

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010423\  
 Data File : VX033614.D  
 Acq On : 04 Jan 2023 12:37  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 05 04:16:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:12:17 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 5.555  | 168   | 189559   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 275097   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 249908   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 129683   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 214542   | 100.259  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 200.520%# |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 184734   | 102.166  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 204.340%# |          |
| 50) Toluene-d8               | 8.652  | 98    | 671181   | 103.851  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 207.700%# |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 251368   | 109.728  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 219.460%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 169656   | 112.174  | ug/l        | 98       |
| 3) Chloromethane             | 1.294  | 50    | 184347   | 95.814   | ug/l        | 100      |
| 4) Vinyl Chloride            | 1.373  | 62    | 146688   | 85.955   | ug/l        | 97       |
| 5) Bromomethane              | 1.617  | 94    | 98925    | 103.665  | ug/l        | 99       |
| 6) Chloroethane              | 1.690  | 64    | 96930    | 98.571   | ug/l        | 99       |
| 7) Trichlorofluoromethane    | 1.885  | 101   | 262711   | 108.815  | ug/l        | 99       |
| 8) Diethyl Ether             | 2.135  | 74    | 79614    | 104.850  | ug/l        | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.330  | 101   | 124670   | 97.647   | ug/l        | 100      |
| 10) Methyl Iodide            | 2.452  | 142   | 265735   | 120.638  | ug/l        | 99       |
| 11) Tert butyl alcohol       | 3.001  | 59    | 123017   | 350.629  | ug/l #      | 92       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 116966   | 98.347   | ug/l        | 95       |
| 13) Acrolein                 | 2.239  | 56    | 111492   | 481.214  | ug/l        | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 321672   | 108.772  | ug/l        | 98       |
| 15) Acrylonitrile            | 3.068  | 53    | 506608   | 532.801  | ug/l        | 99       |
| 16) Acetone                  | 2.391  | 43    | 376924   | 456.795  | ug/l        | 98       |
| 17) Carbon Disulfide         | 2.513  | 76    | 444964   | 113.886  | ug/l        | 99       |
| 18) Methyl Acetate           | 2.708  | 43    | 313446   | 105.679  | ug/l        | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 600164   | 107.832  | ug/l        | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 189694   | 88.688   | ug/l        | 98       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 185544   | 106.082  | ug/l        | 98       |
| 22) Diisopropyl ether        | 3.763  | 45    | 631594   | 105.997  | ug/l        | 90       |
| 23) Vinyl Acetate            | 3.720  | 43    | 2508349  | 548.208  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 338688   | 105.055  | ug/l        | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 731788   | 524.071  | ug/l        | 98       |
| 26) 2,2-Dichloropropane      | 4.476  | 77    | 257317   | 115.451  | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 216992   | 106.965  | ug/l        | 99       |
| 28) Bromochloromethane       | 4.897  | 49    | 132041   | 100.825  | ug/l        | 98       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 470144   | 530.529  | ug/l        | 99       |
| 30) Chloroform               | 5.092  | 83    | 344437   | 104.580  | ug/l        | 98       |
| 31) Cyclohexane              | 5.470  | 56    | 314796   | 105.676  | ug/l        | 100      |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 307670   | 108.038  | ug/l        | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 263207   | 107.462  | ug/l        | 99       |
| 37) Ethyl Acetate            | 4.714  | 43    | 287625   | 95.266   | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 5.677  | 117   | 278896   | 107.597  | ug/l        | 99       |
| 39) Methylcyclohexane        | 7.384  | 83    | 328871   | 107.538  | ug/l        | 99       |
| 40) Benzene                  | 6.037  | 78    | 749728   | 104.729  | ug/l        | 99       |

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 Data File : VX033614.D  
 Acq On : 04 Jan 2023 12:37  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 05 04:16:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:12:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.921  | 41   | 164272   | 110.387  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 274471   | 102.857  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 470808   | 112.427  | ug/l   | 99       |
| 44) Trichloroethene           | 7.128  | 130  | 215744   | 105.612  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 194697   | 105.578  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 137529   | 106.523  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.823  | 83   | 272156   | 108.808  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.695  | 41   | 236727   | 111.677  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 92518    | 2051.983 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1393158  | 525.624  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 493365   | 104.826  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 300576   | 120.386  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 322798   | 116.590  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 198953   | 107.921  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 316666   | 115.061  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 336212   | 106.595  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 679786   | 485.577  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 1044438  | 533.432  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.524  | 129  | 229957   | 114.040  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 213604   | 109.546  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.274  | 164  | 192491   | 104.663  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.079 | 112  | 541272   | 105.838  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 211216   | 110.487  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 950015   | 106.422  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 751185   | 215.622  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 368422   | 106.663  | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 619834   | 109.233  | ug/l   | 99       |
| 71) Bromoform                 | 10.798 | 173  | 180579   | 117.984  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 955181   | 104.295  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 400376   | 107.889  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 289154   | 101.297  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 322807   | 135.872  | ug/l   | 84       |
| 77) Bromobenzene              | 11.201 | 156  | 252536   | 104.166  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.304 | 91   | 1084232  | 104.425  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 639446   | 102.544  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 784134   | 103.995  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 93125    | 118.968  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 736442   | 102.143  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 822827   | 104.595  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.749 | 105  | 782152   | 103.377  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 997262   | 107.299  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 865090   | 108.924  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 461998   | 105.879  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 463678   | 108.628  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 745539   | 112.252  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 148873   | 116.187  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 442714   | 106.184  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 63278    | 119.217  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 318350   | 126.887  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 150833   | 118.414  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 941077   | 120.888  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 312861   | 122.904  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010423\  
Data File : VX033614.D  
Acq On : 04 Jan 2023 12:37  
Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Quant Time: Jan 05 04:16:29 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 05 04:12:17 2023  
Response via : Initial Calibration

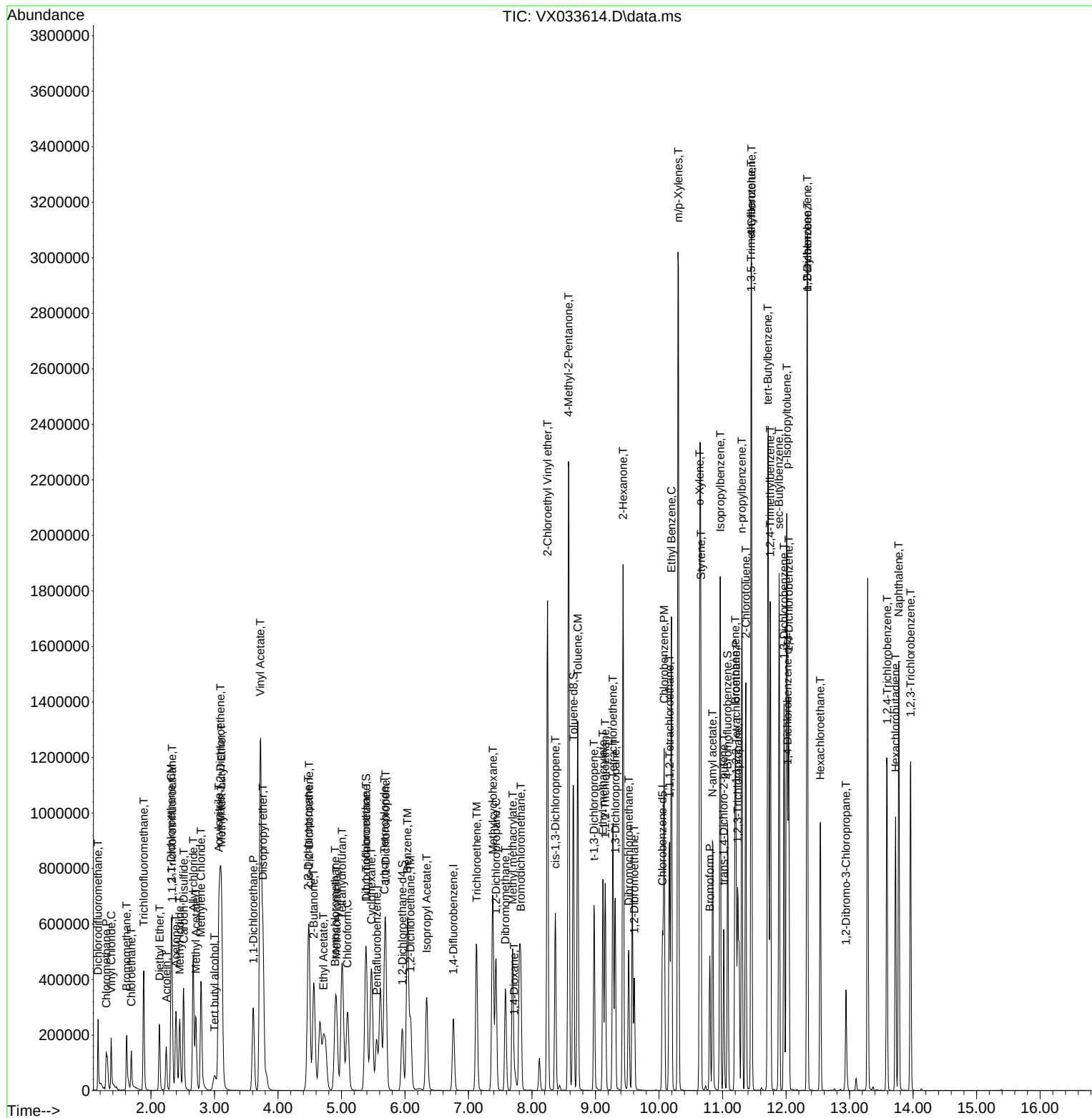
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

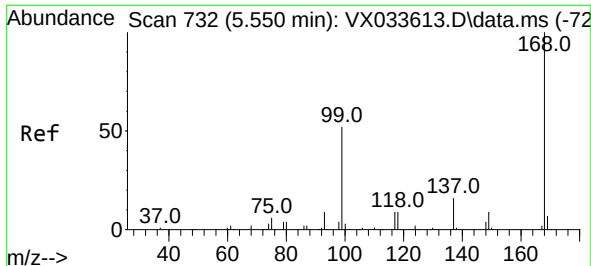
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010423\  
 Data File : VX033614.D  
 Acq On : 04 Jan 2023 12:37  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Quant Time: Jan 05 04:16:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:12:17 2023  
 Response via : Initial Calibration

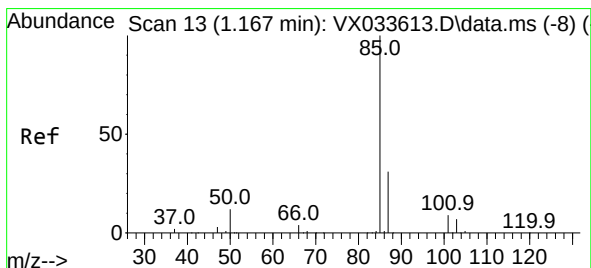
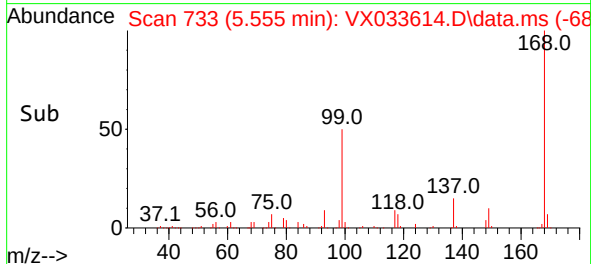
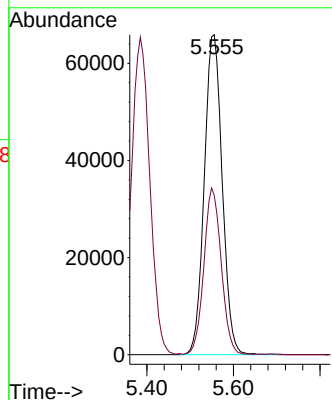
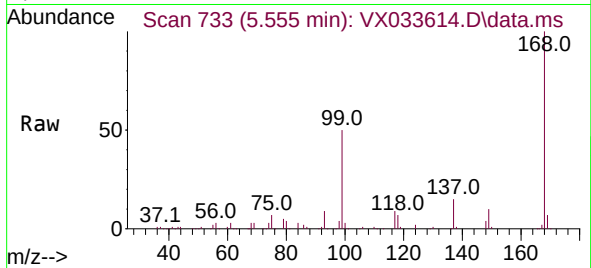




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.555 min Scan# 71  
Delta R.T. 0.005 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

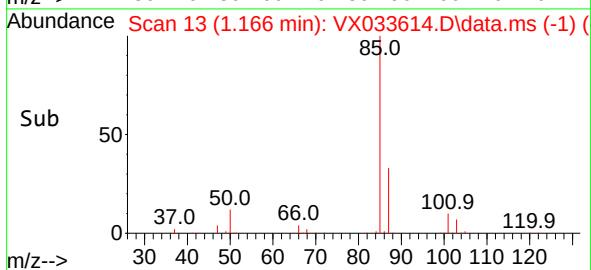
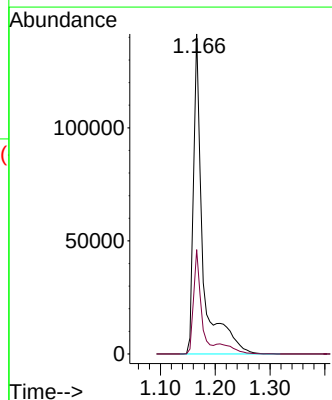
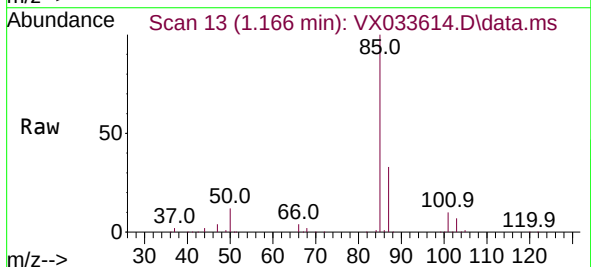
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

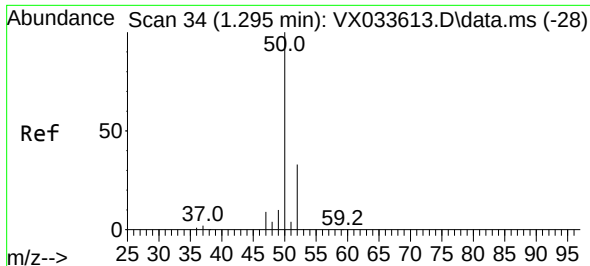
Tgt Ion:168 Resp: 189559  
Ion Ratio Lower Upper  
168 100  
99 49.6 41.4 62.2



#2  
Dichlorodifluoromethane  
Concen: 112.174 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 85 Resp: 169656  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.7 47.0

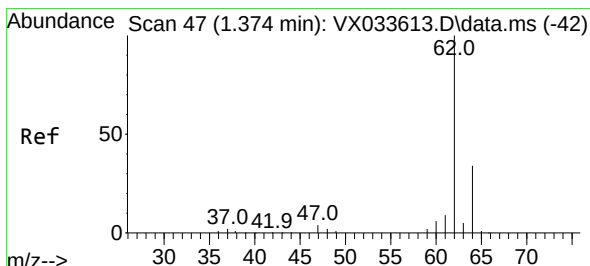
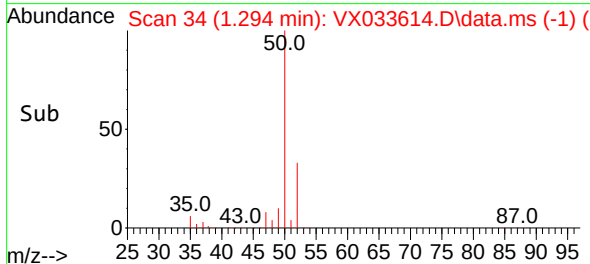
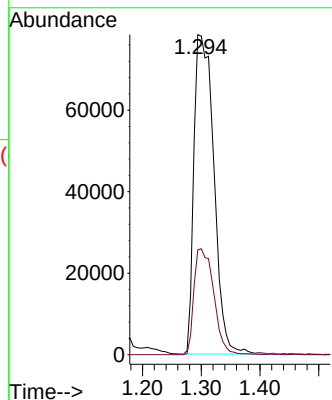
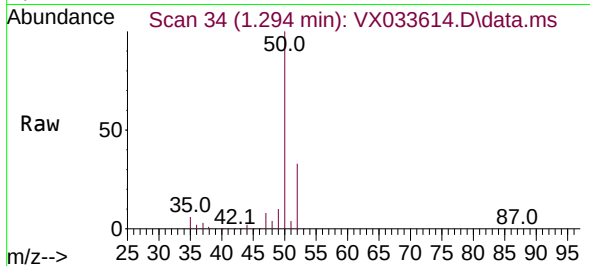




#3  
Chloromethane  
Concen: 95.814 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

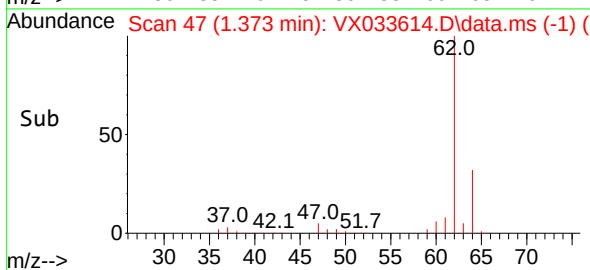
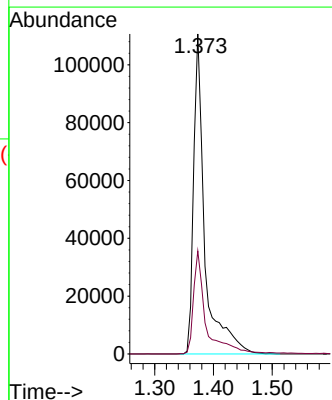
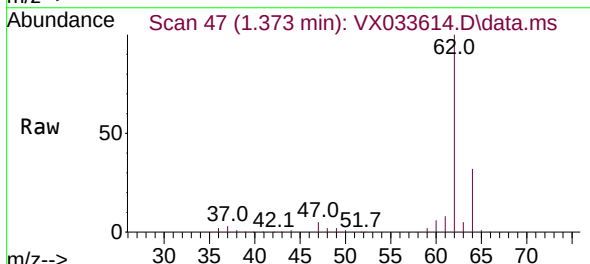
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

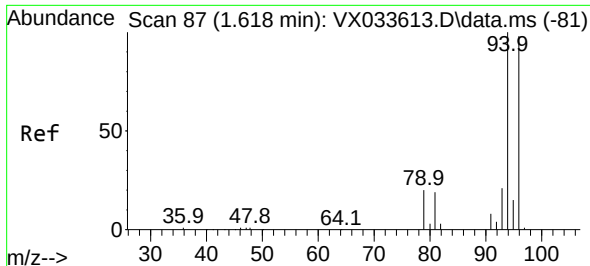
Tgt Ion: 50 Resp: 184347  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.1 39.1



#4  
Vinyl Chloride  
Concen: 85.955 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 62 Resp: 146688  
Ion Ratio Lower Upper  
62 100  
64 32.1 27.2 40.8

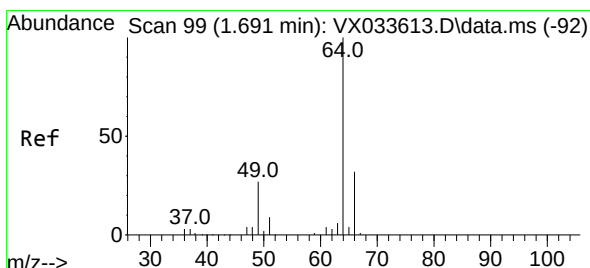
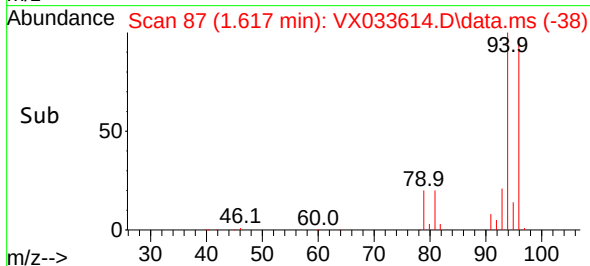
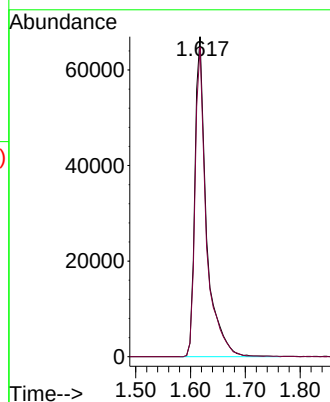
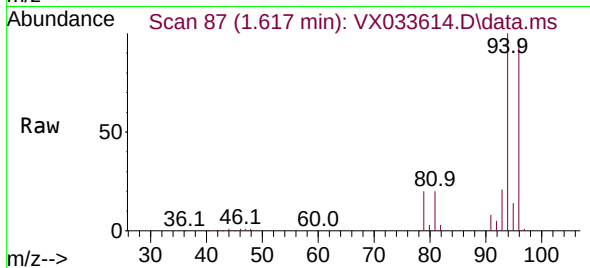




#5  
Bromomethane  
Concen: 103.665 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

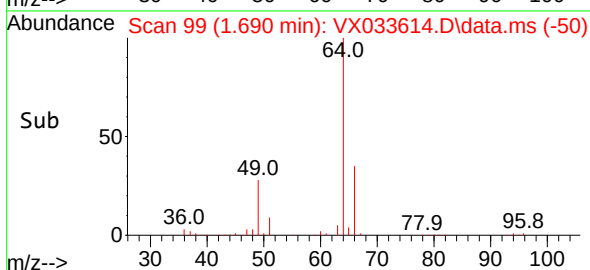
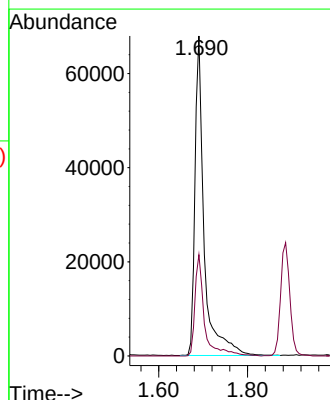
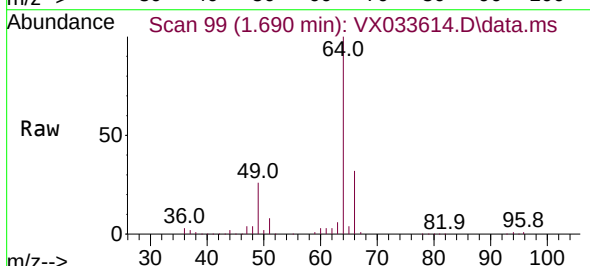
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

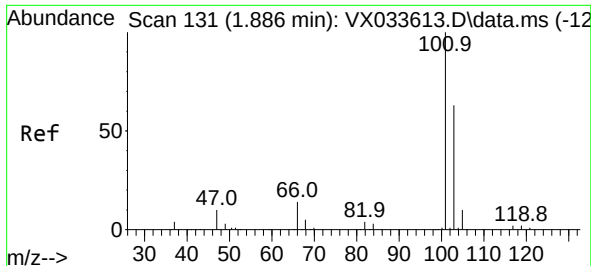
Tgt Ion: 94 Resp: 98925  
Ion Ratio Lower Upper  
94 100  
96 96.7 78.0 117.0



#6  
Chloroethane  
Concen: 98.571 ug/l  
RT: 1.690 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 64 Resp: 96930  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.7 38.5

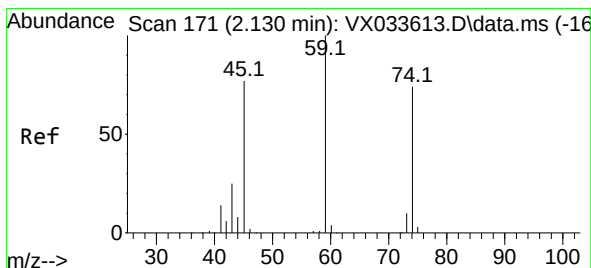
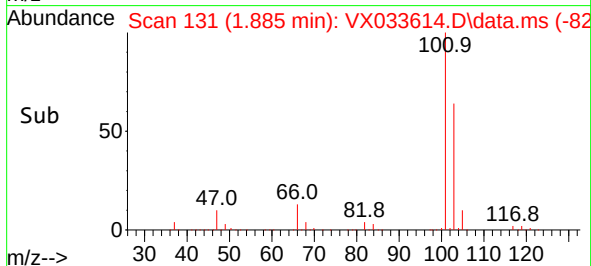
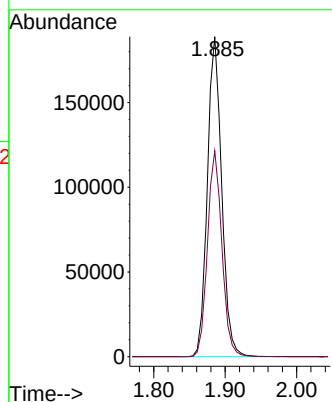
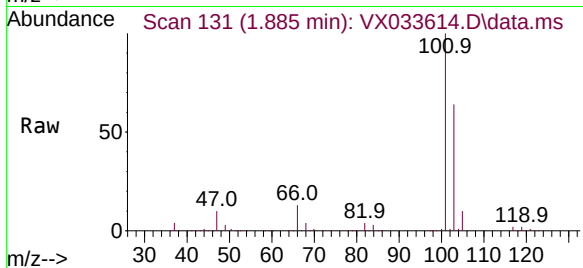




#7  
Trichlorofluoromethane  
Concen: 108.815 ug/l  
RT: 1.885 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

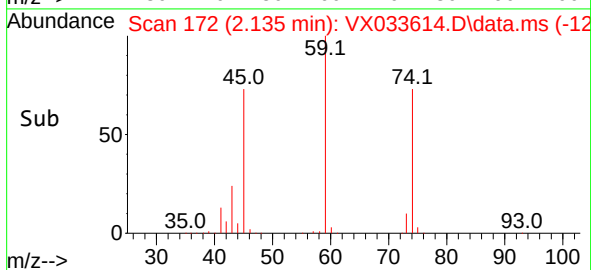
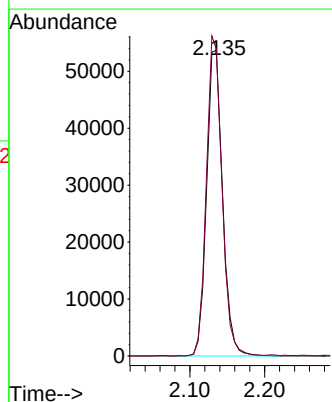
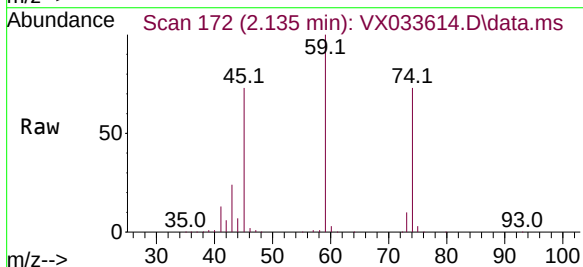
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion:101 Resp: 262711  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.6 75.8

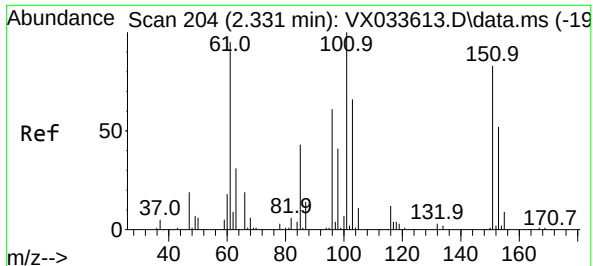


#8  
Diethyl Ether  
Concen: 104.850 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 74 Resp: 79614  
Ion Ratio Lower Upper  
74 100  
45 102.5 50.1 150.4



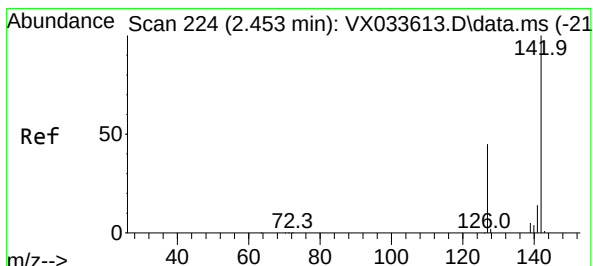
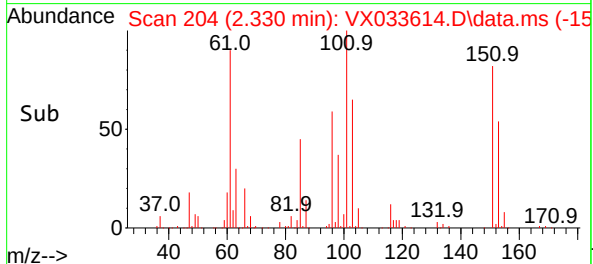
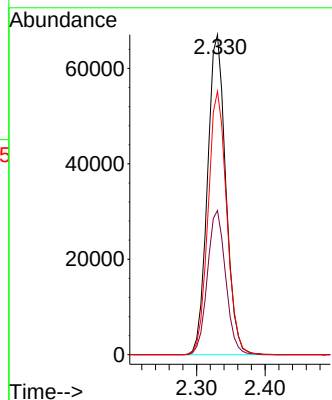
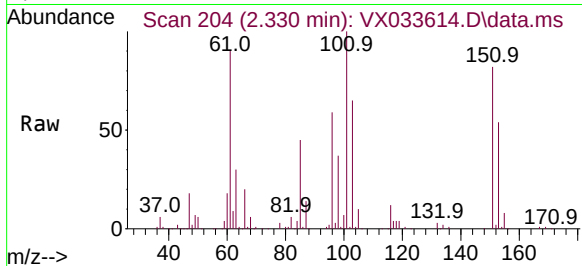




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 97.647 ug/l  
RT: 2.330 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

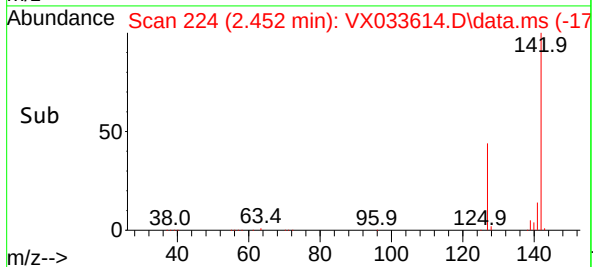
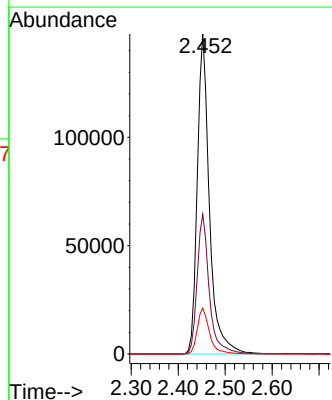
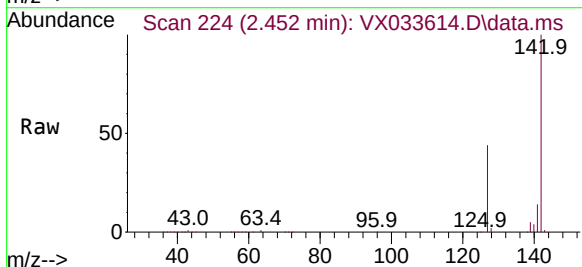
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

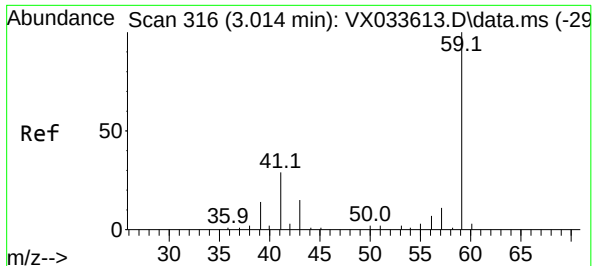
Tgt Ion:101 Resp: 124670  
Ion Ratio Lower Upper  
101 100  
85 44.9 35.7 53.5  
151 83.6 66.7 100.1



#10  
Methyl Iodide  
Concen: 120.638 ug/l  
RT: 2.452 min Scan# 224  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion:142 Resp: 265735  
Ion Ratio Lower Upper  
142 100  
127 43.6 35.7 53.5  
141 14.4 11.6 17.4

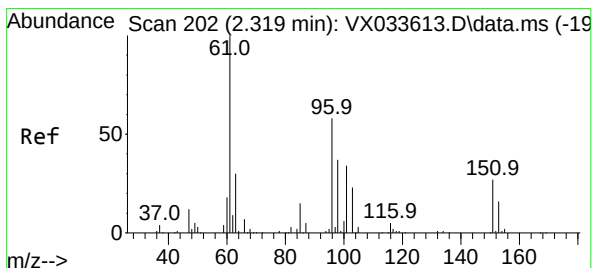
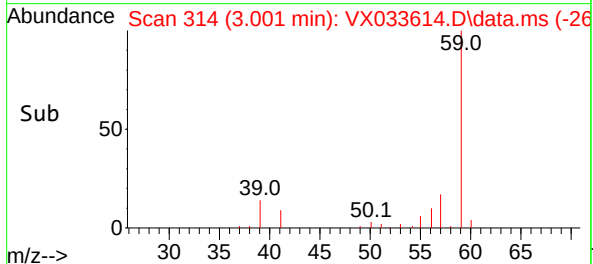
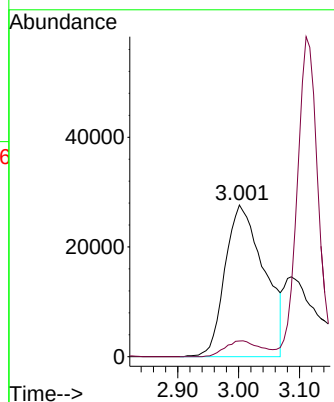
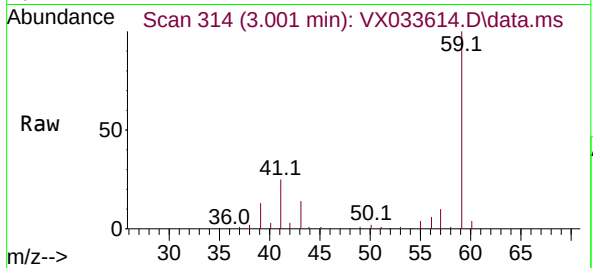




#11  
Tert butyl alcohol  
Concen: 350.629 ug/l  
RT: 3.001 min Scan# 316  
Delta R.T. -0.013 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

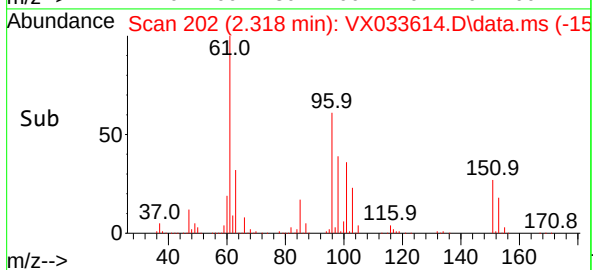
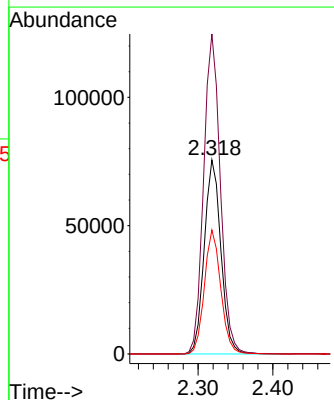
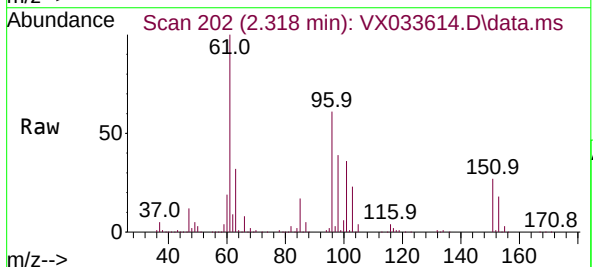
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

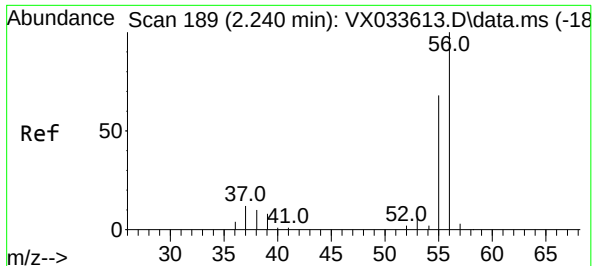
Tgt Ion: 59 Resp: 123017  
Ion Ratio Lower Upper  
59 100  
57 9.5 5.5 8.3#



#12  
1,1-Dichloroethene  
Concen: 98.347 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 96 Resp: 116966  
Ion Ratio Lower Upper  
96 100  
61 164.9 139.1 208.7  
98 63.9 50.8 76.2

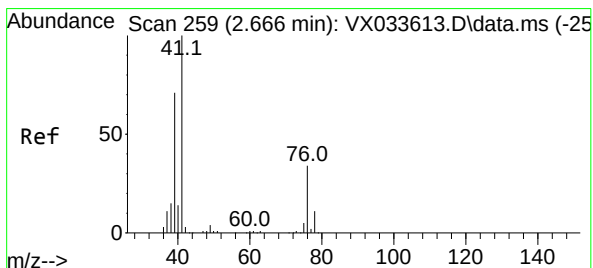
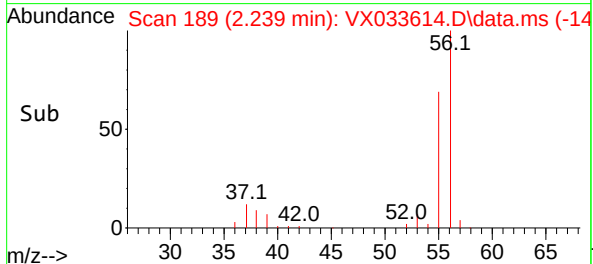
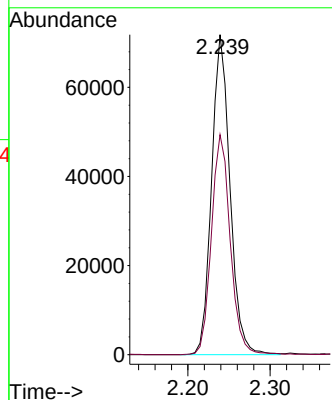
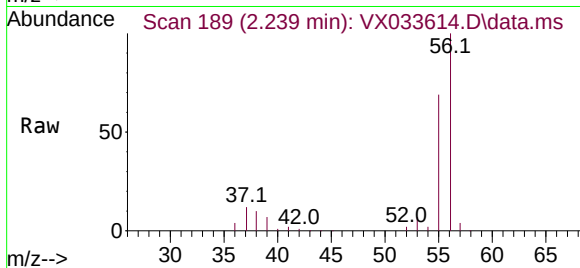




#13  
Acrolein  
Concen: 481.214 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

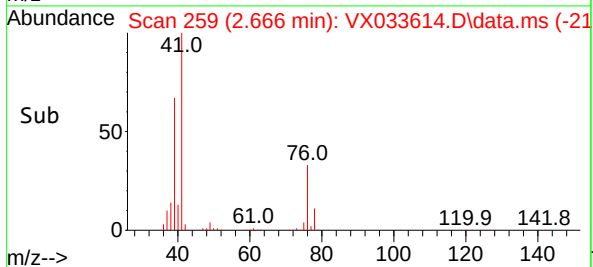
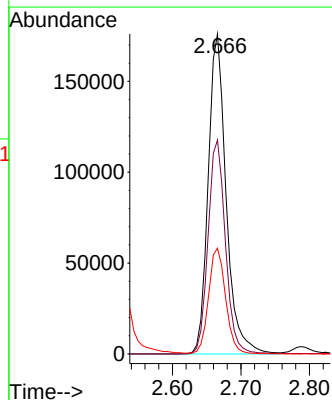
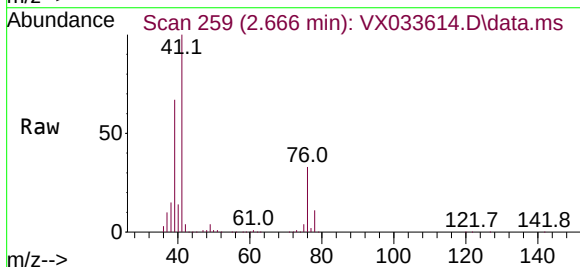
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

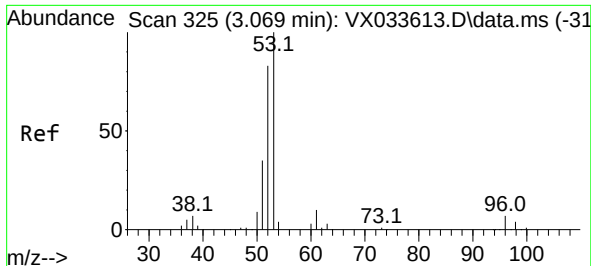
Tgt Ion: 56 Resp: 111492  
Ion Ratio Lower Upper  
56 100  
55 70.5 56.9 85.3



#14  
Allyl chloride  
Concen: 108.772 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 41 Resp: 321672  
Ion Ratio Lower Upper  
41 100  
39 64.7 53.3 79.9  
76 31.6 25.0 37.4





#15

Acrylonitrile

Concen: 532.801 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

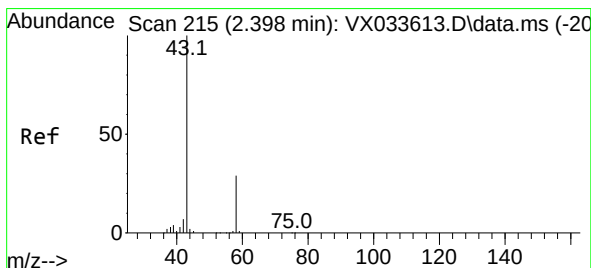
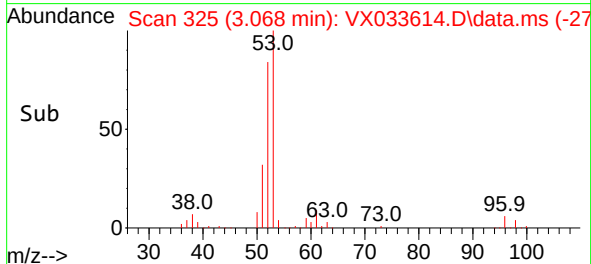
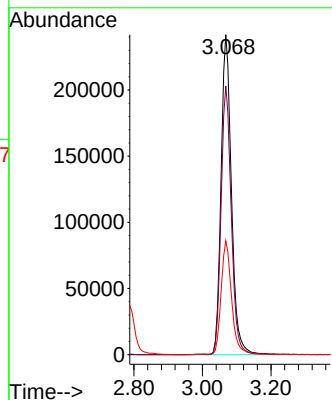
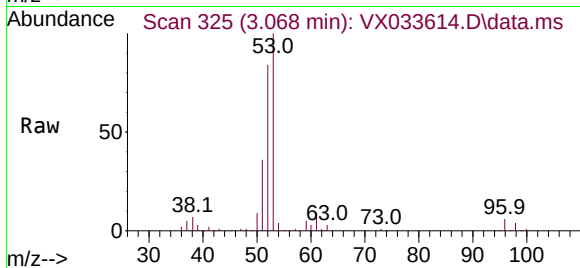
Tgt Ion: 53 Resp: 506608

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 35.8 29.8 44.8



#16

Acetone

Concen: 456.795 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.007 min

Lab File: VX033614.D

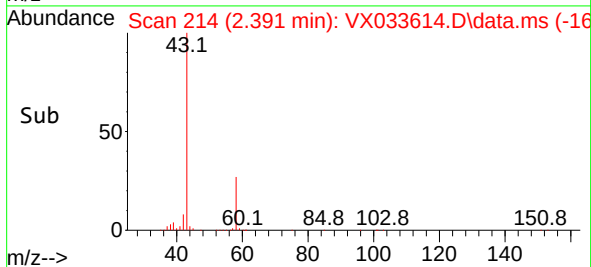
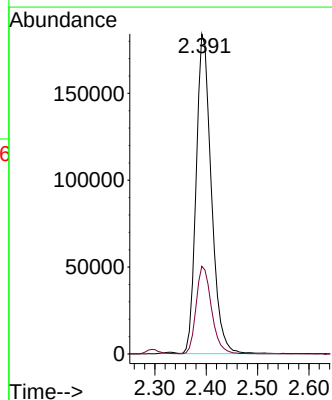
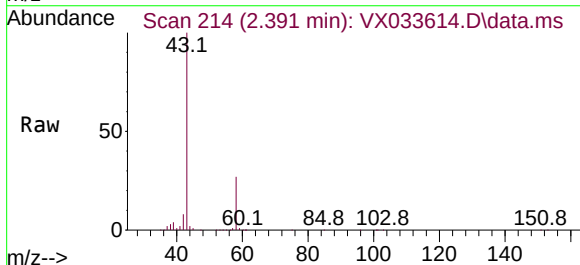
Acq: 04 Jan 2023 12:37

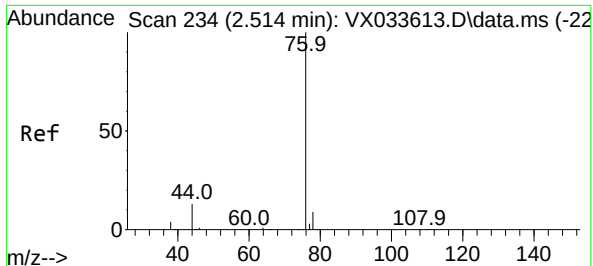
Tgt Ion: 43 Resp: 376924

Ion Ratio Lower Upper

43 100

58 27.4 22.9 34.3

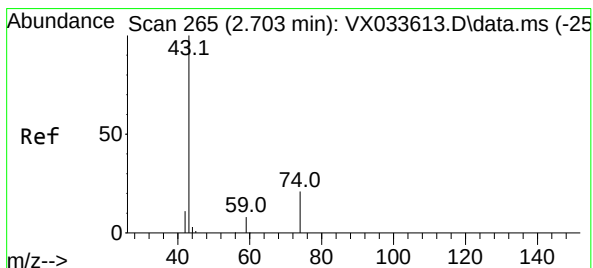
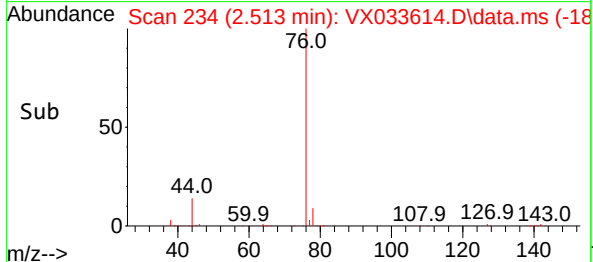
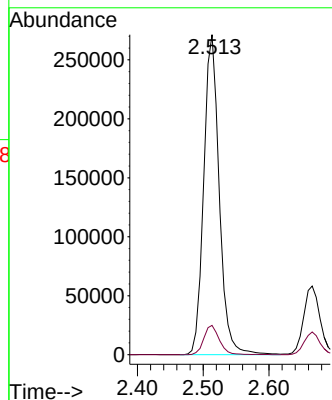
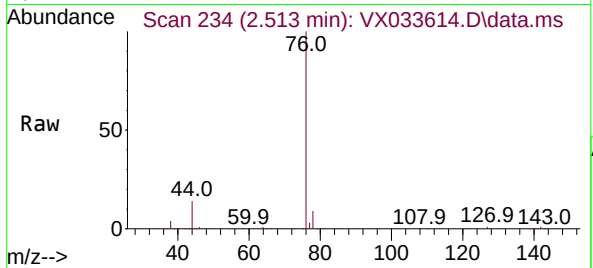




#17  
Carbon Disulfide  
Concen: 113.886 ug/l  
RT: 2.513 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

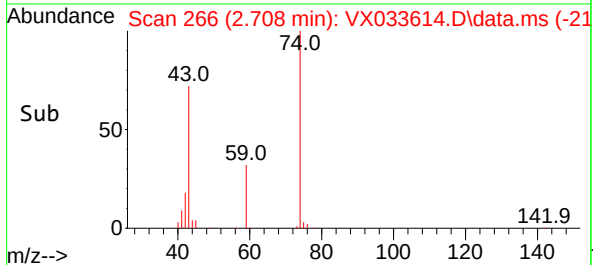
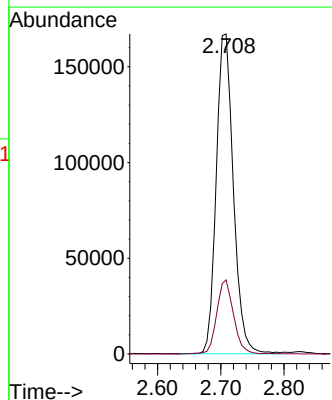
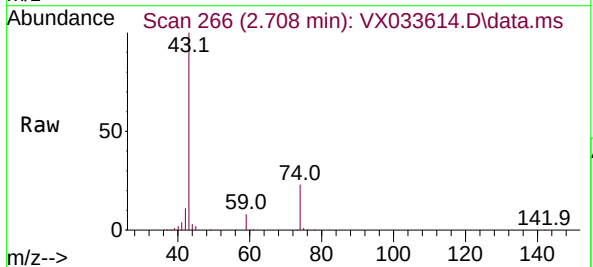
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

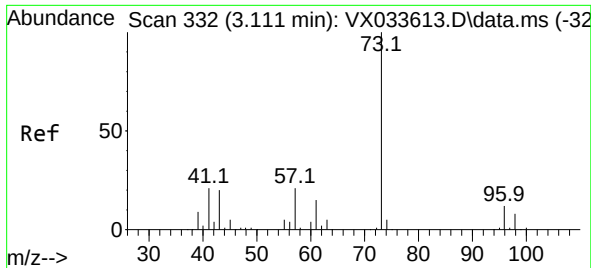
Tgt Ion: 76 Resp: 444964  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.6 11.4



#18  
Methyl Acetate  
Concen: 105.679 ug/l  
RT: 2.708 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 43 Resp: 313446  
Ion Ratio Lower Upper  
43 100  
74 22.7 17.9 26.9

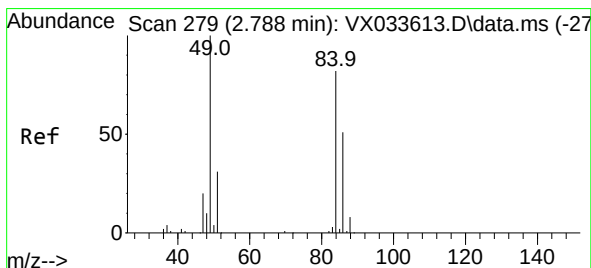
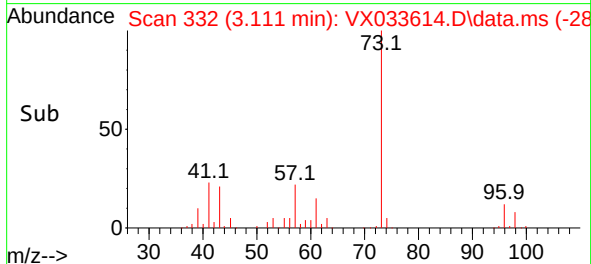
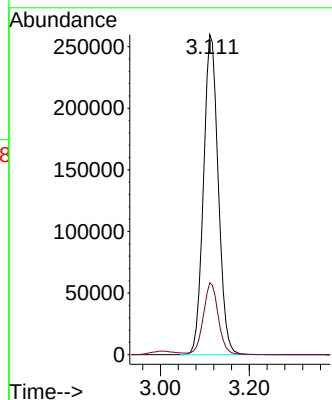
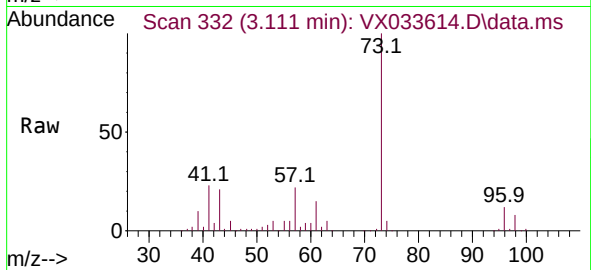




#19  
Methyl tert-butyl Ether  
Concen: 107.832 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

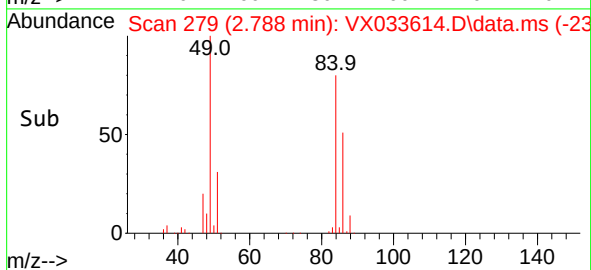
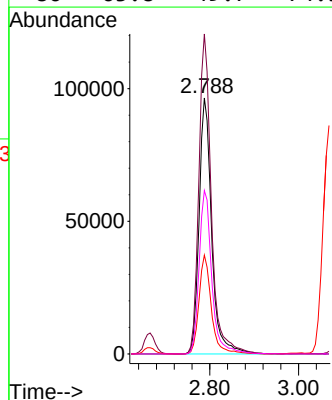
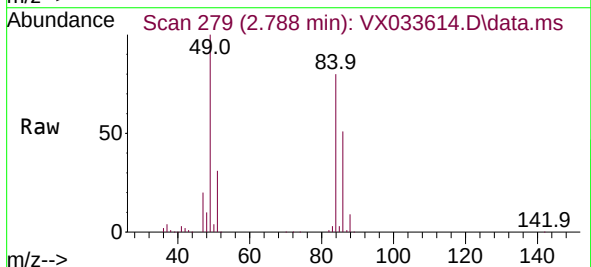
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

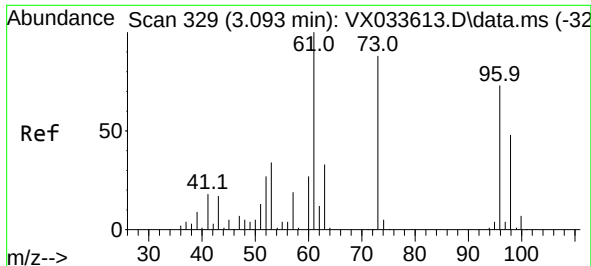
Tgt Ion: 73 Resp: 600164  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.4 26.2



#20  
Methylene Chloride  
Concen: 88.688 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 84 Resp: 189694  
Ion Ratio Lower Upper  
84 100  
49 125.0 97.6 146.4  
51 38.6 30.4 45.6  
86 63.8 49.7 74.5

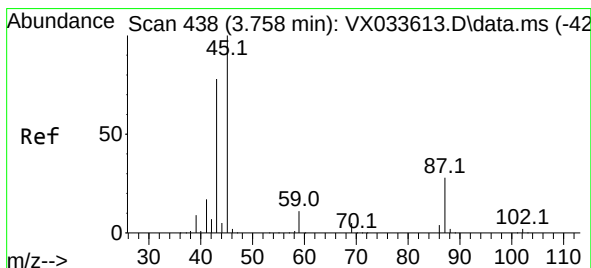
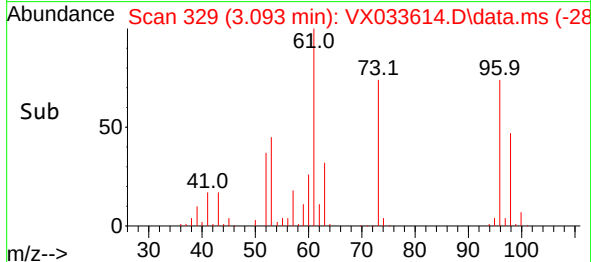
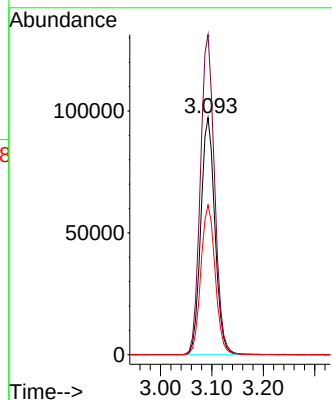
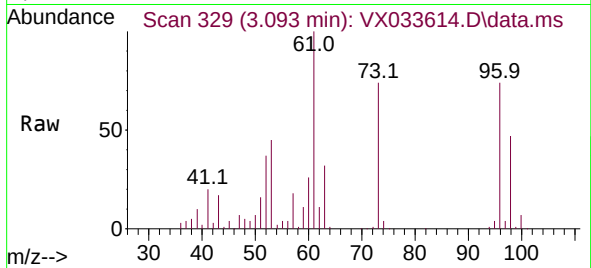




#21  
trans-1,2-Dichloroethene  
Concen: 106.082 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

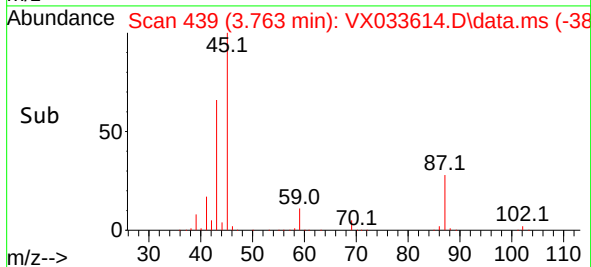
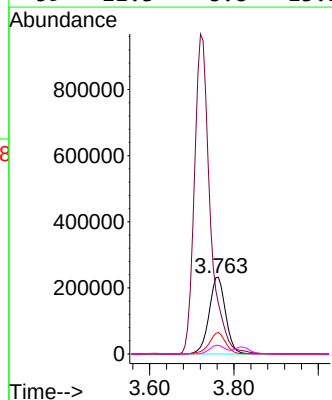
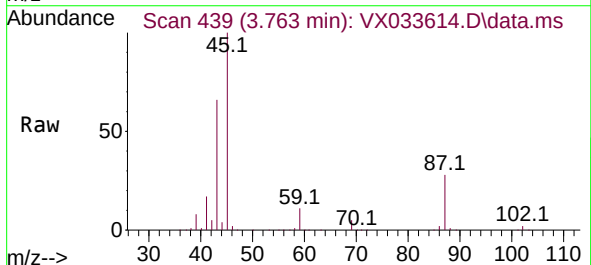
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

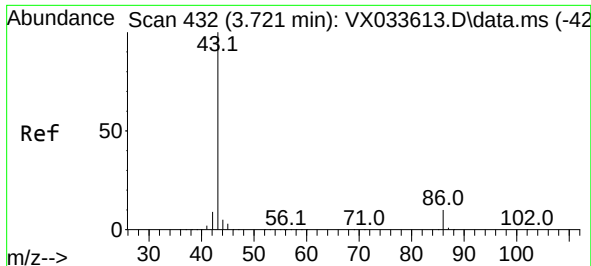
Tgt Ion: 96 Resp: 185544  
Ion Ratio Lower Upper  
96 100  
61 135.0 109.7 164.5  
98 63.2 52.2 78.2



#22  
Diisopropyl ether  
Concen: 105.997 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 45 Resp: 631594  
Ion Ratio Lower Upper  
45 100  
43 65.3 62.6 93.8  
87 28.0 22.1 33.1  
59 11.3 8.8 13.2

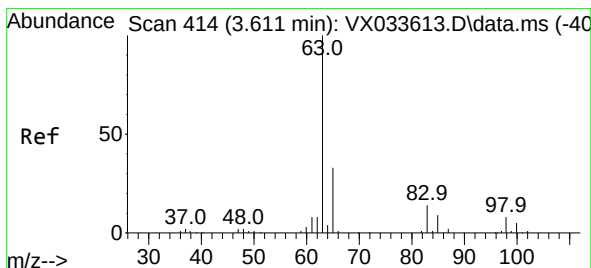
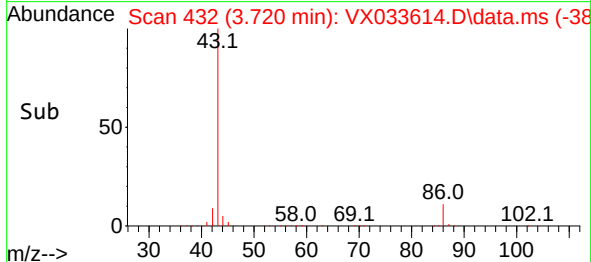
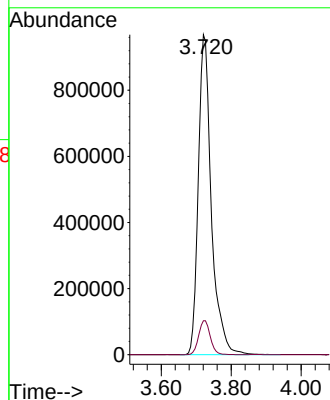
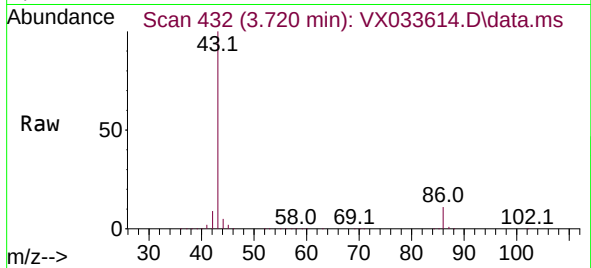




#23  
 Vinyl Acetate  
 Concen: 548.208 ug/l  
 RT: 3.720 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX033614.D  
 Acq: 04 Jan 2023 12:37

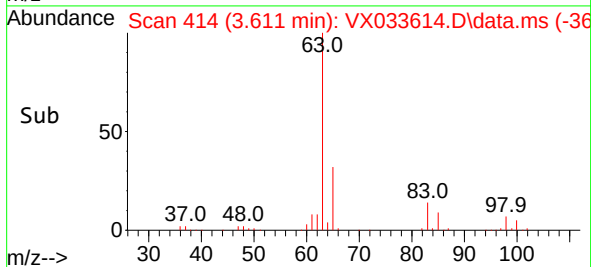
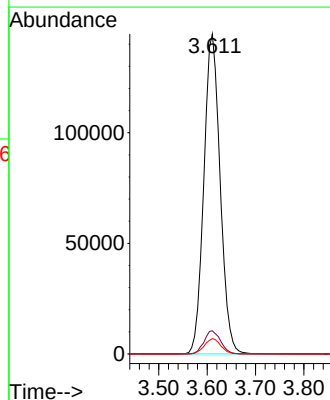
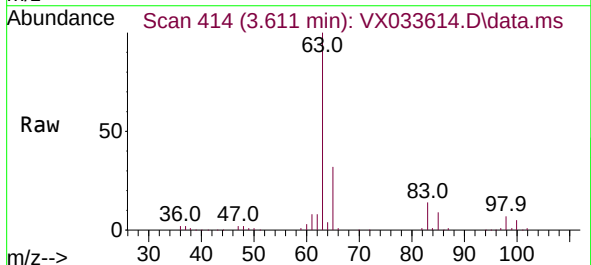
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 2508349  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.3 12.5

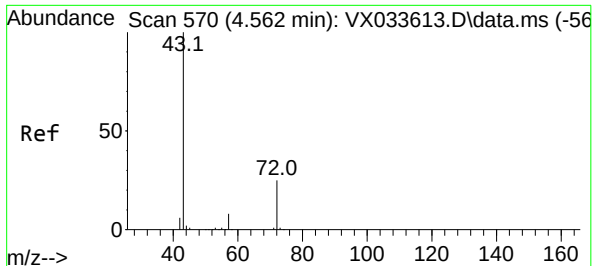


#24  
 1,1-Dichloroethane  
 Concen: 105.055 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX033614.D  
 Acq: 04 Jan 2023 12:37

Tgt Ion: 63 Resp: 338688  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.4  
 100 4.8 2.5 7.6







#25

2-Butanone

Concen: 524.071 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

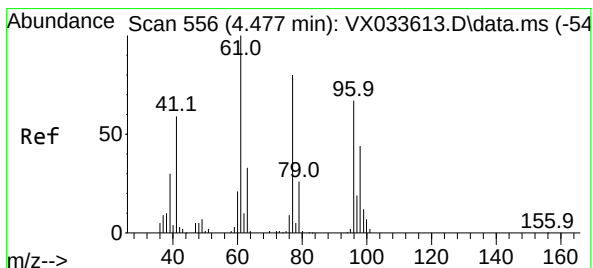
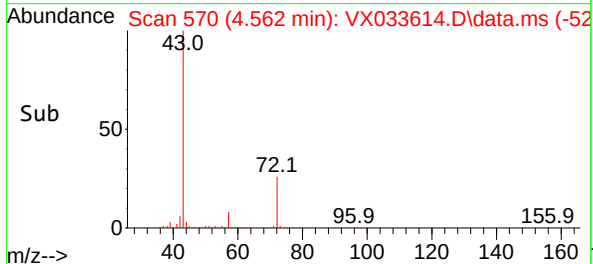
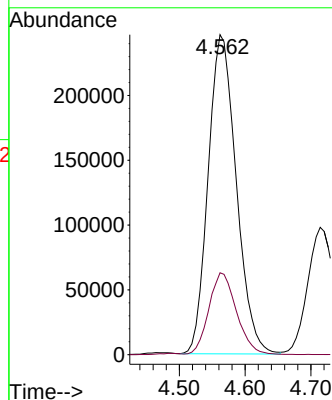
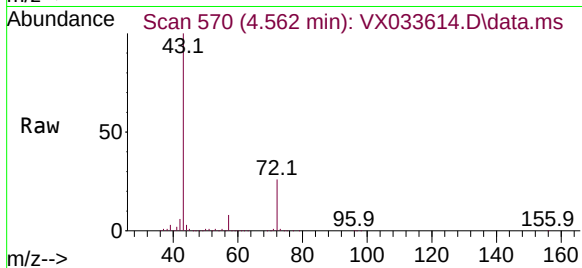
VSTDIC100

Tgt Ion: 43 Resp: 731788

Ion Ratio Lower Upper

43 100

72 25.5 19.8 29.6



#26

2,2-Dichloropropane

Concen: 115.451 ug/l

RT: 4.476 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033614.D

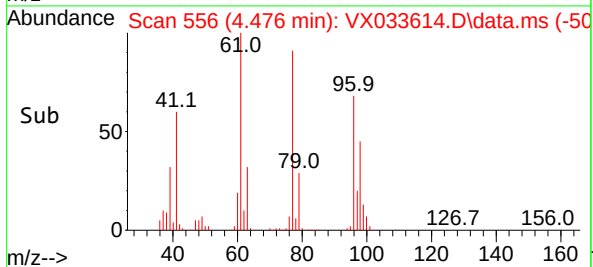
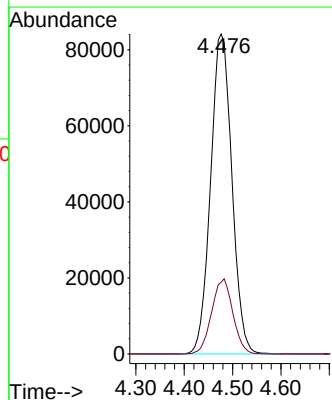
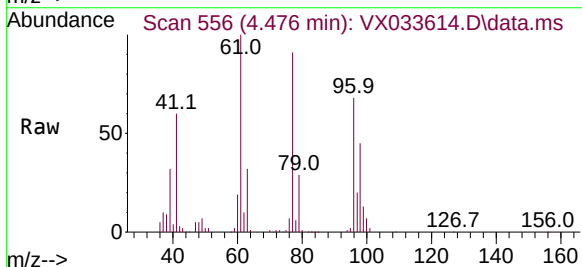
Acq: 04 Jan 2023 12:37

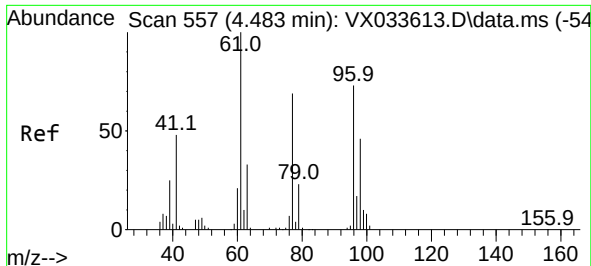
Tgt Ion: 77 Resp: 257317

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 106.965 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

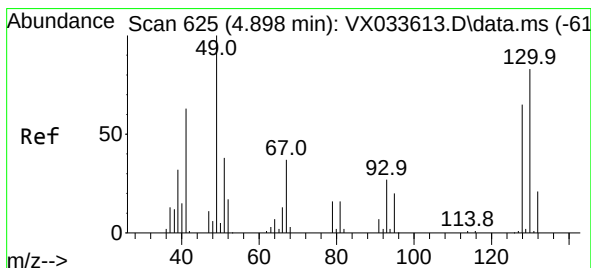
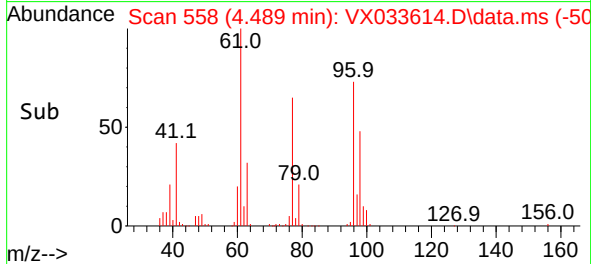
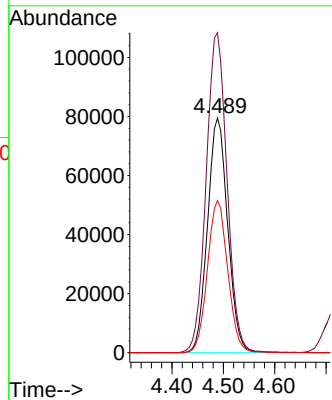
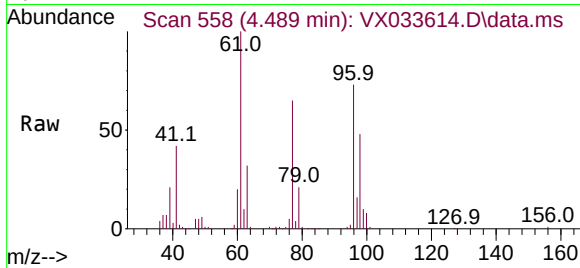
Tgt Ion: 96 Resp: 216992

Ion Ratio Lower Upper

96 100

61 140.7 0.0 283.8

98 65.1 0.0 129.6



#28

Bromochloromethane

Concen: 100.825 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

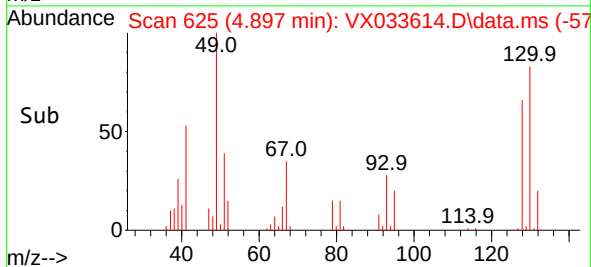
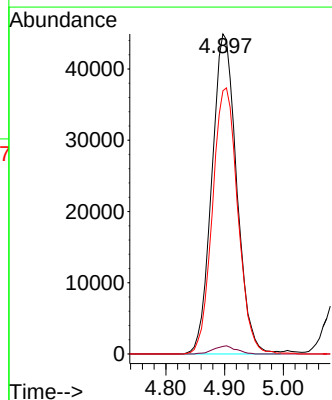
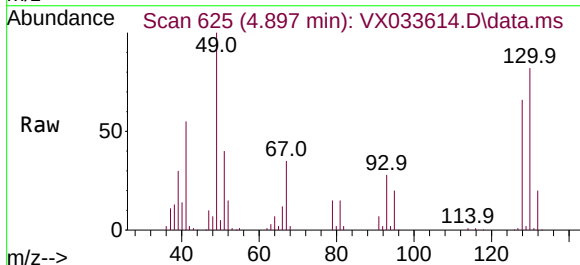
Tgt Ion: 49 Resp: 132041

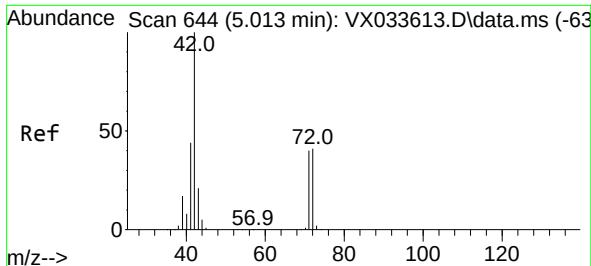
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 84.7 66.6 100.0





#29

Tetrahydrofuran

Concen: 530.529 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.007 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

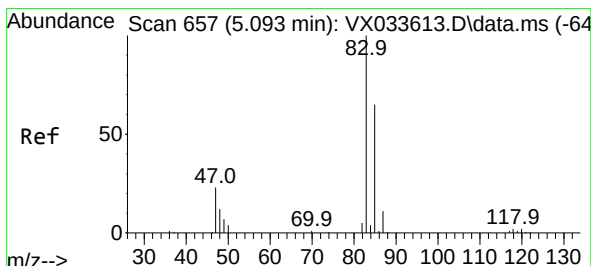
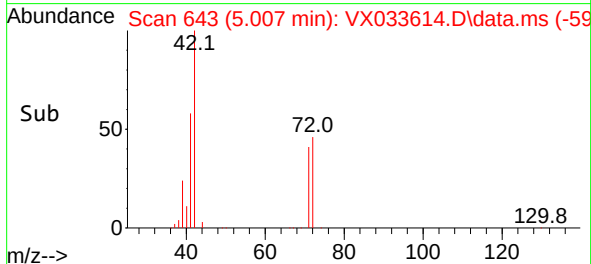
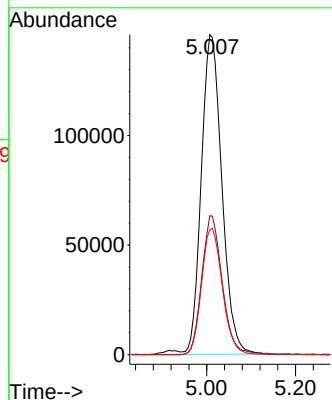
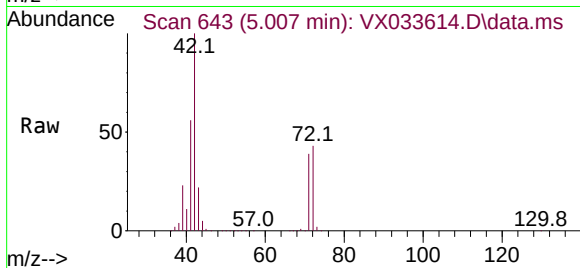
Tgt Ion: 42 Resp: 470144

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 40.1 31.4 47.0



#30

Chloroform

Concen: 104.580 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033614.D

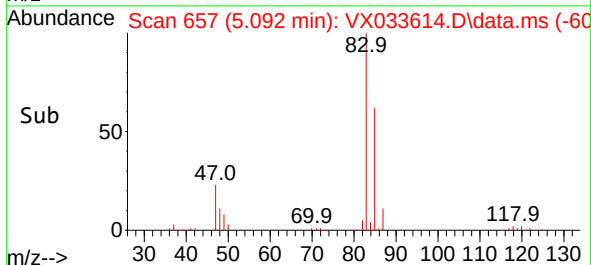
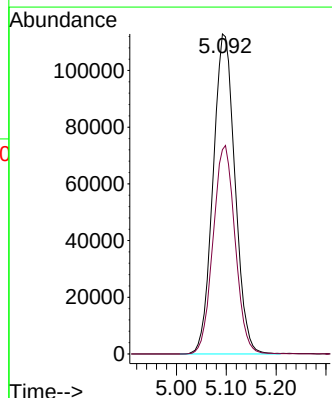
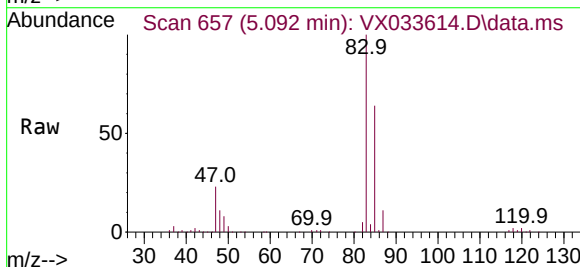
Acq: 04 Jan 2023 12:37

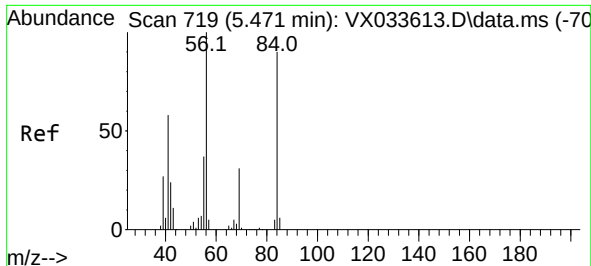
Tgt Ion: 83 Resp: 344437

Ion Ratio Lower Upper

83 100

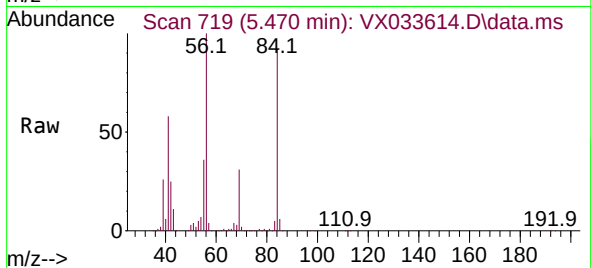
85 63.8 52.2 78.2



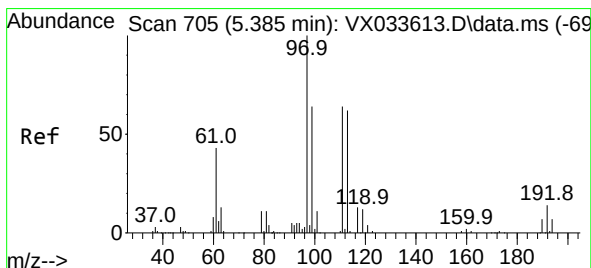
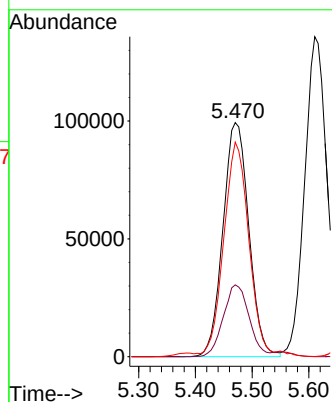
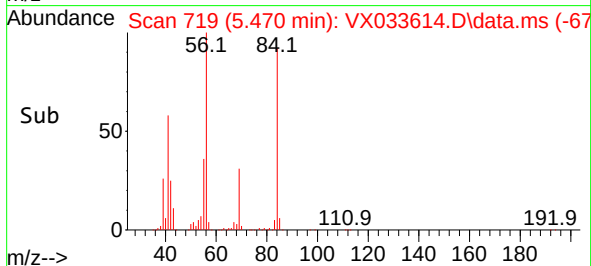


#31  
Cyclohexane  
Concen: 105.676 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

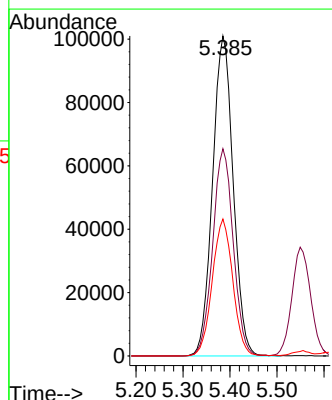
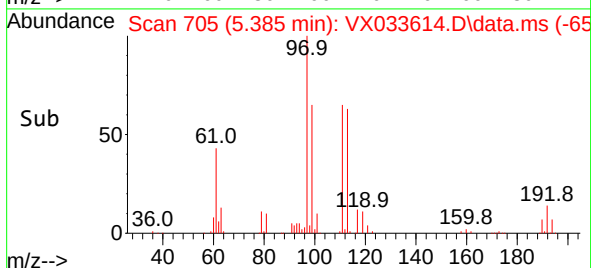
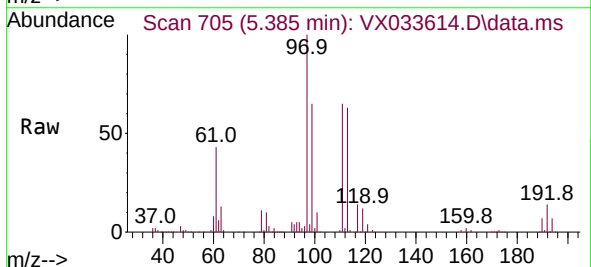


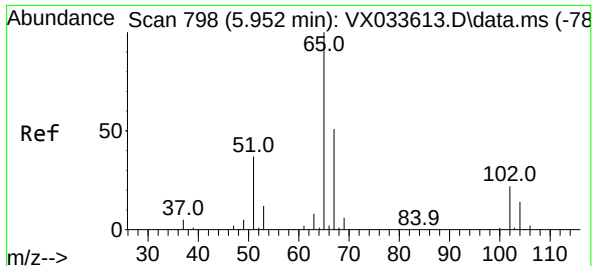
Tgt Ion: 56 Resp: 314796  
Ion Ratio Lower Upper  
56 100  
69 30.7 24.6 36.8  
84 90.2 72.2 108.2



#32  
1,1,1-Trichloroethane  
Concen: 108.038 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 97 Resp: 307670  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.0 76.6  
61 42.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 100.259 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

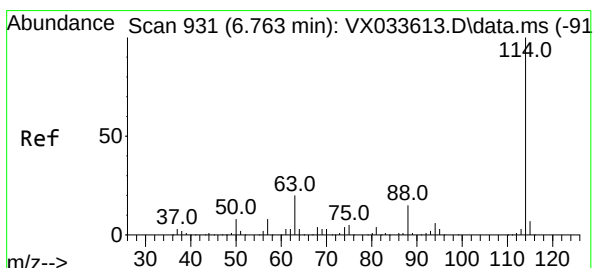
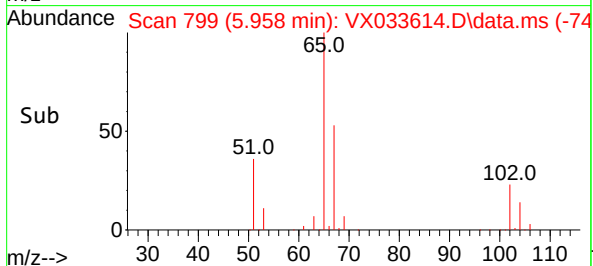
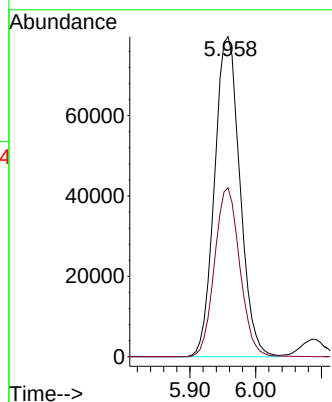
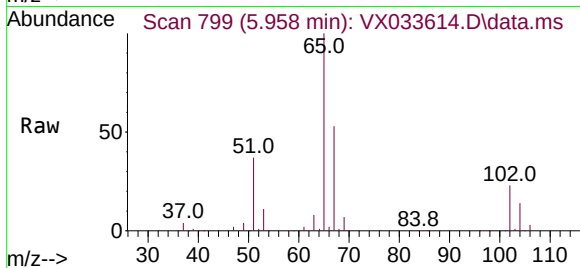
VSTDIC100

Tgt Ion: 65 Resp: 214542

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

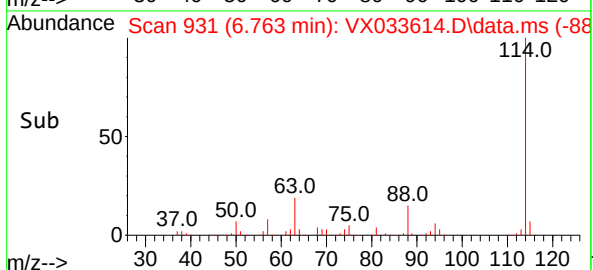
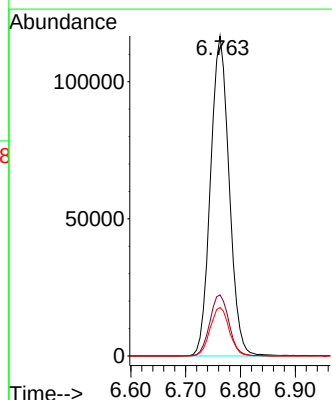
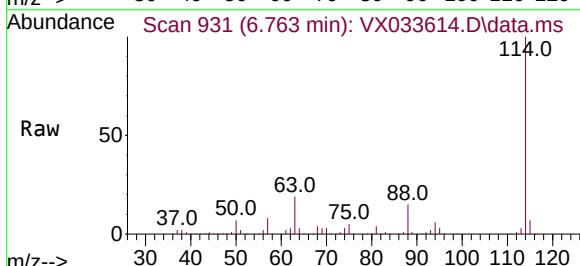
Tgt Ion: 114 Resp: 275097

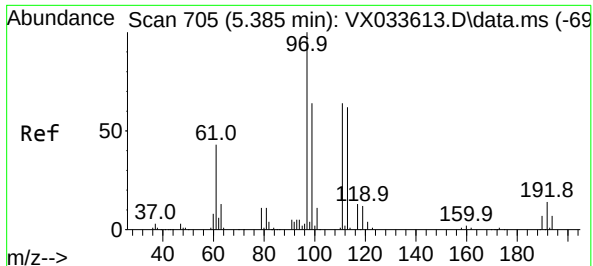
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 102.166 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

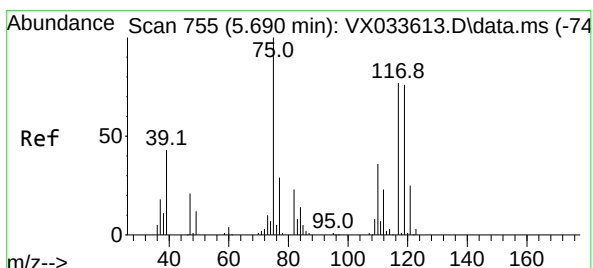
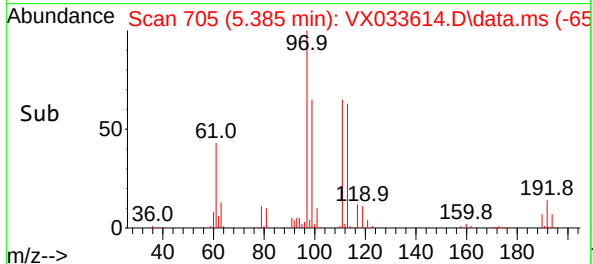
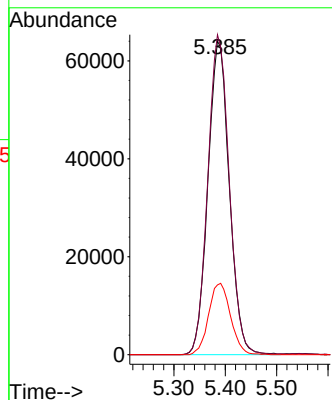
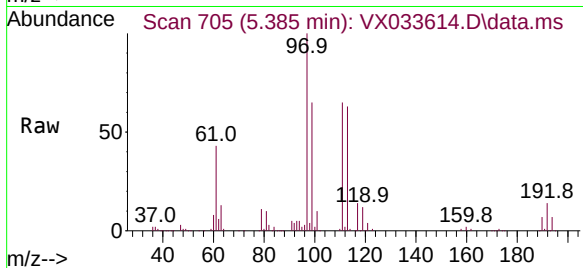
Tgt Ion:113 Resp: 184734

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 23.4 18.2 27.2



#36

1,1-Dichloropropene

Concen: 107.462 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

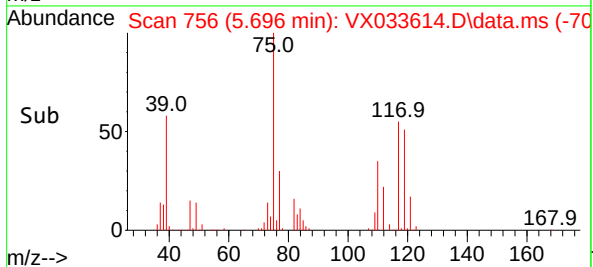
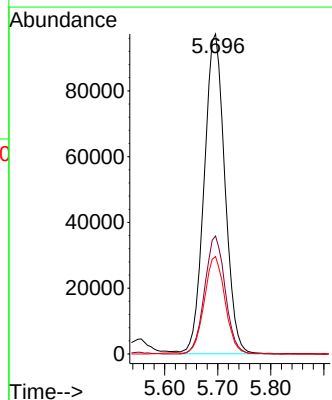
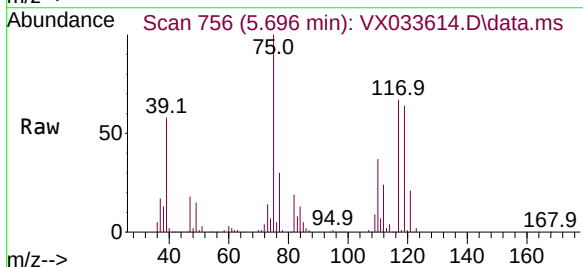
Tgt Ion: 75 Resp: 263207

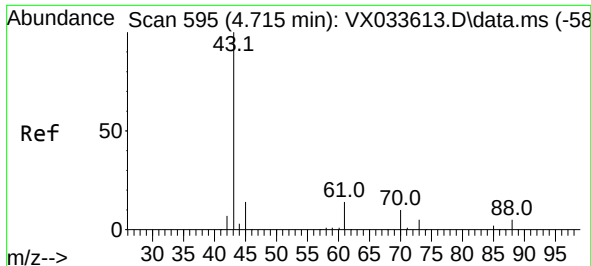
Ion Ratio Lower Upper

75 100

110 36.8 18.0 54.0

77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 95.266 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

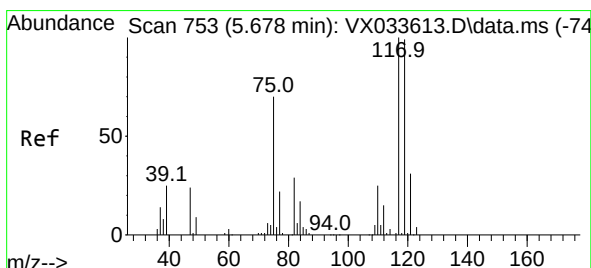
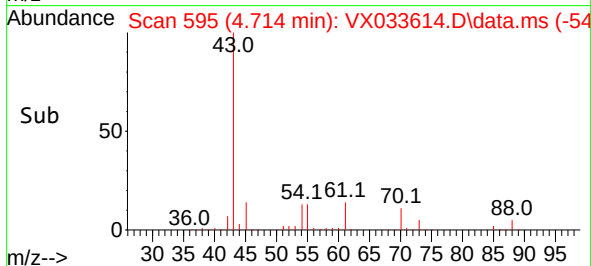
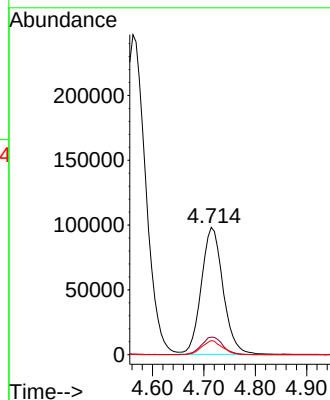
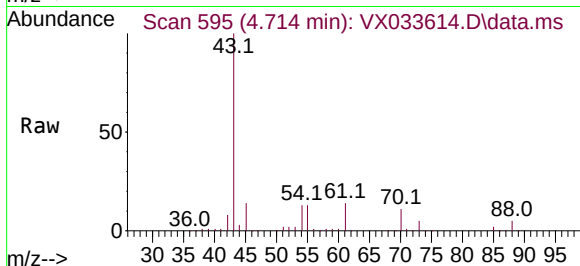
Tgt Ion: 43 Resp: 287625

Ion Ratio Lower Upper

43 100

61 13.6 10.6 16.0

70 10.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 107.597 ug/l

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

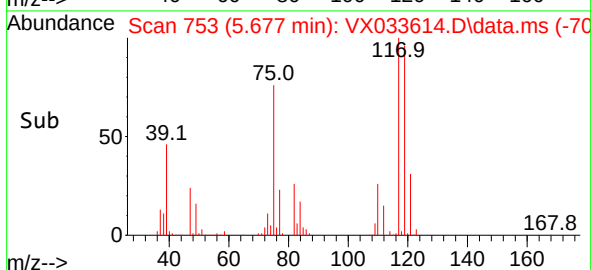
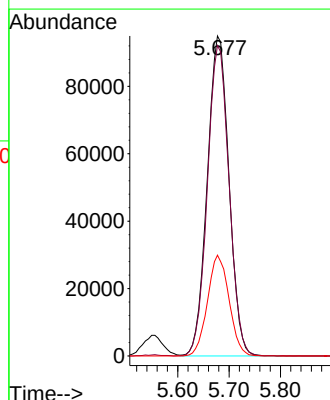
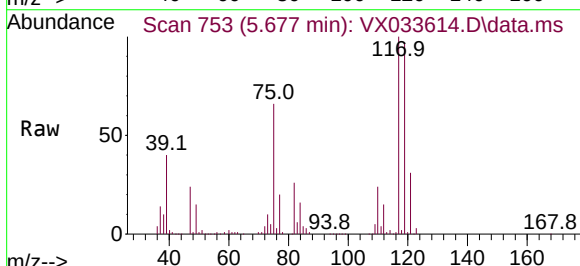
Tgt Ion: 117 Resp: 278896

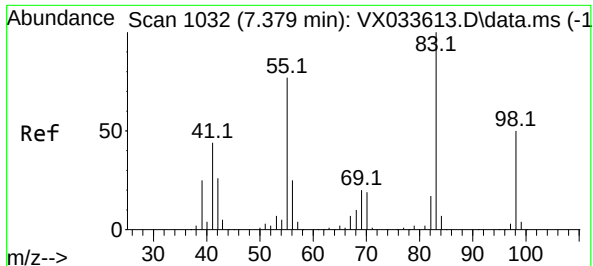
Ion Ratio Lower Upper

117 100

119 96.9 78.8 118.2

121 31.5 24.9 37.3





#39

Methylcyclohexane

Concen: 107.538 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

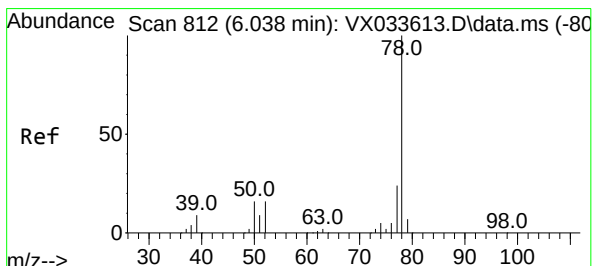
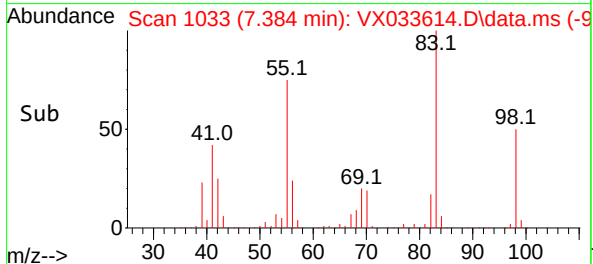
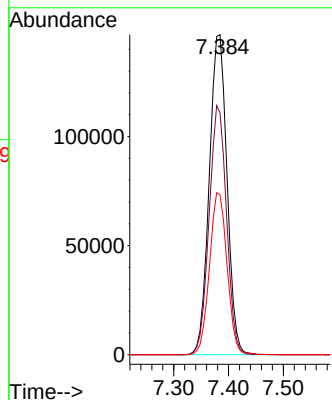
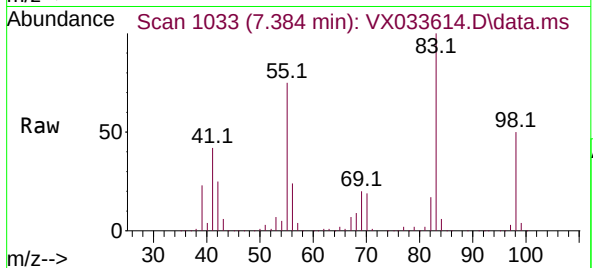
Tgt Ion: 83 Resp: 328871

Ion Ratio Lower Upper

83 100

55 75.5 61.4 92.2

98 50.0 40.2 60.2



#40

Benzene

Concen: 104.729 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033614.D

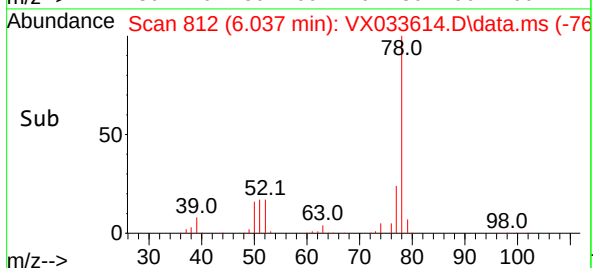
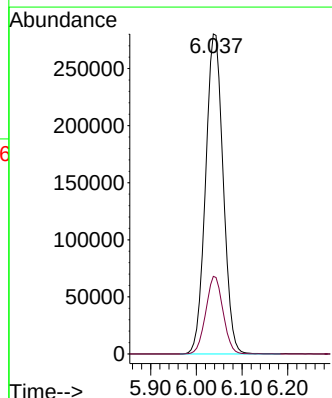
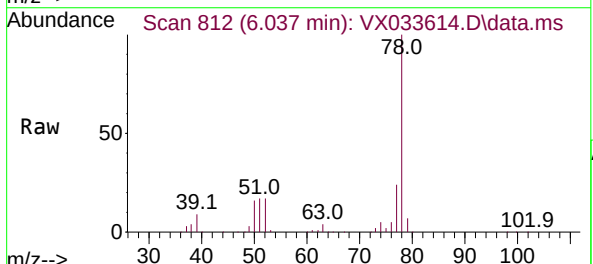
Acq: 04 Jan 2023 12:37

Tgt Ion: 78 Resp: 749728

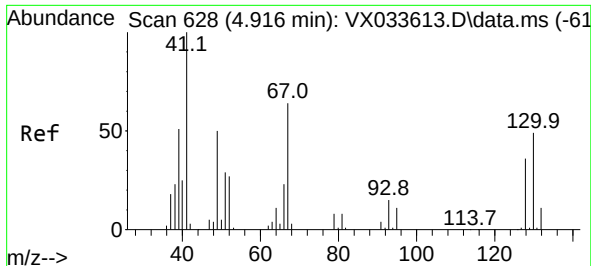
Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6





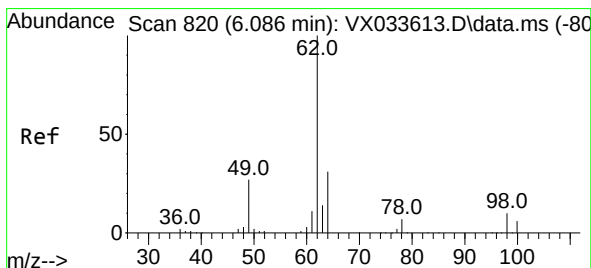
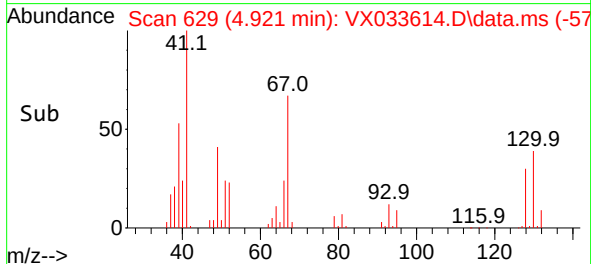
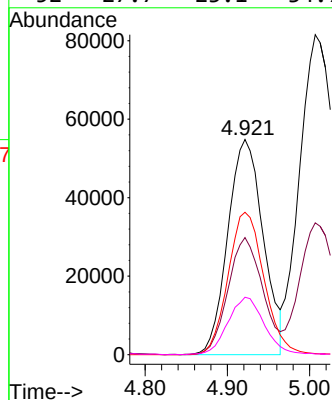
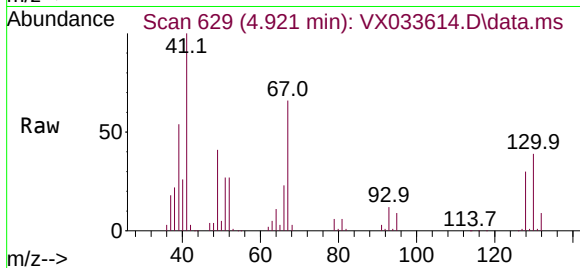


#41  
Methacrylonitrile  
Concen: 110.387 ug/l  
RT: 4.921 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 41 Resp: 164272

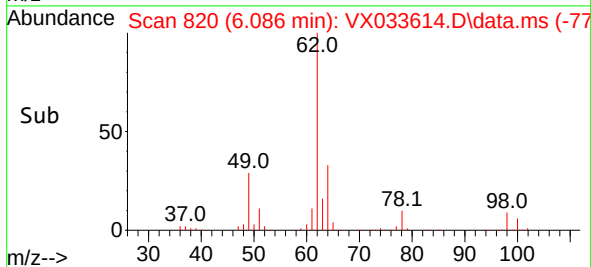
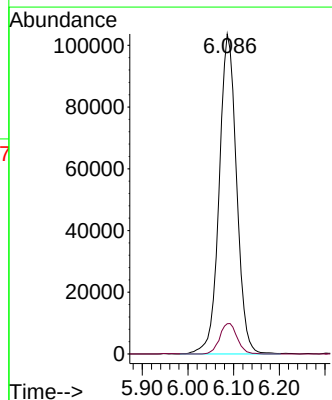
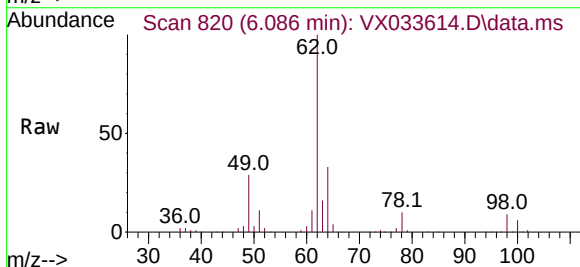
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.5  | 44.1  | 66.1  |
| 67  | 67.4  | 53.8  | 80.6  |
| 52  | 27.7  | 23.1  | 34.7  |

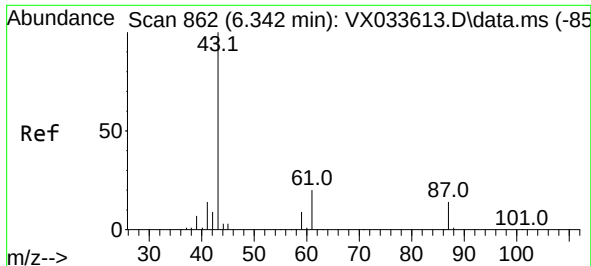


#42  
1,2-Dichloroethane  
Concen: 102.857 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 62 Resp: 274471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 19.0  |





#43

Isopropyl Acetate

Concen: 112.427 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

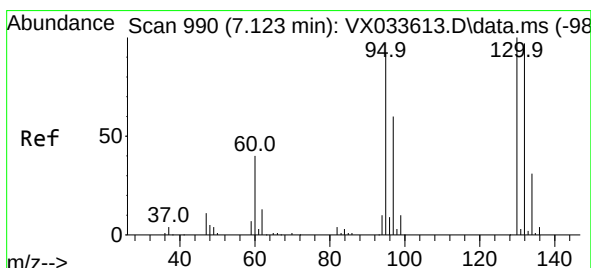
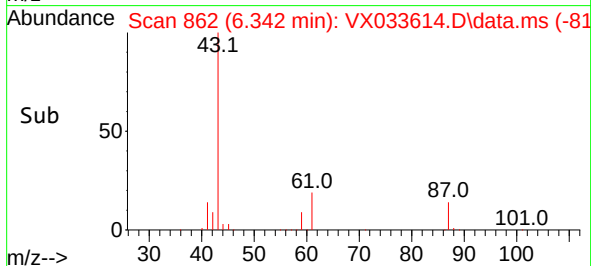
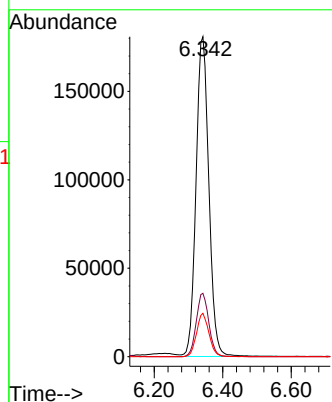
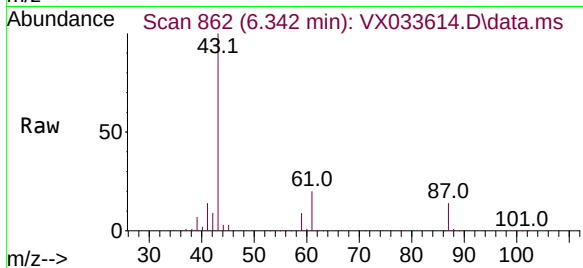
Tgt Ion: 43 Resp: 470808

Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

87 13.1 10.6 16.0



#44

Trichloroethene

Concen: 105.612 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX033614.D

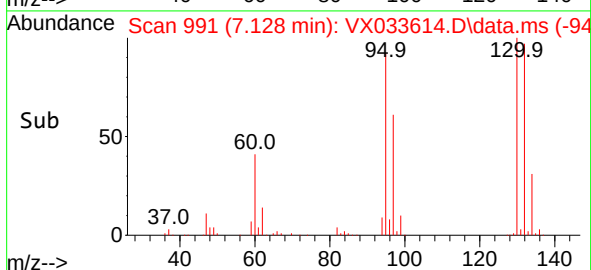
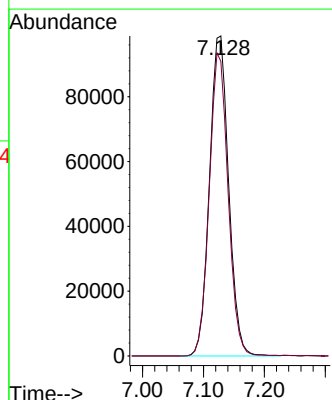
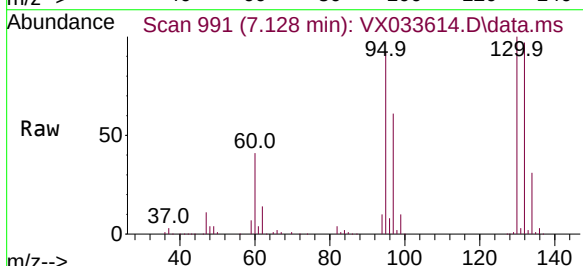
Acq: 04 Jan 2023 12:37

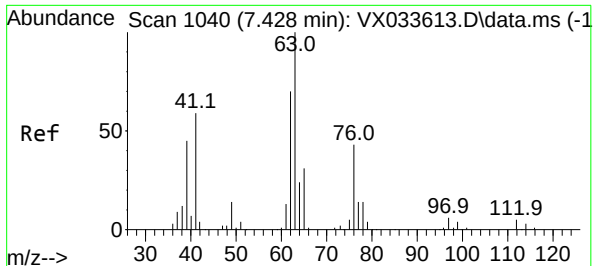
Tgt Ion:130 Resp: 215744

Ion Ratio Lower Upper

130 100

95 92.0 0.0 183.0





#45

1,2-Dichloropropane

Concen: 105.578 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

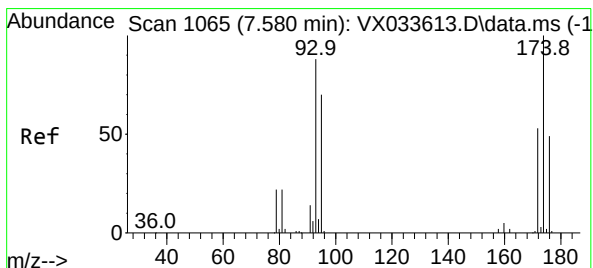
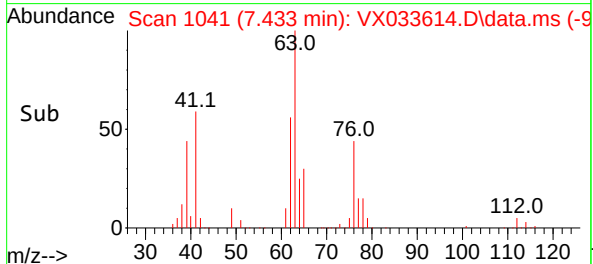
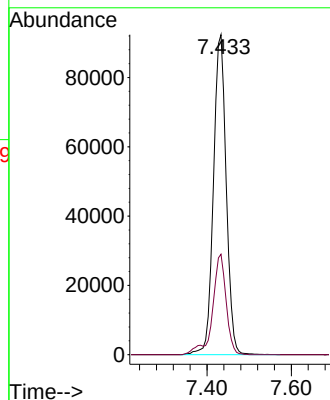
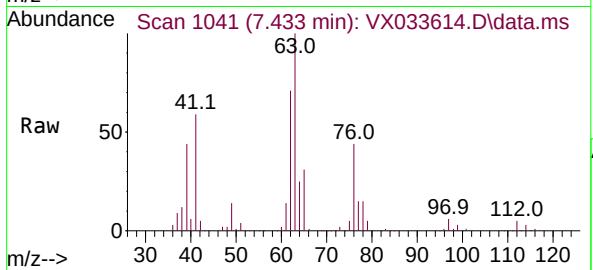
VSTDICC100

Tgt Ion: 63 Resp: 194697

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



#46

Dibromomethane

Concen: 106.523 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

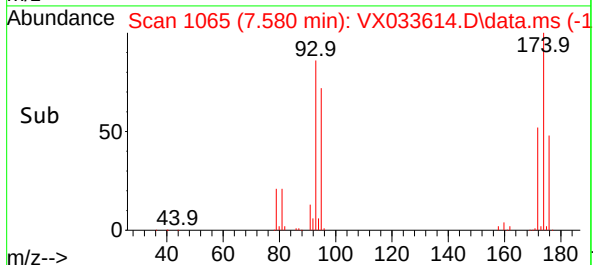
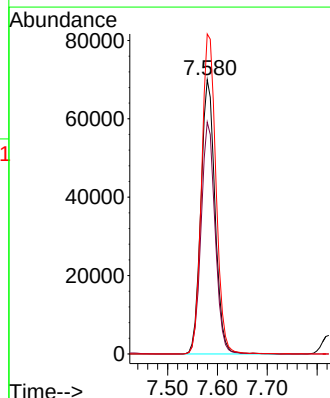
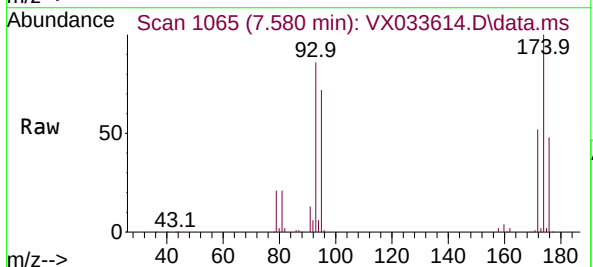
Tgt Ion: 93 Resp: 137529

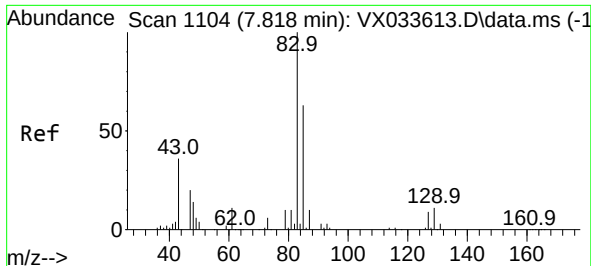
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 118.4 92.5 138.7

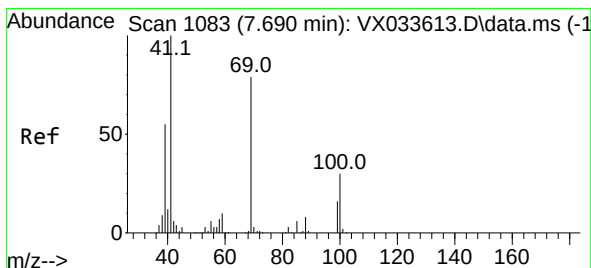
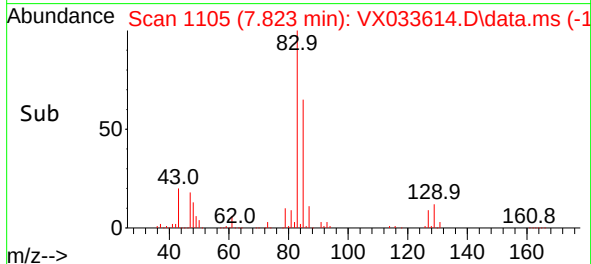
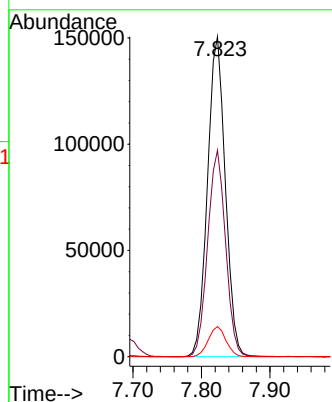
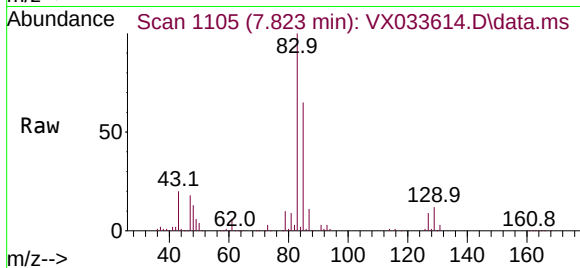




#47  
Bromodichloromethane  
Concen: 108.808 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

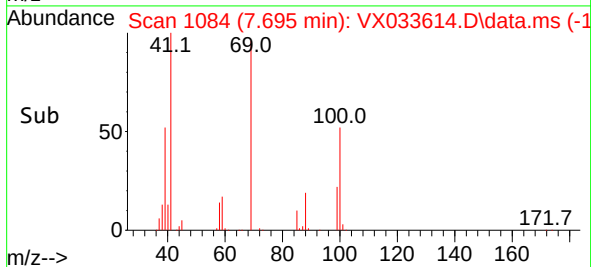
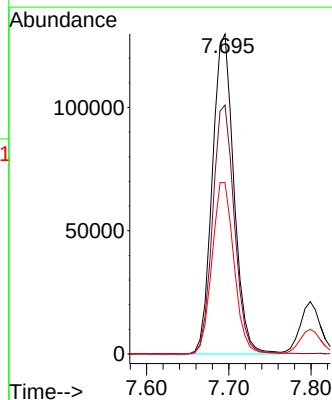
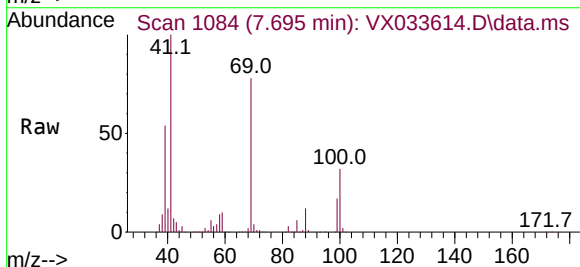
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

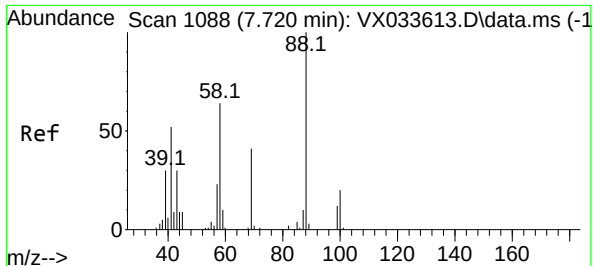
Tgt Ion: 83 Resp: 272156  
Ion Ratio Lower Upper  
83 100  
85 64.5 50.6 76.0  
127 9.4 7.3 10.9



#48  
Methyl methacrylate  
Concen: 111.677 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 41 Resp: 236727  
Ion Ratio Lower Upper  
41 100  
69 78.4 63.1 94.7  
39 54.6 44.8 67.2





#49

1,4-Dioxane

Concen: 2051.983 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

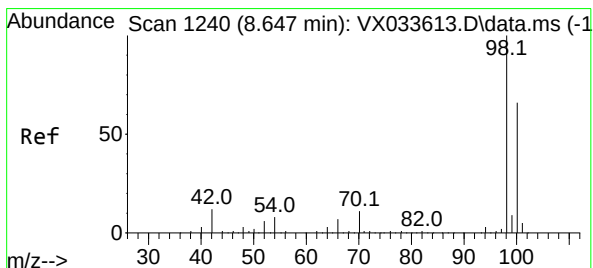
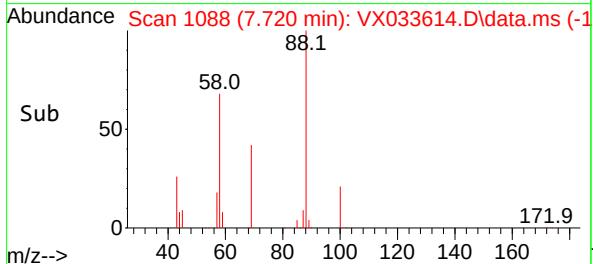
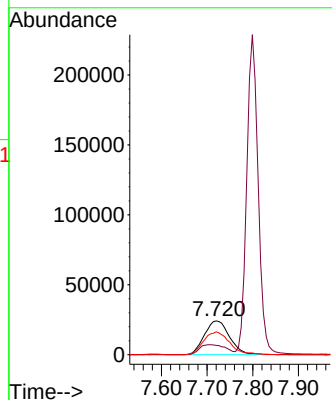
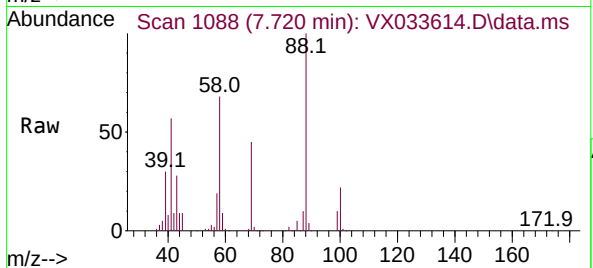
Tgt Ion: 88 Resp: 92518

Ion Ratio Lower Upper

88 100

43 30.9 24.1 36.1

58 70.1 57.1 85.7



#50

Toluene-d8

Concen: 103.851 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX033614.D

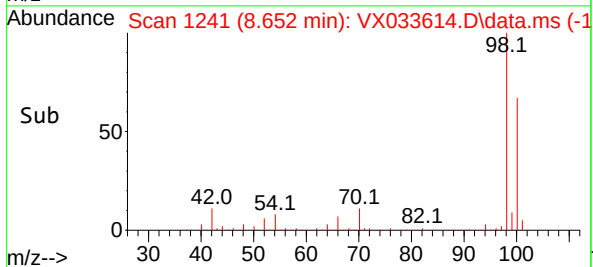
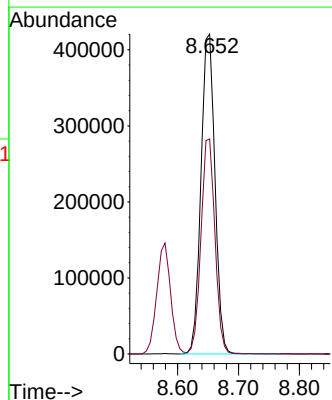
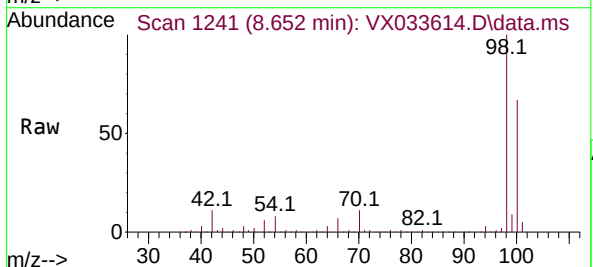
Acq: 04 Jan 2023 12:37

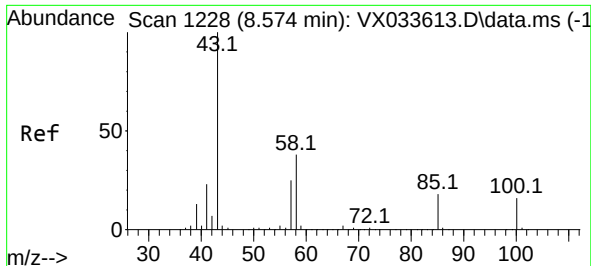
Tgt Ion: 98 Resp: 671181

Ion Ratio Lower Upper

98 100

100 67.0 53.6 80.4

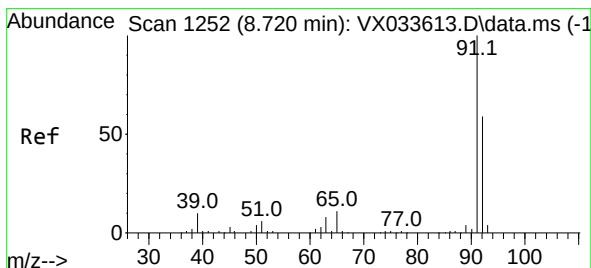
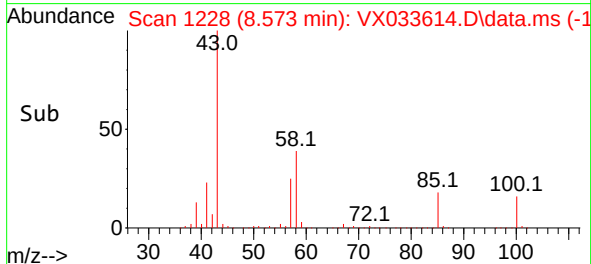
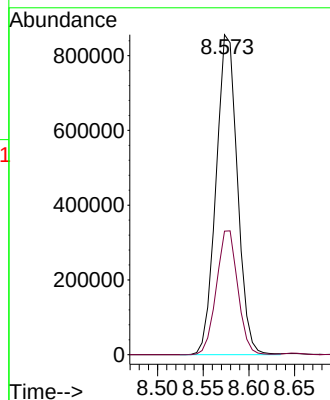
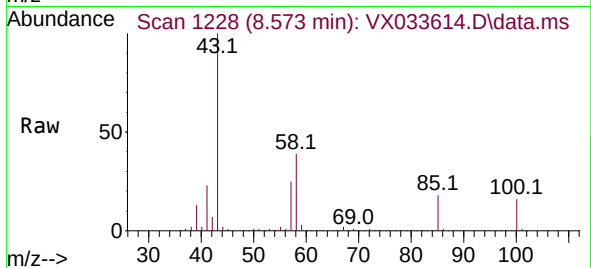




#51  
4-Methyl-2-Pentanone  
Concen: 525.624 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

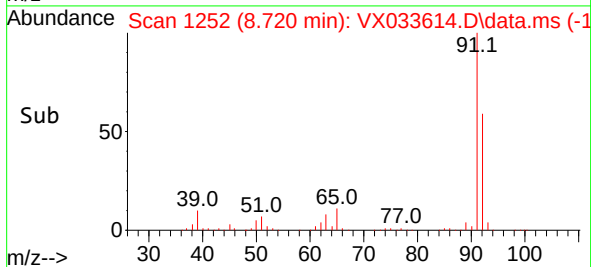
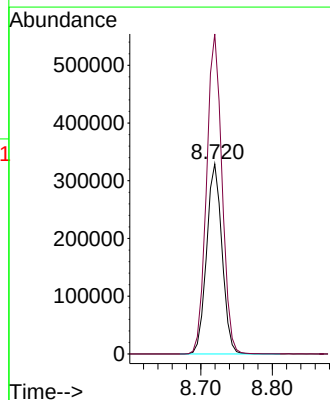
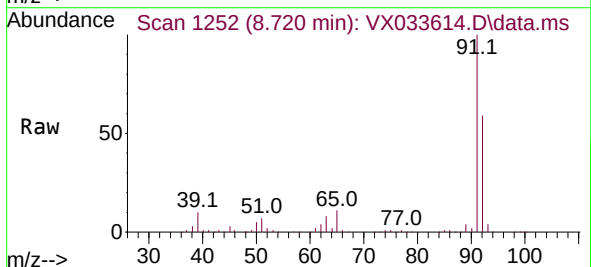
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

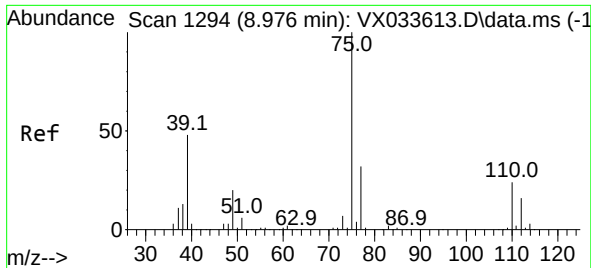
Tgt Ion: 43 Resp: 1393158  
Ion Ratio Lower Upper  
43 100  
58 38.8 30.5 45.7



#52  
Toluene  
Concen: 104.826 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 92 Resp: 493365  
Ion Ratio Lower Upper  
92 100  
91 168.5 135.4 203.2





#53

t-1,3-Dichloropropene

Concen: 120.386 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

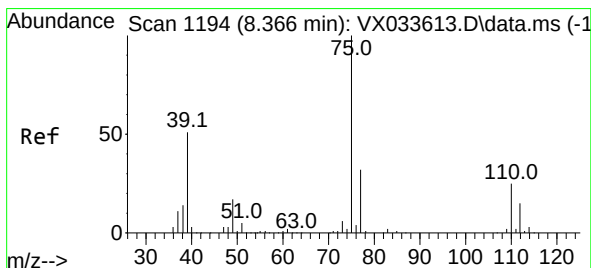
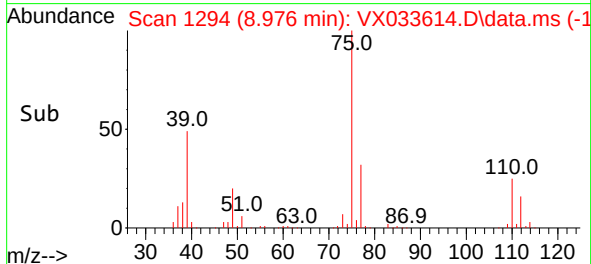
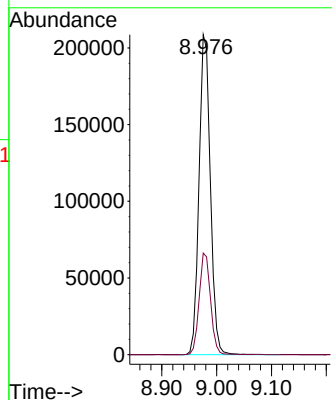
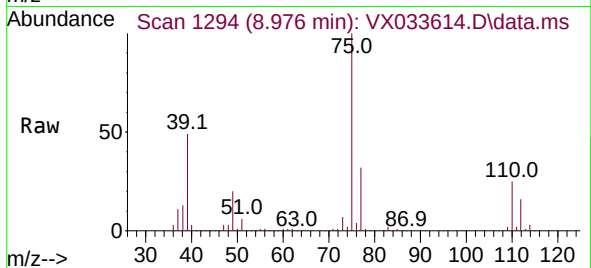
VSTDIC100

Tgt Ion: 75 Resp: 300576

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 116.590 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

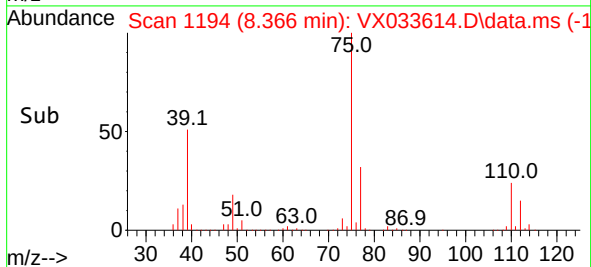
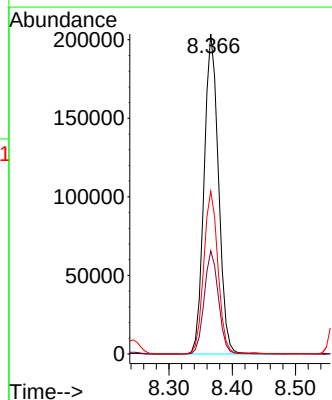
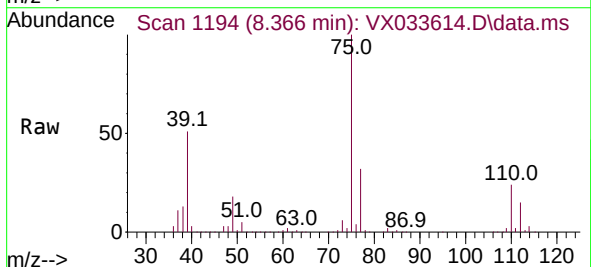
Tgt Ion: 75 Resp: 322798

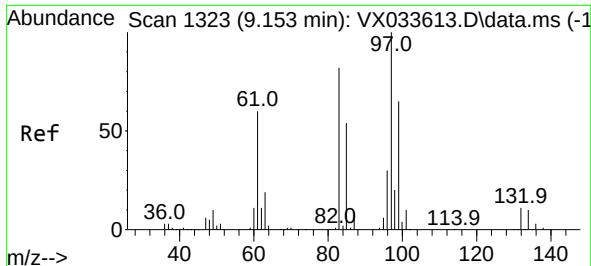
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 50.9 40.6 61.0

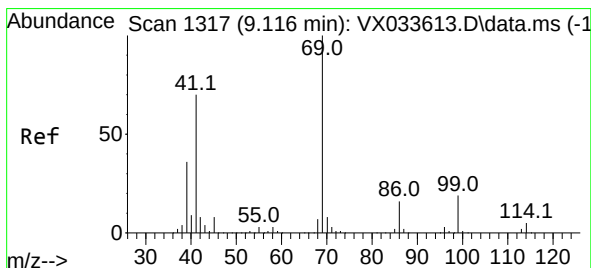
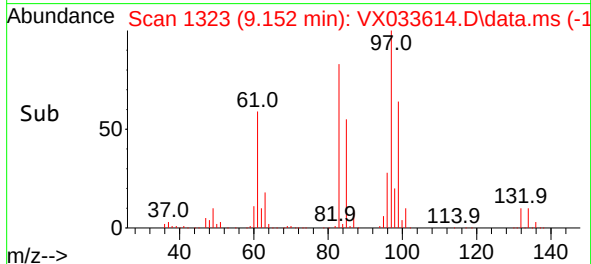
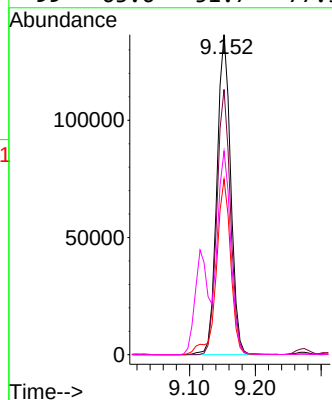
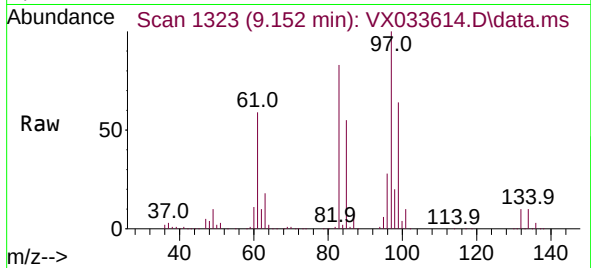




#55  
1,1,2-Trichloroethane  
Concen: 107.921 ug/l  
RT: 9.152 min Scan# 1323  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

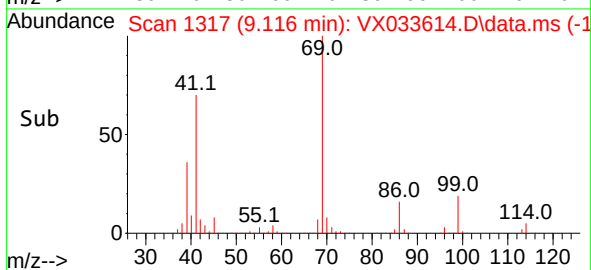
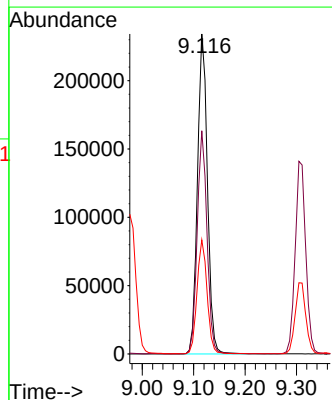
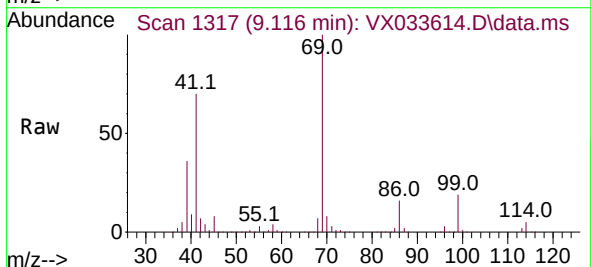
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 198953 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.9  | 65.7  | 98.5   |
| 85       | 54.8  | 43.4  | 65.0   |
| 99       | 63.6  | 51.7  | 77.5   |

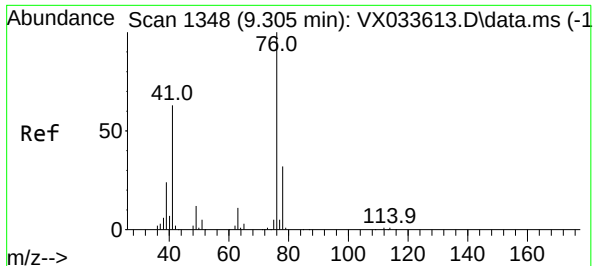


#56  
Ethyl methacrylate  
Concen: 115.061 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 316666 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.5  | 56.6  | 84.8   |
| 39       | 35.9  | 29.4  | 44.0   |







#57

1,3-Dichloropropane

Concen: 106.595 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

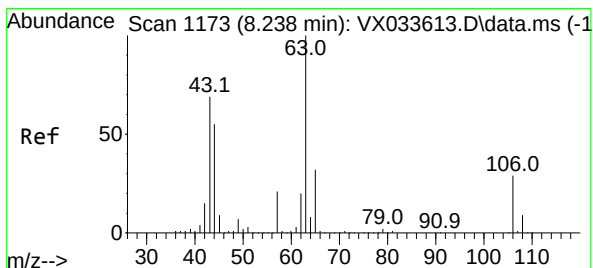
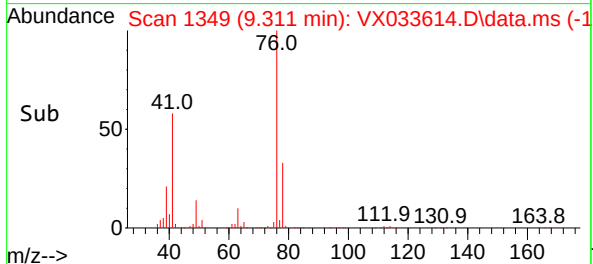
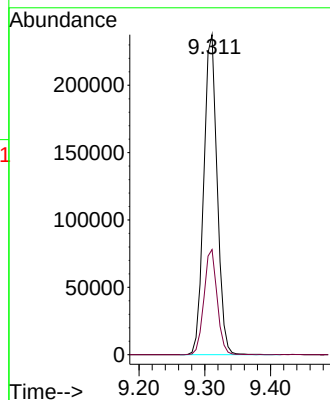
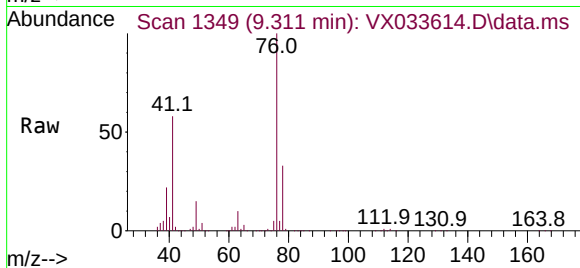
VSTDICC100

Tgt Ion: 76 Resp: 336212

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 485.577 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033614.D

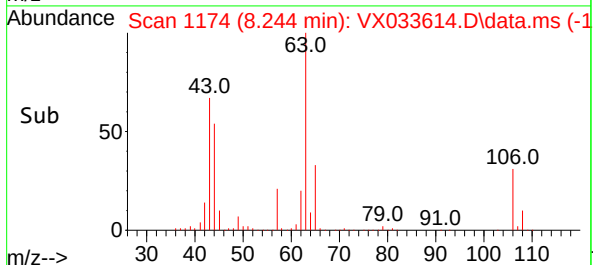
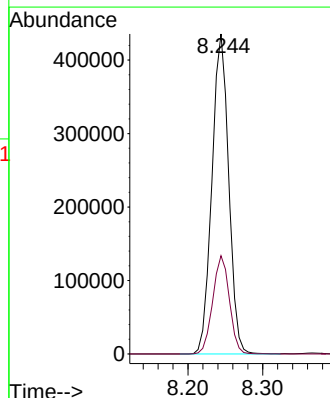
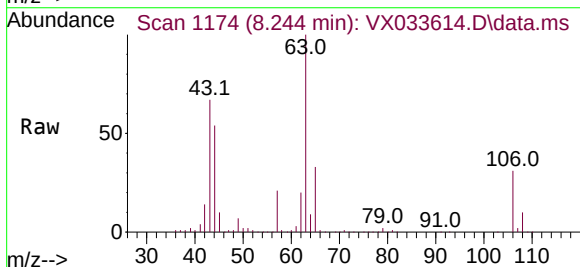
Acq: 04 Jan 2023 12:37

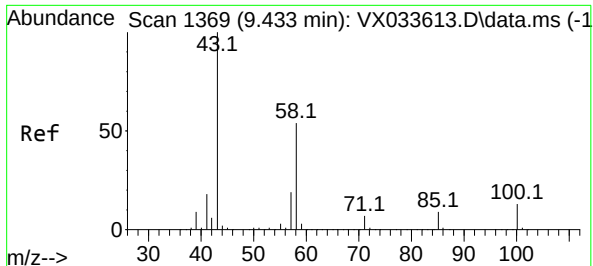
Tgt Ion: 63 Resp: 679786

Ion Ratio Lower Upper

63 100

106 30.5 23.8 35.8

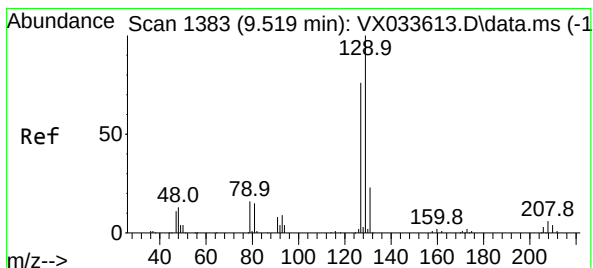
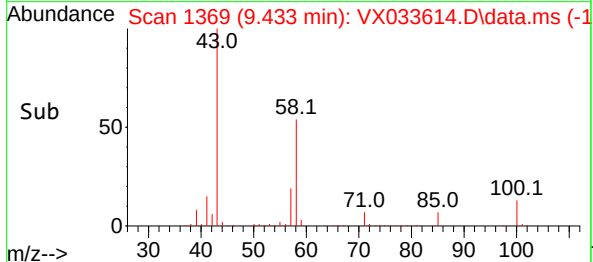
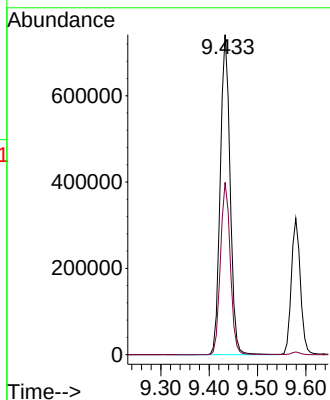
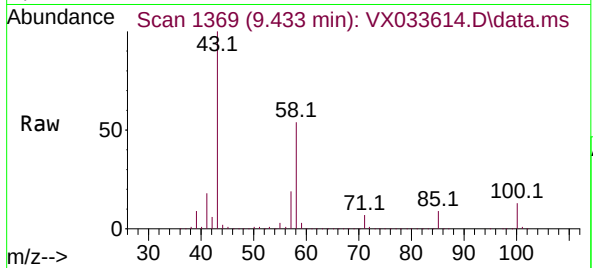




#59  
2-Hexanone  
Concen: 533.432 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

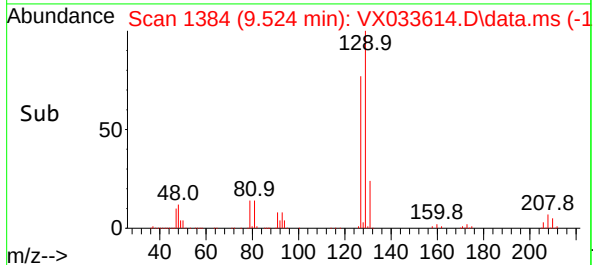
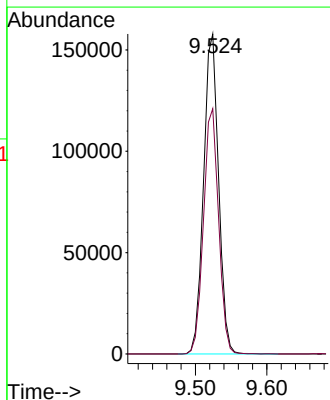
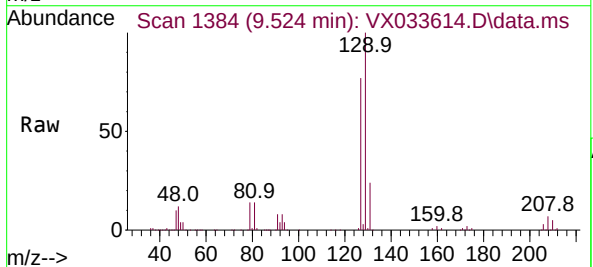
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

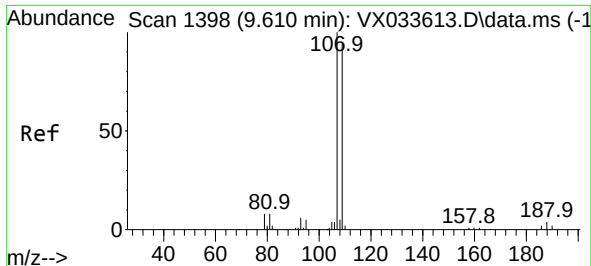
Tgt Ion: 43 Resp: 1044438  
Ion Ratio Lower Upper  
43 100  
58 54.0 26.6 79.8



#60  
Dibromochloromethane  
Concen: 114.040 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 129 Resp: 229957  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.3

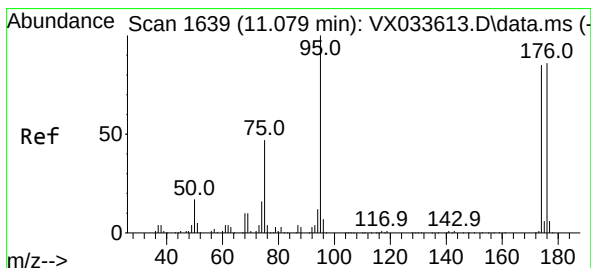
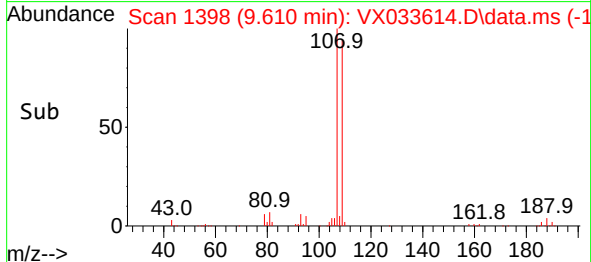
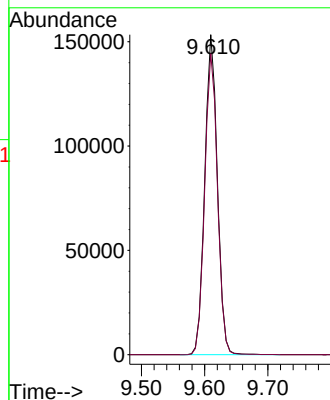
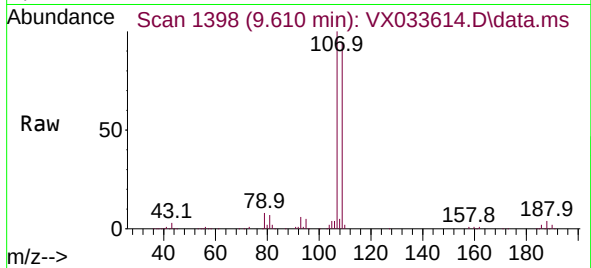




#61  
1,2-Dibromoethane  
Concen: 109.546 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

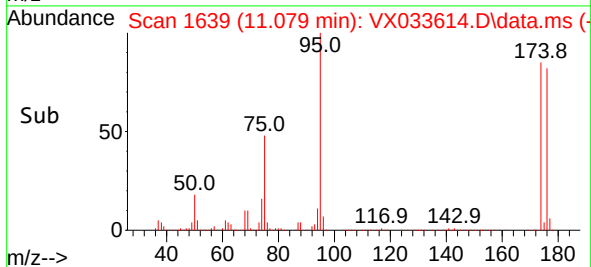
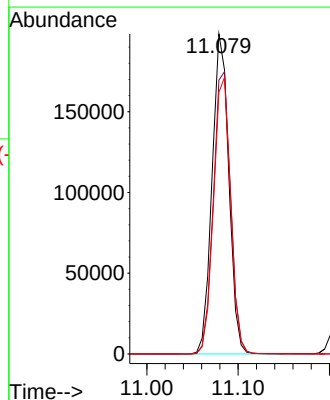
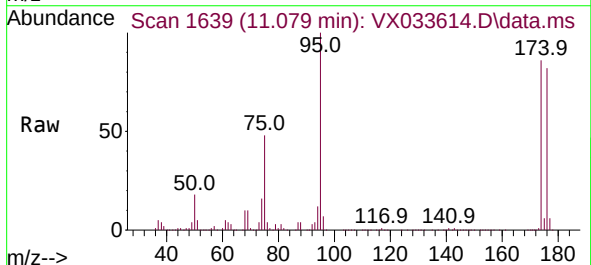
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

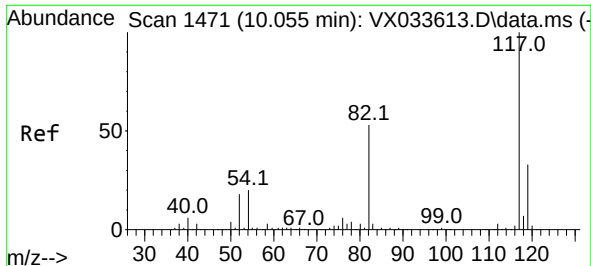
Tgt Ion:107 Resp: 213604  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 109.728 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 95 Resp: 251368  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 180.4  
176 88.3 0.0 176.2

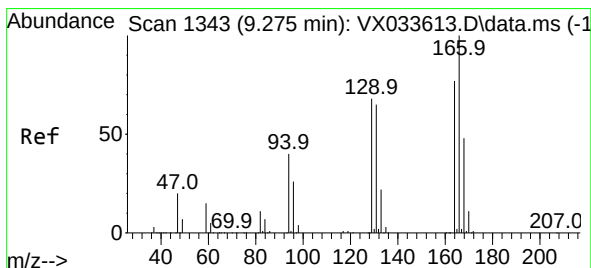
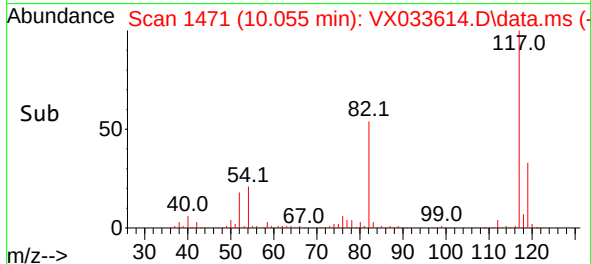
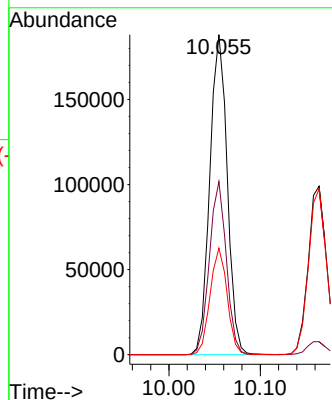
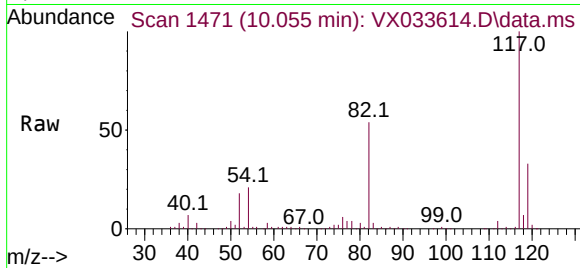




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

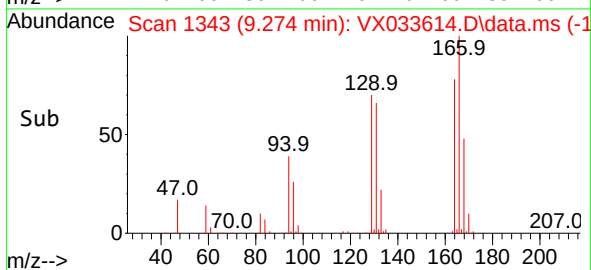
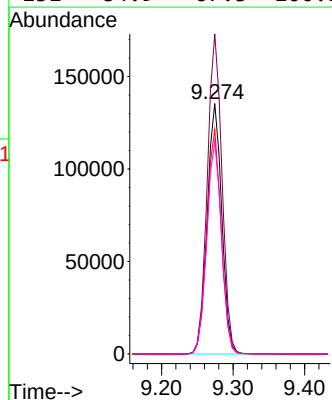
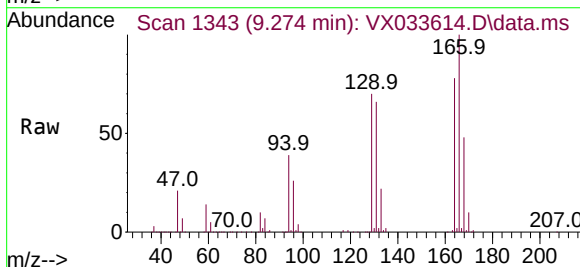
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

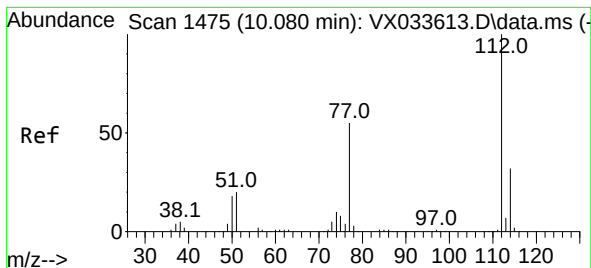
Tgt Ion:117 Resp: 249908  
Ion Ratio Lower Upper  
117 100  
82 54.1 42.2 63.2  
119 33.3 26.2 39.4



#64  
Tetrachloroethene  
Concen: 104.663 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion:164 Resp: 192491  
Ion Ratio Lower Upper  
164 100  
166 127.8 103.4 155.0  
129 89.6 70.0 105.0  
131 84.9 67.3 100.9





#65

Chlorobenzene

Concen: 105.838 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

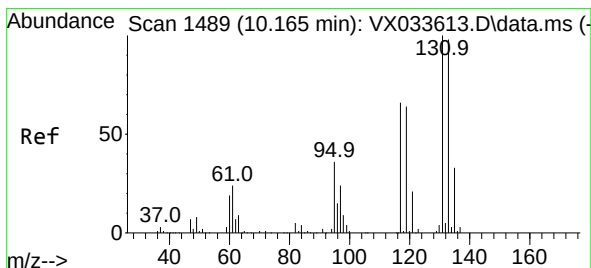
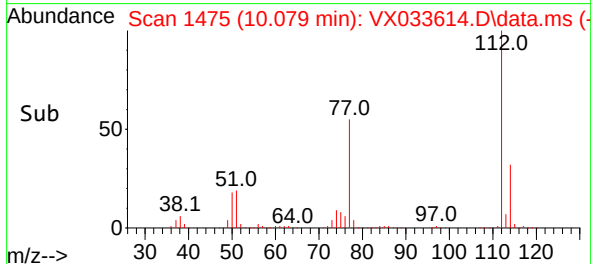
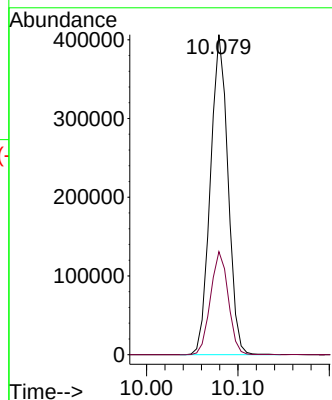
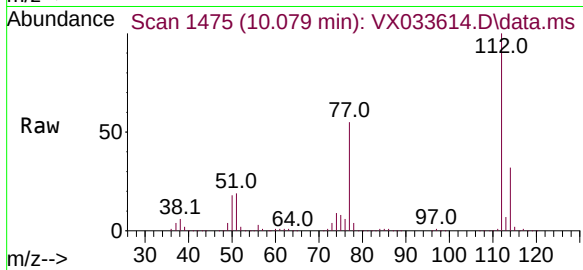
VSTDIC100

Tgt Ion:112 Resp: 541272

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 110.487 ug/l

RT: 10.164 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

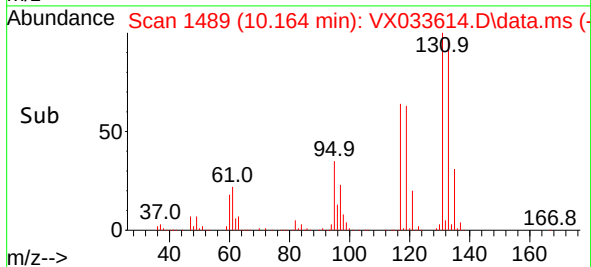
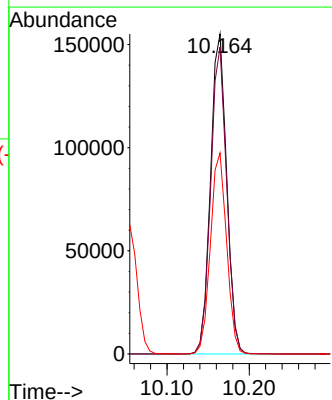
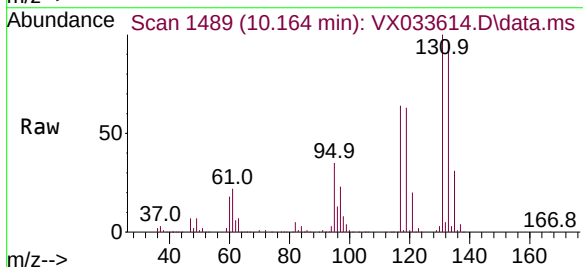
Tgt Ion:131 Resp: 211216

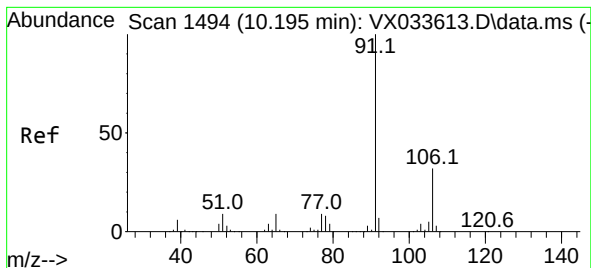
Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

119 63.2 31.4 94.3





#67

Ethyl Benzene

Concen: 106.422 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

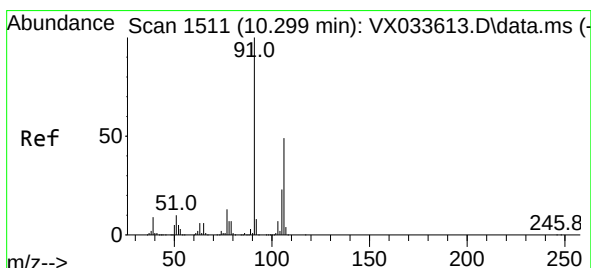
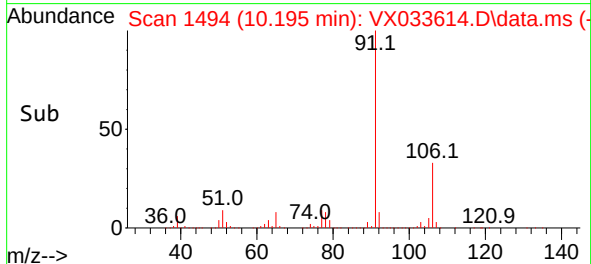
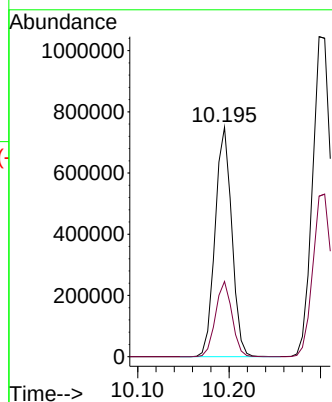
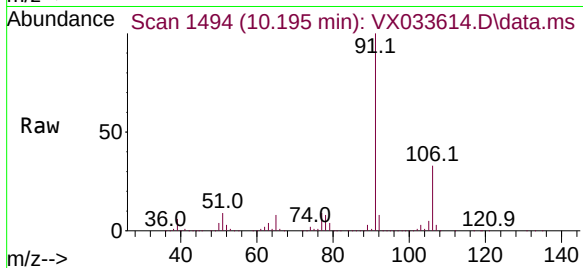
VSTDICC100

Tgt Ion: 91 Resp: 950015

Ion Ratio Lower Upper

91 100

106 32.8 25.9 38.9



#68

m/p-Xylenes

Concen: 215.622 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX033614.D

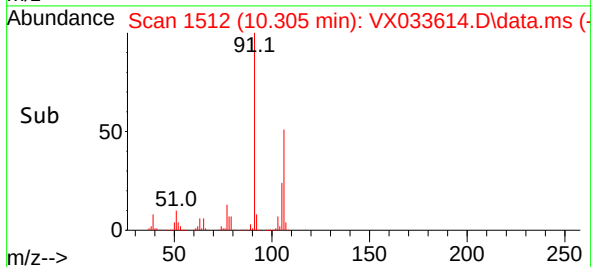
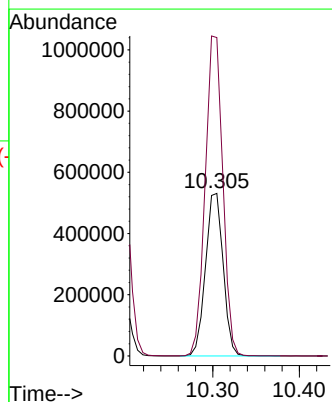
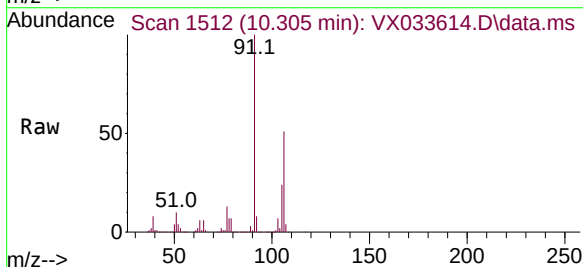
Acq: 04 Jan 2023 12:37

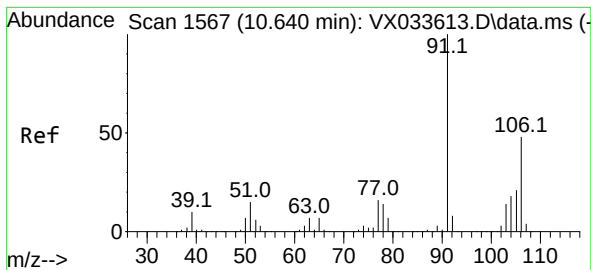
Tgt Ion:106 Resp: 751185

Ion Ratio Lower Upper

106 100

91 196.7 159.6 239.4

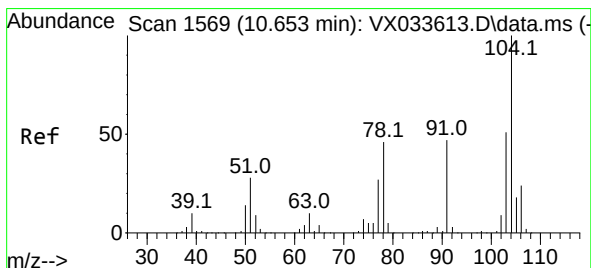
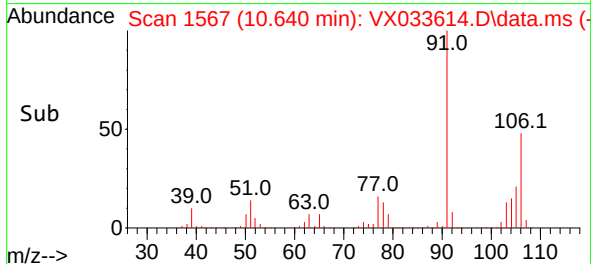
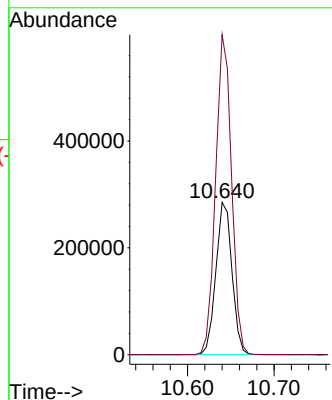
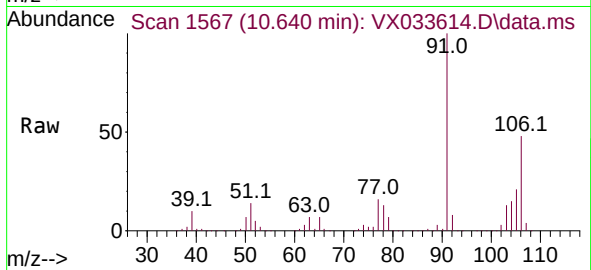




#69  
o-Xylene  
Concen: 106.663 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

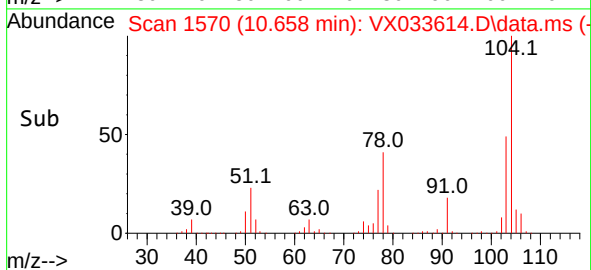
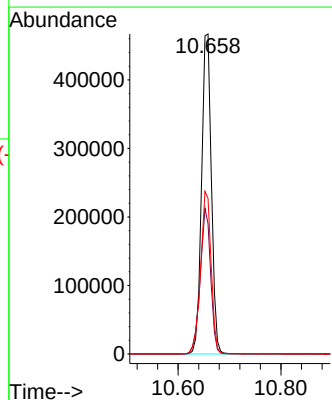
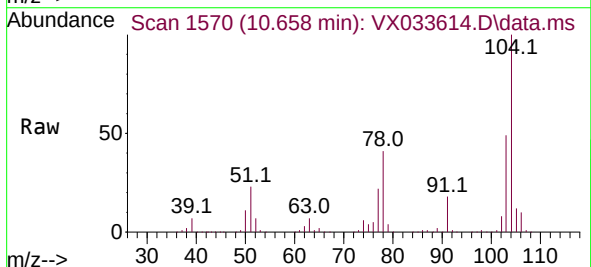
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

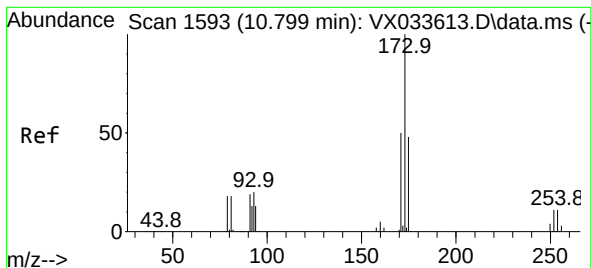
Tgt Ion:106 Resp: 368422  
Ion Ratio Lower Upper  
106 100  
91 207.5 104.1 312.3



#70  
Styrene  
Concen: 109.233 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion:104 Resp: 619834  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.3 58.9  
103 54.4 43.3 64.9





#71

Bromoform

Concen: 117.984 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

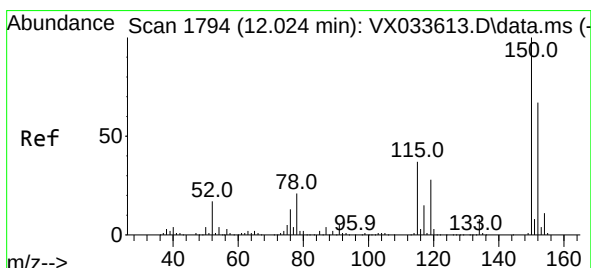
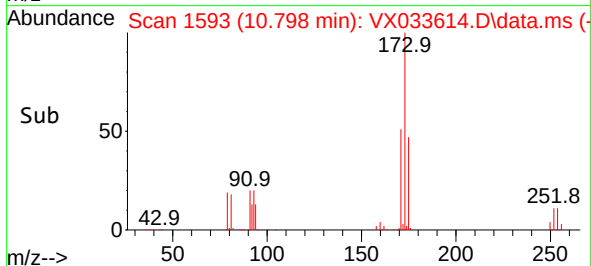
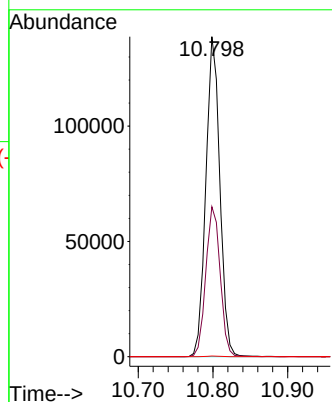
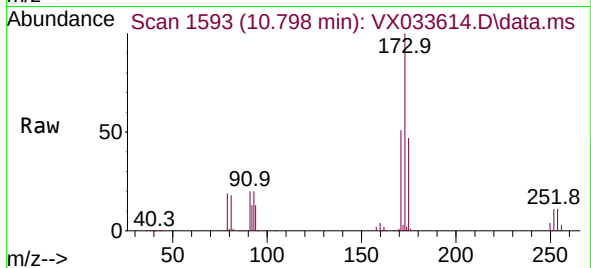
Tgt Ion:173 Resp: 180579

Ion Ratio Lower Upper

173 100

175 48.1 23.8 71.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

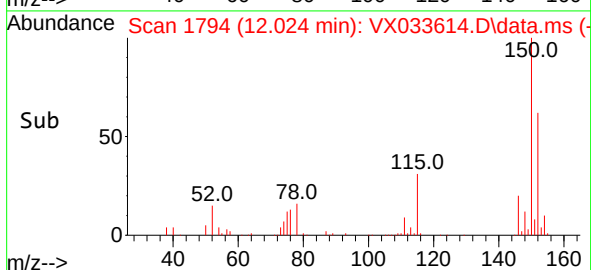
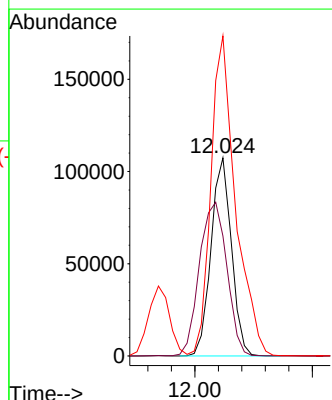
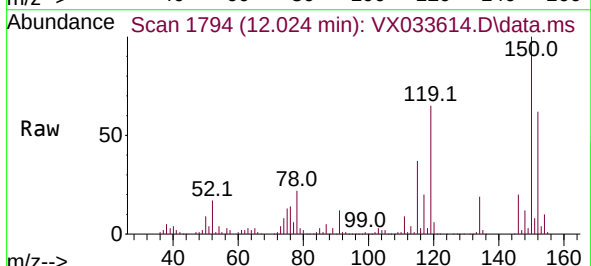
Tgt Ion:152 Resp: 129683

Ion Ratio Lower Upper

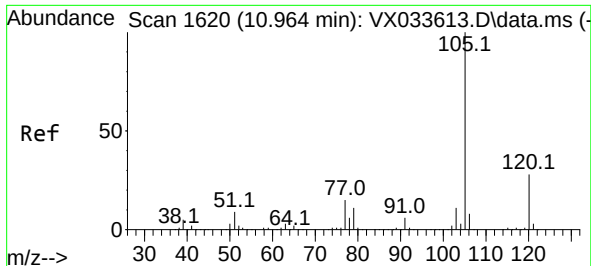
152 100

115 104.5 38.5 115.5

150 194.6 0.0 340.4



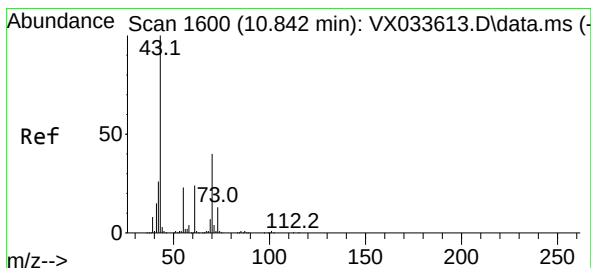
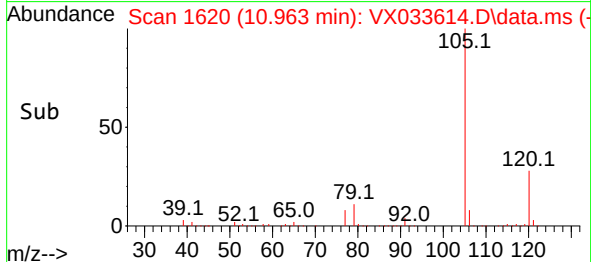
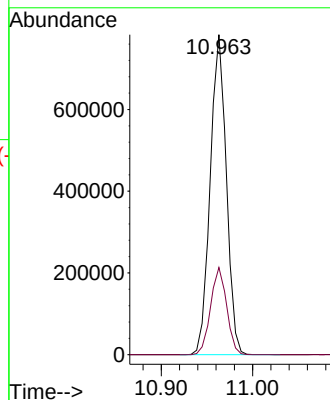
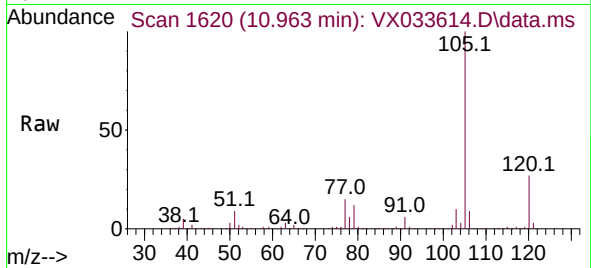




#73  
Isopropylbenzene  
Concen: 104.295 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

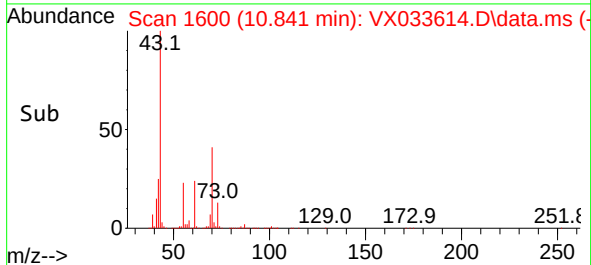
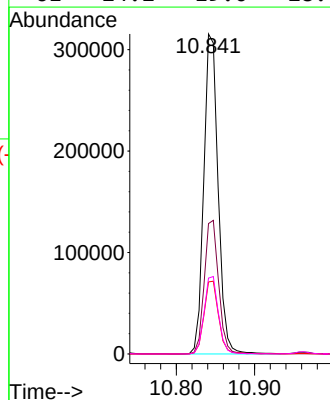
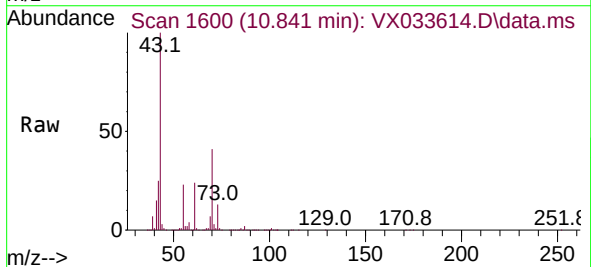
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

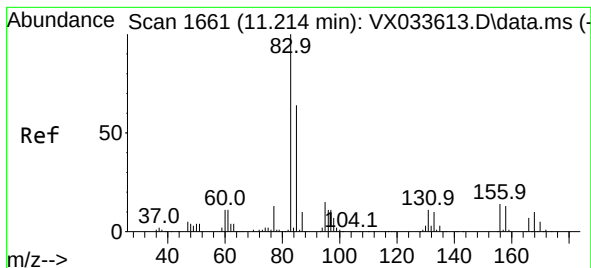
Tgt Ion:105 Resp: 955181  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.7 41.0



#74  
N-ethyl acetate  
Concen: 107.889 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 43 Resp: 400376  
Ion Ratio Lower Upper  
43 100  
70 42.1 33.4 50.0  
55 23.1 18.6 27.8  
61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 101.297 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

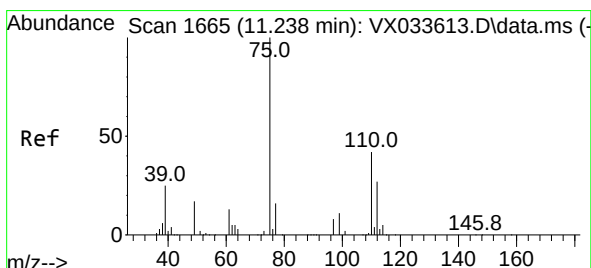
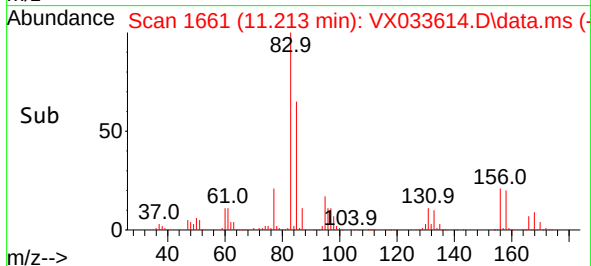
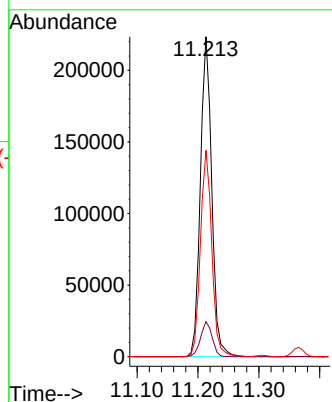
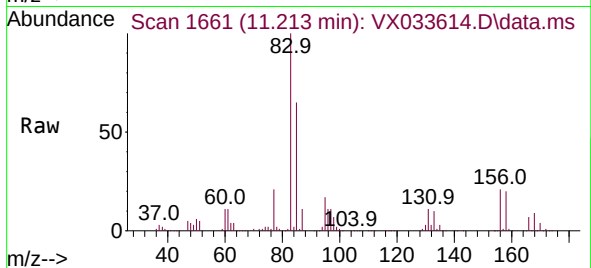
Tgt Ion: 83 Resp: 289154

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

85 64.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 135.872 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033614.D

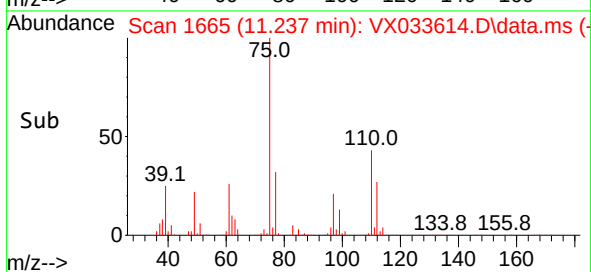
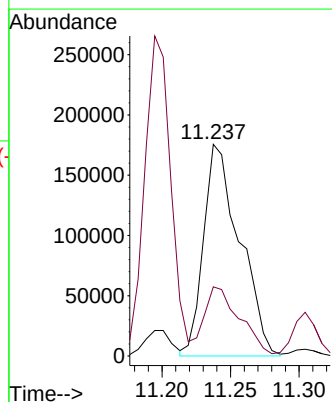
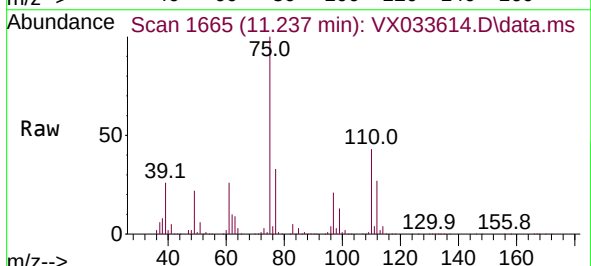
Acq: 04 Jan 2023 12:37

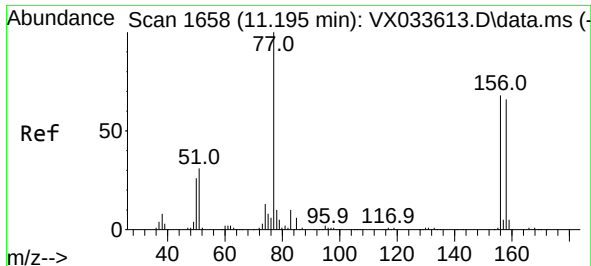
Tgt Ion: 75 Resp: 322807

Ion Ratio Lower Upper

75 100

77 32.4 21.3 63.9

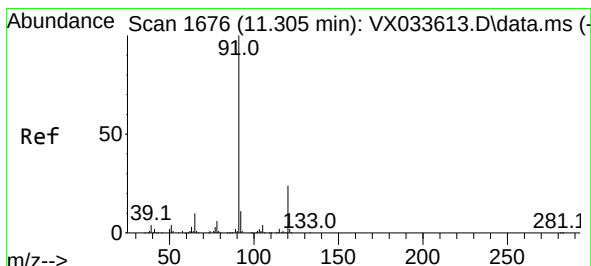
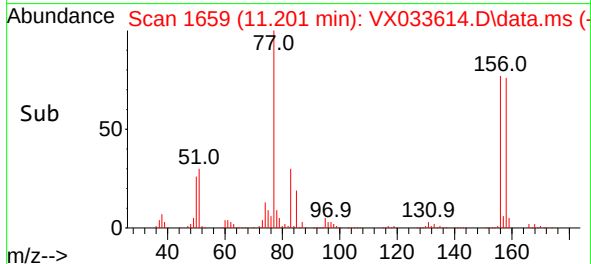
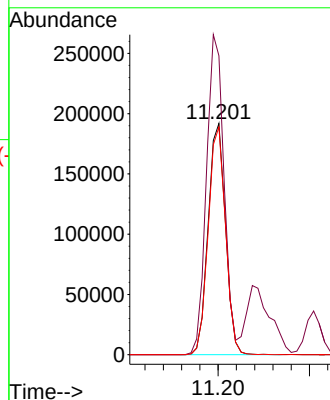
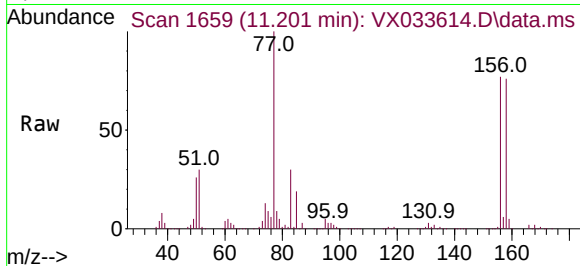




#77  
Bromobenzene  
Concen: 104.166 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

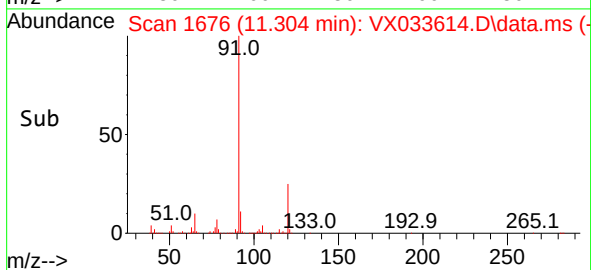
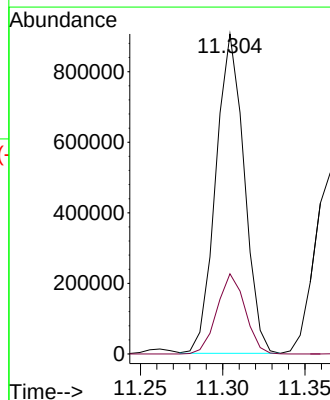
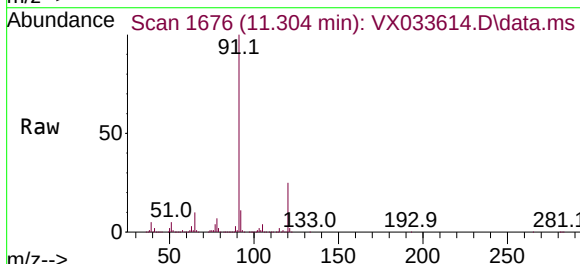
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

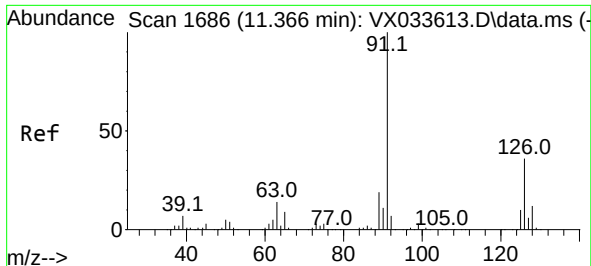
Tgt Ion:156 Resp: 252536  
Ion Ratio Lower Upper  
156 100  
77 139.4 70.9 212.6  
158 98.1 48.3 144.9



#78  
n-propylbenzene  
Concen: 104.425 ug/l  
RT: 11.304 min Scan# 1676  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 91 Resp: 1084232  
Ion Ratio Lower Upper  
91 100  
120 24.7 12.2 36.6

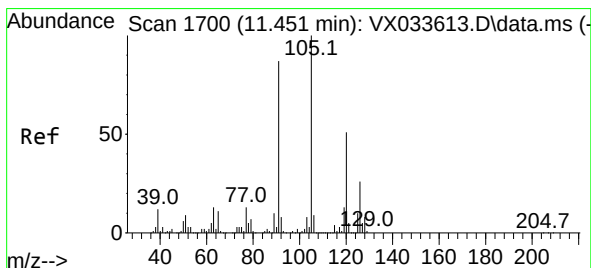
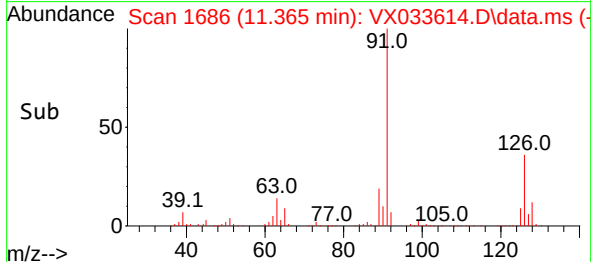
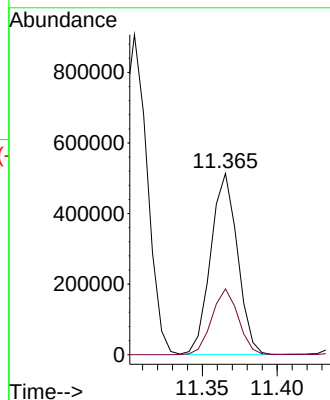
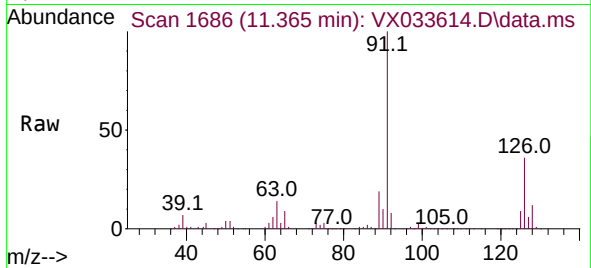




#79  
2-Chlorotoluene  
Concen: 102.544 ug/l  
RT: 11.365 min Scan# 1686  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

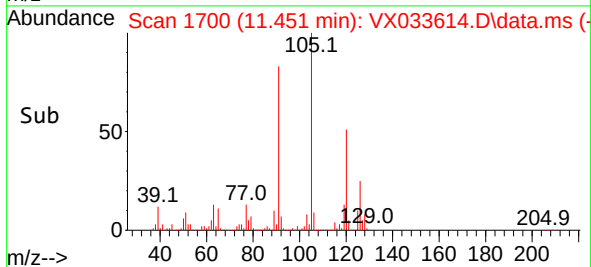
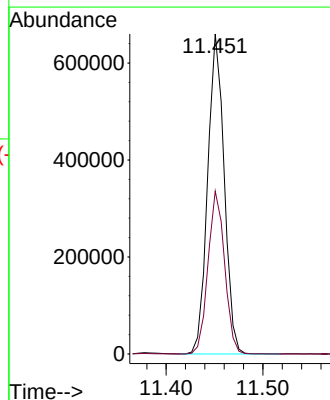
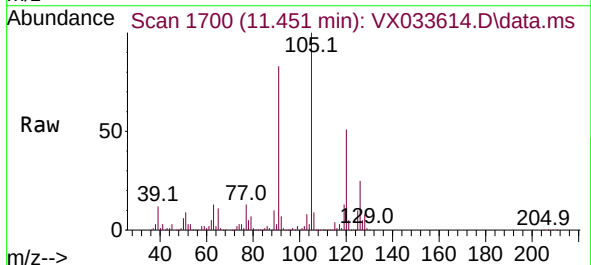
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

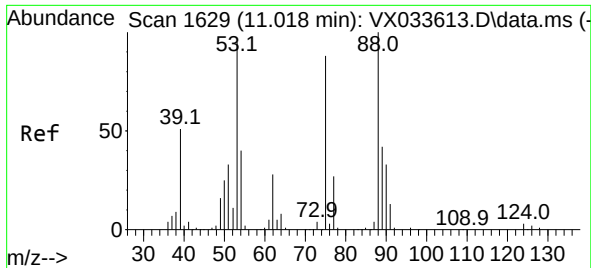
Tgt Ion: 91 Resp: 639446  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.6 52.9



#80  
1,3,5-Trimethylbenzene  
Concen: 103.995 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 105 Resp: 784134  
Ion Ratio Lower Upper  
105 100  
120 51.1 25.5 76.5

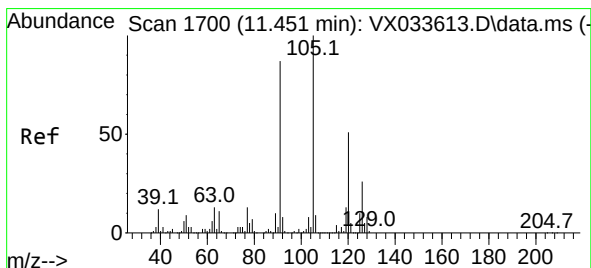
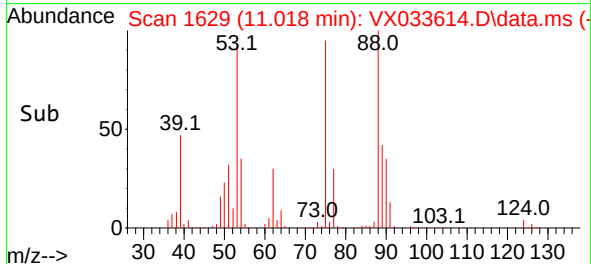
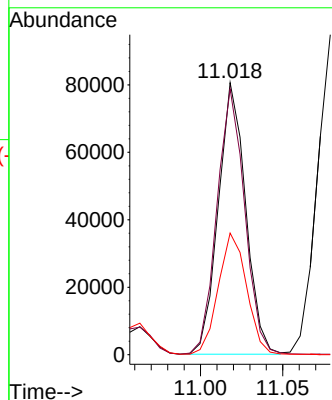
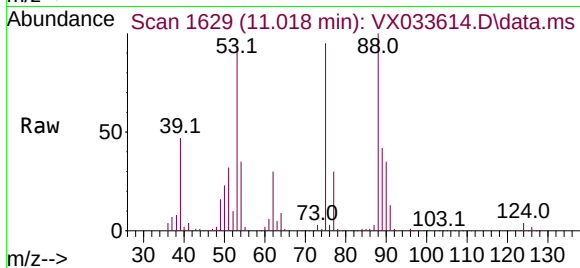




#81  
trans-1,4-Dichloro-2-butene  
Concen: 118.968 ug/l  
RT: 11.018 min Scan# 1101  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

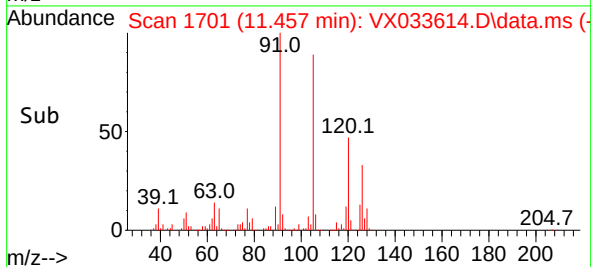
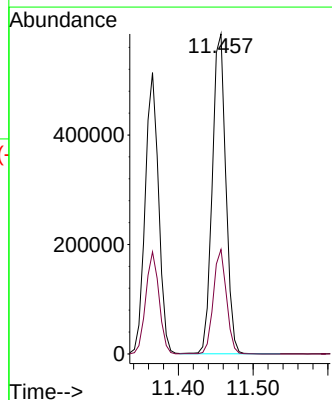
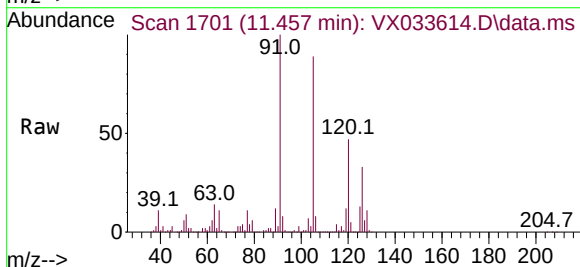
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

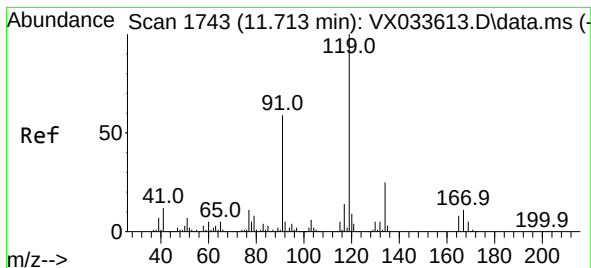
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 93125 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.9  | 86.4  | 129.6 |
| 89       | 46.7  | 37.4  | 56.2  |



#82  
4-Chlorotoluene  
Concen: 102.143 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 736442 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.7  | 15.7  | 47.0   |





#83

tert-Butylbenzene

Concen: 104.595 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

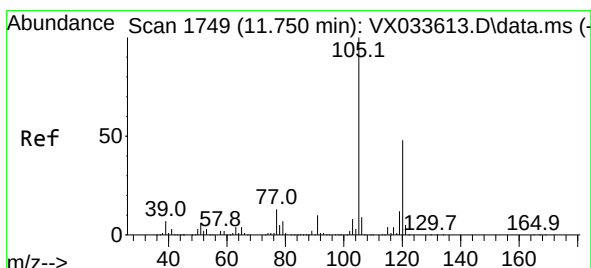
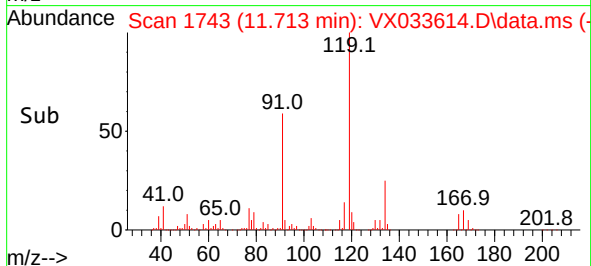
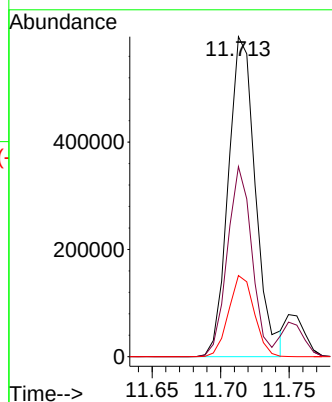
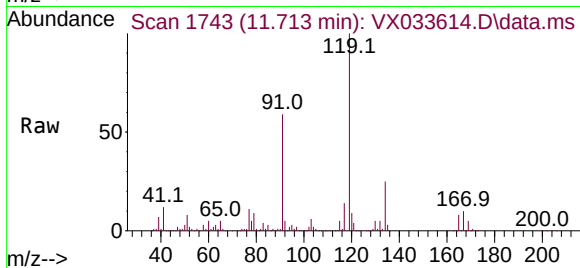
Tgt Ion:119 Resp: 822827

Ion Ratio Lower Upper

119 100

91 53.7 27.9 83.6

134 23.9 12.2 36.6



#84

1,2,4-Trimethylbenzene

Concen: 103.377 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033614.D

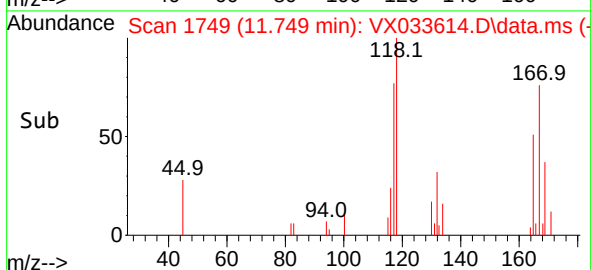
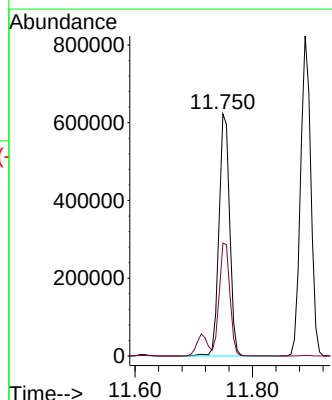
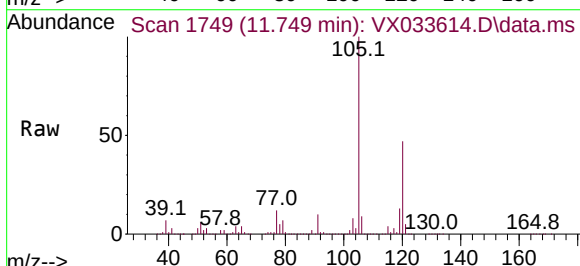
Acq: 04 Jan 2023 12:37

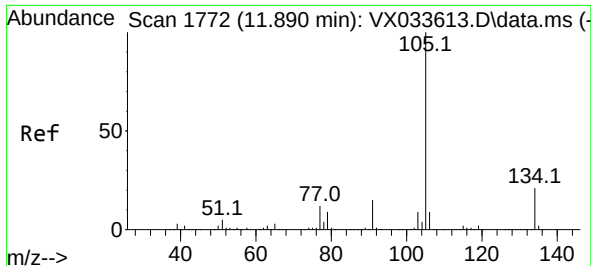
Tgt Ion:105 Resp: 782152

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0

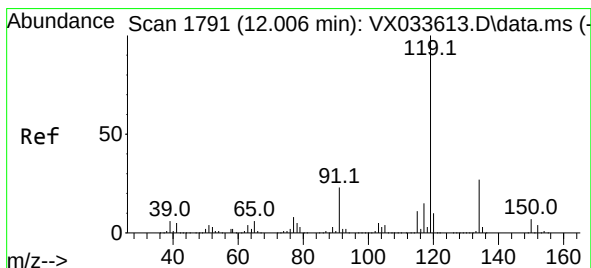
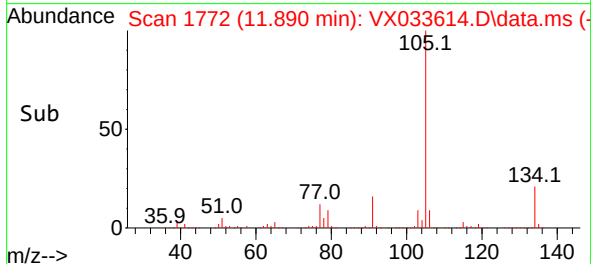
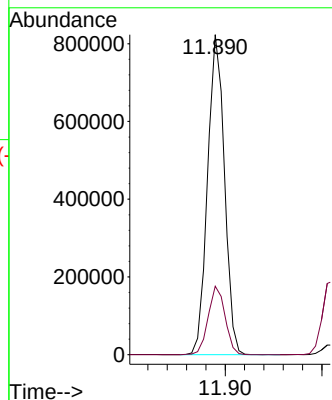
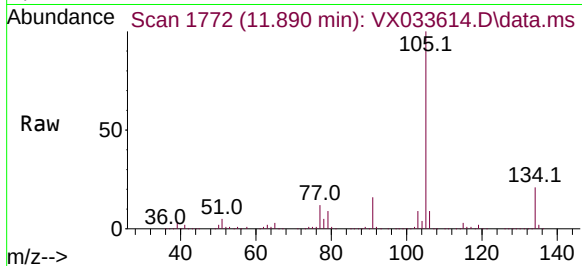




#85  
 sec-Butylbenzene  
 Concen: 107.299 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX033614.D  
 Acq: 04 Jan 2023 12:37

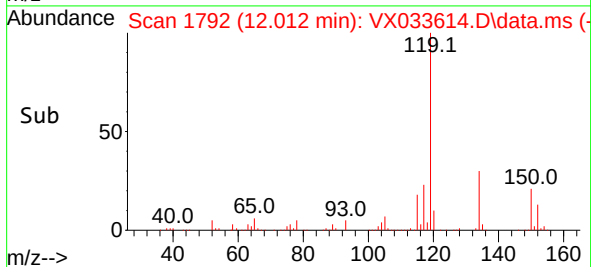
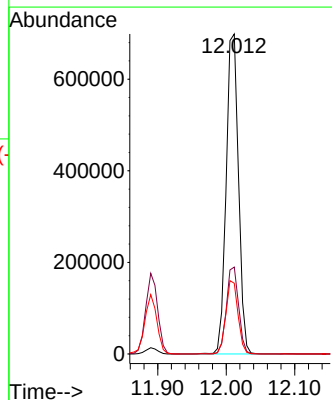
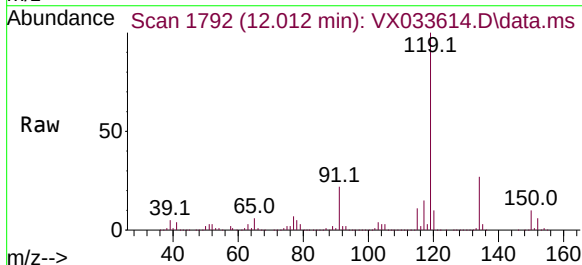
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

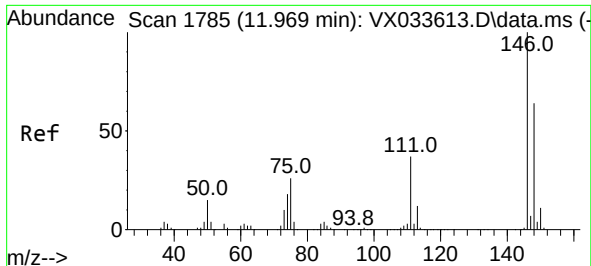
Tgt Ion:105 Resp: 997262  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.8 32.4



#86  
 p-Isopropyltoluene  
 Concen: 108.924 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX033614.D  
 Acq: 04 Jan 2023 12:37

Tgt Ion:119 Resp: 865090  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.4 40.2  
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 105.879 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

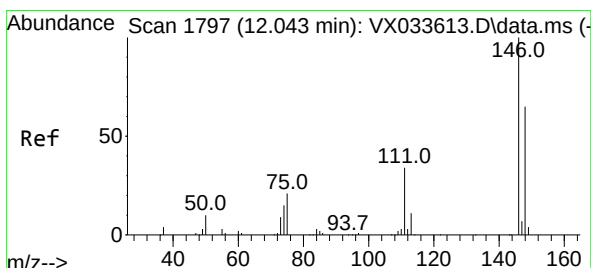
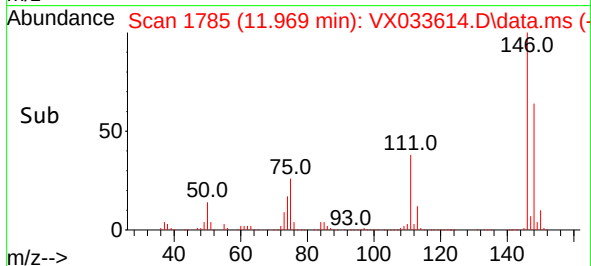
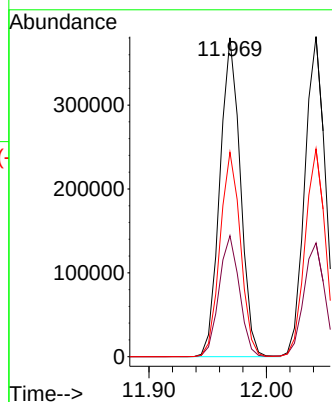
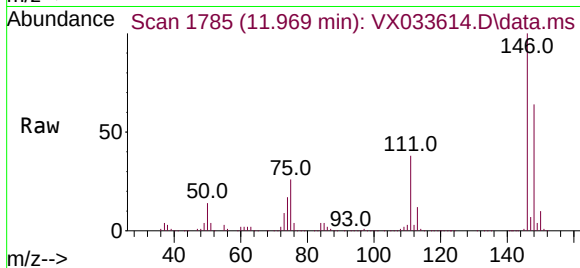
Tgt Ion:146 Resp: 461998

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.5

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 108.628 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

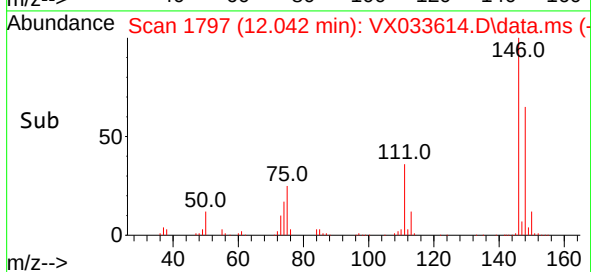
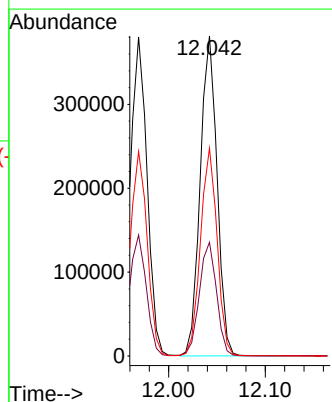
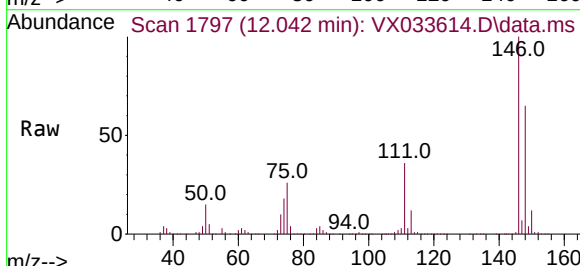
Tgt Ion:146 Resp: 463678

Ion Ratio Lower Upper

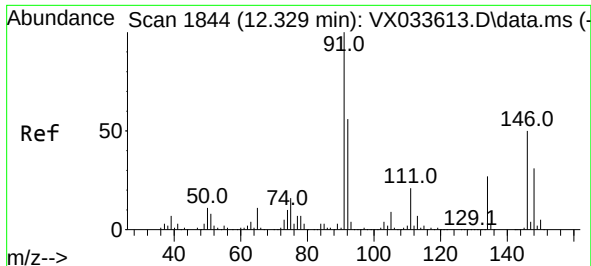
146 100

111 36.2 18.2 54.6

148 64.3 32.2 96.6







#89

n-Butylbenzene

Concen: 112.252 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

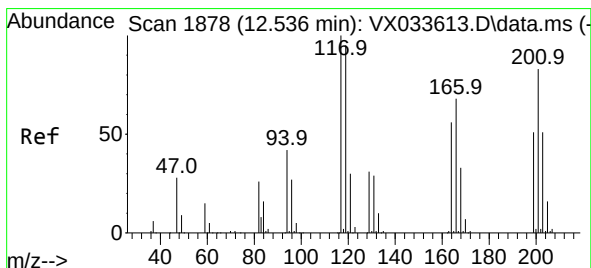
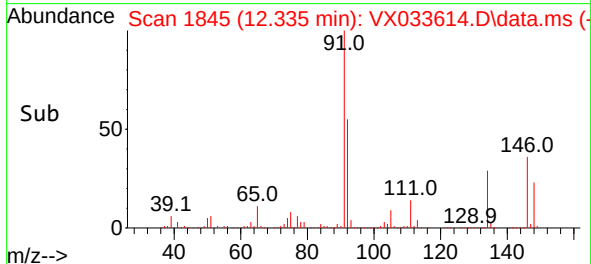
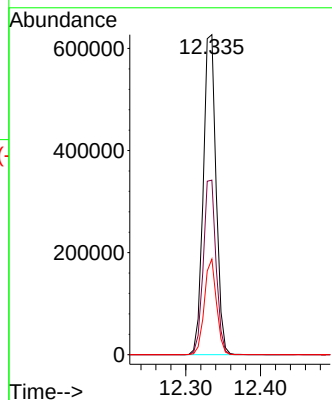
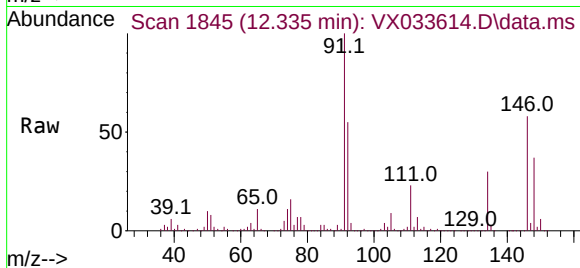
Tgt Ion: 91 Resp: 745539

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 28.4 14.1 42.4



#90

Hexachloroethane

Concen: 116.187 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033614.D

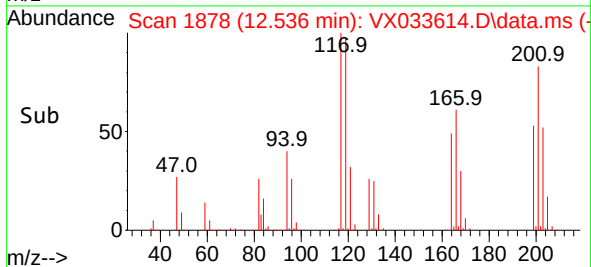
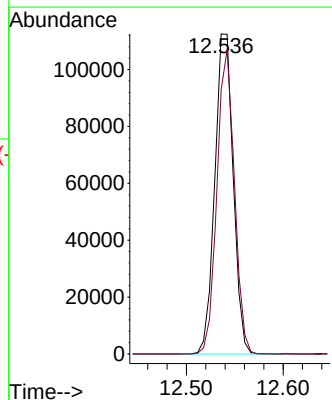
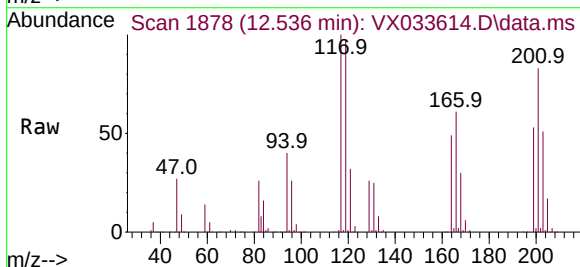
Acq: 04 Jan 2023 12:37

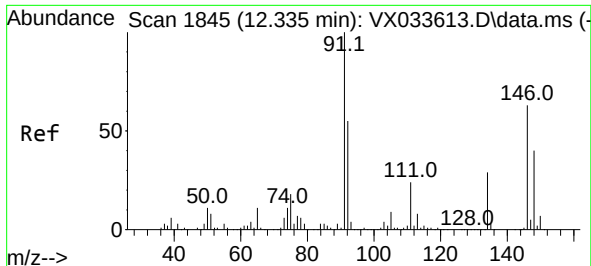
Tgt Ion: 117 Resp: 148873

Ion Ratio Lower Upper

117 100

201 89.8 45.6 136.7

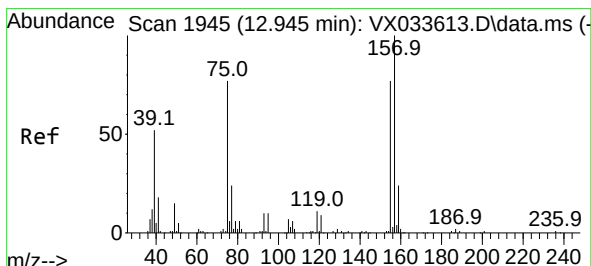
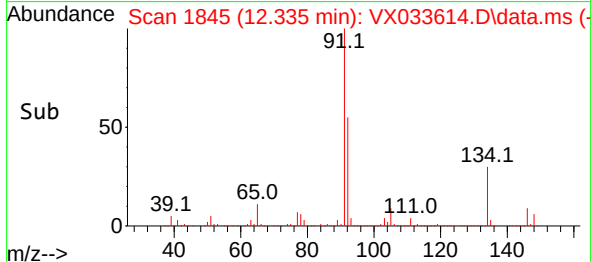
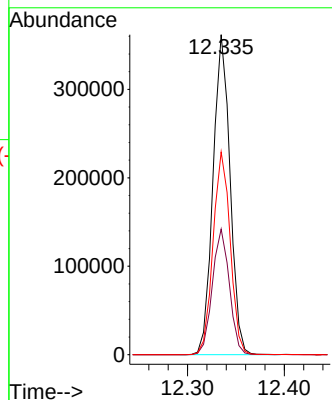
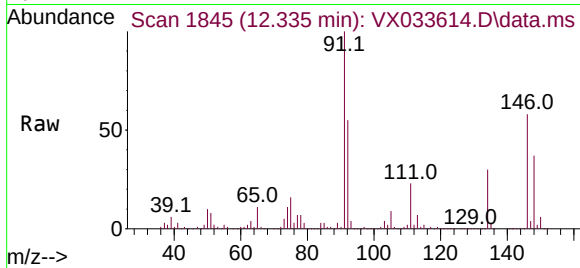




#91  
1,2-Dichlorobenzene  
Concen: 106.184 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

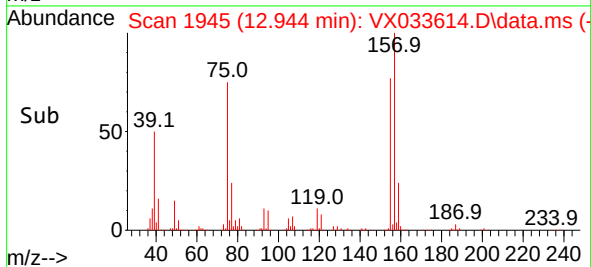
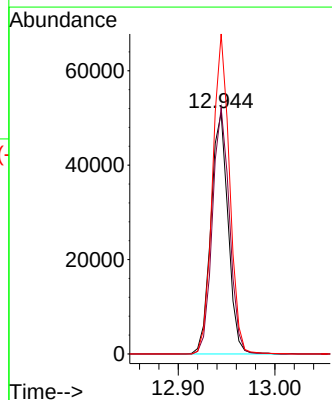
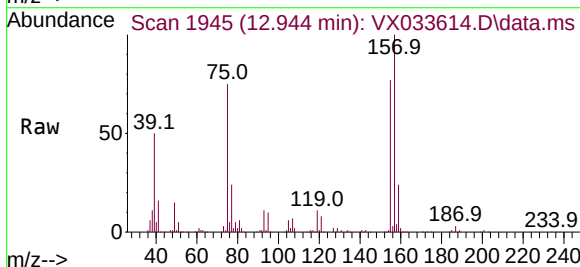
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MSVOA\_X  
ClientSampleId :  
VSTDIC100

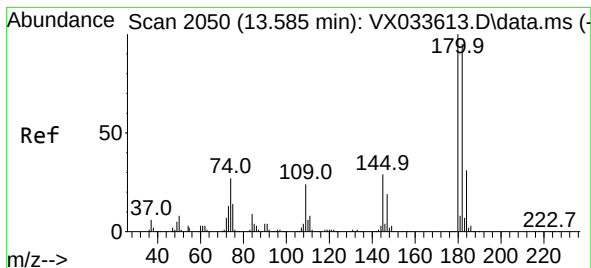
Tgt Ion:146 Resp: 442714  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.7 59.0  
148 63.9 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 119.217 ug/l  
RT: 12.944 min Scan# 1945  
Delta R.T. -0.001 min  
Lab File: VX033614.D  
Acq: 04 Jan 2023 12:37

Tgt Ion: 75 Resp: 63278  
Ion Ratio Lower Upper  
75 100  
155 100.8 48.4 145.0  
157 130.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 126.887 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

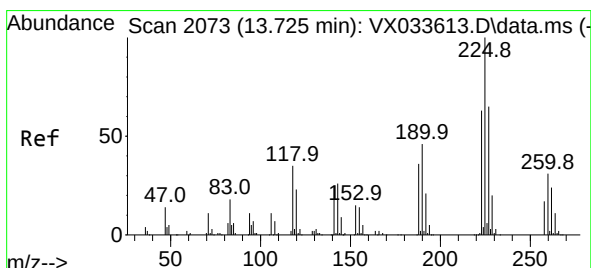
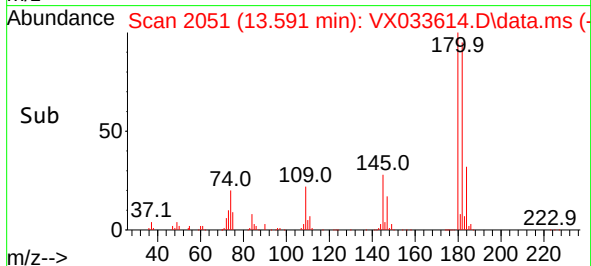
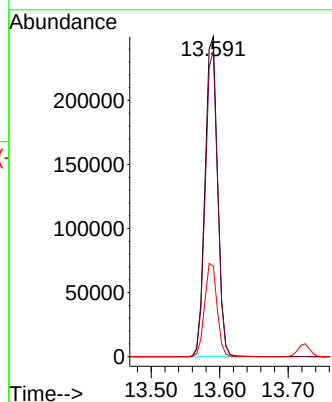
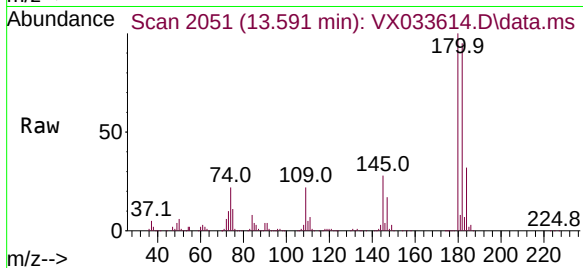
Tgt Ion:180 Resp: 318350

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.2

145 29.0 14.1 42.2



#94

Hexachlorobutadiene

Concen: 118.414 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

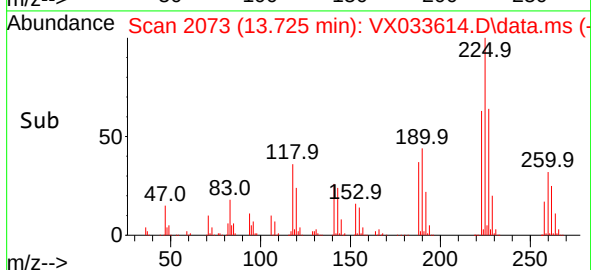
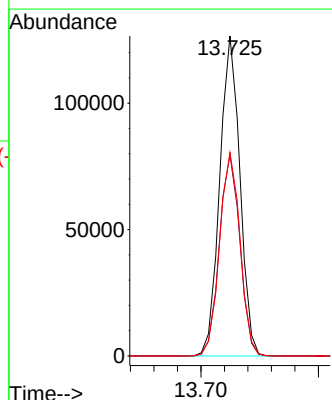
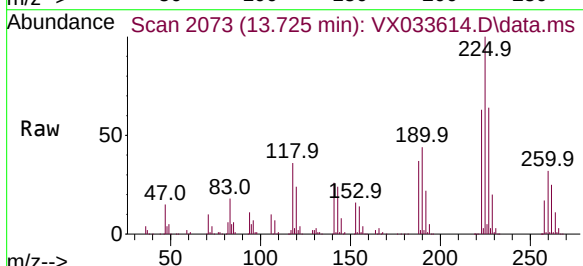
Tgt Ion:225 Resp: 150833

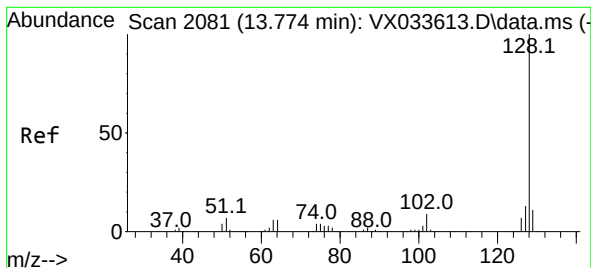
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.3

227 64.7 31.9 95.5





#95

Naphthalene

Concen: 120.888 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

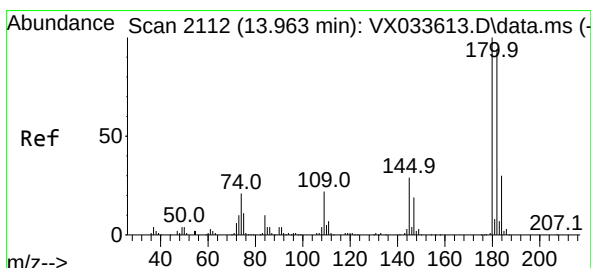
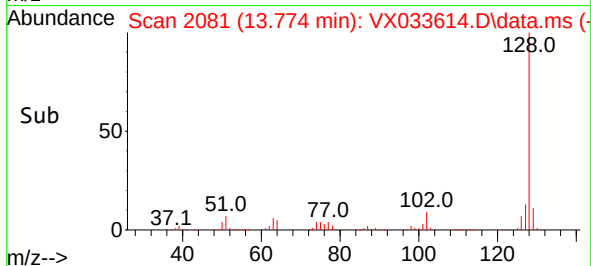
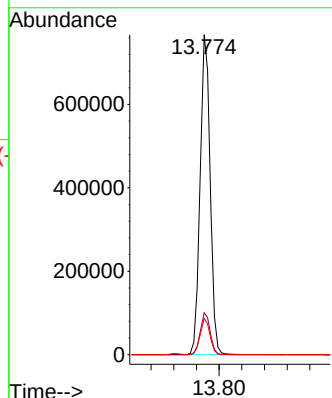
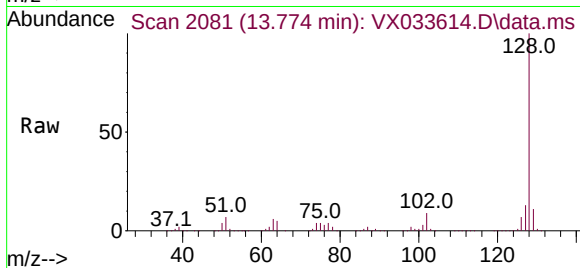
Tgt Ion:128 Resp: 941077

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 122.904 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Tgt Ion:180 Resp: 312861

Ion Ratio Lower Upper

180 100

182 96.2 47.2 141.6

145 30.3 15.0 45.0

