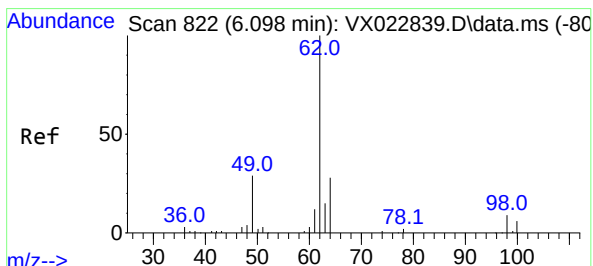
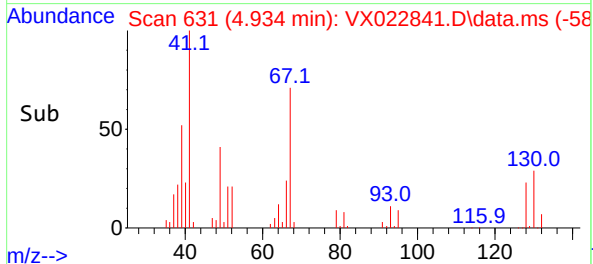
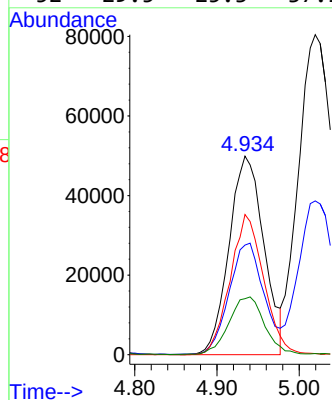
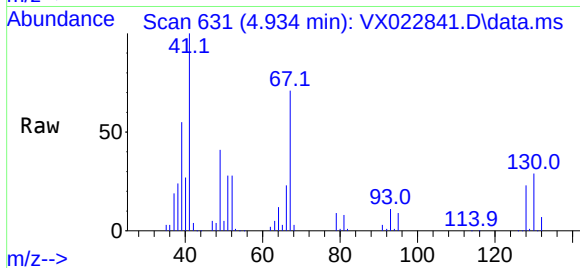
Tgt Ion: 41 Resp: 147307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.2  | 42.5  | 63.7  |
| 67  | 68.2  | 65.0  | 97.6  |
| 52  | 29.5  | 25.3  | 37.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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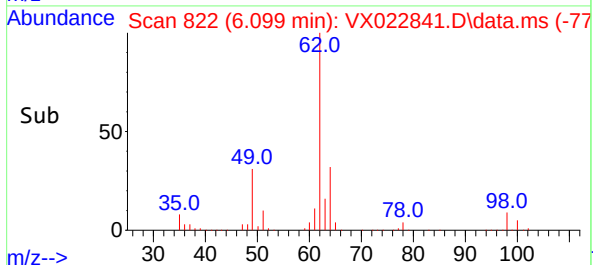
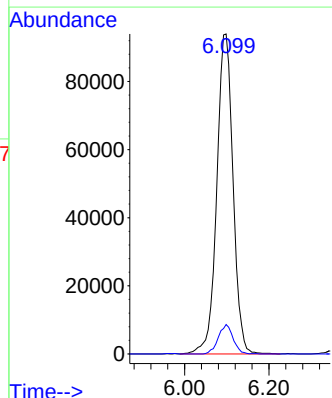
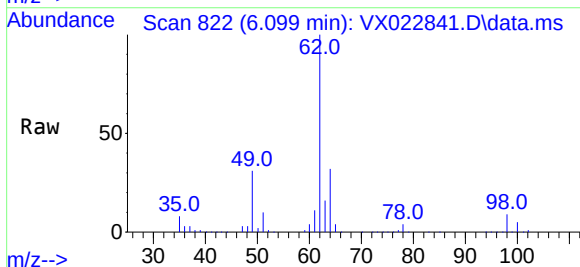
MMDadoda  
6/24/2021 5:00:00 PM

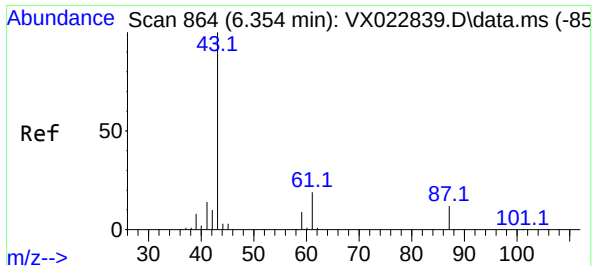


#42  
1,2-Dichloroethane  
Concen: 167.49 ug/l  
RT: 6.099 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

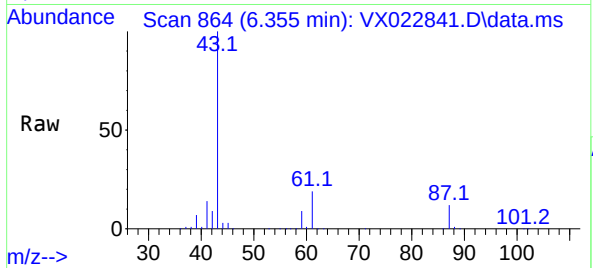
Tgt Ion: 62 Resp: 250493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.4   | 0.0   | 20.2  |

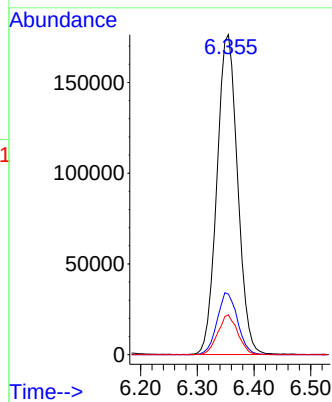
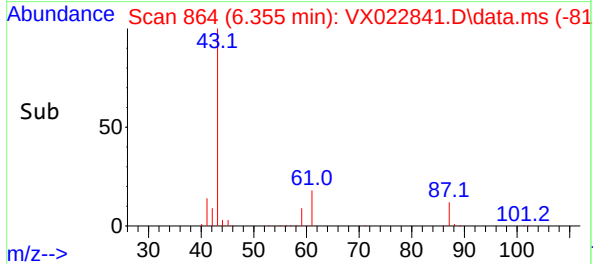




#43  
Isopropyl Acetate  
Concen: 164.89 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



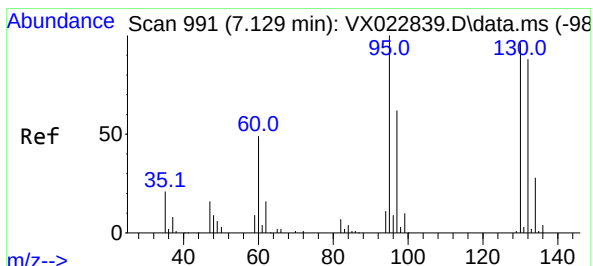
Tgt Ion: 43 Resp: 446073  
Ion Ratio Lower Upper  
43 100  
61 19.1 18.2 27.4  
87 12.0 12.5 18.7#



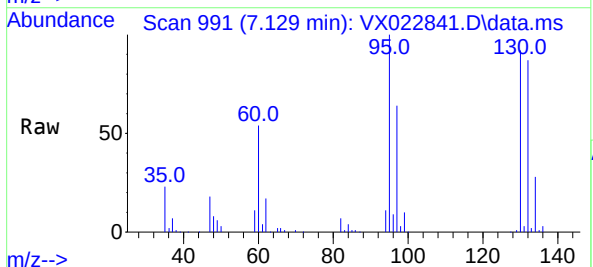
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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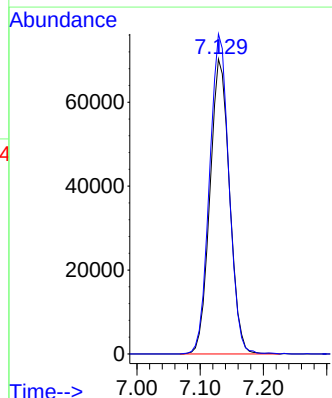
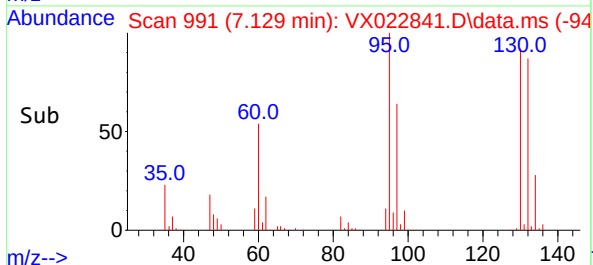
MMDadoda  
6/24/2021 5:00:00 PM

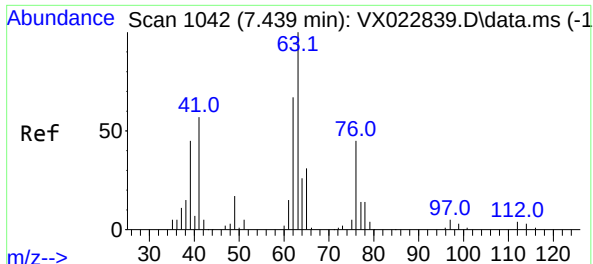


#44  
Trichloroethene  
Concen: 159.09 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion:130 Resp: 151106  
Ion Ratio Lower Upper  
130 100  
95 108.5 0.0 198.0





#45

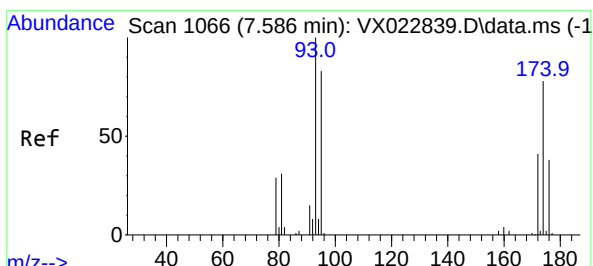
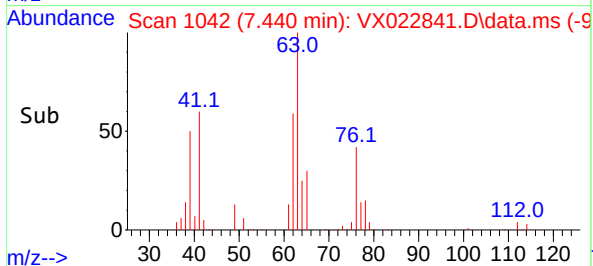
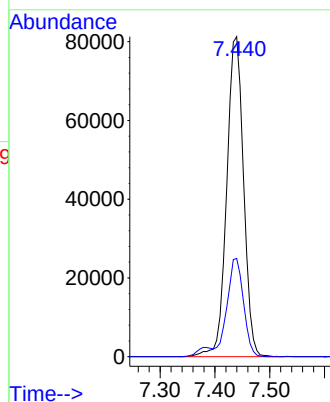
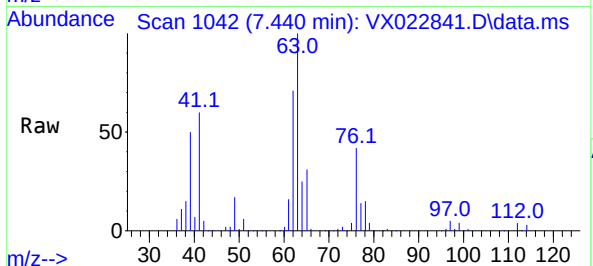
1,2-Dichloropropane  
Concen: 160.21 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 63 Resp: 173856  
Ion Ratio Lower Upper  
63 100  
65 30.7 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

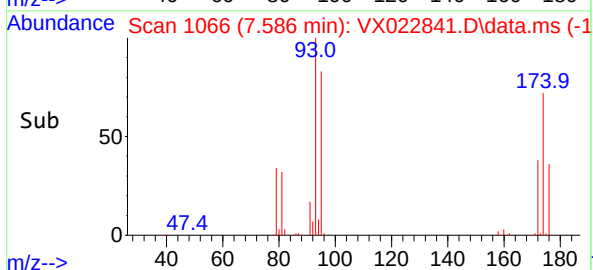
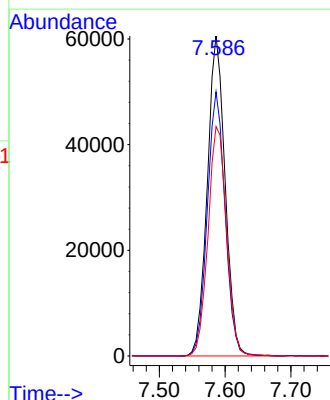
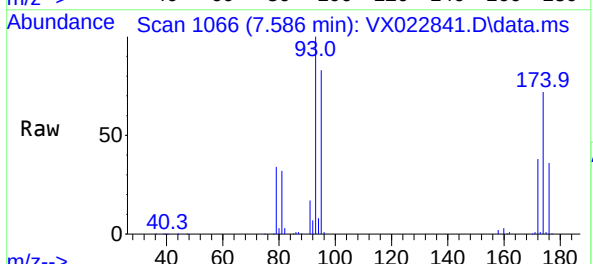
MMDadoda  
6/24/2021 5:00:00 PM

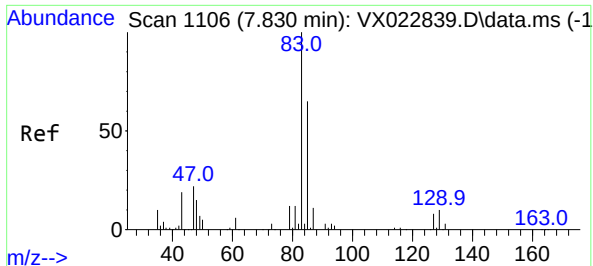


#46

Dibromomethane  
Concen: 168.71 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 93 Resp: 114092  
Ion Ratio Lower Upper  
93 100  
95 82.5 66.8 100.2  
174 74.4 83.1 124.7#





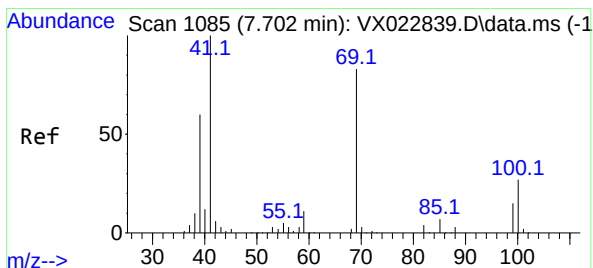
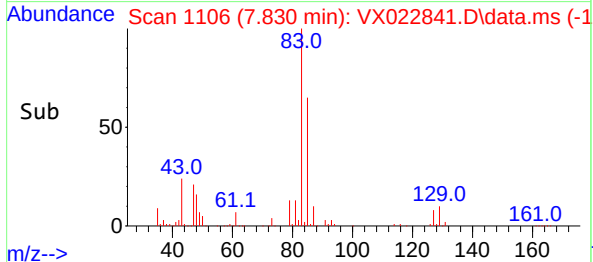
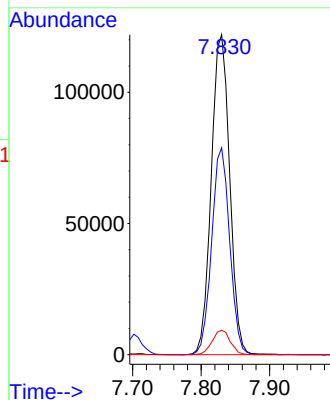
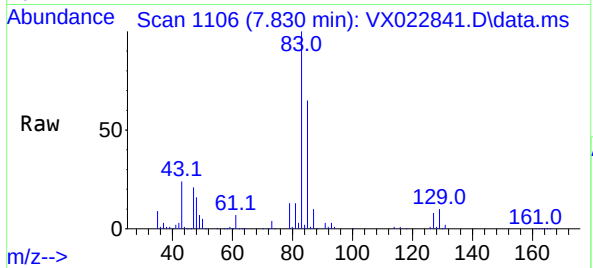
#47  
Bromodichloromethane  
Concen: 181.39 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 83 Resp: 227159  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.4 77.0  
127 7.6 6.8 10.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

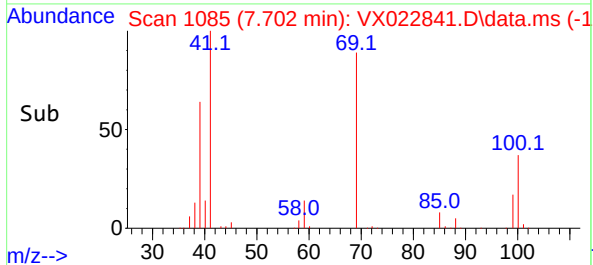
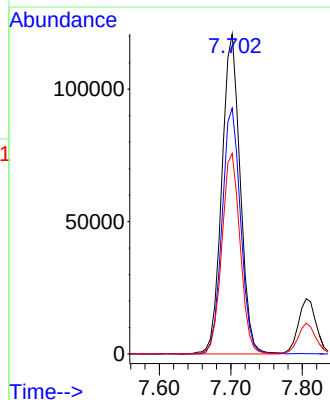
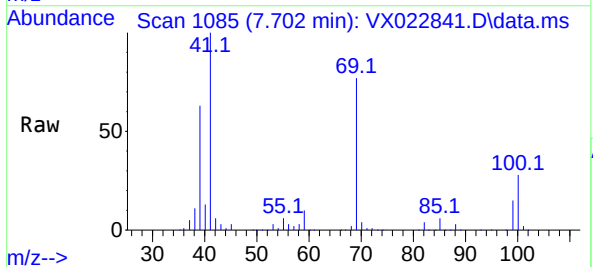
Manual Integrations  
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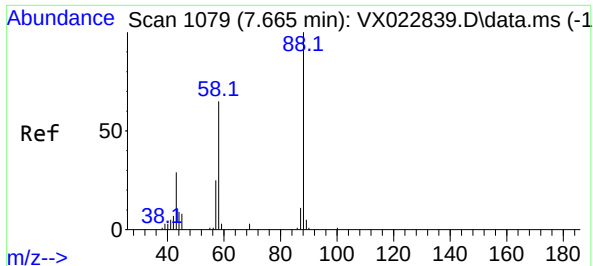
MMDadoda  
6/24/2021 5:00:00 PM



#48  
Methyl methacrylate  
Concen: 166.45 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 41 Resp: 215696  
Ion Ratio Lower Upper  
41 100  
69 77.4 76.0 114.0  
39 62.3 44.6 67.0





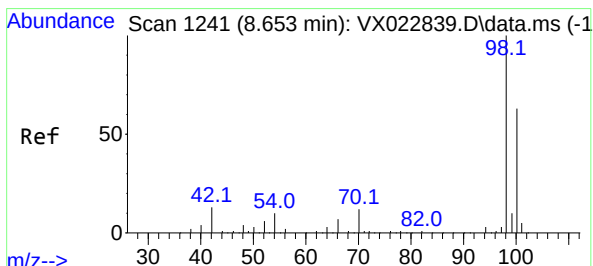
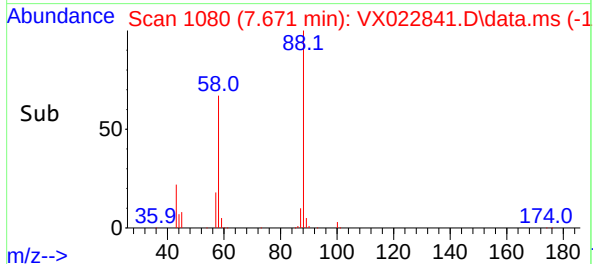
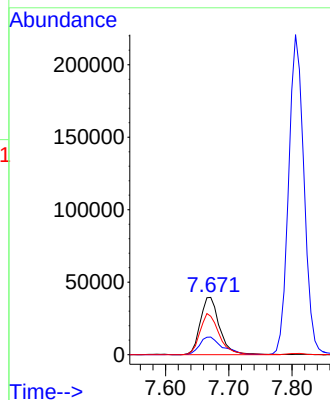
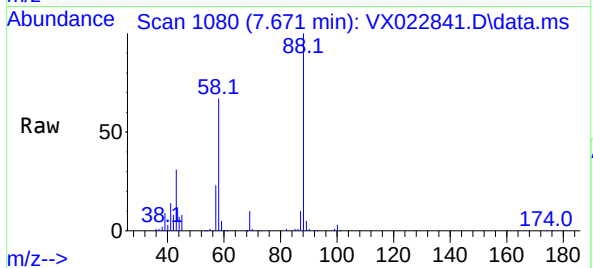
#49  
1,4-Dioxane  
Concen: 3327.11 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 88 Resp: 83530  
Ion Ratio Lower Upper  
88 100  
43 36.8 23.2 34.8#  
58 71.0 55.0 82.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

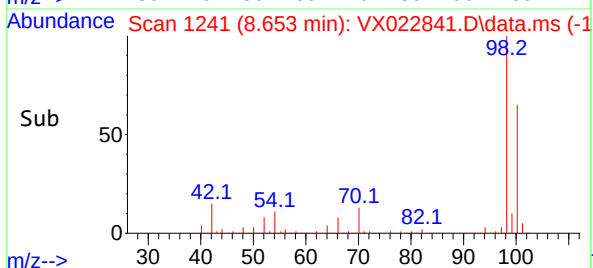
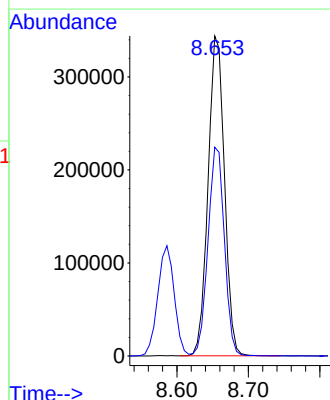
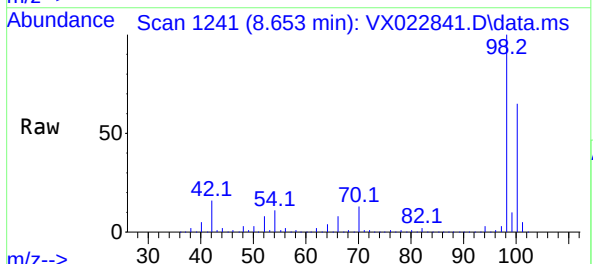
Manual Integrations  
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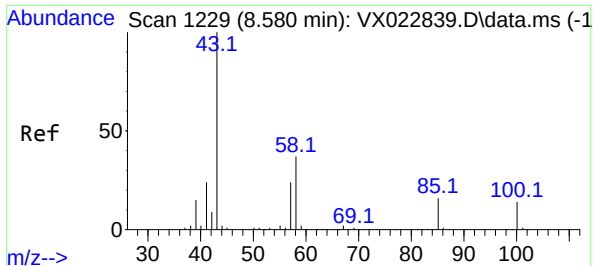
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6/24/2021 5:00:00 PM



#50  
Toluene-d8  
Concen: 160.41 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 98 Resp: 547293  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.9 77.9





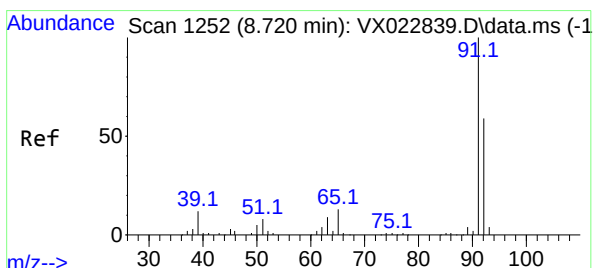
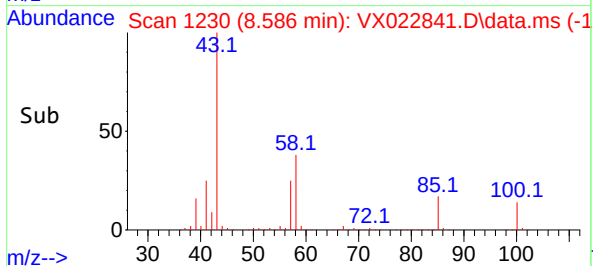
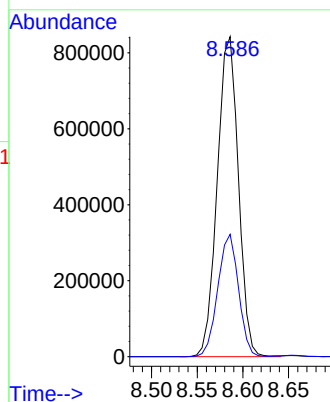
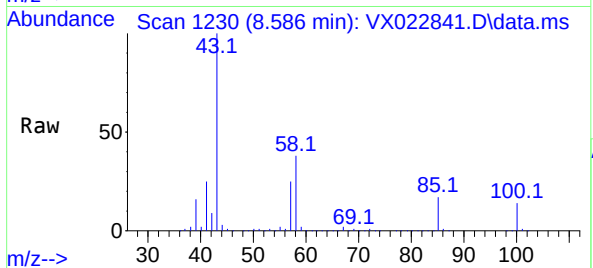
#51  
4-Methyl-2-Pentanone  
Concen: 789.50 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 43 Resp: 1355624  
Ion Ratio Lower Upper  
43 100  
58 37.5 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

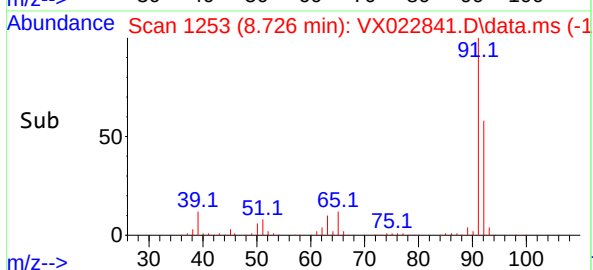
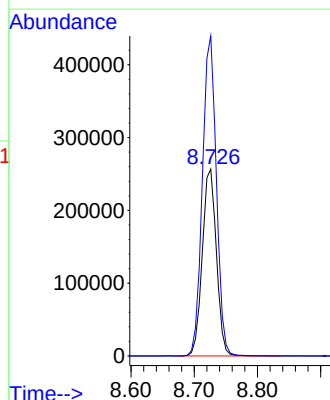
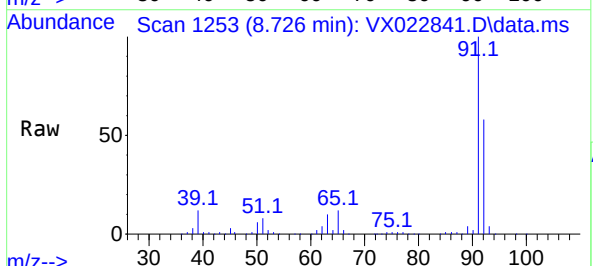
Manual Integrations  
APPROVED

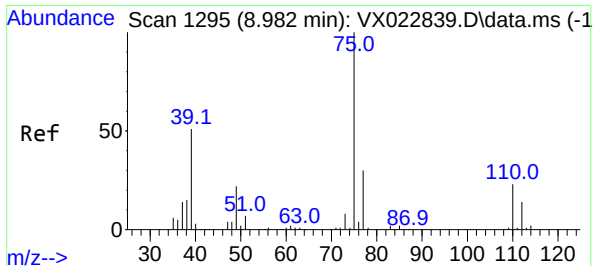
MMDadoda  
6/24/2021 5:00:00 PM



#52  
Toluene  
Concen: 158.83 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 92 Resp: 398687  
Ion Ratio Lower Upper  
92 100  
91 169.7 137.1 205.7





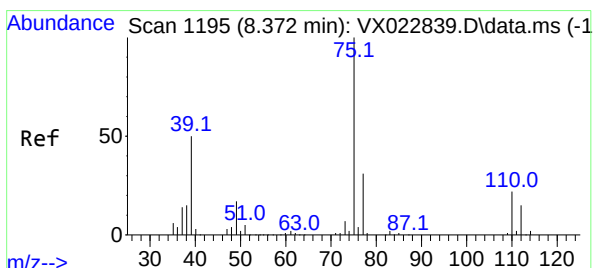
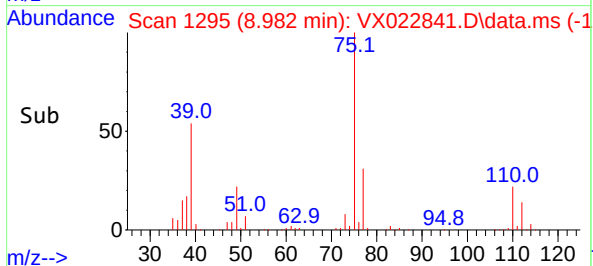
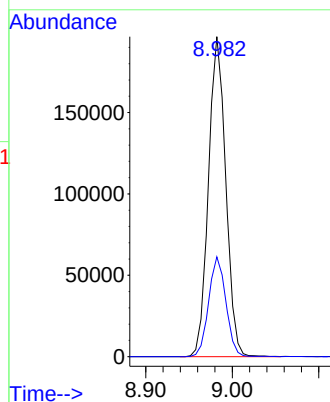
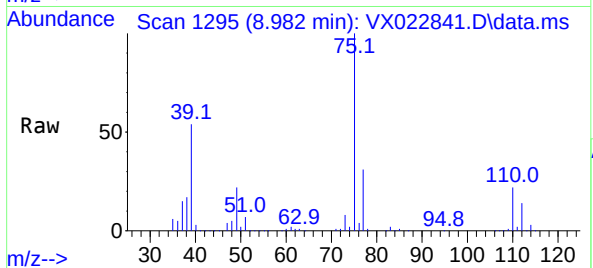
#53  
t-1,3-Dichloropropene  
Concen: 188.41 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 75 Resp: 272591  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

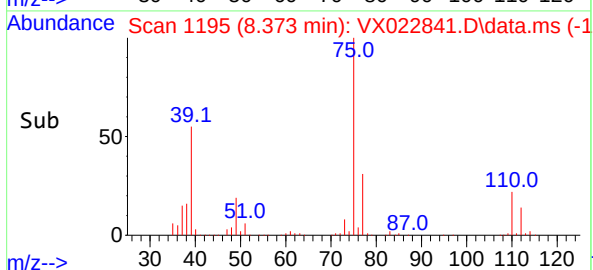
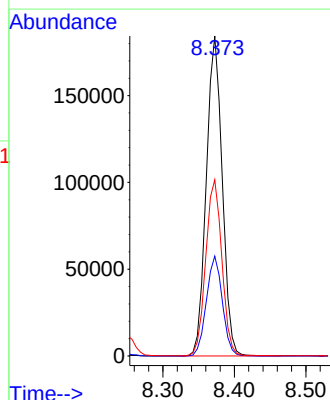
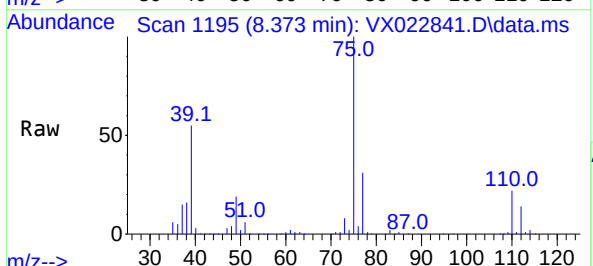
Manual Integrations  
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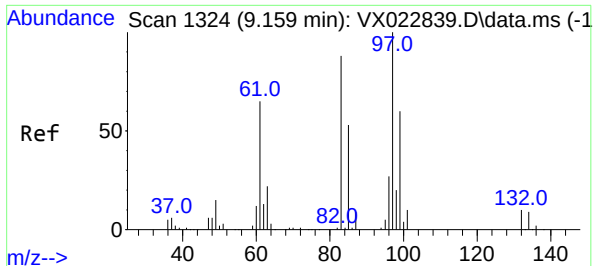
MMDadoda  
6/24/2021 5:00:00 PM



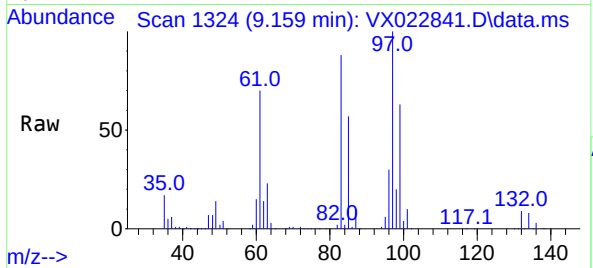
#54  
cis-1,3-Dichloropropene  
Concen: 180.18 ug/l  
RT: 8.373 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 75 Resp: 285317  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.7 38.5  
39 55.0 35.1 52.7#



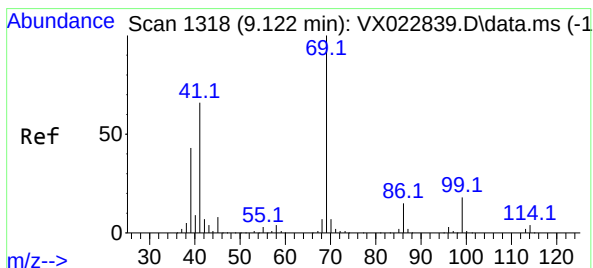
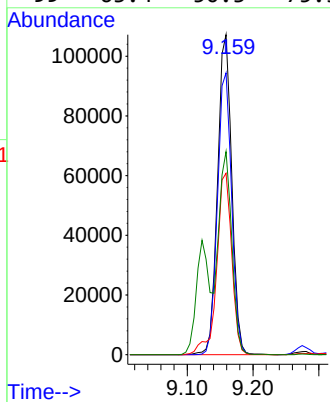
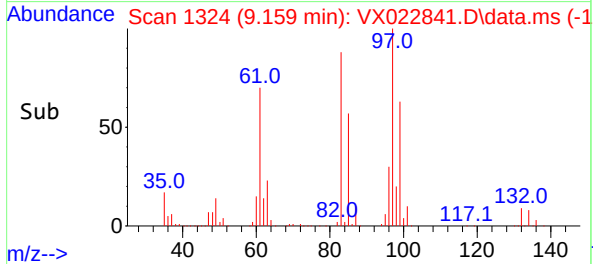


#55  
1,1,2-Trichloroethane  
Concen: 157.41 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

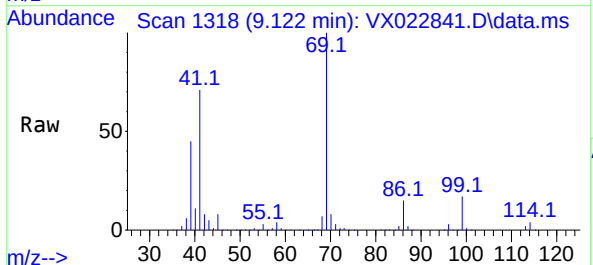


Tgt Ion: 97 Resp: 160973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.0  | 69.3  | 103.9 |
| 85  | 56.7  | 44.3  | 66.5  |
| 99  | 63.4  | 50.3  | 75.5  |

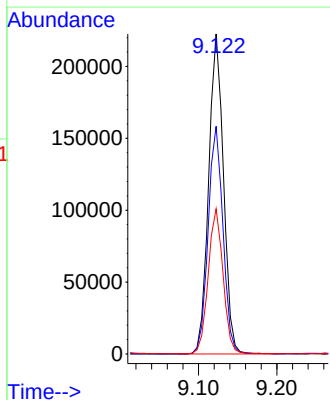
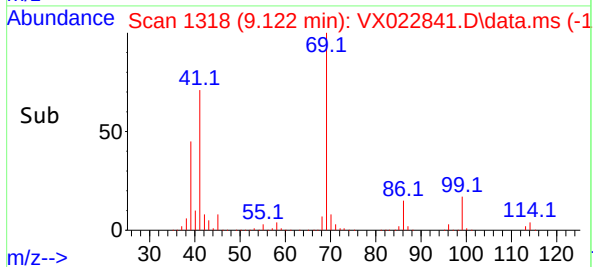


#56  
Ethyl methacrylate  
Concen: 176.48 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion: 69 Resp: 292054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.1  | 46.8  | 70.2# |
| 39  | 45.4  | 24.7  | 37.1# |

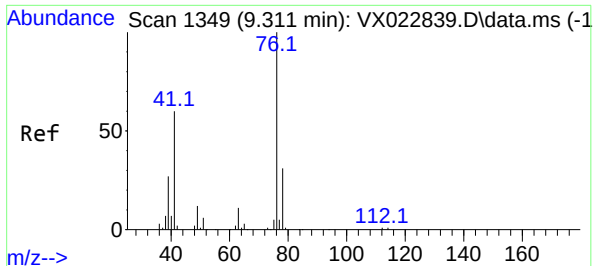


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#57

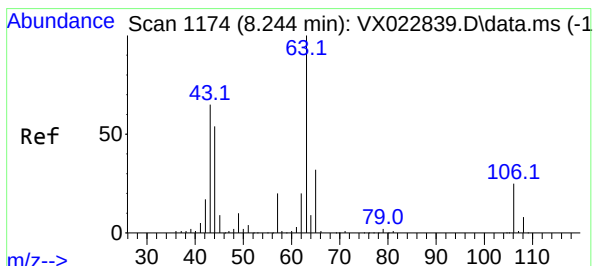
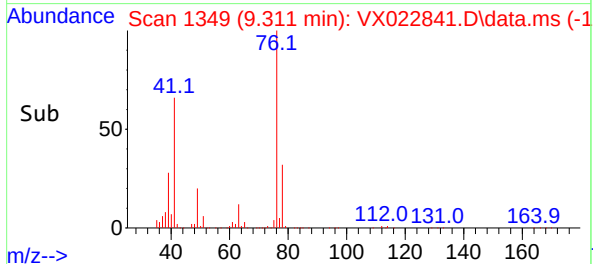
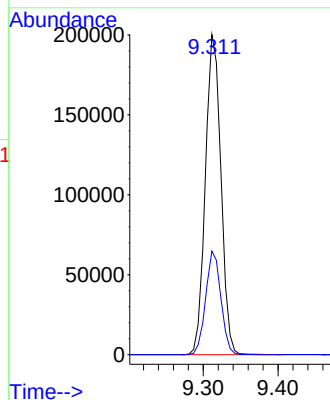
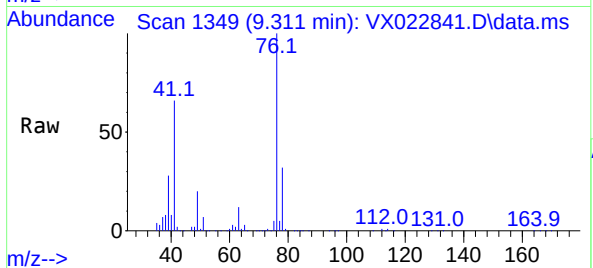
1,3-Dichloropropane  
Concen: 162.15 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 76 Resp: 289113  
Ion Ratio Lower Upper  
76 100  
78 31.7 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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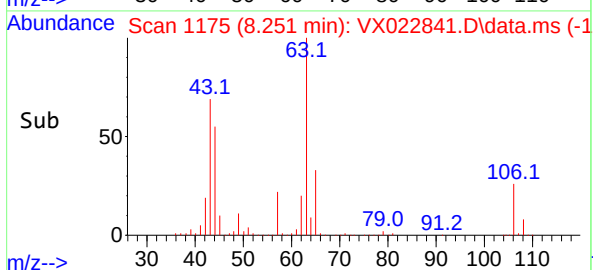
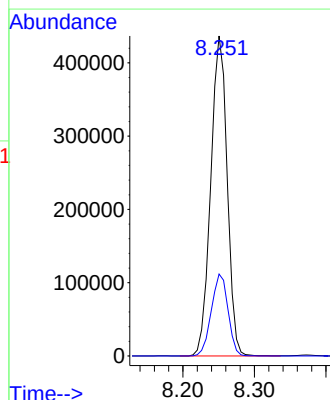
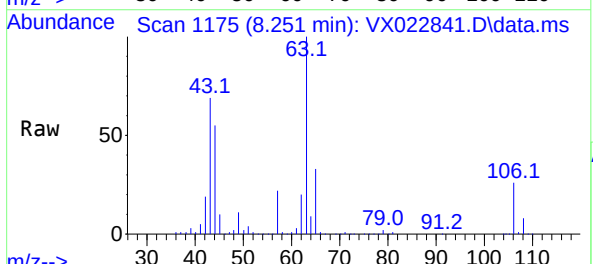
MMDadoda  
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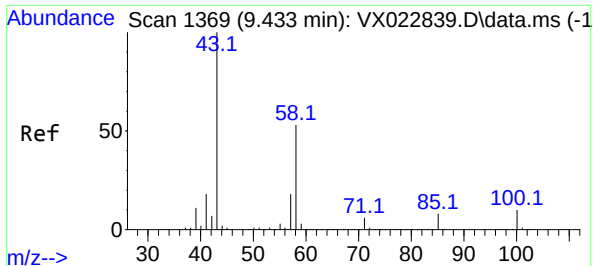


#58

2-Chloroethyl Vinyl ether  
Concen: 758.41 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 63 Resp: 696527  
Ion Ratio Lower Upper  
63 100  
106 26.0 23.5 35.3





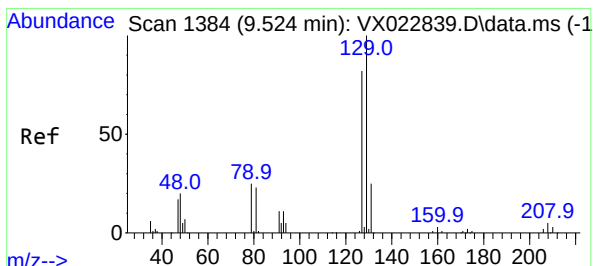
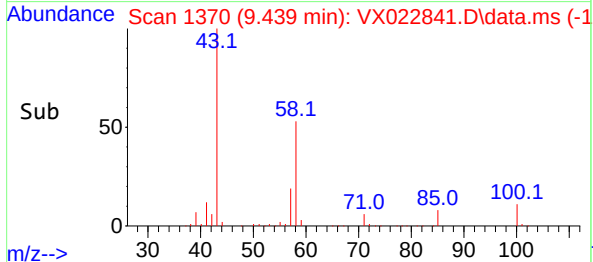
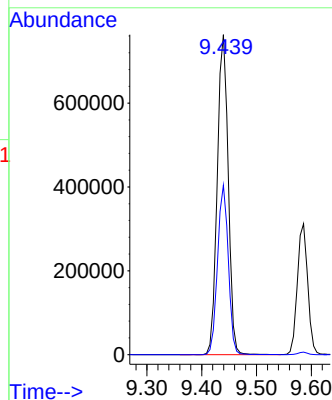
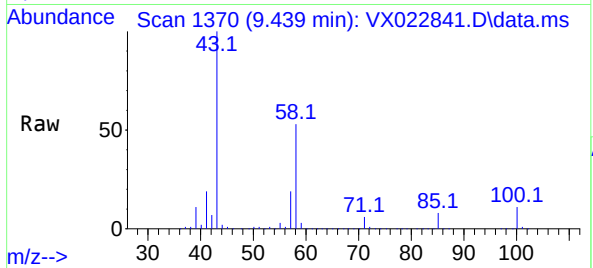
#59  
2-Hexanone  
Concen: 807.69 ug/l  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 43 Resp: 1056542  
Ion Ratio Lower Upper  
43 100  
58 52.0 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

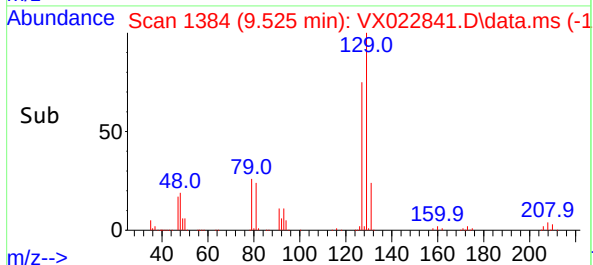
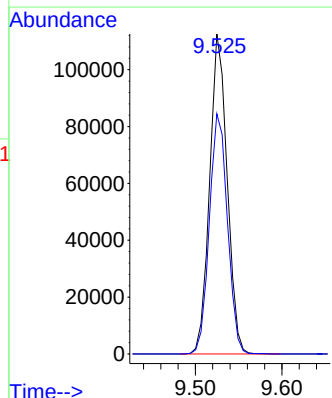
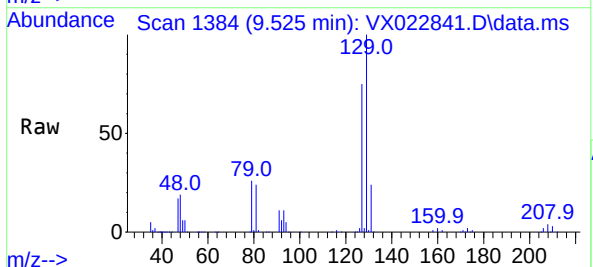
Manual Integrations  
APPROVED

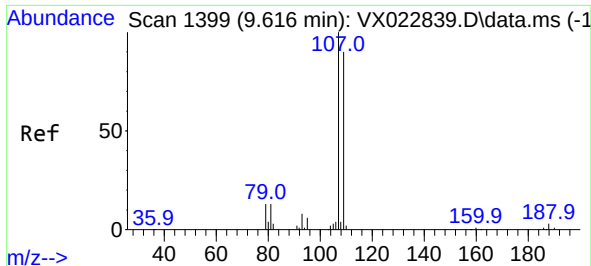
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#60  
Dibromochloromethane  
Concen: 188.54 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:129 Resp: 157896  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.4 115.2





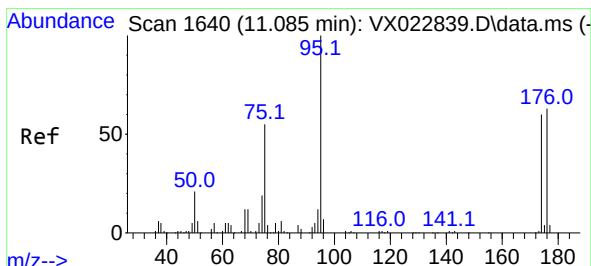
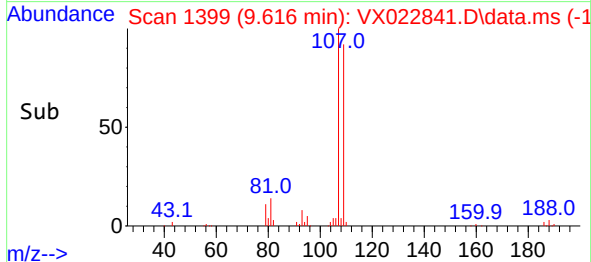
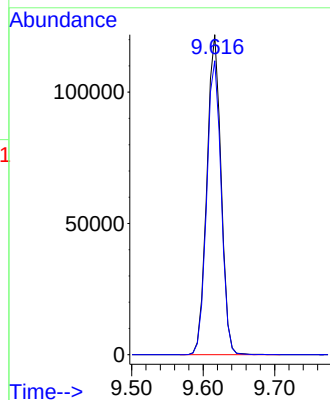
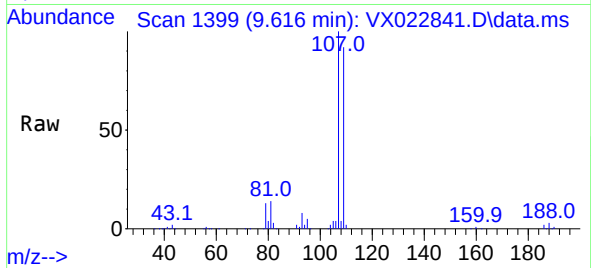
#61  
1,2-Dibromoethane  
Concen: 165.36 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:107 Resp: 168091  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.8 113.6

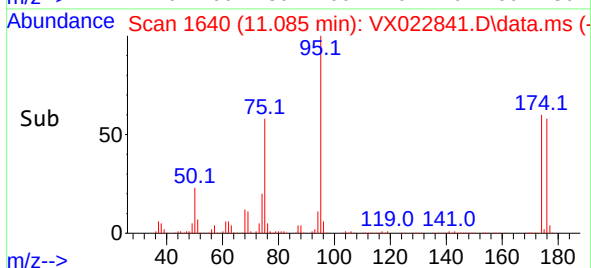
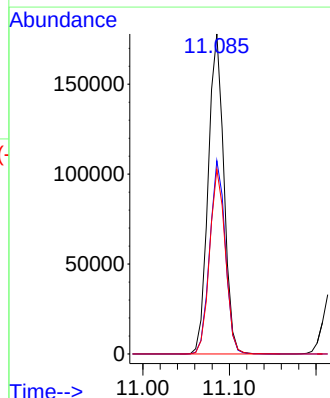
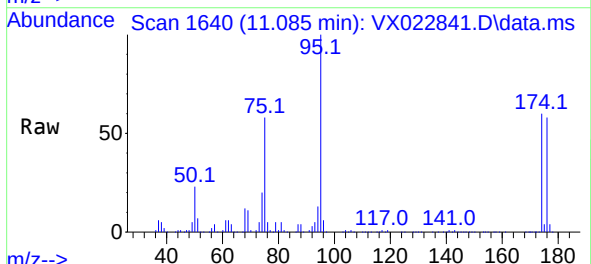
Manual Integrations  
APPROVED

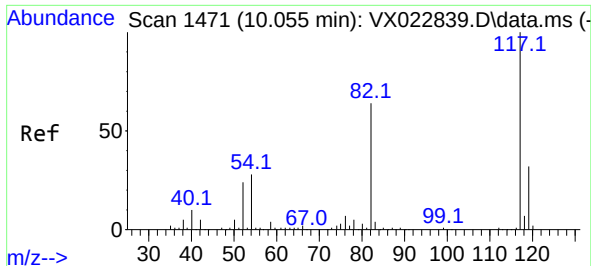
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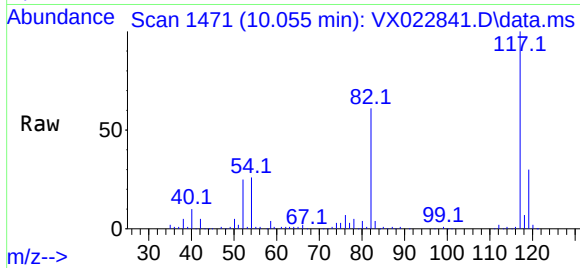
#62  
4-Bromofluorobenzene  
Concen: 172.96 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 95 Resp: 223111  
Ion Ratio Lower Upper  
95 100  
174 60.0 0.0 154.6  
176 58.0 0.0 155.8

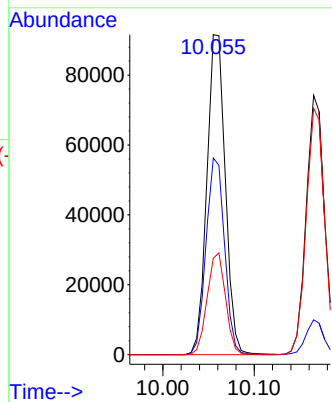
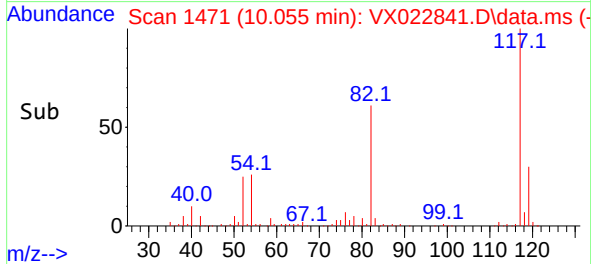




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



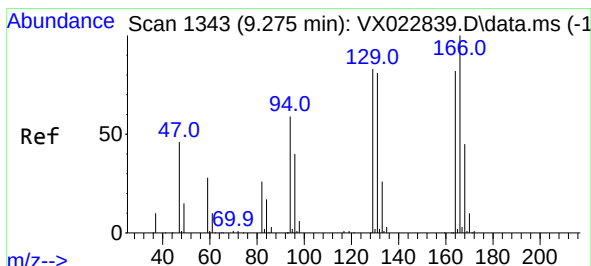
Tgt Ion:117 Resp: 128012  
Ion Ratio Lower Upper  
117 100  
82 61.5 47.4 71.2  
119 30.2 26.6 39.8



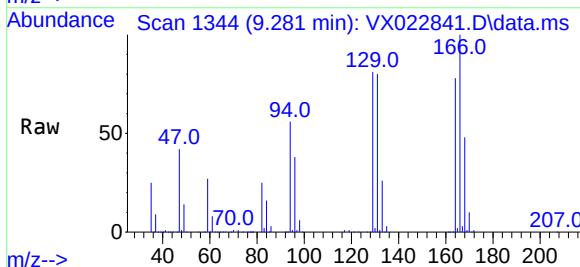
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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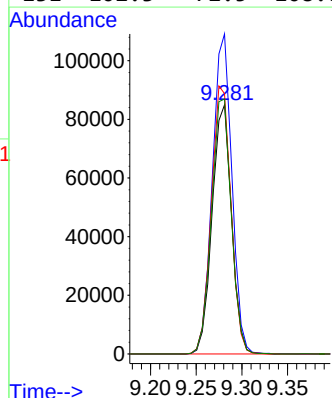
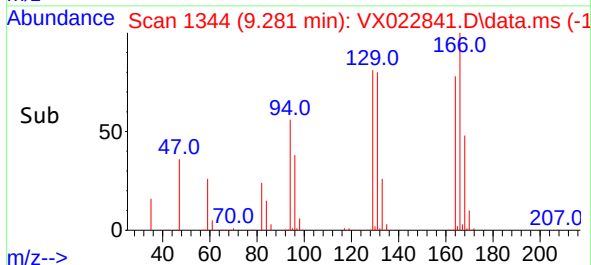
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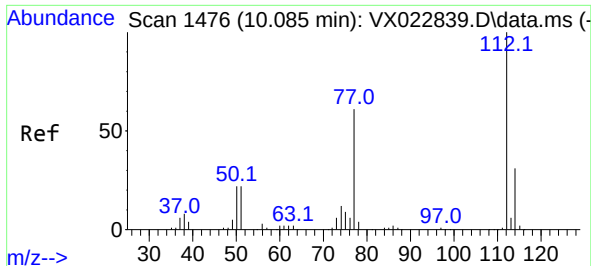


#64  
Tetrachloroethene  
Concen: 152.36 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



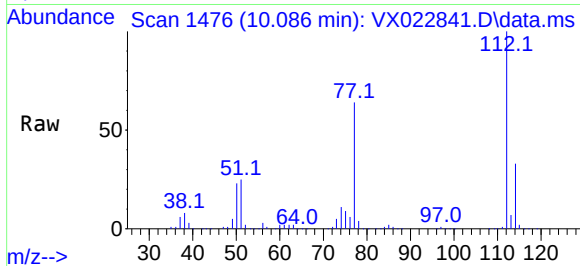
Tgt Ion:164 Resp: 125810  
Ion Ratio Lower Upper  
164 100  
166 128.4 103.4 155.2  
129 104.4 70.8 106.2  
131 102.3 72.5 108.7





#65  
Chlorobenzene  
Concen: 152.11 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

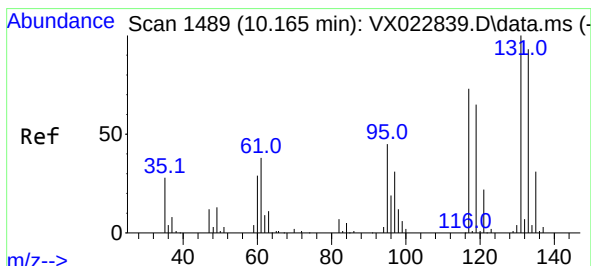
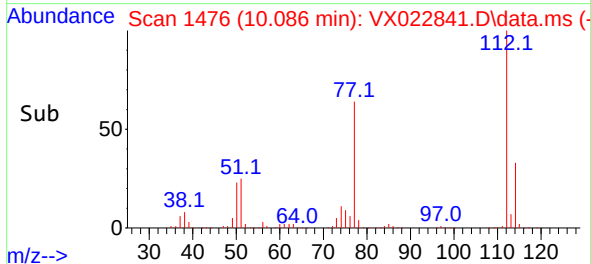
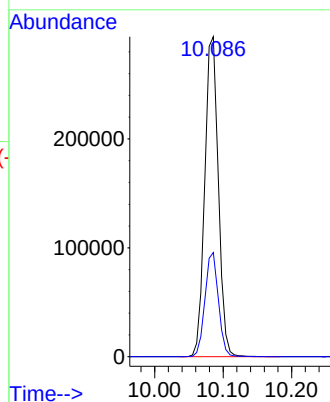
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



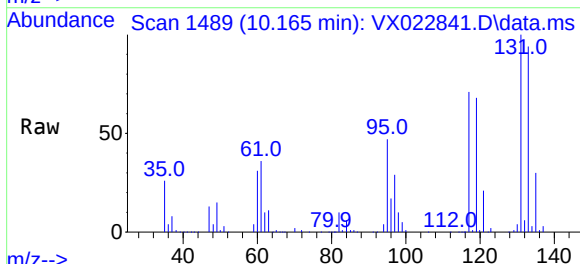
Tgt Ion:112 Resp: 405925  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.8 38.6

Manual Integrations  
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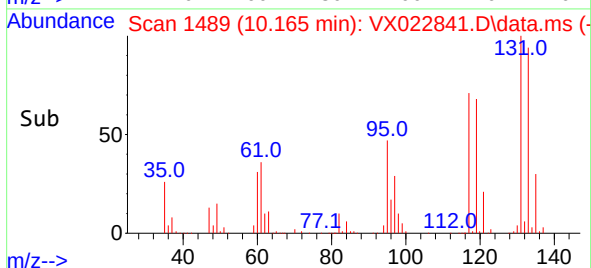
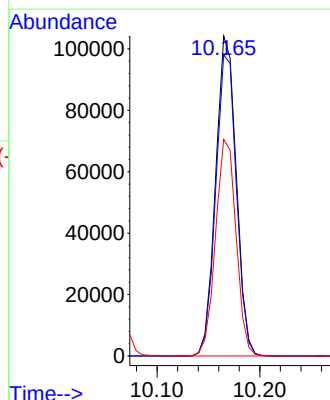
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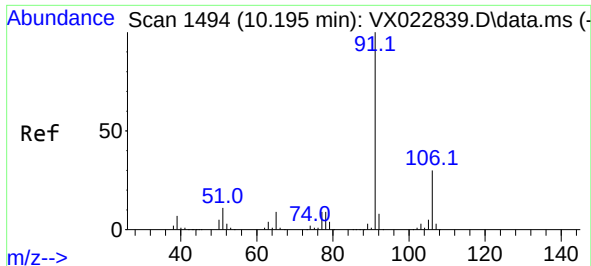


#66  
1,1,1,2-Tetrachloroethane  
Concen: 166.78 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion:131 Resp: 144964  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.7 143.1  
119 67.5 32.1 96.5





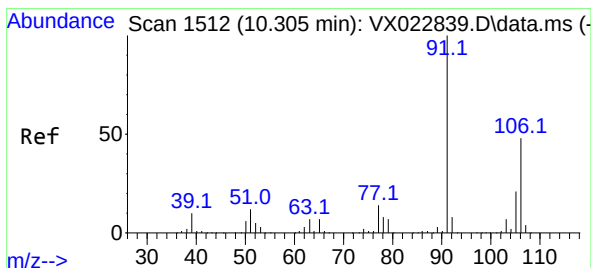
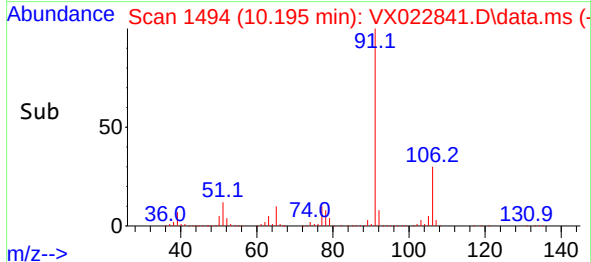
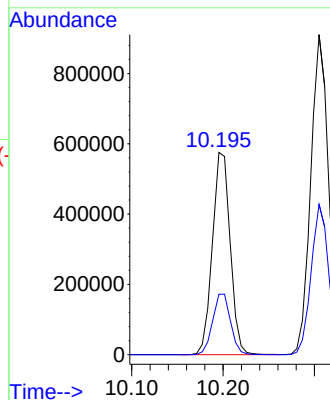
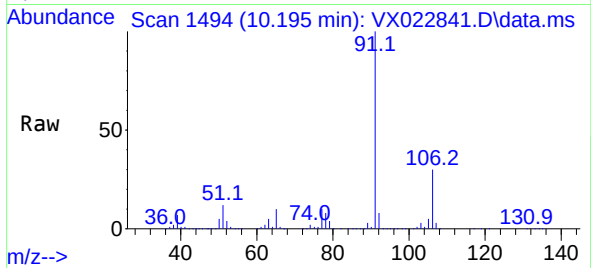
#67  
Ethyl Benzene  
Concen: 157.97 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 91 Resp: 778029  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

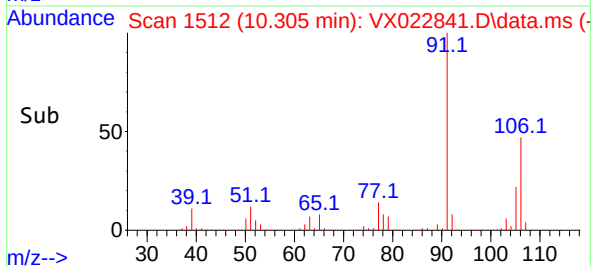
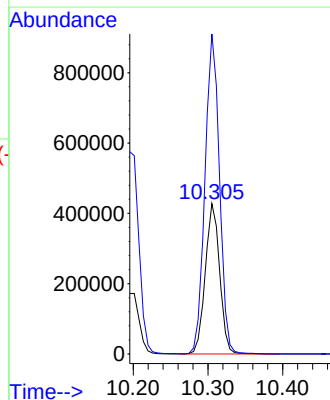
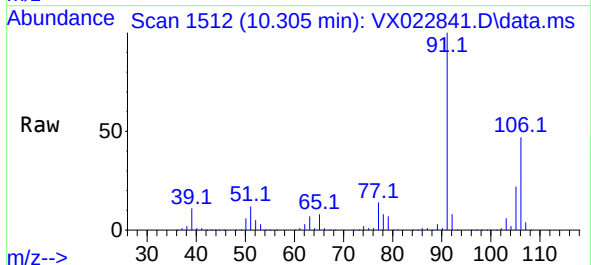
Manual Integrations  
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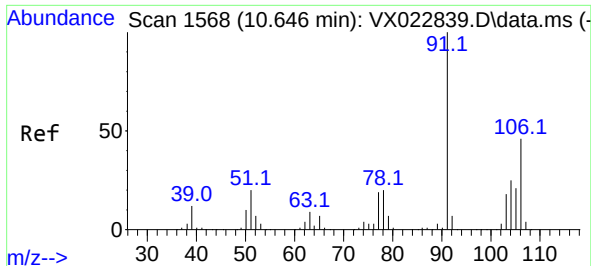
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#68  
m/p-Xylenes  
Concen: 319.98 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 106 Resp: 570368  
Ion Ratio Lower Upper  
106 100  
91 215.3 162.8 244.2





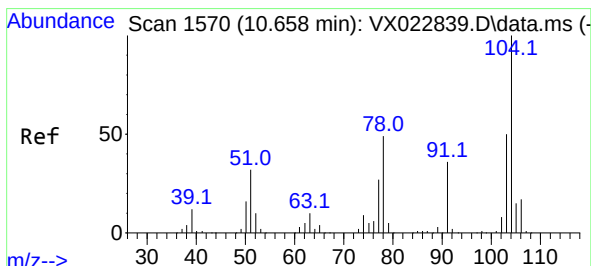
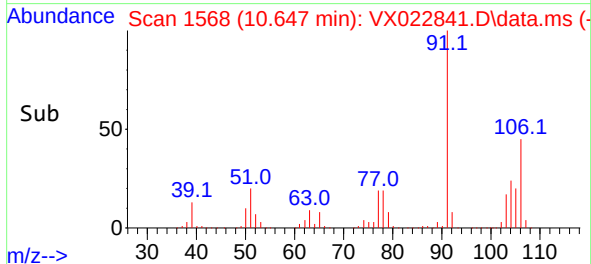
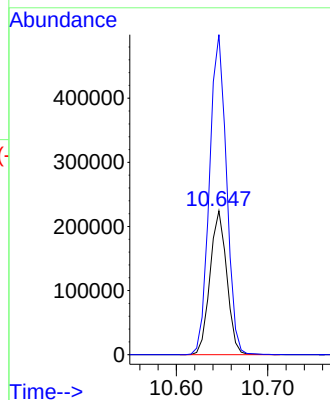
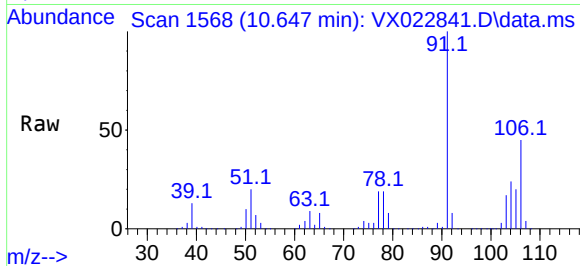
#69  
o-Xylene  
Concen: 164.74 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:106 Resp: 285170  
Ion Ratio Lower Upper  
106 100  
91 226.2 108.1 324.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

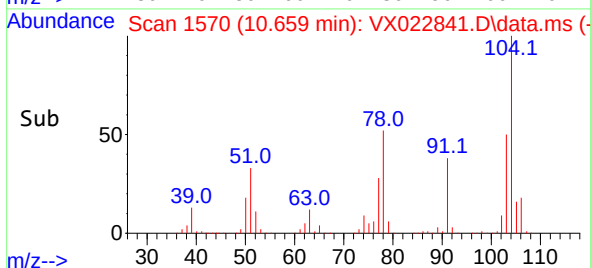
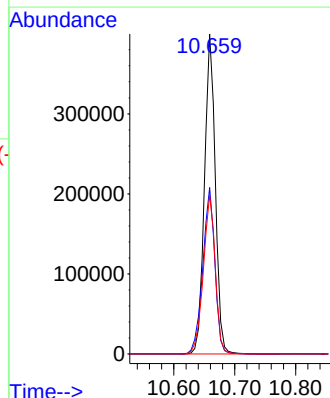
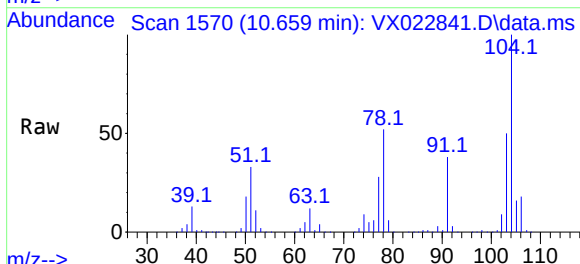
Manual Integrations  
APPROVED

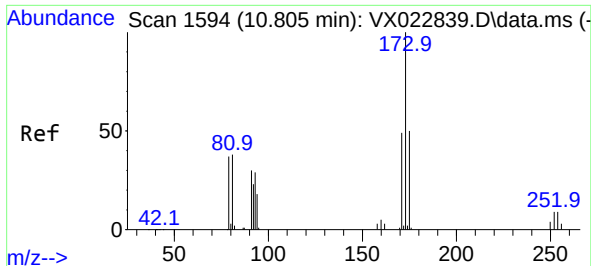
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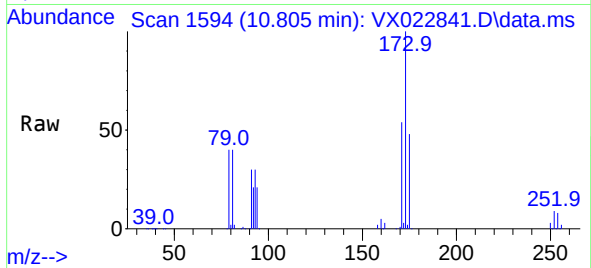
#70  
Styrene  
Concen: 171.18 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:104 Resp: 494062  
Ion Ratio Lower Upper  
104 100  
78 57.9 40.0 60.0  
103 54.7 43.4 65.0

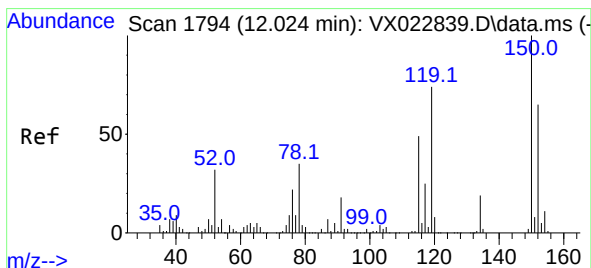
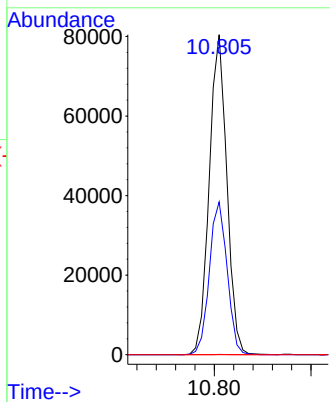
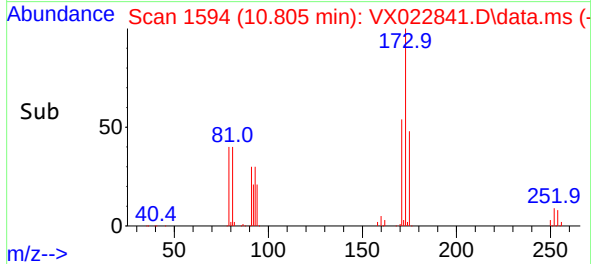




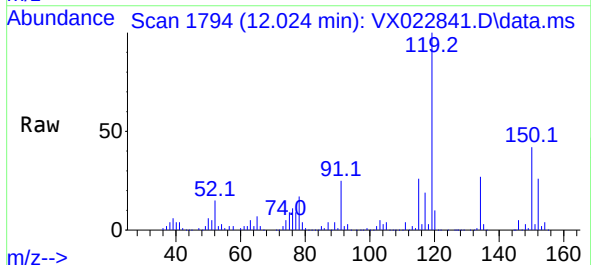
#71  
Bromoform  
Concen: 202.16 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



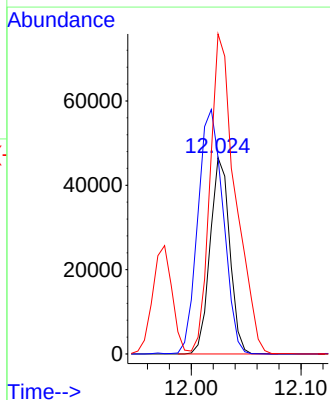
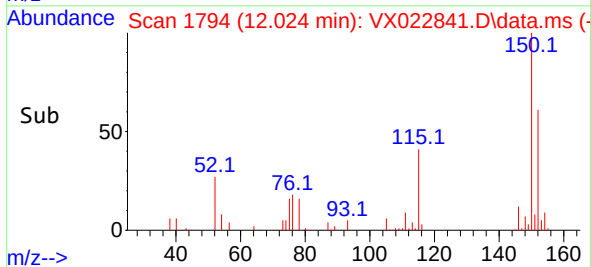
Tgt Ion:173 Resp: 101462  
Ion Ratio Lower Upper  
173 100  
175 48.1 23.9 71.8  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion:152 Resp: 57882  
Ion Ratio Lower Upper  
152 100  
115 160.5 41.1 123.3#  
150 211.2 0.0 349.0

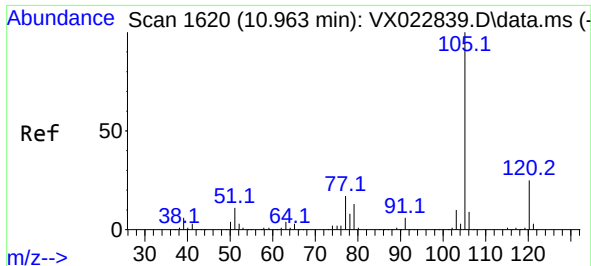


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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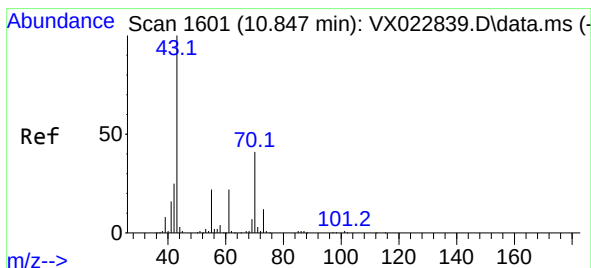
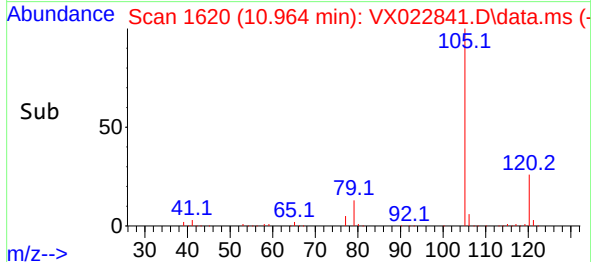
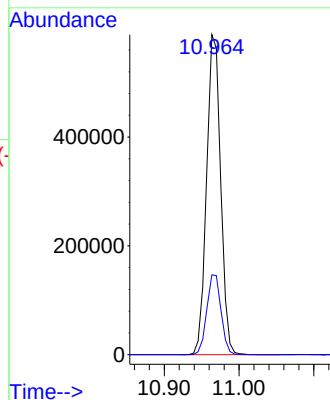
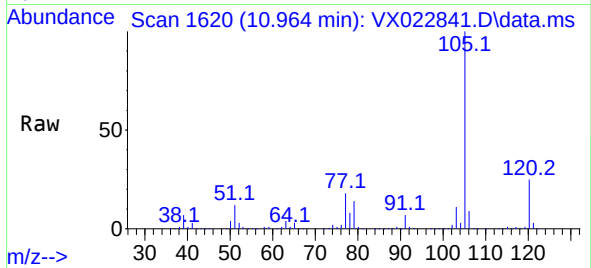
#73  
Isopropylbenzene  
Concen: 159.73 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 105 Resp: 767393  
Ion Ratio Lower Upper  
105 100  
120 25.3 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

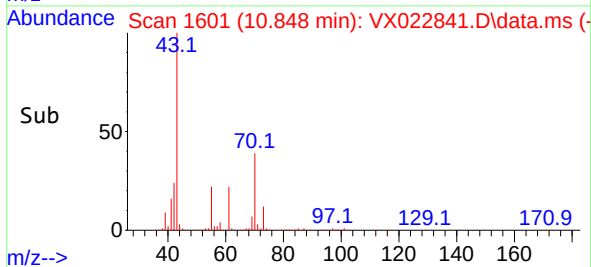
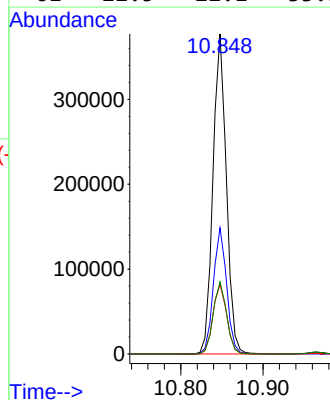
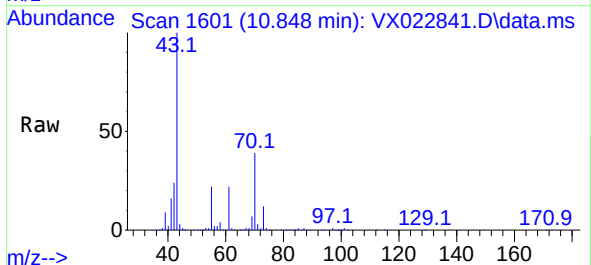
Manual Integrations  
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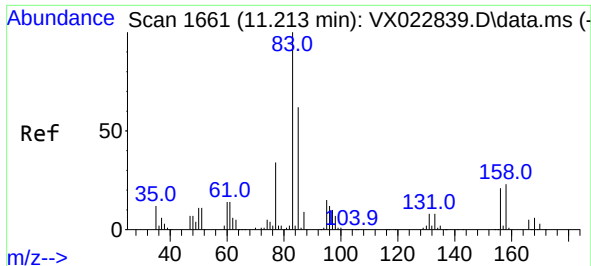
MMDadoda  
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#74  
N-ethyl acetate  
Concen: 166.36 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 43 Resp: 426218  
Ion Ratio Lower Upper  
43 100  
70 38.9 39.0 58.6#  
55 22.4 21.5 32.3  
61 22.5 22.1 33.1





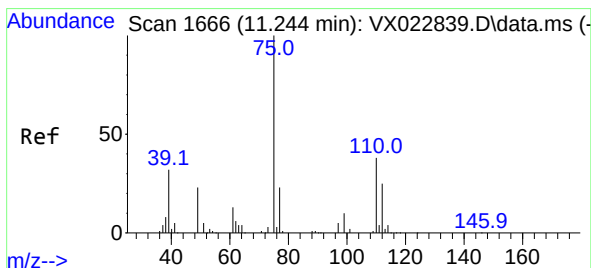
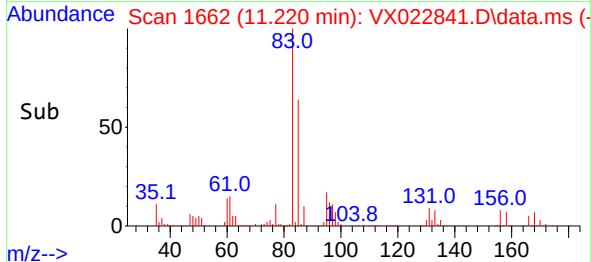
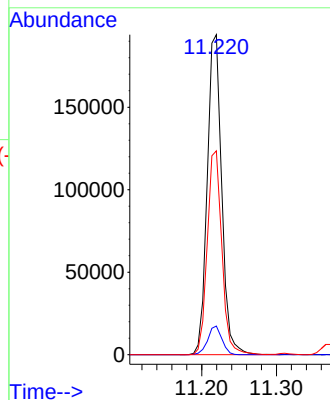
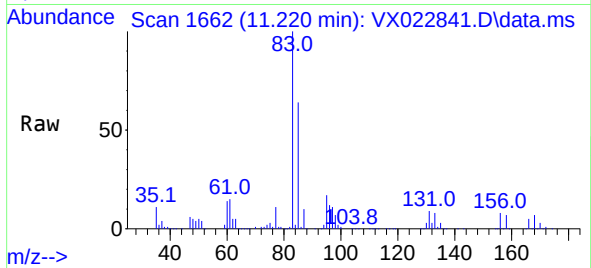
#75  
1,1,2,2-Tetrachloroethane  
Concen: 154.07 ug/l  
RT: 11.220 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 83 Resp: 260475  
Ion Ratio Lower Upper  
83 100  
131 8.8 5.1 15.2  
85 64.1 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

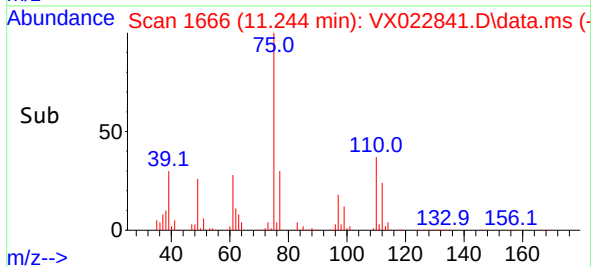
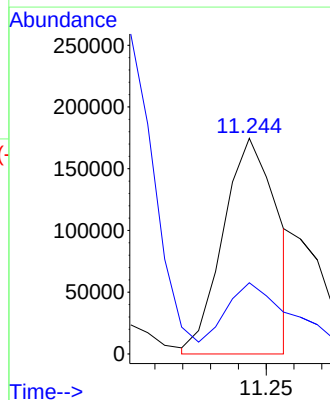
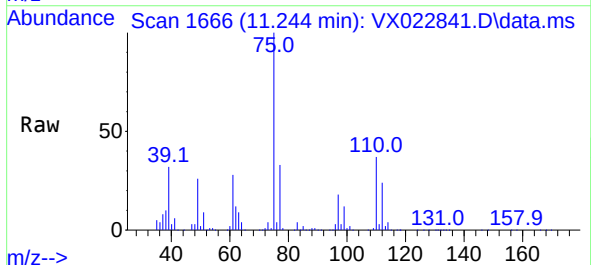
Manual Integrations  
APPROVED

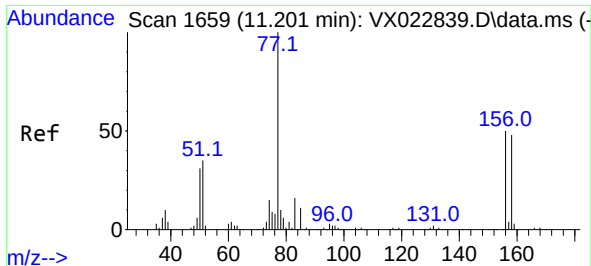
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#76  
1,2,3-Trichloropropane  
Concen: 153.62 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 75 Resp: 235796  
Ion Ratio Lower Upper  
75 100  
77 42.7 19.1 57.5





#77  
Bromobenzene  
Concen: 155.71 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

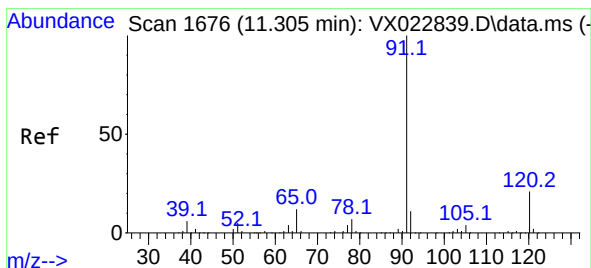
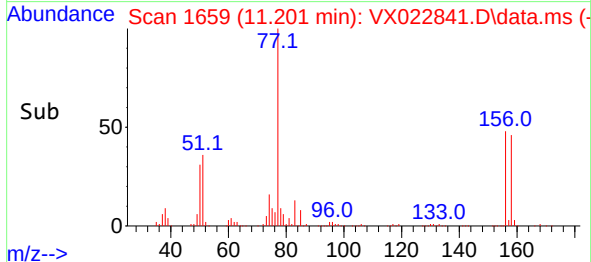
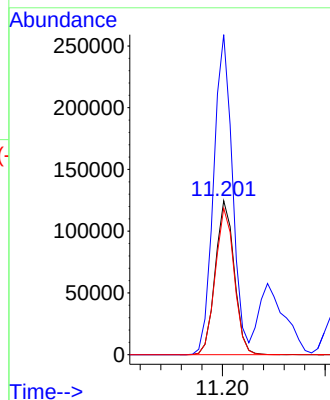
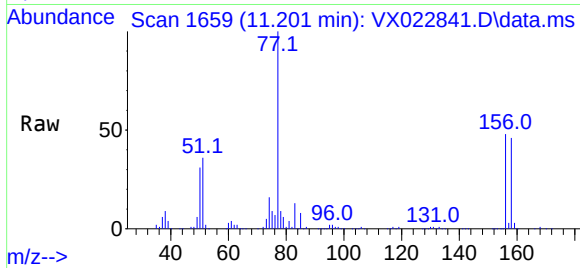
Tgt Ion:156 Resp: 158510  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 207.7 | 82.8  | 248.6 |
| 158 | 95.5  | 49.1  | 147.4 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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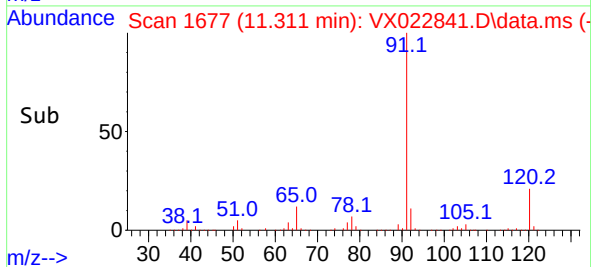
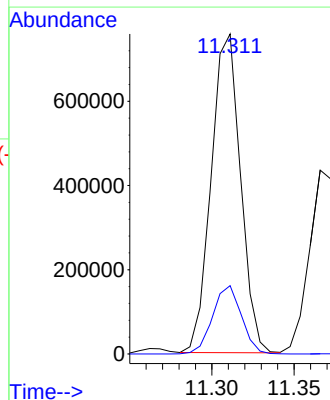
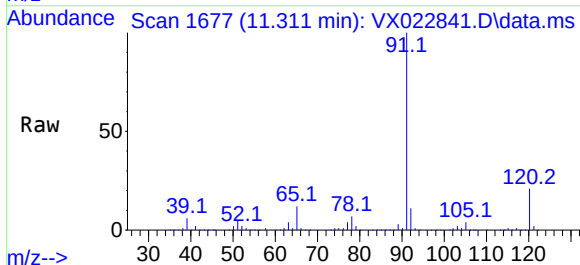
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6/24/2021 5:00:00 PM

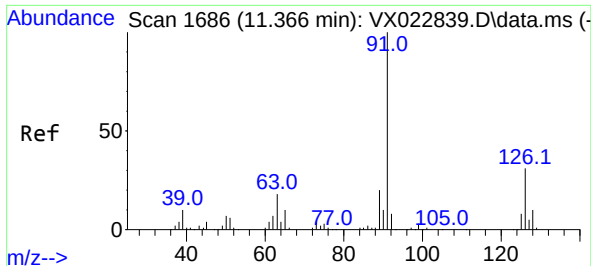


#78  
n-propylbenzene  
Concen: 162.07 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 91 Resp: 941269  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 21.1  | 11.5  | 34.5  |





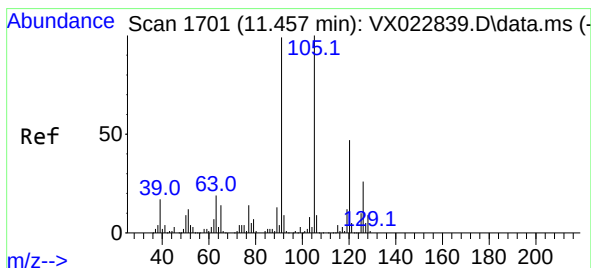
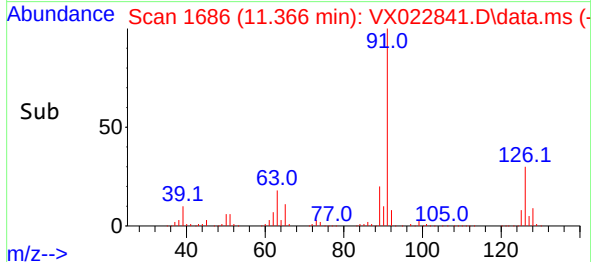
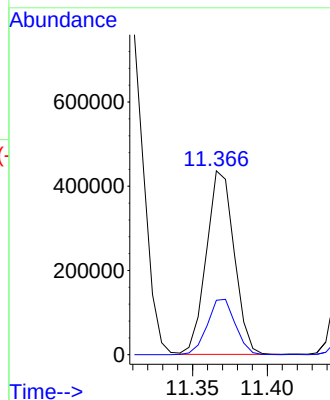
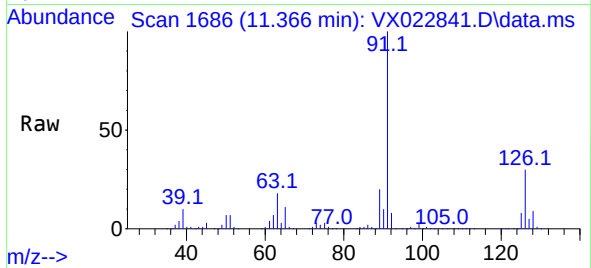
#79  
2-Chlorotoluene  
Concen: 160.24 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 91 Resp: 563841  
Ion Ratio Lower Upper  
91 100  
126 30.4 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

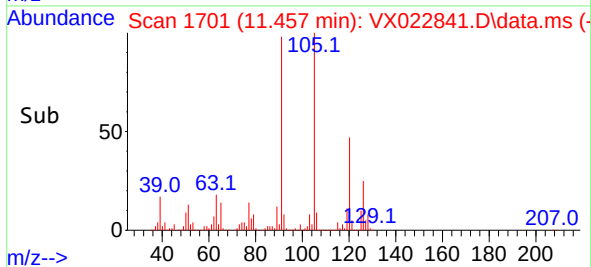
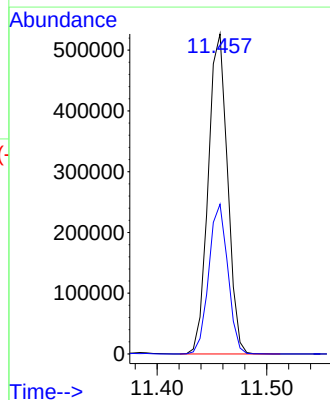
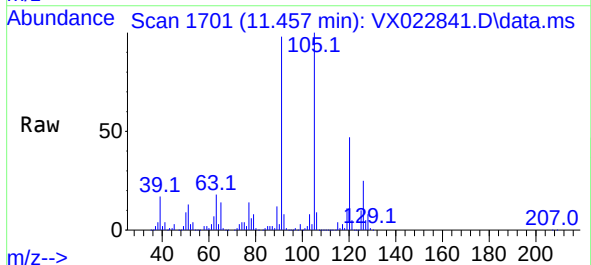
Manual Integrations  
APPROVED

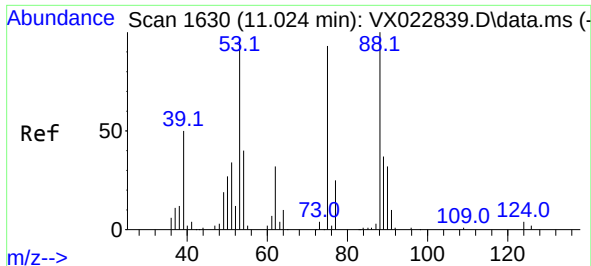
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#80  
1,3,5-Trimethylbenzene  
Concen: 161.87 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

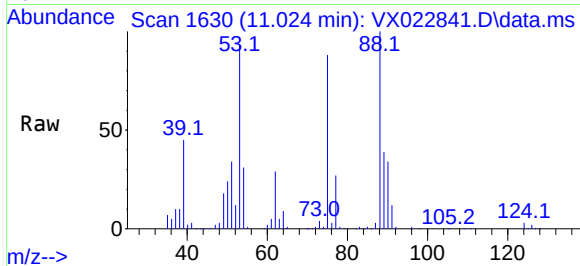
Tgt Ion: 105 Resp: 644341  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 183.72 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

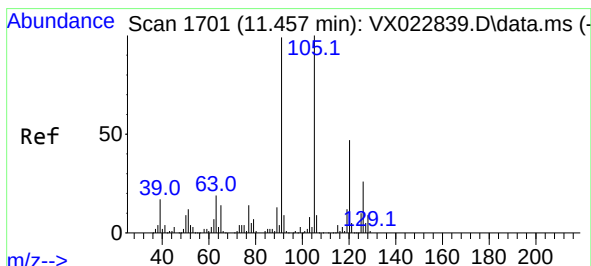
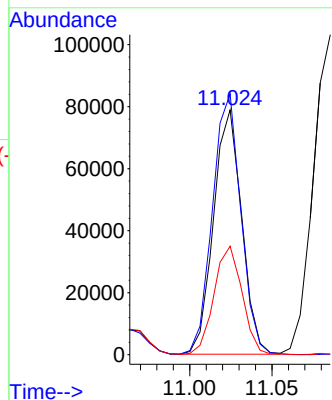
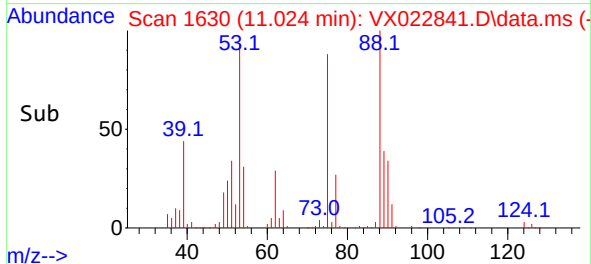
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



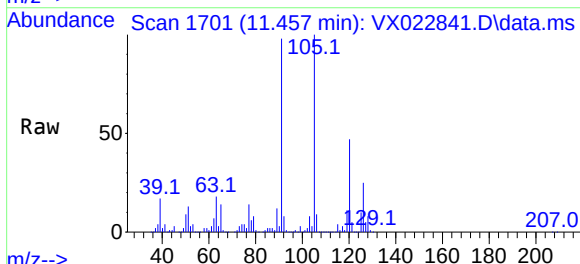
Tgt Ion: 75 Resp: 93985  
Ion Ratio Lower Upper  
75 100  
53 107.6 74.5 111.7  
89 44.5 37.9 56.9

Manual Integrations  
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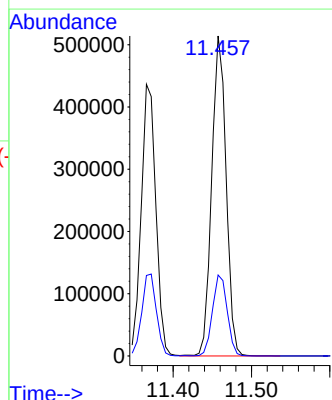
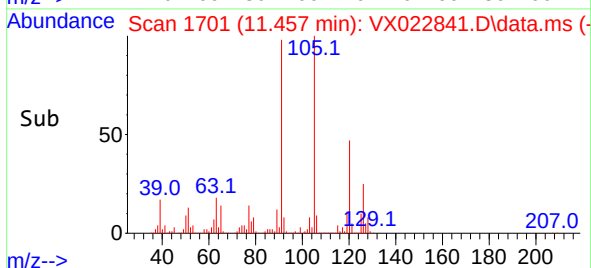
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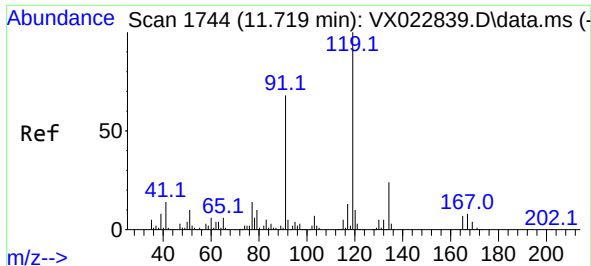


#82  
4-Chlorotoluene  
Concen: 163.55 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



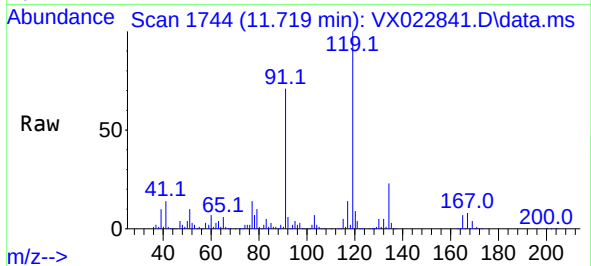
Tgt Ion: 91 Resp: 654153  
Ion Ratio Lower Upper  
91 100  
126 26.0 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 158.53 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

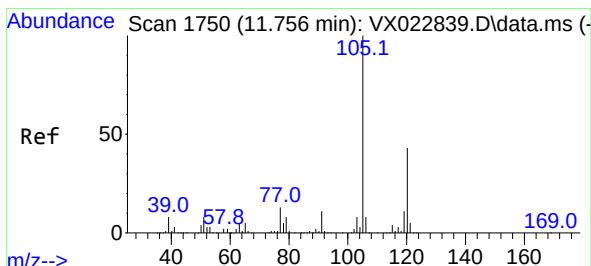
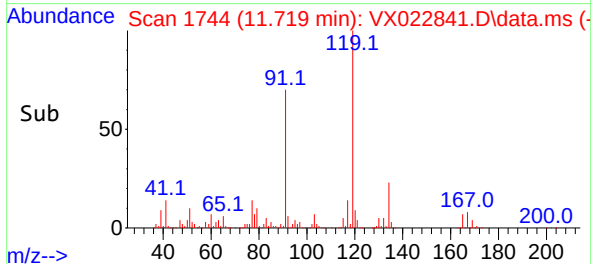
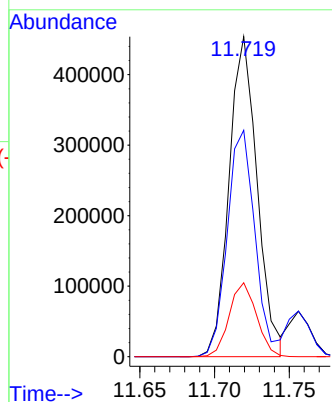
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



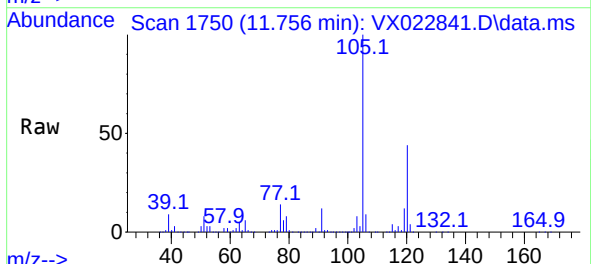
Tgt Ion:119 Resp: 593412  
Ion Ratio Lower Upper  
119 100  
91 68.7 27.9 83.7  
134 22.5 11.3 33.9

Manual Integrations  
APPROVED

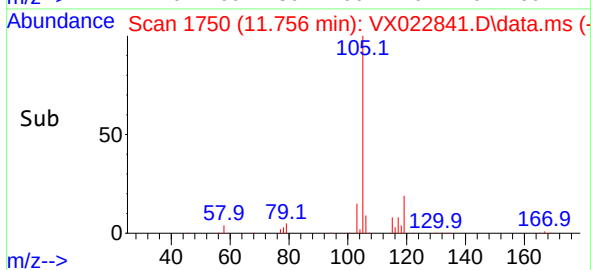
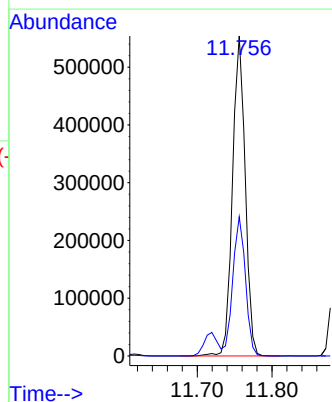
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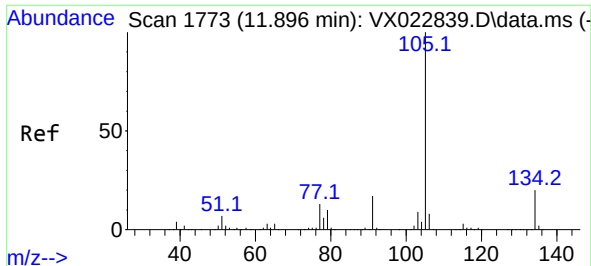


#84  
1,2,4-Trimethylbenzene  
Concen: 161.72 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion:105 Resp: 655525  
Ion Ratio Lower Upper  
105 100  
120 43.3 22.4 67.3





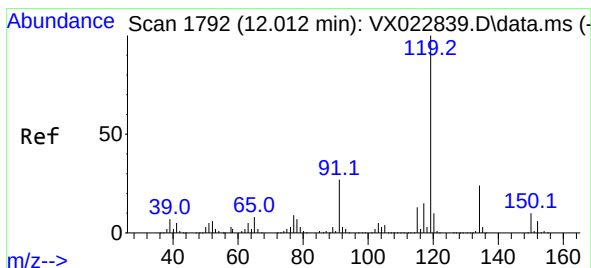
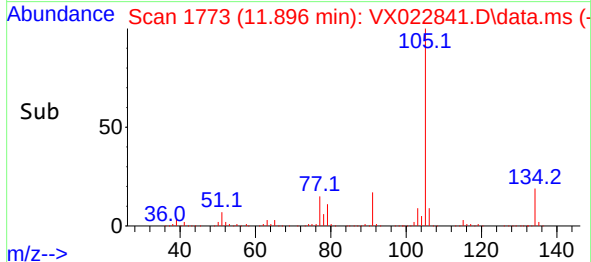
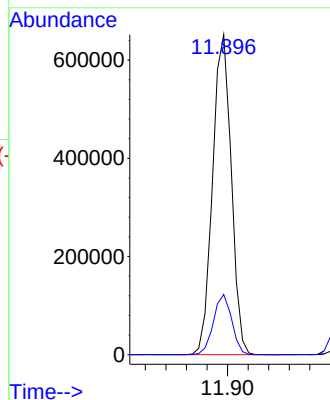
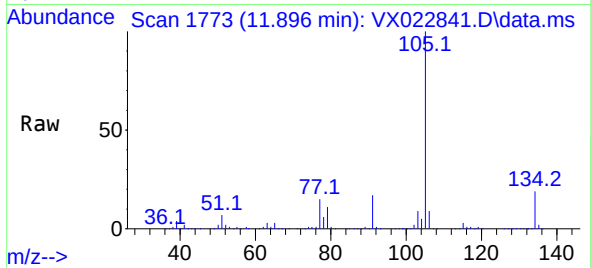
#85  
sec-Butylbenzene  
Concen: 166.50 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:105 Resp: 820611  
Ion Ratio Lower Upper  
105 100  
134 18.5 10.0 29.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

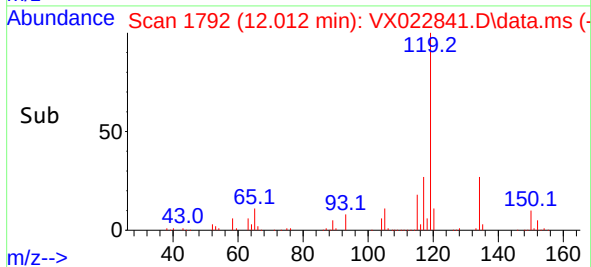
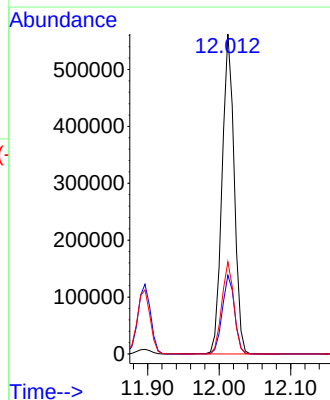
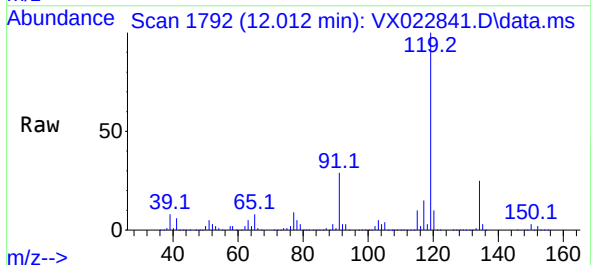
Manual Integrations  
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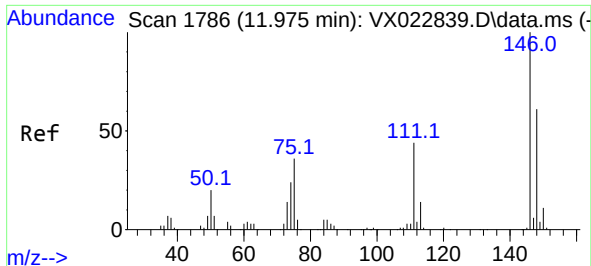
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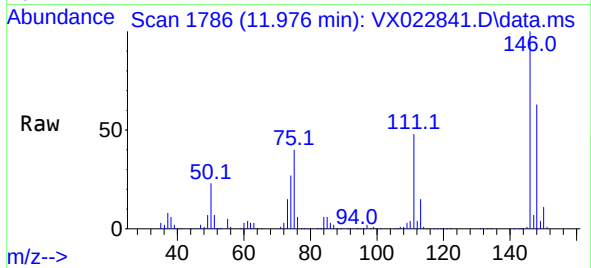
#86  
p-Isopropyltoluene  
Concen: 164.05 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:119 Resp: 662835  
Ion Ratio Lower Upper  
119 100  
134 24.8 12.9 38.7  
91 28.4 11.7 35.0

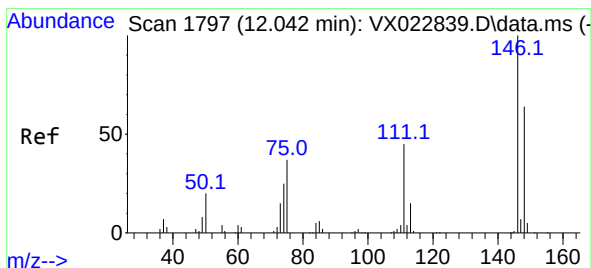
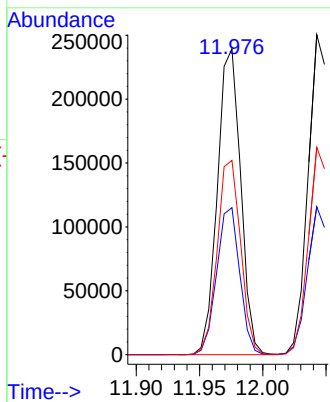
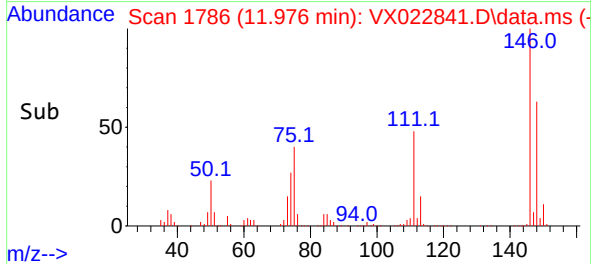




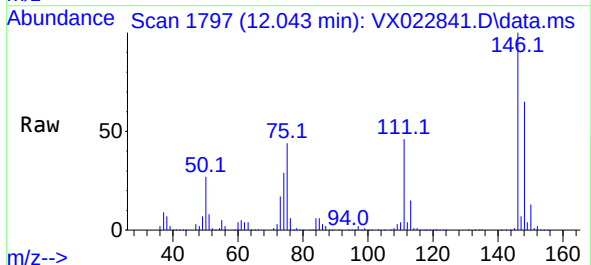
#87  
1,3-Dichlorobenzene  
Concen: 157.67 ug/l  
RT: 11.976 min Scan# 1786  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



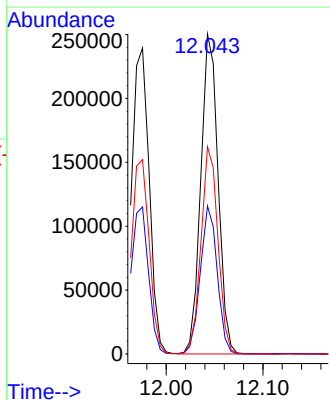
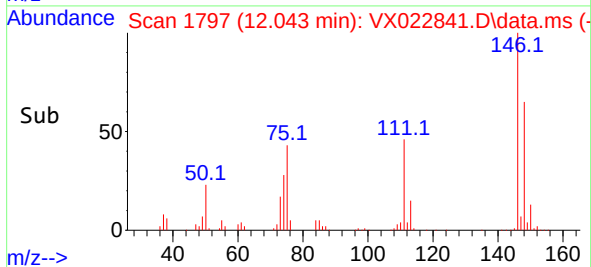
Tgt Ion:146 Resp: 306060  
Ion Ratio Lower Upper  
146 100  
111 47.9 20.2 60.5  
148 63.9 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 156.39 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



Tgt Ion:146 Resp: 311504  
Ion Ratio Lower Upper  
146 100  
111 45.4 19.6 58.8  
148 63.4 31.6 95.0

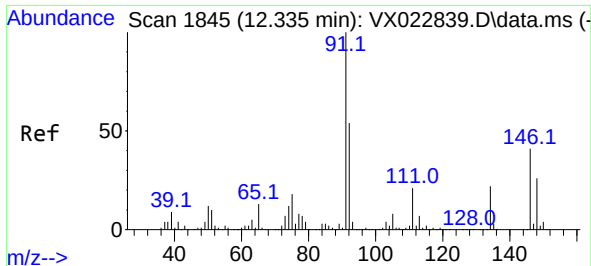


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#89  
n-Butylbenzene  
Concen: 168.70 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

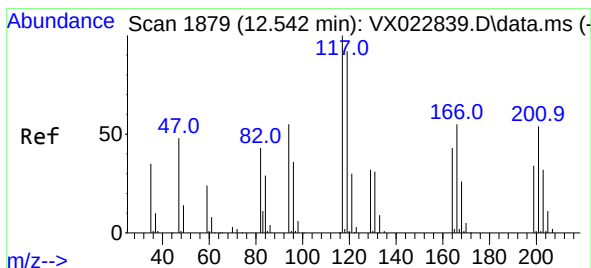
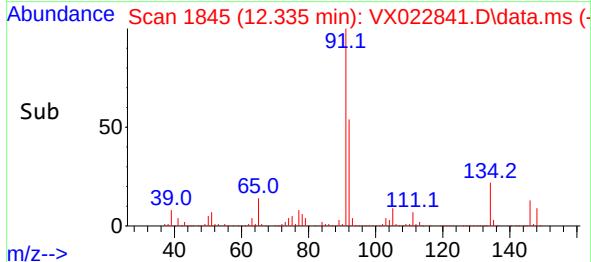
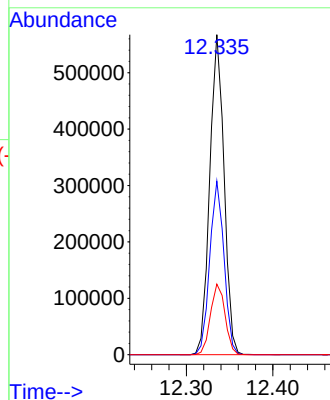
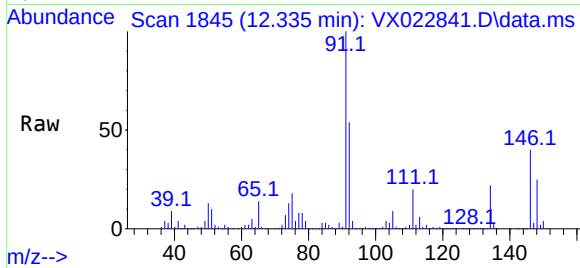
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 91 Resp: 651501

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.9  | 27.4  | 82.0  |
| 134 | 22.5  | 13.2  | 39.5  |

Manual Integrations  
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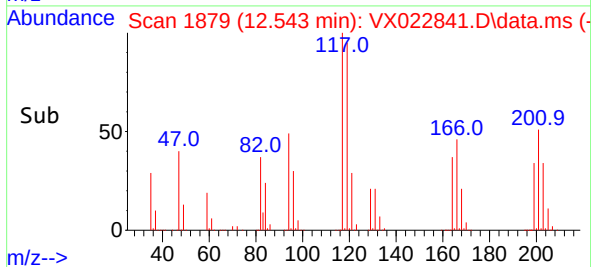
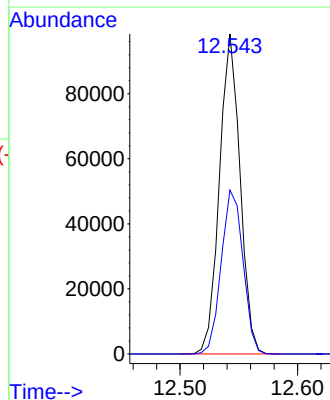
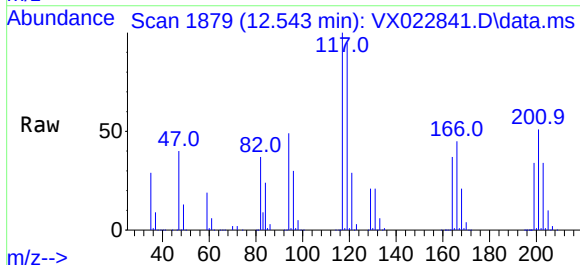
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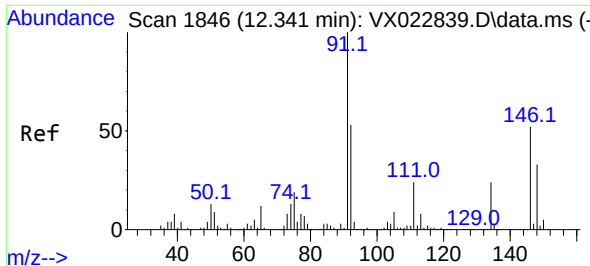


#90  
Hexachloroethane  
Concen: 208.75 ug/l  
RT: 12.543 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 117 Resp: 120026

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 54.0  | 40.4  | 121.2 |





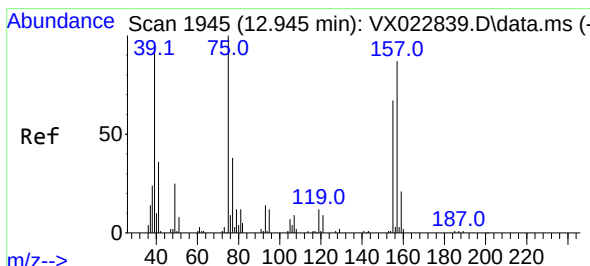
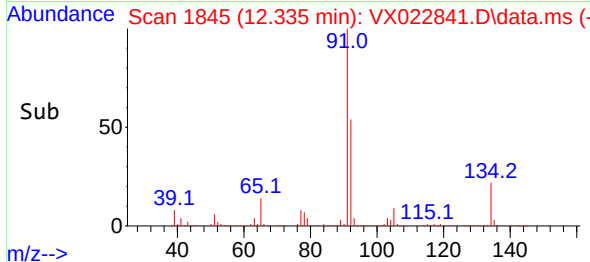
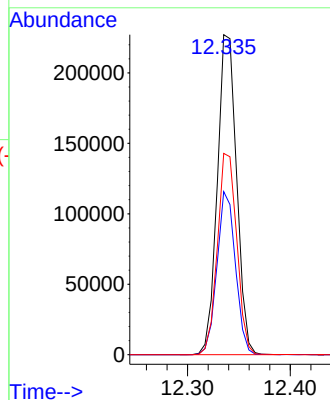
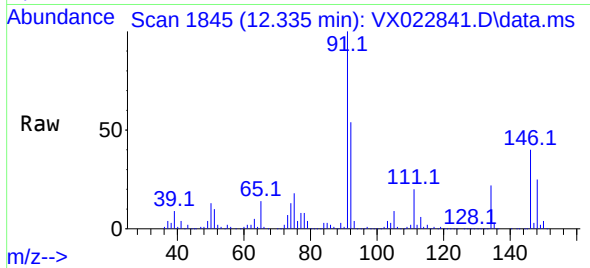
#91  
1,2-Dichlorobenzene  
Concen: 156.91 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:146 Resp: 295976  
Ion Ratio Lower Upper  
146 100  
111 48.8 20.8 62.2  
148 63.2 31.9 95.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

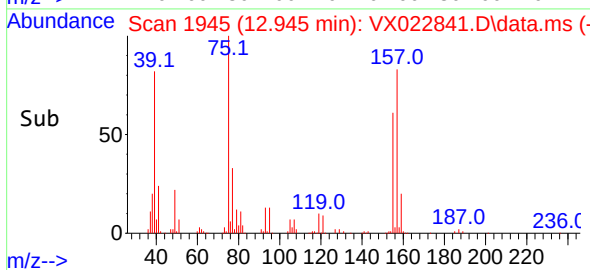
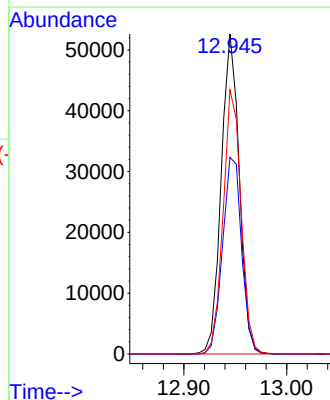
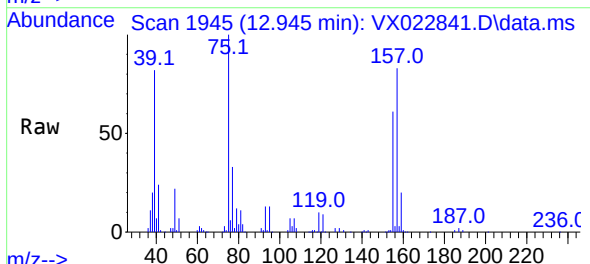
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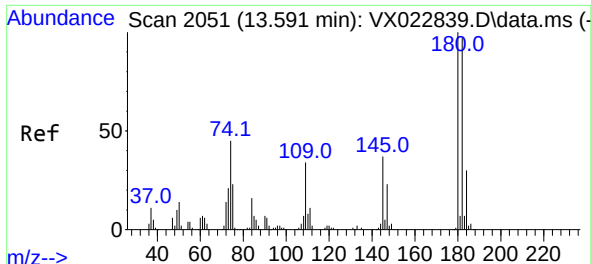
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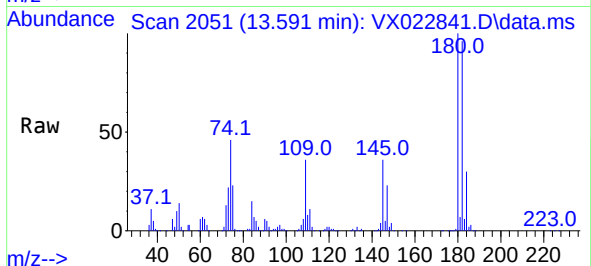
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 197.55 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion: 75 Resp: 64056  
Ion Ratio Lower Upper  
75 100  
155 64.7 45.3 135.9  
157 82.1 57.7 173.1

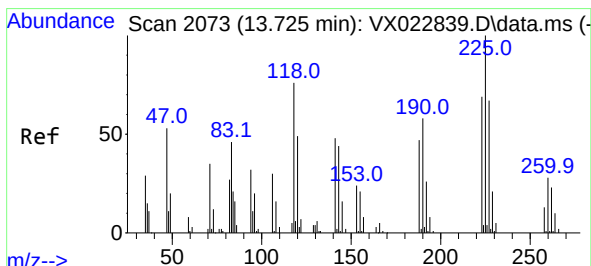
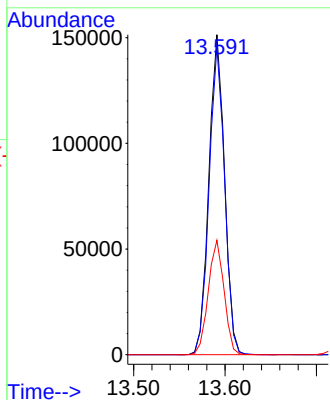
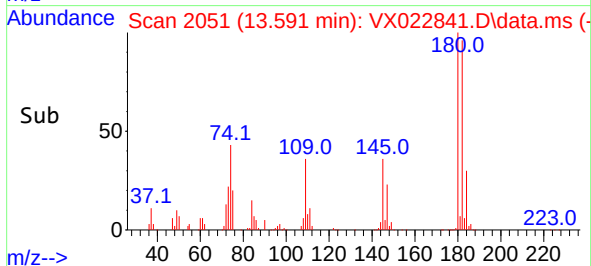




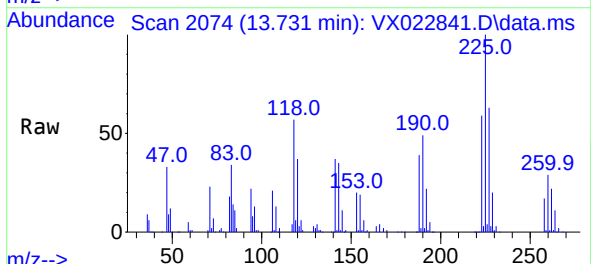
#93  
1,2,4-Trichlorobenzene  
Concen: 160.33 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



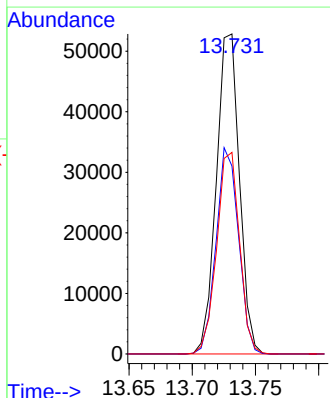
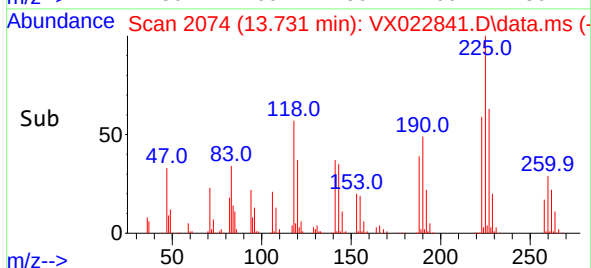
Tgt Ion:180 Resp: 179679  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.7 143.1  
145 36.1 15.0 45.0



#94  
Hexachlorobutadiene  
Concen: 166.13 ug/l  
RT: 13.731 min Scan# 2074  
Delta R.T. 0.006 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40



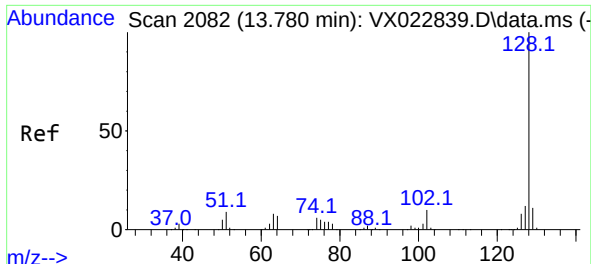
Tgt Ion:225 Resp: 67006  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.1 93.2  
227 62.4 31.6 95.0



Instrument :  
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#95  
Naphthalene  
Concen: 166.99 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

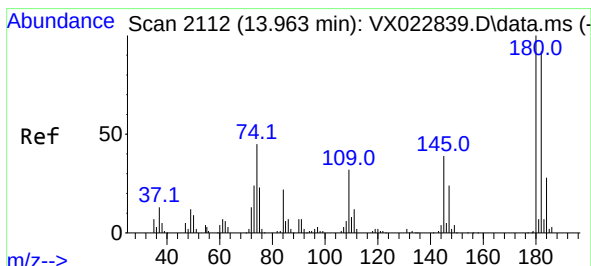
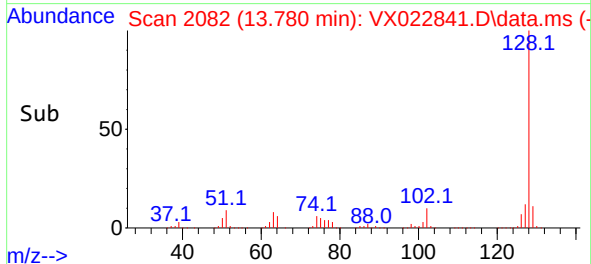
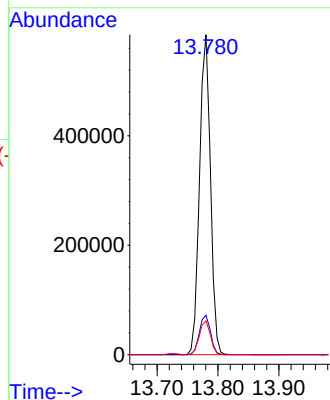
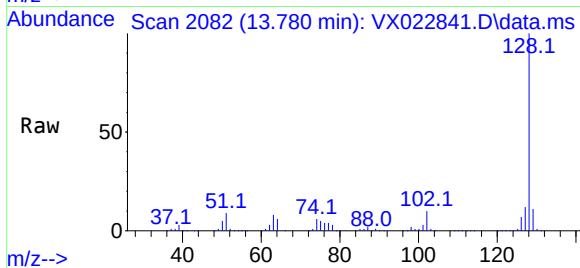
Tgt Ion:128 Resp: 724689  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.6  | 10.3  | 15.5  |
| 129 | 10.8  | 8.8   | 13.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 161.68 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX022841.D  
Acq: 23 Jun 2021 11:40

Tgt Ion:180 Resp: 177680  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 47.6  | 142.9 |
| 145 | 38.3  | 16.1  | 48.3  |

