

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031922\  
 Data File : VX027576.D  
 Acq On : 19 Mar 2022 21:28  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 21 01:28:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 308770   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 481997   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 438561   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 220646   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 193038   | 50.750   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 101.500% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 172401   | 55.594   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 111.180% |          |
| 50) Toluene-d8               | 8.653  | 98    | 627456   | 53.469   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 106.940% |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 225391   | 52.256   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 104.520% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 150554   | 50.798   | ug/l       | 99       |
| 3) Chloromethane             | 1.294  | 50    | 133180   | 50.620   | ug/l       | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 157313   | 51.749   | ug/l       | 100      |
| 5) Bromomethane              | 1.599  | 94    | 66482    | 41.861   | ug/l       | 97       |
| 6) Chloroethane              | 1.679  | 64    | 98284    | 52.687   | ug/l       | 95       |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 228877   | 45.610   | ug/l       | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 91616    | 49.013   | ug/l       | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 148168   | 49.583   | ug/l       | 93       |
| 10) Methyl Iodide            | 2.447  | 142   | 193410   | 48.895   | ug/l       | 98       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 169241   | 233.462  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 2.313  | 96    | 148708   | 51.866   | ug/l       | 92       |
| 13) Acrolein                 | 2.239  | 56    | 138883   | 246.886  | ug/l       | 98       |
| 14) Allyl chloride           | 2.666  | 41    | 211754   | 47.197   | ug/l       | 95       |
| 15) Acrylonitrile            | 3.069  | 53    | 443386   | 269.033  | ug/l       | 99       |
| 16) Acetone                  | 2.386  | 43    | 339384   | 218.897  | ug/l       | 97       |
| 17) Carbon Disulfide         | 2.508  | 76    | 355256   | 48.695   | ug/l       | 100      |
| 18) Methyl Acetate           | 2.703  | 43    | 191126   | 51.436   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 476371   | 49.245   | ug/l       | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 166671   | 49.999   | ug/l       | 97       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 158706   | 51.892   | ug/l       | 94       |
| 22) Diisopropyl ether        | 3.764  | 45    | 447324   | 51.054   | ug/l       | 91       |
| 23) Vinyl Acetate            | 3.727  | 43    | 1908761  | 250.506  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 272428   | 51.122   | ug/l       | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 592057   | 253.812  | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 163560   | 37.586   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 191004   | 53.853   | ug/l       | 91       |
| 28) Bromochloromethane       | 4.904  | 49    | 116677   | 54.277   | ug/l       | 87       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 402038   | 268.668  | ug/l       | 95       |
| 30) Chloroform               | 5.099  | 83    | 301145   | 51.230   | ug/l       | 100      |
| 31) Cyclohexane              | 5.471  | 56    | 246980   | 52.290   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 264333   | 49.389   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 219974   | 51.907   | ug/l       | 98       |
| 37) Ethyl Acetate            | 4.721  | 43    | 223951   | 53.034   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 243014   | 50.124   | ug/l       | 97       |
| 39) Methylcyclohexane        | 7.385  | 83    | 268875   | 50.454   | ug/l       | 99       |
| 40) Benzene                  | 6.044  | 78    | 660945   | 54.363   | ug/l       | 99       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 21 01:28:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 122882   | 53.358   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 235724   | 51.733   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 352755   | 51.905   | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 193433   | 52.410   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 164782   | 53.211   | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 123336   | 52.137   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 229545   | 51.533   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 176166   | 52.378   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 92171    | 1066.969 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1176225  | 271.124  | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 425985   | 52.285   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 230950   | 50.518   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 256082   | 51.469   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 178534   | 53.820   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 264640   | 53.320   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 287093   | 53.309   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 667275   | 265.650  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 910204   | 272.408  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.525  | 129  | 191241   | 52.370   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 189612   | 52.006   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 177824   | 52.149   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 468006   | 51.876   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 177106   | 52.617   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 807739   | 52.308   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 646756   | 106.372  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 320532   | 54.295   | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 528492   | 54.801   | ug/l   | 100      |
| 71) Bromoform                 | 10.805 | 173  | 139343   | 51.818   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 818170   | 50.909   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 289331   | 50.772   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 267549   | 52.555   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 292812   | 63.446   | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 208996   | 51.592   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 905859   | 51.346   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 560765   | 50.670   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 697883   | 51.594   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 68871    | 45.321   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 636913   | 50.546   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 692553   | 51.684   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 699144   | 51.828   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 845533   | 52.216   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 724131   | 52.064   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 388000   | 51.695   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 388123   | 51.106   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 581084   | 50.063   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 110799   | 49.953   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 382412   | 52.181   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 60062    | 51.441   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 238556   | 50.786   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 101798   | 49.060   | ug/l   | 95       |
| 95) Naphthalene               | 13.780 | 128  | 834928   | 54.601   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 242907   | 51.121   | ug/l   | 96       |

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Data File : VX027576.D  
Acq On : 19 Mar 2022 21:28  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

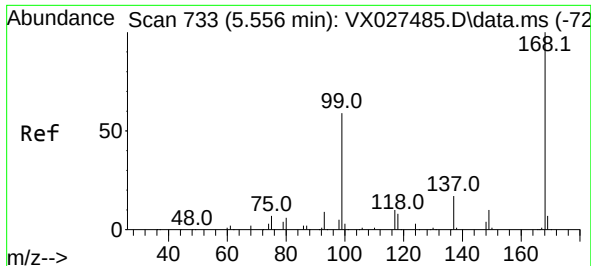
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Mar 21 01:28:14 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration

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

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

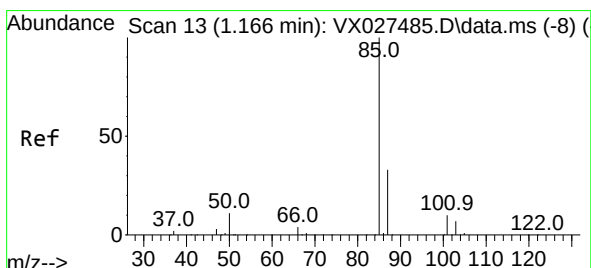
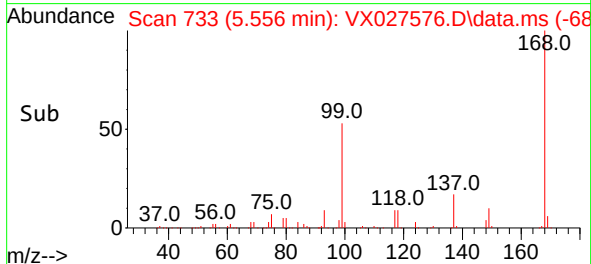
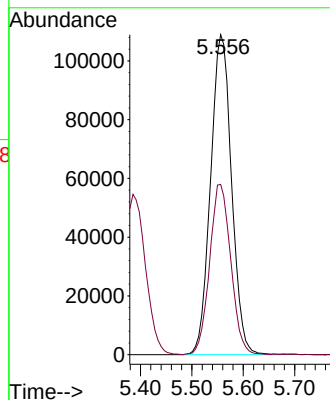
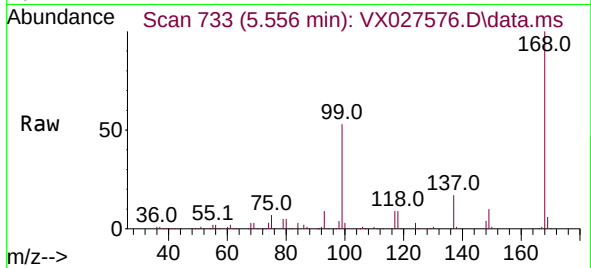




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

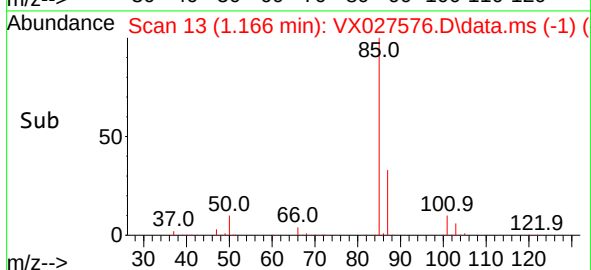
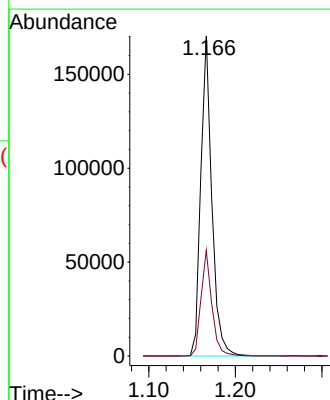
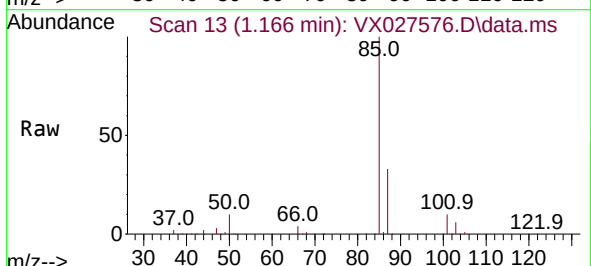
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

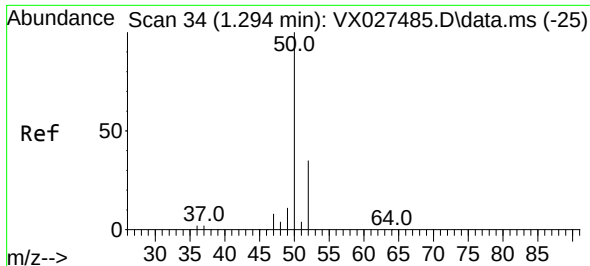
Tgt Ion:168 Resp: 308770  
Ion Ratio Lower Upper  
168 100  
99 53.1 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 50.798 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 85 Resp: 150554  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.2 48.6

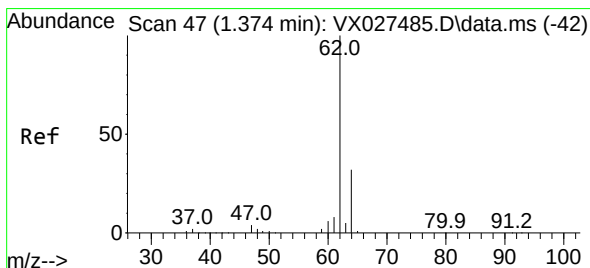
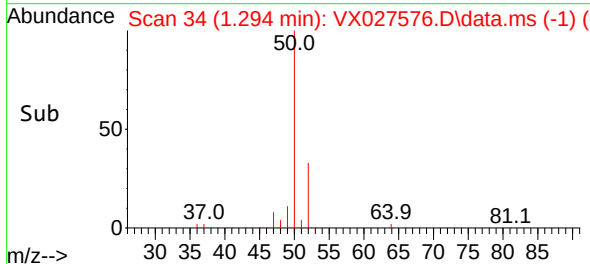
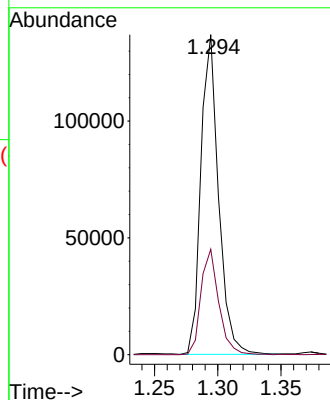
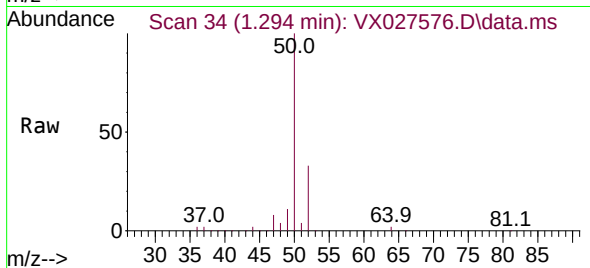




#3  
Chloromethane  
Concen: 50.620 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

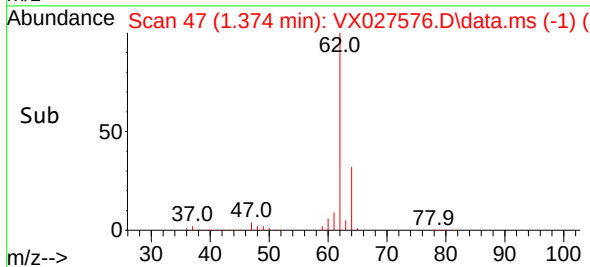
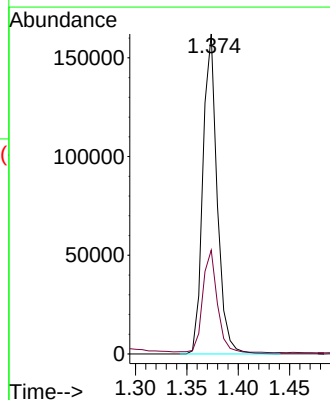
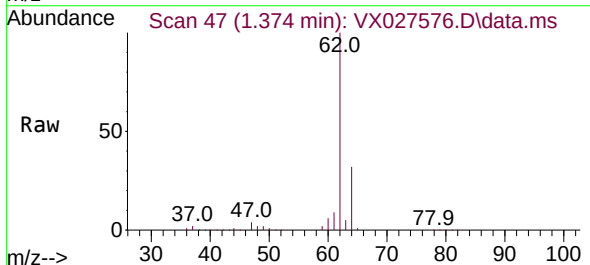
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

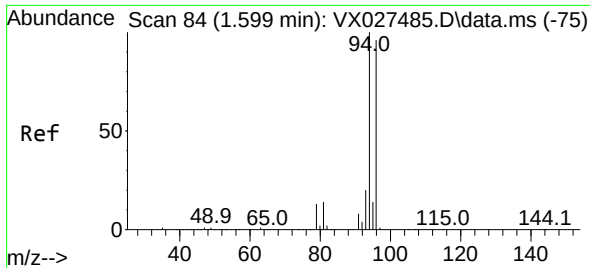
Tgt Ion: 50 Resp: 133180  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.4 39.6



#4  
Vinyl Chloride  
Concen: 51.749 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 62 Resp: 157313  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.5 38.3

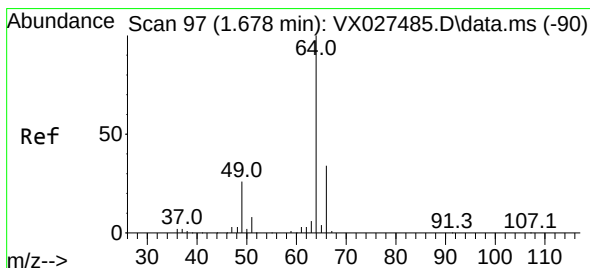
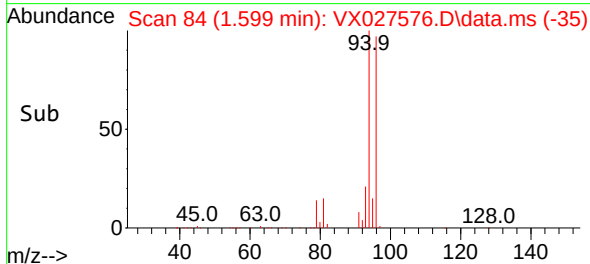
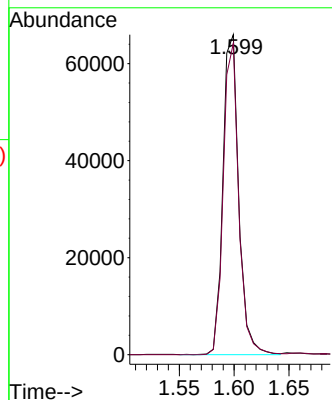
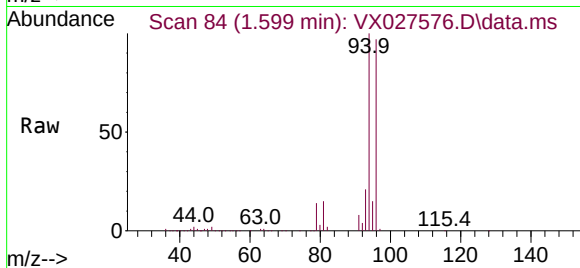




#5  
Bromomethane  
Concen: 41.861 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

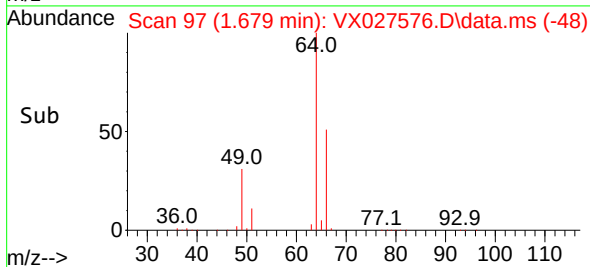
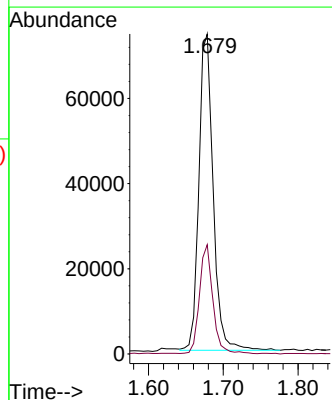
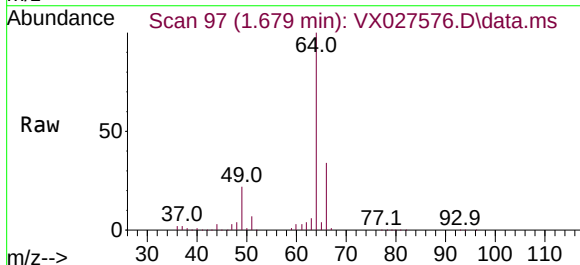
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

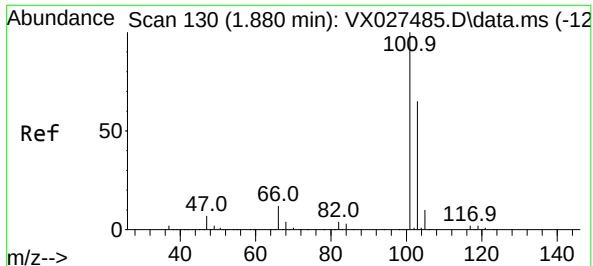
Tgt Ion: 94 Resp: 66482  
Ion Ratio Lower Upper  
94 100  
96 97.3 75.3 112.9



#6  
Chloroethane  
Concen: 52.687 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 64 Resp: 98284  
Ion Ratio Lower Upper  
64 100  
66 34.6 25.3 37.9

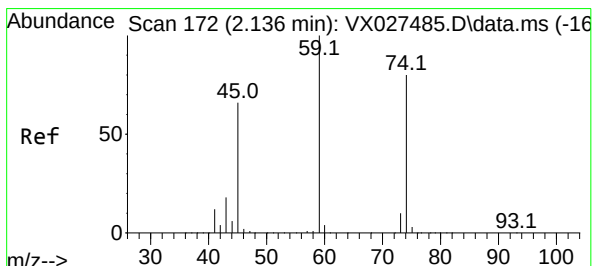
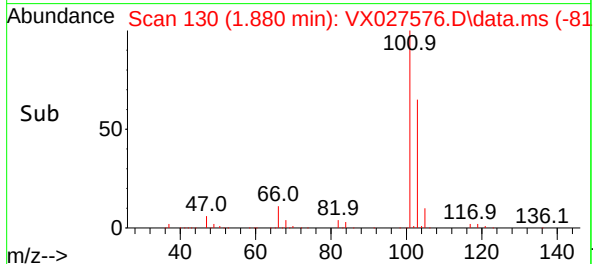
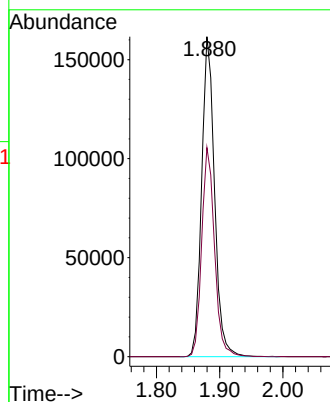
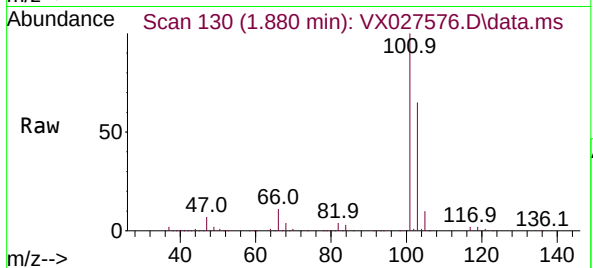




#7  
 Trichlorofluoromethane  
 Concen: 45.610 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

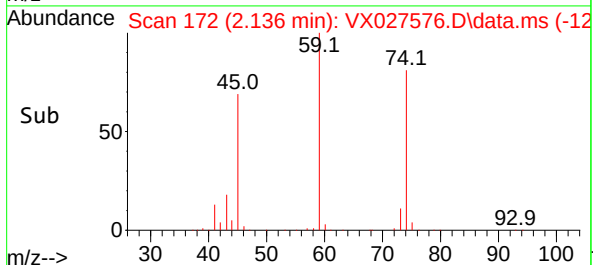
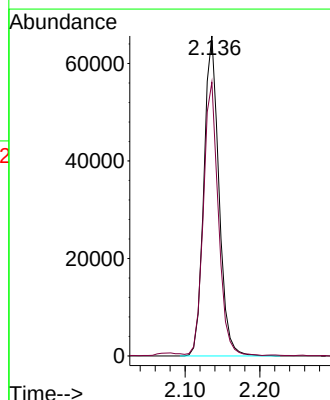
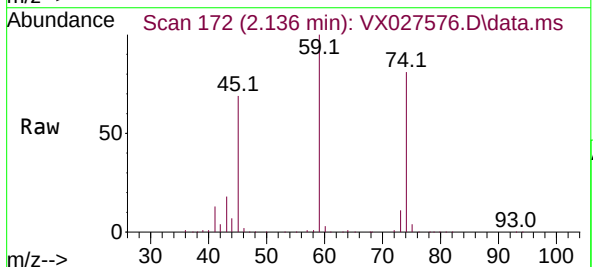
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 228877  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 50.5 75.7

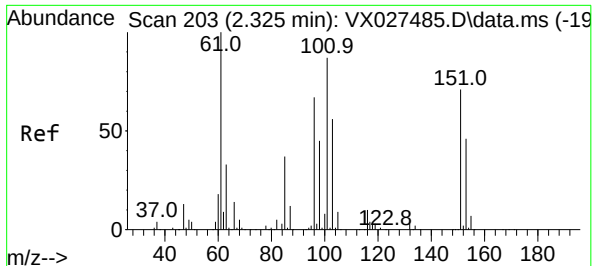


#8  
 Diethyl Ether  
 Concen: 49.013 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

Tgt Ion: 74 Resp: 91616  
 Ion Ratio Lower Upper  
 74 100  
 45 84.9 42.0 126.0



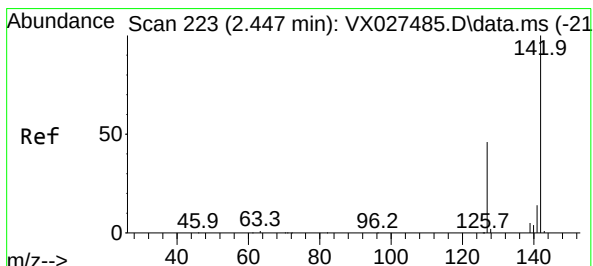
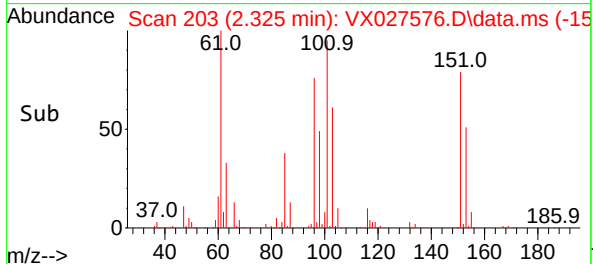
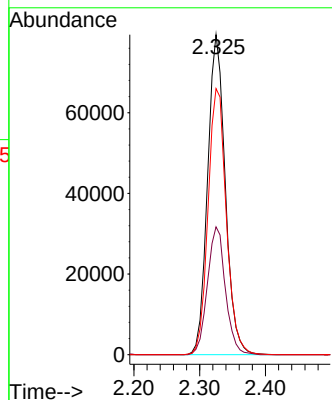
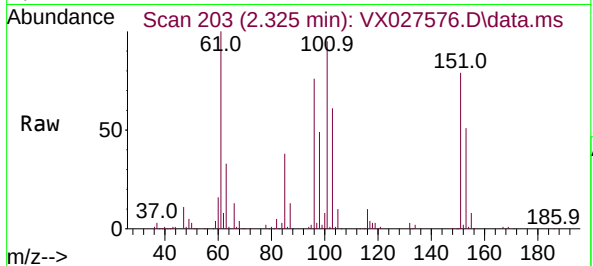




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.583 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

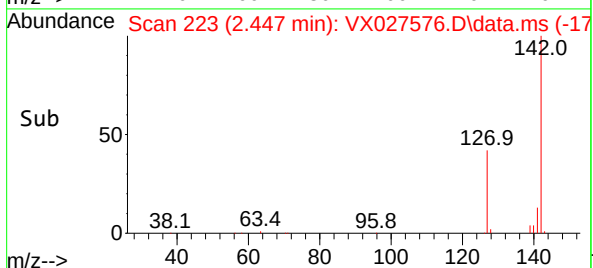
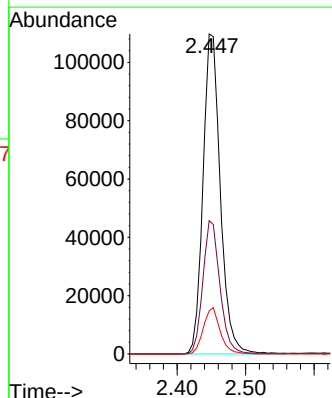
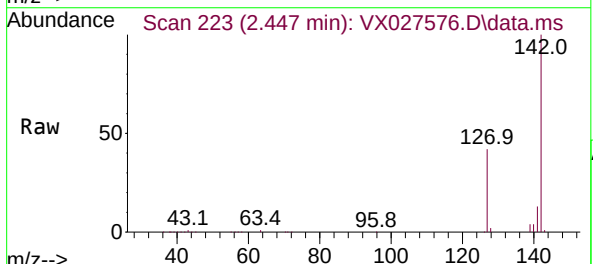
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

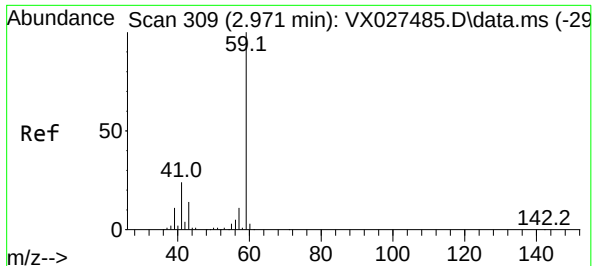
Tgt Ion:101 Resp: 148168  
Ion Ratio Lower Upper  
101 100  
85 40.7 33.5 50.3  
151 86.1 61.8 92.6



#10  
Methyl Iodide  
Concen: 48.895 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion:142 Resp: 193410  
Ion Ratio Lower Upper  
142 100  
127 41.1 33.9 50.9  
141 14.0 11.4 17.2

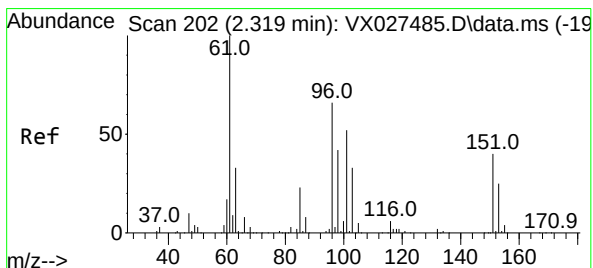
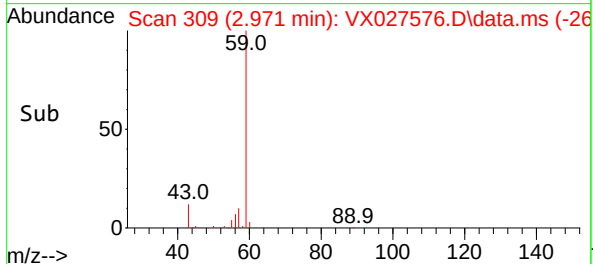
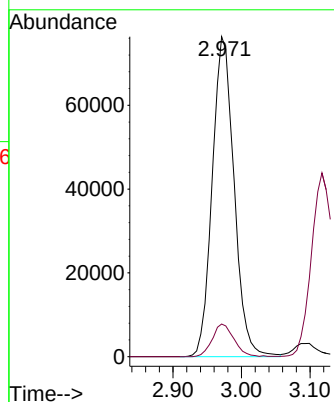
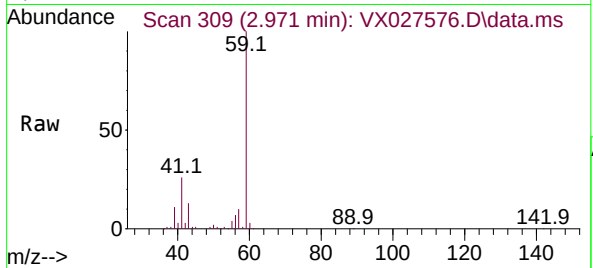




#11  
Tert butyl alcohol  
Concen: 233.462 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

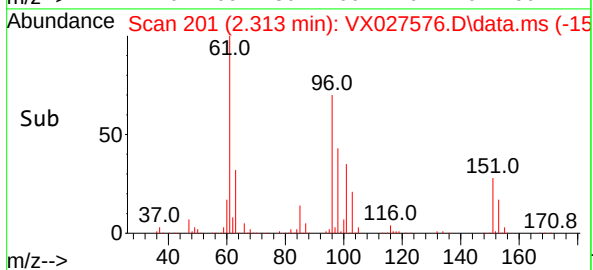
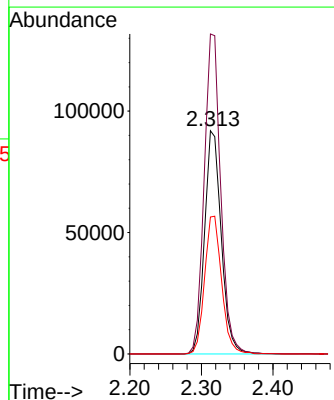
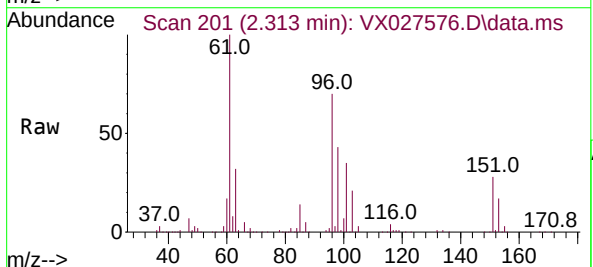
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

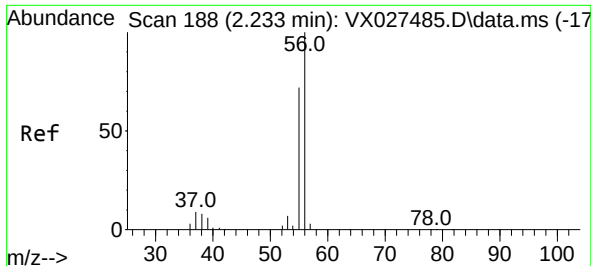
Tgt Ion: 59 Resp: 169241  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.866 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 96 Resp: 148708  
Ion Ratio Lower Upper  
96 100  
61 143.4 124.6 187.0  
98 61.4 51.0 76.4

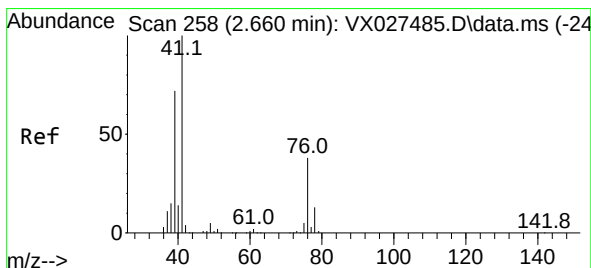
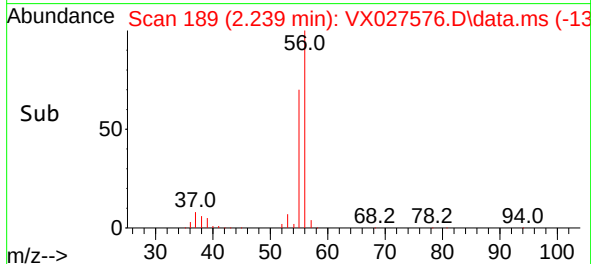
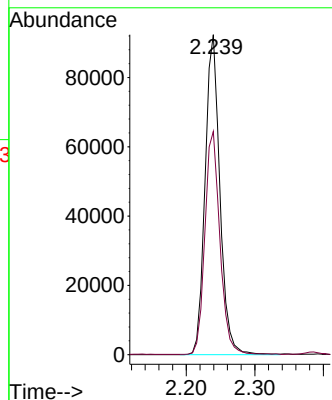
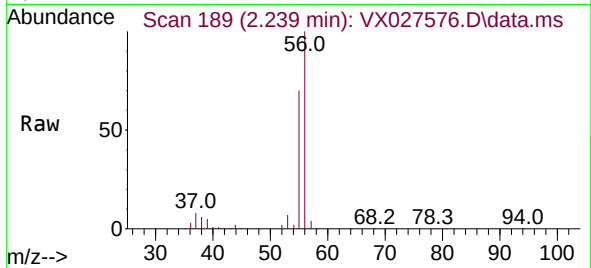




#13  
Acrolein  
Concen: 246.886 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

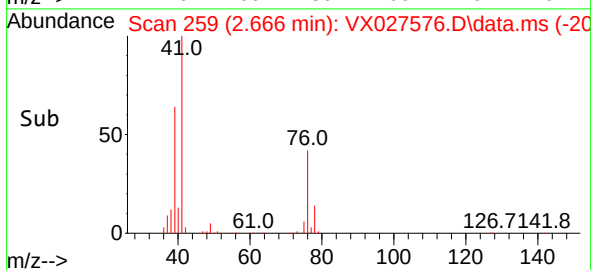
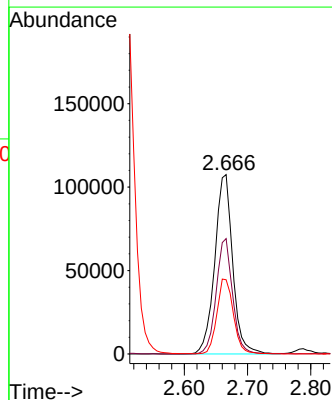
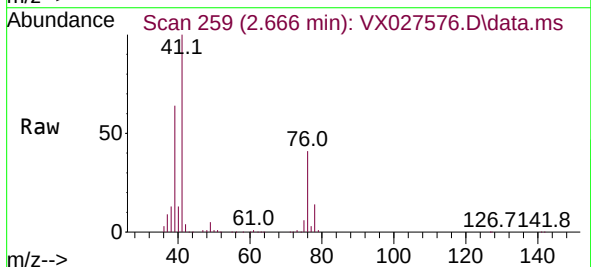
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

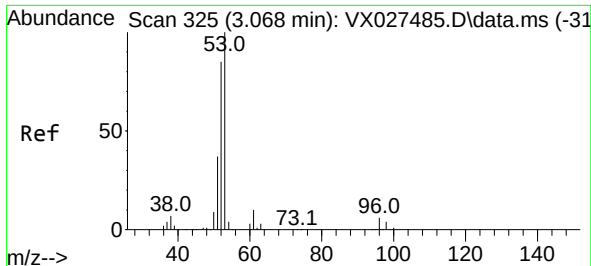
Tgt Ion: 56 Resp: 138883  
Ion Ratio Lower Upper  
56 100  
55 70.7 55.0 82.6



#14  
Allyl chloride  
Concen: 47.197 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 41 Resp: 211754  
Ion Ratio Lower Upper  
41 100  
39 58.8 50.4 75.6  
76 38.3 32.7 49.1

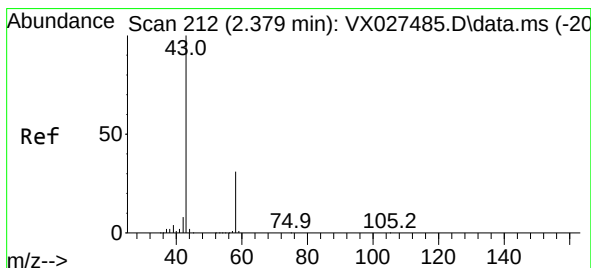
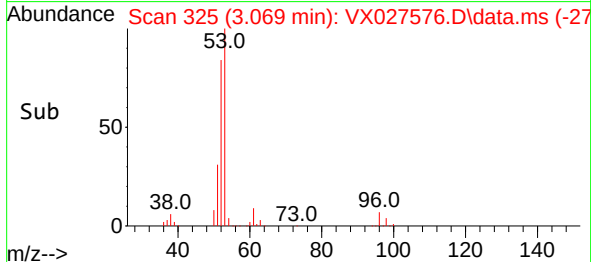
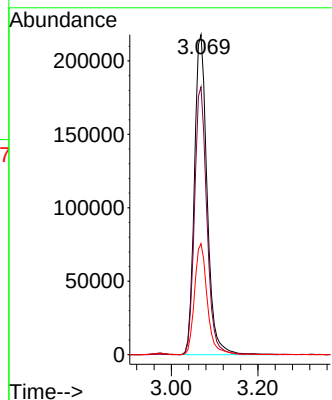
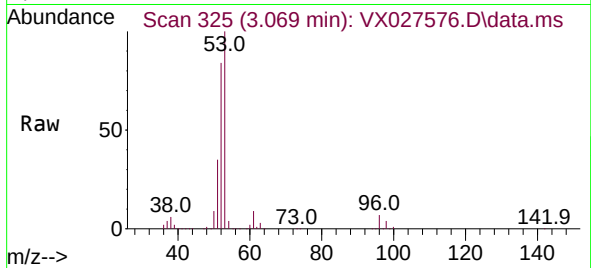




#15  
Acrylonitrile  
Concen: 269.033 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

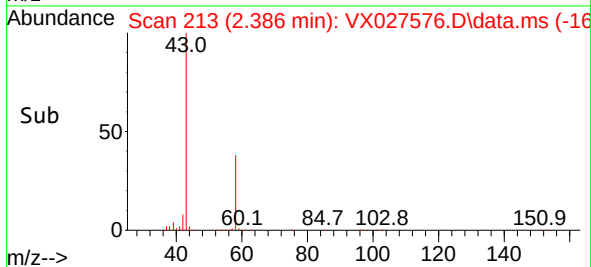
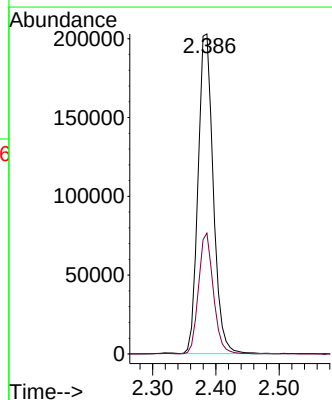
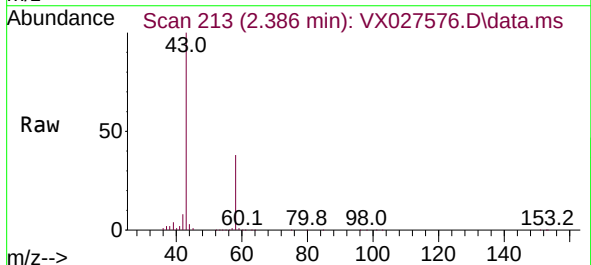
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

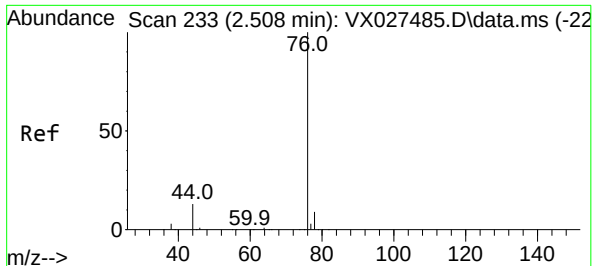
Tgt Ion: 53 Resp: 443386  
Ion Ratio Lower Upper  
53 100  
52 81.5 65.7 98.5  
51 34.9 28.4 42.6



#16  
Acetone  
Concen: 218.897 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 43 Resp: 339384  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.8 43.2

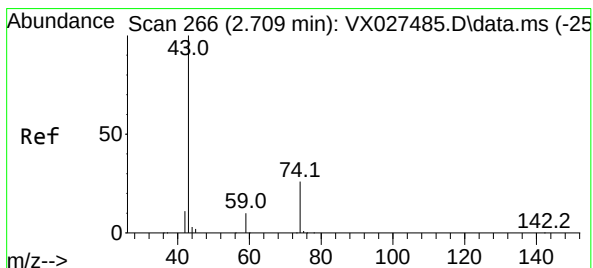
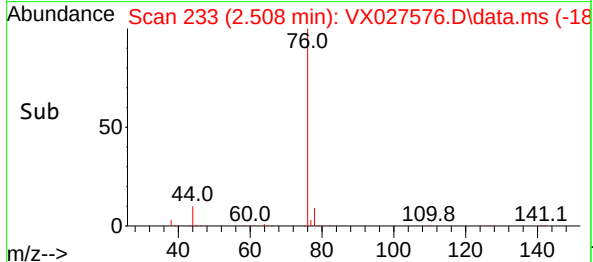
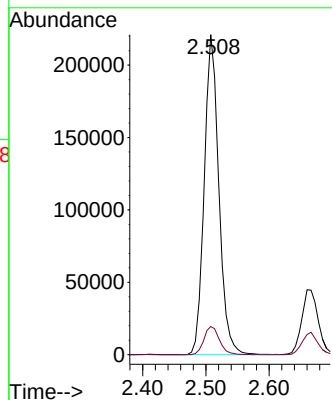
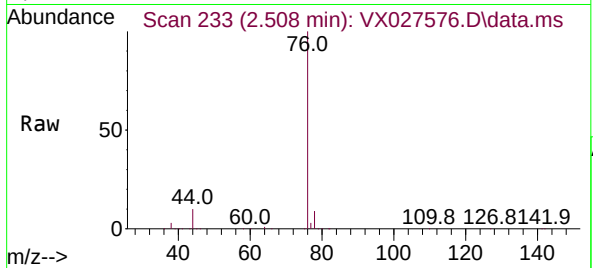




#17  
Carbon Disulfide  
Concen: 48.695 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

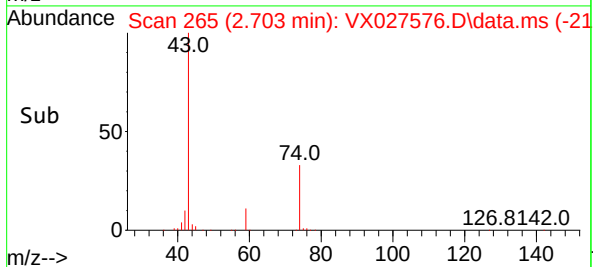
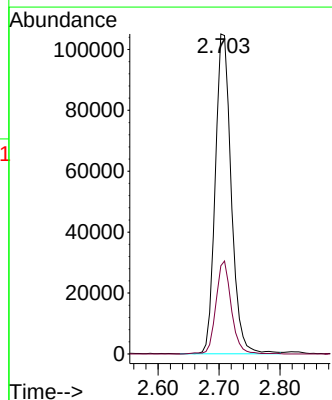
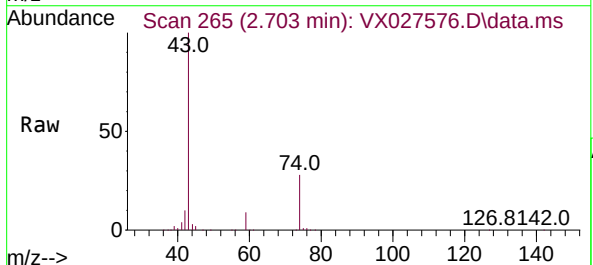
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

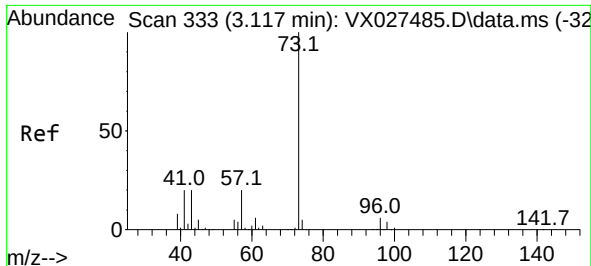
Tgt Ion: 76 Resp: 355256  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.436 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 43 Resp: 191126  
Ion Ratio Lower Upper  
43 100  
74 27.9 22.8 34.2

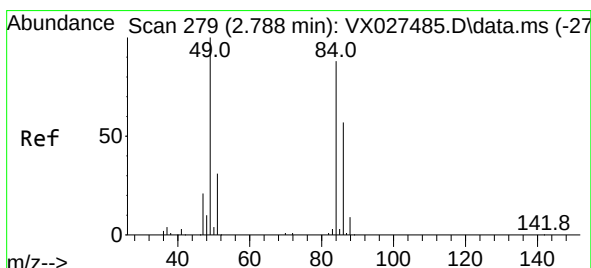
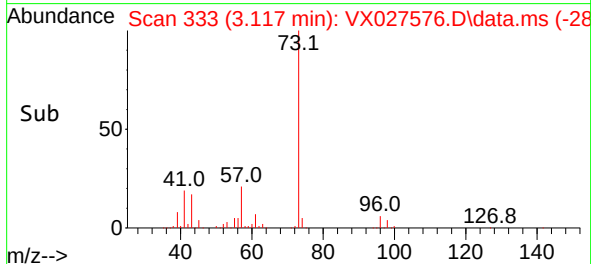
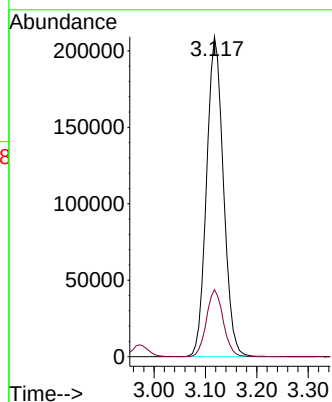
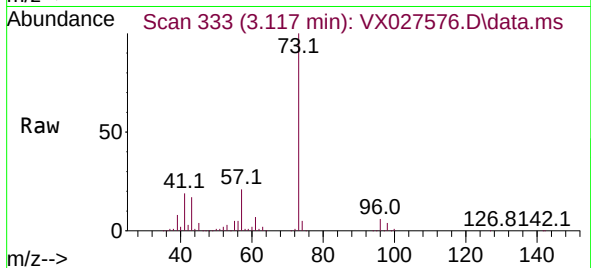




#19  
Methyl tert-butyl Ether  
Concen: 49.245 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

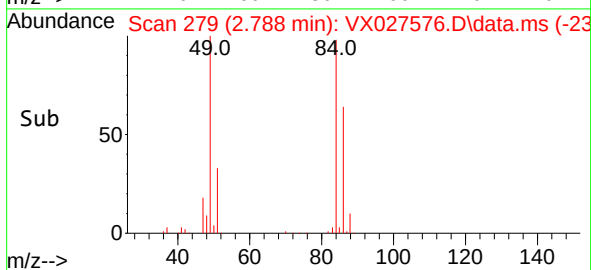
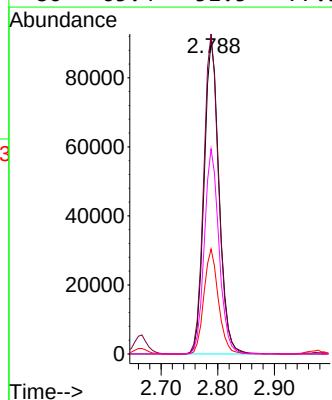
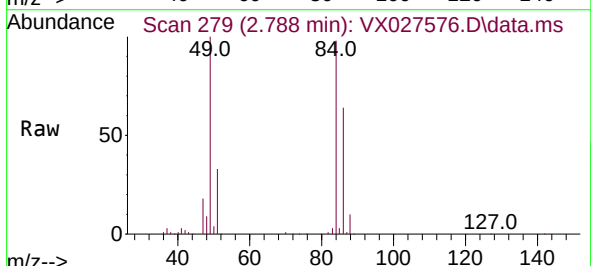
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

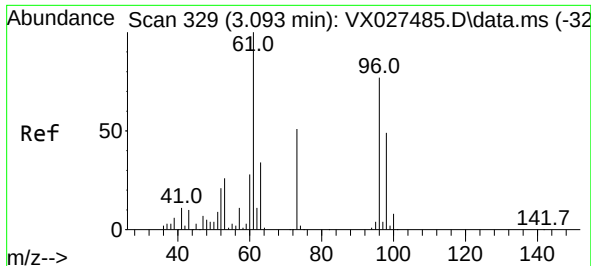
Tgt Ion: 73 Resp: 476371  
Ion Ratio Lower Upper  
73 100  
57 21.0 16.8 25.2



#20  
Methylene Chloride  
Concen: 49.999 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 84 Resp: 166671  
Ion Ratio Lower Upper  
84 100  
49 102.0 85.5 128.3  
51 33.4 26.6 39.8  
86 65.4 51.5 77.3

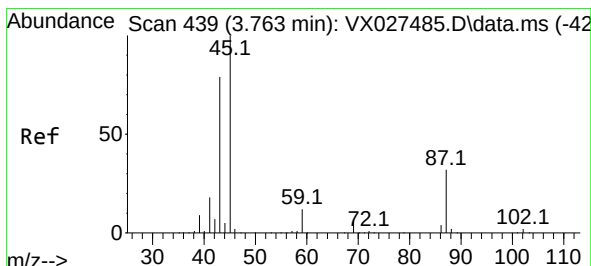
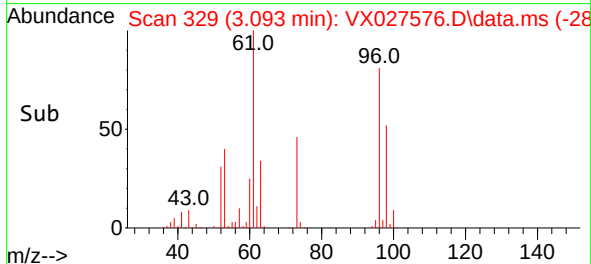
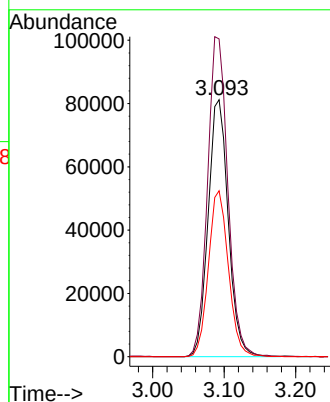
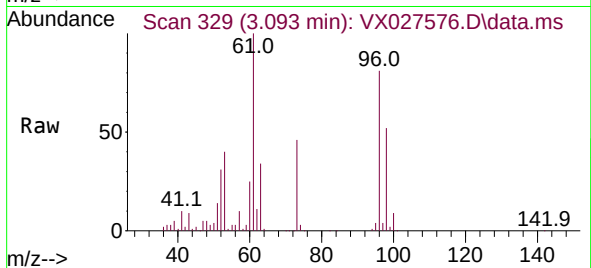




#21  
trans-1,2-Dichloroethene  
Concen: 51.892 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

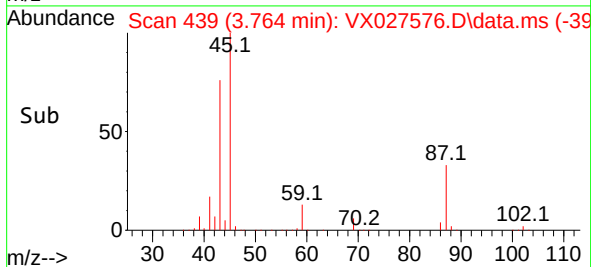
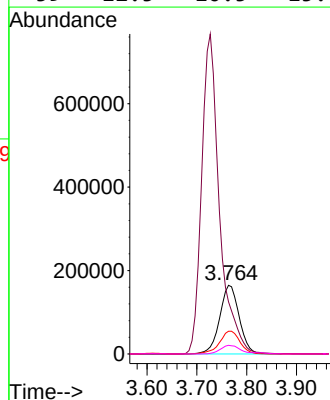
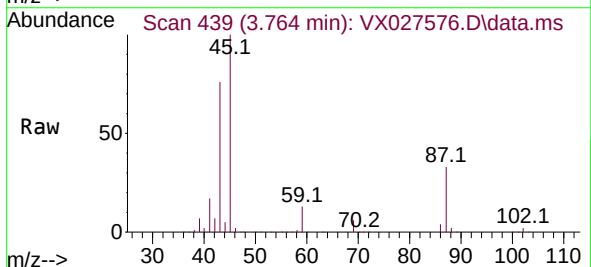
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

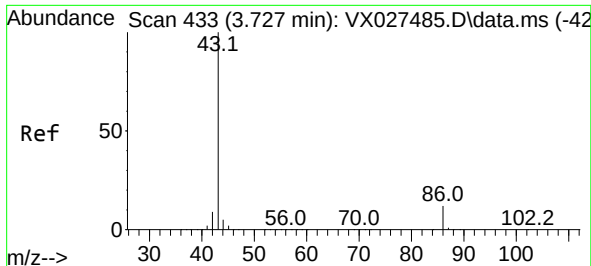
Tgt Ion: 96 Resp: 158706  
Ion Ratio Lower Upper  
96 100  
61 123.7 105.4 158.2  
98 64.6 50.0 75.0



#22  
Diisopropyl ether  
Concen: 51.054 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 45 Resp: 447324  
Ion Ratio Lower Upper  
45 100  
43 76.0 50.8 76.2  
87 33.1 26.6 39.8  
59 12.5 10.5 15.7

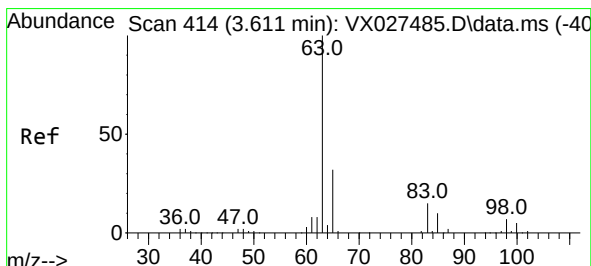
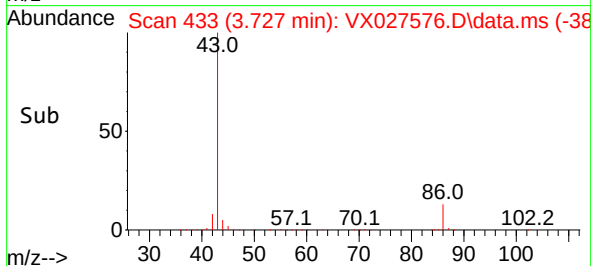
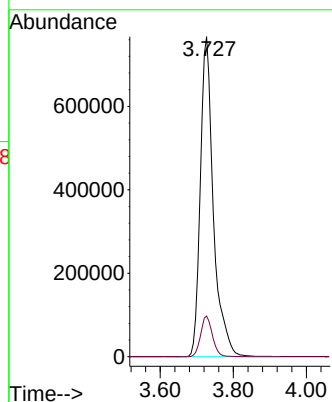
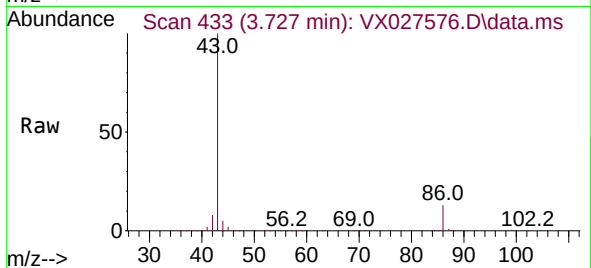




#23  
 Vinyl Acetate  
 Concen: 250.506 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

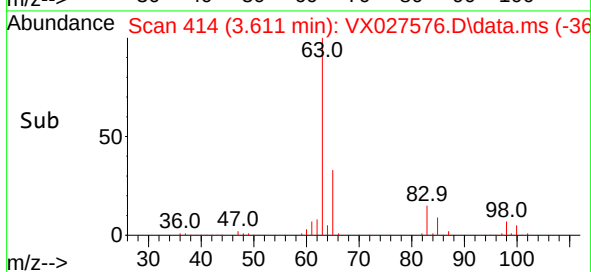
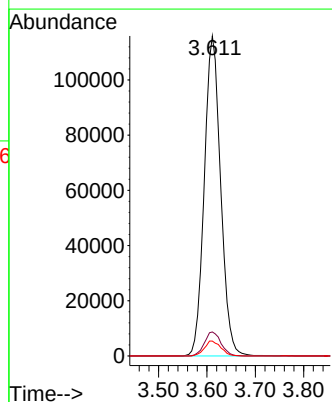
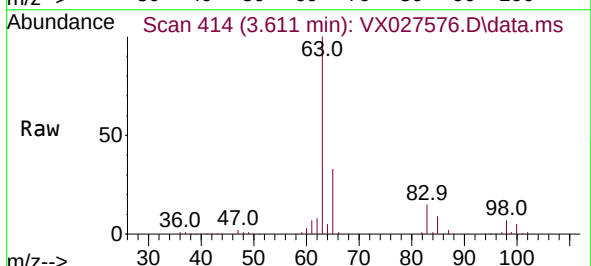
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1908761  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 10.8 16.2

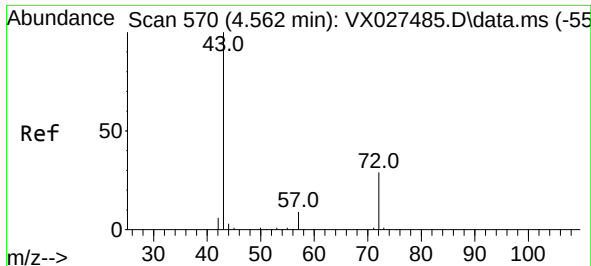


#24  
 1,1-Dichloroethane  
 Concen: 51.122 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

Tgt Ion: 63 Resp: 272428  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.9 11.7  
 100 4.7 2.4 7.2







#25

2-Butanone

Concen: 253.812 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

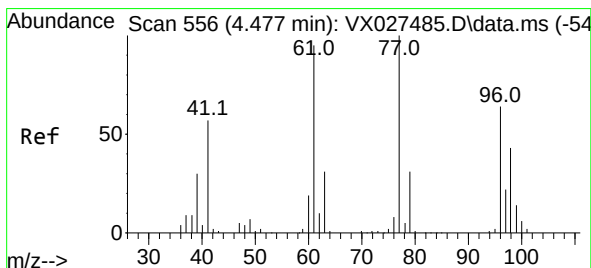
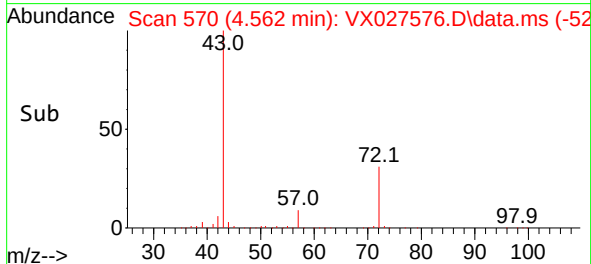
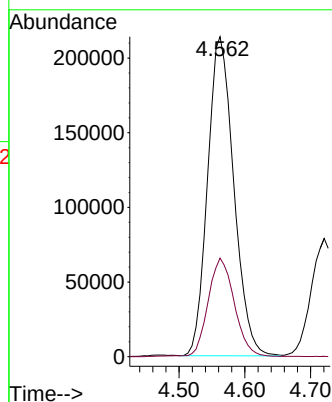
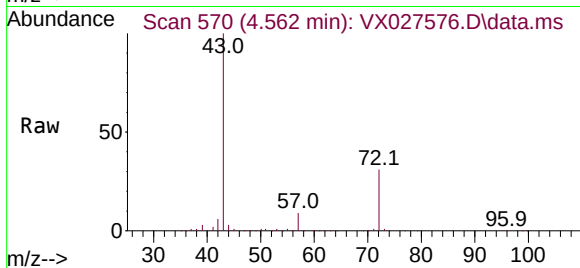
VSTDCCC050EC

Tgt Ion: 43 Resp: 592057

Ion Ratio Lower Upper

43 100

72 30.8 24.4 36.6



#26

2,2-Dichloropropane

Concen: 37.586 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX027576.D

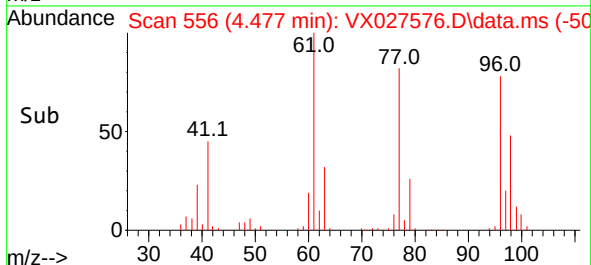
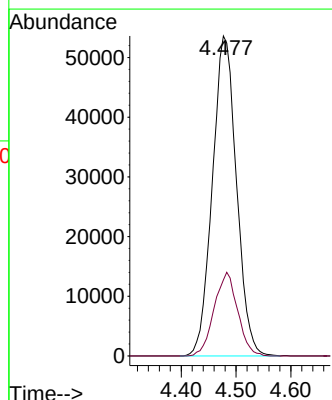
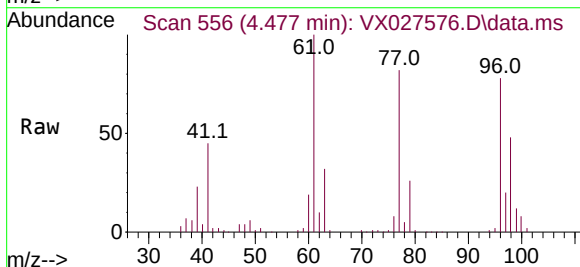
Acq: 19 Mar 2022 21:28

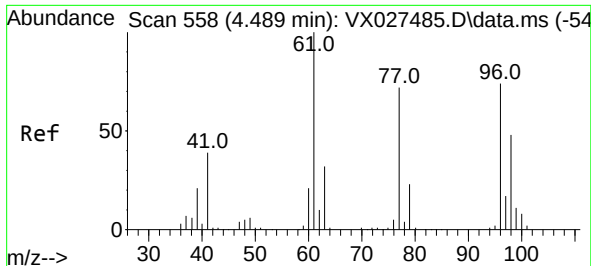
Tgt Ion: 77 Resp: 163560

Ion Ratio Lower Upper

77 100

97 25.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.853 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

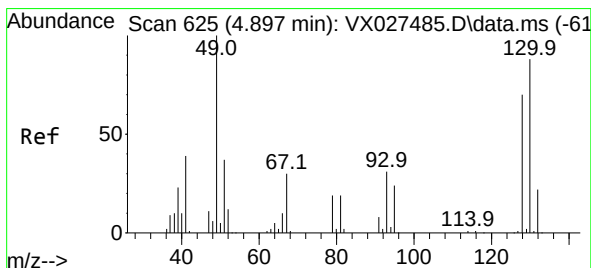
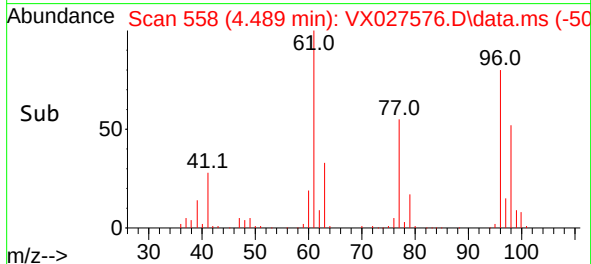
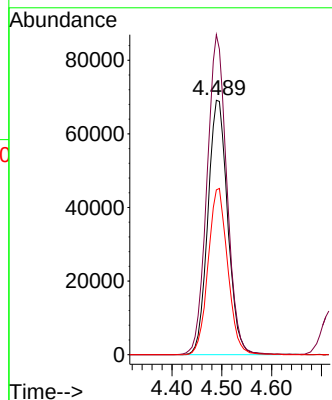
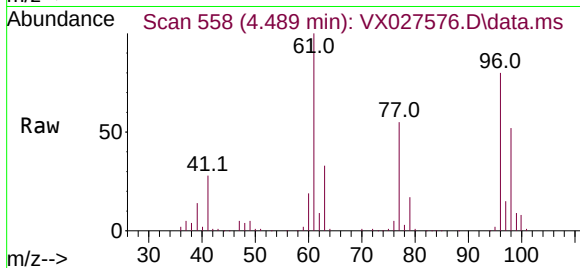
Tgt Ion: 96 Resp: 191004

Ion Ratio Lower Upper

96 100

61 126.0 0.0 283.8

98 64.6 0.0 129.8



#28

Bromochloromethane

Concen: 54.277 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

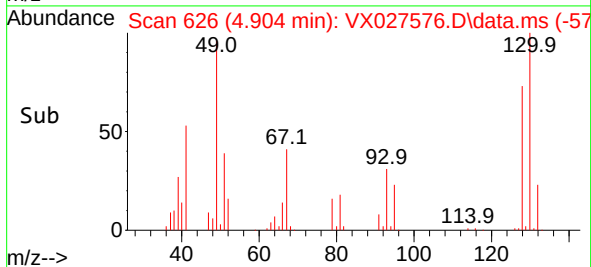
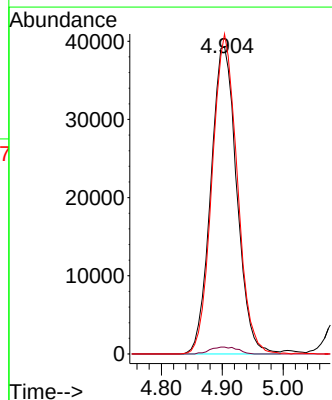
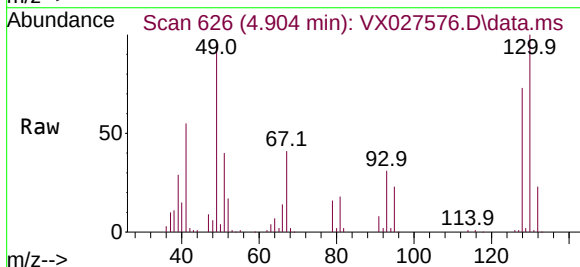
Tgt Ion: 49 Resp: 116677

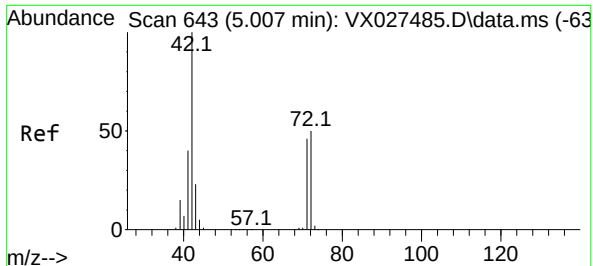
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 100.5 70.7 106.1





#29

Tetrahydrofuran

Concen: 268.668 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

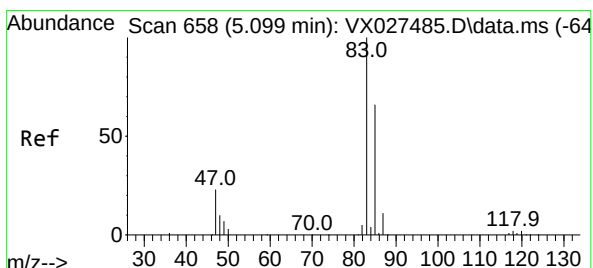
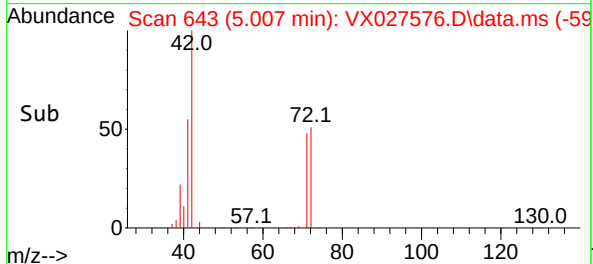
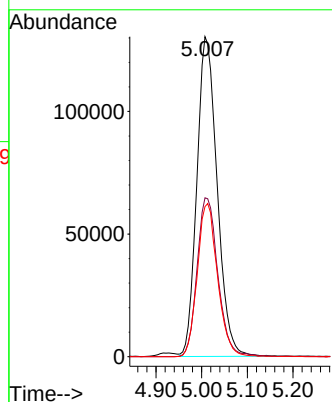
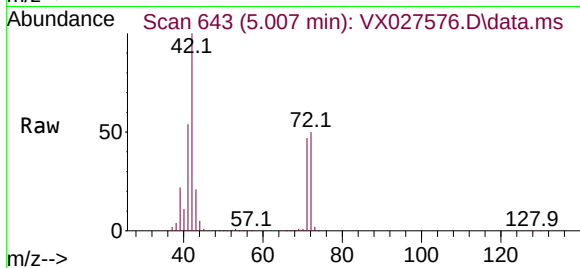
Tgt Ion: 42 Resp: 402038

Ion Ratio Lower Upper

42 100

72 51.1 44.1 66.1

71 47.8 40.5 60.7



#30

Chloroform

Concen: 51.230 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX027576.D

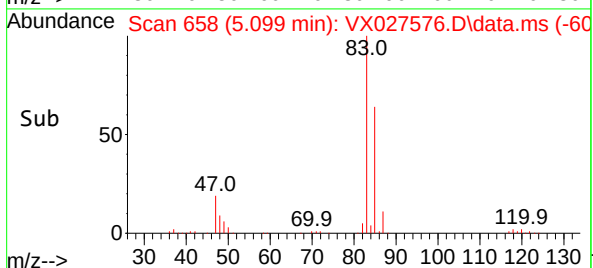
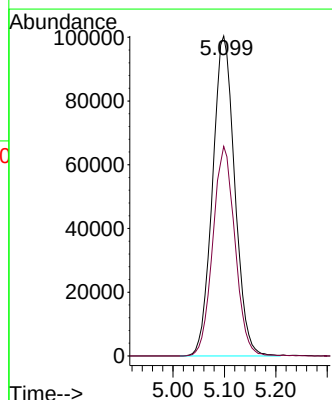
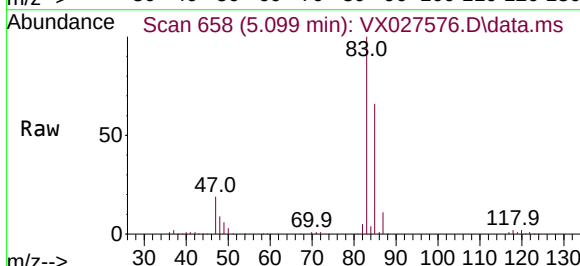
Acq: 19 Mar 2022 21:28

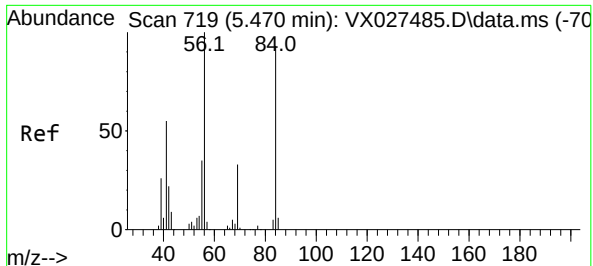
Tgt Ion: 83 Resp: 301145

Ion Ratio Lower Upper

83 100

85 65.5 52.7 79.1

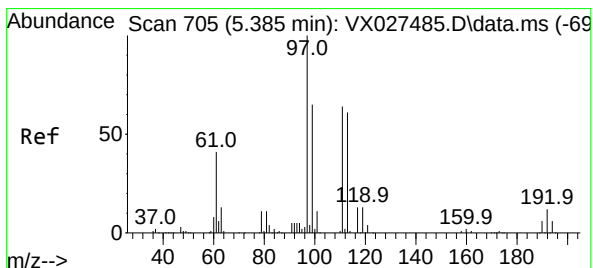
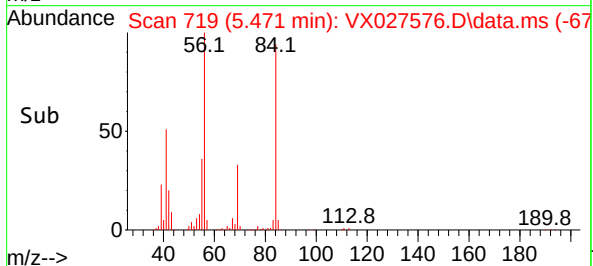
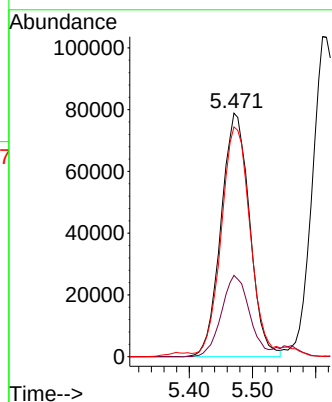
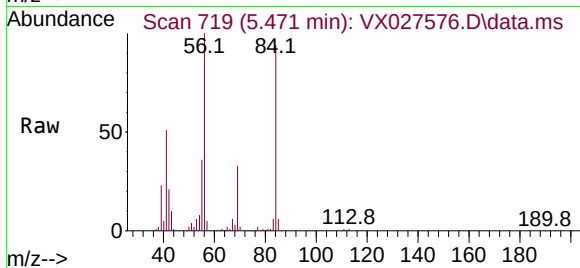




#31  
Cyclohexane  
Concen: 52.290 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

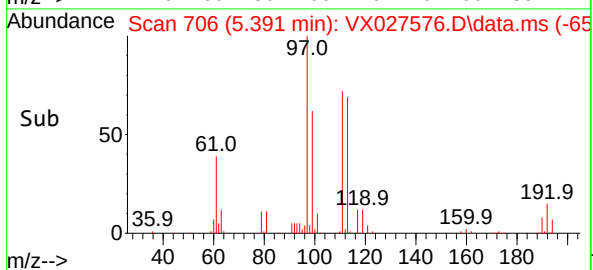
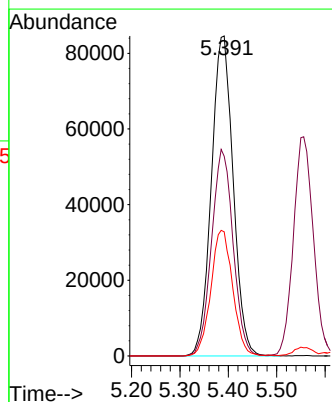
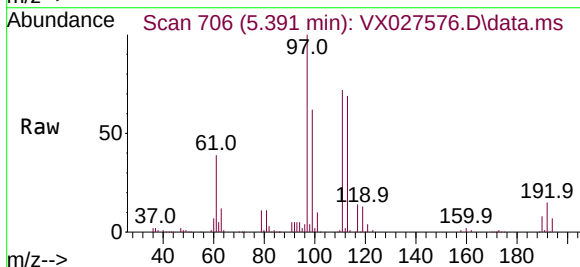
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

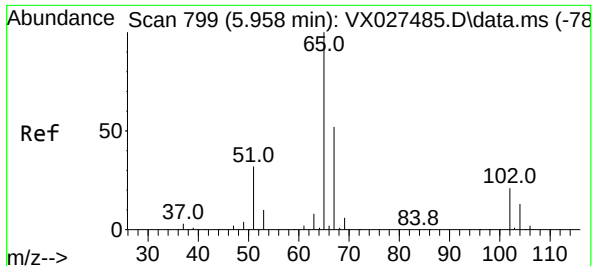
Tgt Ion: 56 Resp: 246980  
Ion Ratio Lower Upper  
56 100  
69 33.4 26.7 40.1  
84 92.9 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 49.389 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 97 Resp: 264333  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.8 77.6  
61 39.4 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 50.750 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

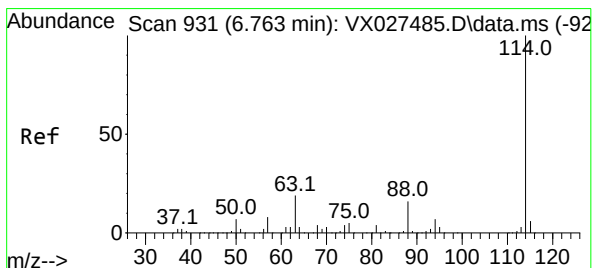
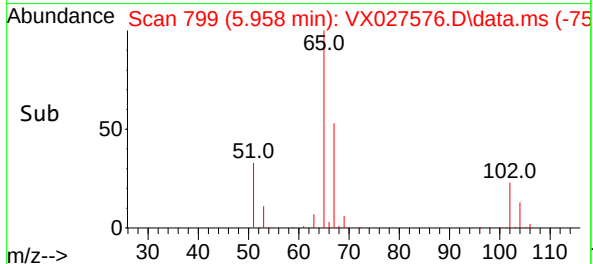
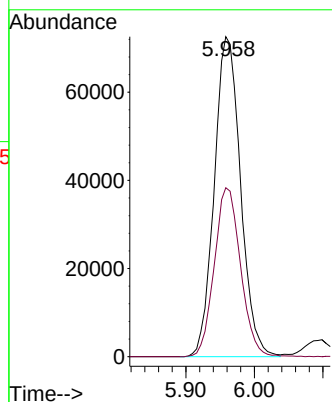
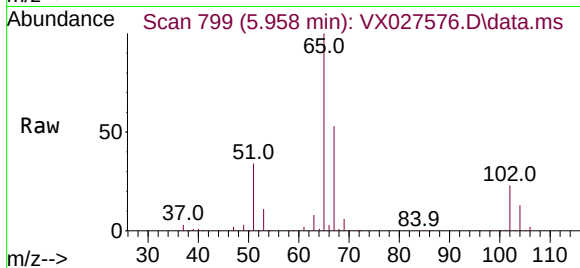
VSTDCCC050EC

Tgt Ion: 65 Resp: 193038

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

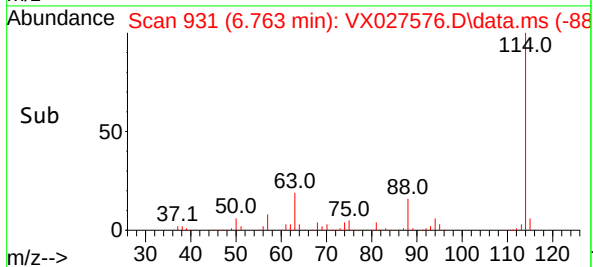
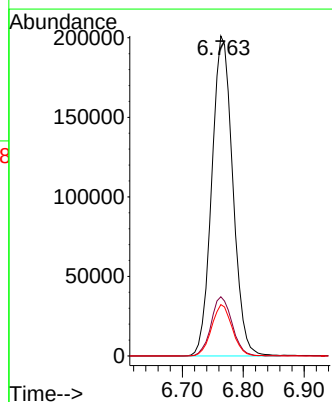
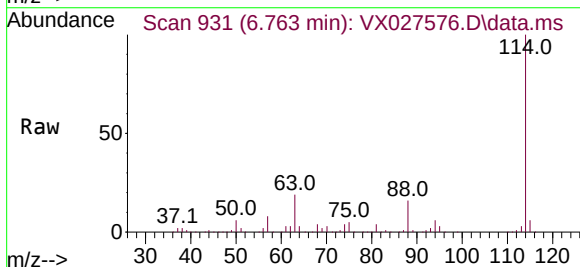
Tgt Ion: 114 Resp: 481997

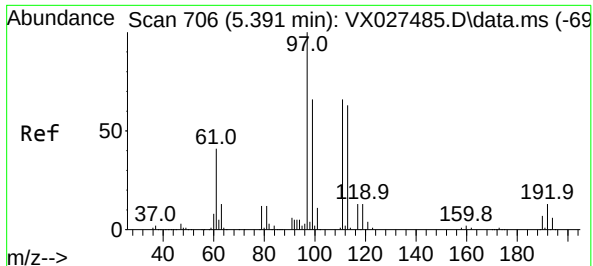
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 55.594 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

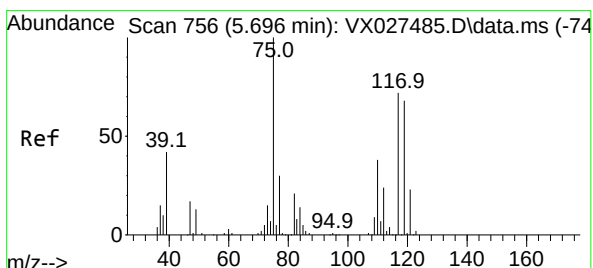
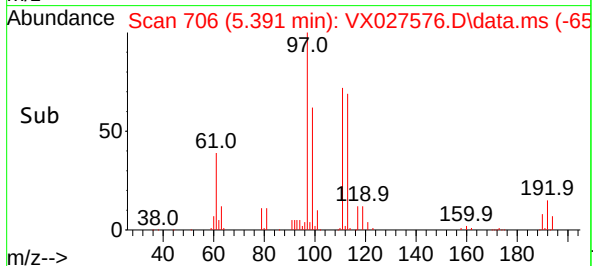
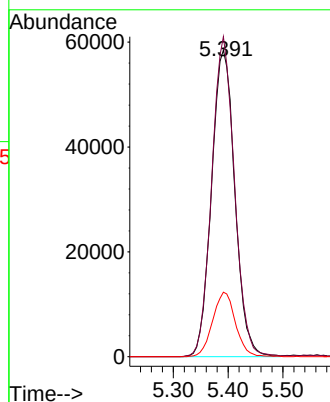
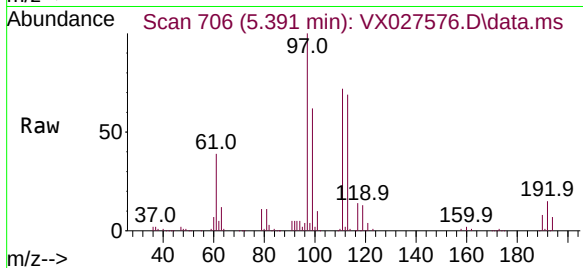
Tgt Ion:113 Resp: 172401

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 51.907 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

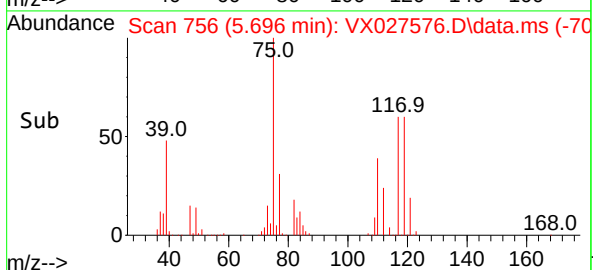
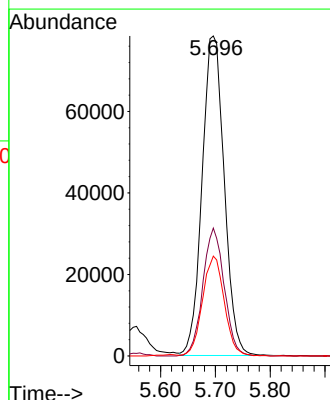
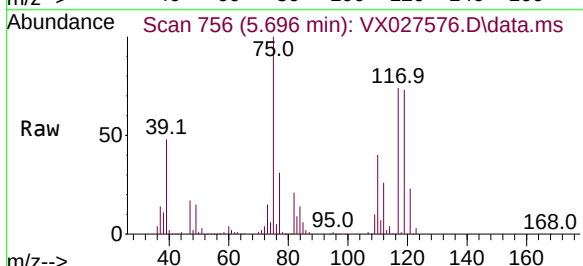
Tgt Ion: 75 Resp: 219974

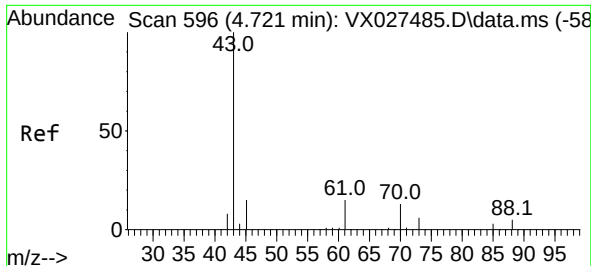
Ion Ratio Lower Upper

75 100

110 38.6 18.3 54.8

77 30.8 24.8 37.2

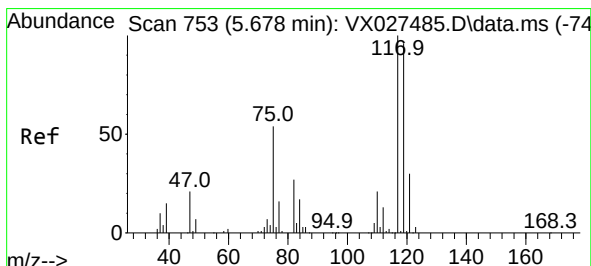
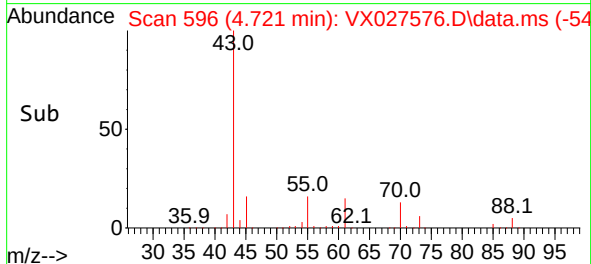
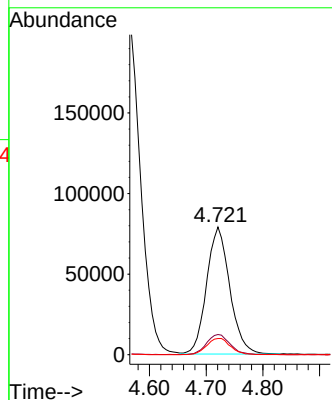
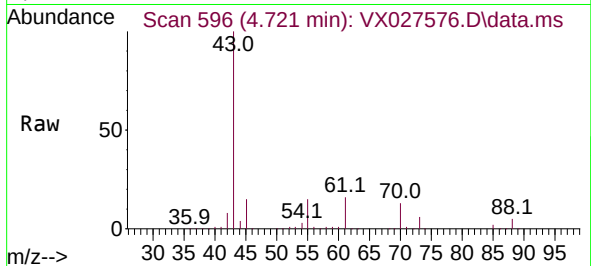




#37  
Ethyl Acetate  
Concen: 53.034 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

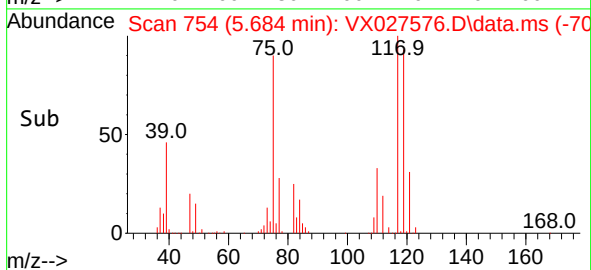
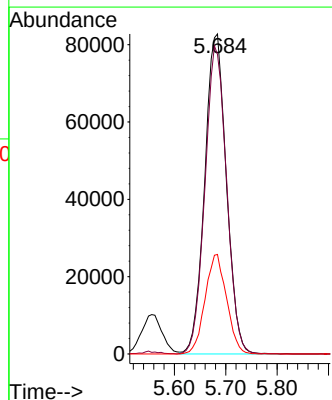
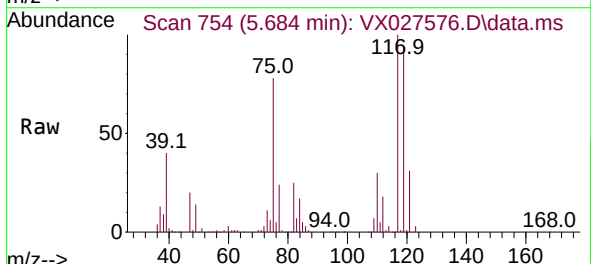
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

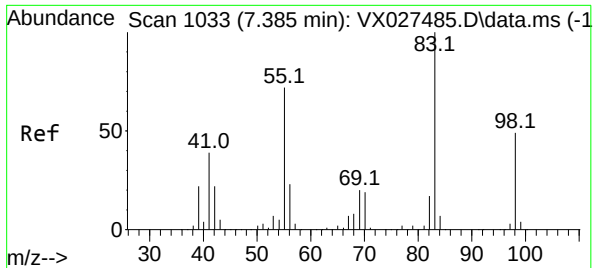
Tgt Ion: 43 Resp: 223951  
Ion Ratio Lower Upper  
43 100  
61 16.0 12.6 19.0  
70 13.2 10.2 15.2



#38  
Carbon Tetrachloride  
Concen: 50.124 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 117 Resp: 243014  
Ion Ratio Lower Upper  
117 100  
119 93.7 77.3 115.9  
121 31.1 24.2 36.2

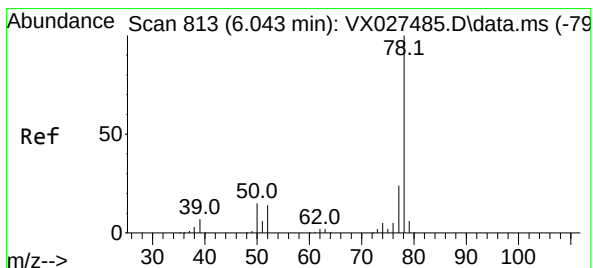
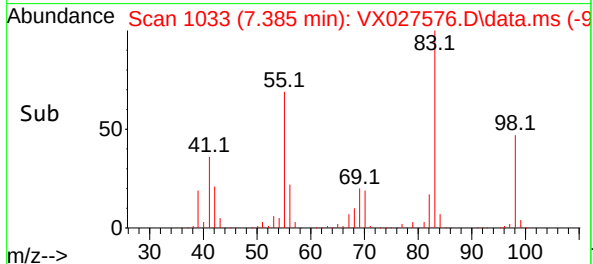
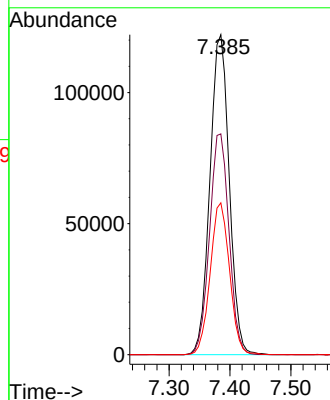
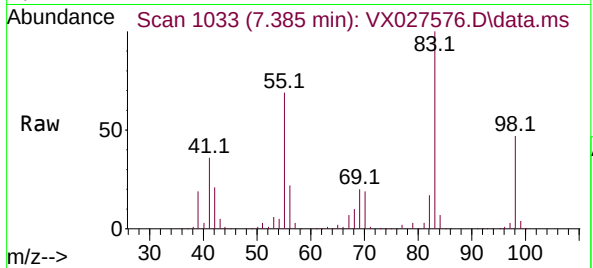




#39  
Methylcyclohexane  
Concen: 50.454 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

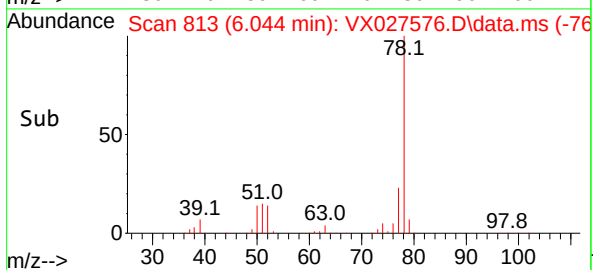
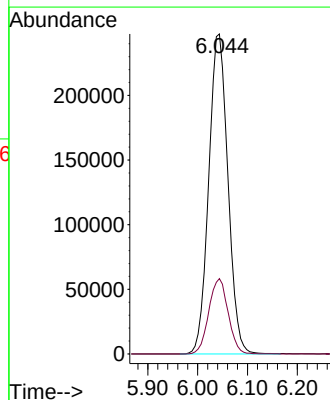
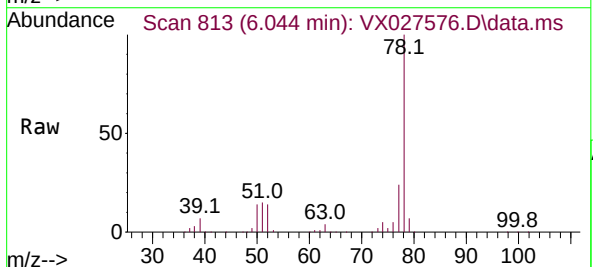
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 268875  
Ion Ratio Lower Upper  
83 100  
55 69.0 54.6 81.8  
98 47.4 37.4 56.2

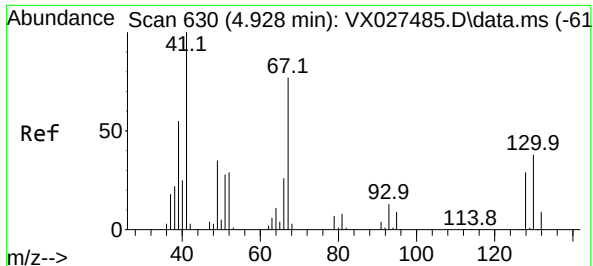


#40  
Benzene  
Concen: 54.363 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 78 Resp: 660945  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9



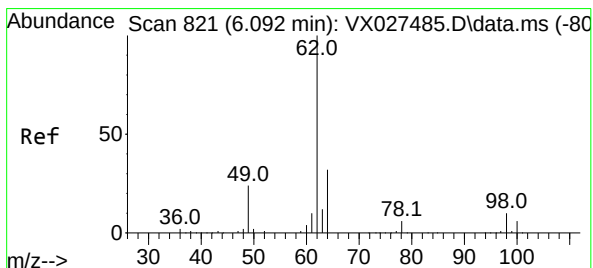
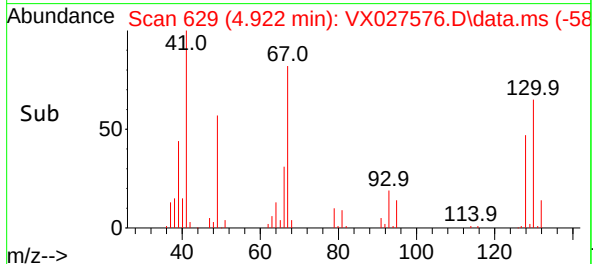
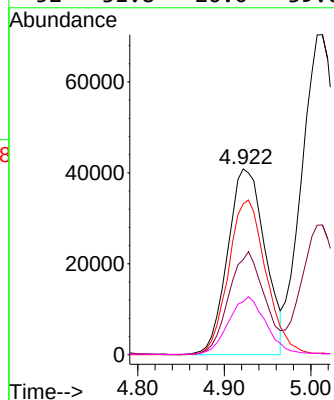
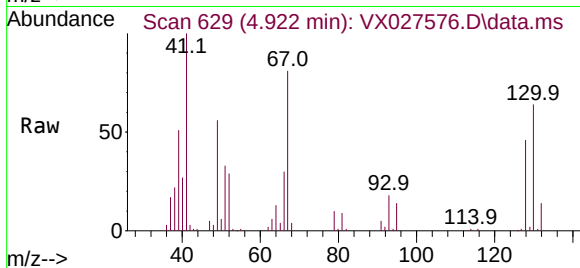




#41  
Methacrylonitrile  
Concen: 53.358 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

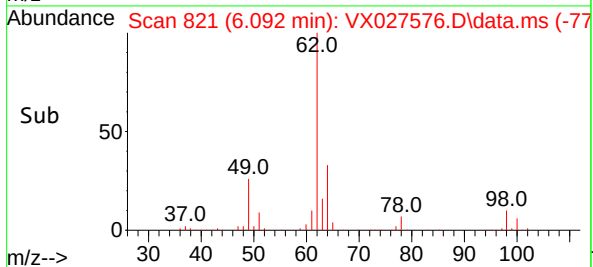
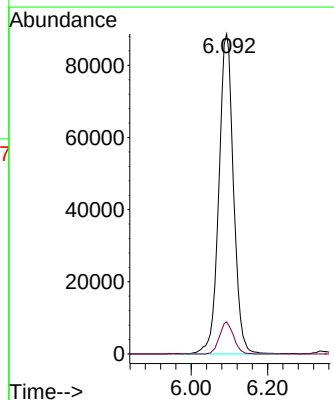
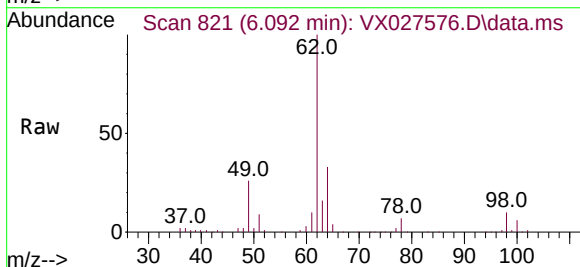
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

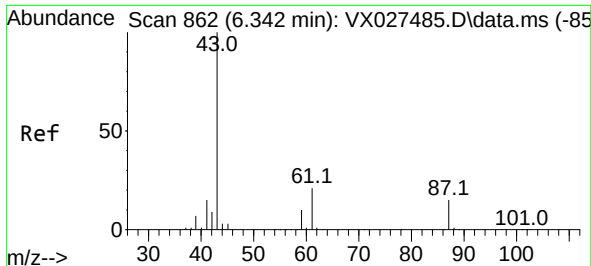
Tgt Ion: 41 Resp: 122882  
Ion Ratio Lower Upper  
41 100  
39 53.0 43.0 64.4  
67 83.9 70.2 105.4  
52 31.8 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 51.733 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 62 Resp: 235724  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 20.4

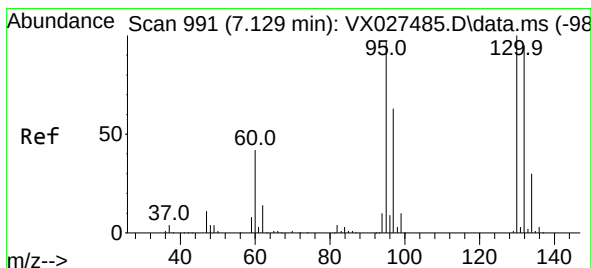
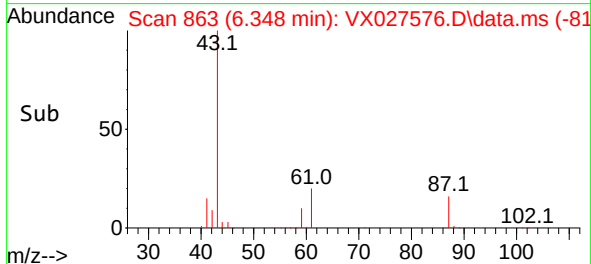
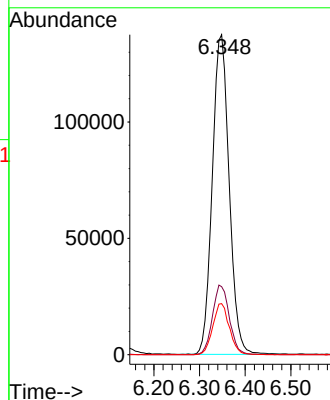
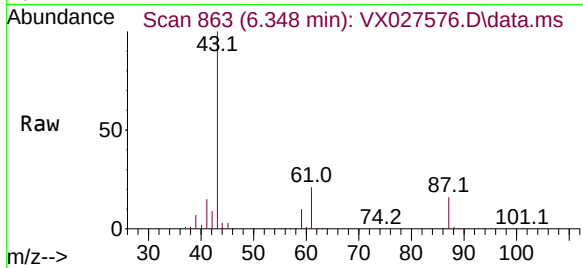




#43  
Isopropyl Acetate  
Concen: 51.905 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

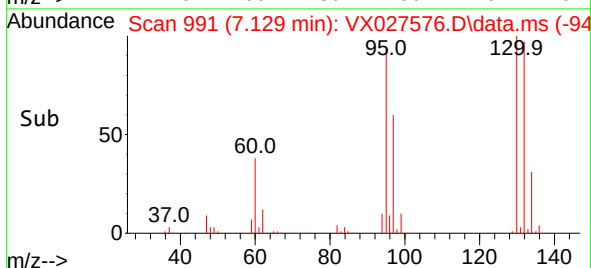
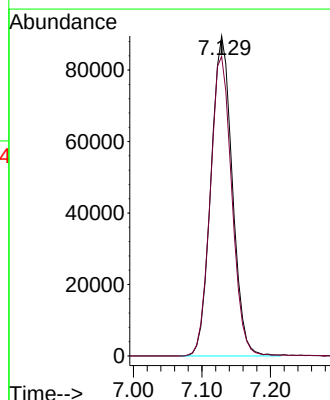
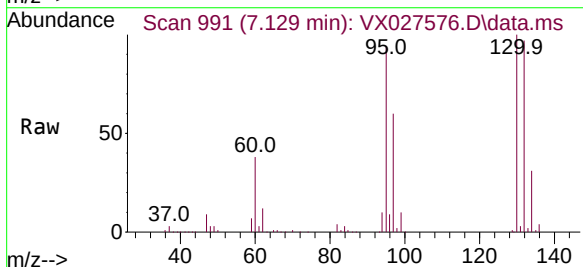
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

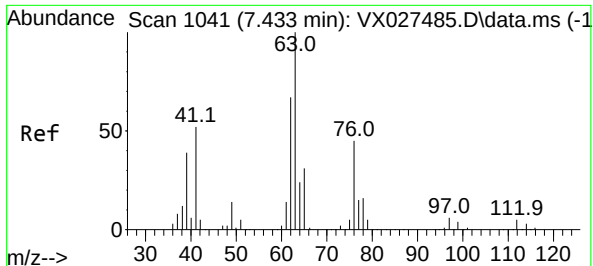
Tgt Ion: 43 Resp: 352755  
Ion Ratio Lower Upper  
43 100  
61 21.7 18.5 27.7  
87 15.7 13.0 19.6



#44  
Trichloroethene  
Concen: 52.410 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion:130 Resp: 193433  
Ion Ratio Lower Upper  
130 100  
95 93.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.211 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

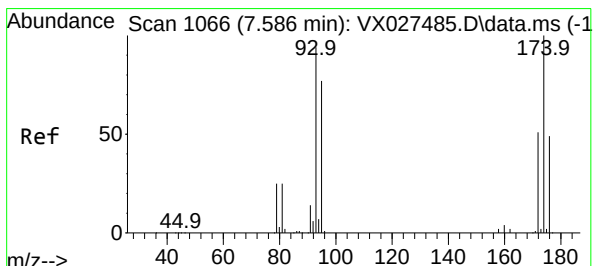
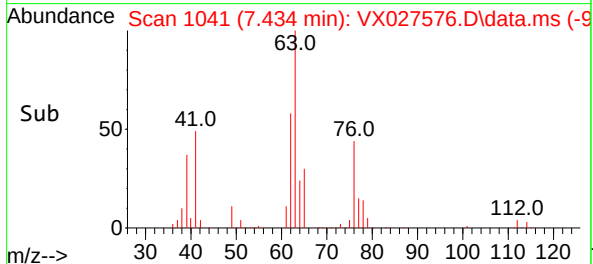
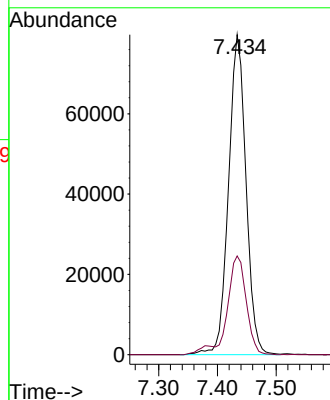
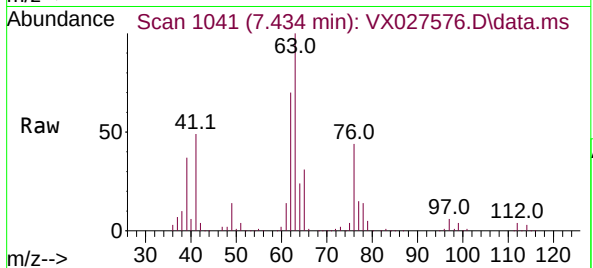
VSTDCCC050EC

Tgt Ion: 63 Resp: 164782

Ion Ratio Lower Upper

63 100

65 30.9 25.8 38.6



#46

Dibromomethane

Concen: 52.137 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

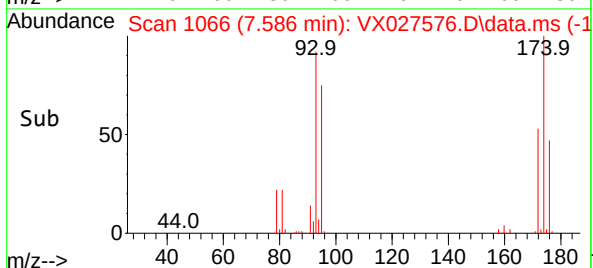
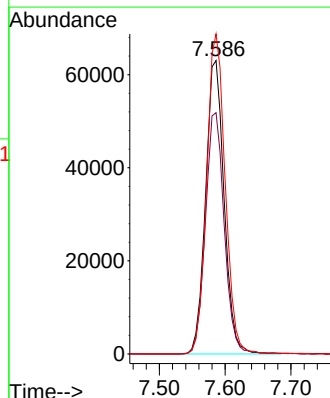
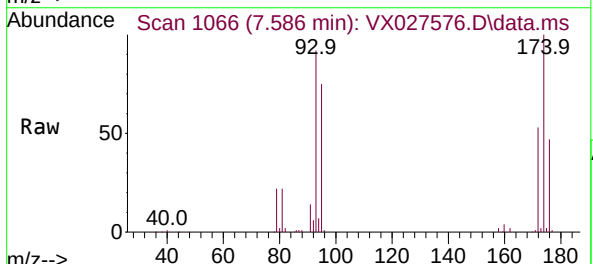
Tgt Ion: 93 Resp: 123336

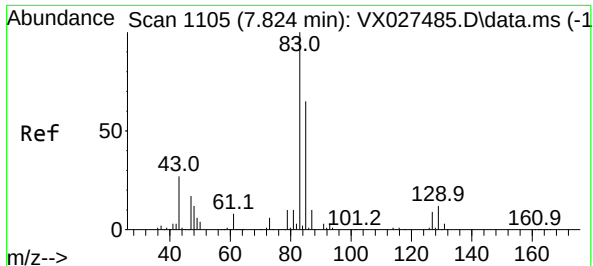
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 109.1 85.4 128.2

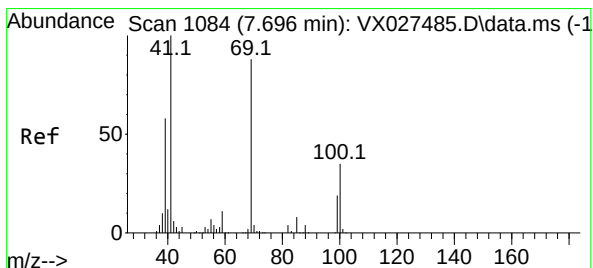
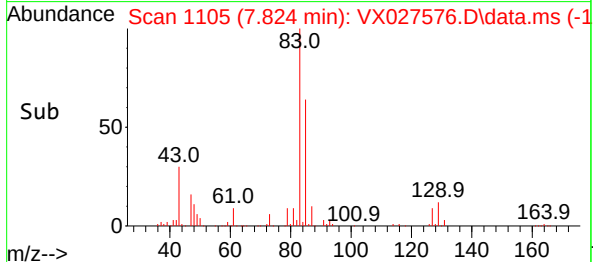
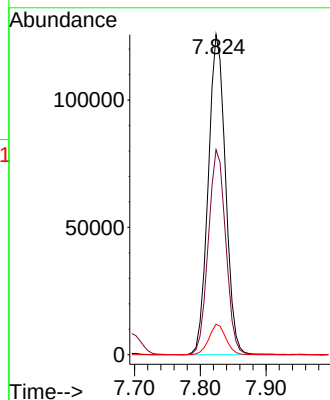
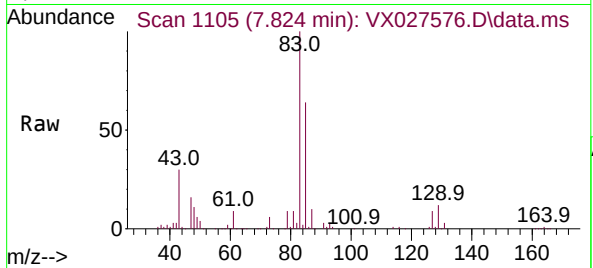




#47  
Bromodichloromethane  
Concen: 51.533 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

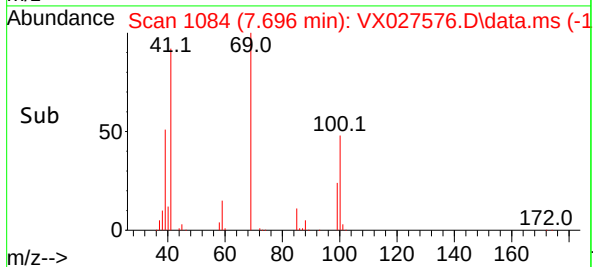
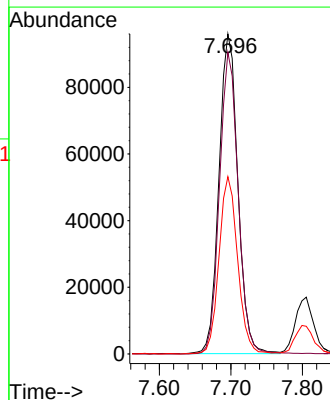
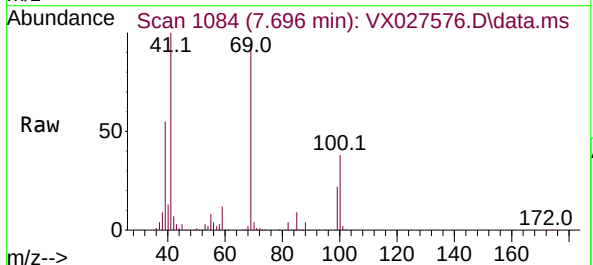
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

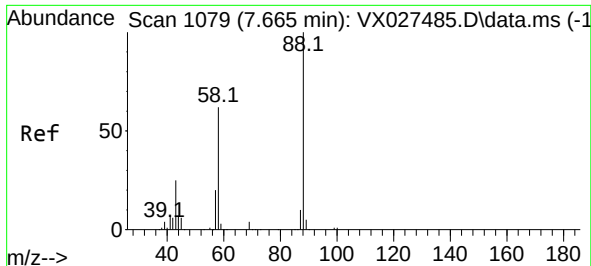
Tgt Ion: 83 Resp: 229545  
Ion Ratio Lower Upper  
83 100  
85 64.0 52.2 78.2  
127 9.5 6.8 10.2



#48  
Methyl methacrylate  
Concen: 52.378 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 41 Resp: 176166  
Ion Ratio Lower Upper  
41 100  
69 93.4 82.5 123.7  
39 54.8 43.8 65.8

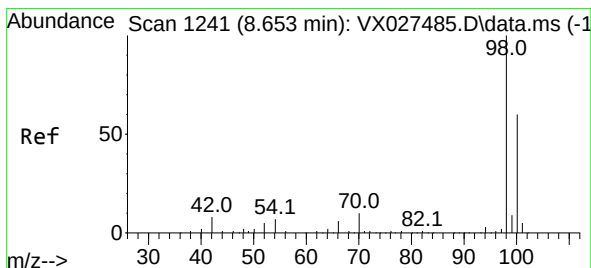
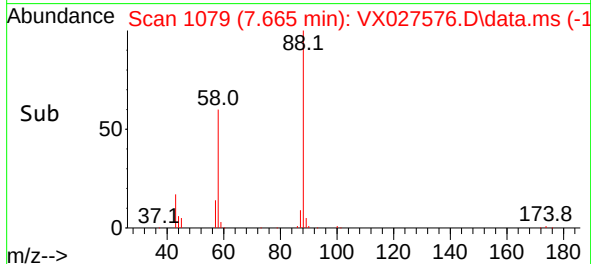
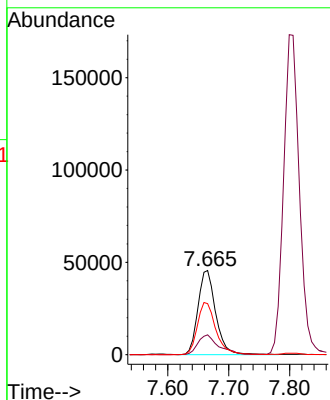
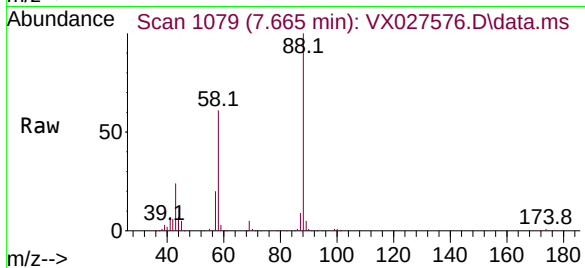




#49  
1,4-Dioxane  
Concen: 1066.969 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

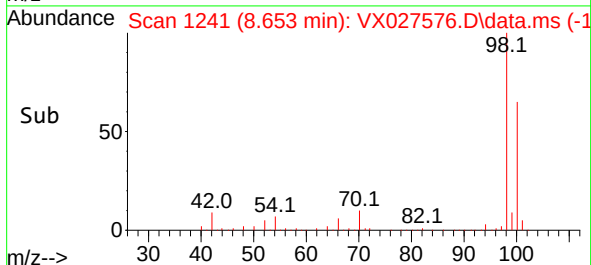
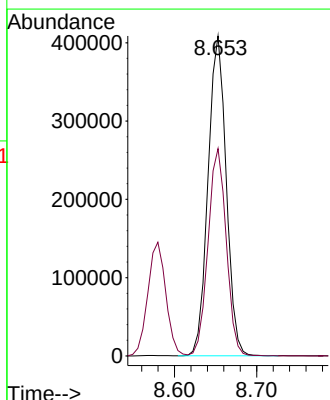
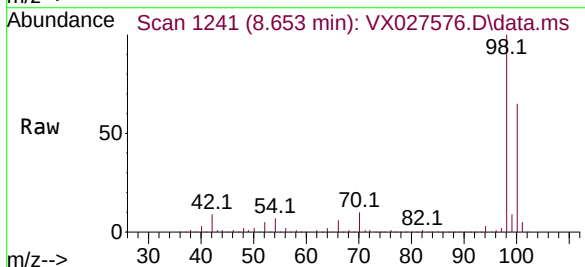
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

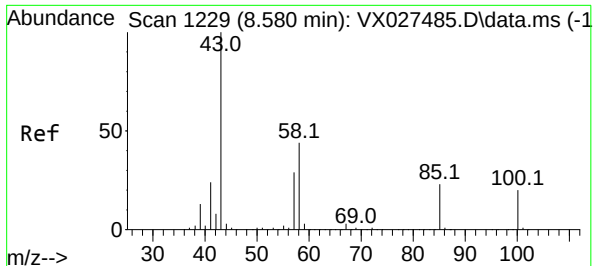
Tgt Ion: 88 Resp: 92171  
Ion Ratio Lower Upper  
88 100  
43 27.8 21.9 32.9  
58 64.5 53.7 80.5



#50  
Toluene-d8  
Concen: 53.469 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 98 Resp: 627456  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8

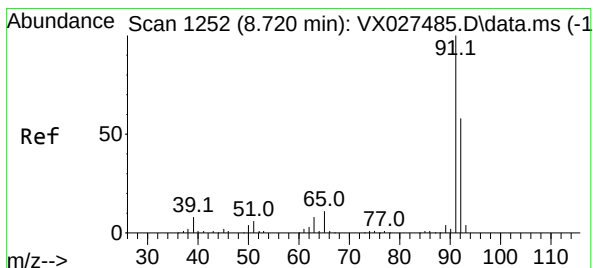
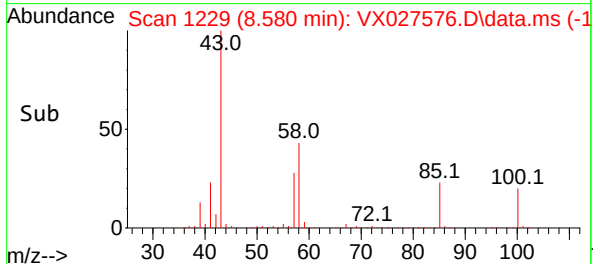
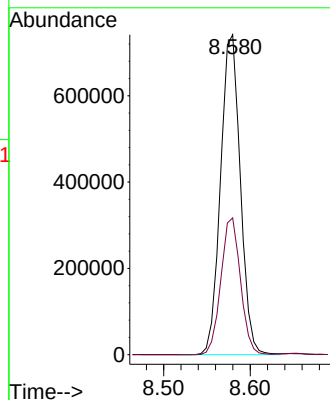
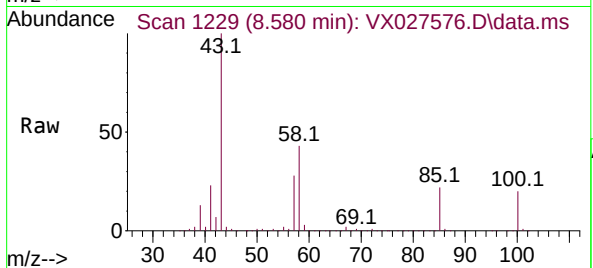




#51  
4-Methyl-2-Pentanone  
Concen: 271.124 ug/l  
RT: 8.580 min Scan# 1176225  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

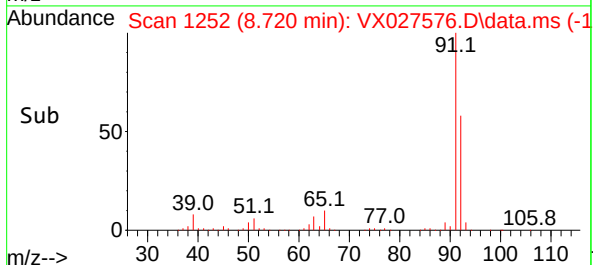
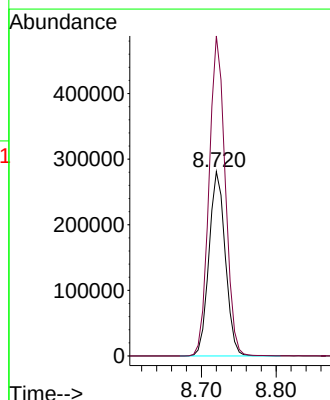
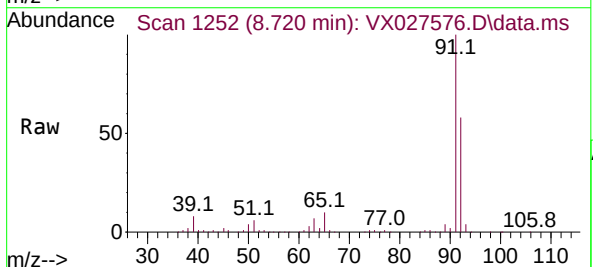
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

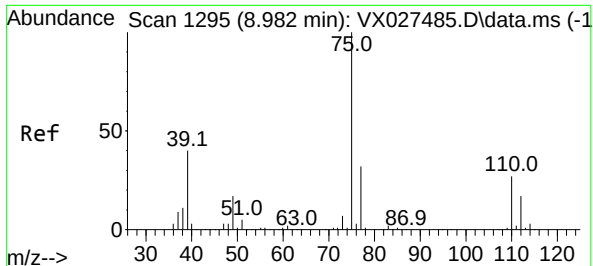
Tgt Ion: 43 Resp: 1176225  
Ion Ratio Lower Upper  
43 100  
58 42.4 36.1 54.1



#52  
Toluene  
Concen: 52.285 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 92 Resp: 425985  
Ion Ratio Lower Upper  
92 100  
91 172.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 50.518 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

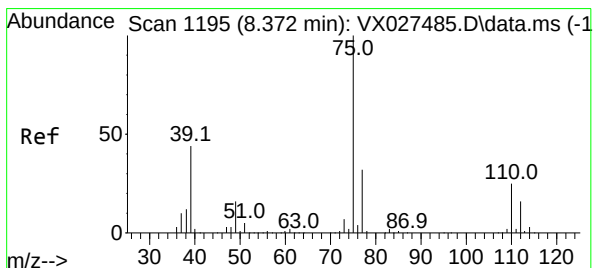
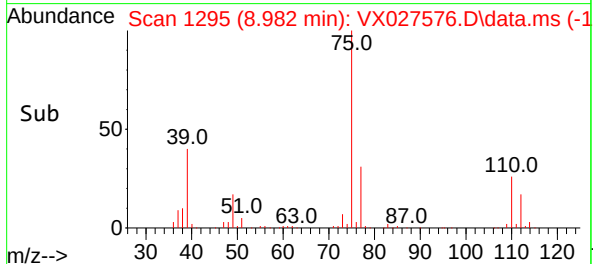
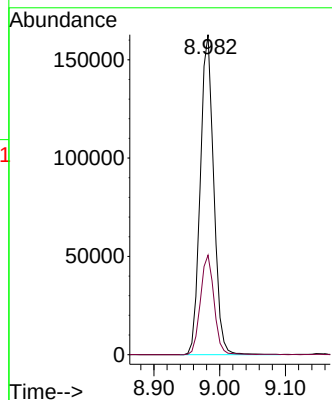
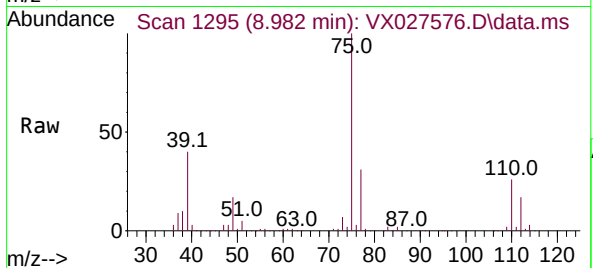
VSTDCCC050EC

Tgt Ion: 75 Resp: 230950

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.469 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

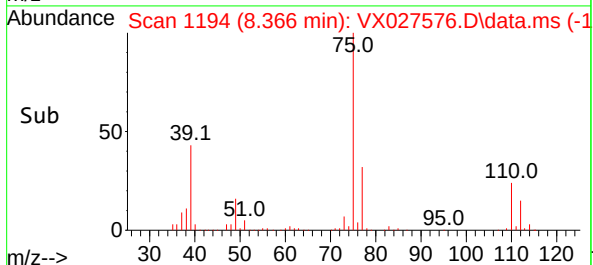
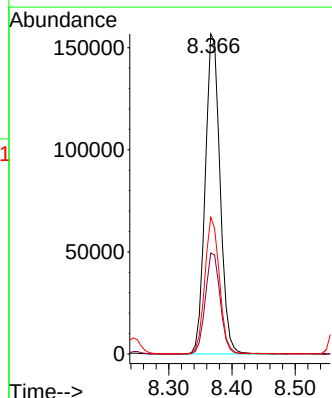
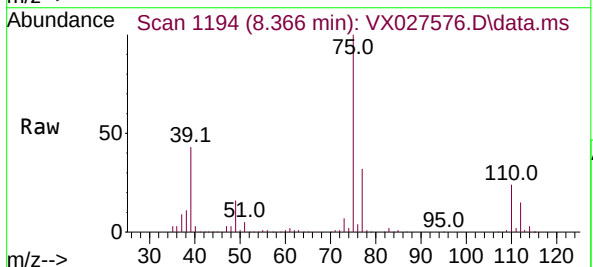
Tgt Ion: 75 Resp: 256082

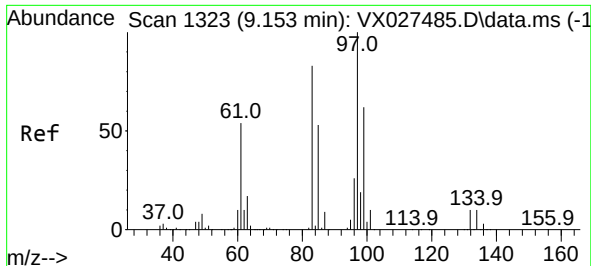
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 42.6 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 53.820 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 178534

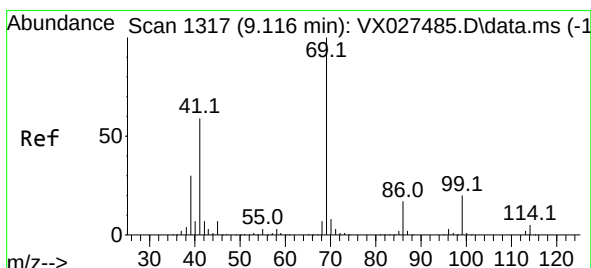
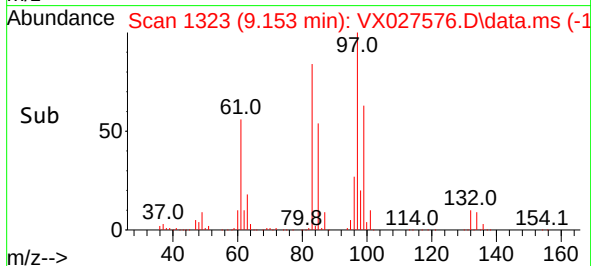
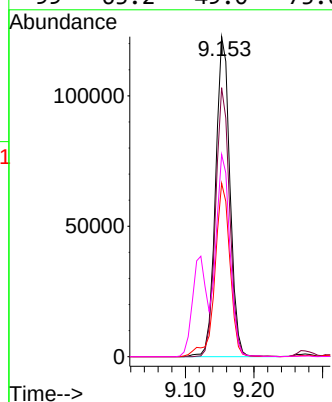
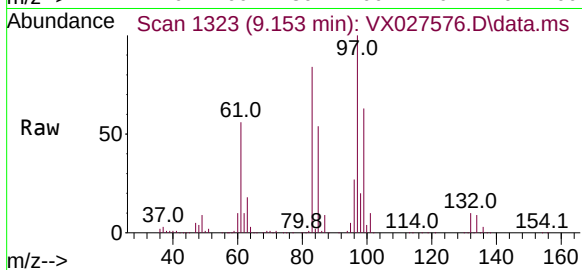
Ion Ratio Lower Upper

97 100

83 84.1 66.2 99.4

85 54.2 42.9 64.3

99 63.2 49.0 73.6



#56

Ethyl methacrylate

Concen: 53.320 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

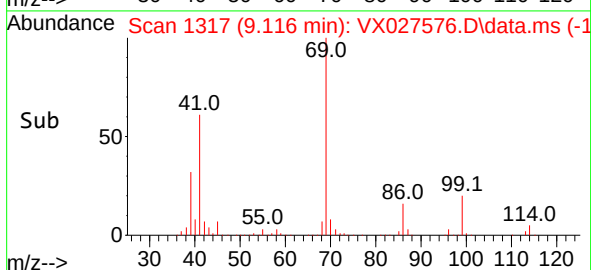
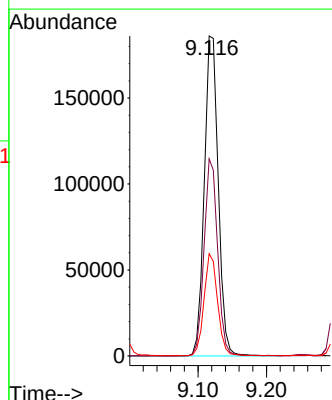
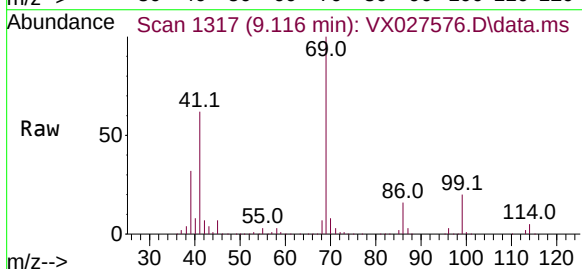
Tgt Ion: 69 Resp: 264640

Ion Ratio Lower Upper

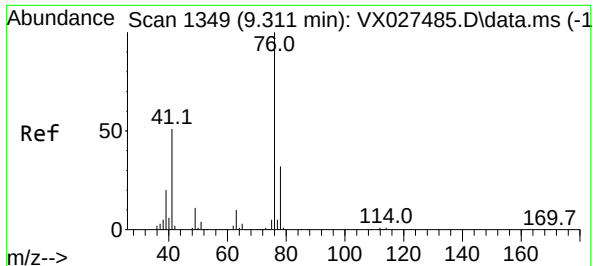
69 100

41 59.7 43.8 65.6

39 31.1 22.2 33.2







#57

1,3-Dichloropropane

Concen: 53.309 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

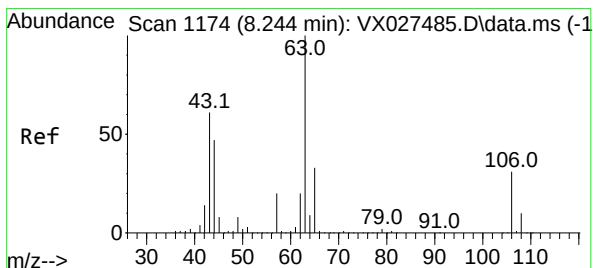
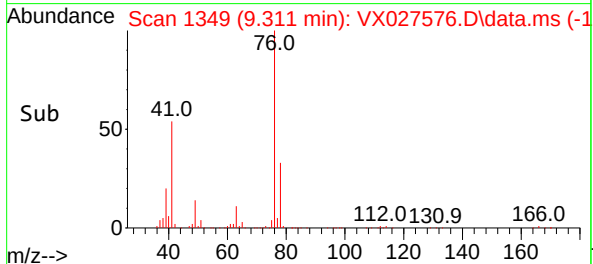
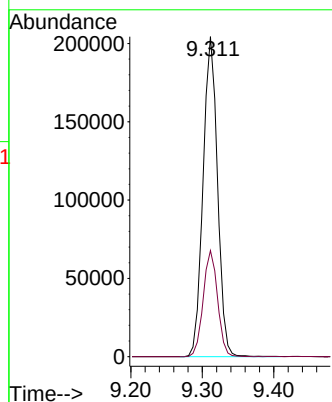
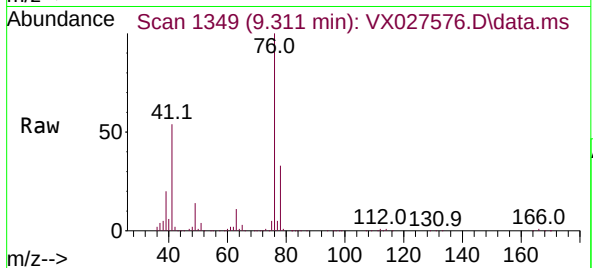
VSTDCCC050EC

Tgt Ion: 76 Resp: 287093

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.650 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027576.D

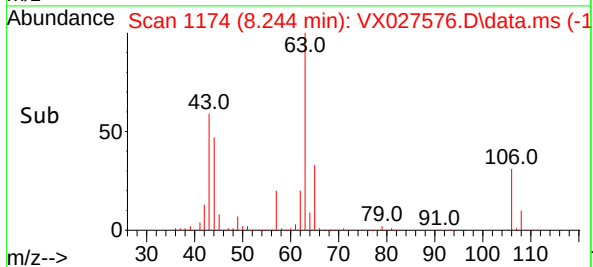
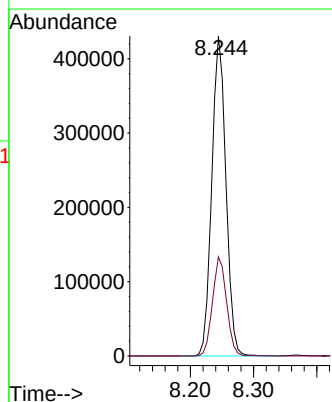
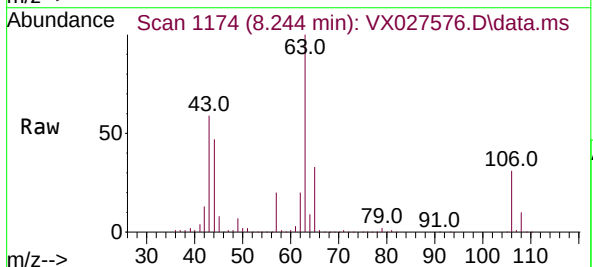
Acq: 19 Mar 2022 21:28

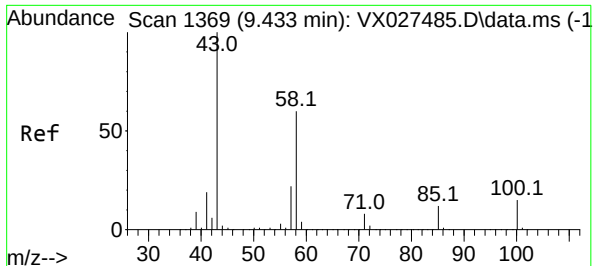
Tgt Ion: 63 Resp: 667275

Ion Ratio Lower Upper

63 100

106 30.9 23.9 35.9

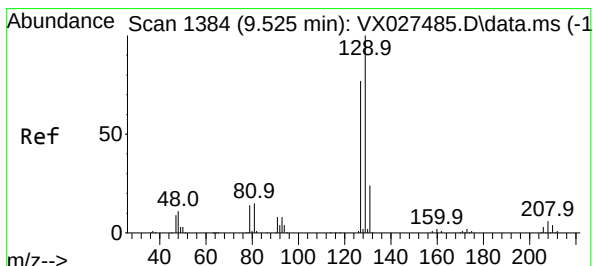
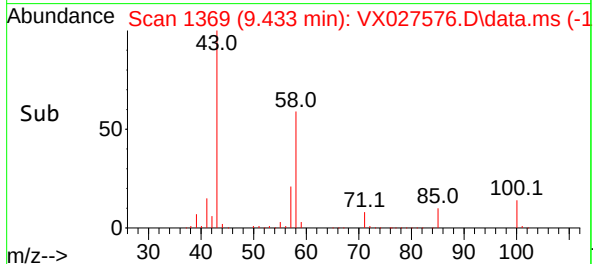
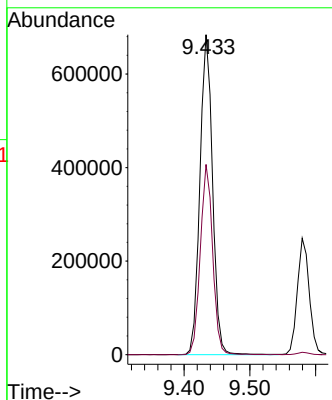
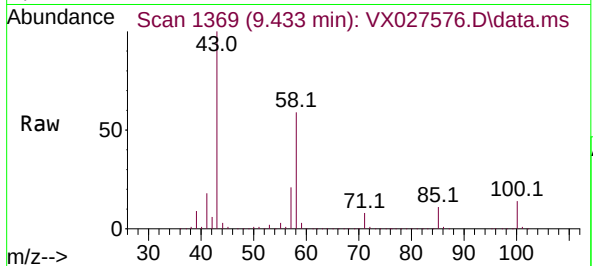




#59  
2-Hexanone  
Concen: 272.408 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

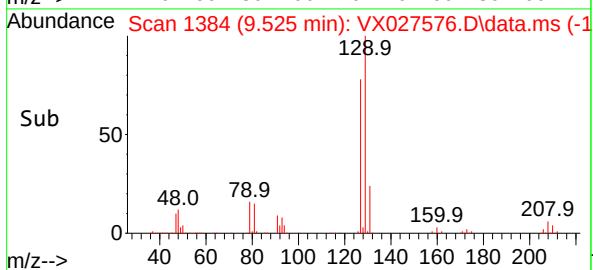
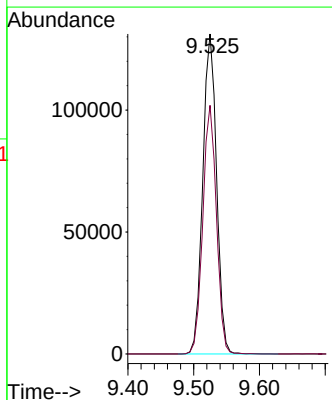
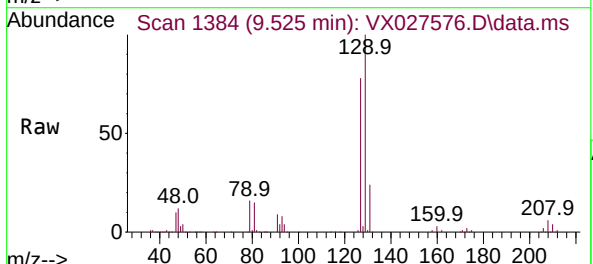
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

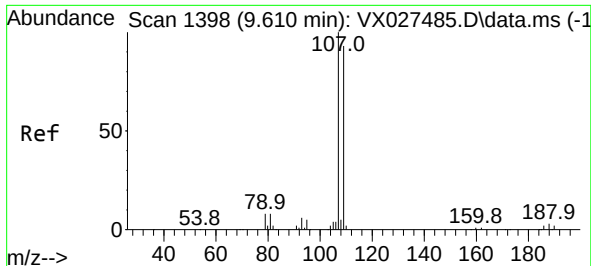
Tgt Ion: 43 Resp: 910204  
Ion Ratio Lower Upper  
43 100  
58 58.3 31.9 95.7



#60  
Dibromochloromethane  
Concen: 52.370 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 129 Resp: 191241  
Ion Ratio Lower Upper  
129 100  
127 76.8 40.3 120.8

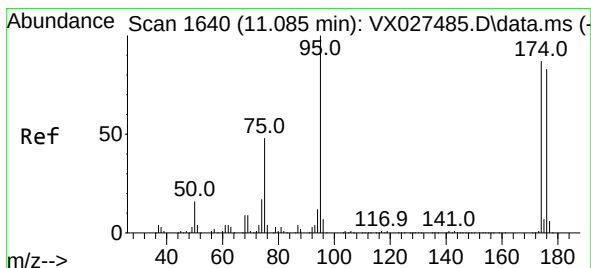
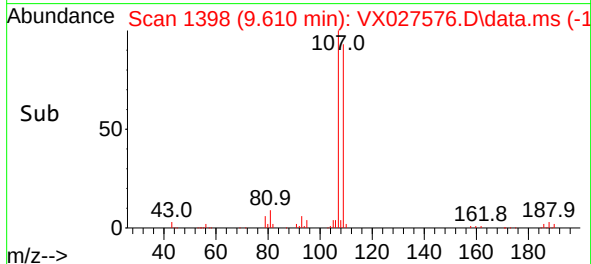
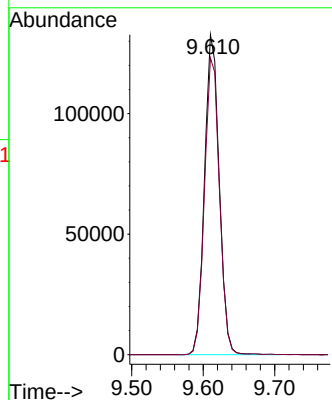
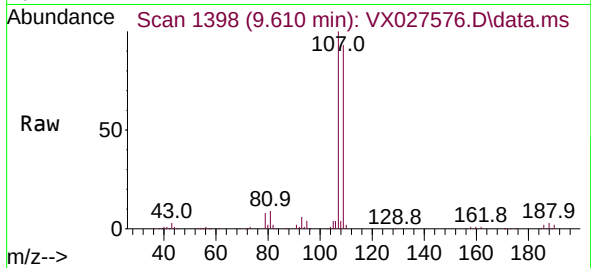




#61  
1,2-Dibromoethane  
Concen: 52.006 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

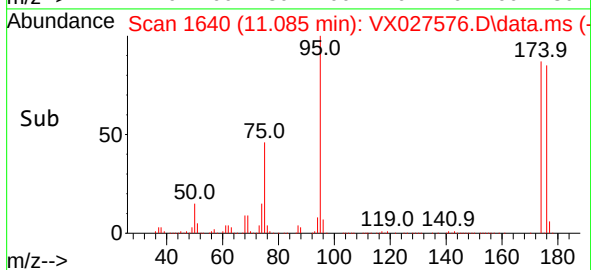
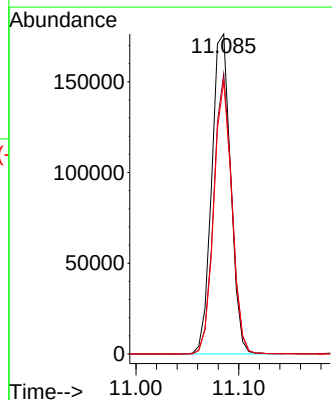
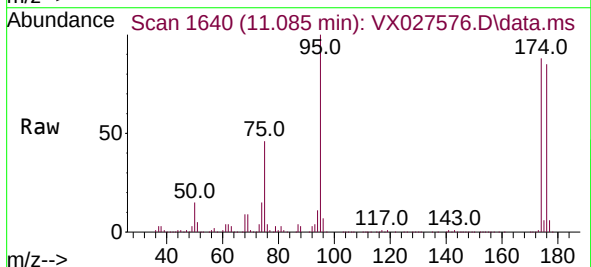
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

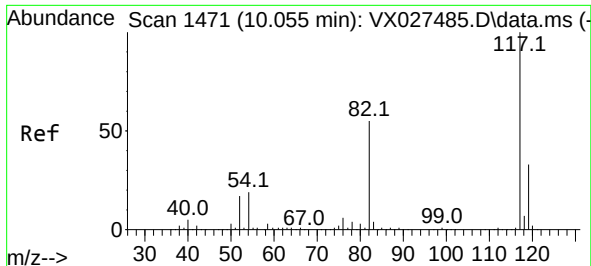
Tgt Ion:107 Resp: 189612  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 52.256 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 95 Resp: 225391  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 163.0  
176 81.2 0.0 155.0

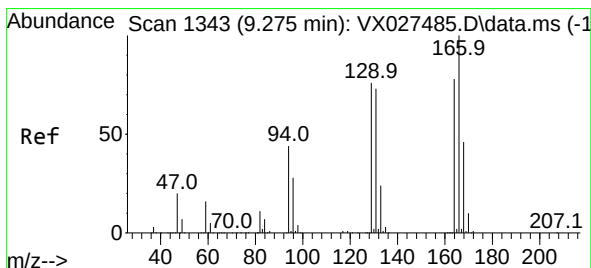
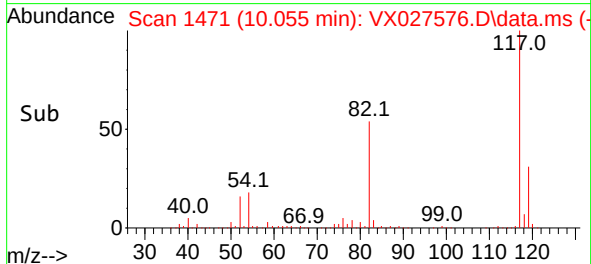
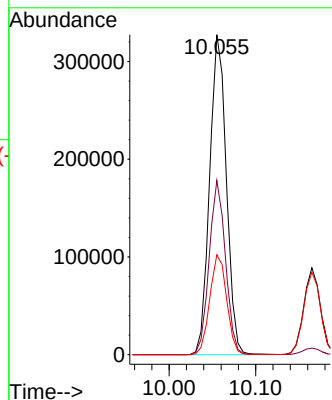
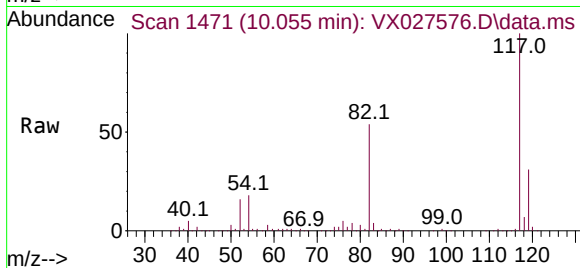




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

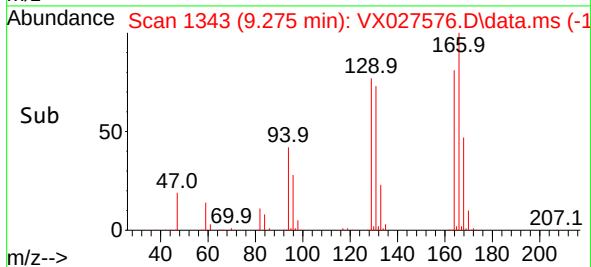
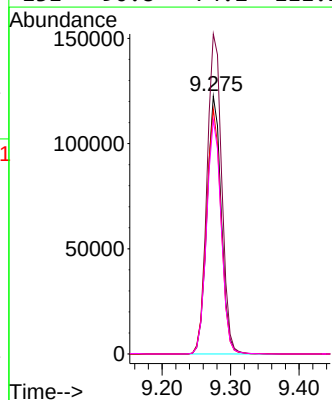
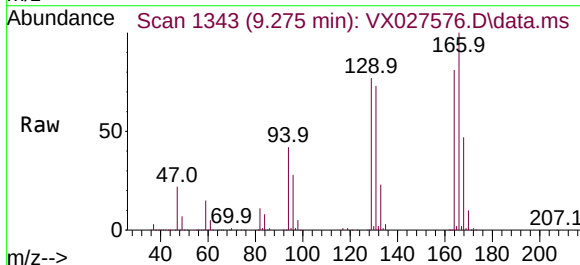
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

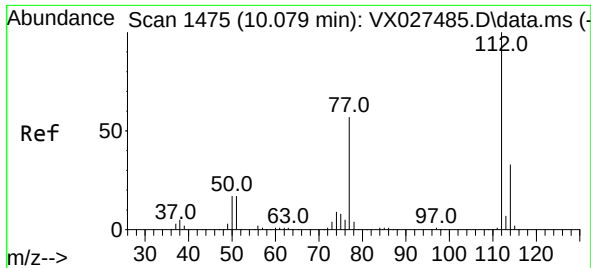
Tgt Ion:117 Resp: 438561  
Ion Ratio Lower Upper  
117 100  
82 54.4 41.8 62.8  
119 31.2 24.8 37.2



#64  
Tetrachloroethene  
Concen: 52.149 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion:164 Resp: 177824  
Ion Ratio Lower Upper  
164 100  
166 124.1 101.2 151.8  
129 95.0 73.0 109.4  
131 90.8 74.2 111.2

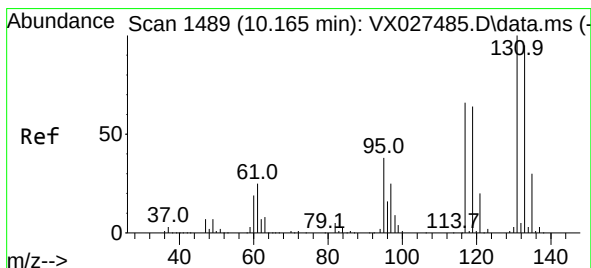
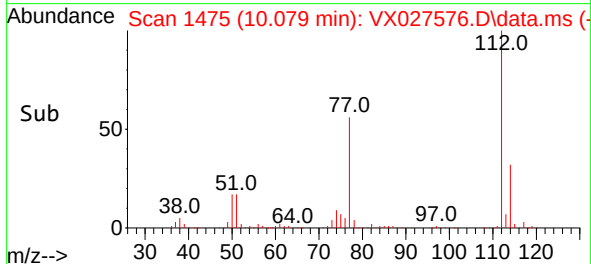
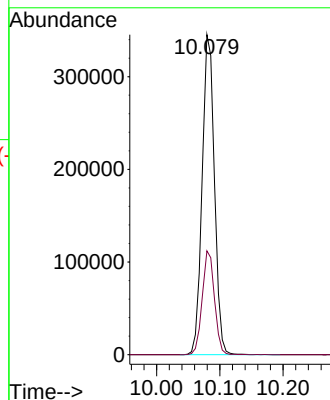
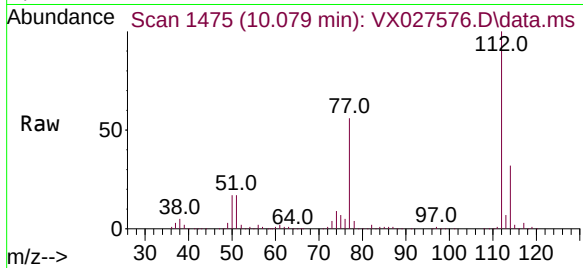




#65  
Chlorobenzene  
Concen: 51.876 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

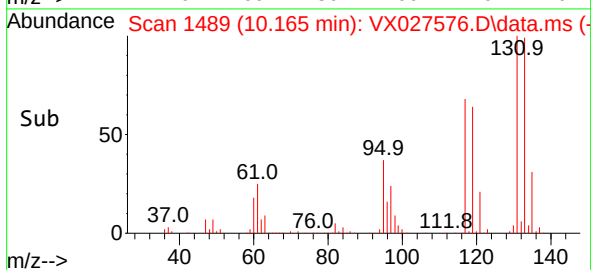
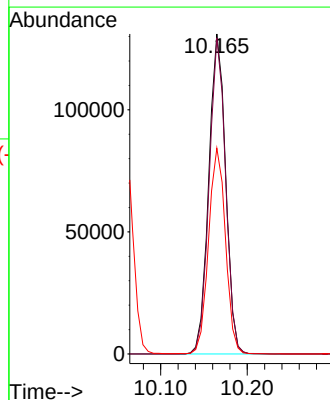
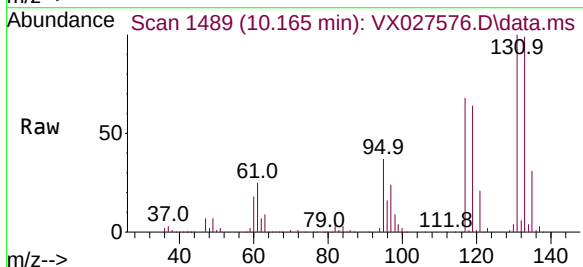
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

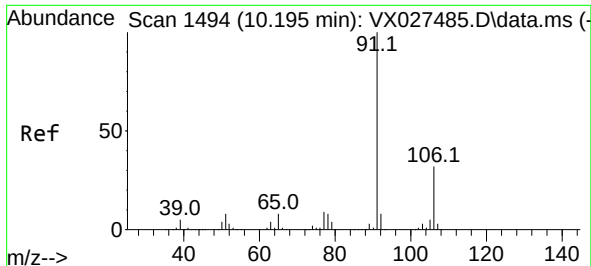
Tgt Ion:112 Resp: 468006  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.617 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion:131 Resp: 177106  
Ion Ratio Lower Upper  
131 100  
133 96.3 48.3 144.8  
119 64.6 32.6 98.0

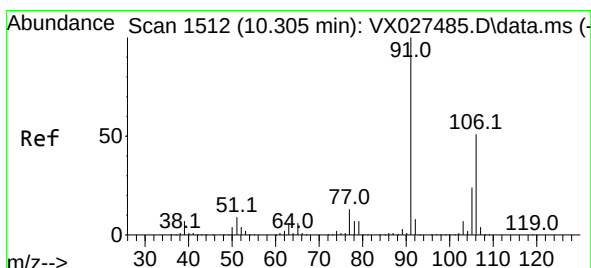
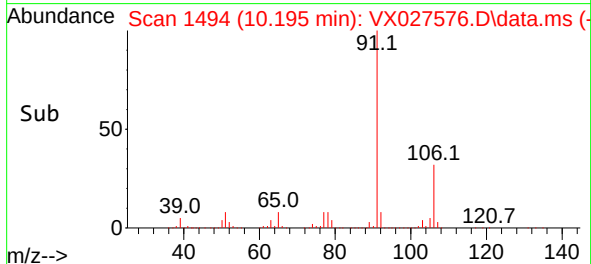
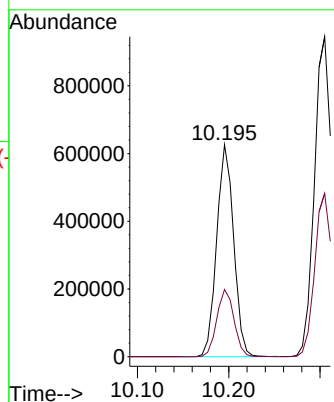
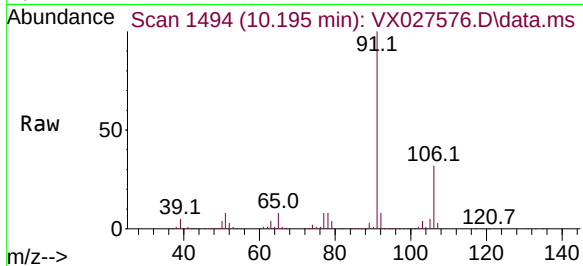




#67  
Ethyl Benzene  
Concen: 52.308 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

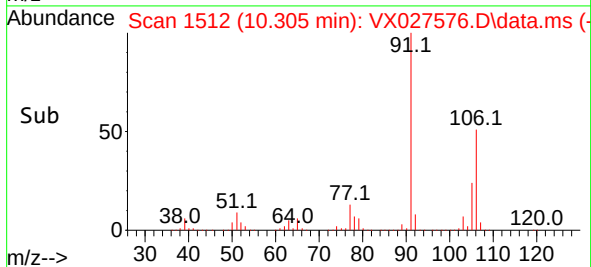
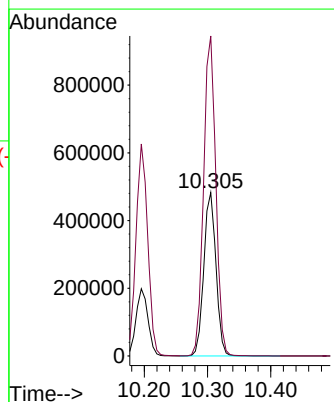
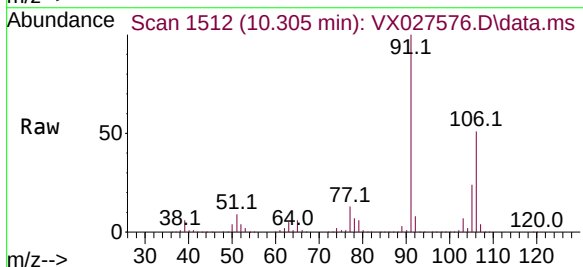
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

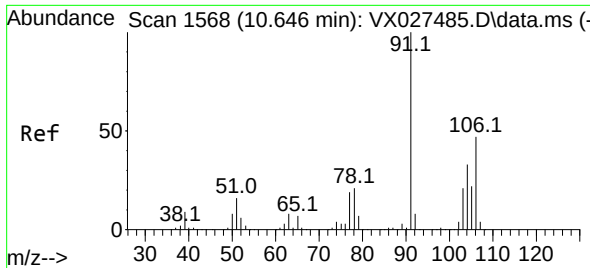
Tgt Ion: 91 Resp: 807739  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 106.372 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 106 Resp: 646756  
Ion Ratio Lower Upper  
106 100  
91 196.7 160.4 240.6

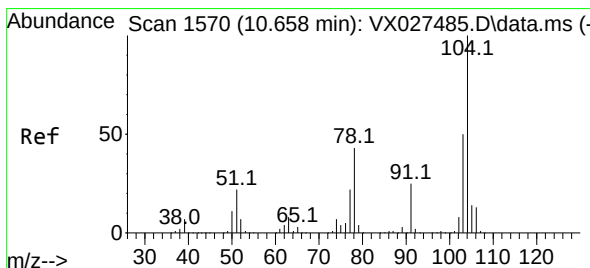
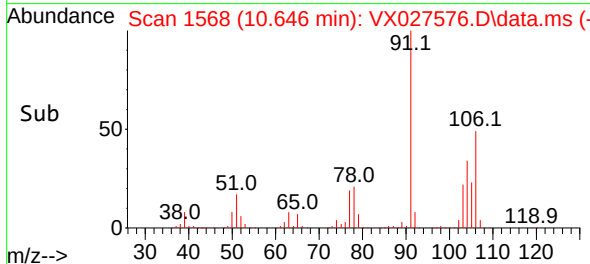
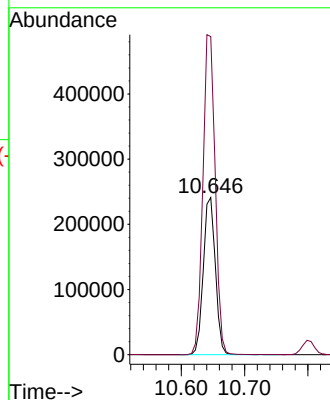
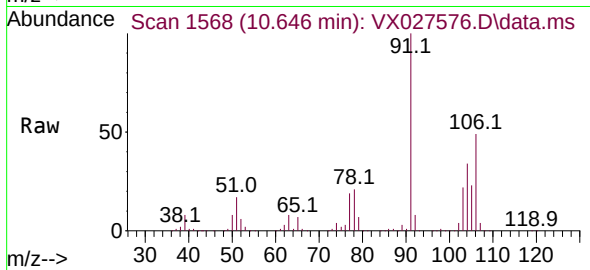




#69  
o-Xylene  
Concen: 54.295 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

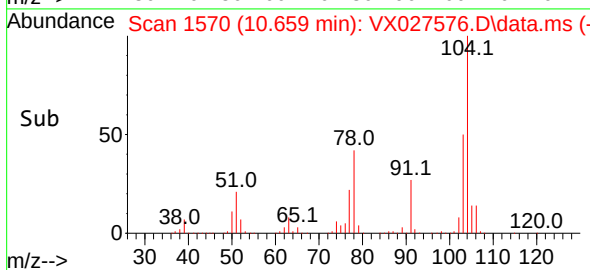
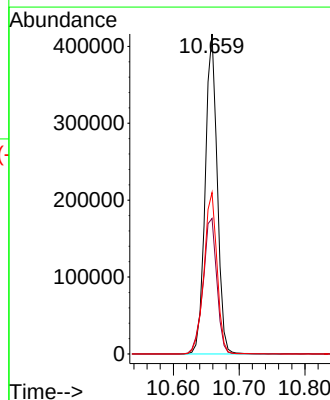
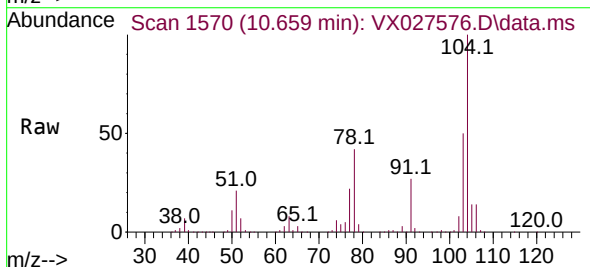
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

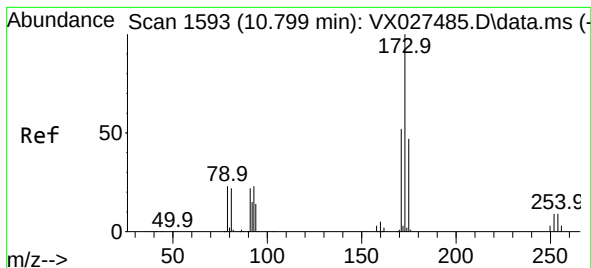
Tgt Ion:106 Resp: 320532  
Ion Ratio Lower Upper  
106 100  
91 207.5 106.1 318.1



#70  
Styrene  
Concen: 54.801 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion:104 Resp: 528492  
Ion Ratio Lower Upper  
104 100  
78 48.3 38.6 57.8  
103 54.9 43.8 65.8





#71

Bromoform

Concen: 51.818 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

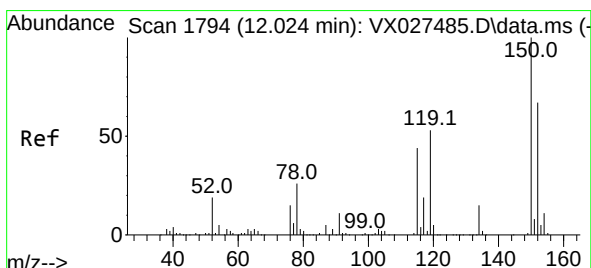
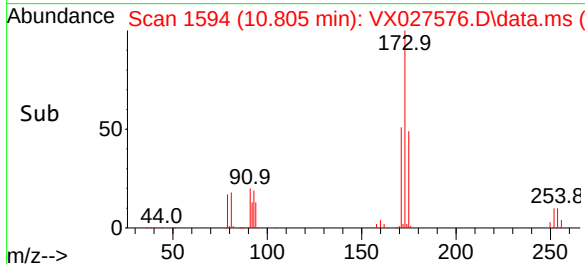
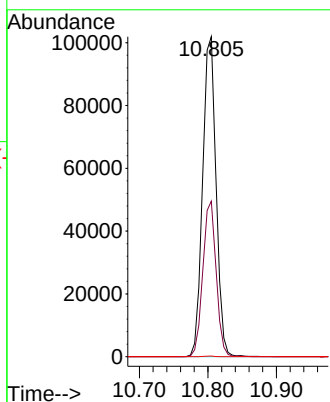
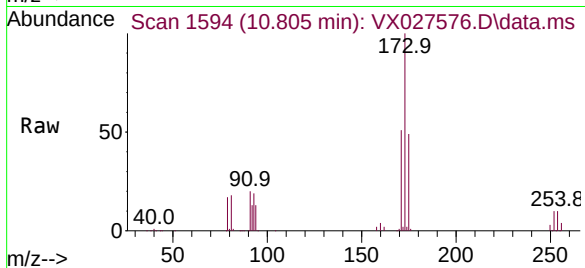
Tgt Ion:173 Resp: 139343

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

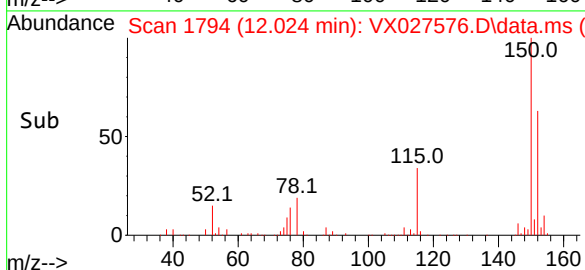
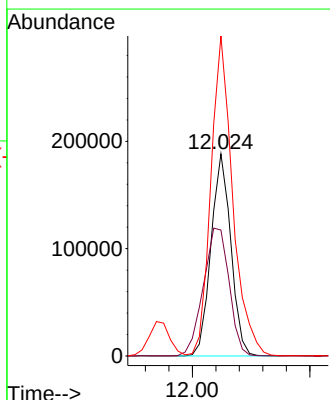
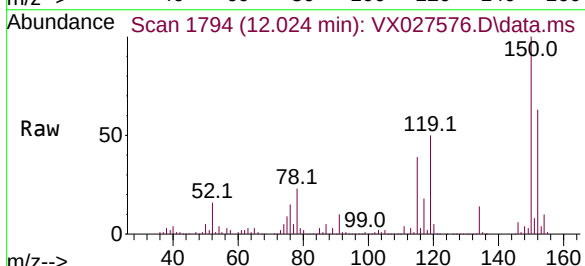
Tgt Ion:152 Resp: 220646

Ion Ratio Lower Upper

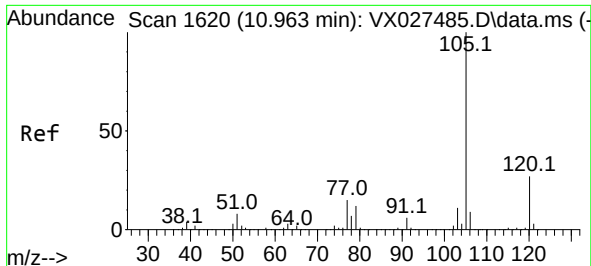
152 100

115 82.5 37.5 112.7

150 174.0 0.0 338.2



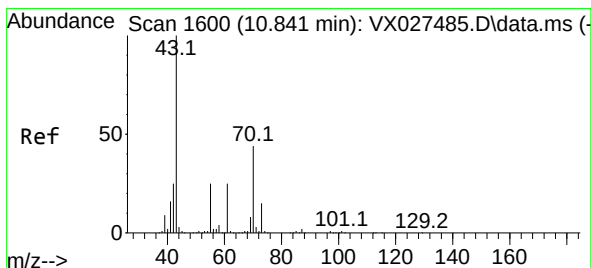
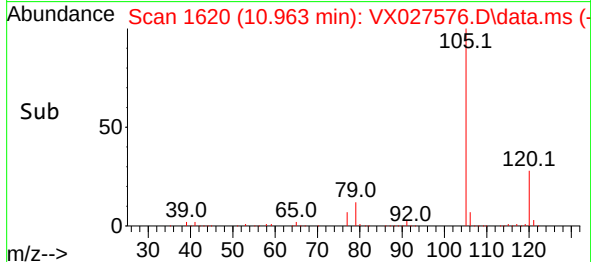
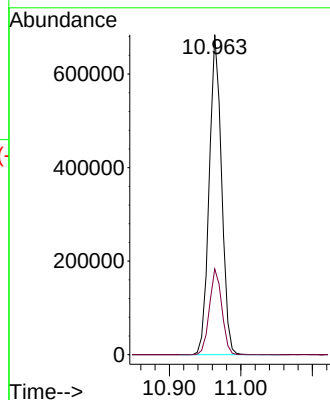
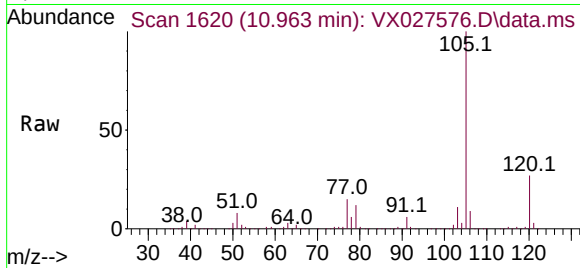




#73  
Isopropylbenzene  
Concen: 50.909 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

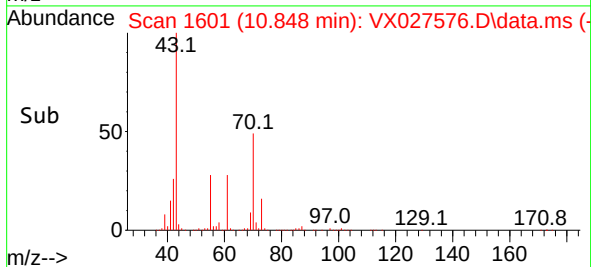
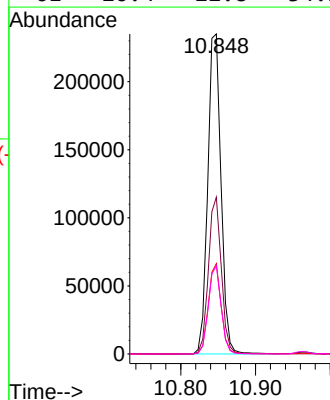
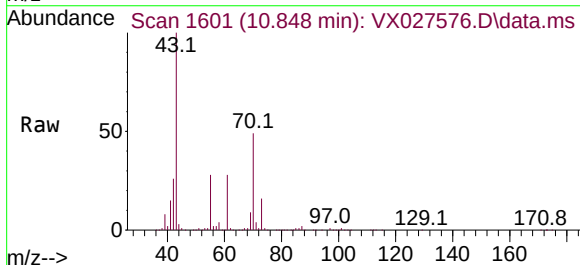
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

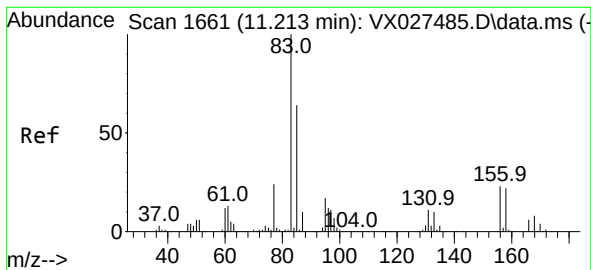
Tgt Ion:105 Resp: 818170  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.5 40.5



#74  
N-ethyl acetate  
Concen: 50.772 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 43 Resp: 289331  
Ion Ratio Lower Upper  
43 100  
70 47.7 42.5 63.7  
55 27.4 23.1 34.7  
61 26.4 22.8 34.2

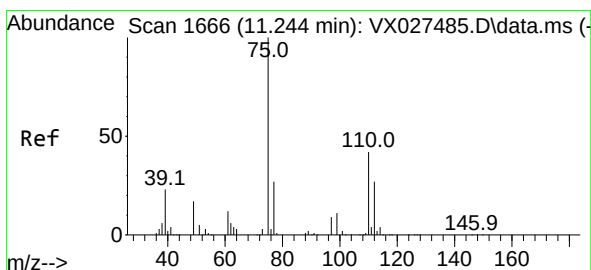
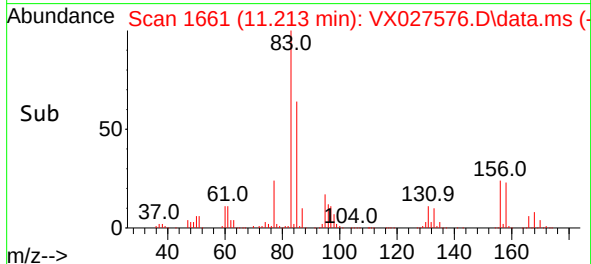
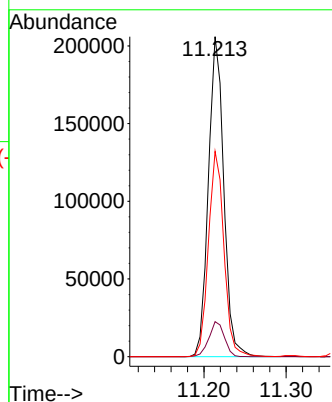
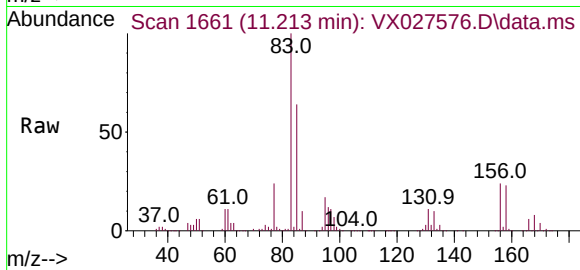




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.555 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

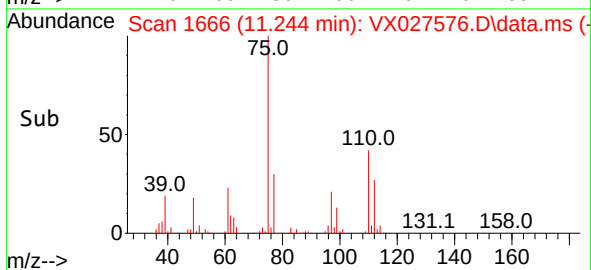
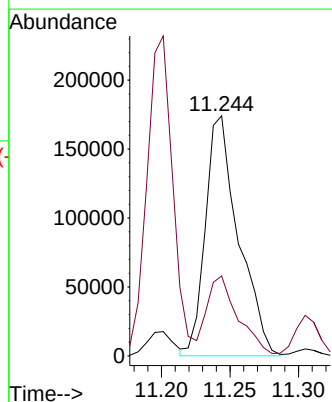
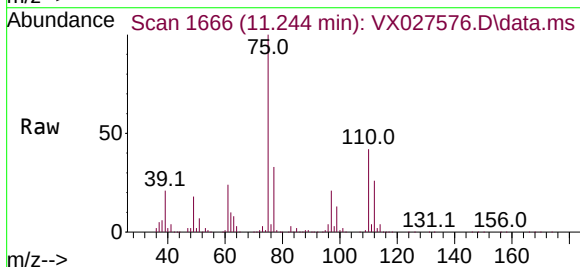
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

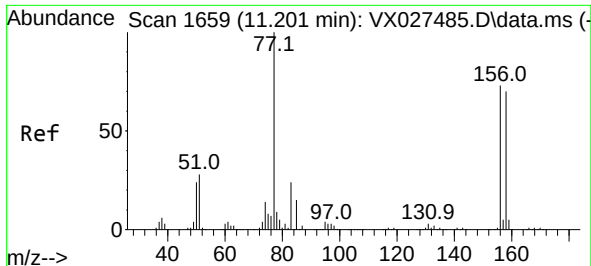
Tgt Ion: 83 Resp: 267549  
 Ion Ratio Lower Upper  
 83 100  
 131 11.1 5.1 15.3  
 85 64.7 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 63.446 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

Tgt Ion: 75 Resp: 292812  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 19.4 58.2

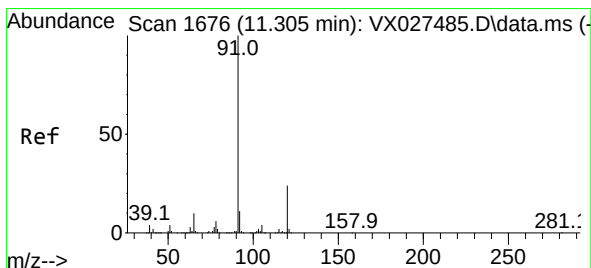
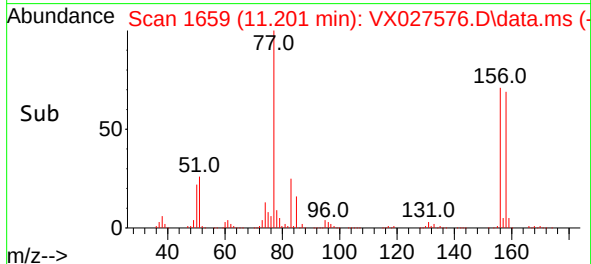
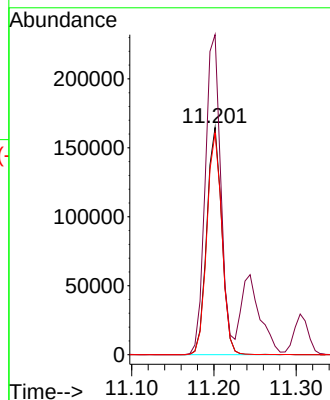
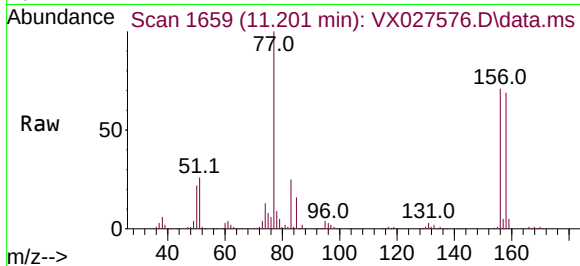




#77  
Bromobenzene  
Concen: 51.592 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

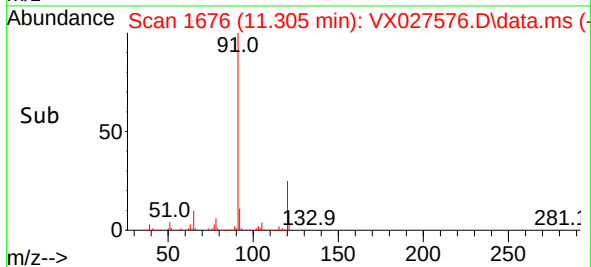
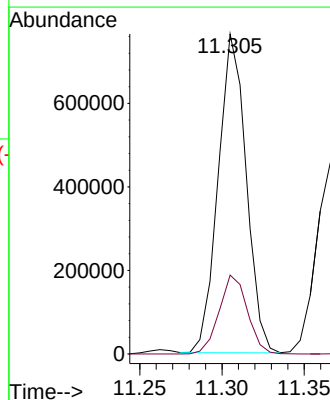
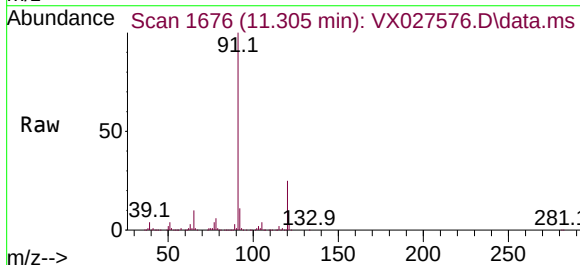
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

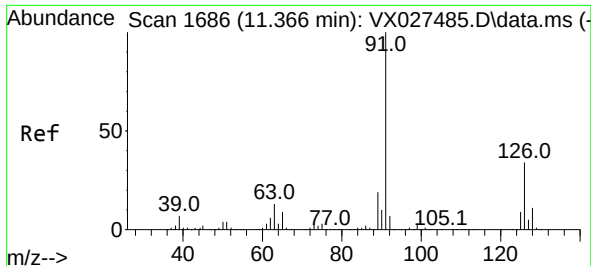
Tgt Ion:156 Resp: 208996  
Ion Ratio Lower Upper  
156 100  
77 146.5 78.5 235.3  
158 97.6 50.2 150.7



#78  
n-propylbenzene  
Concen: 51.346 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 91 Resp: 905859  
Ion Ratio Lower Upper  
91 100  
120 24.9 11.6 34.8

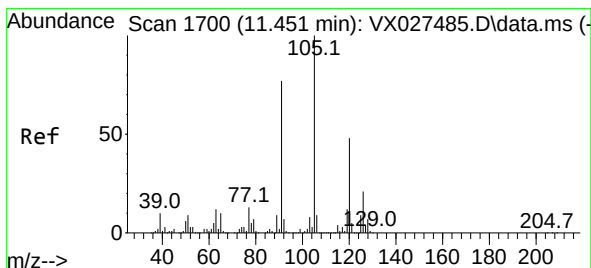
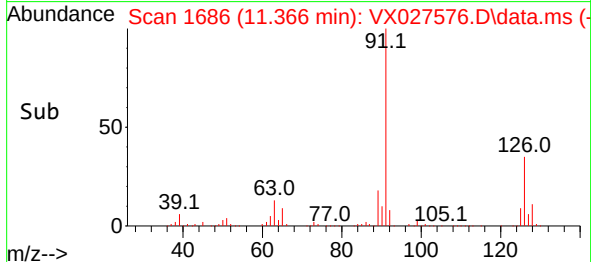
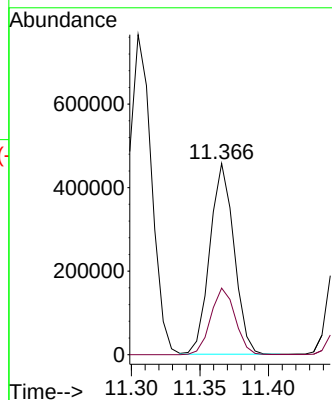
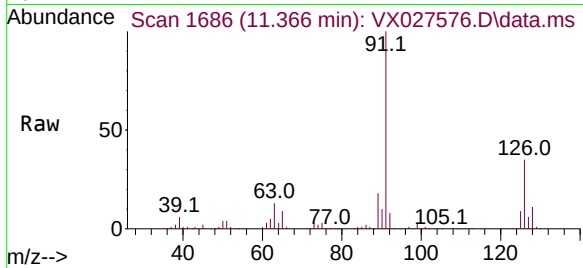




#79  
2-Chlorotoluene  
Concen: 50.670 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

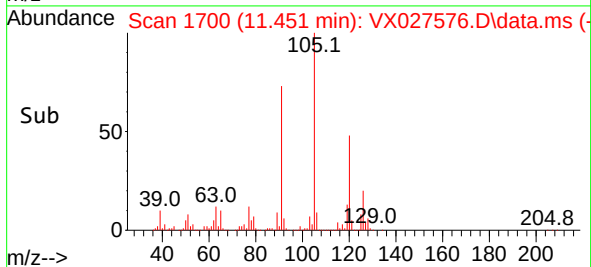
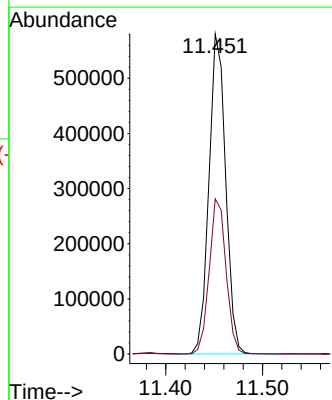
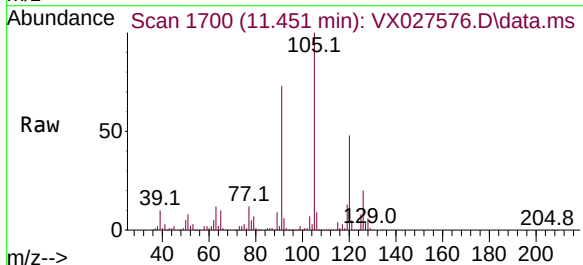
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

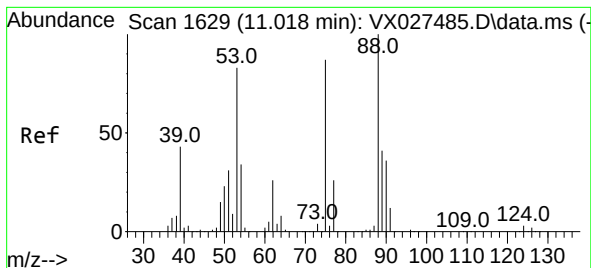
Tgt Ion: 91 Resp: 560765  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 51.594 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 105 Resp: 697883  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.3 72.9

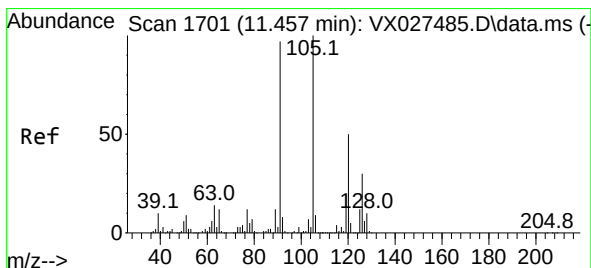
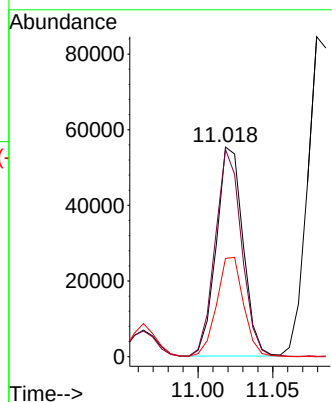
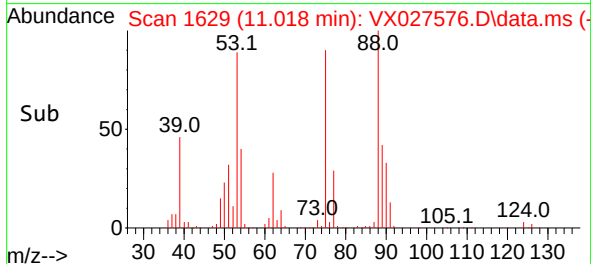
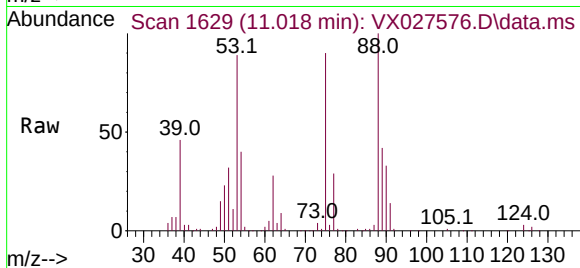




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.321 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

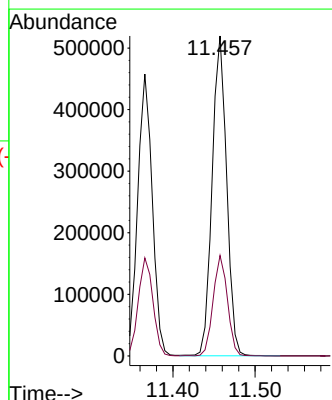
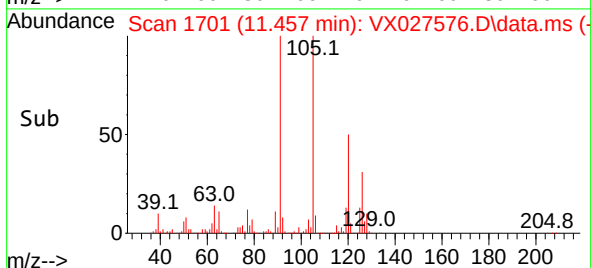
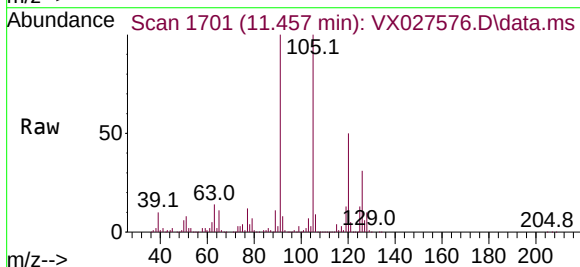
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

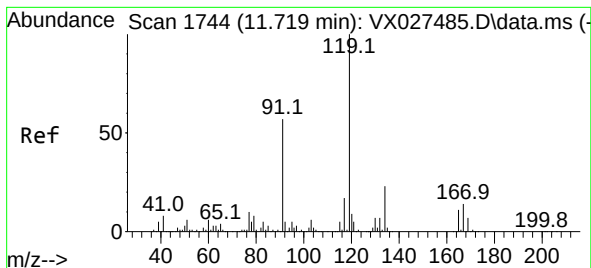
Tgt Ion: 75 Resp: 68871  
Ion Ratio Lower Upper  
75 100  
53 97.5 69.0 103.4  
89 47.8 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 50.546 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 91 Resp: 636913  
Ion Ratio Lower Upper  
91 100  
126 31.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 51.684 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

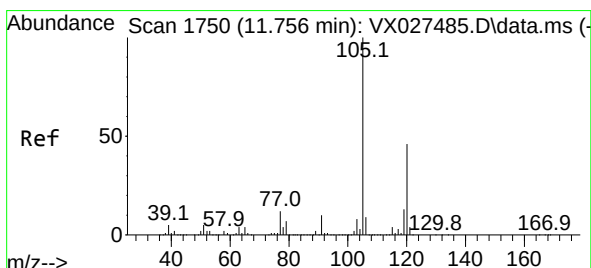
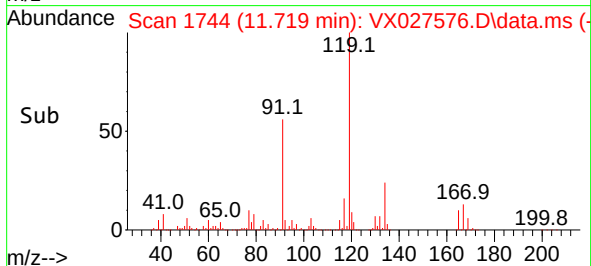
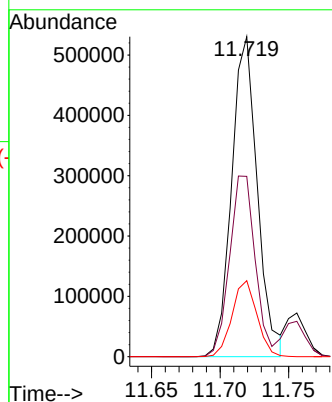
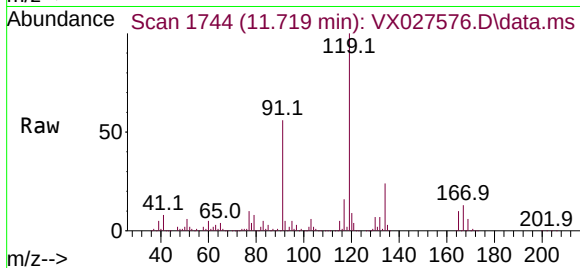
Tgt Ion:119 Resp: 692553

Ion Ratio Lower Upper

119 100

91 56.4 26.9 80.6

134 23.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 51.828 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX027576.D

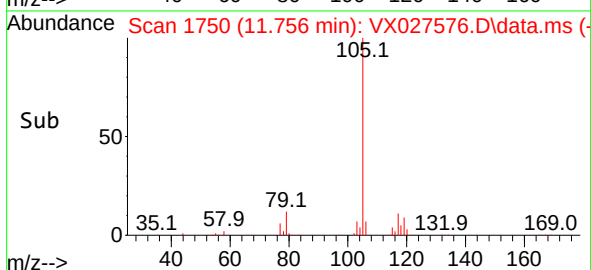
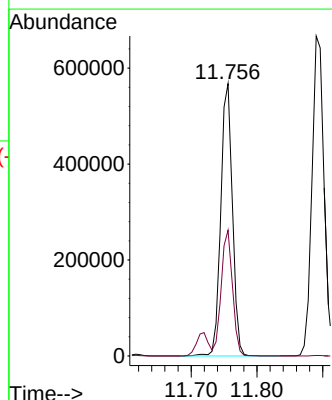
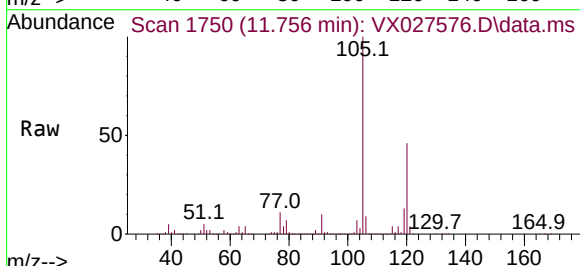
Acq: 19 Mar 2022 21:28

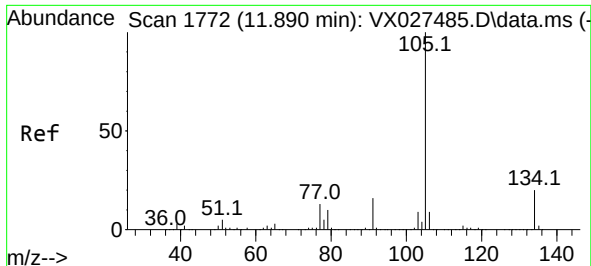
Tgt Ion:105 Resp: 699144

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8

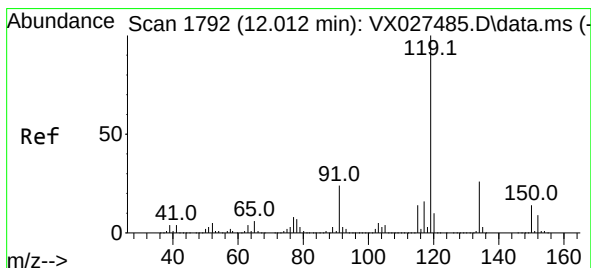
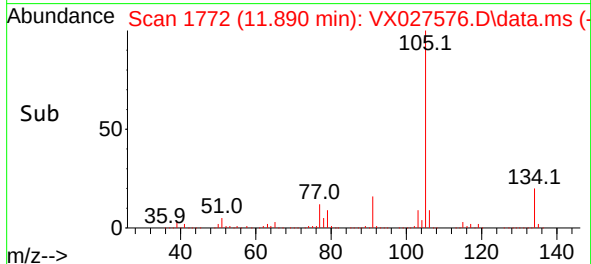
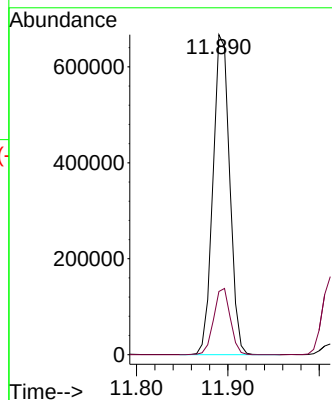
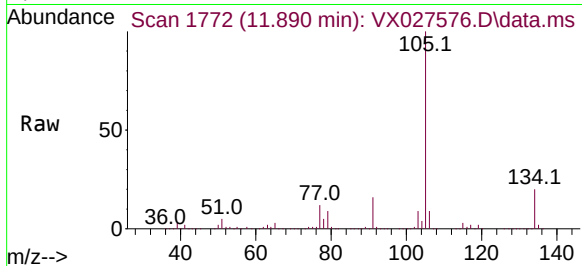




#85  
 sec-Butylbenzene  
 Concen: 52.216 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

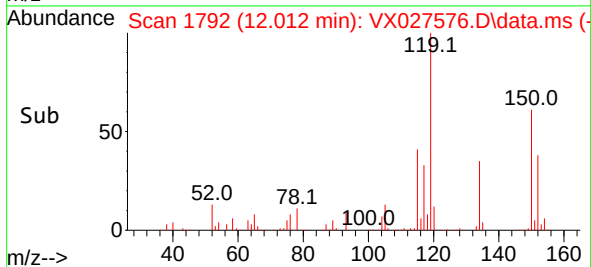
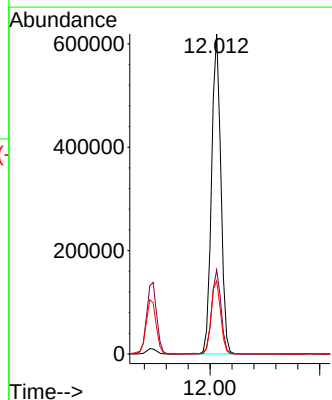
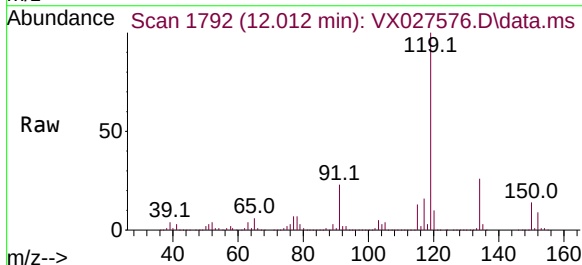
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

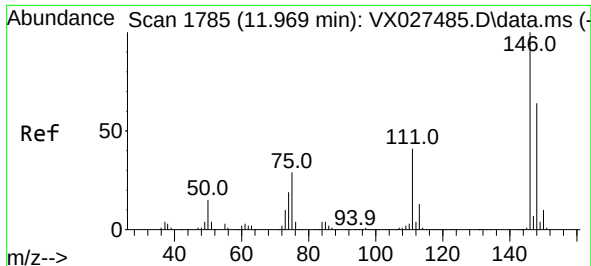
Tgt Ion:105 Resp: 845533  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 52.064 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX027576.D  
 Acq: 19 Mar 2022 21:28

Tgt Ion:119 Resp: 724131  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.0 39.0  
 91 23.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.695 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

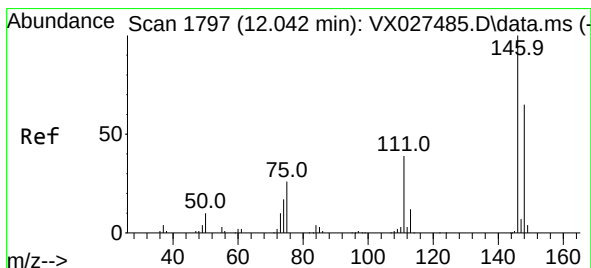
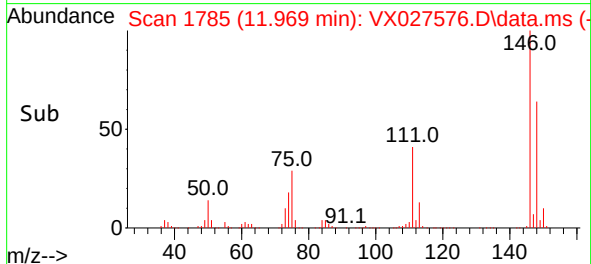
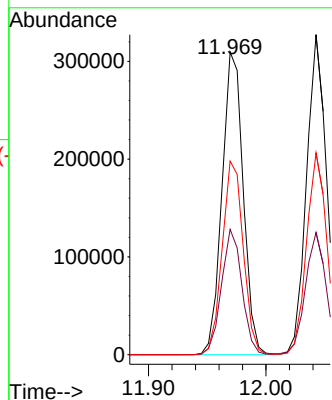
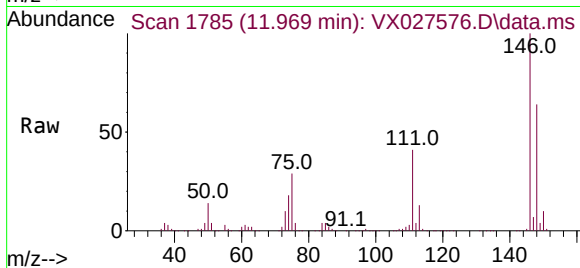
Tgt Ion:146 Resp: 388000

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.6 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 51.106 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

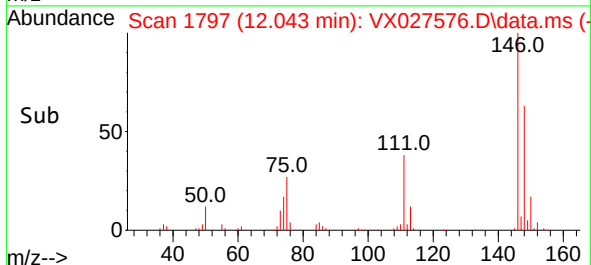
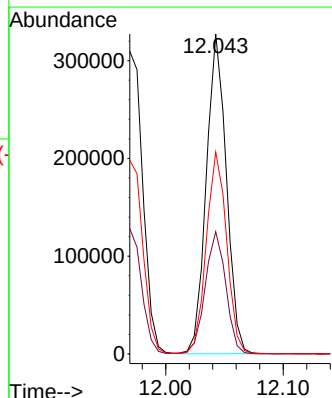
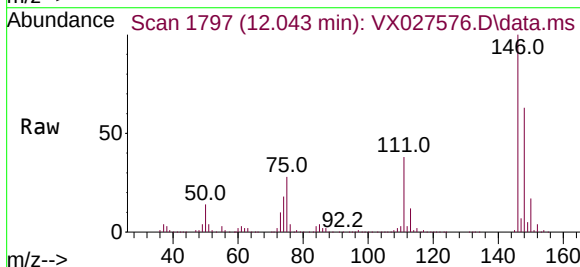
Tgt Ion:146 Resp: 388123

Ion Ratio Lower Upper

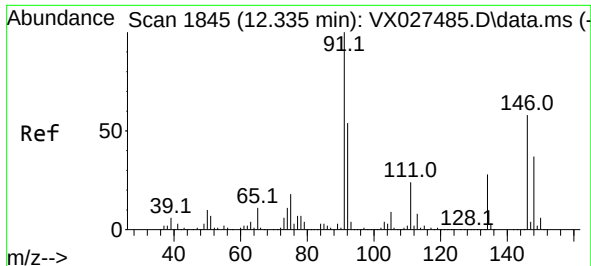
146 100

111 39.3 19.2 57.6

148 64.0 32.3 96.9







#89

n-Butylbenzene

Concen: 50.063 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

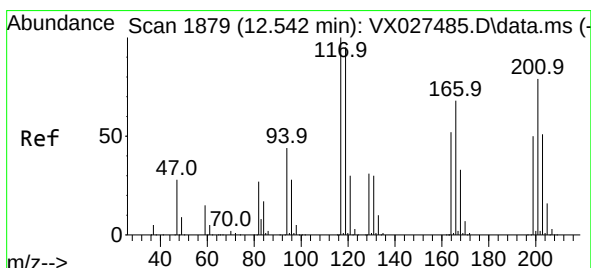
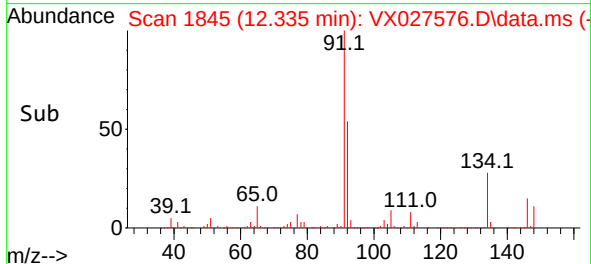
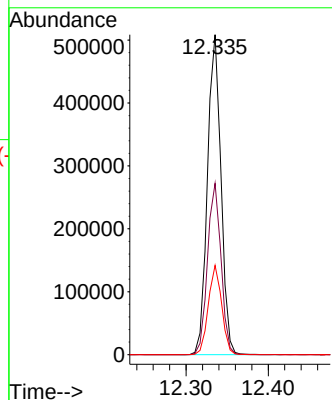
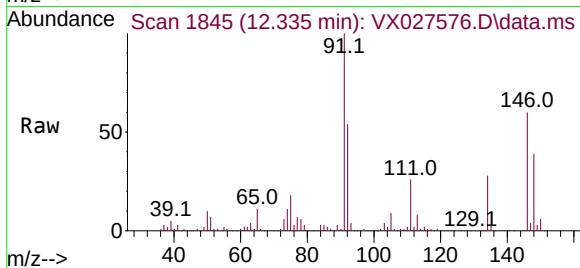
Tgt Ion: 91 Resp: 581084

Ion Ratio Lower Upper

91 100

92 53.4 27.8 83.3

134 27.6 13.3 39.8



#90

Hexachloroethane

Concen: 49.953 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX027576.D

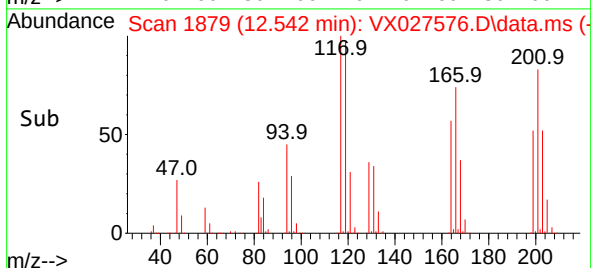
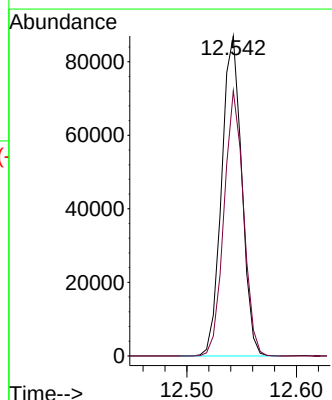
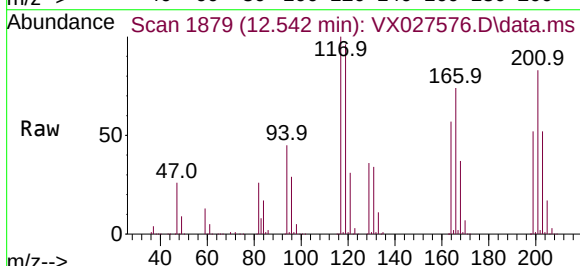
Acq: 19 Mar 2022 21:28

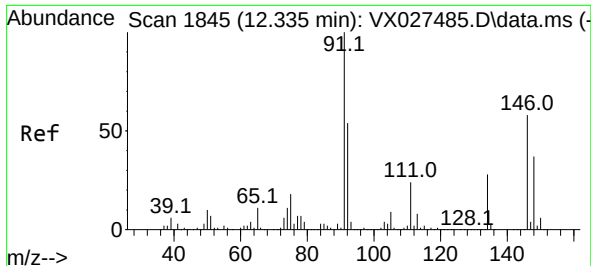
Tgt Ion: 117 Resp: 110799

Ion Ratio Lower Upper

117 100

201 80.3 39.5 118.5

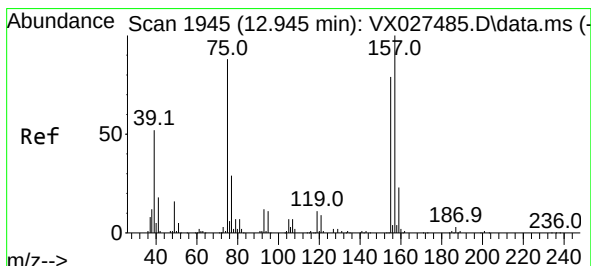
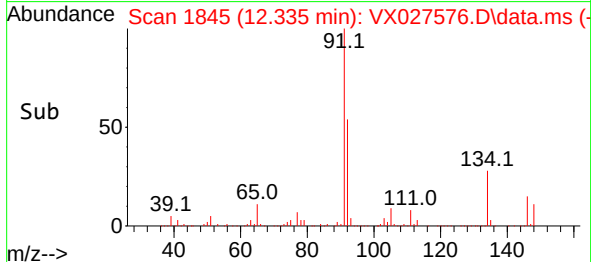
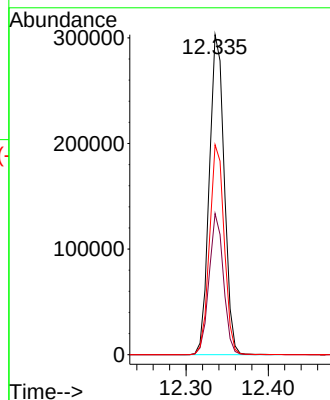
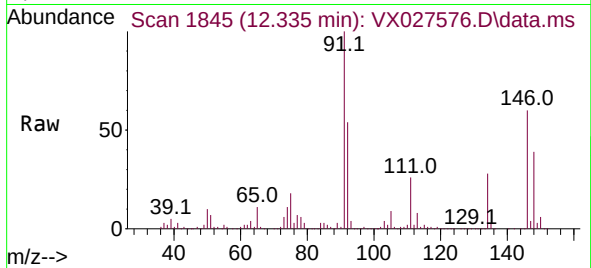




#91  
1,2-Dichlorobenzene  
Concen: 52.181 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

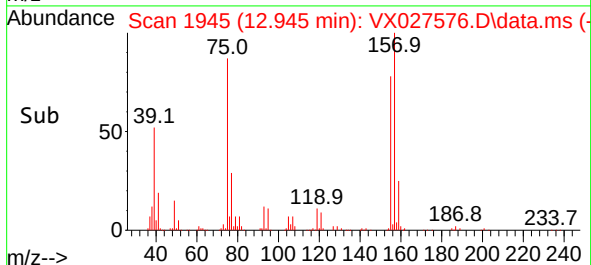
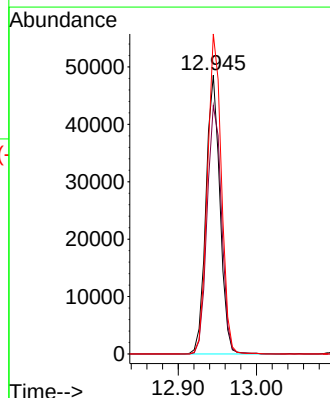
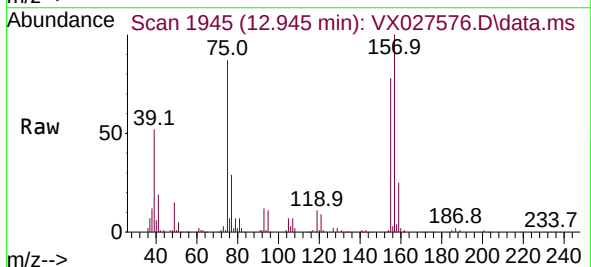
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

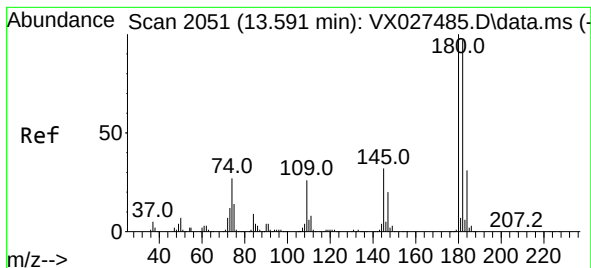
Tgt Ion:146 Resp: 382412  
Ion Ratio Lower Upper  
146 100  
111 42.3 21.0 63.0  
148 64.7 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.441 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX027576.D  
Acq: 19 Mar 2022 21:28

Tgt Ion: 75 Resp: 60062  
Ion Ratio Lower Upper  
75 100  
155 91.9 47.0 141.2  
157 114.4 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 50.786 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

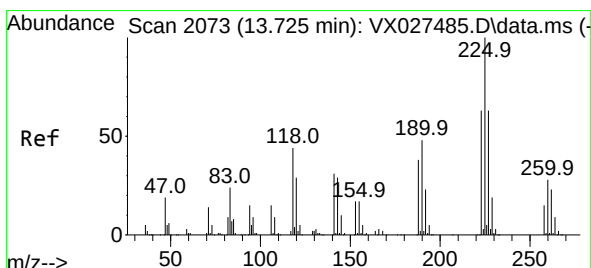
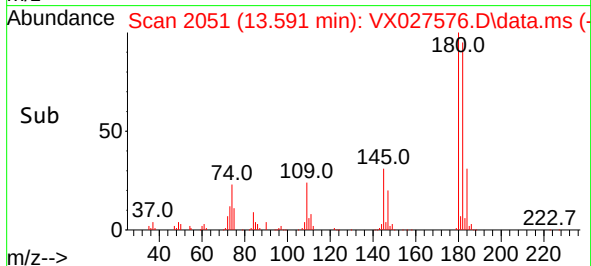
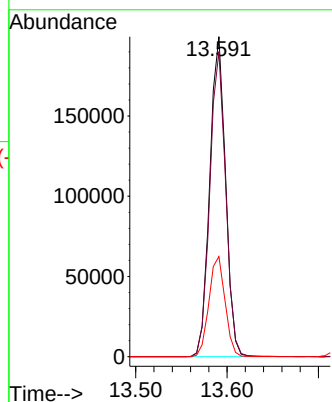
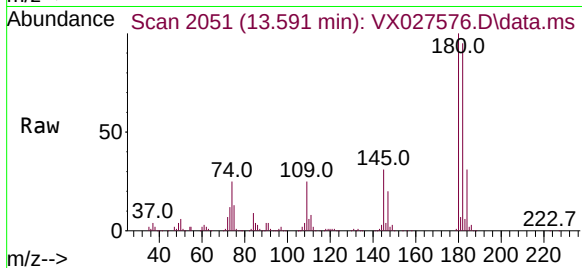
Tgt Ion:180 Resp: 238556

Ion Ratio Lower Upper

180 100

182 95.8 47.7 143.1

145 32.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 49.060 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

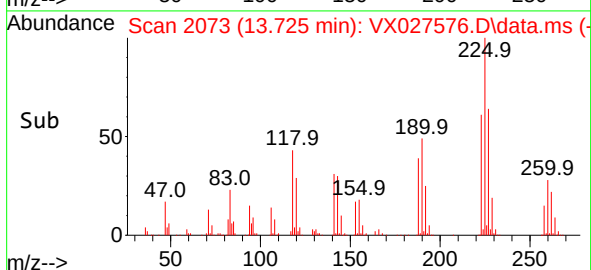
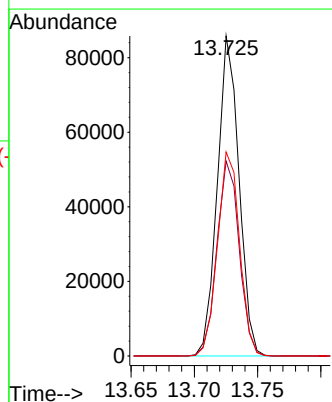
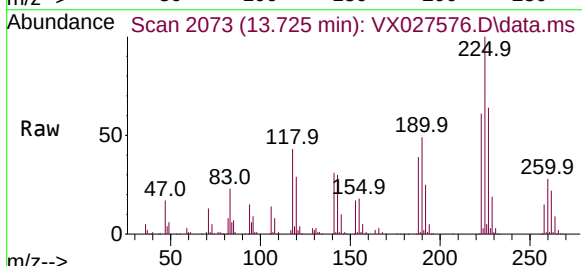
Tgt Ion:225 Resp: 101798

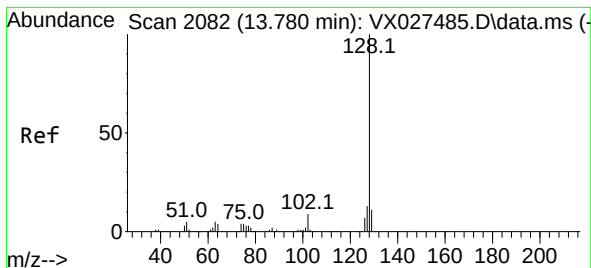
Ion Ratio Lower Upper

225 100

223 62.8 34.2 102.5

227 65.1 33.9 101.7





#95

Naphthalene

Concen: 54.601 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

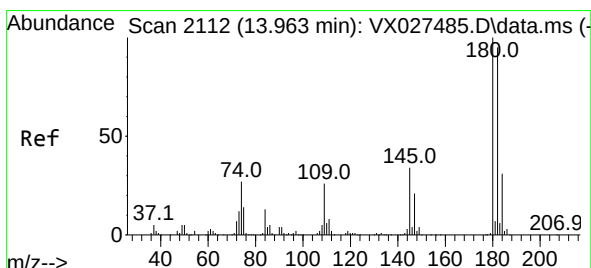
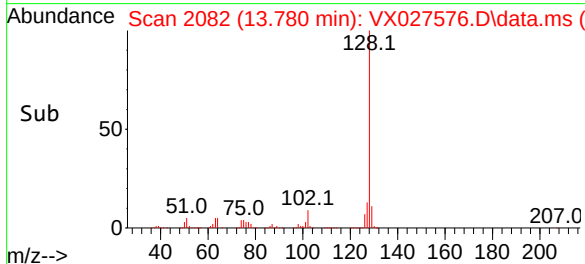
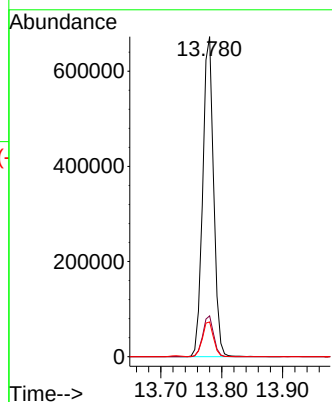
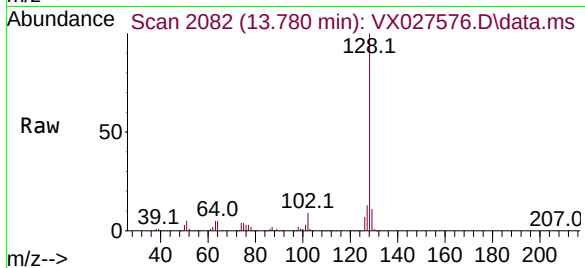
Tgt Ion:128 Resp: 834928

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.121 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX027576.D

Acq: 19 Mar 2022 21:28

Tgt Ion:180 Resp: 242907

Ion Ratio Lower Upper

180 100

182 94.9 50.0 149.8

145 33.7 16.2 48.5

