

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021822\  
 Data File : VX027098.D  
 Acq On : 18 Feb 2022 00:17  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX021822

Quant Time: Feb 18 05:15:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X021822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Feb 18 05:14:00 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 4.910  | 128   | 14964    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114   | 82882    | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 72091    | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 32649    | 30.175   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 100.567% |          |
| 60) 4-Bromofluorobenzene     | 11.086 | 95    | 34017    | 29.017   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 96.733%  |          |
| 63) Toluene-d8               | 8.653  | 98    | 97454    | 30.151   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 100.500% |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 15407    | 17.932   | ug/l       | 96       |
| 3) Chloromethane             | 1.295  | 50    | 14727    | 18.046   | ug/l       | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 14626    | 17.964   | ug/l       | 100      |
| 5) Bromomethane              | 1.605  | 94    | 9874     | 24.827   | ug/l       | 93       |
| 6) Chloroethane              | 1.691  | 64    | 8665     | 17.838   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 22667    | 17.861   | ug/l       | 94       |
| 8) Diethyl Ether             | 2.136  | 74    | 7907     | 17.327   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 15583    | 17.635   | ug/l       | 98       |
| 10) 1,1-Dichloroethene       | 2.325  | 96    | 15794    | 18.199   | ug/l       | 94       |
| 11) Methyl Iodide            | 2.459  | 142   | 16562    | 14.439   | ug/l       | 99       |
| 12) Methyl Acetate           | 2.709  | 43    | 23159    | 18.092   | ug/l       | 94       |
| 13) Acrolein                 | 2.240  | 56    | 18458    | 88.466   | ug/l       | 100      |
| 14) Acrylonitrile            | 3.069  | 53    | 51065    | 91.077   | ug/l       | 100      |
| 15) Acetone                  | 2.380  | 58    | 13624    | 90.564   | ug/l       | 97       |
| 16) Carbon Disulfide         | 2.514  | 76    | 40760    | 17.922   | ug/l       | 98       |
| 17) Allyl chloride           | 2.666  | 41    | 27294    | 17.517   | ug/l       | 98       |
| 18) Methylene Chloride       | 2.794  | 84    | 17419    | 17.801   | ug/l       | 92       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 17027    | 17.995   | ug/l       | 94       |
| 20) Diisopropyl ether        | 3.764  | 45    | 56612    | 18.371   | ug/l #     | 87       |
| 21) 1,1-Dichloroethane       | 3.617  | 63    | 30419    | 17.732   | ug/l       | 97       |
| 22) cis-1,2-Dichloroethene   | 4.495  | 96    | 19662    | 18.067   | ug/l       | 97       |
| 23) tert-Butyl Alcohol       | 2.959  | 59    | 20225    | 92.155   | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117  | 73    | 53883    | 17.678   | ug/l       | 99       |
| 25) Chloroform               | 5.099  | 83    | 31284    | 17.789   | ug/l       | 92       |
| 26) Cyclohexane              | 5.477  | 56    | 28623    | 17.994   | ug/l #     | 99       |
| 29) 1,1-Dichloropropene      | 5.702  | 75    | 23113    | 17.551   | ug/l       | 99       |
| 30) 2-Butanone               | 4.562  | 43    | 72576    | 91.779   | ug/l       | 99       |
| 31) 2,2-Dichloropropane      | 4.483  | 77    | 18716    | 16.136   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 27016    | 17.308   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 5.684  | 117   | 23808    | 17.413   | ug/l       | 99       |
| 34) Benzene                  | 6.044  | 78    | 69476    | 17.958   | ug/l       | 100      |
| 35) Methacrylonitrile        | 4.928  | 41    | 14806    | 18.097   | ug/l       | 92       |
| 36) 1,2-Dichloroethane       | 6.092  | 62    | 24507    | 17.608   | ug/l       | 99       |
| 37) Trichloroethene          | 7.129  | 130   | 19825    | 17.437   | ug/l       | 96       |
| 38) Methylcyclohexane        | 7.385  | 83    | 28383    | 17.494   | ug/l       | 99       |
| 39) 1,2-Dichloropropane      | 7.434  | 63    | 17165    | 17.608   | ug/l       | 100      |
| 40) Dibromomethane           | 7.586  | 93    | 12120    | 17.355   | ug/l       | 98       |
| 41) Bromodichloromethane     | 7.824  | 83    | 23092    | 17.514   | ug/l       | 97       |
| 42) Vinyl Acetate            | 3.727  | 43    | 241104   | 89.802   | ug/l       | 100      |

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 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

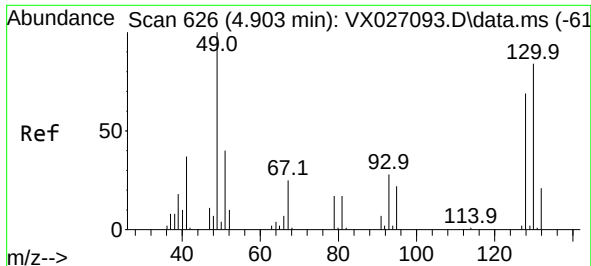
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX021822

Quant Time: Feb 18 05:15:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X021822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Feb 18 05:14:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.721  | 43   | 26532    | 17.544  | ug/l  | 100      |
| 44) Isopropyl Acetate         | 6.349  | 43   | 42311    | 18.092  | ug/l  | 99       |
| 45) 1,4-Dioxane               | 7.665  | 88   | 8796     | 368.130 | ug/l  | 98       |
| 46) Methyl methacrylate       | 7.696  | 41   | 20438    | 17.834  | ug/l  | 99       |
| 47) n-amyl Acetate            | 10.848 | 43   | 31741    | 17.101  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 22257    | 16.974  | ug/l  | 100      |
| 49) cis-1,3-Dichloropropene   | 8.373  | 75   | 25463    | 17.144  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 17469    | 18.155  | ug/l  | 98       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 26813    | 17.514  | ug/l  | 94       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 29170    | 17.713  | ug/l  | 97       |
| 53) Dibromochloromethane      | 9.525  | 129  | 17170    | 17.220  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 17912    | 17.464  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.245  | 63   | 69143    | 92.536  | ug/l  | 100      |
| 56) Bromoform                 | 10.799 | 173  | 11386    | 16.408  | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 136042   | 91.745  | ug/l  | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 102021   | 90.575  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 20205    | 17.365  | ug/l  | 94       |
| 62) Toluene                   | 8.720  | 91   | 72559    | 17.774  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.080 | 112  | 44716    | 17.694  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 16686    | 17.839  | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 79422    | 17.666  | ug/l  | 100      |
| 67) m/p-Xylenes               | 10.305 | 106  | 61737    | 35.550  | ug/l  | 99       |
| 68) o-Xylene                  | 10.647 | 106  | 29379    | 17.231  | ug/l  | 93       |
| 69) Styrene                   | 10.659 | 104  | 49351    | 17.474  | ug/l  | 100      |
| 70) Isopropylbenzene          | 10.964 | 105  | 78134    | 17.668  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 23348    | 17.932  | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane    | 11.244 | 75   | 27319    | 21.033  | ug/l  | 89       |
| 73) Bromobenzene              | 11.201 | 156  | 18659    | 17.219  | ug/l  | 98       |
| 74) n-propylbenzene           | 11.305 | 91   | 88183    | 17.451  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 54360    | 17.384  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 65012    | 17.569  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 5768     | 15.308  | ug/l  | 97       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 60586    | 17.337  | ug/l  | 100      |
| 79) tert-butylbenzene         | 11.720 | 119  | 62498    | 17.687  | ug/l  | 97       |
| 80) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 64065    | 17.340  | ug/l  | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 78173    | 17.277  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 65756    | 17.292  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 34363    | 17.071  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 34549    | 17.096  | ug/l  | 100      |
| 85) n-Butylbenzene            | 12.335 | 91   | 51693    | 16.374  | ug/l  | 100      |
| 86) Hexachloroethane          | 12.543 | 117  | 9801     | 16.239  | ug/l  | 97       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 34481    | 17.639  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 5396     | 16.943  | ug/l  | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 20453    | 16.628  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 8670     | 16.832  | ug/l  | 97       |
| 91) Naphthalene               | 13.780 | 128  | 73525    | 17.002  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 21022    | 16.891  | ug/l  | 99       |

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

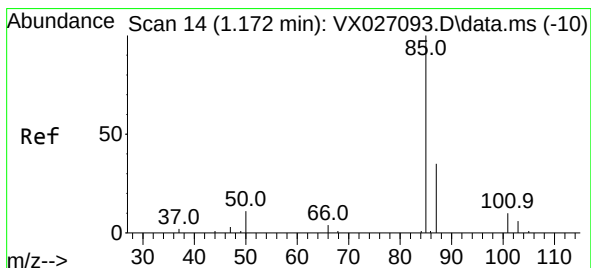
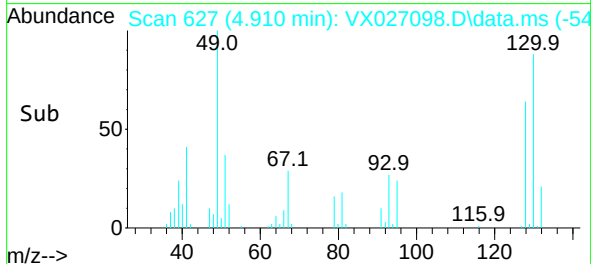
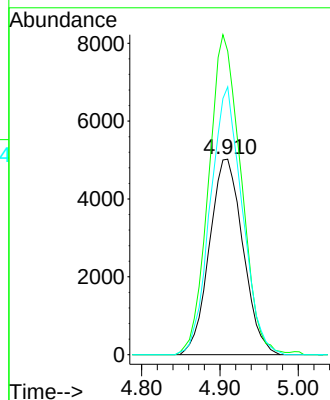
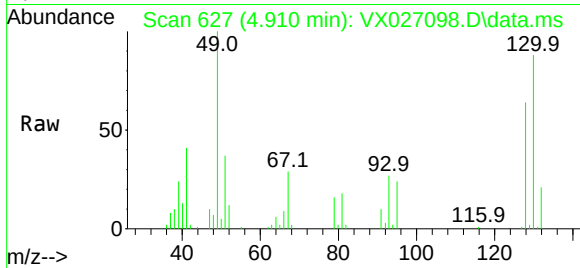




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

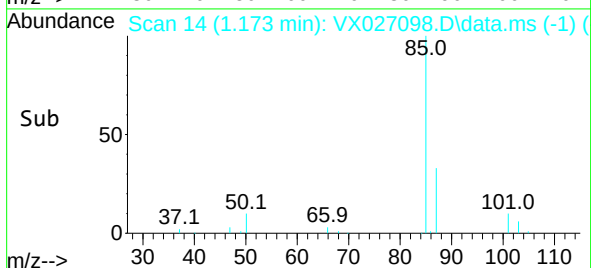
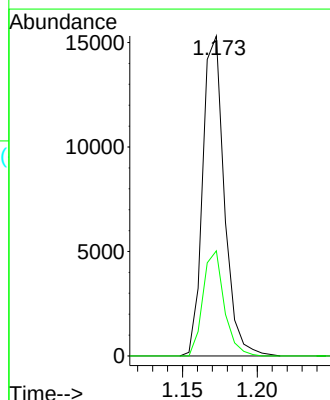
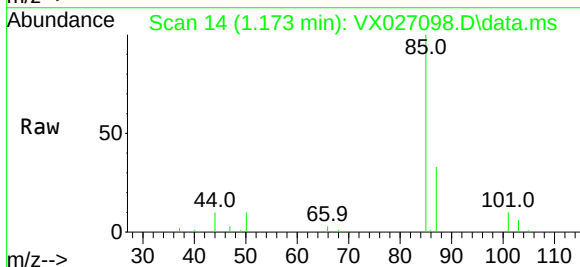
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

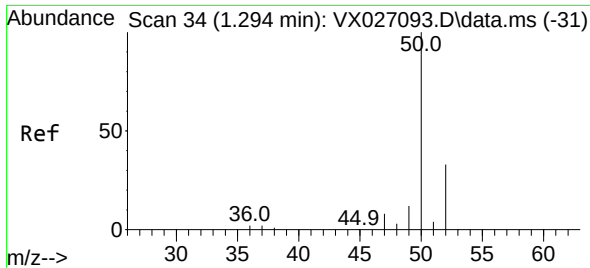
Tgt Ion:128 Resp: 14964  
Ion Ratio Lower Upper  
128 100  
49 157.7 0.0 387.0  
130 130.6 0.0 323.0



#2  
Dichlorodifluoromethane  
Concen: 17.932 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 85 Resp: 15407  
Ion Ratio Lower Upper  
85 100  
87 32.8 17.4 52.3

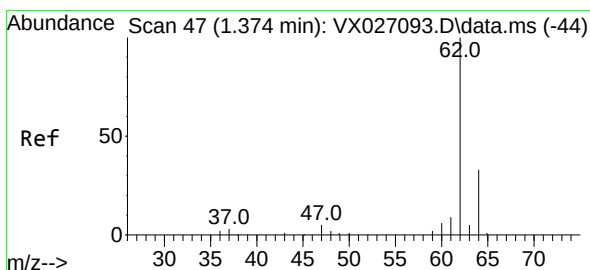
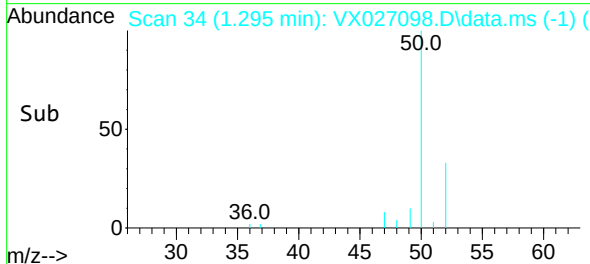
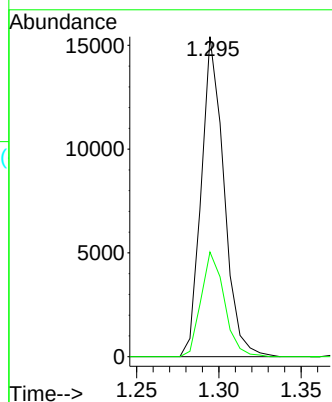
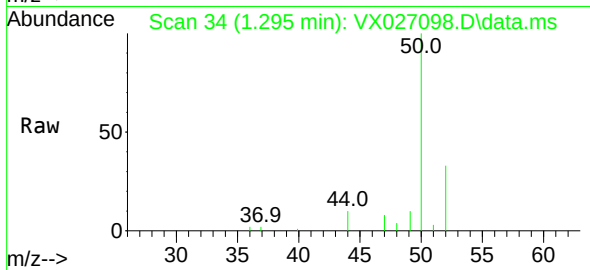




#3  
Chloromethane  
Concen: 18.046 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

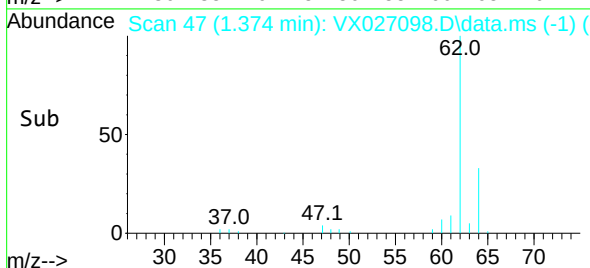
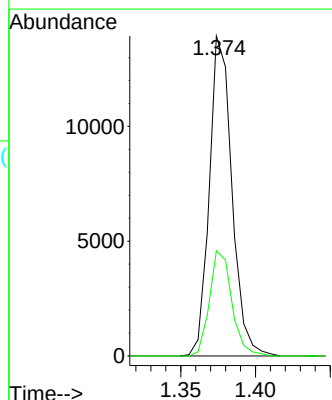
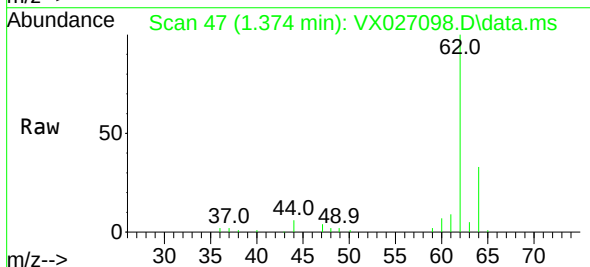
Instrument :  
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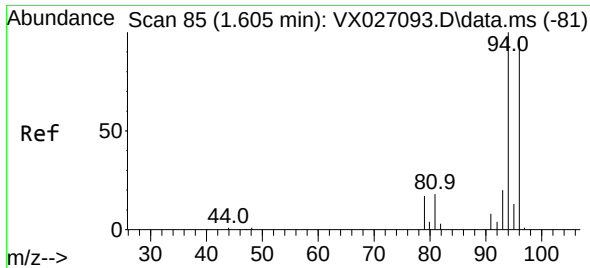
Tgt Ion: 50 Resp: 14727  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.3 39.5



#4  
Vinyl Chloride  
Concen: 17.964 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

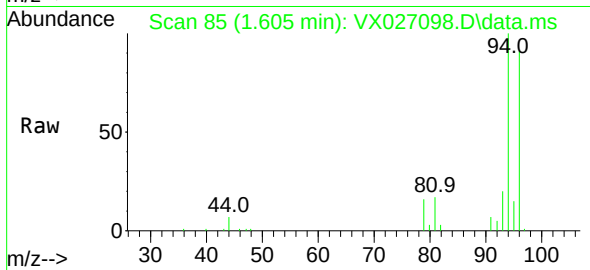
Tgt Ion: 62 Resp: 14626  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.1 39.1



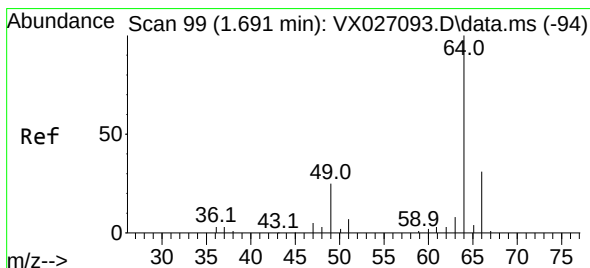
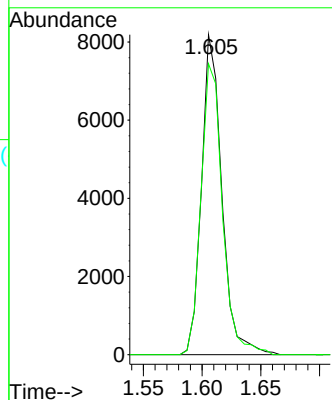
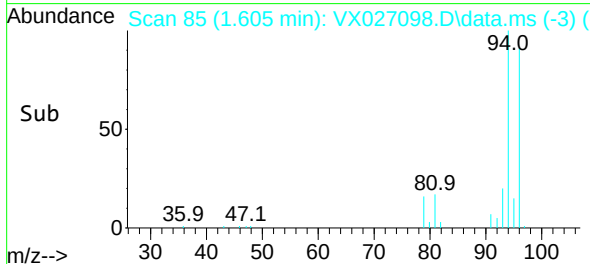


#5  
Bromomethane  
Concen: 24.827 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Instrument :  
MSVOA\_X  
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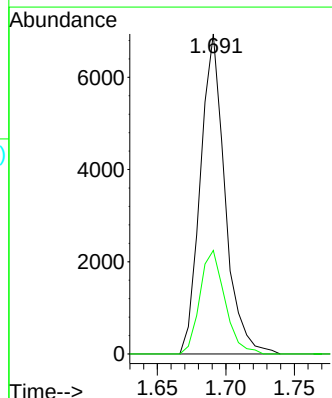
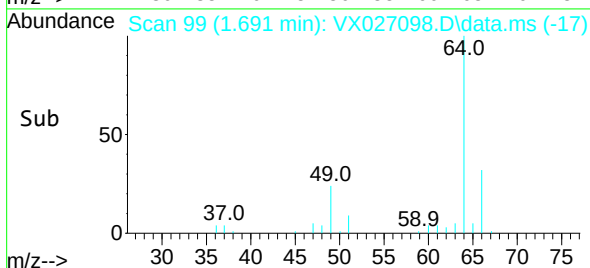
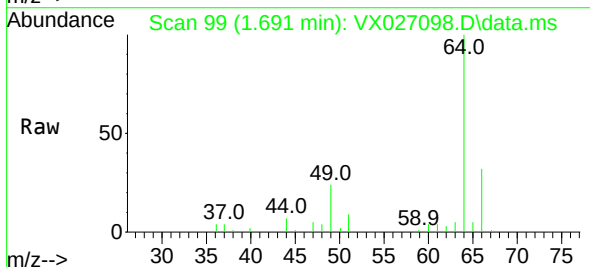


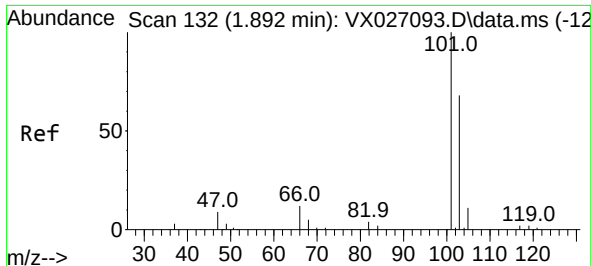
Tgt Ion: 94 Resp: 9874  
Ion Ratio Lower Upper  
94 100  
96 90.9 77.9 116.9



#6  
Chloroethane  
Concen: 17.838 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 64 Resp: 8665  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.5 36.7

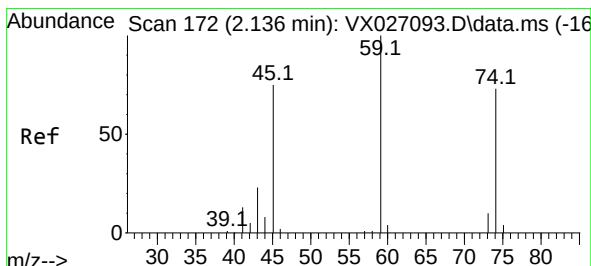
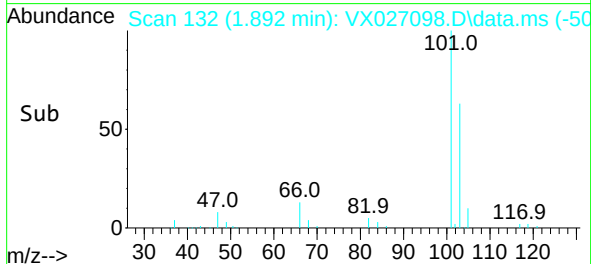
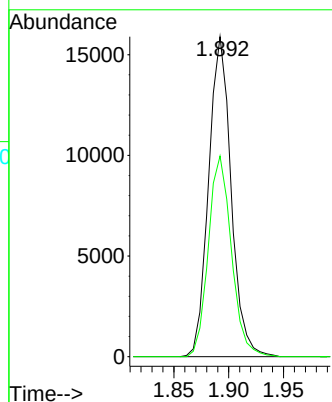
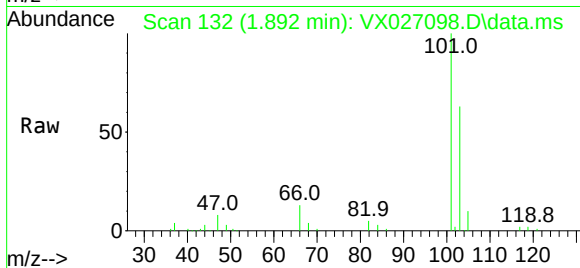




#7  
Trichlorofluoromethane  
Concen: 17.861 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

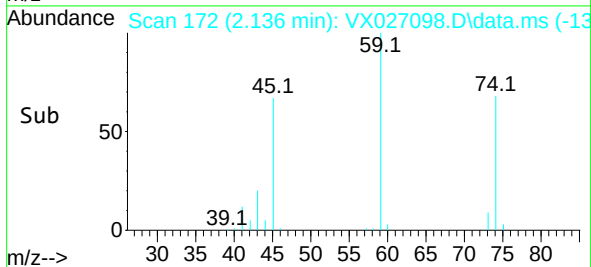
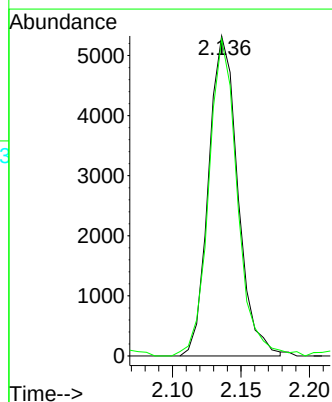
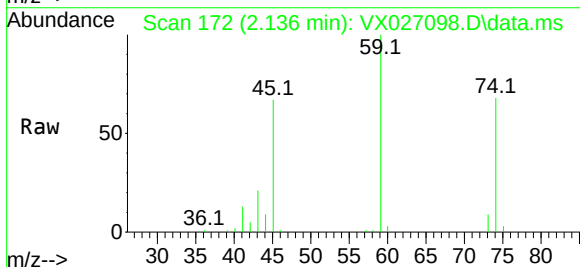
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

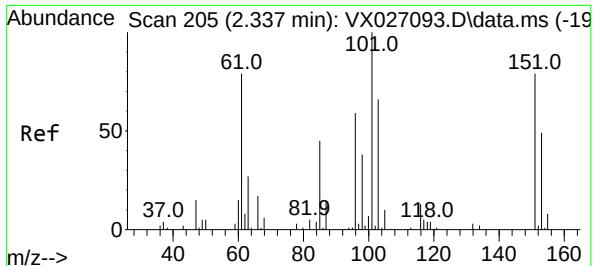
Tgt Ion:101 Resp: 22667  
Ion Ratio Lower Upper  
101 100  
103 62.7 54.3 81.5



#8  
Diethyl Ether  
Concen: 17.327 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 74 Resp: 7907  
Ion Ratio Lower Upper  
74 100  
45 96.9 20.2 181.4

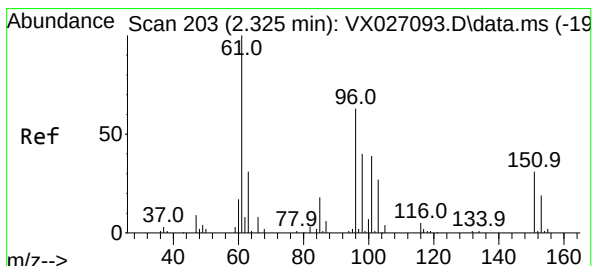
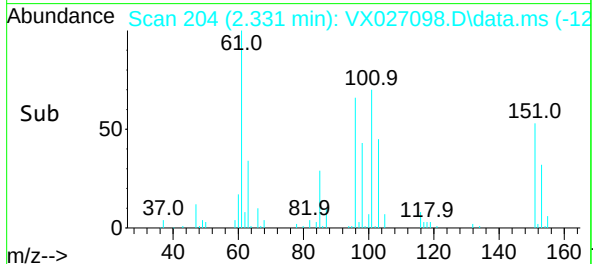
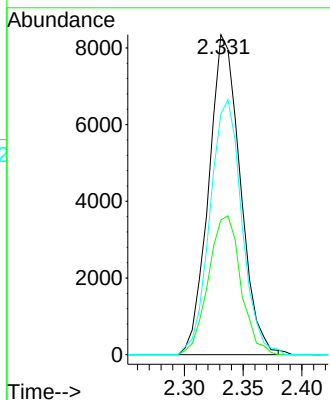
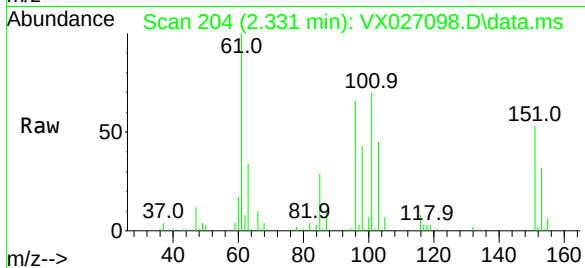




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.635 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

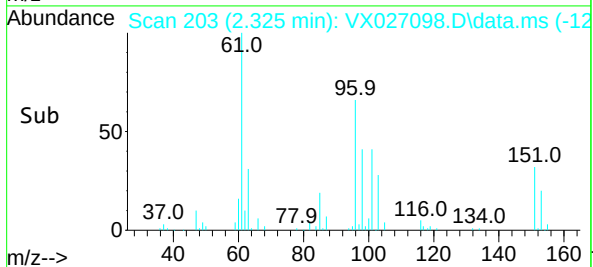
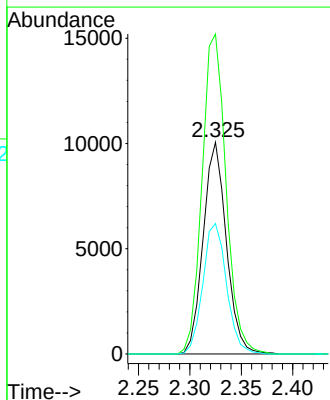
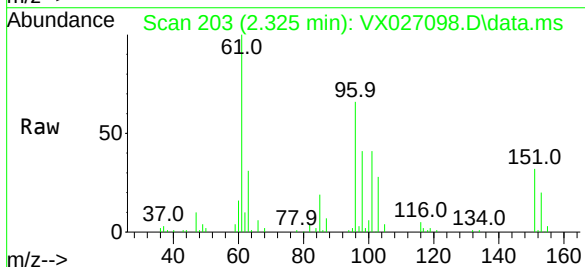
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

Tgt Ion:101 Resp: 15583  
Ion Ratio Lower Upper  
101 100  
85 44.5 0.0 86.6  
151 80.6 0.0 158.0

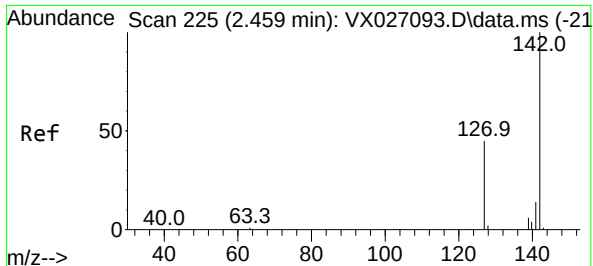


#10  
1,1-Dichloroethene  
Concen: 18.199 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 96 Resp: 15794  
Ion Ratio Lower Upper  
96 100  
61 151.1 127.8 191.6  
98 61.6 51.4 77.0







#11

Methyl Iodide

Concen: 14.439 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027098.D

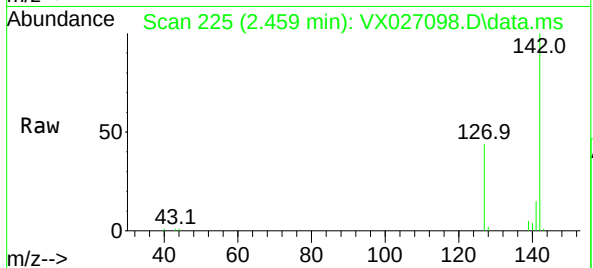
Acq: 18 Feb 2022 00:17

Instrument :

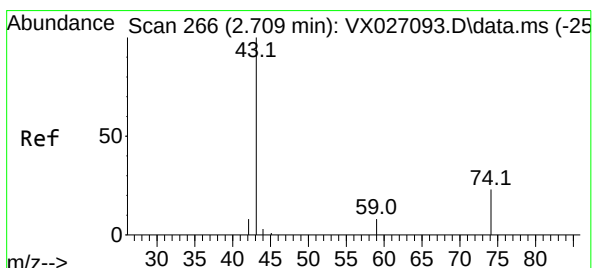
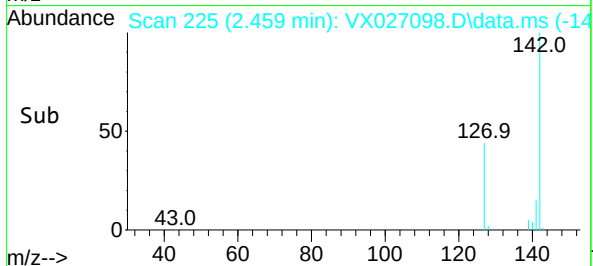
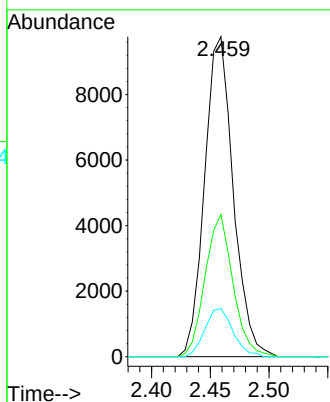
MSVOA\_X

ClientSampleId :

ICVVX021822



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 16562 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.5  | 22.5  | 67.5  |
| 141      | 15.0  | 7.2   | 21.7  |



#12

Methyl Acetate

Concen: 18.092 ug/l

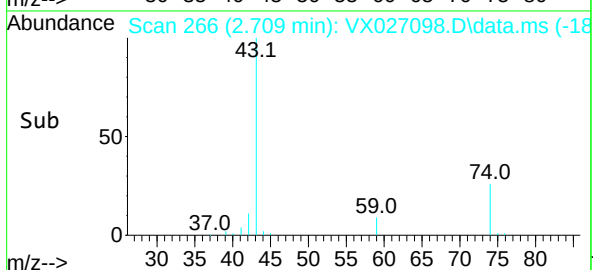
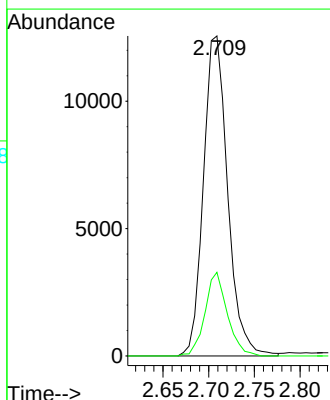
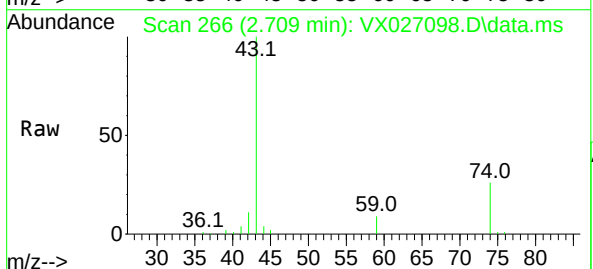
RT: 2.709 min Scan# 266

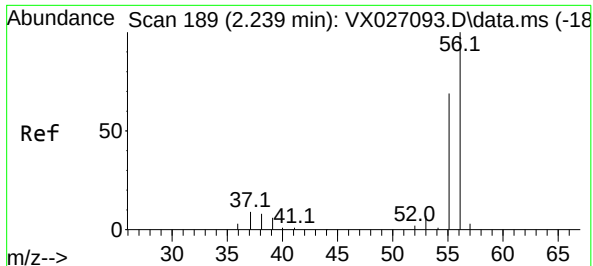
Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 23159 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 74       | 26.3  | 18.6  | 27.8  |

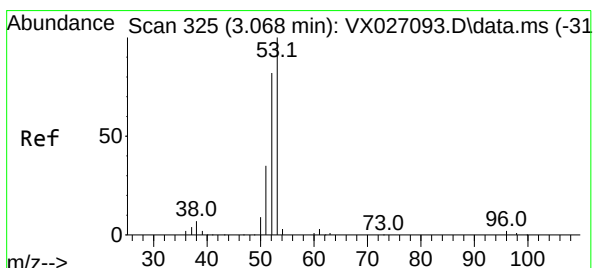
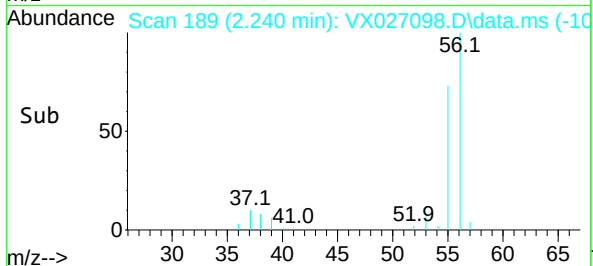
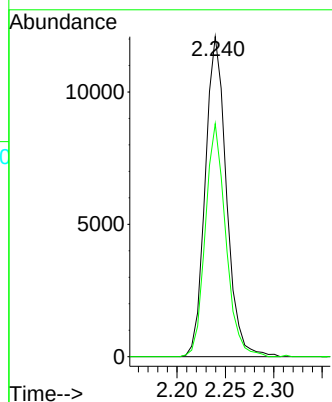
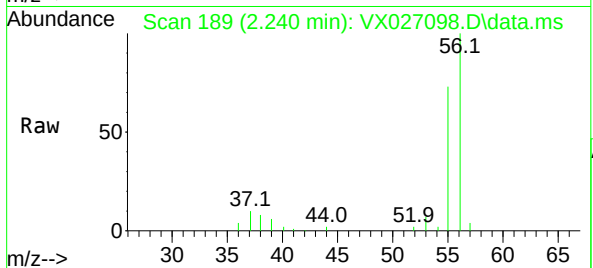




#13  
Acrolein  
Concen: 88.466 ug/l  
RT: 2.240 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

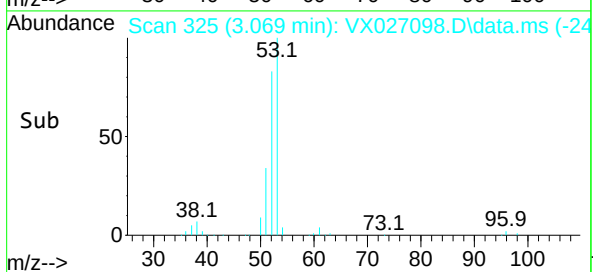
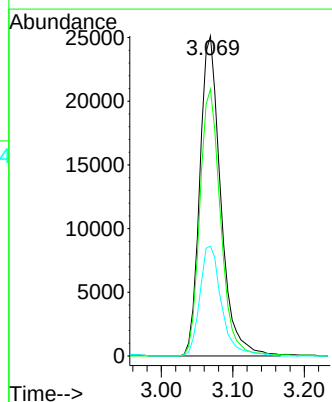
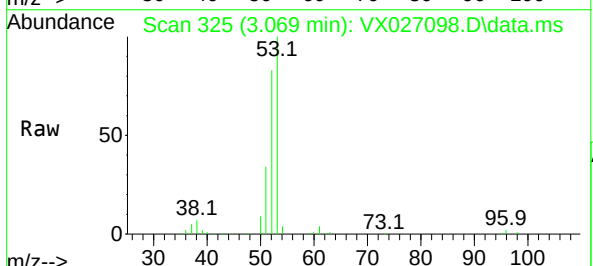
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

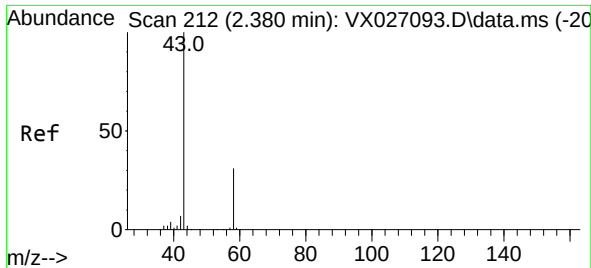
Tgt Ion: 56 Resp: 18458  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.0 84.0



#14  
Acrylonitrile  
Concen: 91.077 ug/l  
RT: 3.069 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 53 Resp: 51065  
Ion Ratio Lower Upper  
53 100  
52 82.2 40.9 122.7  
51 35.5 17.8 53.4





#15

Acetone

Concen: 90.564 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

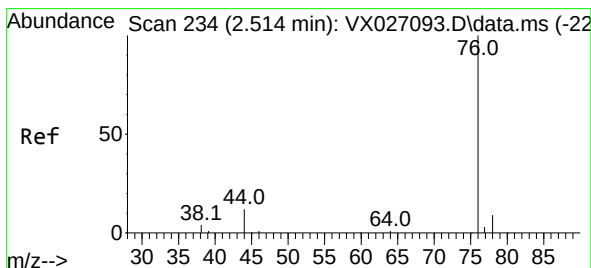
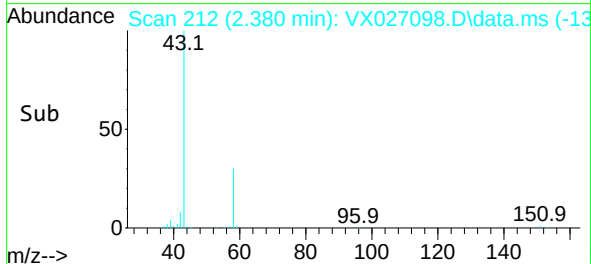
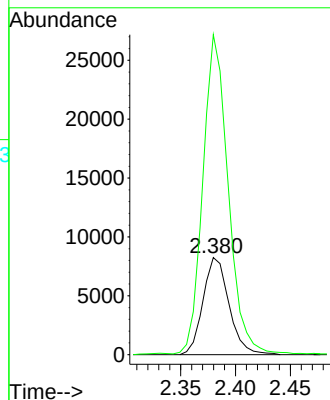
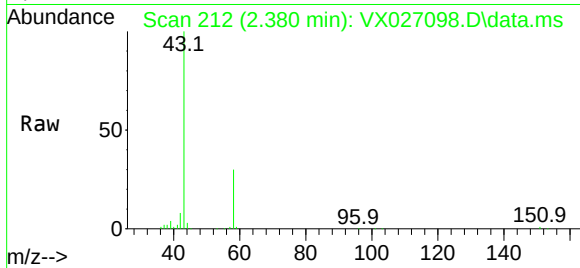
ICVVX021822

Tgt Ion: 58 Resp: 13624

Ion Ratio Lower Upper

58 100

43 327.2 256.9 385.3



#16

Carbon Disulfide

Concen: 17.922 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX027098.D

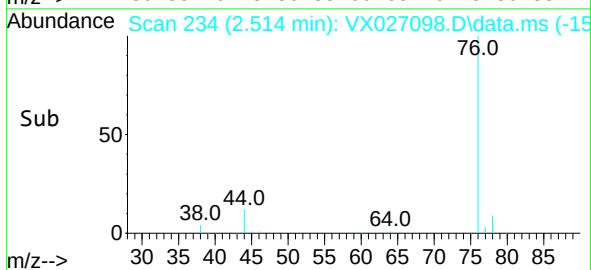
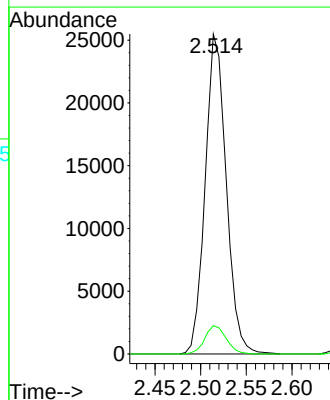
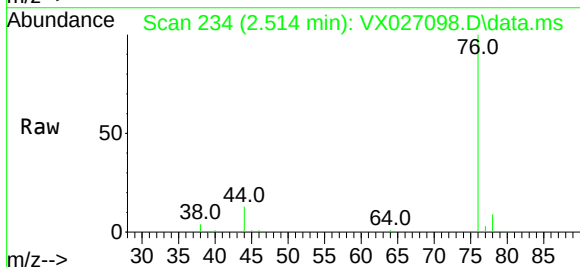
Acq: 18 Feb 2022 00:17

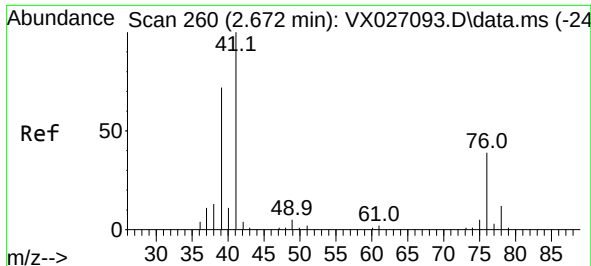
Tgt Ion: 76 Resp: 40760

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#17

Allyl chloride

Concen: 17.517 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

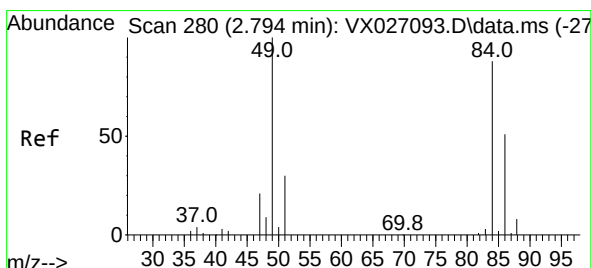
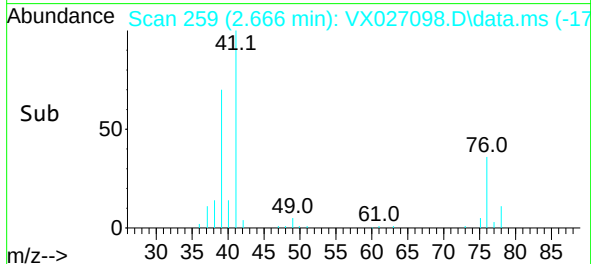
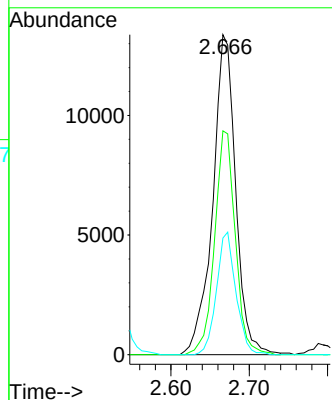
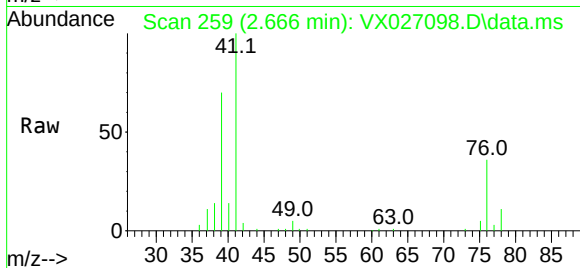
Tgt Ion: 41 Resp: 27294

Ion Ratio Lower Upper

41 100

39 70.0 35.8 107.3

76 36.5 19.3 57.9



#18

Methylene Chloride

Concen: 17.801 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Tgt Ion: 84 Resp: 17419

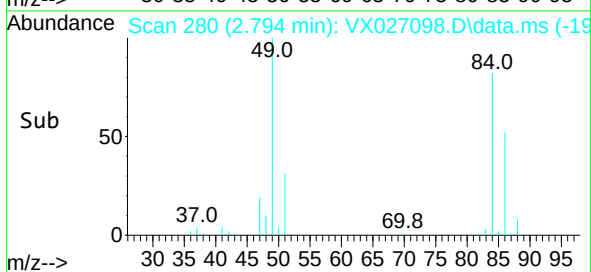
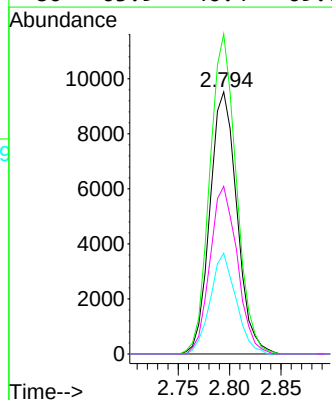
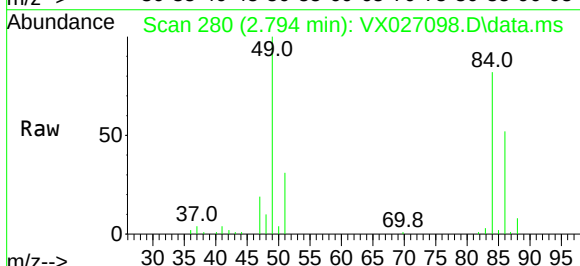
Ion Ratio Lower Upper

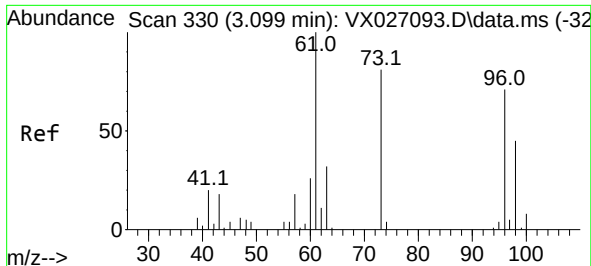
84 100

49 122.1 91.2 136.8

51 38.4 27.6 41.4

86 63.9 46.4 69.6

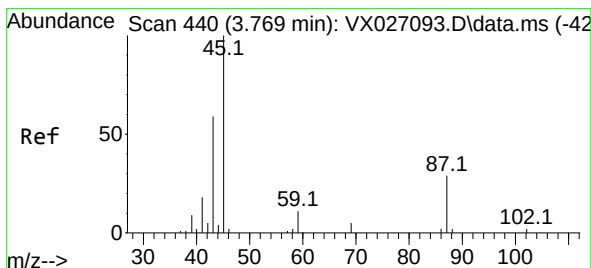
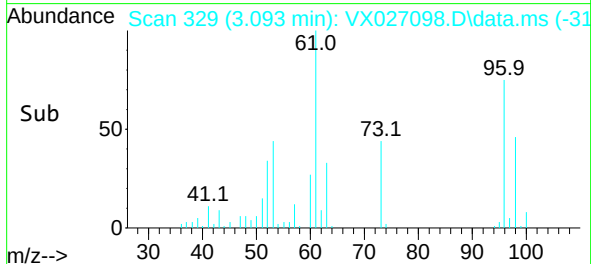
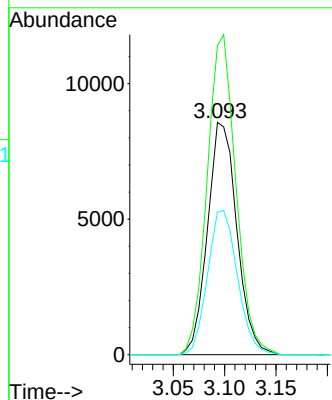
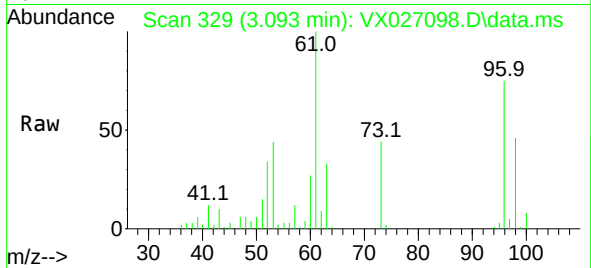




#19  
trans-1,2-Dichloroethene  
Concen: 17.995 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

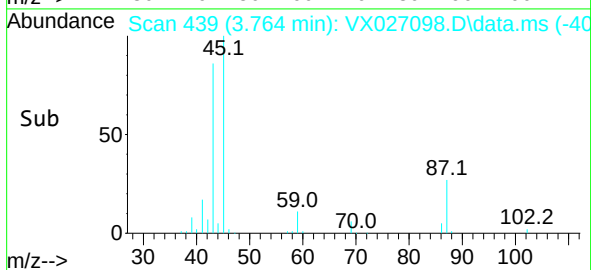
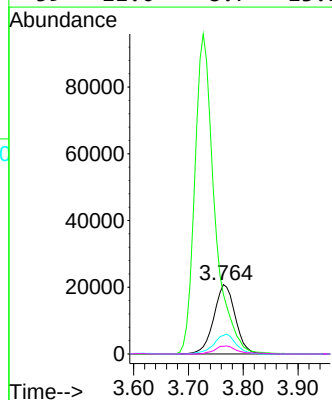
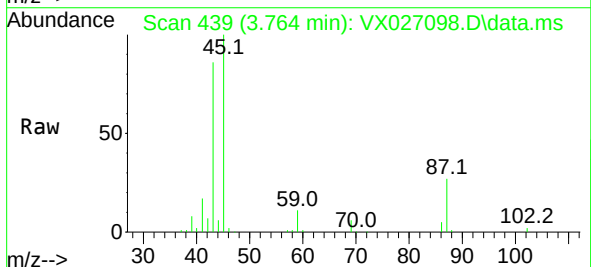
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

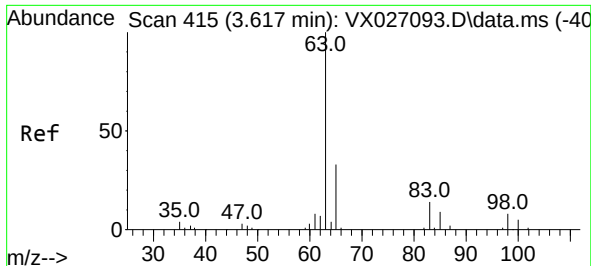
Tgt Ion: 96 Resp: 17027  
Ion Ratio Lower Upper  
96 100  
61 133.1 113.2 169.8  
98 61.5 51.0 76.6



#20  
Diisopropyl ether  
Concen: 18.371 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 45 Resp: 56612  
Ion Ratio Lower Upper  
45 100  
43 85.1 55.5 83.3#  
87 26.8 23.1 34.7  
59 11.0 8.7 13.1





#21

1,1-Dichloroethane

Concen: 17.732 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVX021822

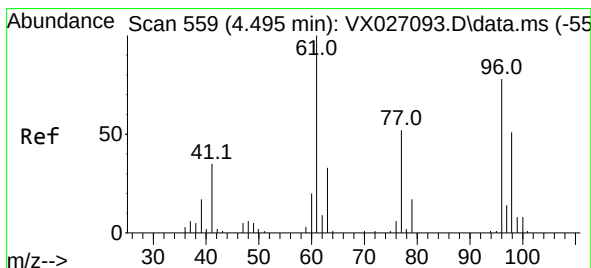
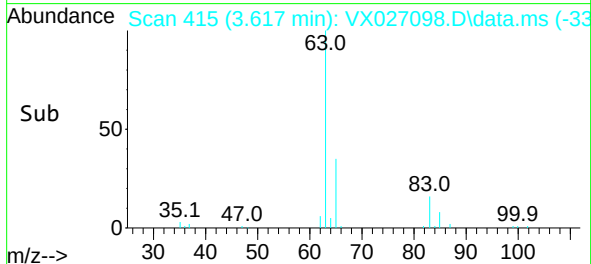
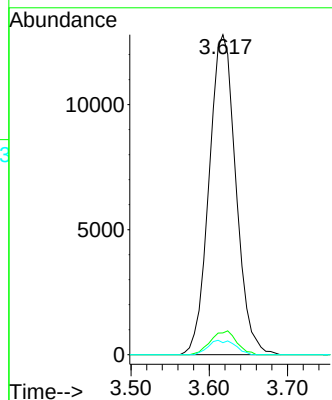
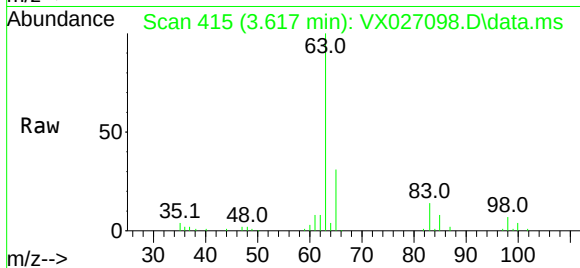
Tgt Ion: 63 Resp: 30419

Ion Ratio Lower Upper

63 100

98 6.8 4.0 11.9

100 3.7 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 18.067 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

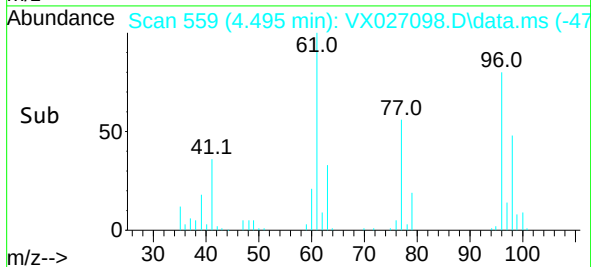
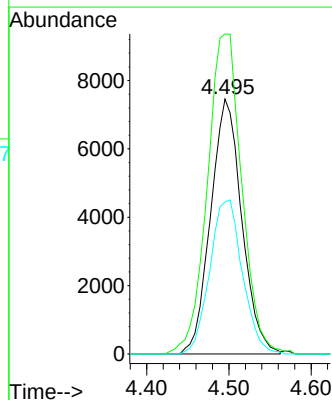
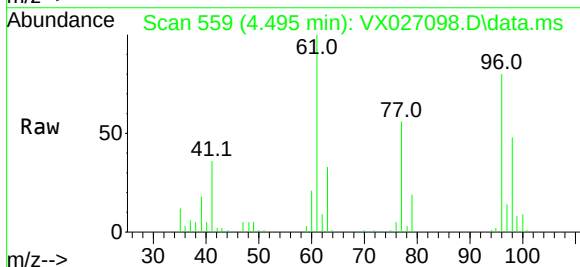
Tgt Ion: 96 Resp: 19662

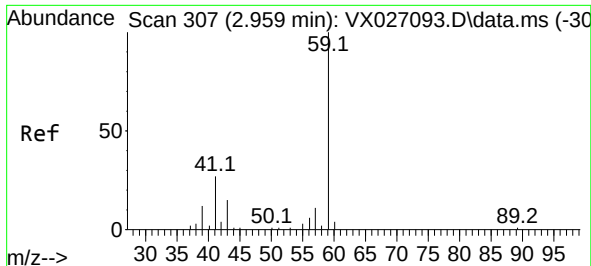
Ion Ratio Lower Upper

96 100

61 138.6 114.3 171.5

98 63.1 51.7 77.5

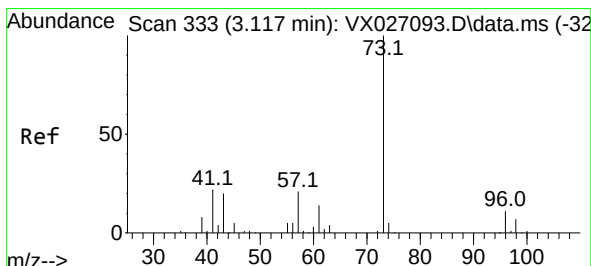
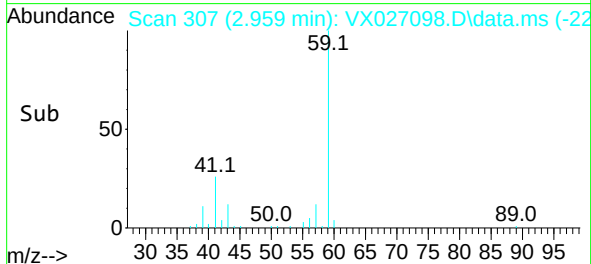
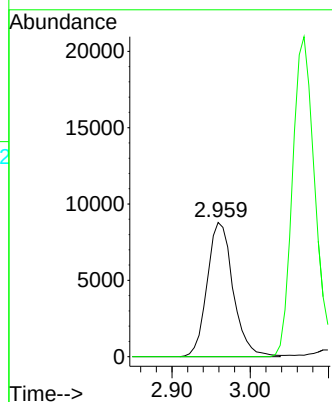
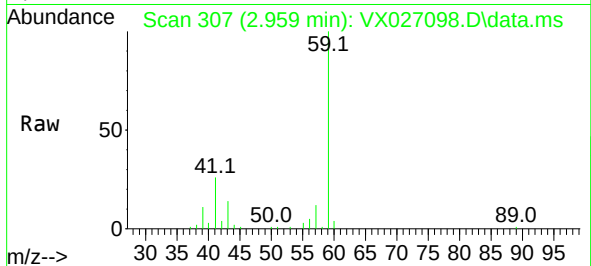




#23  
tert-Butyl Alcohol  
Concen: 92.155 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

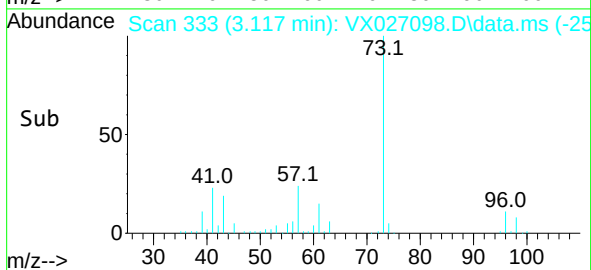
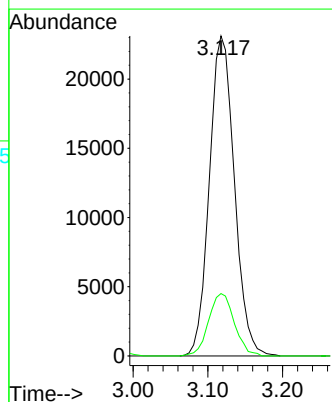
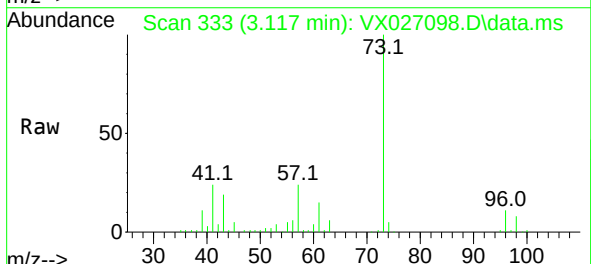
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

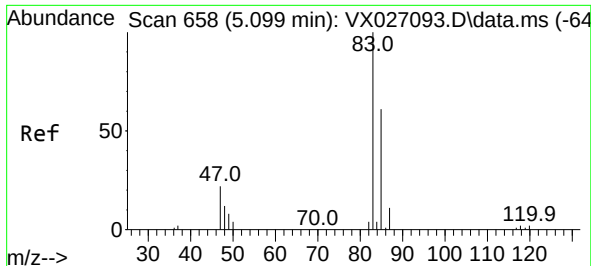
Tgt Ion: 59 Resp: 20225  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 17.678 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 73 Resp: 53883  
Ion Ratio Lower Upper  
73 100  
43 20.1 16.2 24.4





#25

Chloroform

Concen: 17.789 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

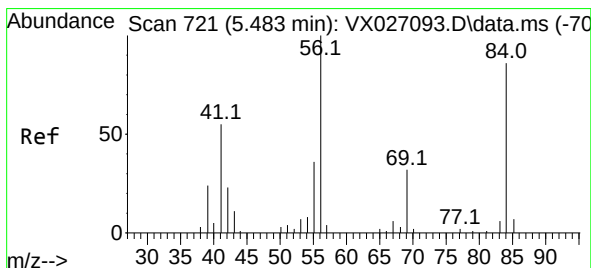
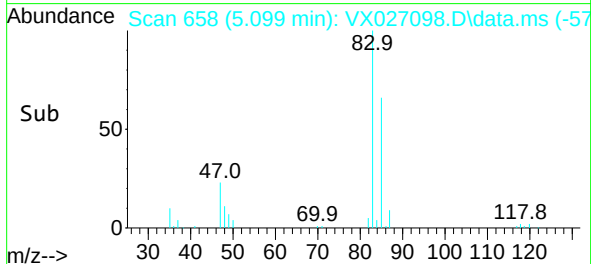
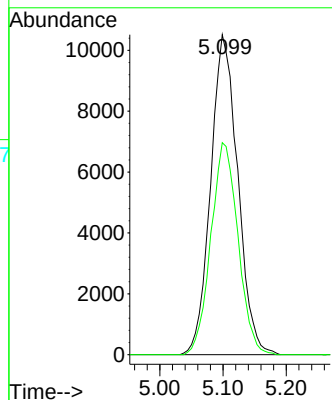
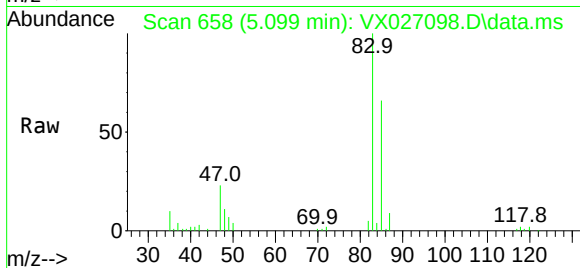
ICVX021822

Tgt Ion: 83 Resp: 31284

Ion Ratio Lower Upper

83 100

85 66.3 48.4 72.6



#26

Cyclohexane

Concen: 17.994 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

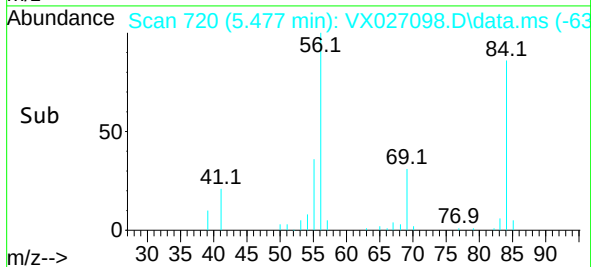
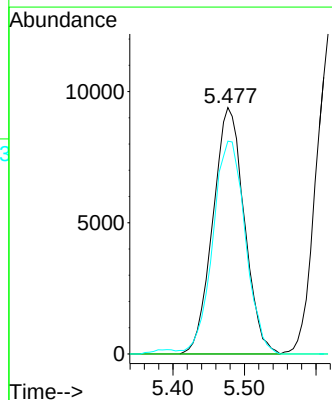
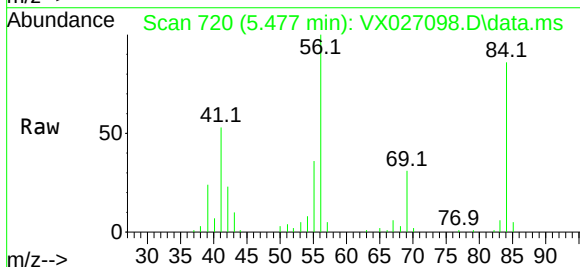
Tgt Ion: 56 Resp: 28623

Ion Ratio Lower Upper

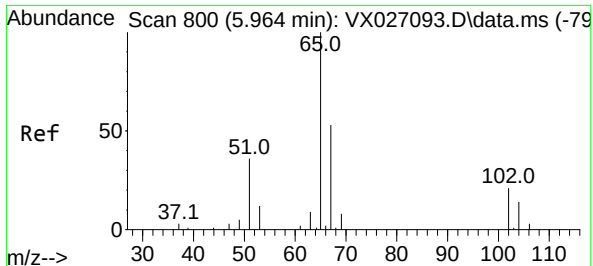
56 100

89 0.0 0.0 0.0

84 89.4 71.9 107.9







#27

1,2-Dichloroethane-d4

Concen: 30.175 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

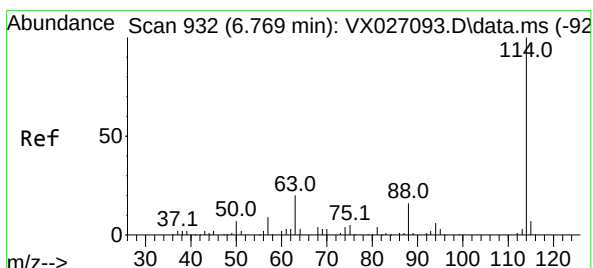
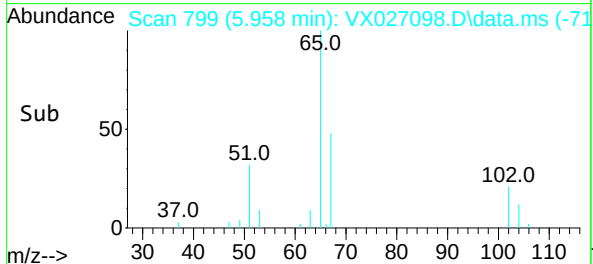
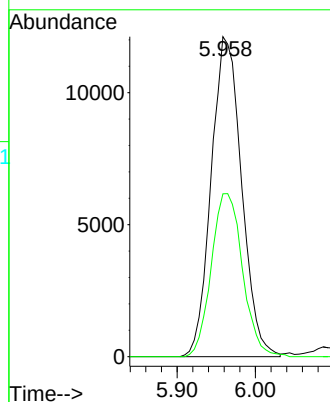
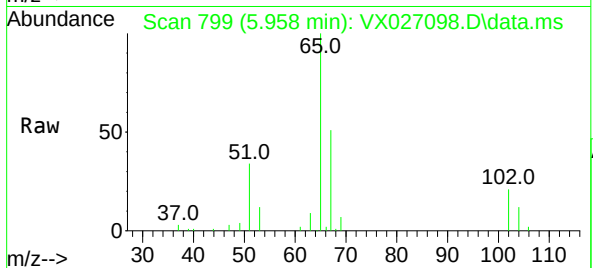
ICVVX021822

Tgt Ion: 65 Resp: 32649

Ion Ratio Lower Upper

65 100

67 52.4 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

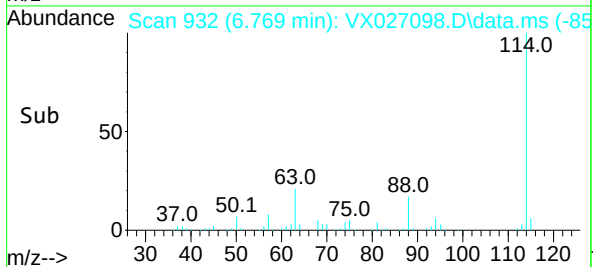
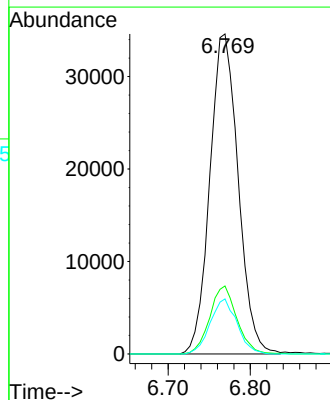
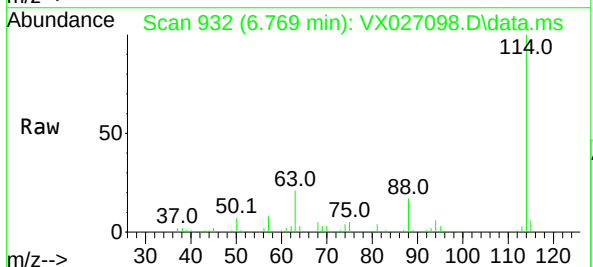
Tgt Ion: 114 Resp: 82882

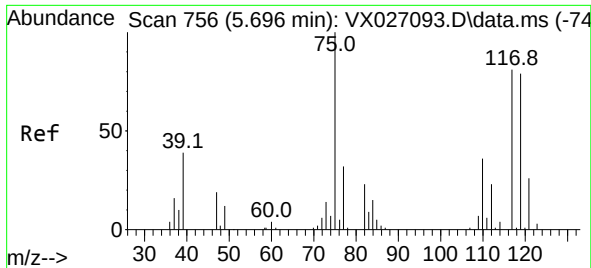
Ion Ratio Lower Upper

114 100

63 20.4 16.2 24.2

88 16.3 12.7 19.1

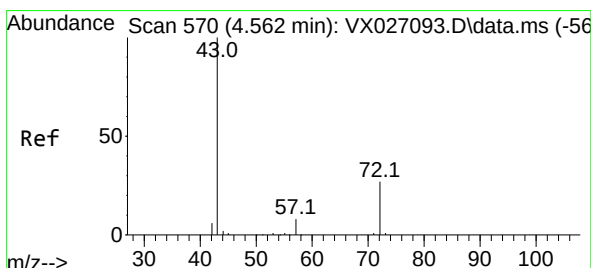
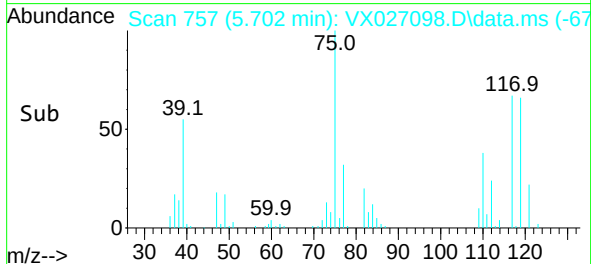
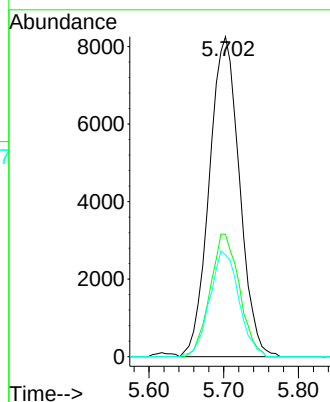
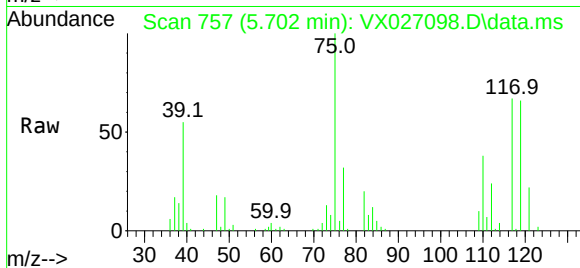




#29  
1,1-Dichloropropene  
Concen: 17.551 ug/l  
RT: 5.702 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

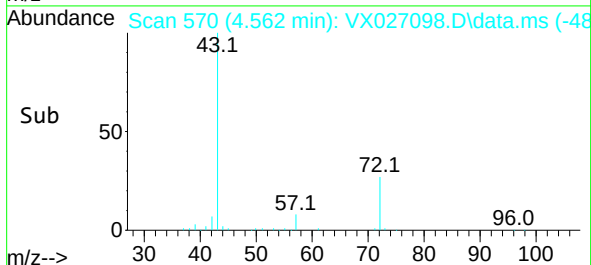
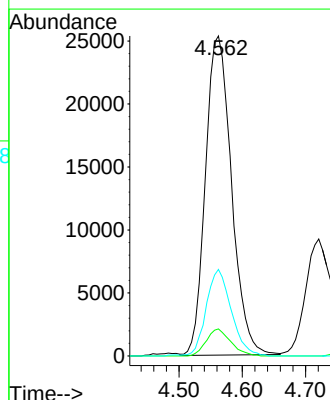
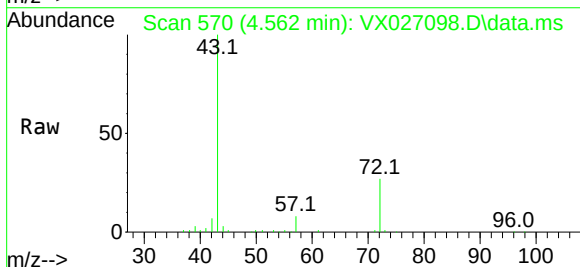
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

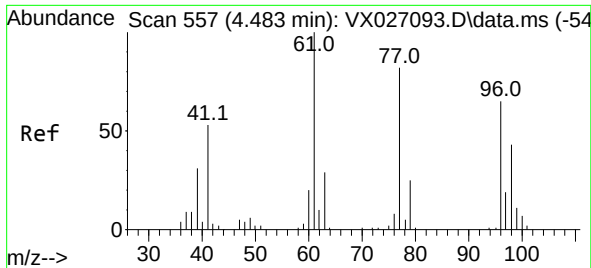
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 23113 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 37.1    | 0.0 72.6    |
| 77 32.0     | 0.0 62.4    |



#30  
2-Butanone  
Concen: 91.779 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 72576 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 57 8.0      | 6.6 9.8     |
| 72 26.0     | 21.0 31.6   |

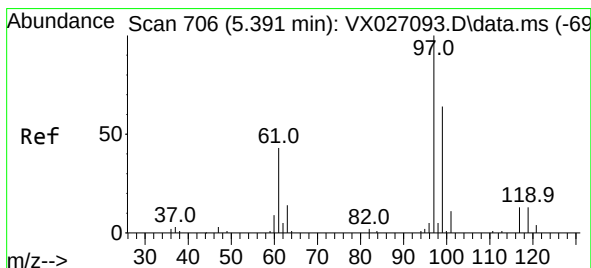
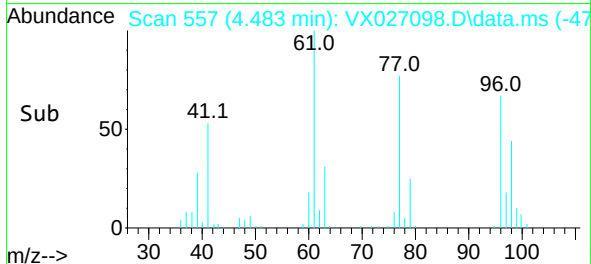
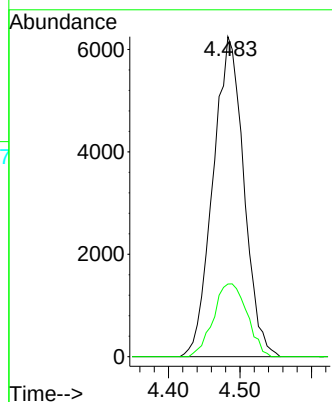
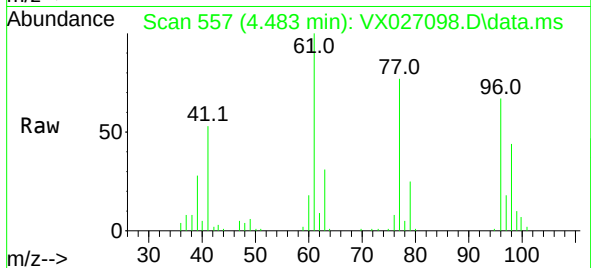




#31  
2,2-Dichloropropane  
Concen: 16.136 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

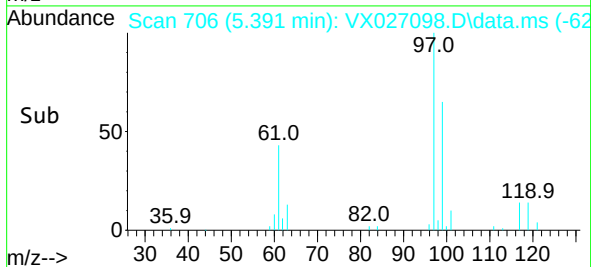
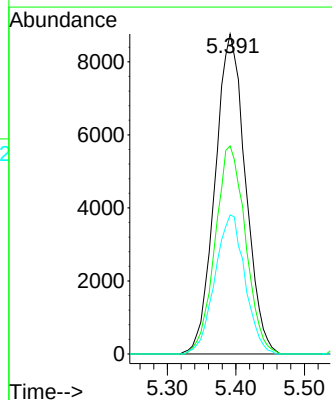
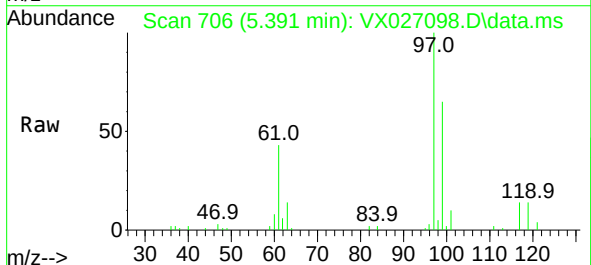
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

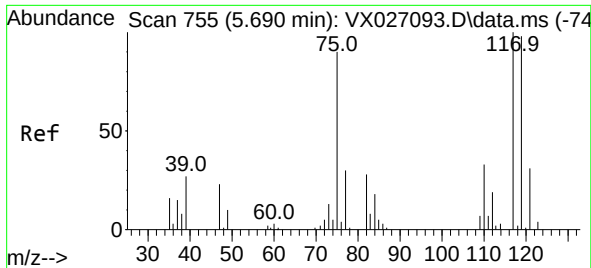
Tgt Ion: 77 Resp: 18716  
Ion Ratio Lower Upper  
77 100  
97 24.8 19.4 29.2



#32  
1,1,1-Trichloroethane  
Concen: 17.308 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 97 Resp: 27016  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.6 76.0  
61 42.9 34.6 52.0

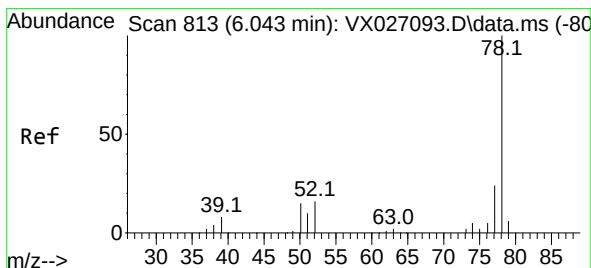
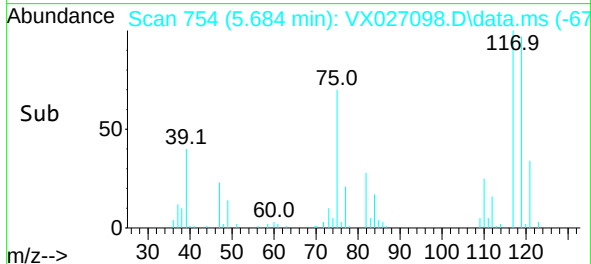
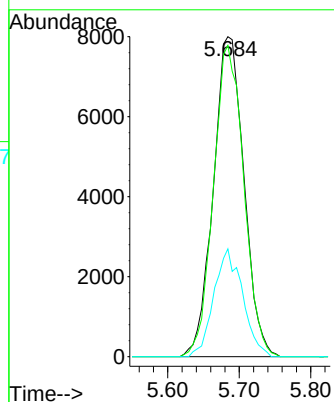
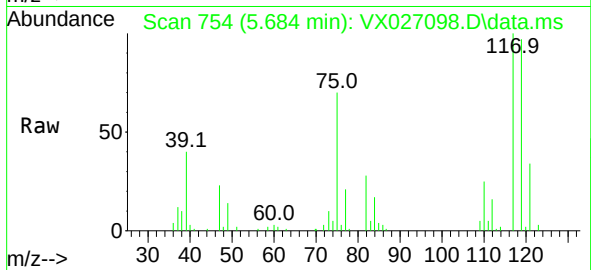




#33  
Carbon Tetrachloride  
Concen: 17.413 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

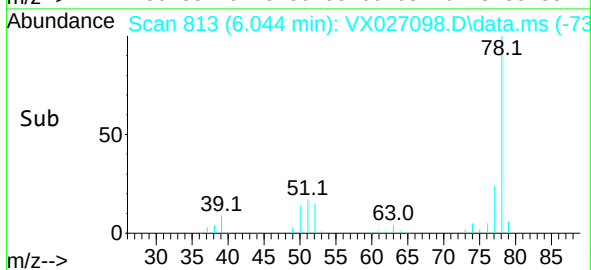
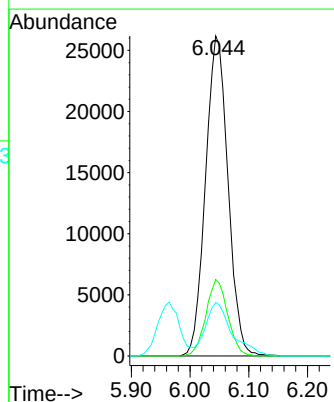
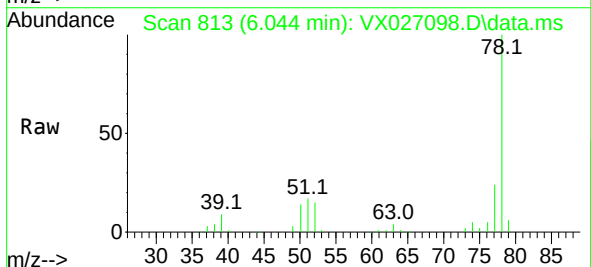
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

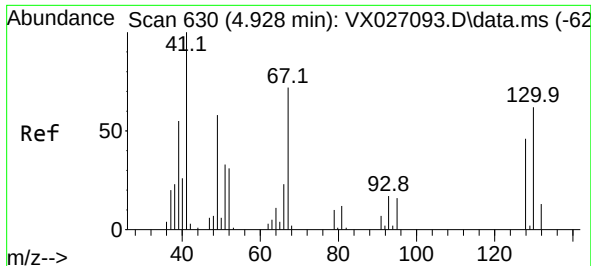
Tgt Ion:117 Resp: 23808  
Ion Ratio Lower Upper  
117 100  
119 97.3 78.1 117.1  
121 33.7 24.7 37.1



#34  
Benzene  
Concen: 17.958 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

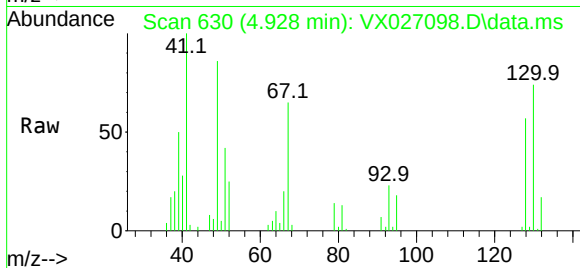
Tgt Ion: 78 Resp: 69476  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.9 28.3  
51 16.7 13.4 20.2





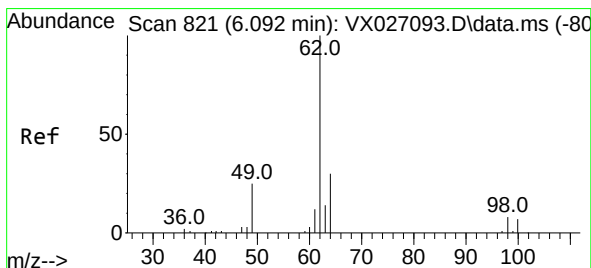
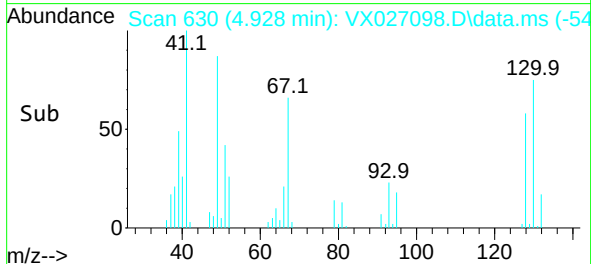
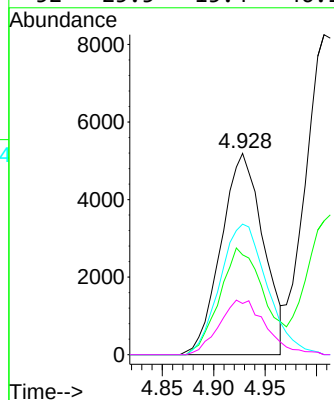
#35  
Methacrylonitrile  
Concen: 18.097 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822



Tgt Ion: 41 Resp: 14806

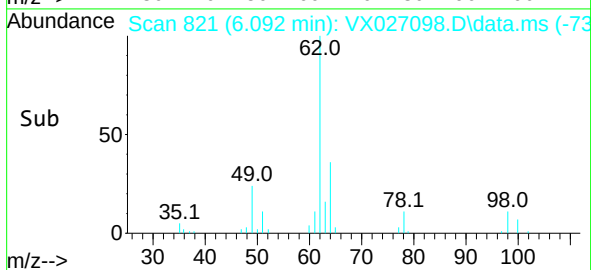
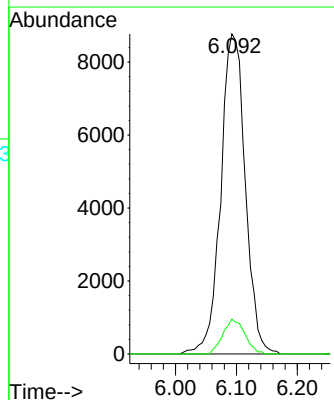
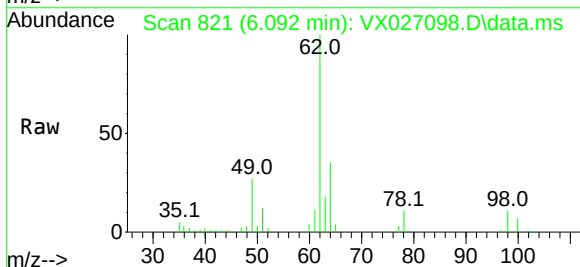
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 49.6  | 27.4  | 82.0  |
| 67  | 64.9  | 36.1  | 108.3 |
| 52  | 25.5  | 15.4  | 46.1  |

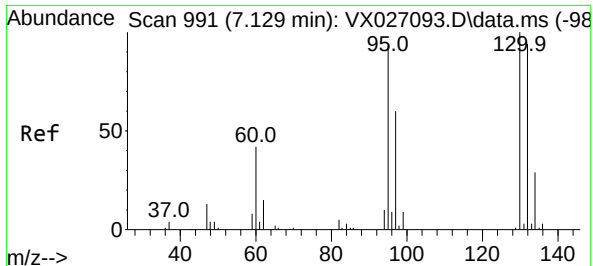


#36  
1,2-Dichloroethane  
Concen: 17.608 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 62 Resp: 24507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.7   | 7.6   | 11.4  |





#37

Trichloroethene

Concen: 17.437 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

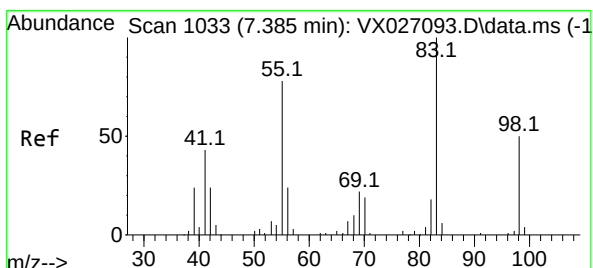
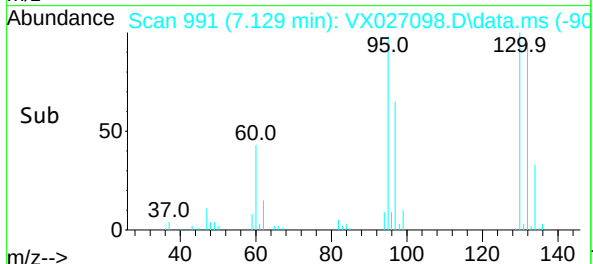
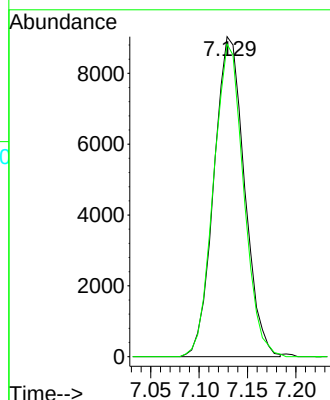
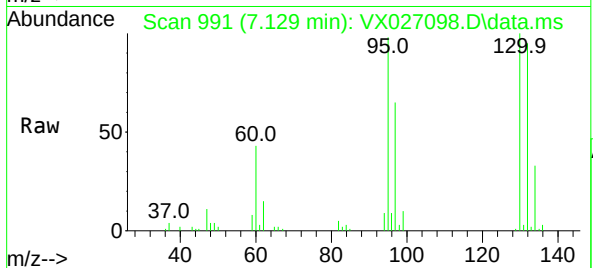
ICVVX021822

Tgt Ion:130 Resp: 19825

Ion Ratio Lower Upper

130 100

95 97.7 74.7 112.1



#38

Methylcyclohexane

Concen: 17.494 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

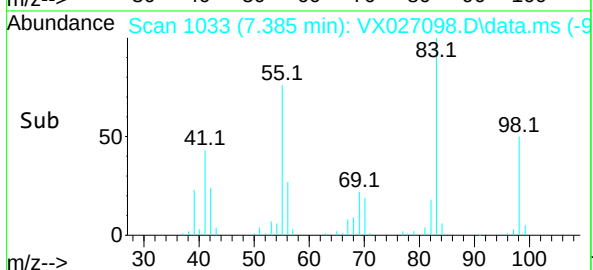
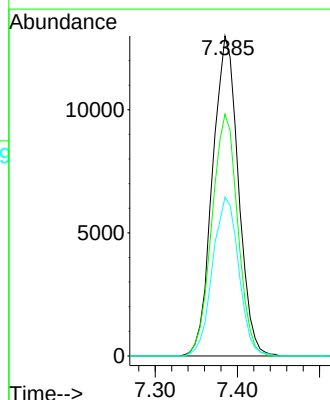
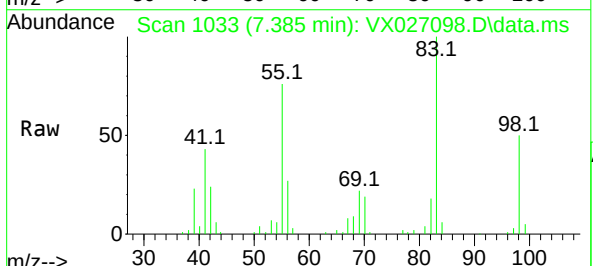
Tgt Ion: 83 Resp: 28383

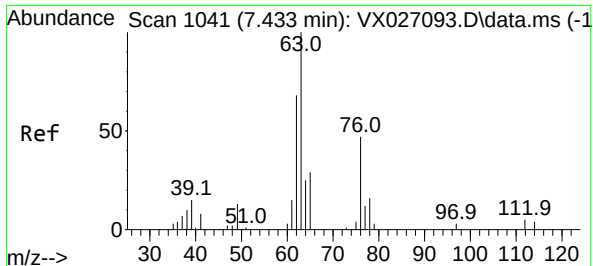
Ion Ratio Lower Upper

83 100

55 75.4 37.6 112.9

98 50.3 24.6 73.6





#39

1,2-Dichloropropane

Concen: 17.608 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

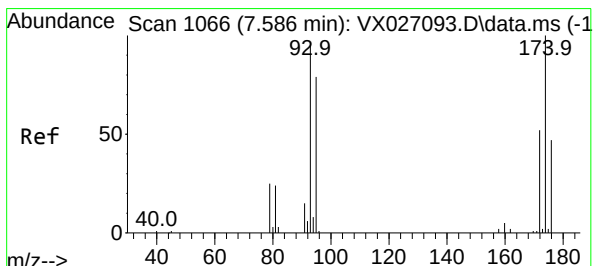
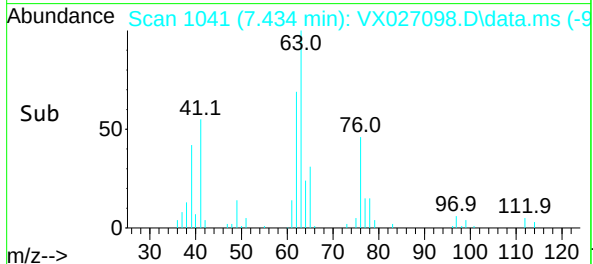
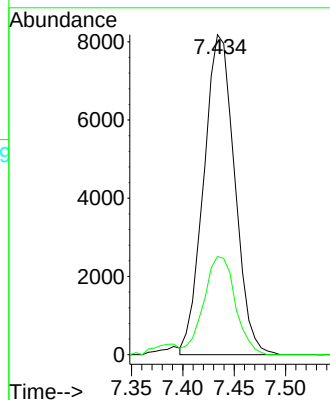
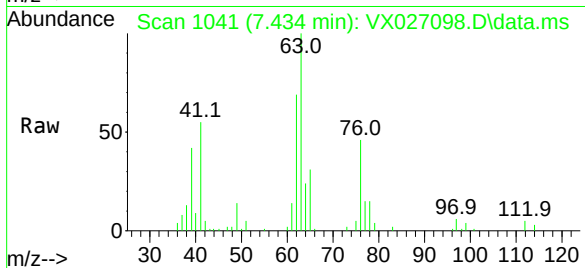
ICVX021822

Tgt Ion: 63 Resp: 17165

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#40

Dibromomethane

Concen: 17.355 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

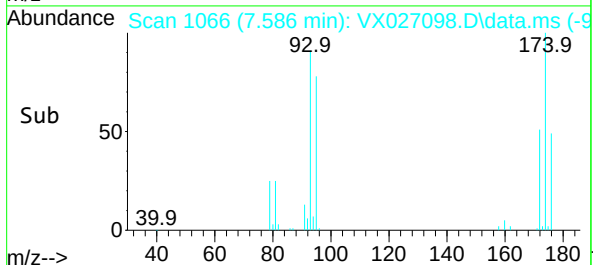
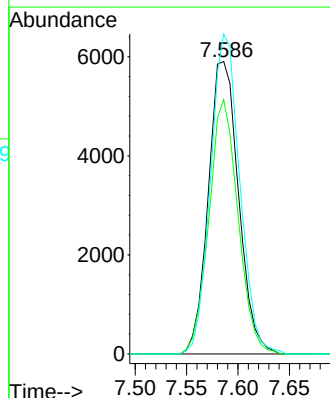
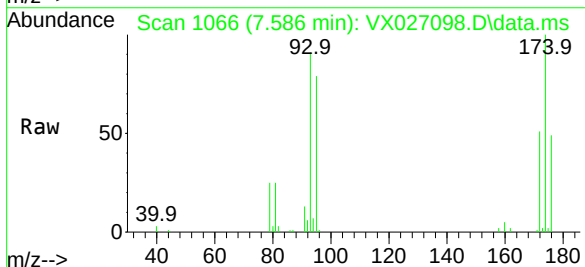
Tgt Ion: 93 Resp: 12120

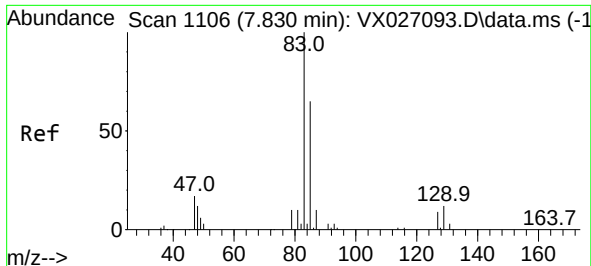
Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.2

174 105.5 0.0 205.8

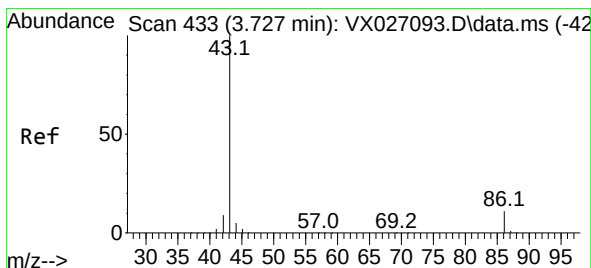
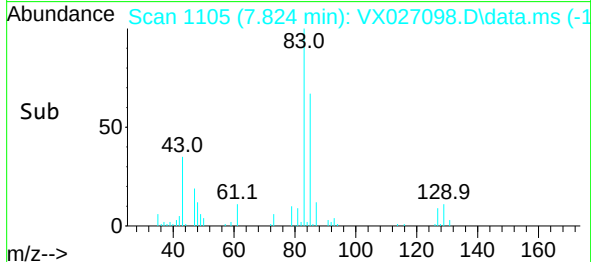
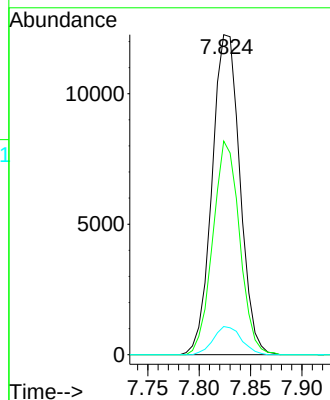
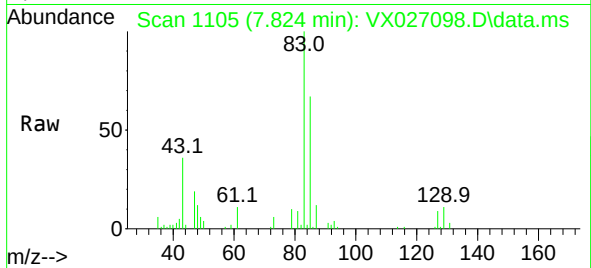




#41  
Bromodichloromethane  
Concen: 17.514 ug/l  
RT: 7.824 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

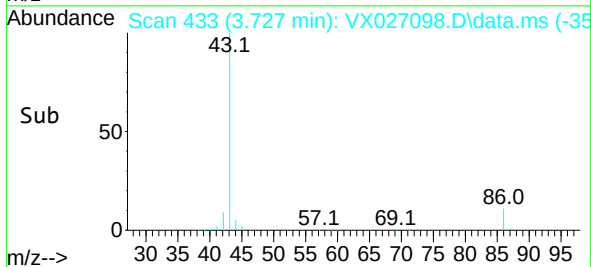
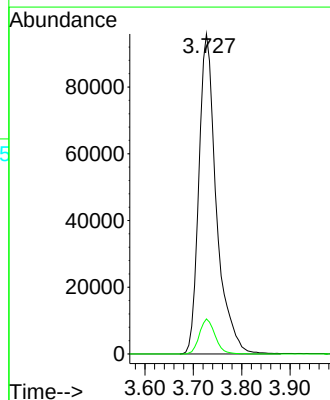
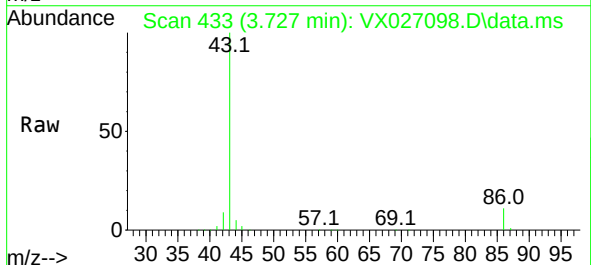
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

Tgt Ion: 83 Resp: 23092  
Ion Ratio Lower Upper  
83 100  
85 66.7 51.6 77.4  
127 8.8 7.2 10.8

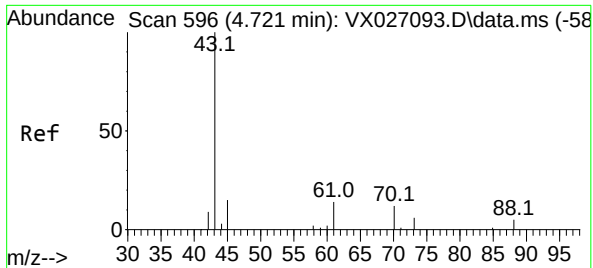


#42  
Vinyl Acetate  
Concen: 89.802 ug/l  
RT: 3.727 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 43 Resp: 241104  
Ion Ratio Lower Upper  
43 100  
86 9.7 7.8 11.6



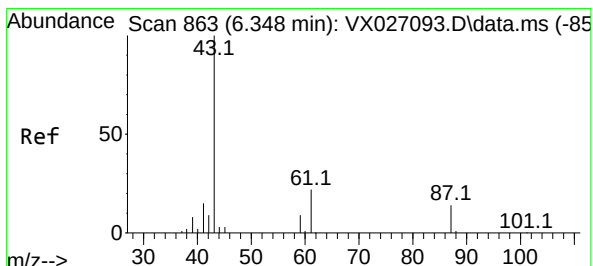
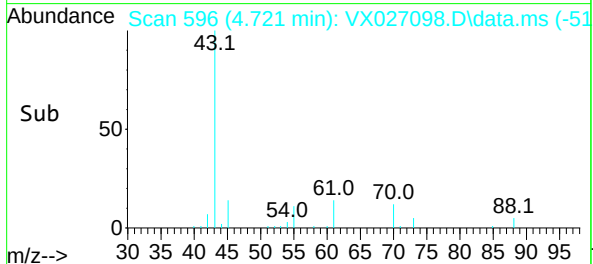
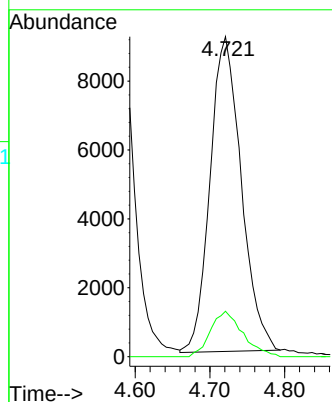
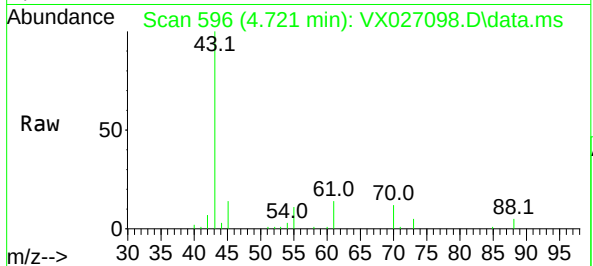




#43  
Ethyl Acetate  
Concen: 17.544 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

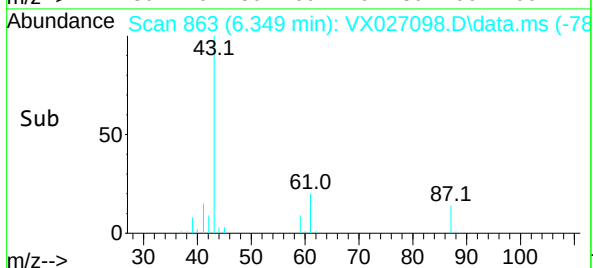
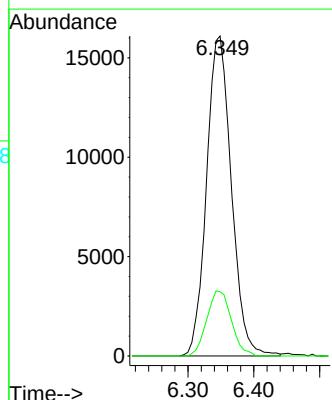
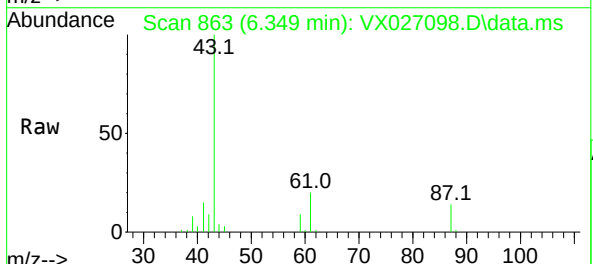
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX021822

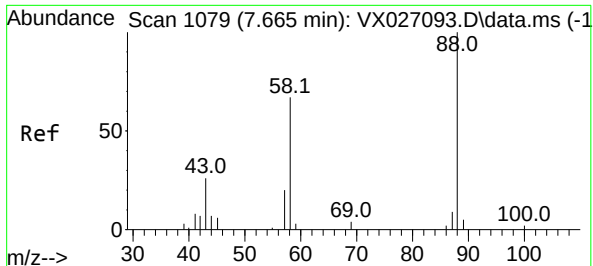
Tgt Ion: 43 Resp: 26532  
Ion Ratio Lower Upper  
43 100  
45 14.9 12.0 18.0



#44  
Isopropyl Acetate  
Concen: 18.092 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 43 Resp: 42311  
Ion Ratio Lower Upper  
43 100  
61 20.1 16.4 24.6

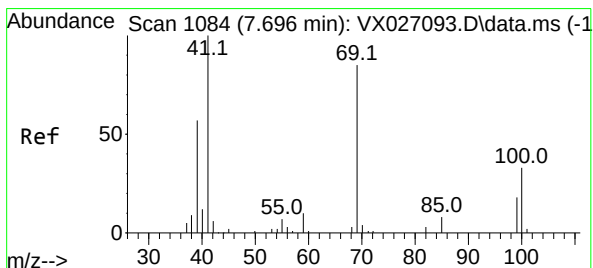
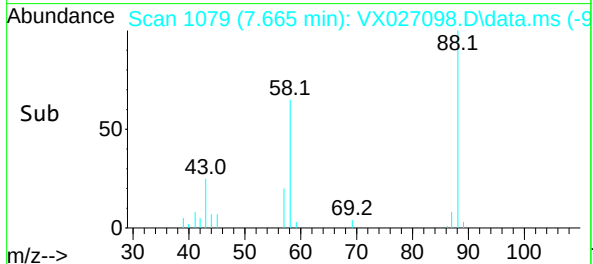
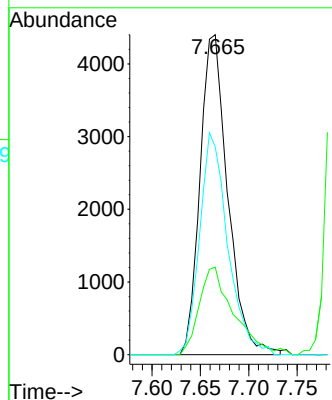
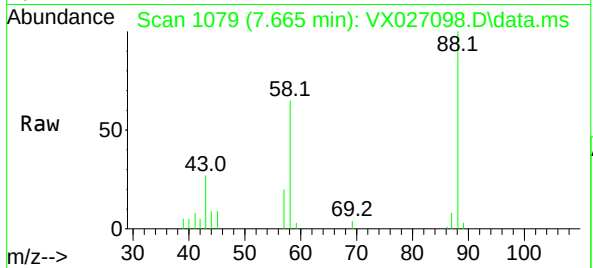




#45  
1,4-Dioxane  
Concen: 368.130 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

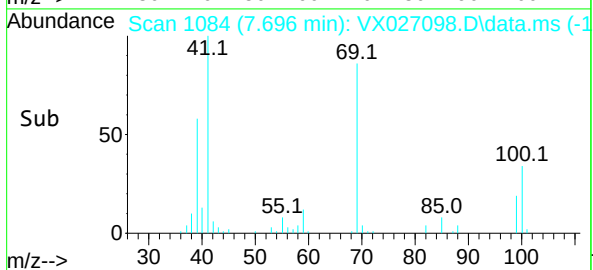
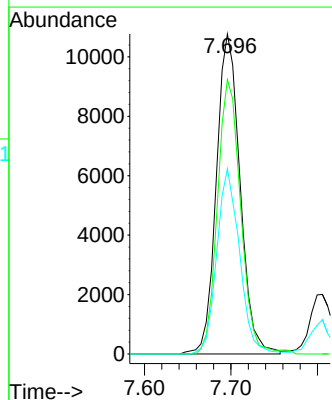
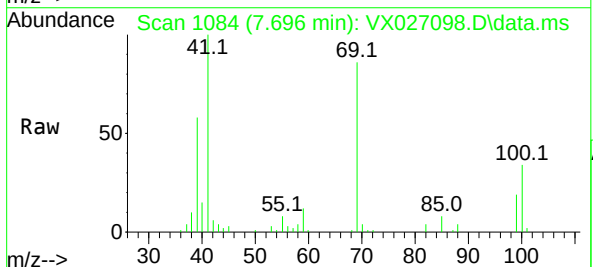
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

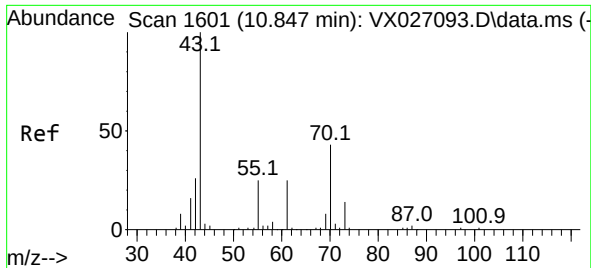
Tgt Ion: 88 Resp: 8796  
Ion Ratio Lower Upper  
88 100  
43 33.5 28.3 42.5  
58 70.4 55.4 83.2



#46  
Methyl methacrylate  
Concen: 17.834 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 41 Resp: 20438  
Ion Ratio Lower Upper  
41 100  
69 85.7 42.6 127.8  
39 57.9 28.4 85.3

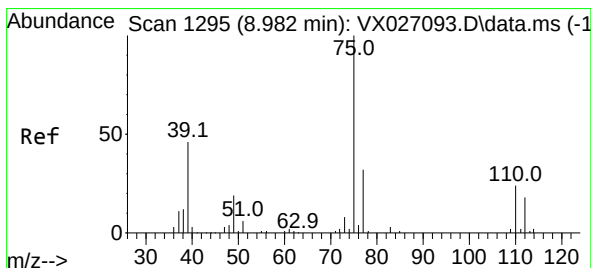
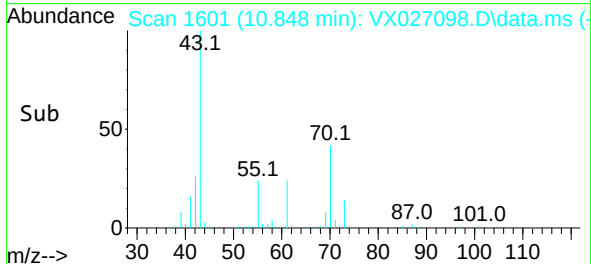
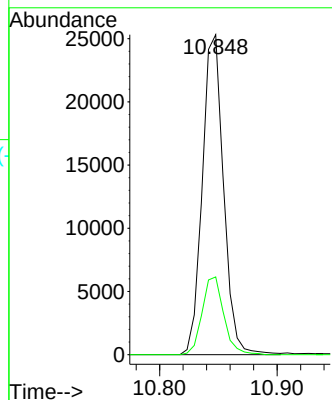
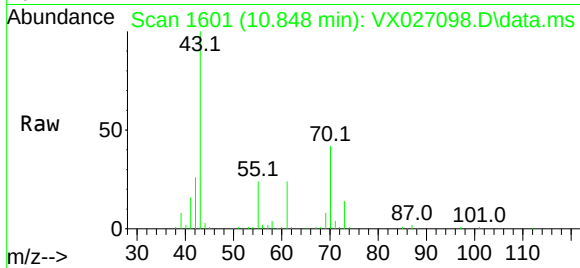




#47  
n-amyl Acetate  
Concen: 17.101 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

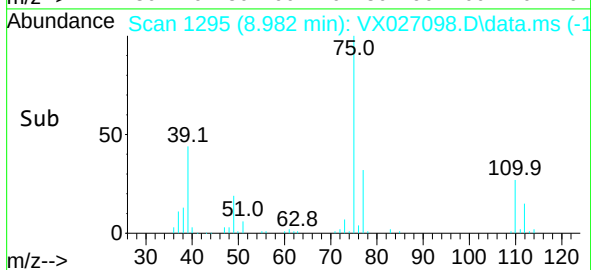
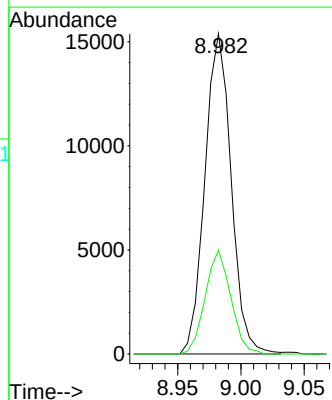
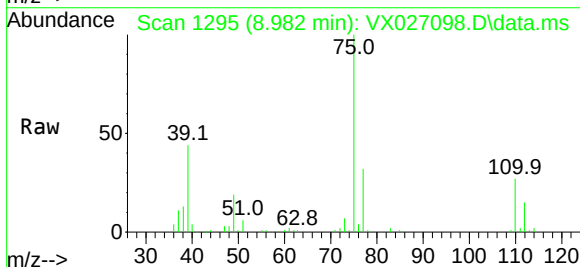
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

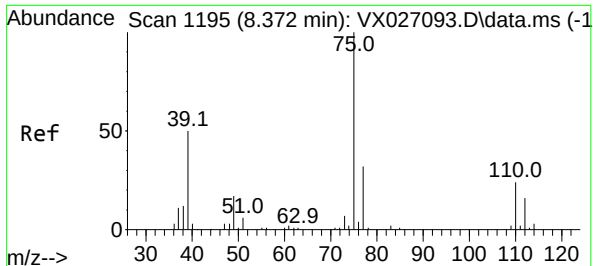
Tgt Ion: 43 Resp: 31741  
Ion Ratio Lower Upper  
43 100  
55 24.7 19.7 29.5



#48  
t-1,3-Dichloropropene  
Concen: 16.974 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 75 Resp: 22257  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.9 38.9





#49

cis-1,3-Dichloropropene

Concen: 17.144 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

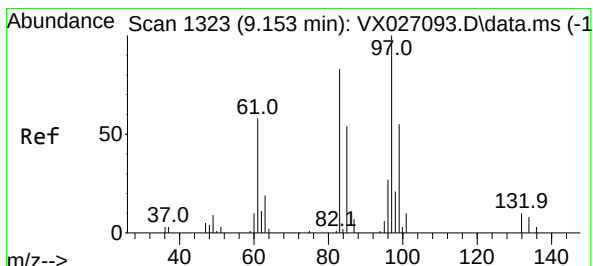
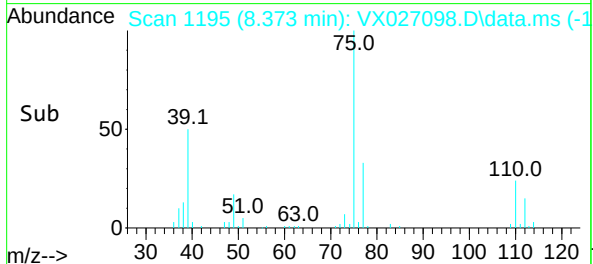
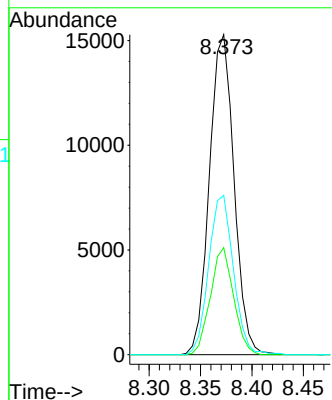
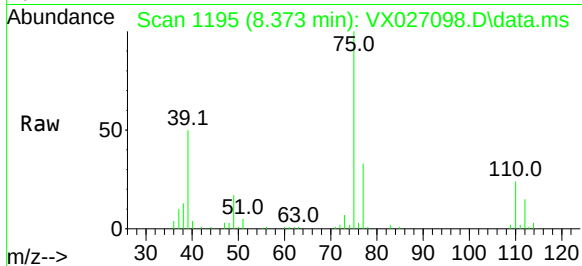
Tgt Ion: 75 Resp: 25463

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8

39 49.8 40.1 60.1



#50

1,1,2-Trichloroethane

Concen: 18.155 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Tgt Ion: 97 Resp: 17469

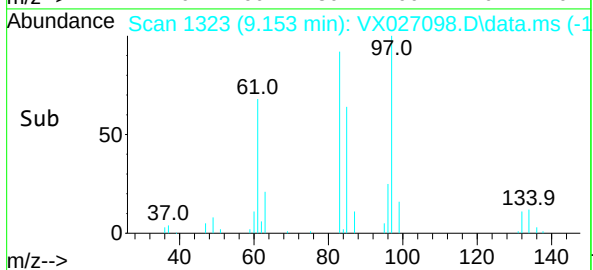
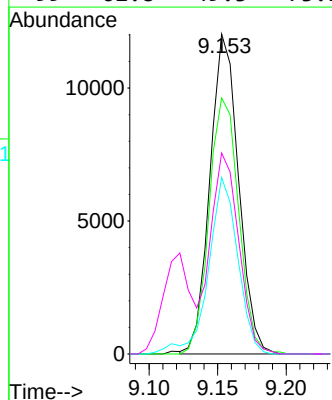
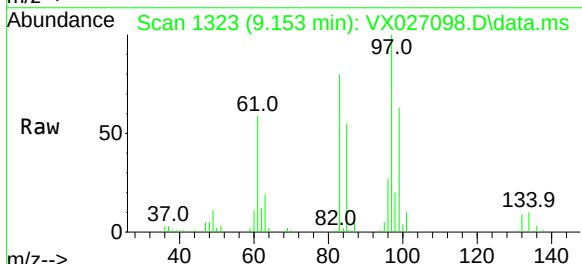
Ion Ratio Lower Upper

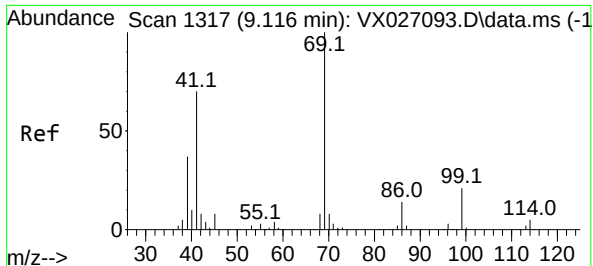
97 100

83 80.0 66.5 99.7

85 55.2 43.8 65.8

99 62.8 49.3 73.9

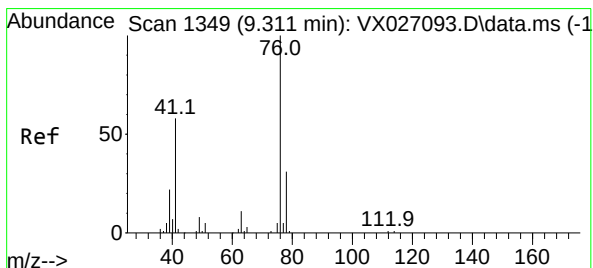
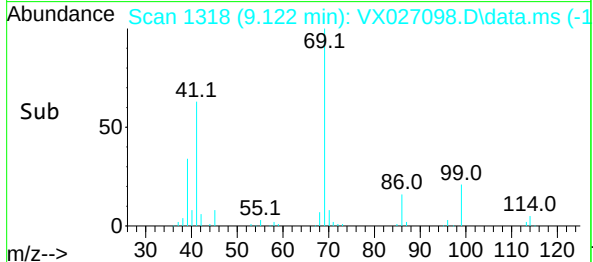
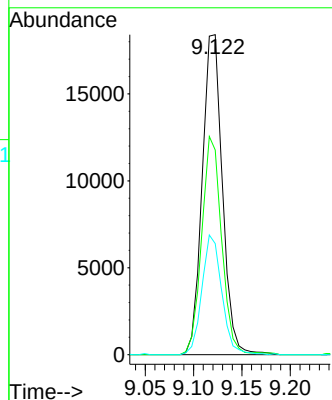
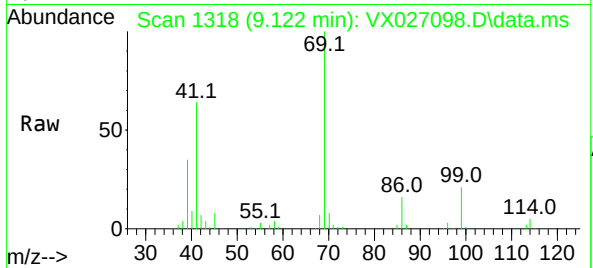




#51  
Ethyl methacrylate  
Concen: 17.514 ug/l  
RT: 9.122 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

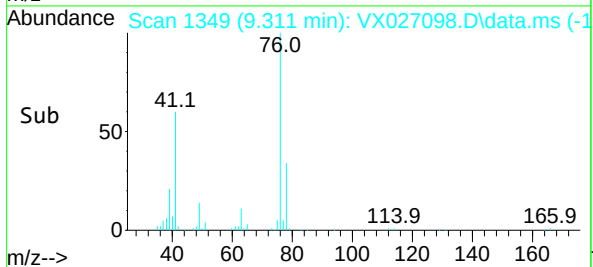
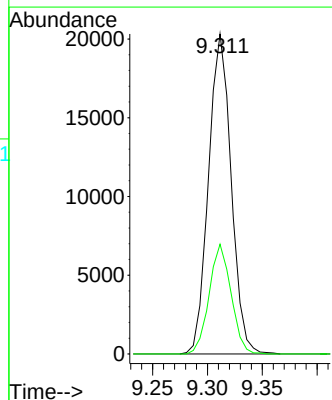
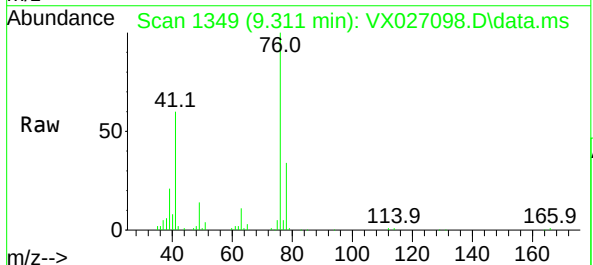
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

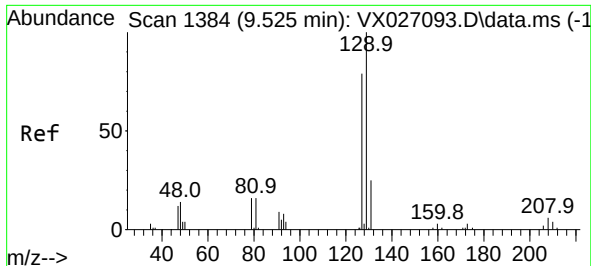
Tgt Ion: 69 Resp: 26813  
Ion Ratio Lower Upper  
69 100  
41 64.0 34.8 104.3  
39 34.7 18.5 55.5



#52  
1,3-Dichloropropane  
Concen: 17.713 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 76 Resp: 29170  
Ion Ratio Lower Upper  
76 100  
78 33.1 0.0 63.2

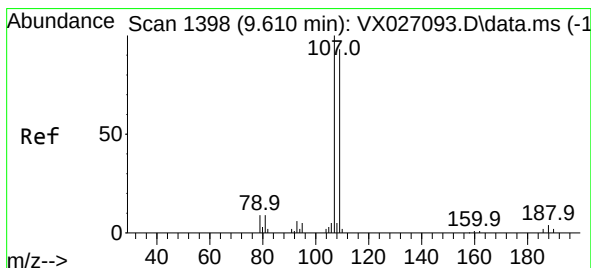
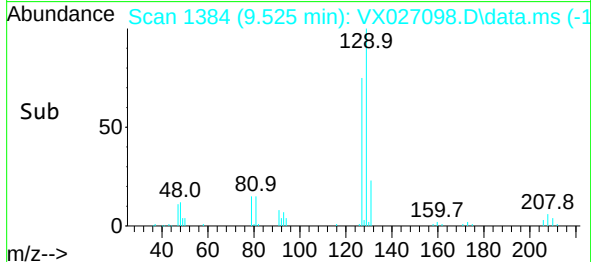
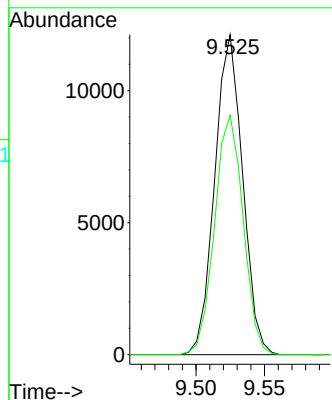
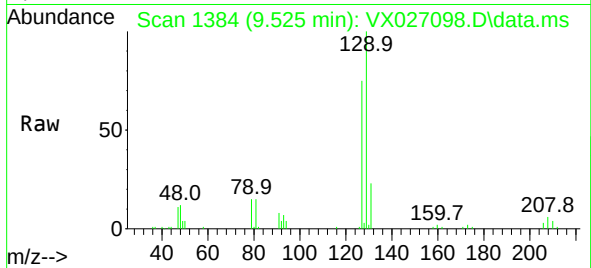




#53  
Dibromochloromethane  
Concen: 17.220 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

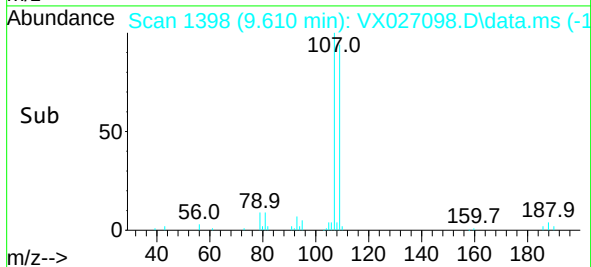
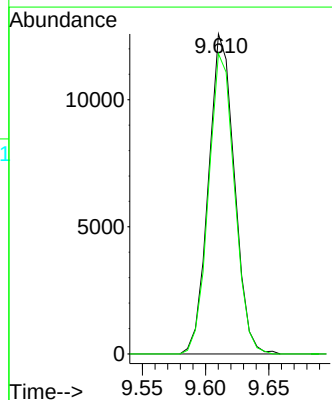
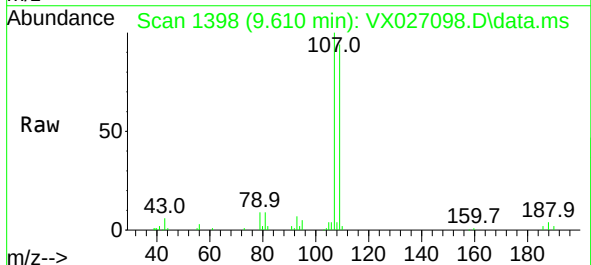
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

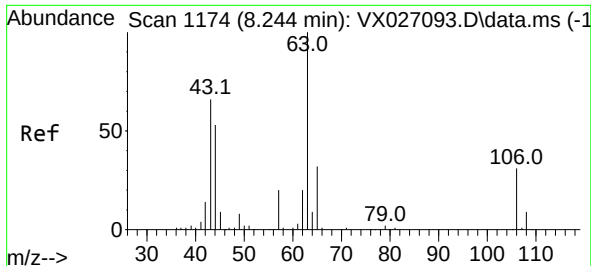
Tgt Ion:129 Resp: 17170  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.4 115.2



#54  
1,2-Dibromoethane  
Concen: 17.464 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion:107 Resp: 17912  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 92.536 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

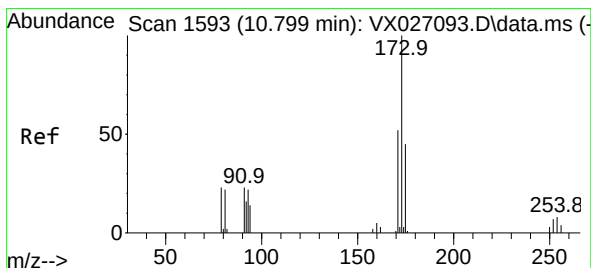
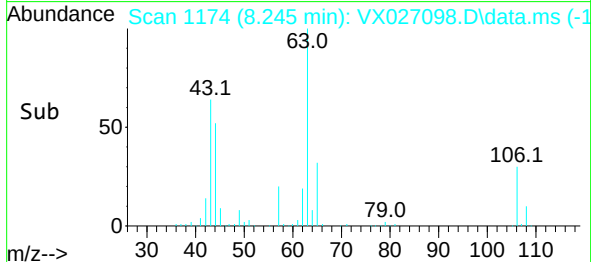
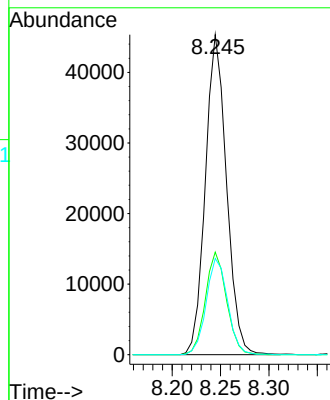
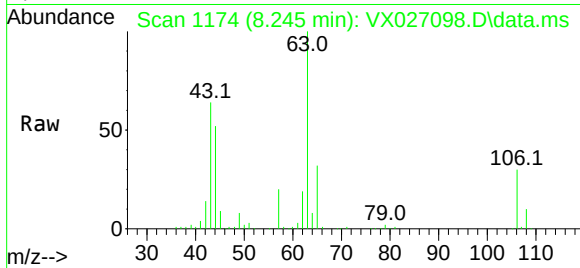
Tgt Ion: 63 Resp: 69143

Ion Ratio Lower Upper

63 100

65 32.0 25.9 38.9

106 30.4 24.2 36.4



#56

Bromoform

Concen: 16.408 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

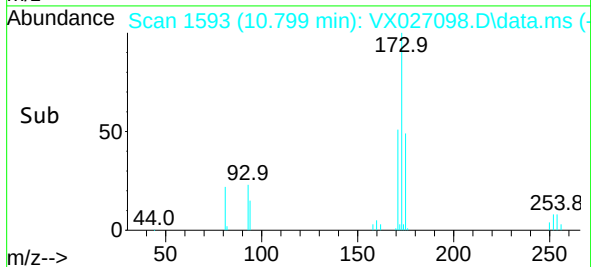
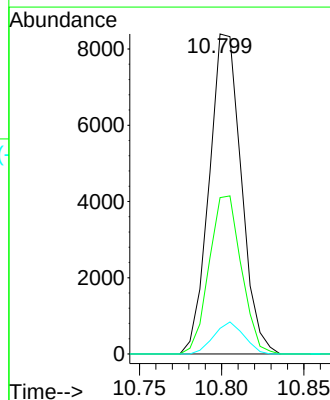
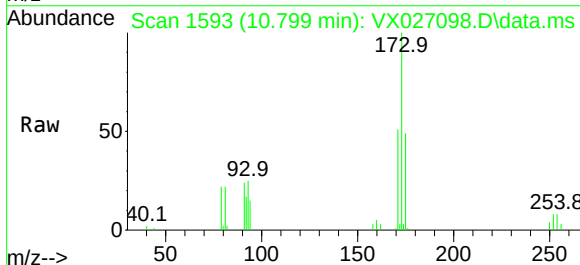
Tgt Ion:173 Resp: 11386

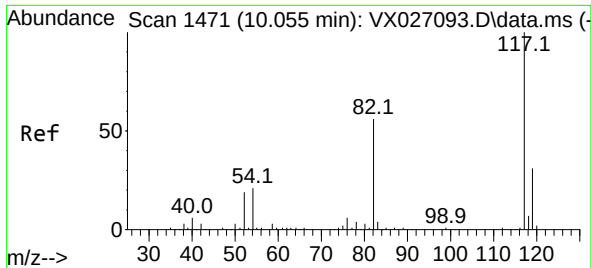
Ion Ratio Lower Upper

173 100

175 49.7 38.5 57.7

254 9.4 7.0 10.6

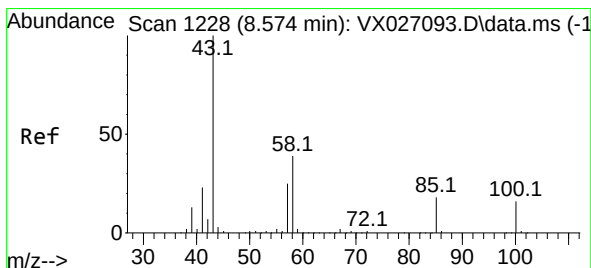
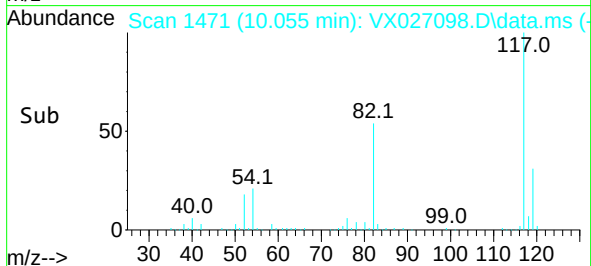
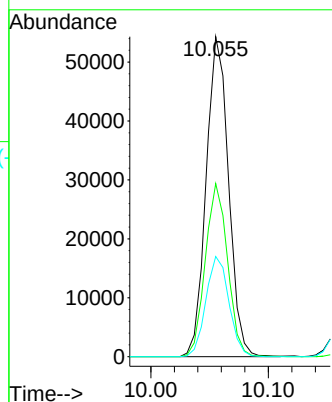
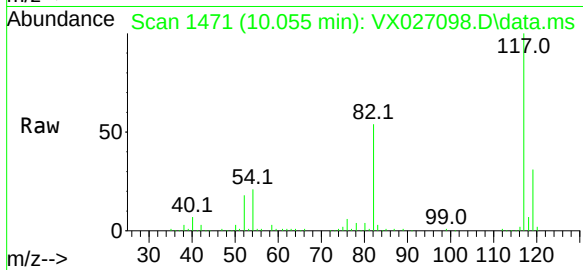




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

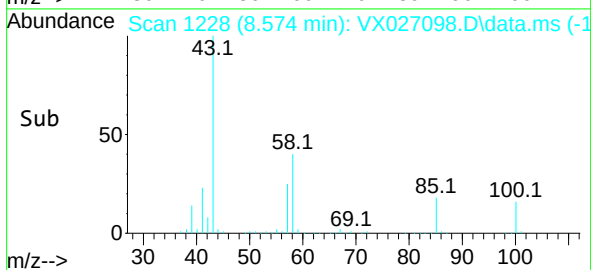
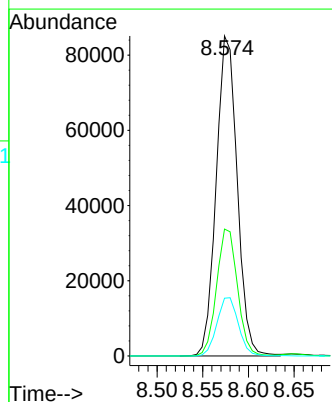
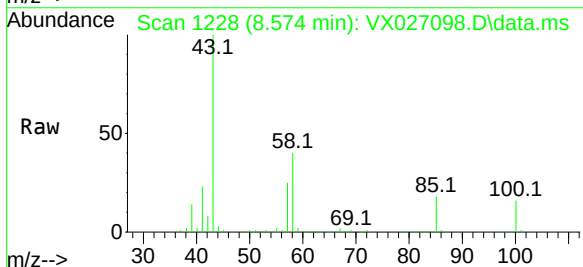
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

Tgt Ion:117 Resp: 72091  
Ion Ratio Lower Upper  
117 100  
82 53.7 44.1 66.1  
119 32.1 25.4 38.0

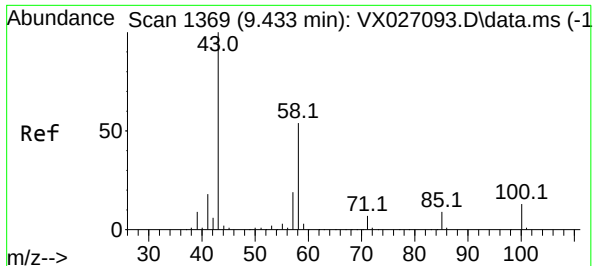


#58  
4-Methyl-2-Pentanone  
Concen: 91.745 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 43 Resp: 136042  
Ion Ratio Lower Upper  
43 100  
58 39.6 31.2 46.8  
85 18.6 14.8 22.2







#59

2-Hexanone

Concen: 90.575 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVX021822

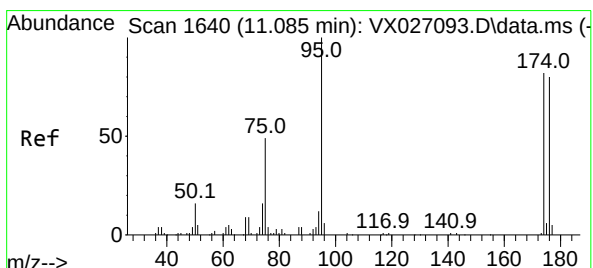
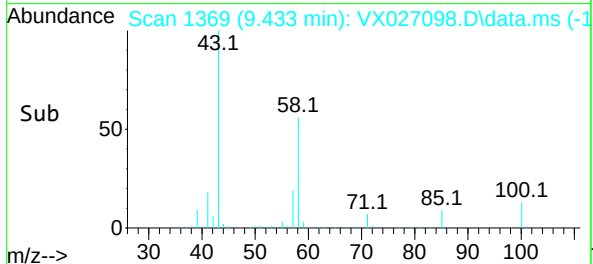
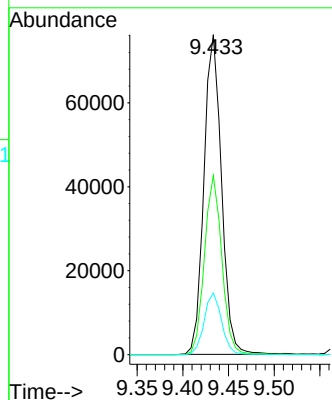
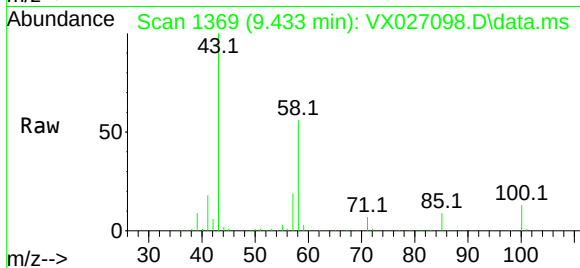
Tgt Ion: 43 Resp: 102021

Ion Ratio Lower Upper

43 100

58 55.5 43.4 65.2

57 19.2 15.4 23.2



#60

4-Bromofluorobenzene

Concen: 29.017 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

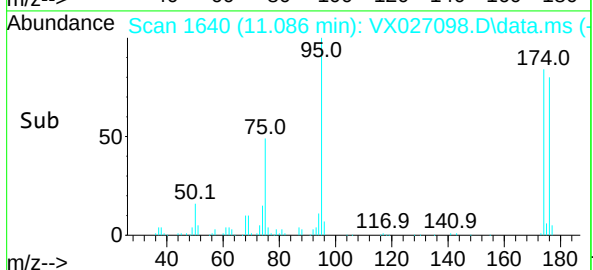
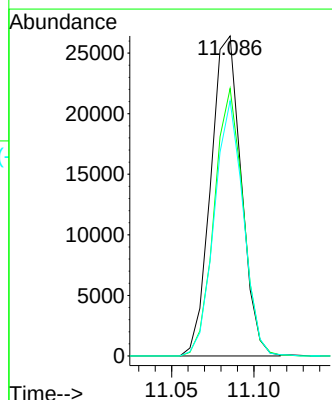
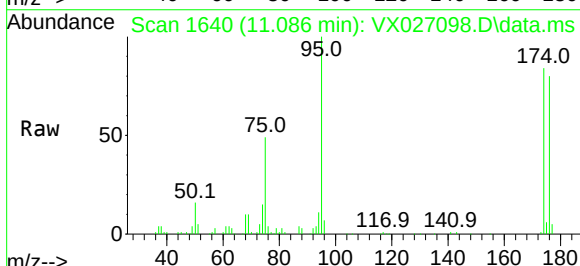
Tgt Ion: 95 Resp: 34017

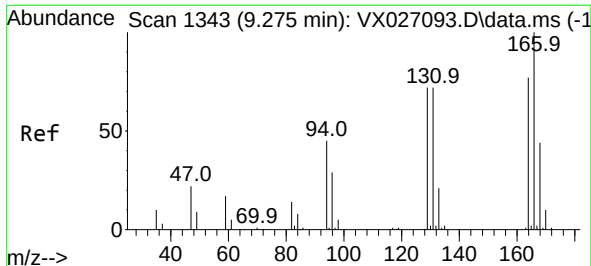
Ion Ratio Lower Upper

95 100

174 79.1 61.8 92.8

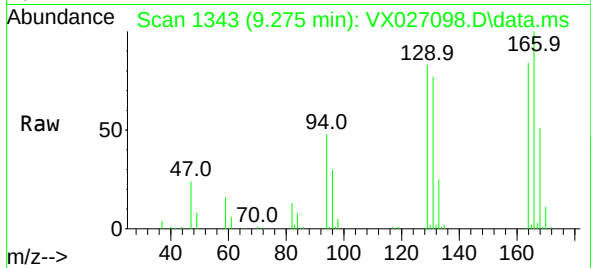
176 75.8 59.4 89.2



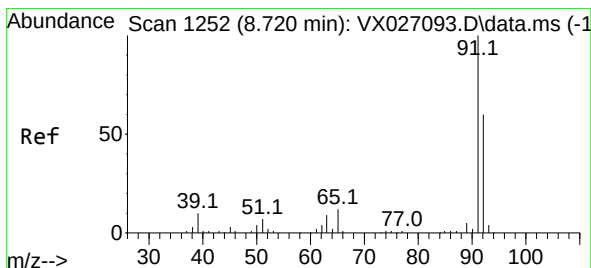
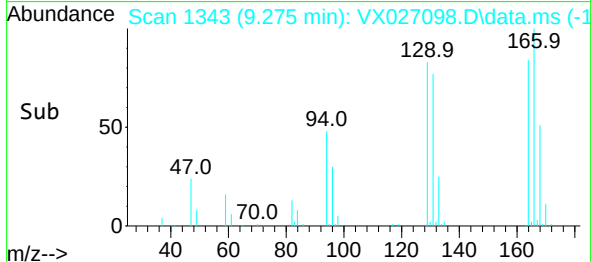
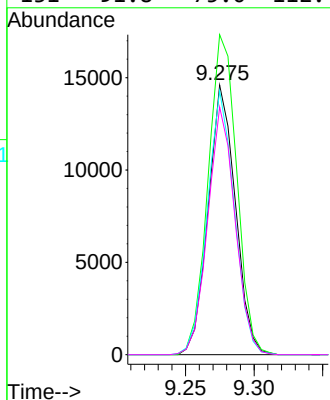


#61  
Tetrachloroethene  
Concen: 17.365 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

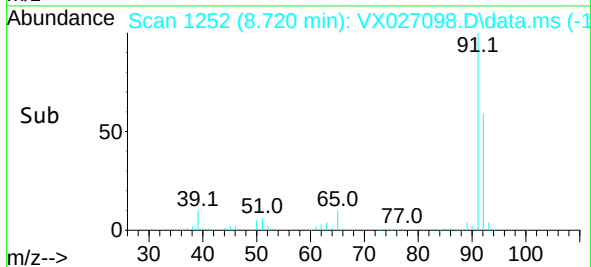
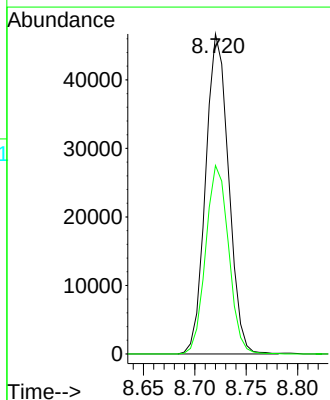
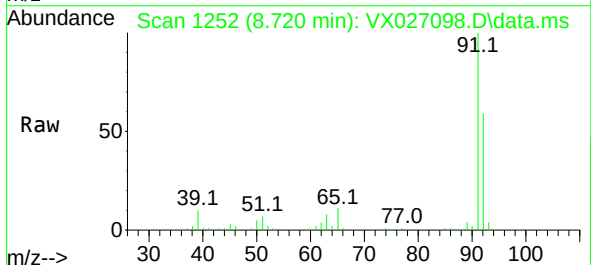


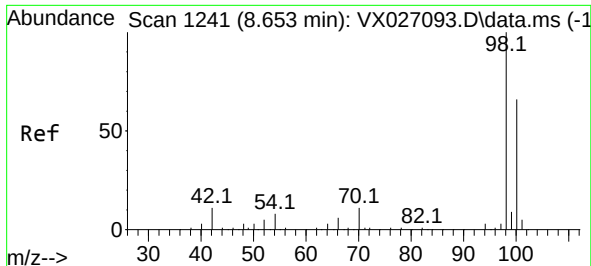
Tgt Ion:164 Resp: 20205  
Ion Ratio Lower Upper  
164 100  
166 118.7 104.6 156.8  
129 98.0 75.6 113.4  
131 91.8 75.0 112.4



#62  
Toluene  
Concen: 17.774 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 91 Resp: 72559  
Ion Ratio Lower Upper  
91 100  
92 58.9 47.0 70.6

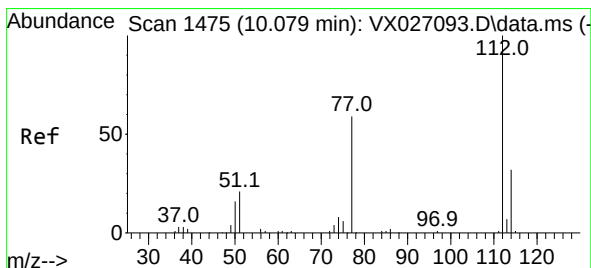
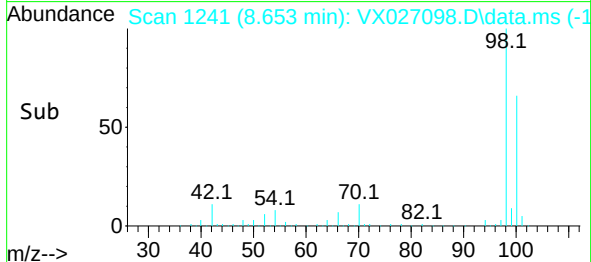
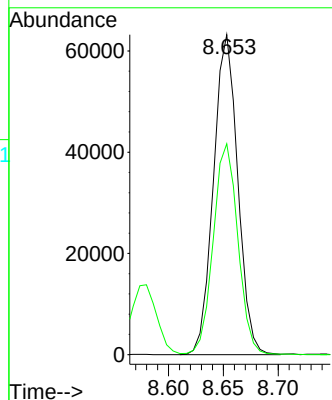
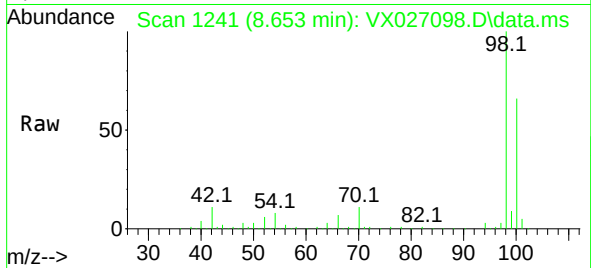




#63  
Toluene-d8  
Concen: 30.151 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

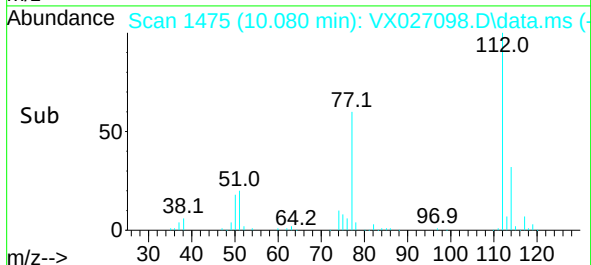
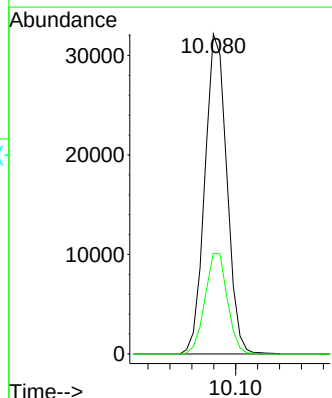
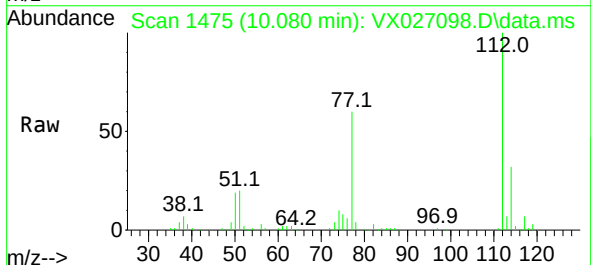
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX021822

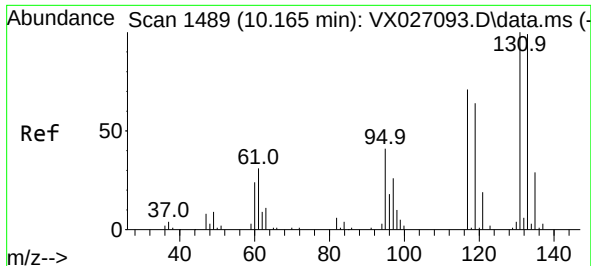
Tgt Ion: 98 Resp: 97454  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.6 78.8



#64  
Chlorobenzene  
Concen: 17.694 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 112 Resp: 44716  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5

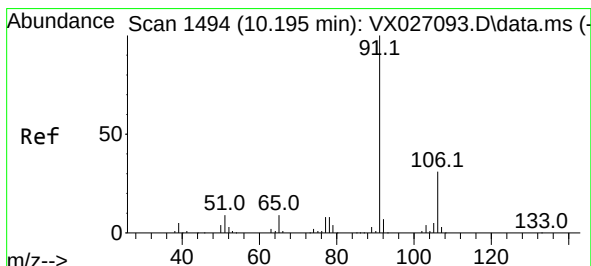
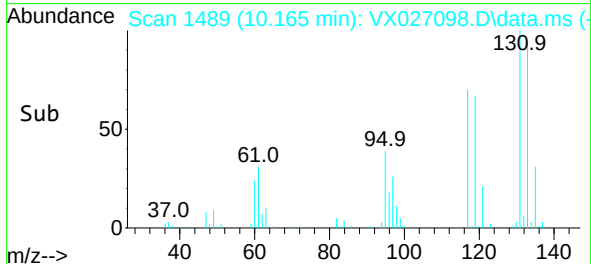
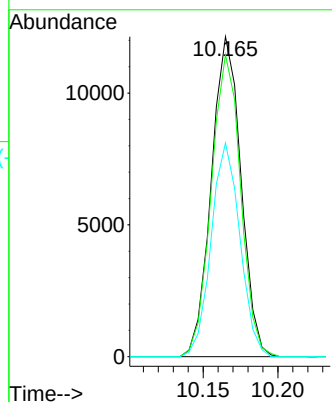
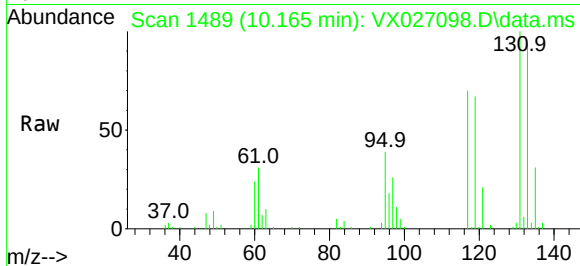




#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.839 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

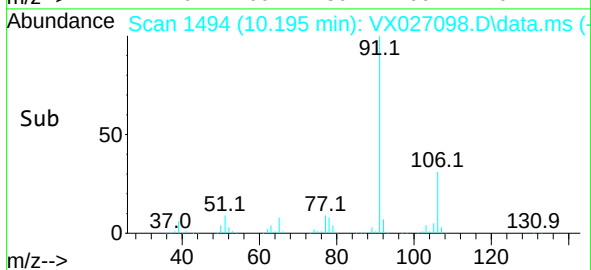
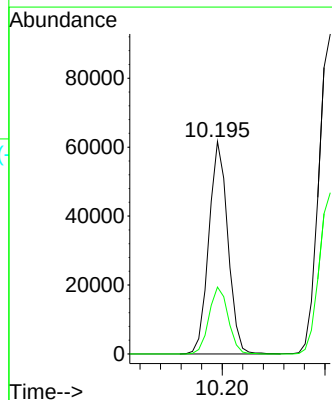
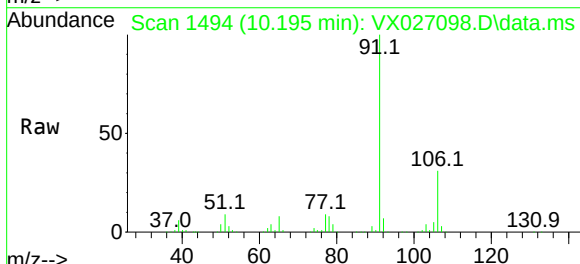
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

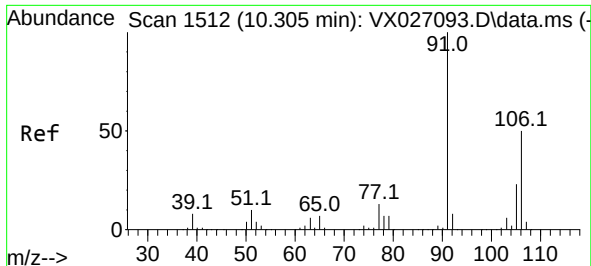
Tgt Ion:131 Resp: 16686  
Ion Ratio Lower Upper  
131 100  
133 93.5 0.0 193.6  
119 64.8 0.0 129.4



#66  
Ethyl Benzene  
Concen: 17.666 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 91 Resp: 79422  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.4





#67

m/p-Xylenes

Concen: 35.550 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

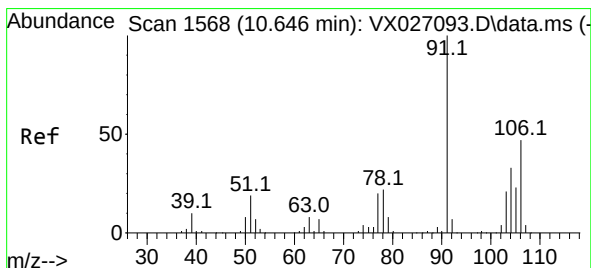
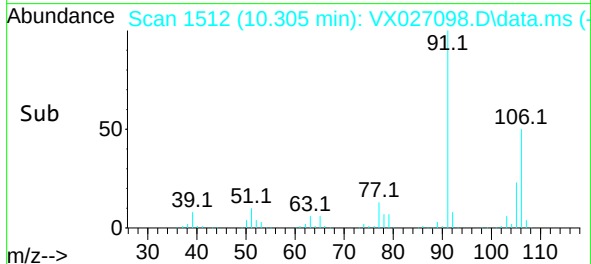
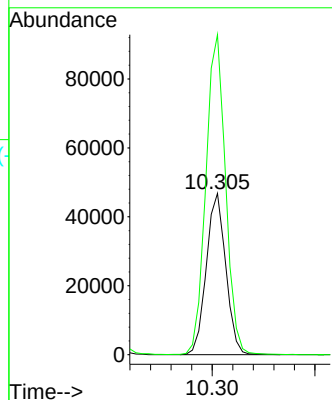
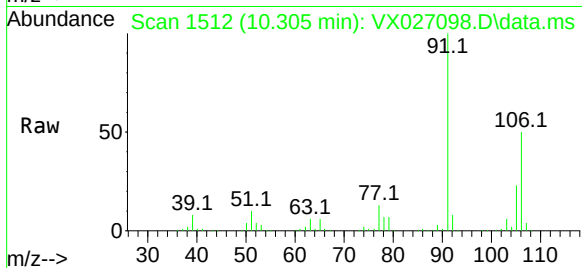
ICVX021822

Tgt Ion:106 Resp: 61737

Ion Ratio Lower Upper

106 100

91 200.8 162.4 243.6



#68

o-Xylene

Concen: 17.231 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX027098.D

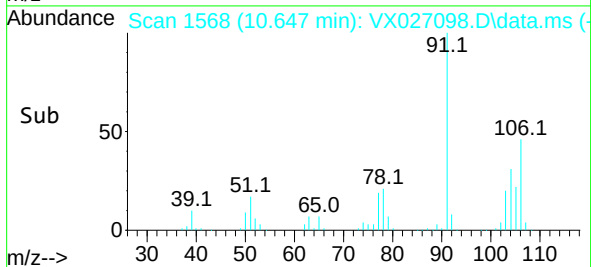
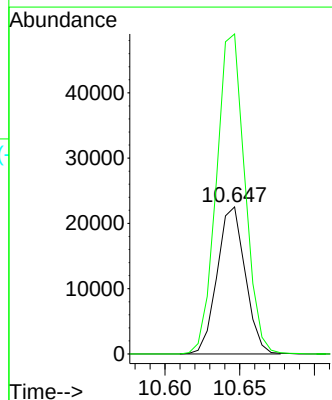
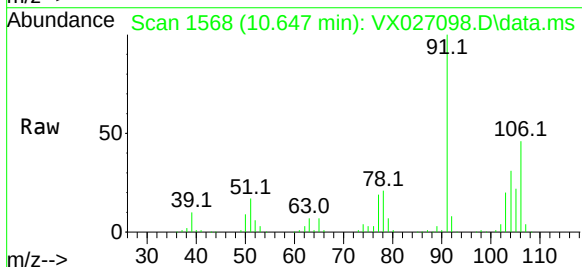
Acq: 18 Feb 2022 00:17

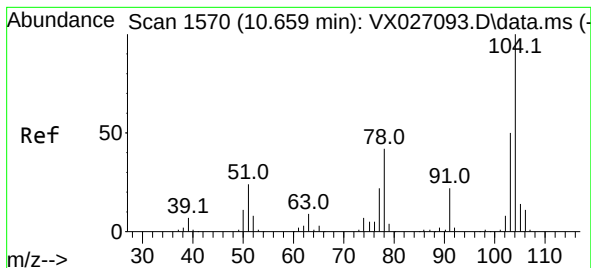
Tgt Ion:106 Resp: 29379

Ion Ratio Lower Upper

106 100

91 220.7 104.9 314.7





#69

Styrene

Concen: 17.474 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

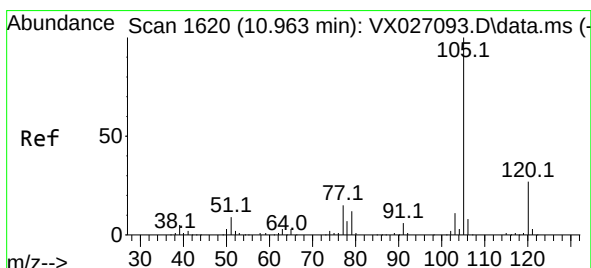
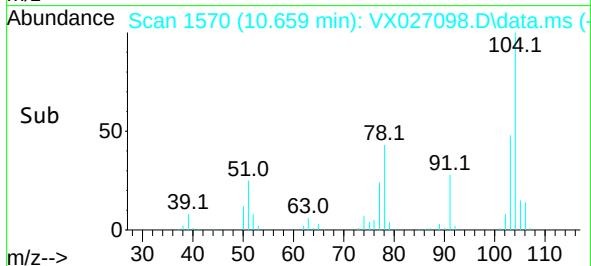
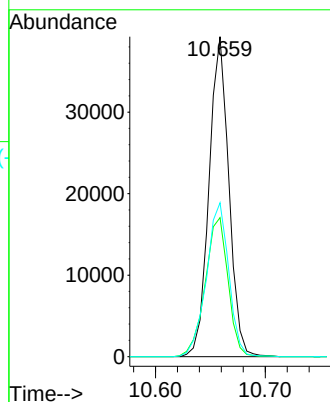
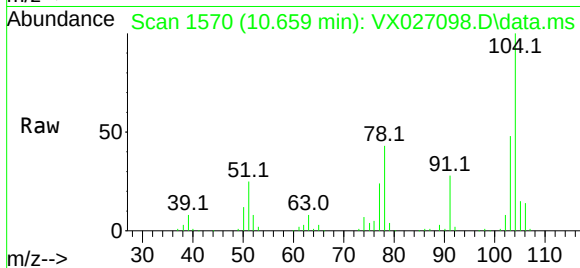
Tgt Ion:104 Resp: 49351

Ion Ratio Lower Upper

104 100

78 50.0 40.0 60.0

103 54.4 43.6 65.4



#70

Isopropylbenzene

Concen: 17.668 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX027098.D

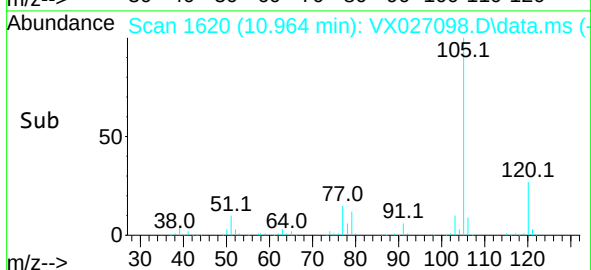
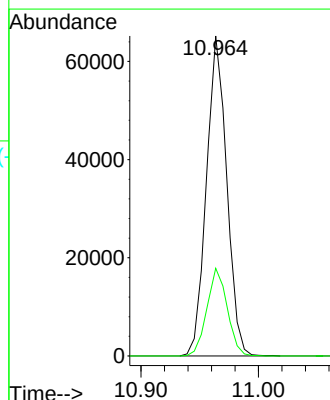
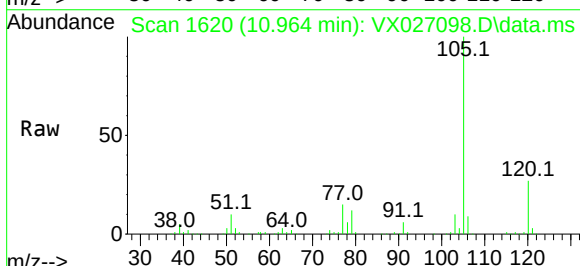
Acq: 18 Feb 2022 00:17

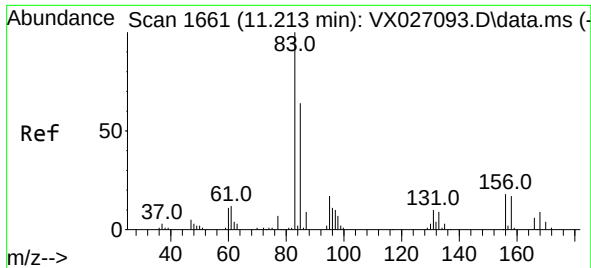
Tgt Ion:105 Resp: 78134

Ion Ratio Lower Upper

105 100

120 27.4 18.7 34.7

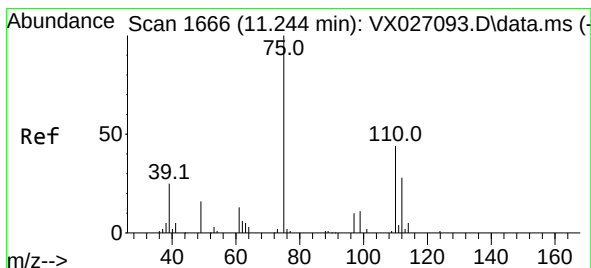
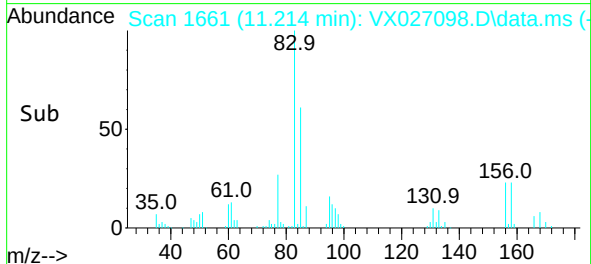
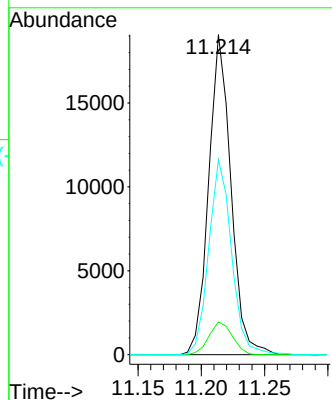
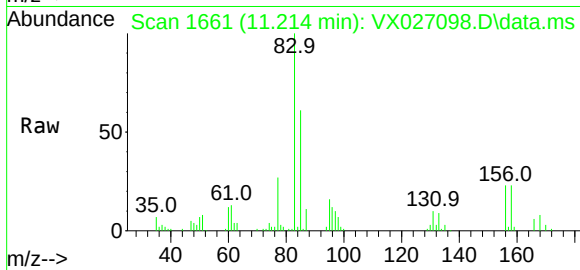




#71  
1,1,2,2-Tetrachloroethane  
Concen: 17.932 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

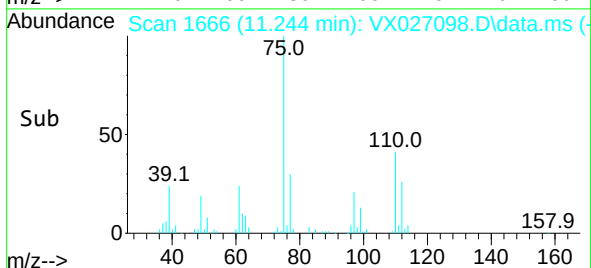
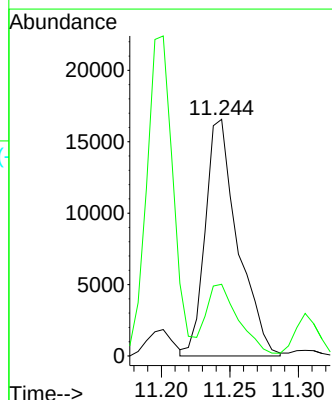
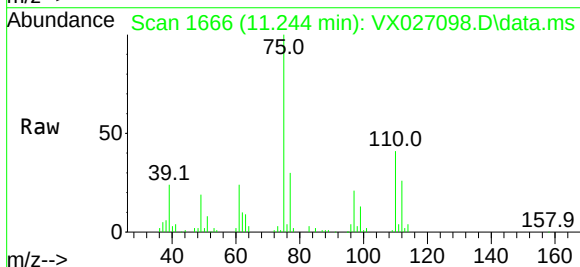
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

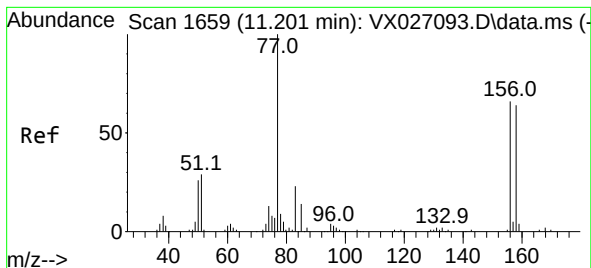
Tgt Ion: 83 Resp: 23348  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.3 15.9  
85 62.5 32.2 96.6



#72  
1,2,3-Trichloropropane  
Concen: 21.033 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 75 Resp: 27319  
Ion Ratio Lower Upper  
75 100  
77 30.4 0.0 74.0





#73

Bromobenzene

Concen: 17.219 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

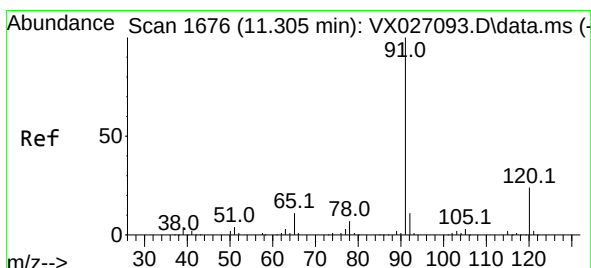
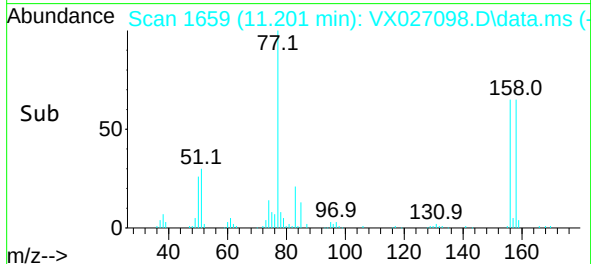
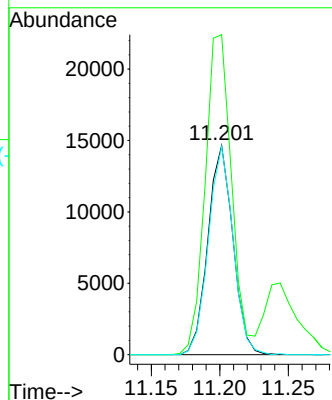
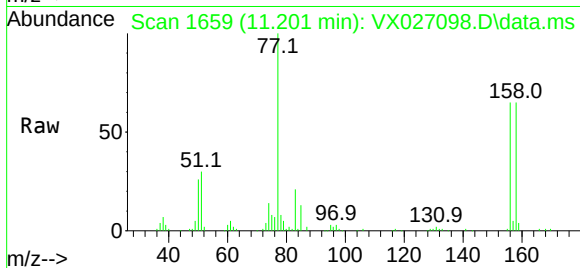
Tgt Ion:156 Resp: 18659

Ion Ratio Lower Upper

156 100

77 162.2 0.0 318.0

158 98.0 0.0 191.8



#74

n-propylbenzene

Concen: 17.451 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX027098.D

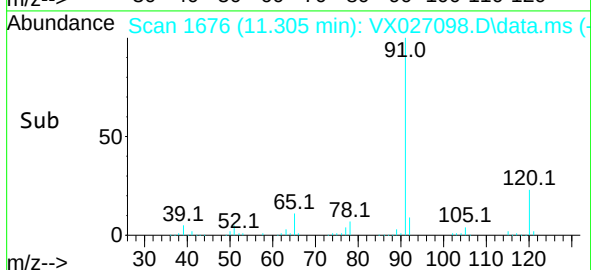
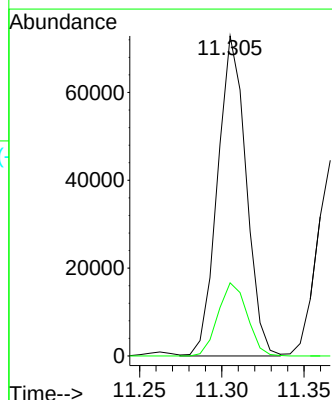
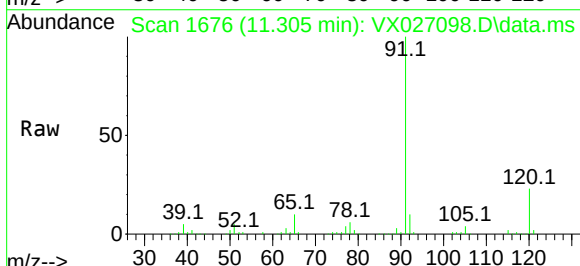
Acq: 18 Feb 2022 00:17

Tgt Ion: 91 Resp: 88183

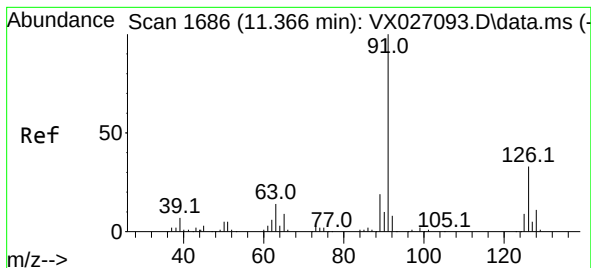
Ion Ratio Lower Upper

91 100

120 23.2 0.0 46.4



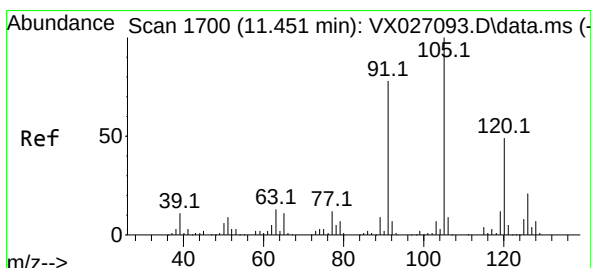
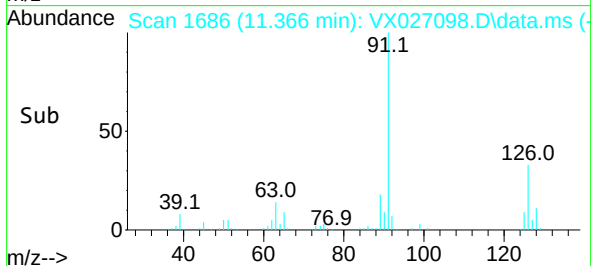
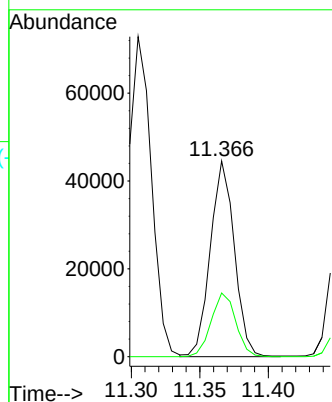
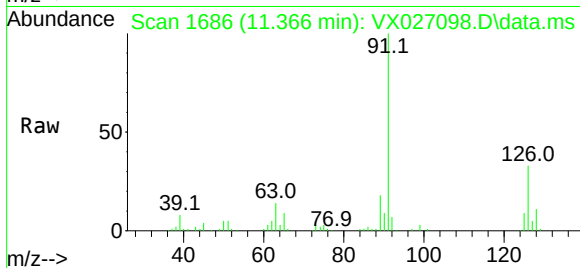




#75  
2-Chlorotoluene  
Concen: 17.384 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

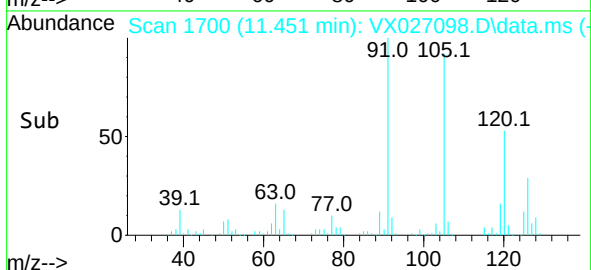
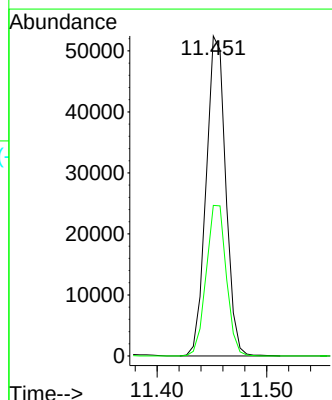
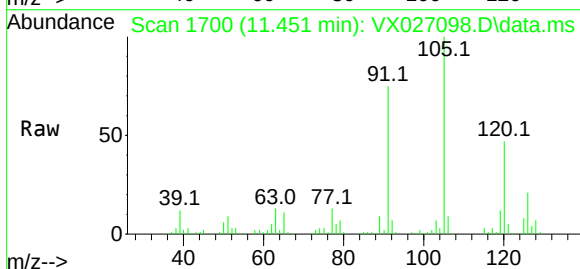
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

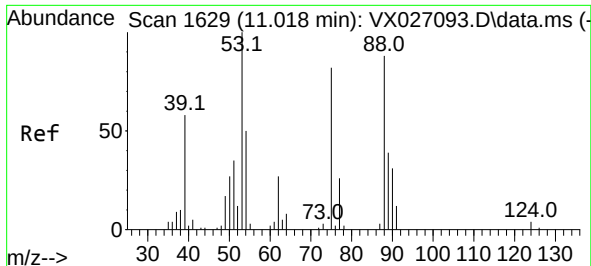
Tgt Ion: 91 Resp: 54360  
Ion Ratio Lower Upper  
91 100  
126 33.3 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 17.569 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 105 Resp: 65012  
Ion Ratio Lower Upper  
105 100  
120 48.4 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.308 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

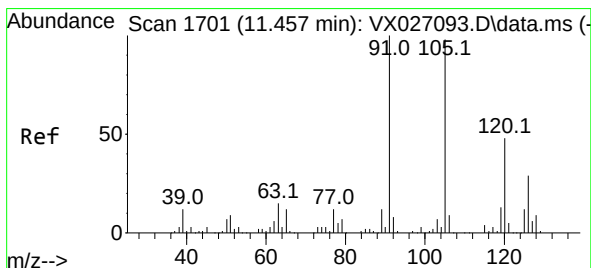
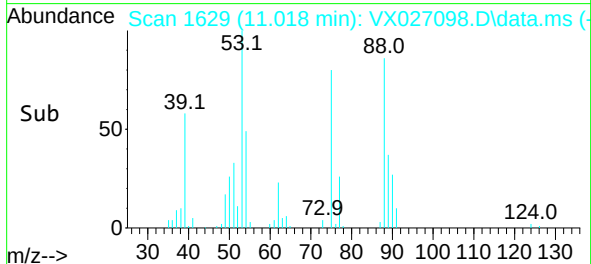
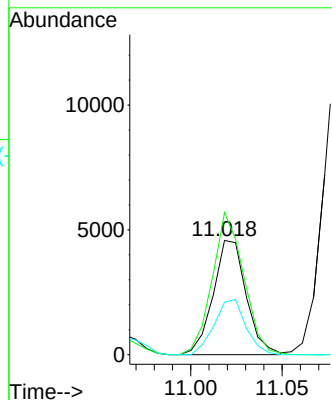
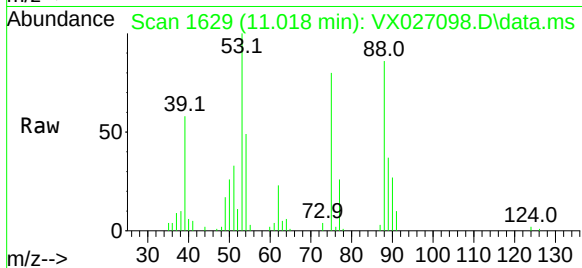
Tgt Ion: 75 Resp: 5768

Ion Ratio Lower Upper

75 100

53 124.5 60.8 182.3

89 45.9 23.8 71.2



#78

4-Chlorotoluene

Concen: 17.337 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX027098.D

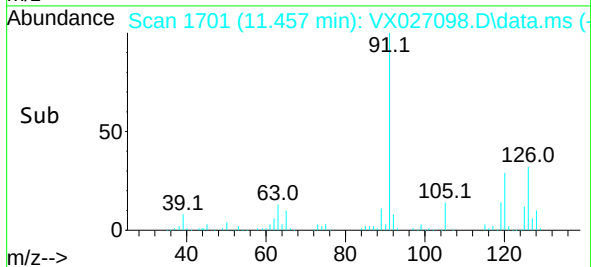
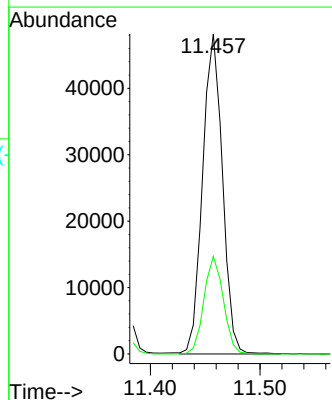
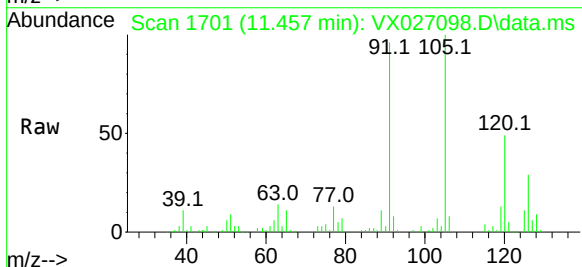
Acq: 18 Feb 2022 00:17

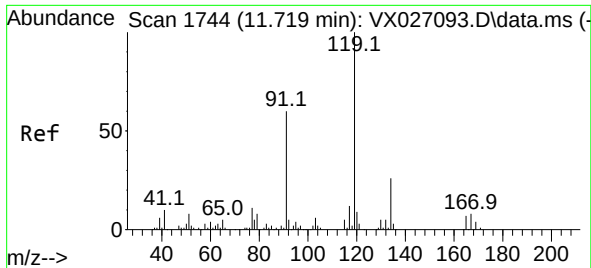
Tgt Ion: 91 Resp: 60586

Ion Ratio Lower Upper

91 100

126 29.7 0.0 59.0

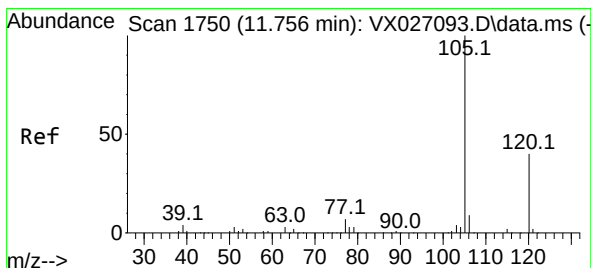
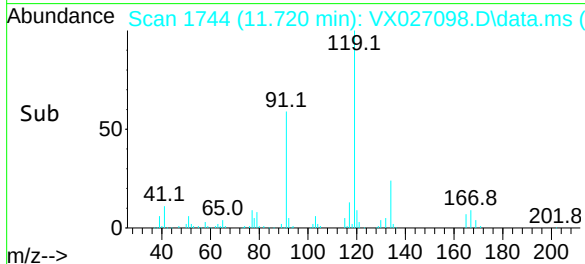
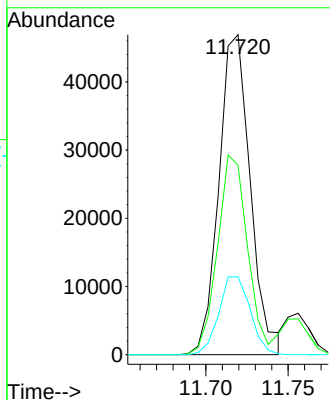
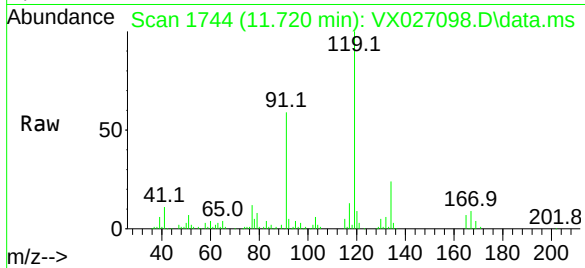




#79  
tert-butylbenzene  
Concen: 17.687 ug/l  
RT: 11.720 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

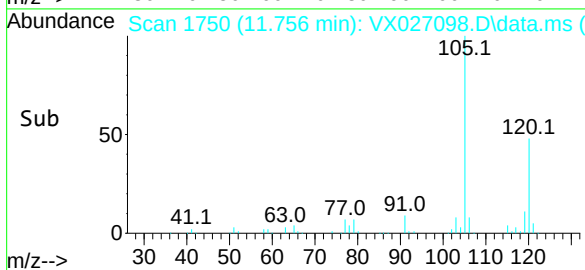
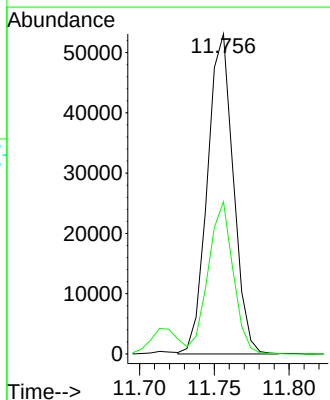
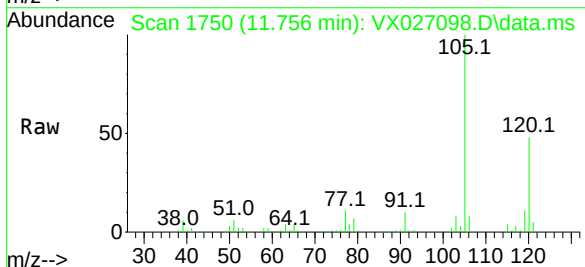
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

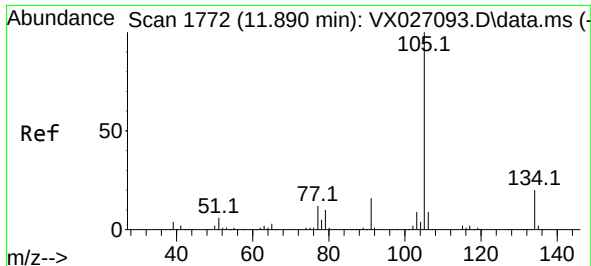
Tgt Ion:119 Resp: 62498  
Ion Ratio Lower Upper  
119 100  
91 59.5 0.0 124.2  
134 24.4 0.0 50.4



#80  
1,2,4-Trimethylbenzene  
Concen: 17.340 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion:105 Resp: 64065  
Ion Ratio Lower Upper  
105 100  
120 45.7 0.0 89.2

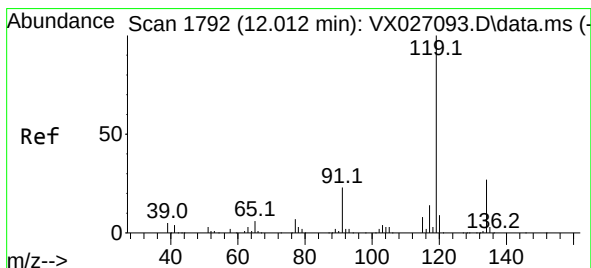
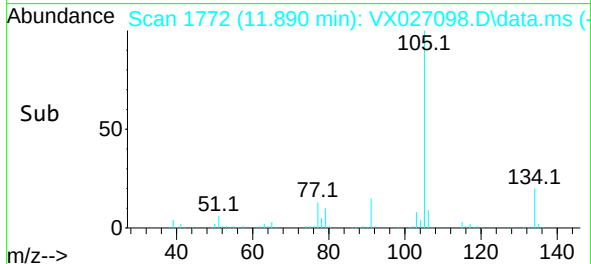
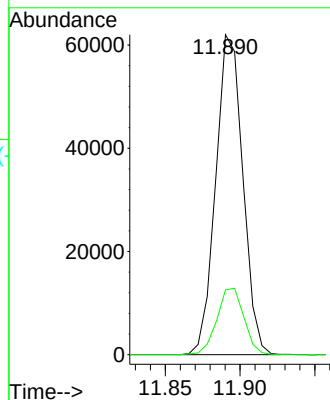
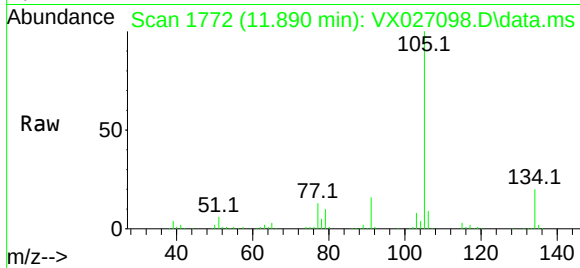




#81  
 sec-Butylbenzene  
 Concen: 17.277 ug/l  
 RT: 11.890 min Scan# 11772  
 Delta R.T. 0.000 min  
 Lab File: VX027098.D  
 Acq: 18 Feb 2022 00:17

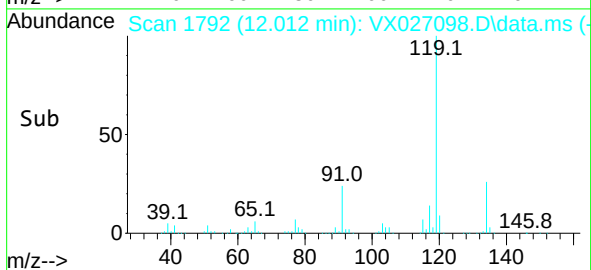
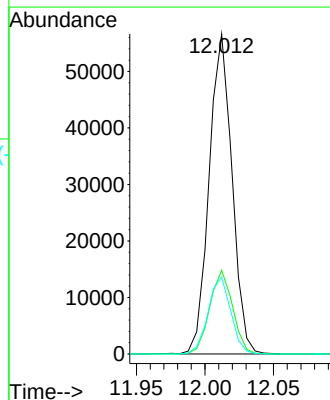
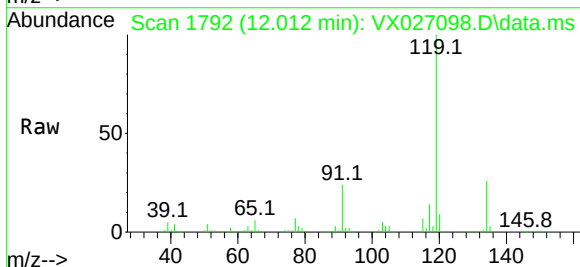
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX021822

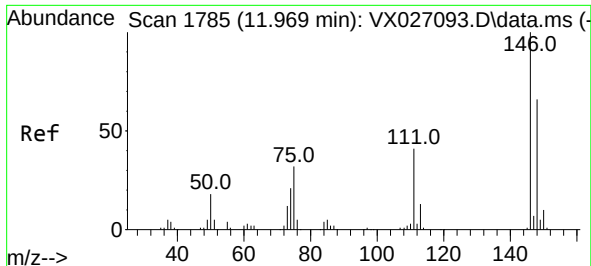
Tgt Ion:105 Resp: 78173  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 17.292 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX027098.D  
 Acq: 18 Feb 2022 00:17

Tgt Ion:119 Resp: 65756  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 52.8  
 91 23.8 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 17.071 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

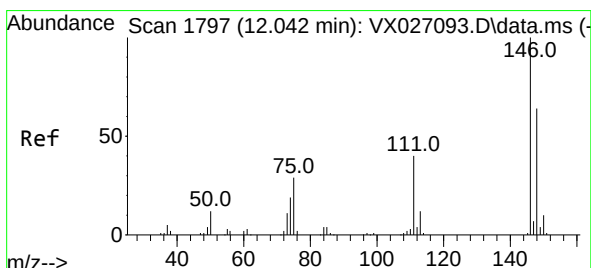
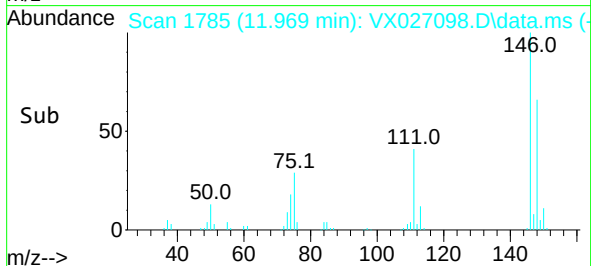
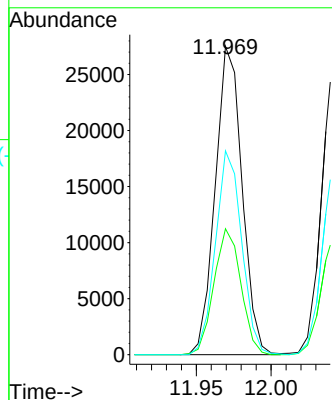
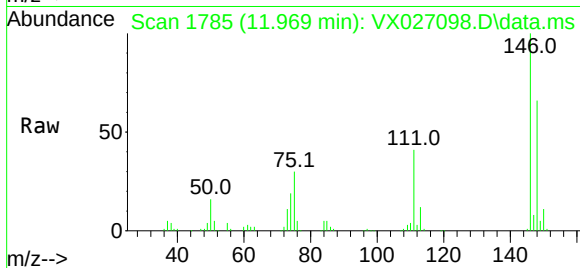
Tgt Ion:146 Resp: 34363

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 64.7 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 17.096 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

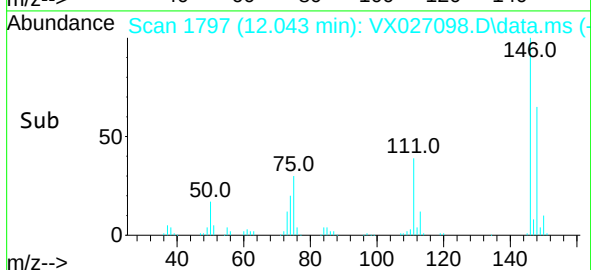
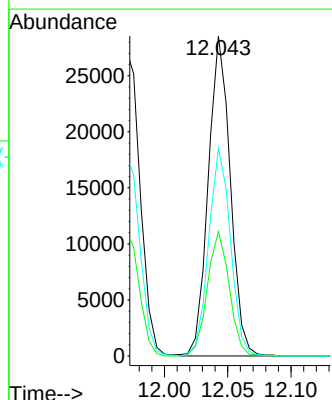
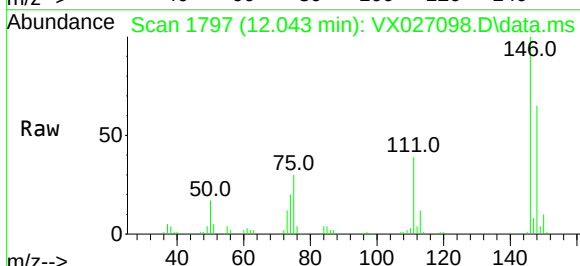
Tgt Ion:146 Resp: 34549

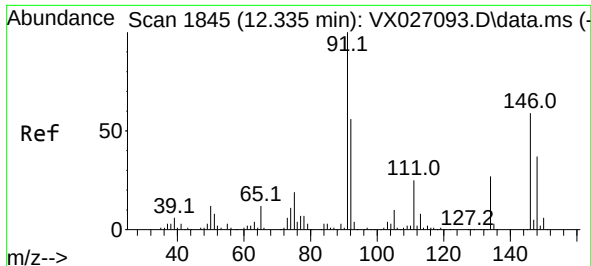
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 64.5 32.0 96.2

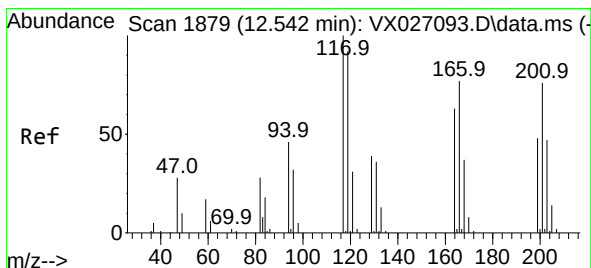
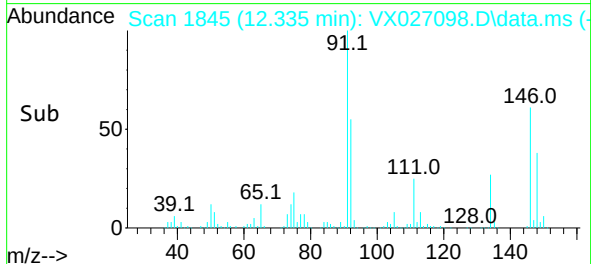
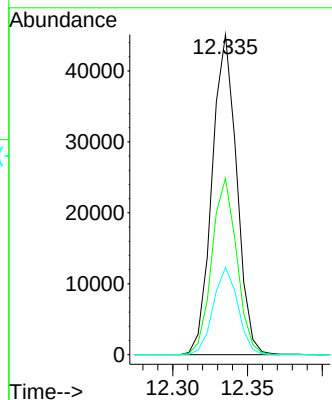
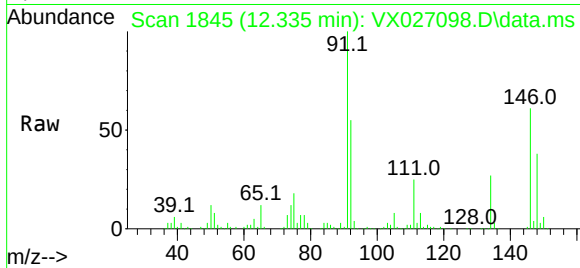




#85  
n-Butylbenzene  
Concen: 16.374 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

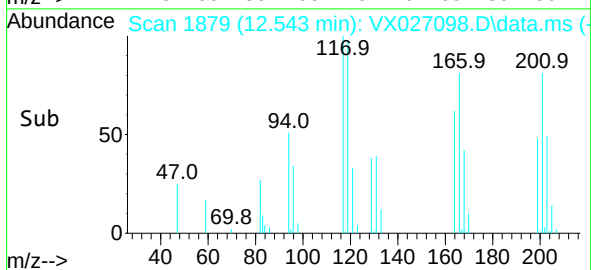
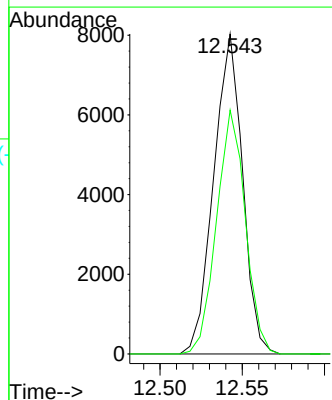
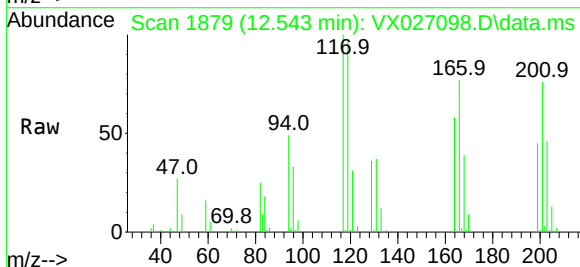
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

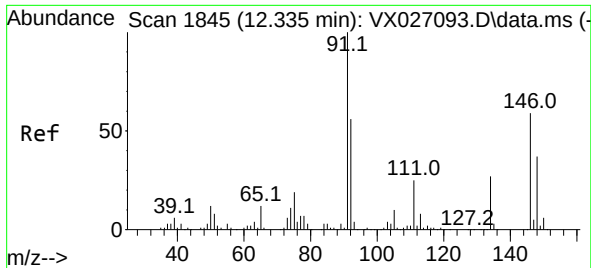
Tgt Ion: 91 Resp: 51693  
Ion Ratio Lower Upper  
91 100  
92 55.5 0.0 111.2  
134 27.2 0.0 53.8



#86  
Hexachloroethane  
Concen: 16.239 ug/l  
RT: 12.543 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Tgt Ion: 117 Resp: 9801  
Ion Ratio Lower Upper  
117 100  
201 76.1 36.9 110.7

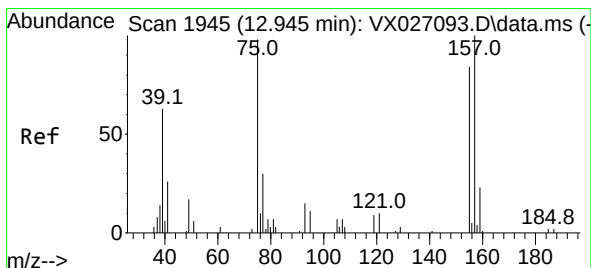
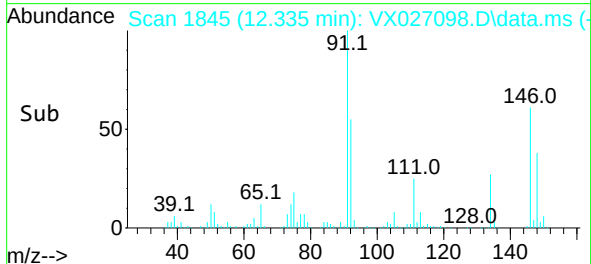
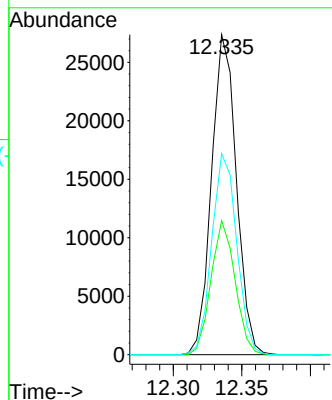
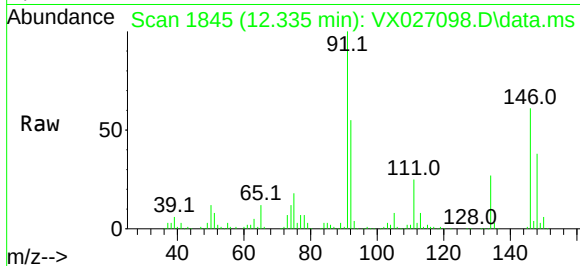




#87  
1,2-Dichlorobenzene  
Concen: 17.639 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

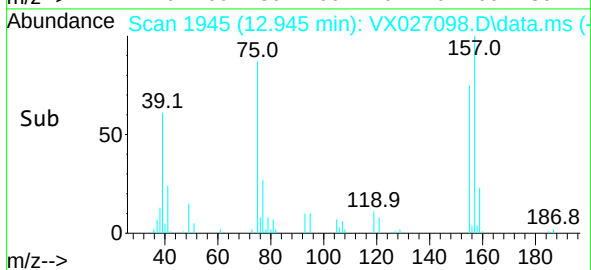
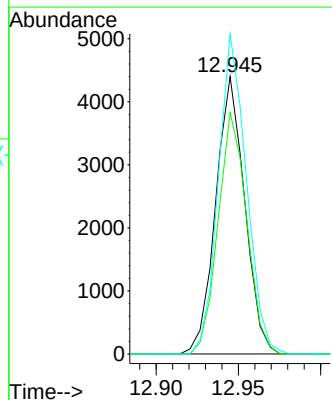
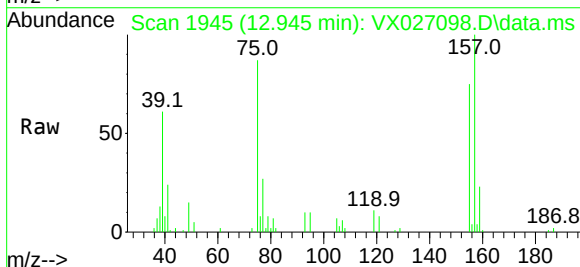
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

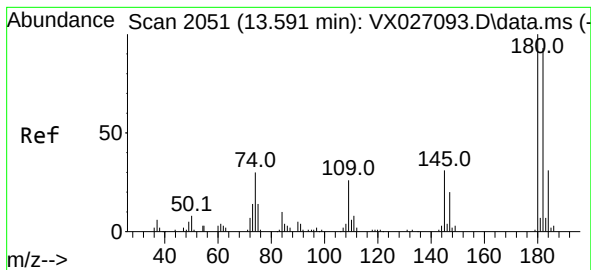
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 34481 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.6  | 21.2  | 63.6  |
| 148      | 63.3  | 31.6  | 95.0  |



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 16.943 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5396  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 85.9  | 69.8  | 104.6 |
| 157      | 111.5 | 88.2  | 132.2 |





#89

1,2,4-Trichlorobenzene

Concen: 16.628 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX021822

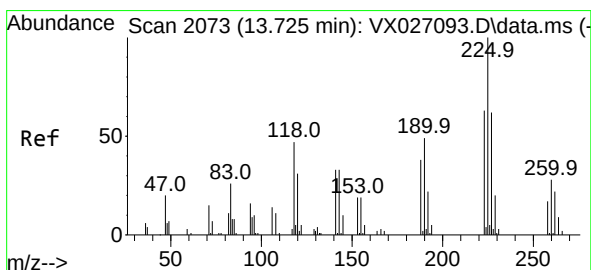
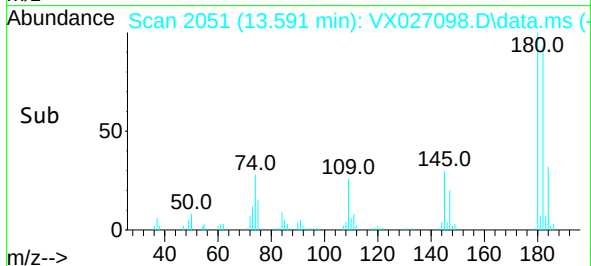
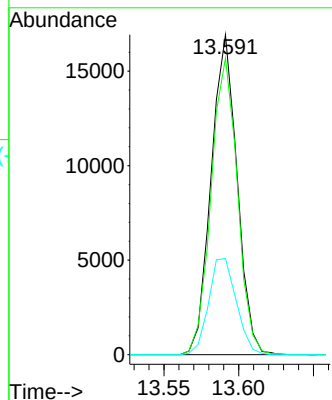
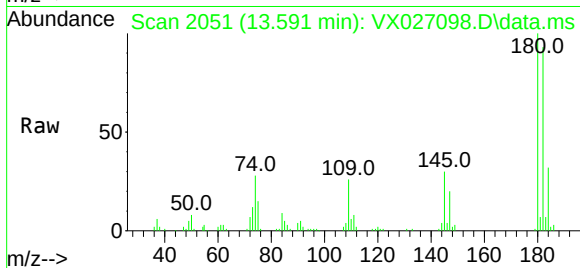
Tgt Ion:180 Resp: 20453

Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

145 32.2 26.0 39.0



#90

Hexachlorobutadiene

Concen: 16.832 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX027098.D

Acq: 18 Feb 2022 00:17

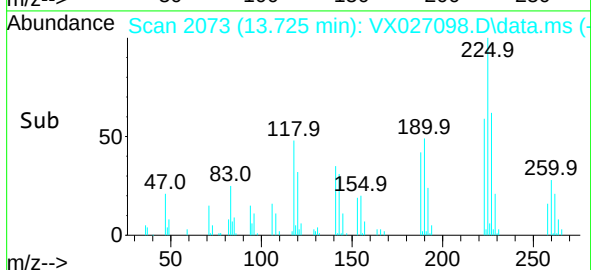
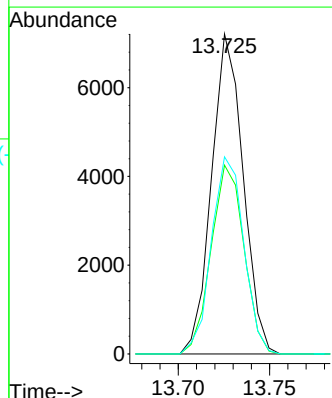
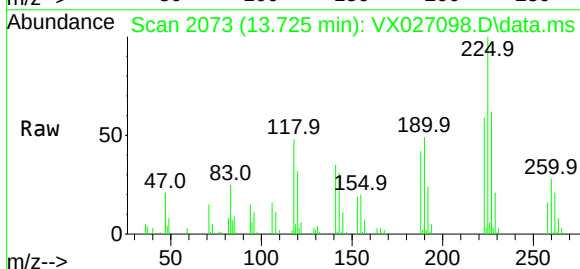
Tgt Ion:225 Resp: 8670

Ion Ratio Lower Upper

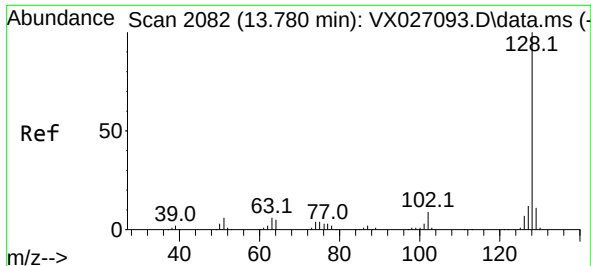
225 100

223 61.2 0.0 130.4

227 63.1 0.0 127.4



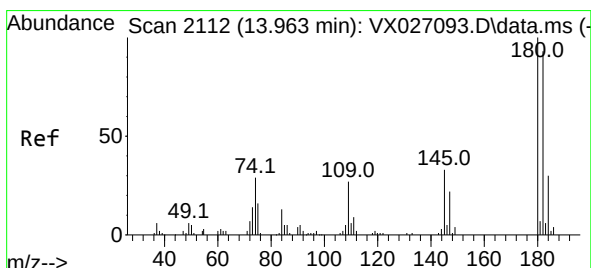
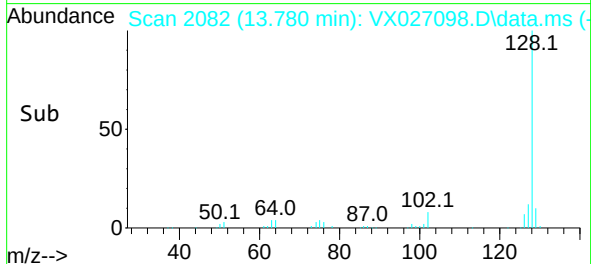
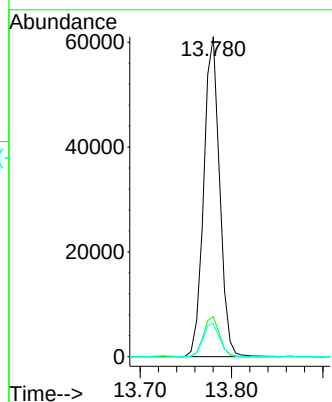
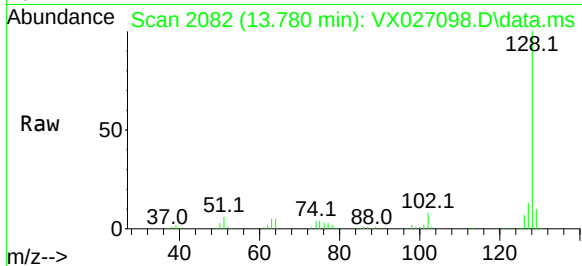




#91  
Naphthalene  
Concen: 17.002 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX021822

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:128 | Resp: | 73525       |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 127         | 12.7  | 9.9 14.9    |
| 129         | 10.8  | 8.8 13.2    |



#92  
1,2,3-Trichlorobenzene  
Concen: 16.891 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX027098.D  
Acq: 18 Feb 2022 00:17

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 21022       |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 94.5  | 0.0 190.6   |
| 145         | 33.4  | 0.0 67.2    |

