

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110923\  
 Data File : VX038716.D  
 Acq On : 10 Nov 2023 09:39  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 16:45:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|------------|---------|-------|----------|
| -----                        |                |      |            |         |       |          |
| Internal Standards           |                |      |            |         |       |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 294863     | 50.000  | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 461041     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 441959     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 251458     | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 172033     | 46.863  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 93.720% |       |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 159776     | 48.117  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 96.240% |       |          |
| 50) Toluene-d8               | 8.647          | 98   | 557871     | 46.950  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 93.900% |       |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 220646     | 47.895  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 95.780% |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 152079     | 49.665  | ug/l  | 98       |
| 3) Chloromethane             | 1.295          | 50   | 118139     | 44.637  | ug/l  | 95       |
| 4) Vinyl Chloride            | 1.374          | 62   | 137057     | 48.644  | ug/l  | 100      |
| 5) Bromomethane              | 1.599          | 94   | 102922     | 47.326  | ug/l  | 98       |
| 6) Chloroethane              | 1.685          | 64   | 92010      | 51.575  | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 250834     | 51.638  | ug/l  | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 81396      | 48.813  | ug/l  | 74       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 140050     | 48.761  | ug/l  | 89       |
| 10) Methyl Iodide            | 2.453          | 142  | 193348     | 54.508  | ug/l  | 92       |
| 11) Tert butyl alcohol       | 2.959          | 59   | 173902     | 231.734 | ug/l  | # 92     |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 137327     | 49.904  | ug/l  | # 77     |
| 13) Acrolein                 | 2.233          | 56   | 108435     | 190.647 | ug/l  | 100      |
| 14) Allyl chloride           | 2.666          | 41   | 178863     | 45.380  | ug/l  | # 93     |
| 15) Acrylonitrile            | 3.063          | 53   | 402942     | 254.425 | ug/l  | 99       |
| 16) Acetone                  | 2.380          | 43   | 340543     | 220.271 | ug/l  | # 89     |
| 17) Carbon Disulfide         | 2.514          | 76   | 335761     | 45.920  | ug/l  | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 348186     | 52.863  | ug/l  | # 86     |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 444245     | 50.483  | ug/l  | 97       |
| 20) Methylene Chloride       | 2.788          | 84   | 148725     | 47.721  | ug/l  | # 81     |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 148939     | 49.715  | ug/l  | # 81     |
| 22) Diisopropyl ether        | 3.758          | 45   | 369446     | 49.733  | ug/l  | # 90     |
| 23) Vinyl Acetate            | 3.721          | 43   | 1186112    | 224.955 | ug/l  | # 90     |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 239266     | 48.683  | ug/l  | 96       |
| 25) 2-Butanone               | 4.550          | 43   | 540713     | 241.433 | ug/l  | # 85     |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 138379     | 32.247  | ug/l  | 91       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 171686     | 49.628  | ug/l  | 81       |
| 28) Bromochloromethane       | 4.898          | 49   | 110980     | 50.247  | ug/l  | # 55     |
| 29) Tetrahydrofuran          | 5.001          | 42   | 347215     | 249.183 | ug/l  | # 80     |
| 30) Chloroform               | 5.093          | 83   | 278870     | 48.360  | ug/l  | 100      |
| 31) Cyclohexane              | 5.471          | 56   | 193153     | 47.542  | ug/l  | 85       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 255927     | 50.431  | ug/l  | 95       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 195290     | 47.346  | ug/l  | 94       |
| 37) Ethyl Acetate            | 4.715          | 43   | 200012     | 47.494  | ug/l  | # 93     |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 230836     | 50.060  | ug/l  | 98       |
| 39) Methylcyclohexane        | 7.379          | 83   | 236452     | 45.850  | ug/l  | 89       |
| 40) Benzene                  | 6.038          | 78   | 569923     | 47.971  | ug/l  | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 16:45:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 105014   | 48.946   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 208806   | 48.710   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 308564   | 47.659   | ug/l # | 90       |
| 44) Trichloroethene           | 7.129  | 130  | 182997   | 49.505   | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 138677   | 48.286   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 116990   | 48.709   | ug/l # | 85       |
| 47) Bromodichloromethane      | 7.824  | 83   | 216975   | 48.035   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 152713   | 48.944   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 72208    | 1016.566 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1040609  | 246.688  | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 386258   | 49.630   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 214638   | 46.674   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 226950   | 46.749   | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 165275   | 50.050   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 236347   | 51.156   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 253622   | 49.311   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 582138   | 256.269  | ug/l # | 89       |
| 59) 2-Hexanone                | 9.427  | 43   | 820126   | 240.280  | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.519  | 129  | 186851   | 50.406   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 186897   | 50.360   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 169662   | 51.285   | ug/l   | 94       |
| 65) Chlorobenzene             | 10.080 | 112  | 441341   | 49.055   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 172418   | 50.979   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 747183   | 49.097   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 596786   | 98.806   | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 292921   | 49.870   | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 486963   | 50.234   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 151218   | 50.656   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 763832   | 49.513   | ug/l   | 97       |
| 74) N-amyl acetate            | 10.842 | 43   | 253049   | 47.209   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 258678   | 48.503   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 278025   | 55.827   | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 206672   | 48.814   | ug/l   | 81       |
| 78) n-propylbenzene           | 11.305 | 91   | 873976   | 48.684   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 520319   | 48.412   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 656179   | 49.422   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 65610    | 41.968   | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 614184   | 48.915   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 654091   | 48.619   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 659099   | 50.051   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 812718   | 48.413   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 703084   | 49.165   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 389511   | 48.119   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 393298   | 47.270   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 593398   | 46.630   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 122359   | 50.514   | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 381197   | 48.220   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 67003    | 49.987   | ug/l   | 65       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 273133   | 48.306   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 113368   | 46.465   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 874420   | 51.268   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 269413   | 48.341   | ug/l   | 96       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 54 Sample Multiplier: 1

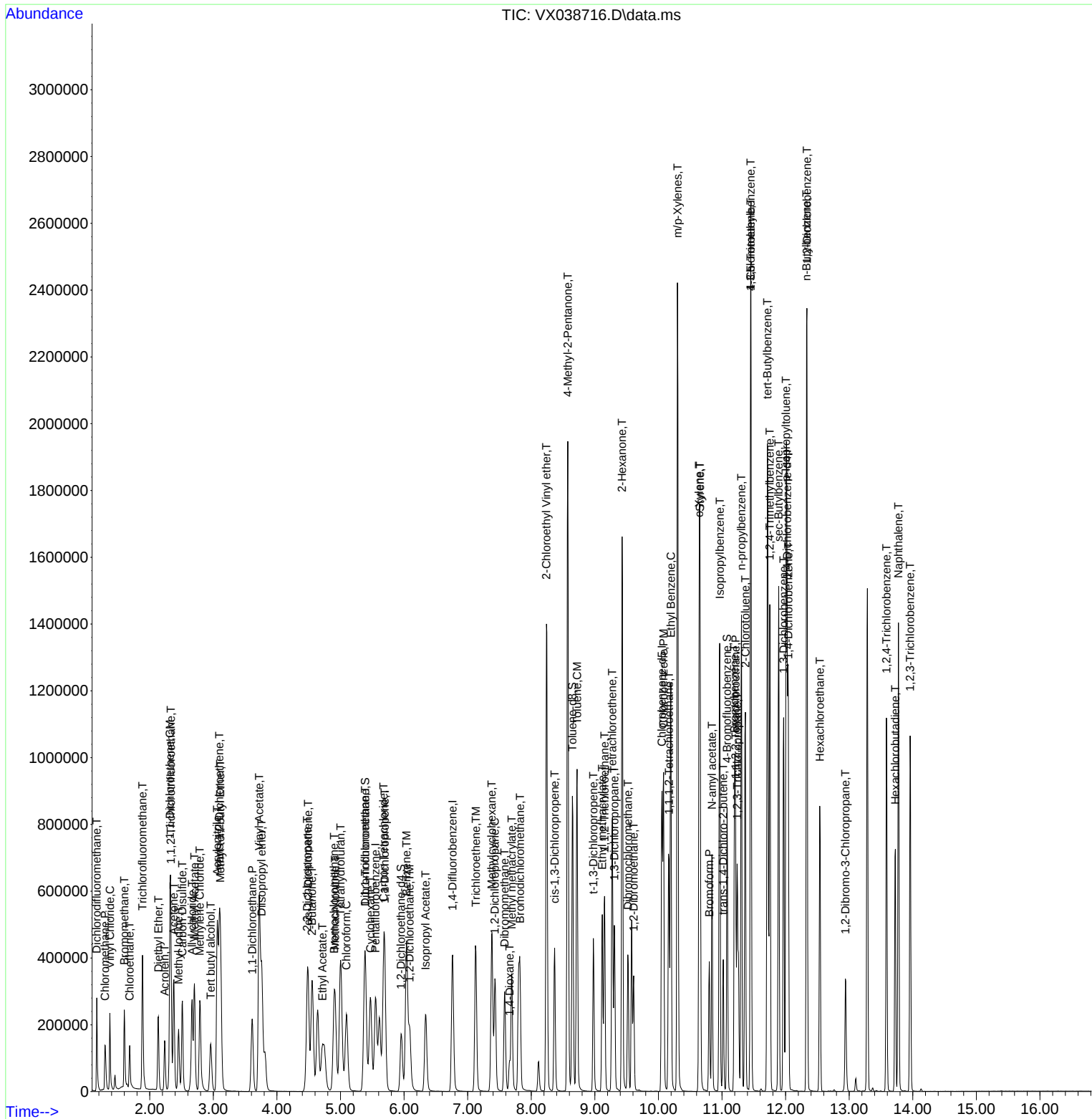
Instrument :  
MSVOA\_X  
ClientSampleId :

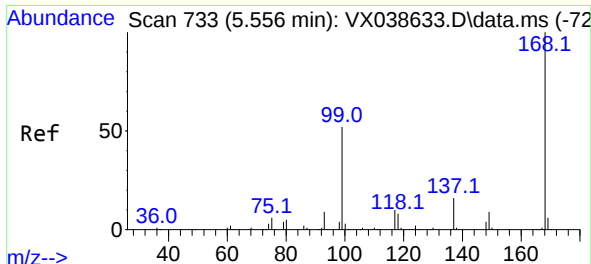
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration

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

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

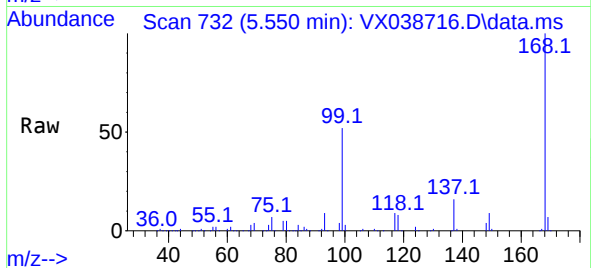
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration



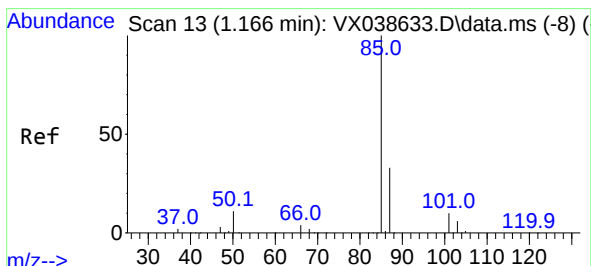
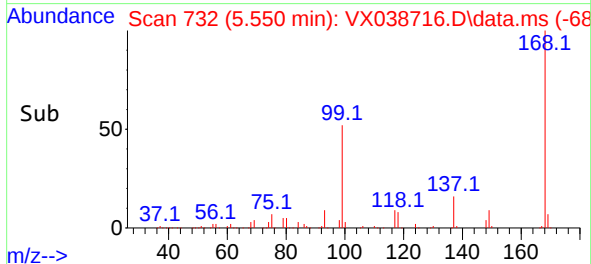
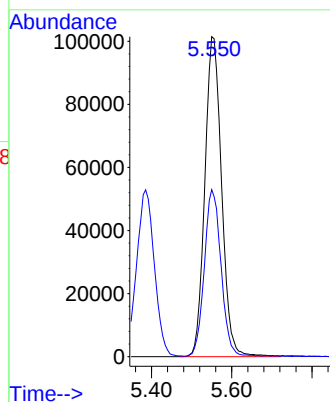


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :

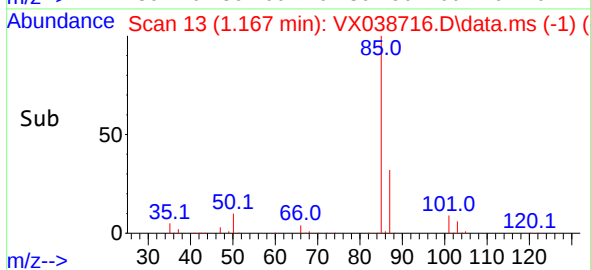
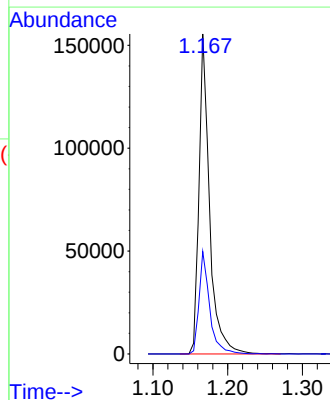
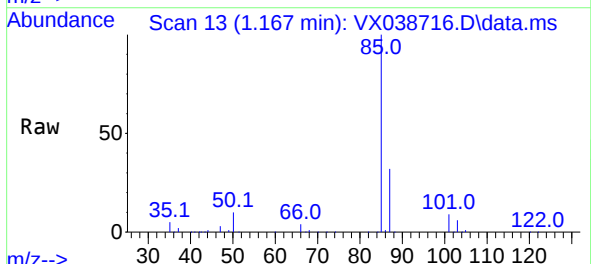


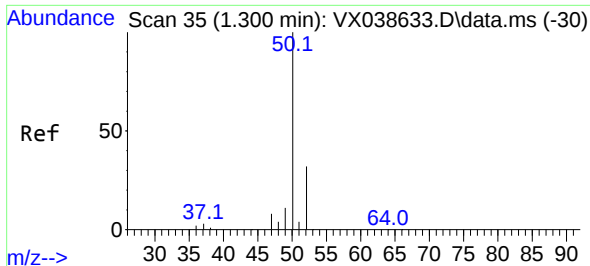
Tgt Ion:168 Resp: 294863  
Ion Ratio Lower Upper  
168 100  
99 52.0 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 49.665 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 85 Resp: 152079  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.7 50.1

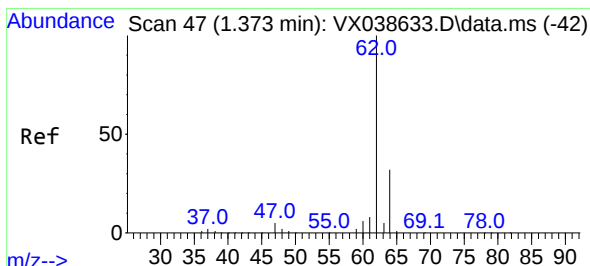
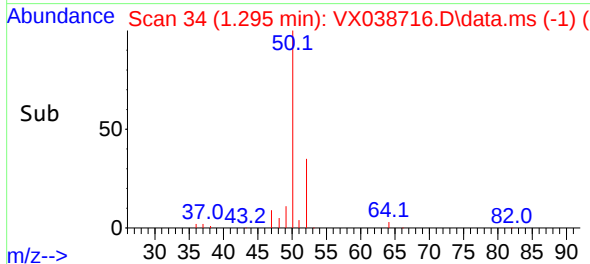
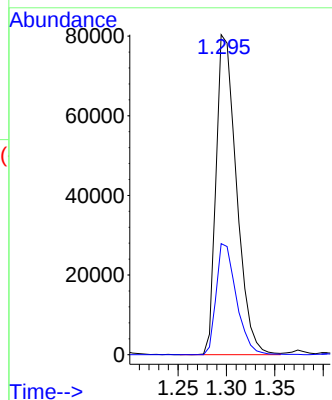
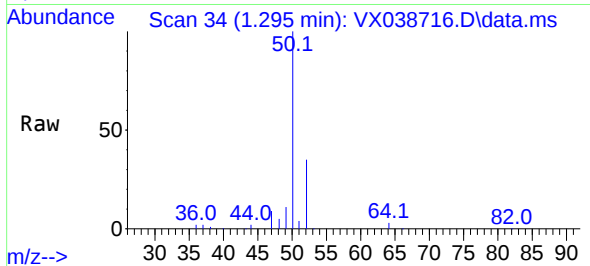




#3  
Chloromethane  
Concen: 44.637 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

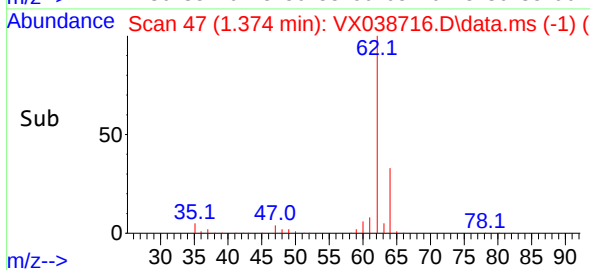
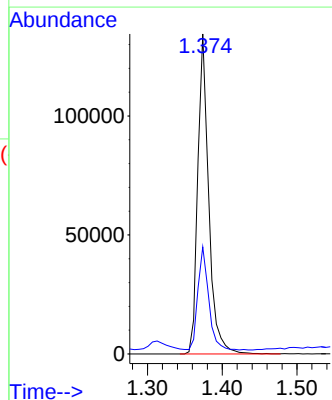
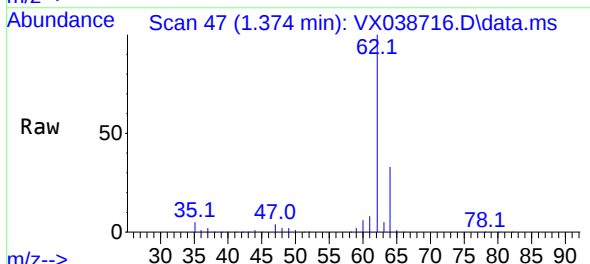
Instrument :  
MSVOA\_X  
ClientSampleId :

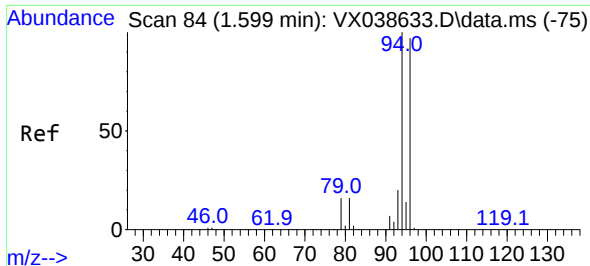
Tgt Ion: 50 Resp: 118139  
Ion Ratio Lower Upper  
50 100  
52 34.7 25.5 38.3



#4  
Vinyl Chloride  
Concen: 48.644 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 62 Resp: 137057  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.0

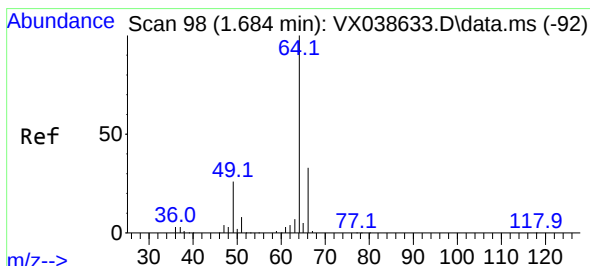
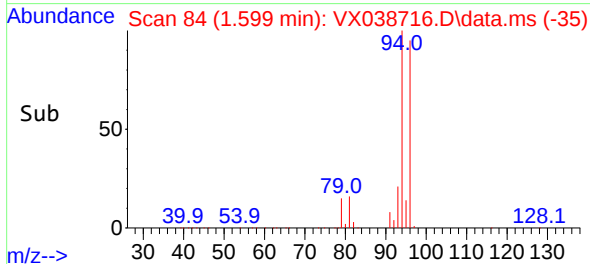
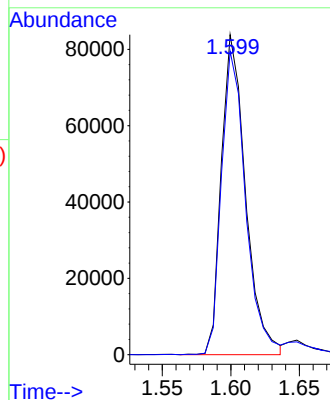
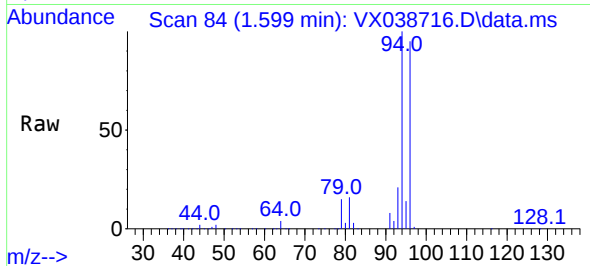




#5  
Bromomethane  
Concen: 47.326 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

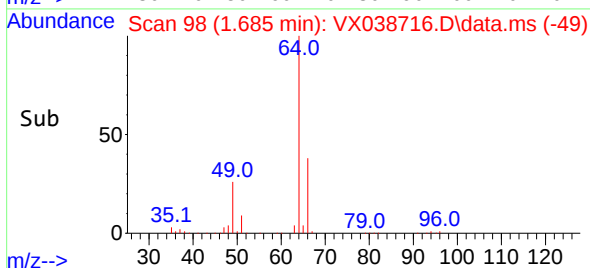
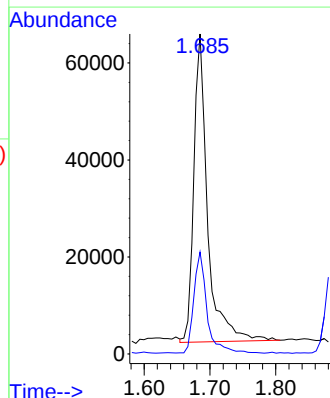
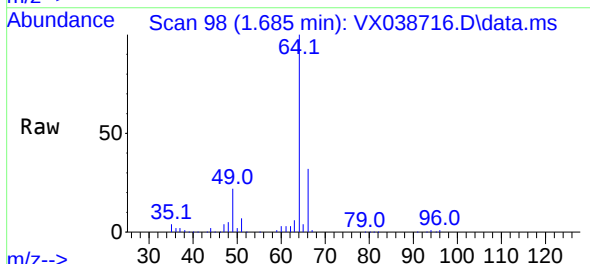
Instrument :  
MSVOA\_X  
ClientSampleId :

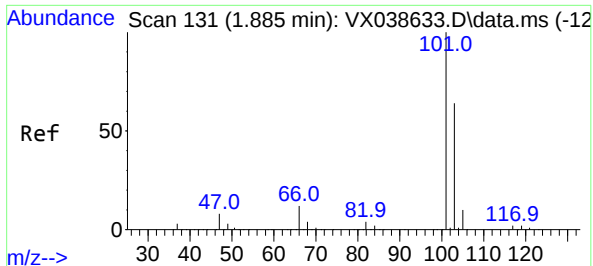
Tgt Ion: 94 Resp: 102922  
Ion Ratio Lower Upper  
94 100  
96 94.9 74.6 111.8



#6  
Chloroethane  
Concen: 51.575 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 64 Resp: 92010  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.1 37.7

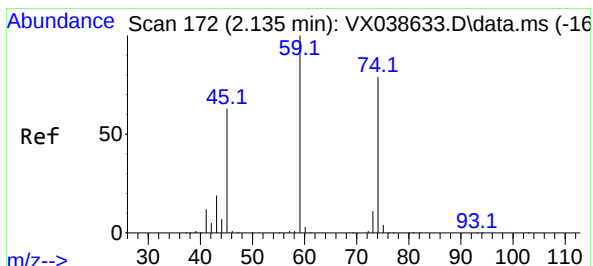
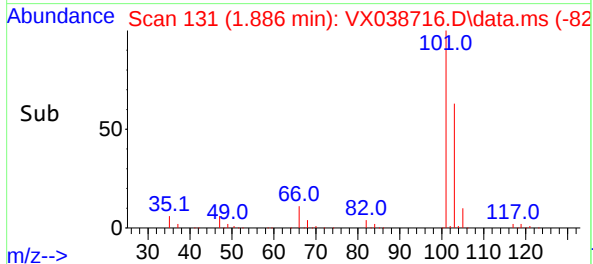
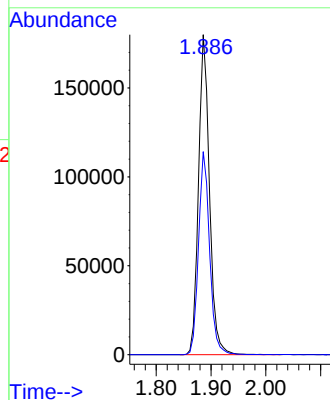
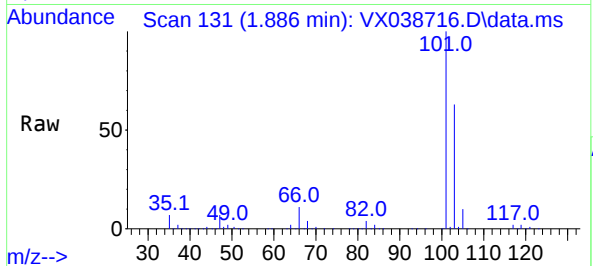




#7  
Trichlorofluoromethane  
Concen: 51.638 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

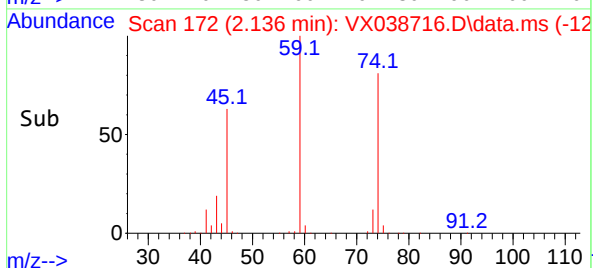
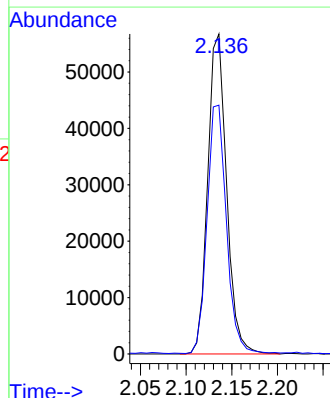
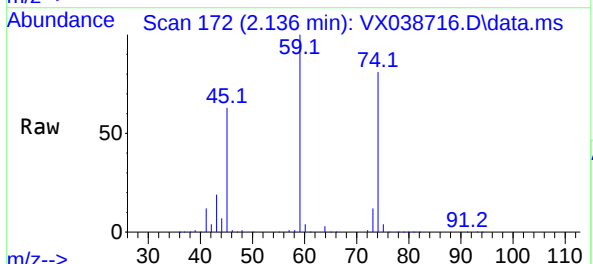
Instrument :  
MSVOA\_X  
ClientSampleId :

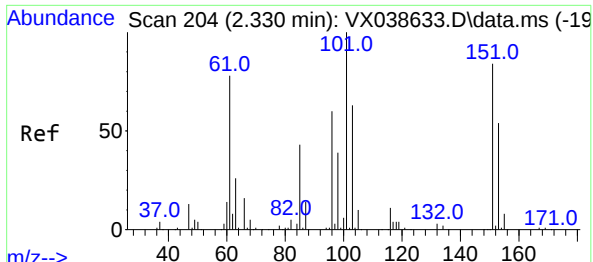
Tgt Ion:101 Resp: 250834  
Ion Ratio Lower Upper  
101 100  
103 63.5 51.4 77.2



#8  
Diethyl Ether  
Concen: 48.813 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 74 Resp: 81396  
Ion Ratio Lower Upper  
74 100  
45 79.5 53.3 159.8

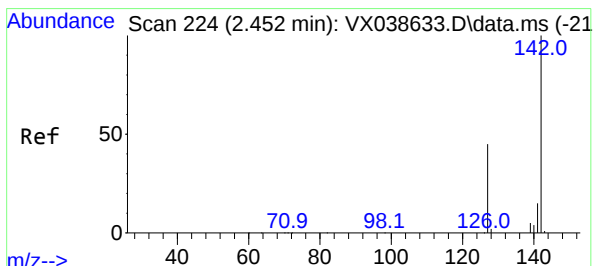
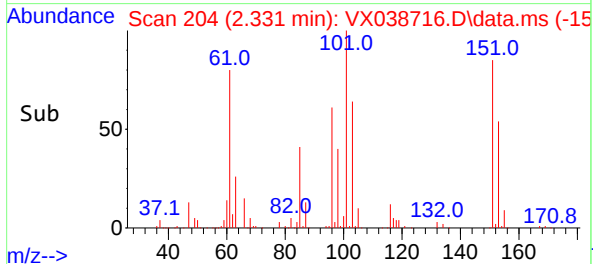
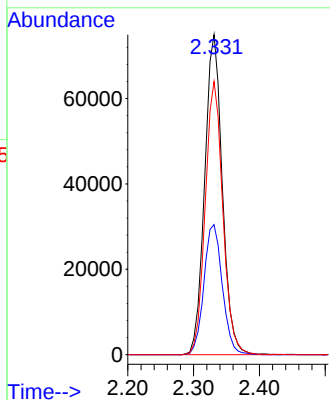
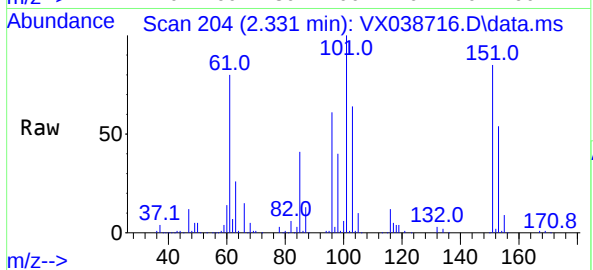




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.761 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

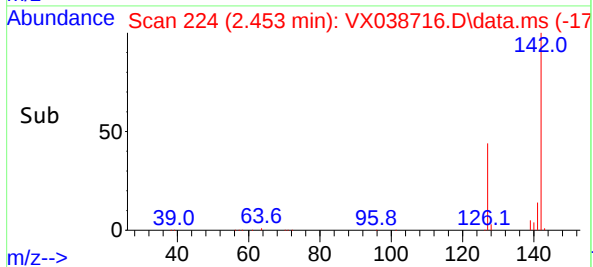
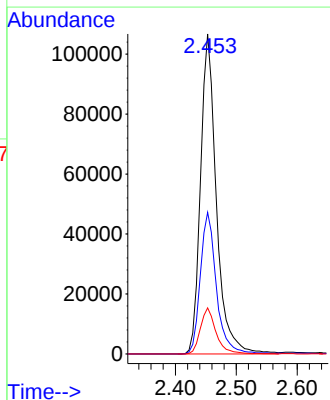
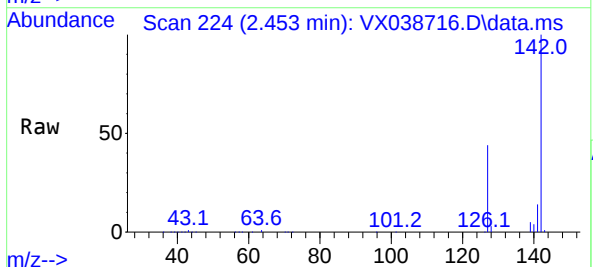
Instrument :  
MSVOA\_X  
ClientSampleId :

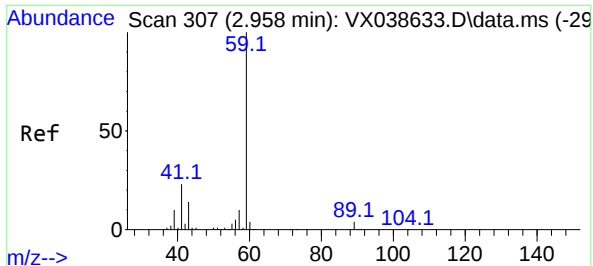
Tgt Ion:101 Resp: 140050  
Ion Ratio Lower Upper  
101 100  
85 42.4 37.0 55.6  
151 85.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 54.508 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:142 Resp: 193348  
Ion Ratio Lower Upper  
142 100  
127 44.8 41.6 62.4  
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 231.734 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

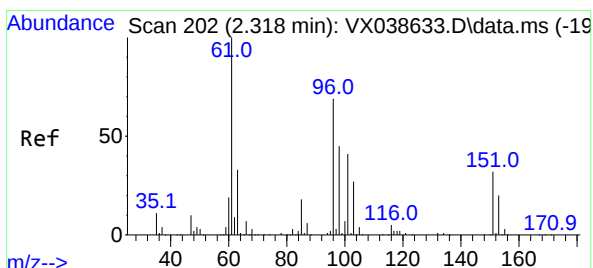
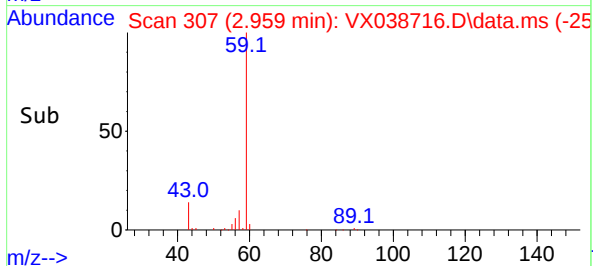
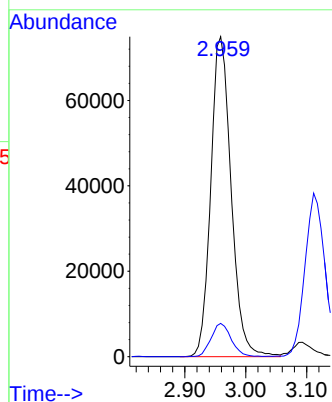
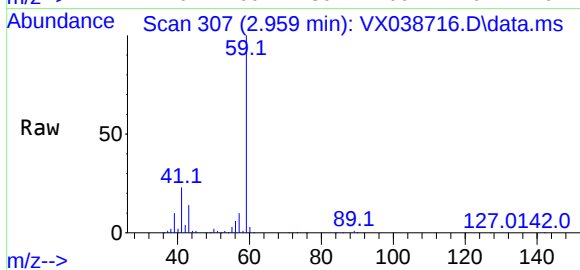
ClientSampleId :

Tgt Ion: 59 Resp: 173902

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 49.904 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

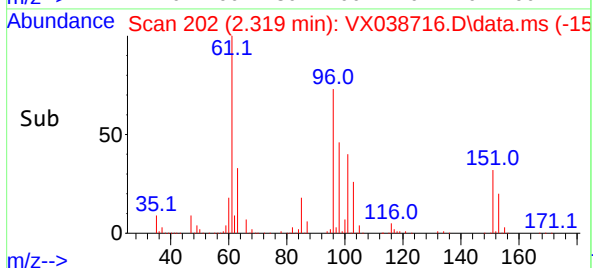
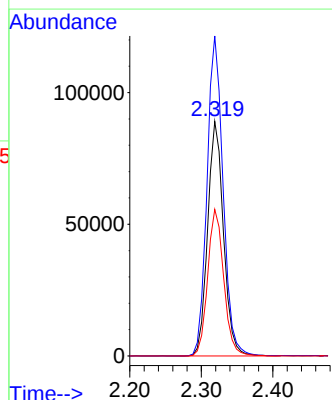
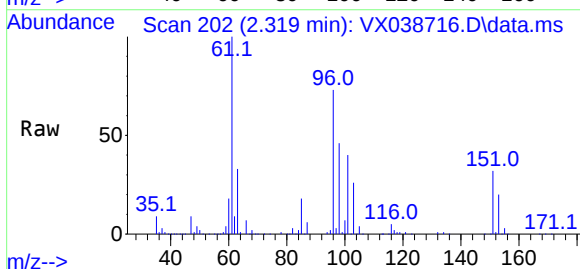
Tgt Ion: 96 Resp: 137327

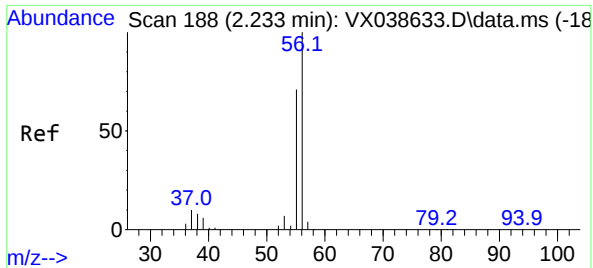
Ion Ratio Lower Upper

96 100

61 136.4 144.6 216.8#

98 62.5 50.4 75.6

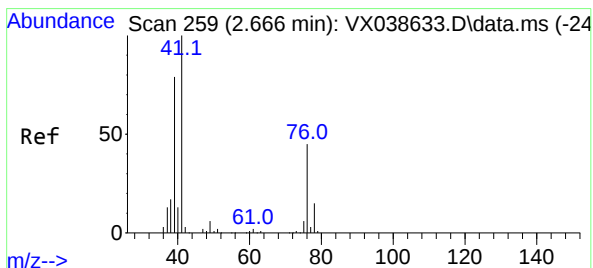
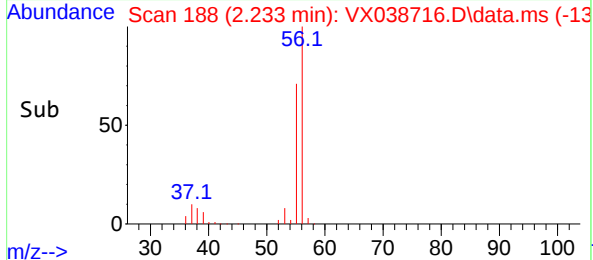
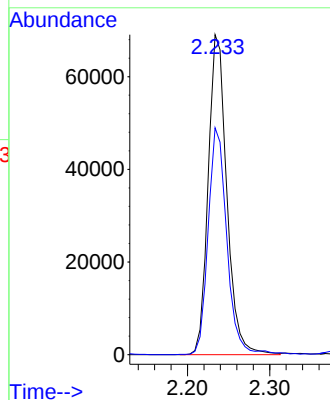
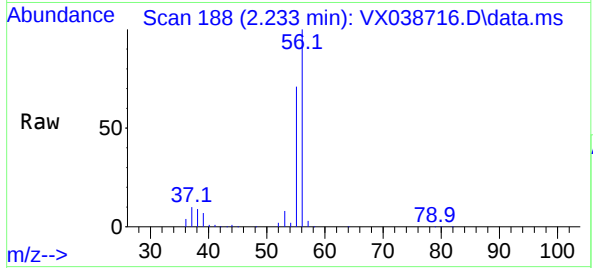




#13  
Acrolein  
Concen: 190.647 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

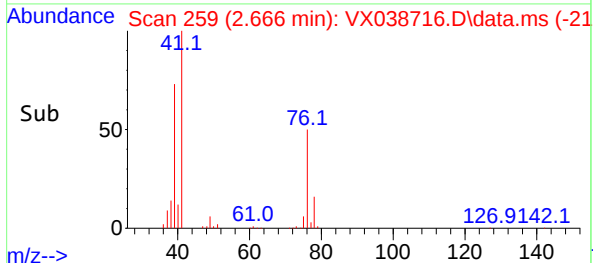
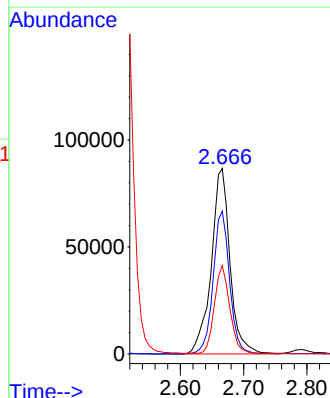
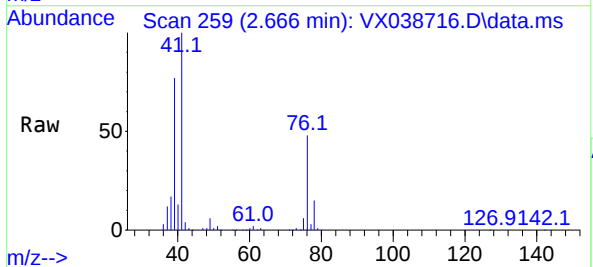
Instrument :  
MSVOA\_X  
ClientSampleId :

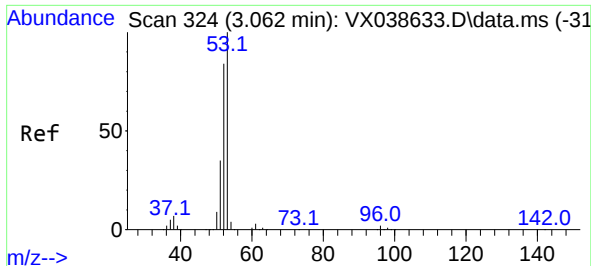
Tgt Ion: 56 Resp: 108435  
Ion Ratio Lower Upper  
56 100  
55 71.6 57.1 85.7



#14  
Allyl chloride  
Concen: 45.380 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 41 Resp: 178863  
Ion Ratio Lower Upper  
41 100  
39 67.4 55.8 83.6  
76 39.1 24.3 36.5#

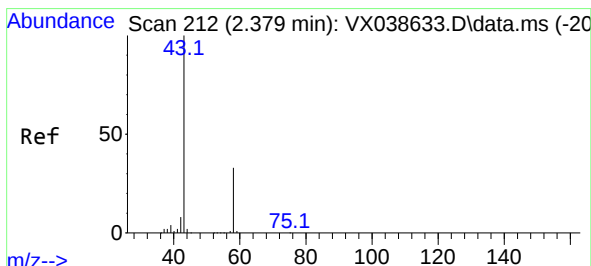
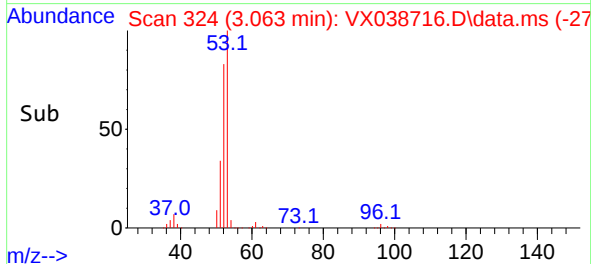
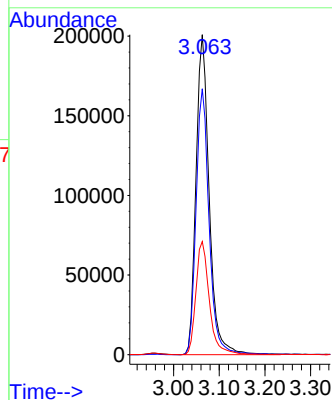
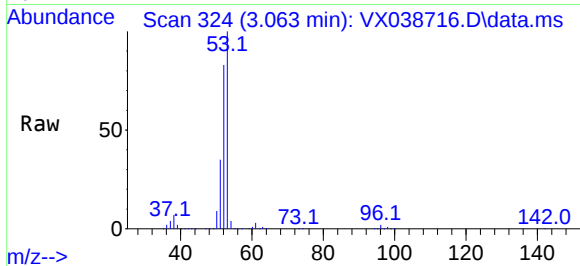




#15  
Acrylonitrile  
Concen: 254.425 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

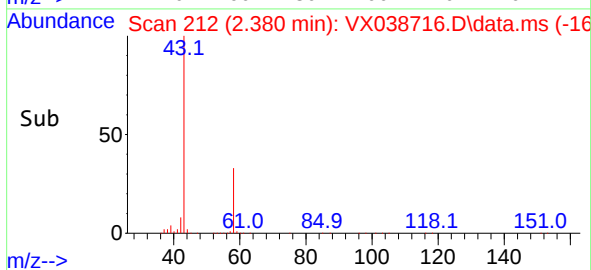
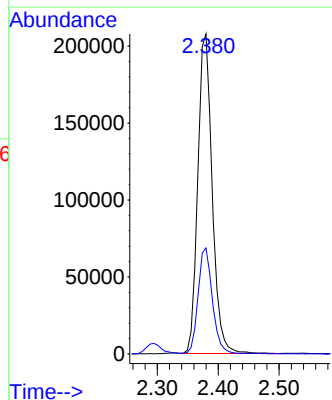
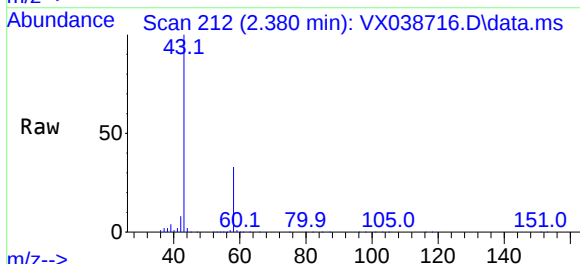
Instrument :  
MSVOA\_X  
ClientSampleId :

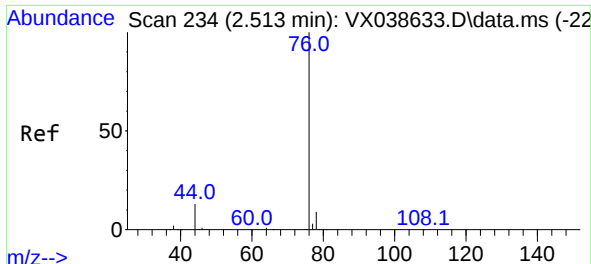
Tgt Ion: 53 Resp: 402942  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.0 99.0  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 220.271 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 43 Resp: 340543  
Ion Ratio Lower Upper  
43 100  
58 33.1 21.9 32.9#

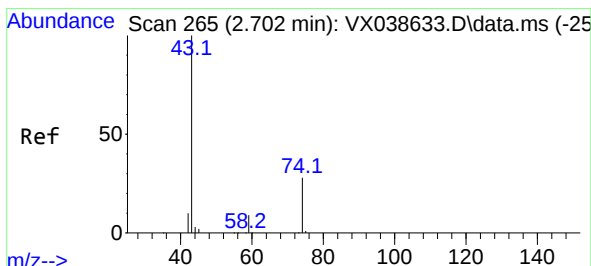
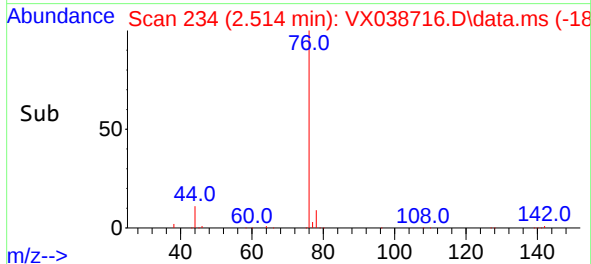
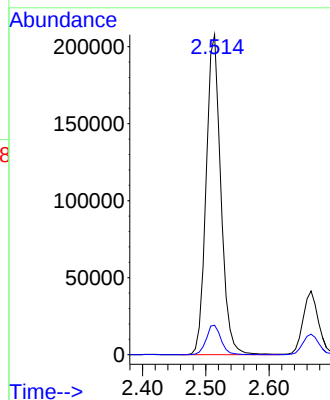
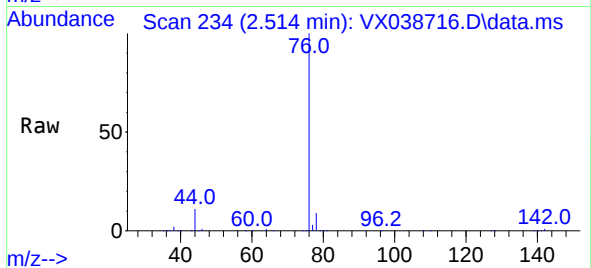




#17  
Carbon Disulfide  
Concen: 45.920 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

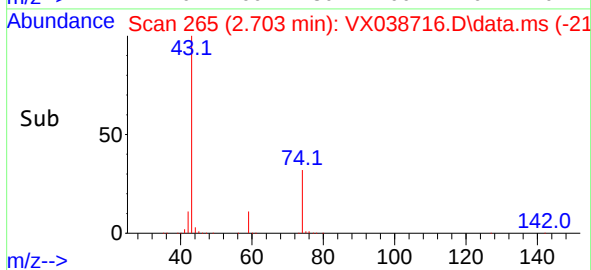
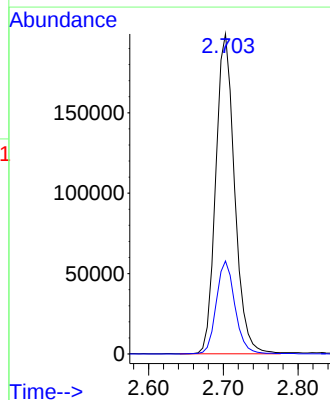
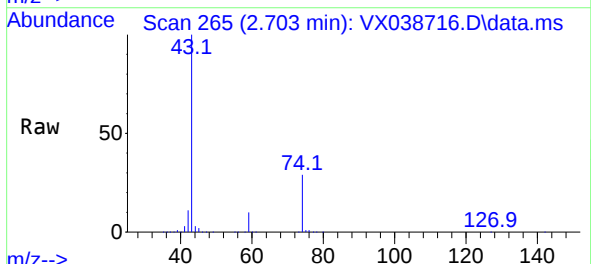
Instrument :  
MSVOA\_X  
ClientSampleId :

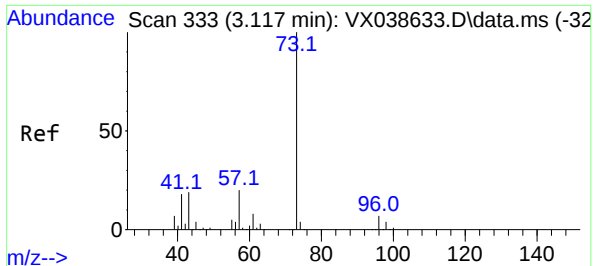
Tgt Ion: 76 Resp: 335761  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 52.863 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 43 Resp: 348186  
Ion Ratio Lower Upper  
43 100  
74 28.9 17.8 26.8#

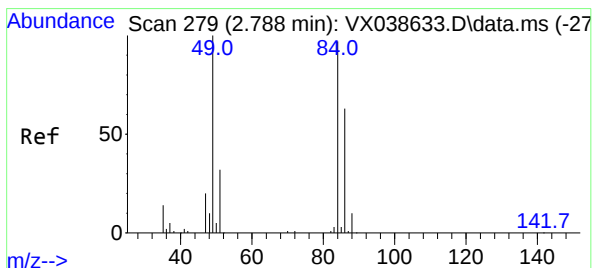
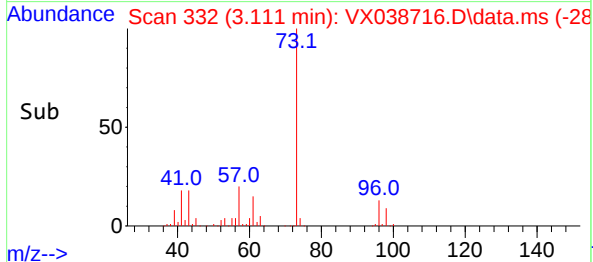
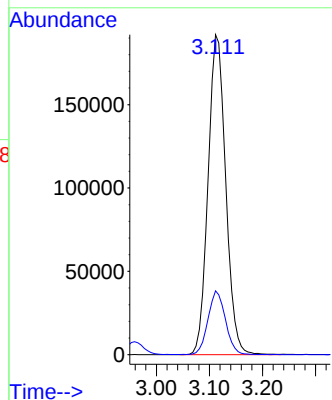
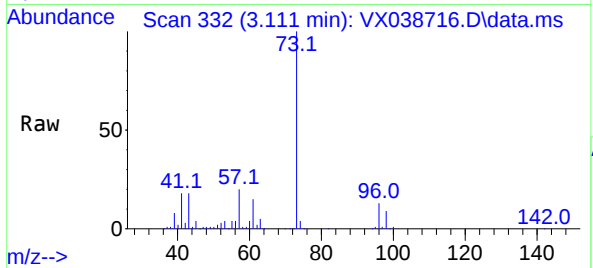




#19  
Methyl tert-butyl Ether  
Concen: 50.483 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

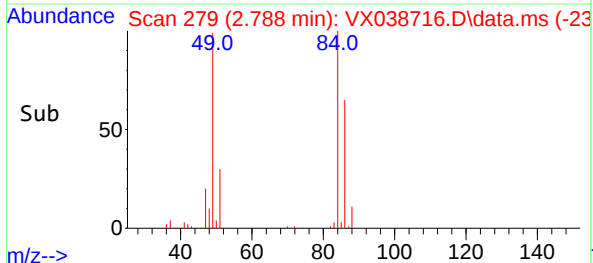
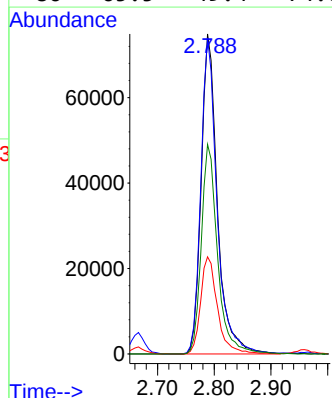
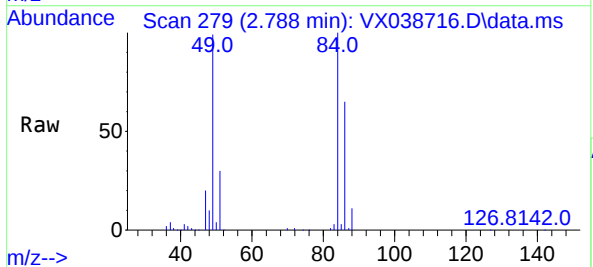
Instrument :  
MSVOA\_X  
ClientSampleId :

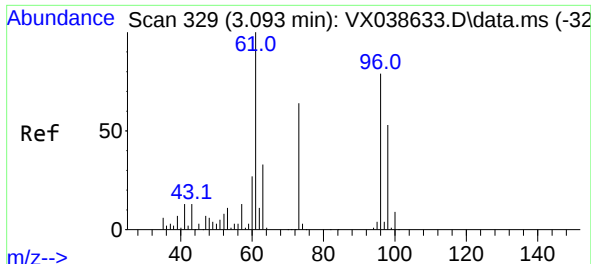
Tgt Ion: 73 Resp: 444245  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 47.721 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 84 Resp: 148725  
Ion Ratio Lower Upper  
84 100  
49 98.8 103.6 155.4#  
51 30.3 33.8 50.6#  
86 65.5 49.4 74.0

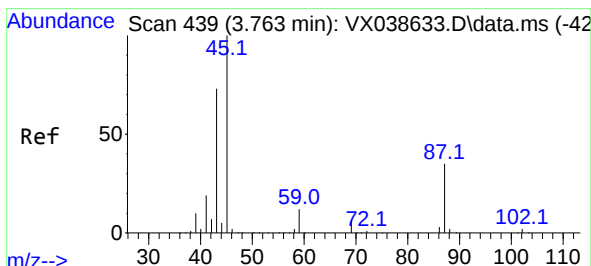
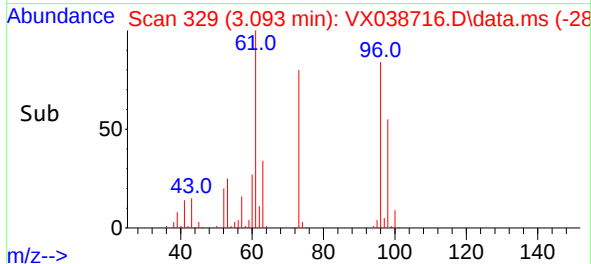
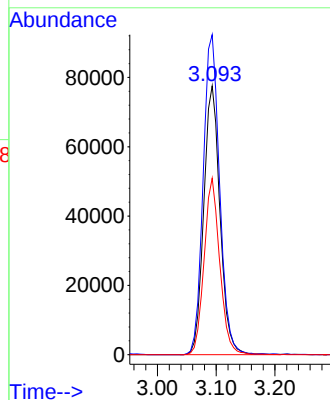
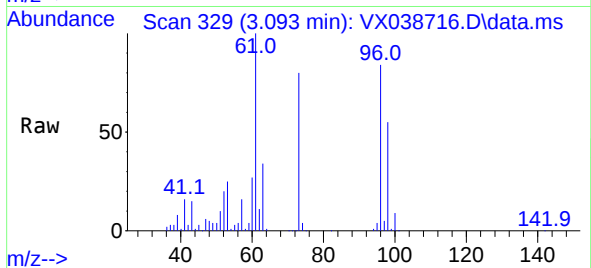




#21  
trans-1,2-Dichloroethene  
Concen: 49.715 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

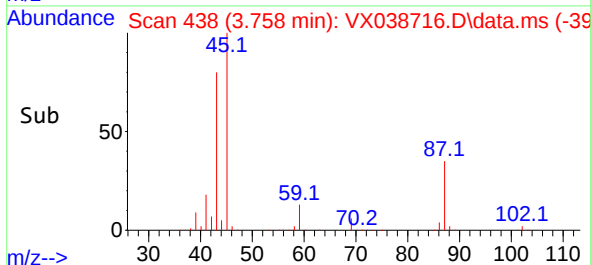
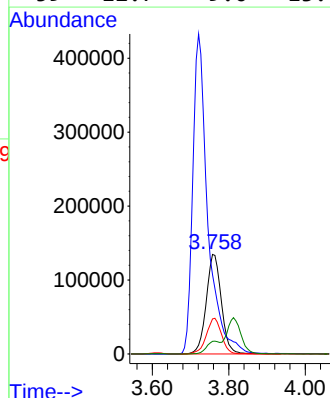
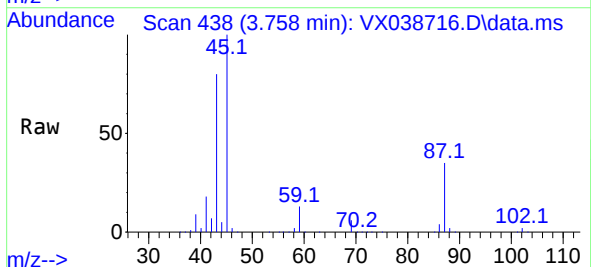
Instrument :  
MSVOA\_X  
ClientSampleId :

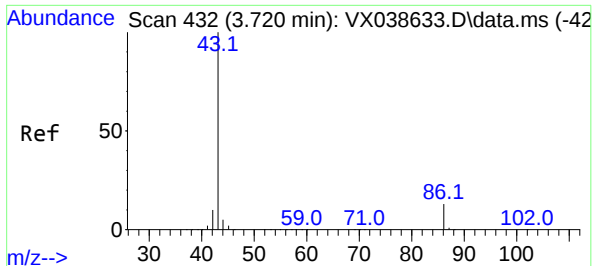
Tgt Ion: 96 Resp: 148939  
Ion Ratio Lower Upper  
96 100  
61 119.0 119.2 178.8#  
98 65.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 49.733 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 45 Resp: 369446  
Ion Ratio Lower Upper  
45 100  
43 79.6 69.7 104.5  
87 35.3 20.8 31.2#  
59 12.7 9.0 13.4

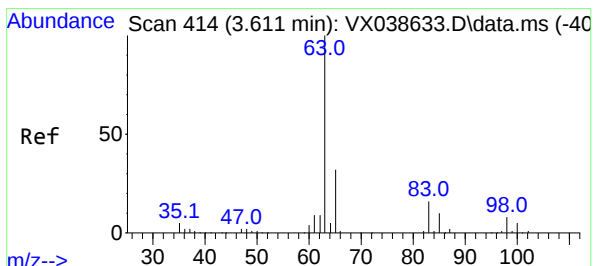
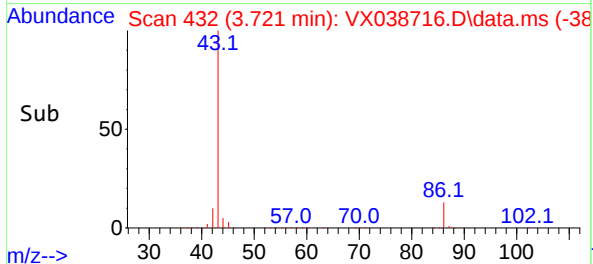
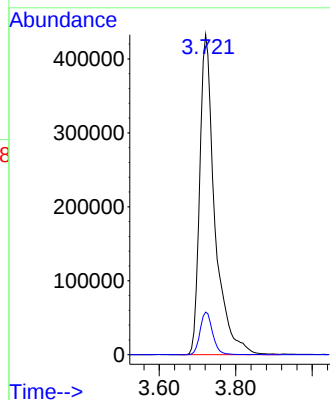
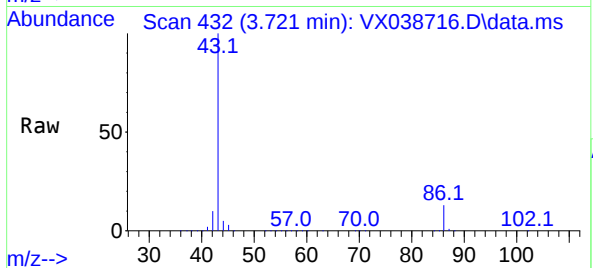




#23  
Vinyl Acetate  
Concen: 224.955 ug/l  
RT: 3.721 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

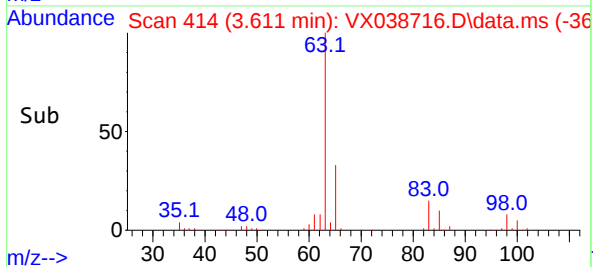
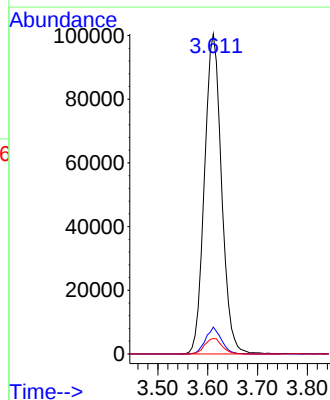
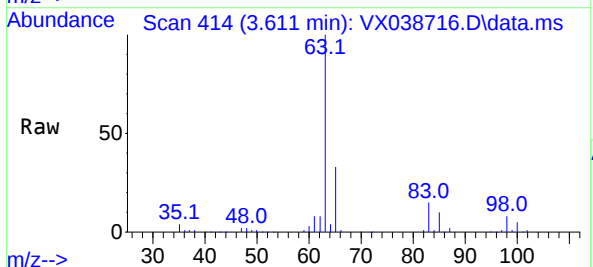
Instrument :  
MSVOA\_X  
ClientSampleId :

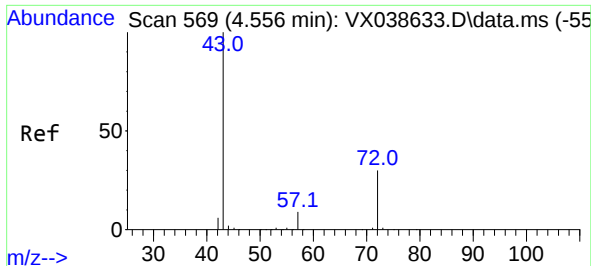
Tgt Ion: 43 Resp: 1186112  
Ion Ratio Lower Upper  
43 100  
86 13.3 7.8 11.8#



#24  
1,1-Dichloroethane  
Concen: 48.683 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 63 Resp: 239266  
Ion Ratio Lower Upper  
63 100  
98 8.4 3.3 9.8  
100 4.8 2.1 6.5





#25

2-Butanone

Concen: 241.433 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

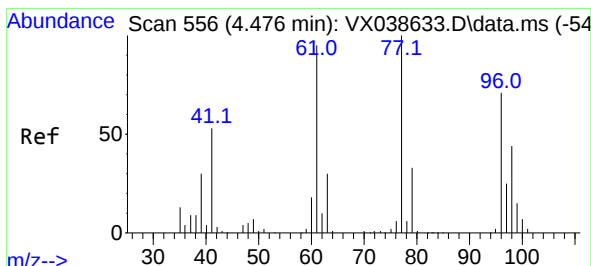
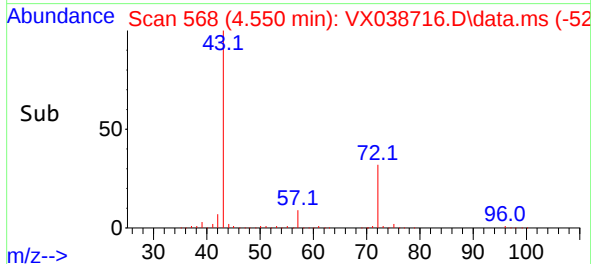
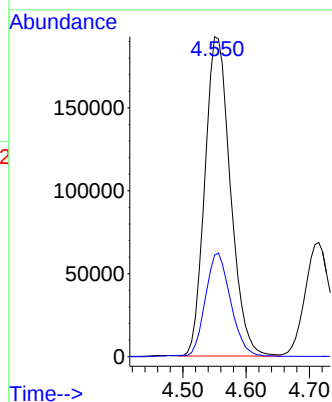
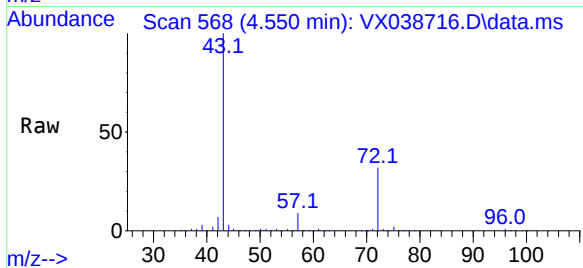
ClientSampleId :

Tgt Ion: 43 Resp: 540713

Ion Ratio Lower Upper

43 100

72 31.7 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 32.247 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038716.D

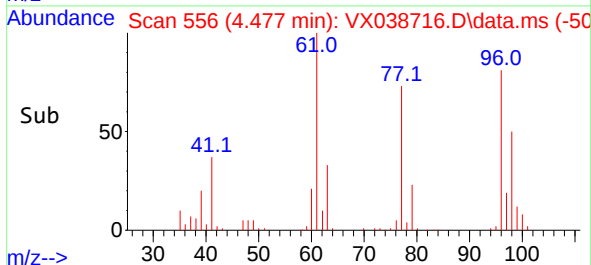
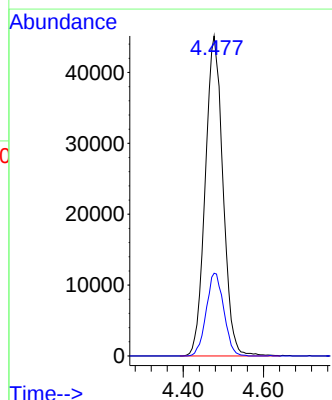
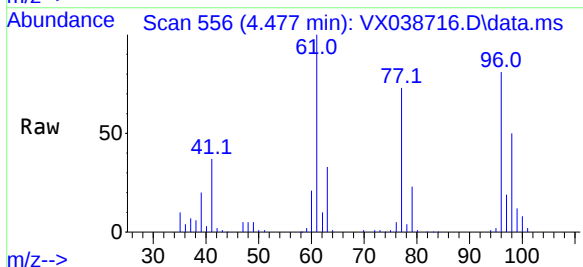
Acq: 10 Nov 2023 09:39

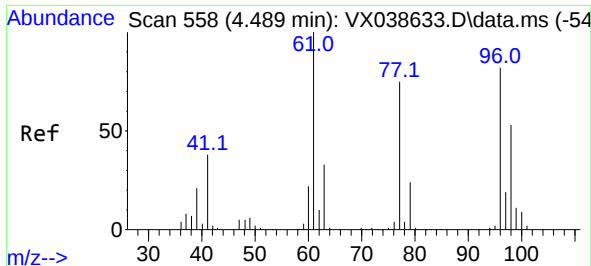
Tgt Ion: 77 Resp: 138379

Ion Ratio Lower Upper

77 100

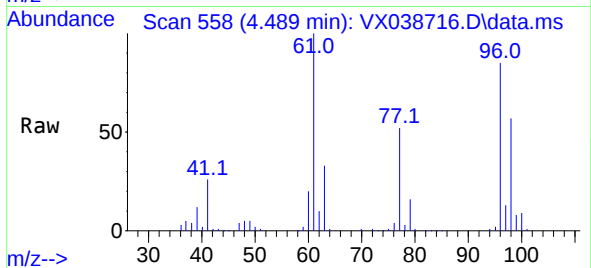
97 25.7 10.8 32.3



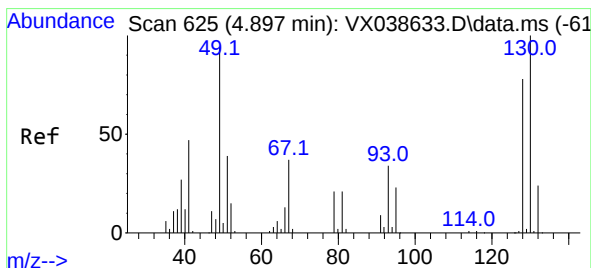
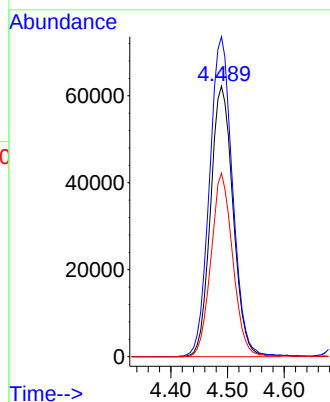
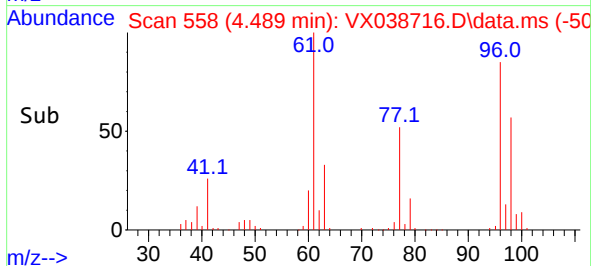


#27  
cis-1,2-Dichloroethene  
Concen: 49.628 ug/l  
RT: 4.489 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

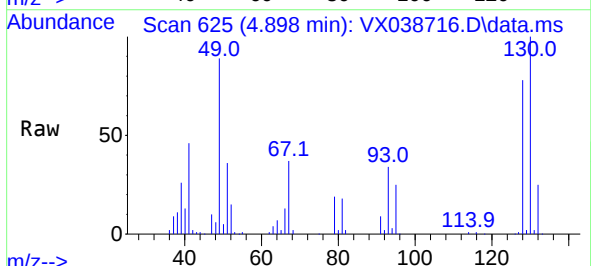
Instrument :  
MSVOA\_X  
ClientSampleId :



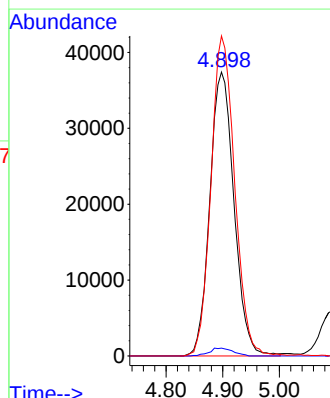
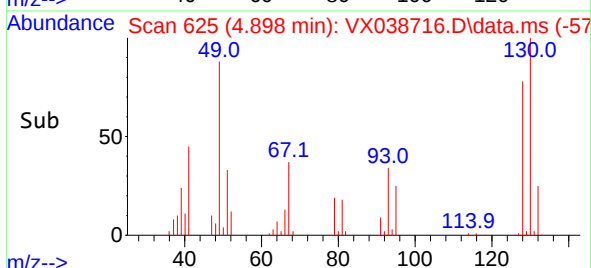
Tgt Ion: 96 Resp: 171686  
Ion Ratio Lower Upper  
96 100  
61 121.3 0.0 312.2  
98 65.2 0.0 129.0

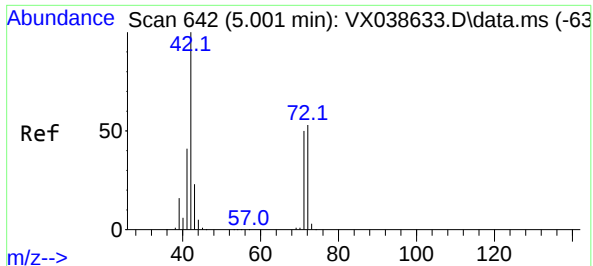


#28  
Bromochloromethane  
Concen: 50.247 ug/l  
RT: 4.898 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39



Tgt Ion: 49 Resp: 110980  
Ion Ratio Lower Upper  
49 100  
129 2.7 0.0 3.8  
130 110.4 57.5 86.3#

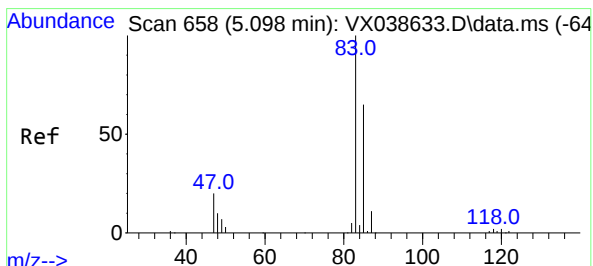
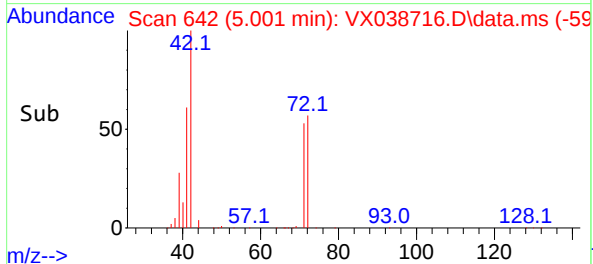
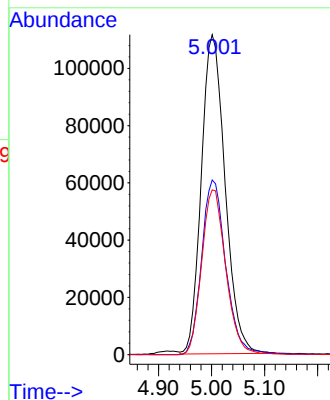
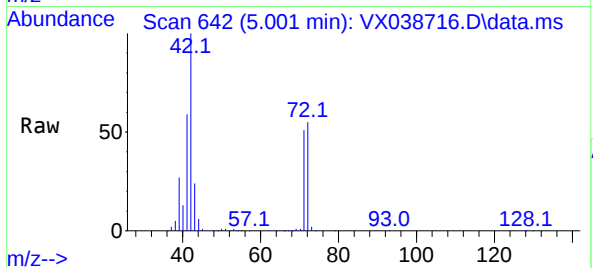




#29  
Tetrahydrofuran  
Concen: 249.183 ug/l  
RT: 5.001 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

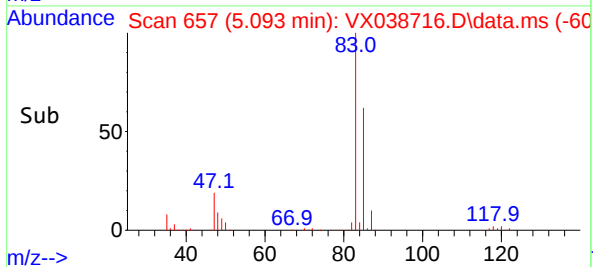
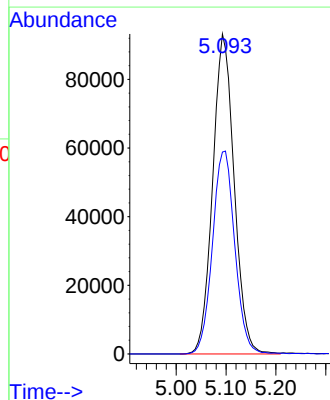
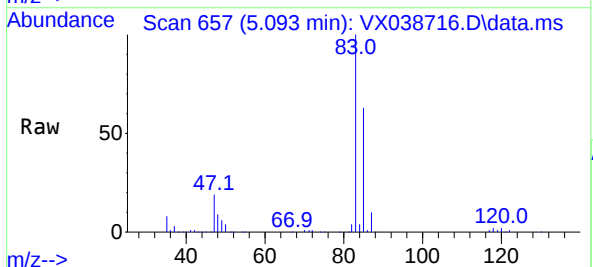
Instrument :  
MSVOA\_X  
ClientSampleId :

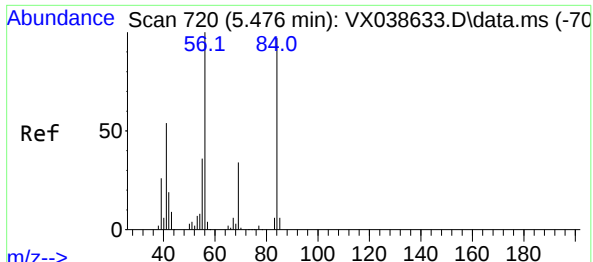
Tgt Ion: 42 Resp: 347215  
Ion Ratio Lower Upper  
42 100  
72 55.8 34.2 51.4#  
71 52.4 32.2 48.2#



#30  
Chloroform  
Concen: 48.360 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

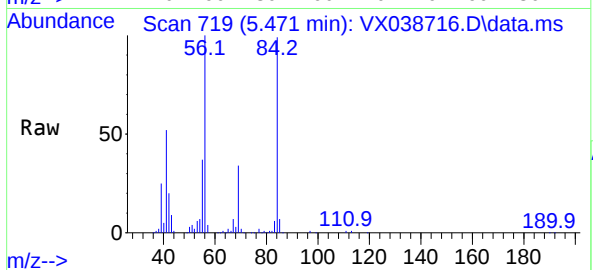
Tgt Ion: 83 Resp: 278870  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.3 75.5



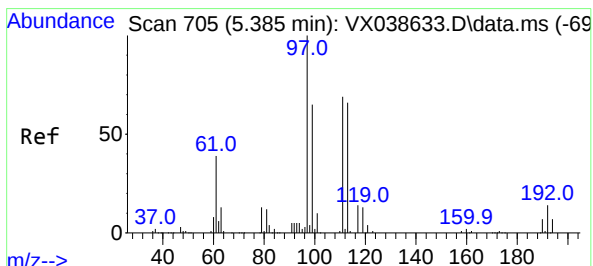
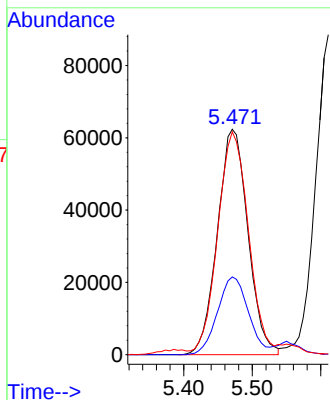
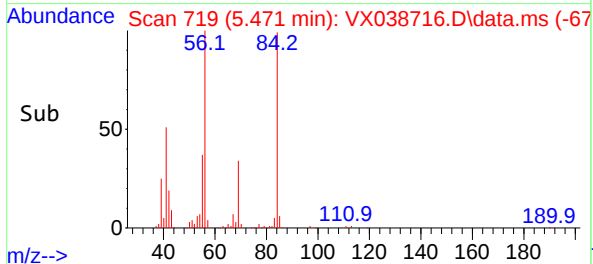


#31  
Cyclohexane  
Concen: 47.542 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

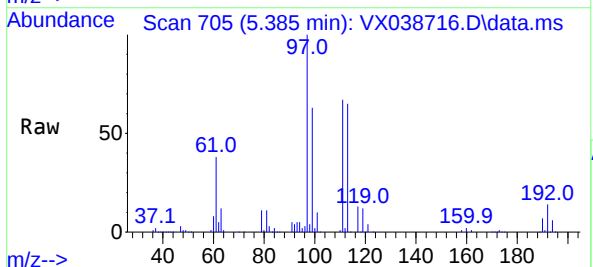
Instrument :  
MSVOA\_X  
ClientSampleId :



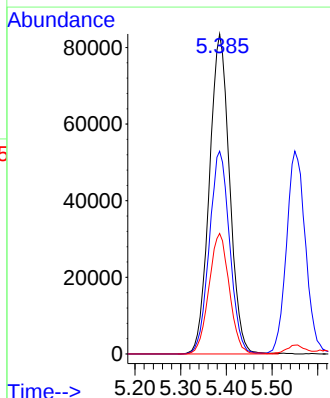
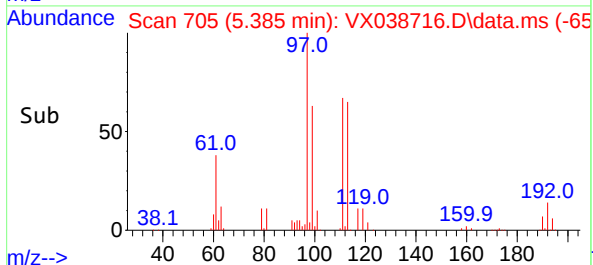
Tgt Ion: 56 Resp: 193153  
Ion Ratio Lower Upper  
56 100  
69 34.5 23.4 35.2  
84 97.0 65.9 98.9

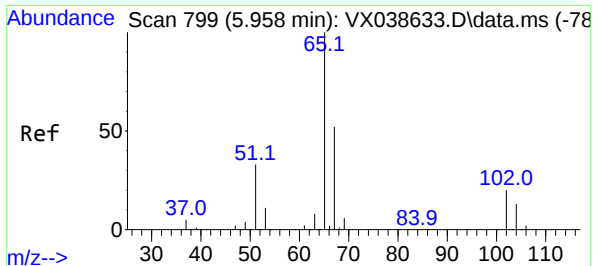


#32  
1,1,1-Trichloroethane  
Concen: 50.431 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39



Tgt Ion: 97 Resp: 255927  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.1 76.7  
61 38.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.863 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

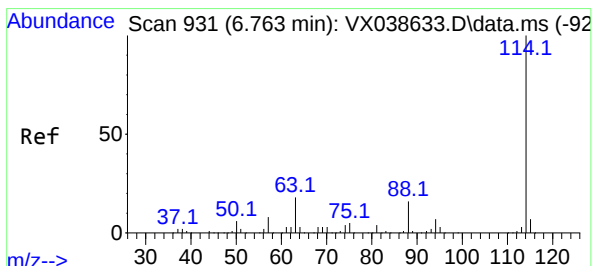
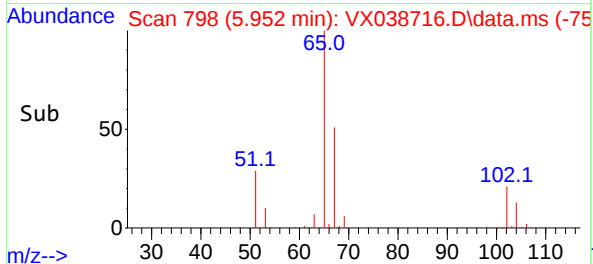
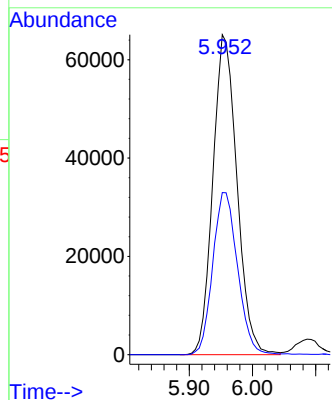
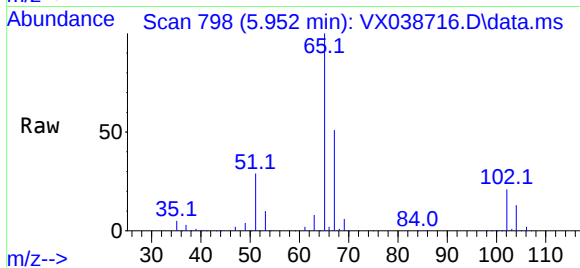
ClientSampleId :

Tgt Ion: 65 Resp: 172033

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

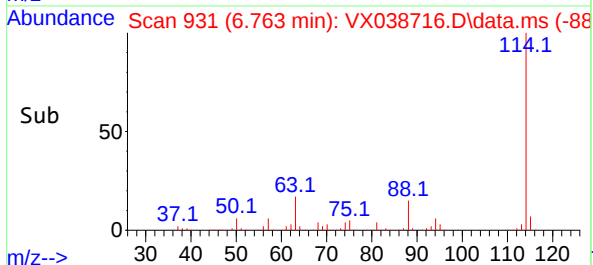
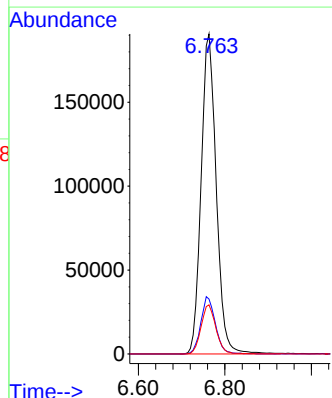
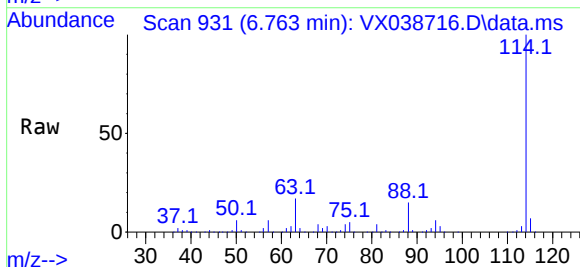
Tgt Ion:114 Resp: 461041

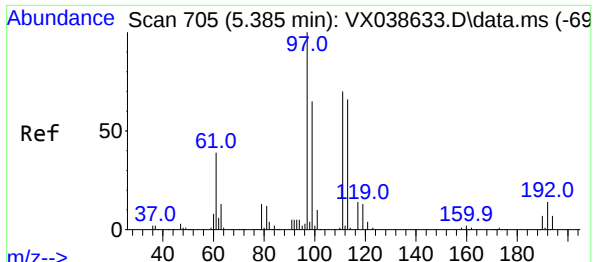
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 15.3 0.0 36.6

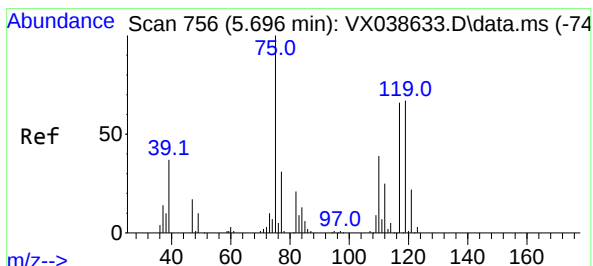
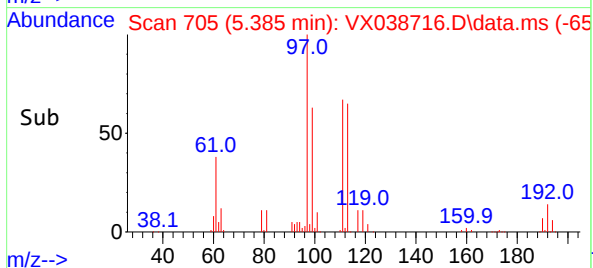
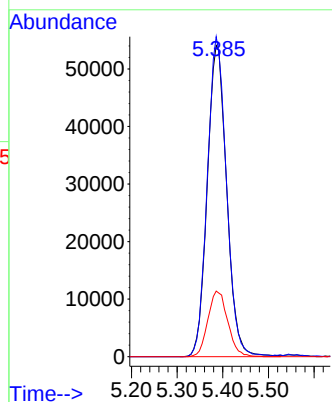
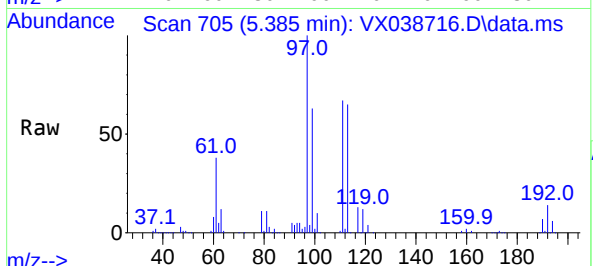




#35  
Dibromofluoromethane  
Concen: 48.117 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

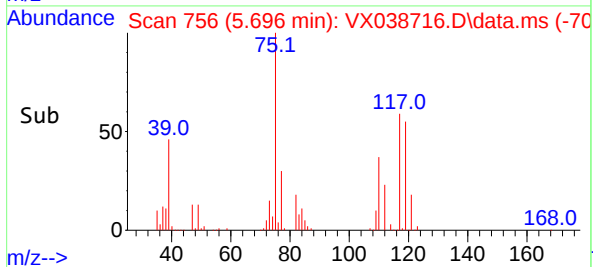
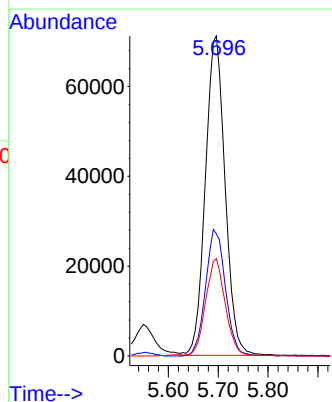
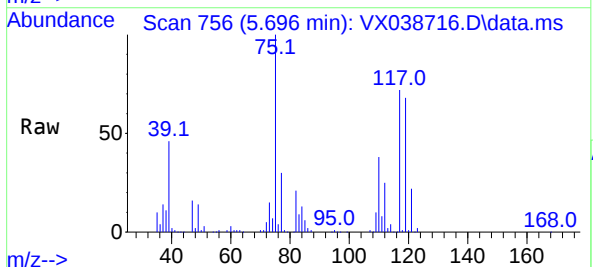
Instrument :  
MSVOA\_X  
ClientSampleId :

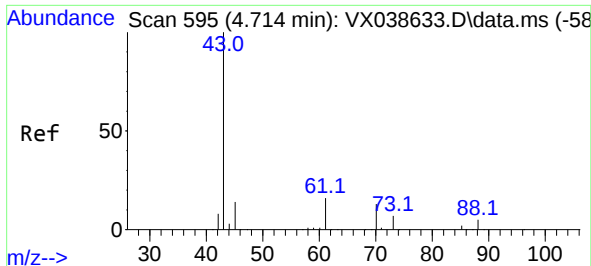
Tgt Ion:113 Resp: 159776  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.9 124.3  
192 21.5 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 47.346 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 75 Resp: 195290  
Ion Ratio Lower Upper  
75 100  
110 40.0 17.0 50.9  
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 47.494 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

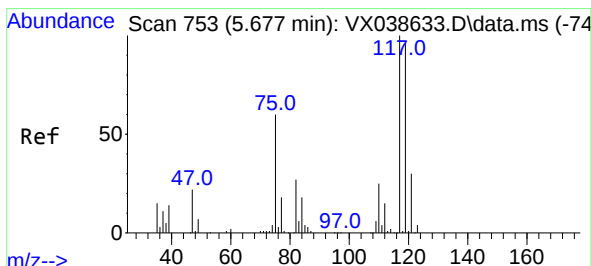
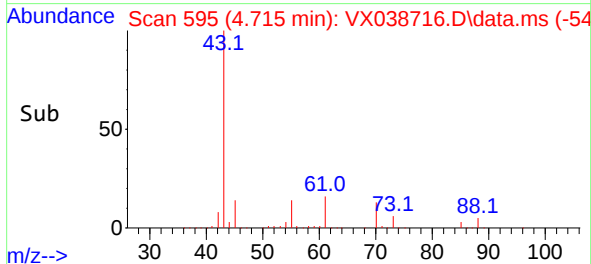
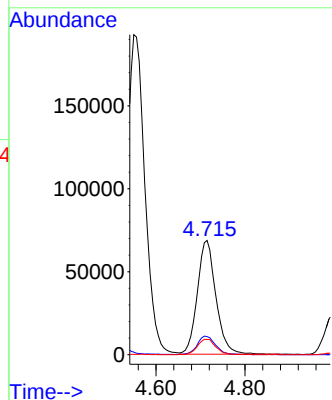
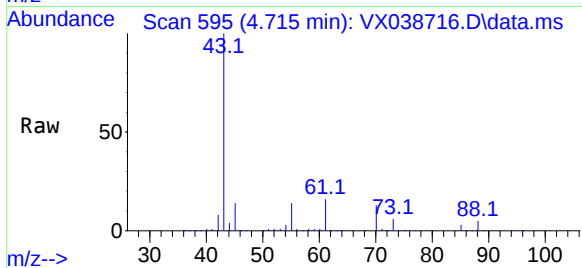
Tgt Ion: 43 Resp: 200012

Ion Ratio Lower Upper

43 100

61 16.0 10.6 16.0

70 13.5 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 50.060 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

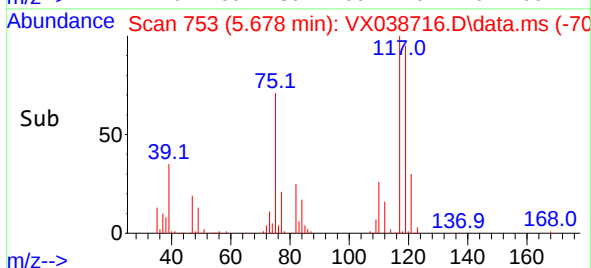
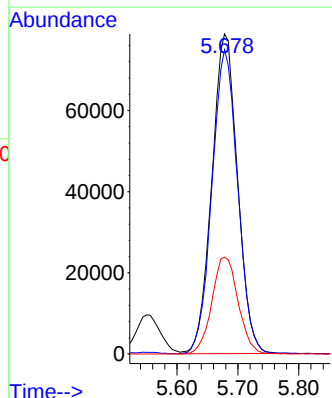
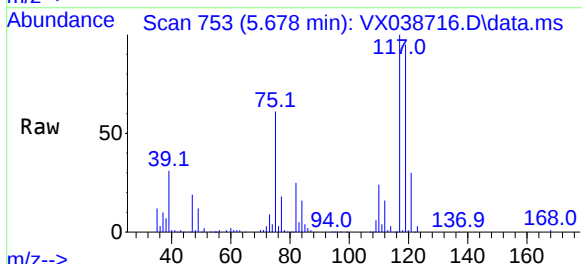
Tgt Ion:117 Resp: 230836

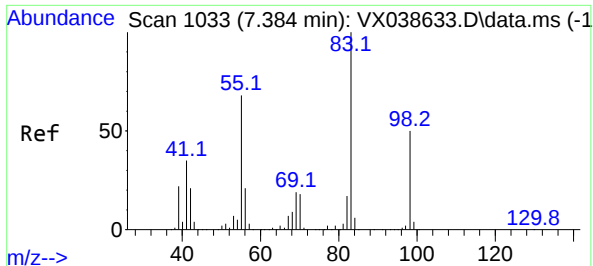
Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 45.850 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

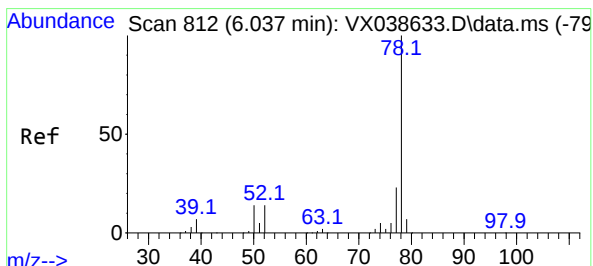
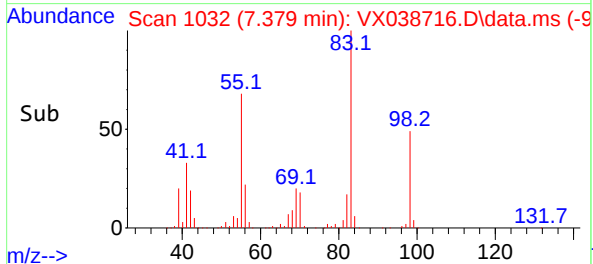
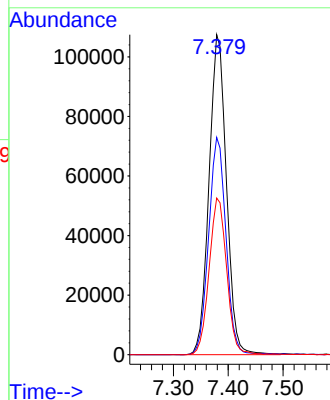
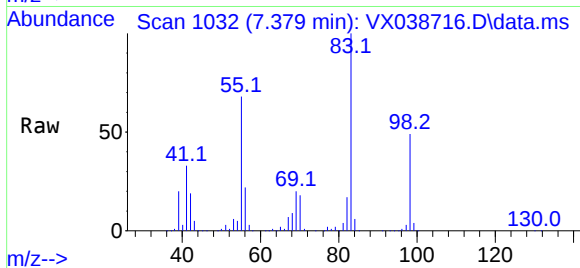
Tgt Ion: 83 Resp: 236452

Ion Ratio Lower Upper

83 100

55 67.9 64.6 97.0

98 49.0 36.7 55.1



#40

Benzene

Concen: 47.971 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038716.D

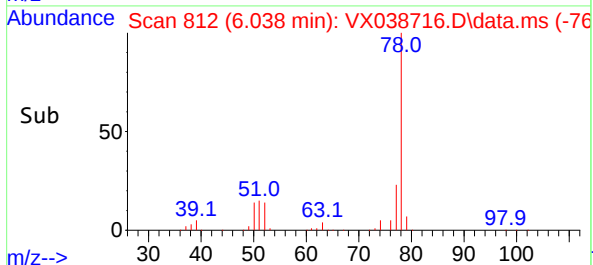
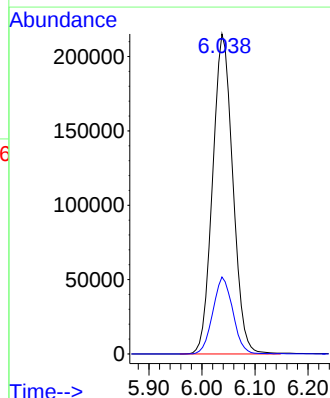
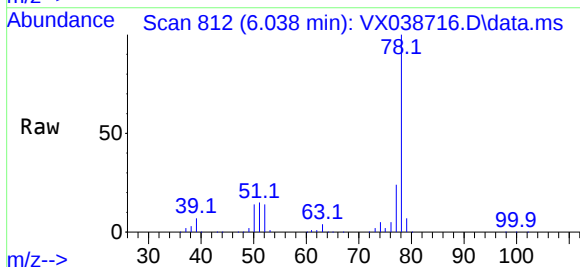
Acq: 10 Nov 2023 09:39

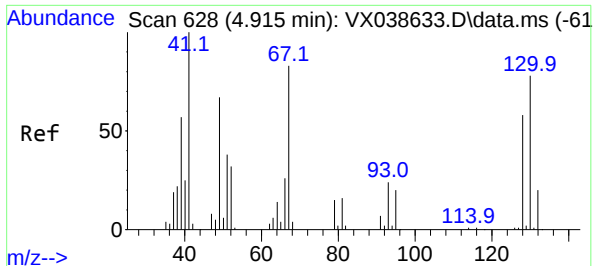
Tgt Ion: 78 Resp: 569923

Ion Ratio Lower Upper

78 100

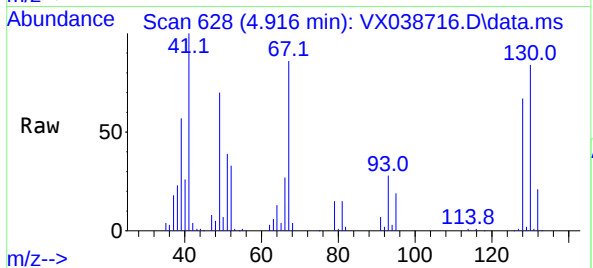
77 24.1 19.3 28.9



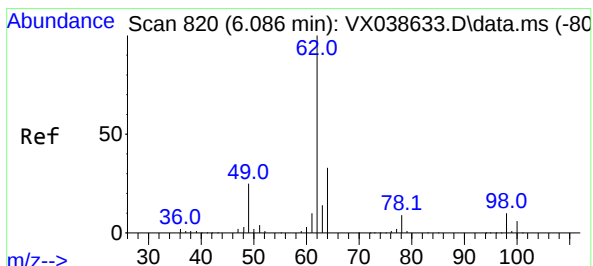
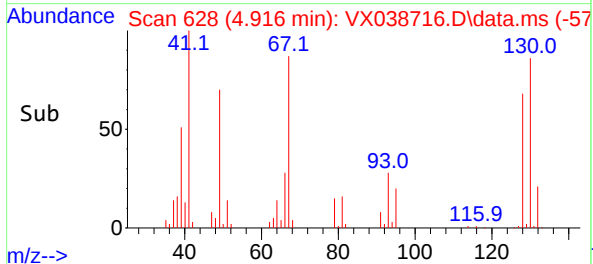
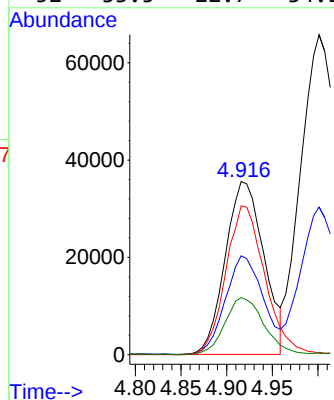


#41  
Methacrylonitrile  
Concen: 48.946 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :

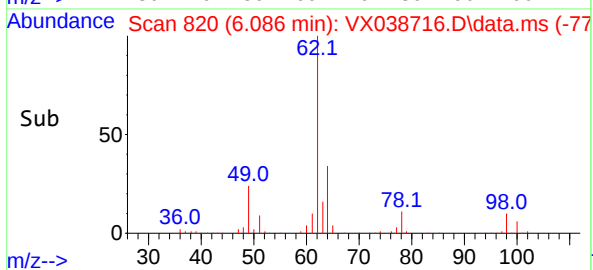
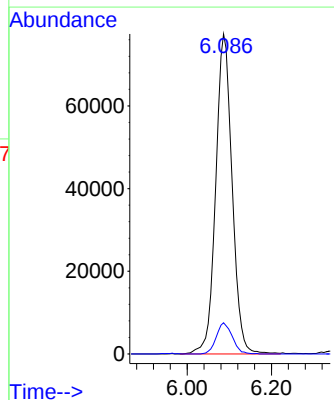
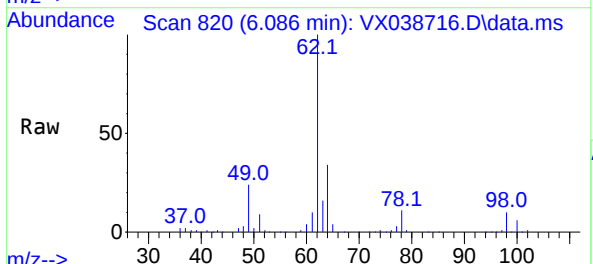


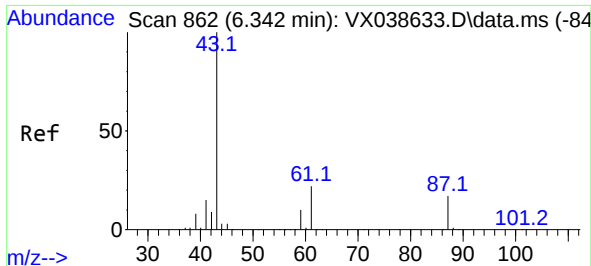
Tgt Ion: 41 Resp: 105014  
Ion Ratio Lower Upper  
41 100  
39 56.3 45.2 67.8  
67 87.4 52.6 78.8#  
52 33.5 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 48.710 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 62 Resp: 208806  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 16.0

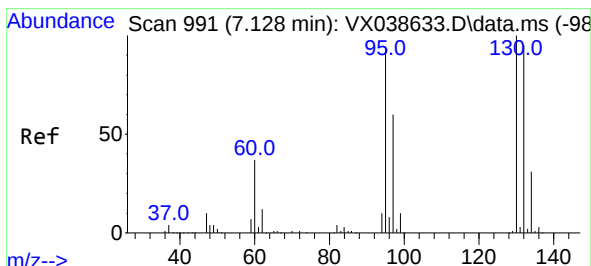
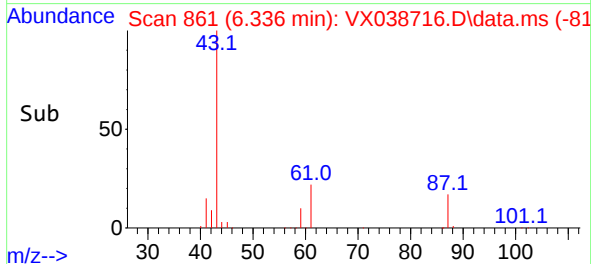
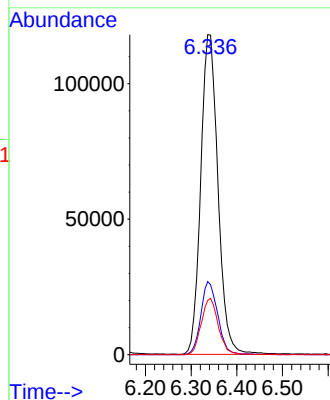
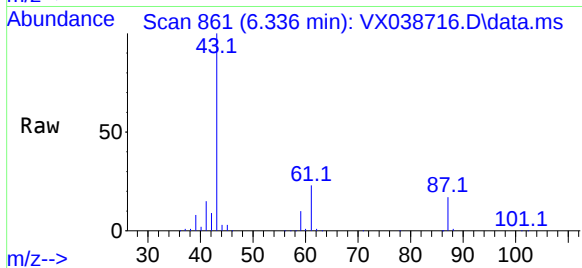




#43  
Isopropyl Acetate  
Concen: 47.659 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

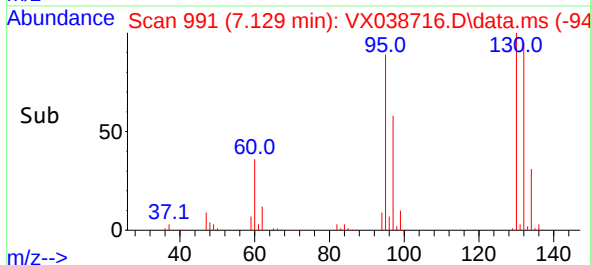
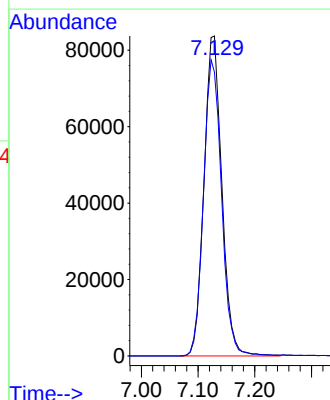
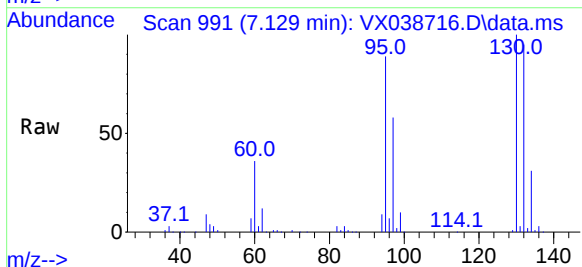
Instrument :  
MSVOA\_X  
ClientSampleId :

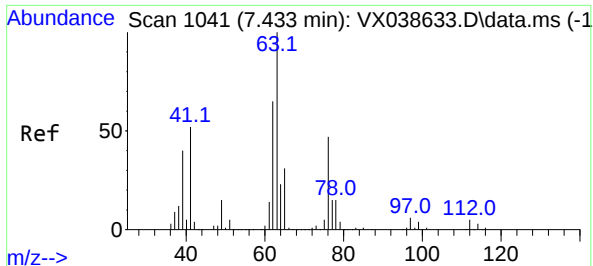
Tgt Ion: 43 Resp: 308564  
Ion Ratio Lower Upper  
43 100  
61 22.4 15.2 22.8  
87 17.4 9.8 14.6#



#44  
Trichloroethene  
Concen: 49.505 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:130 Resp: 182997  
Ion Ratio Lower Upper  
130 100  
95 88.7 0.0 204.4

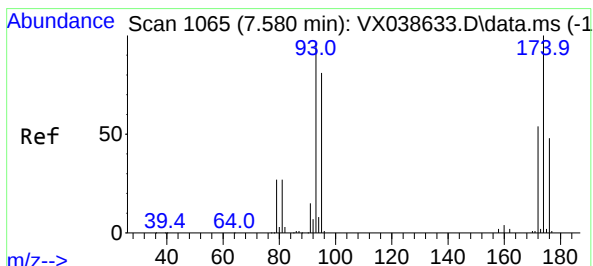
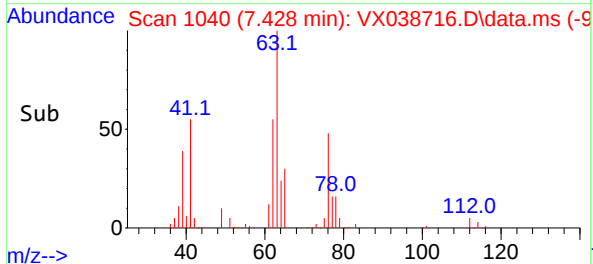
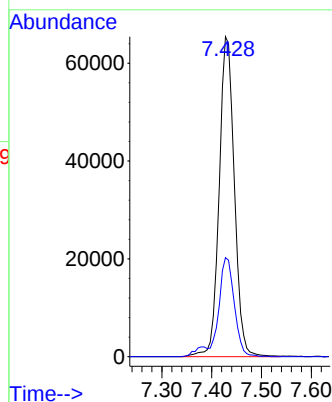
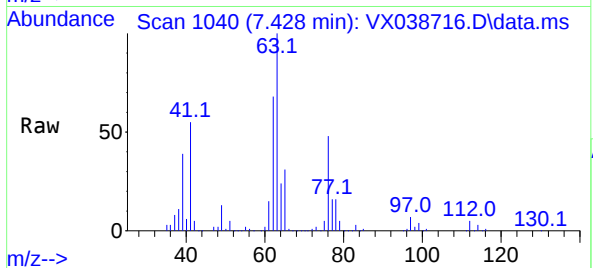




#45  
1,2-Dichloropropane  
Concen: 48.286 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

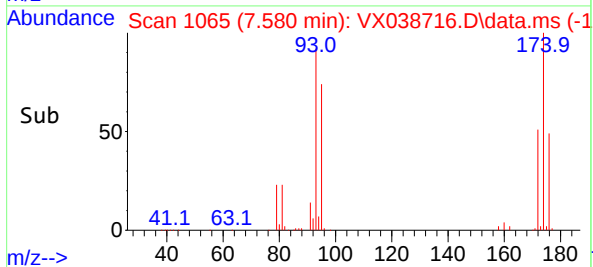
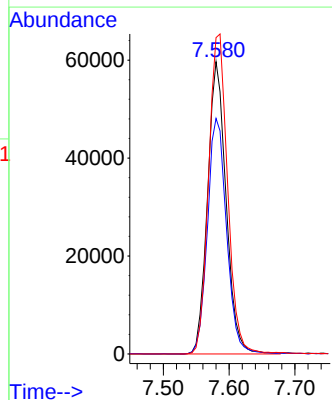
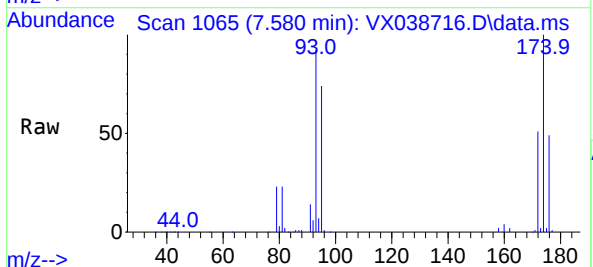
Instrument :  
MSVOA\_X  
ClientSampleId :

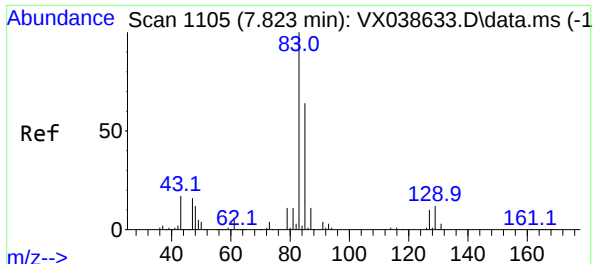
Tgt Ion: 63 Resp: 138677  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.3 36.5



#46  
Dibromomethane  
Concen: 48.709 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 93 Resp: 116990  
Ion Ratio Lower Upper  
93 100  
95 83.2 66.6 100.0  
174 112.8 69.4 104.0#





#47

Bromodichloromethane

Concen: 48.035 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

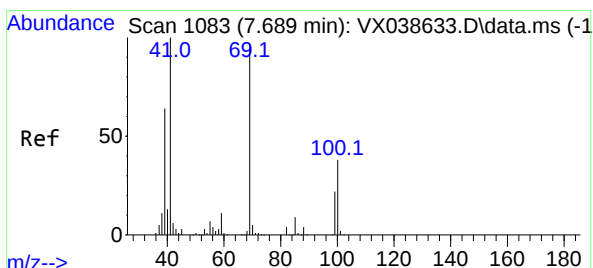
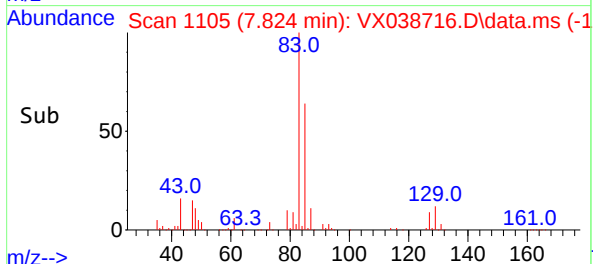
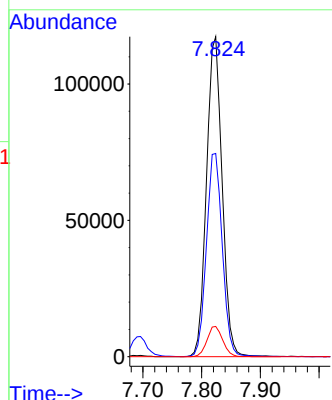
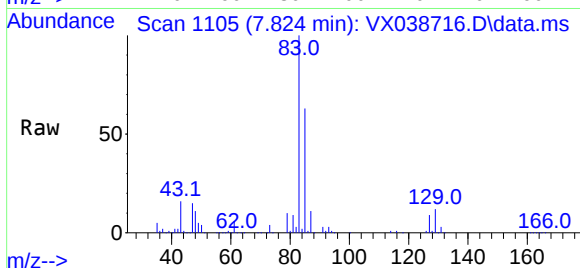
Tgt Ion: 83 Resp: 216975

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.6

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 48.944 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

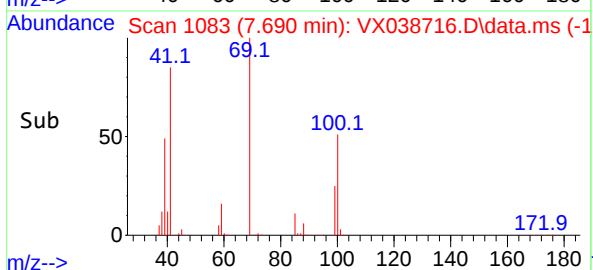
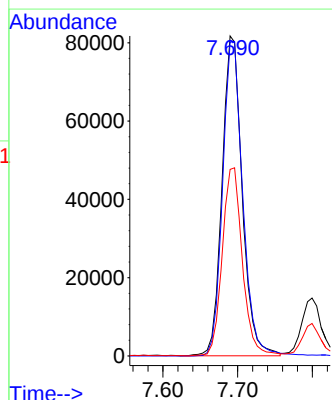
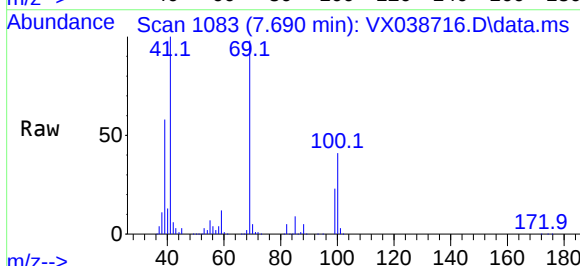
Tgt Ion: 41 Resp: 152713

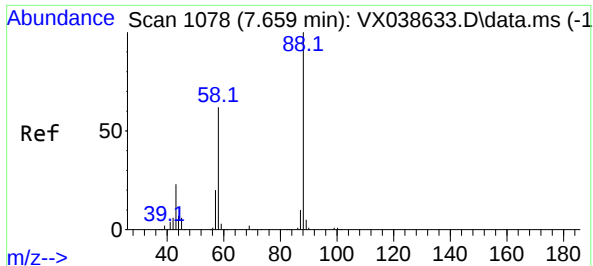
Ion Ratio Lower Upper

41 100

69 98.7 59.2 88.8

39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1016.566 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

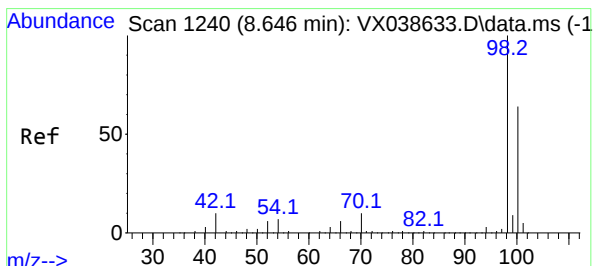
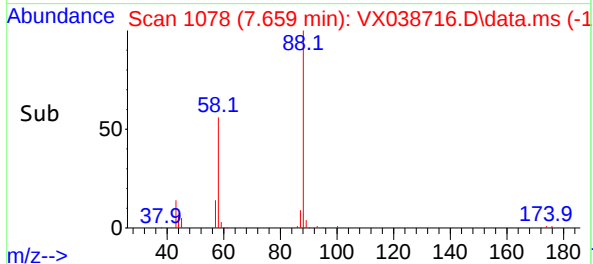
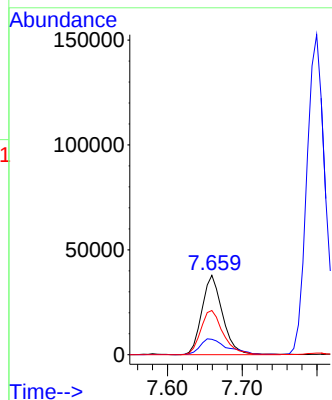
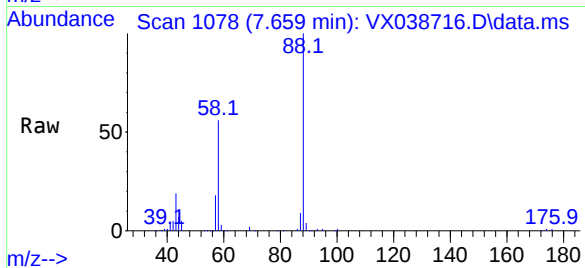
Tgt Ion: 88 Resp: 72208

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 60.8 60.1 90.1



#50

Toluene-d8

Concen: 46.950 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038716.D

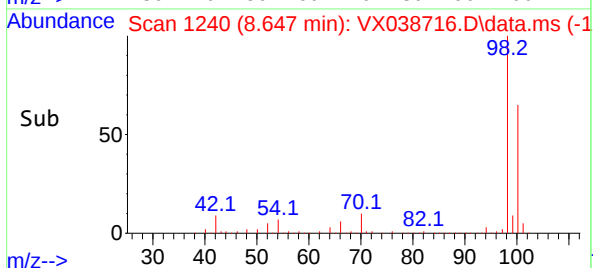
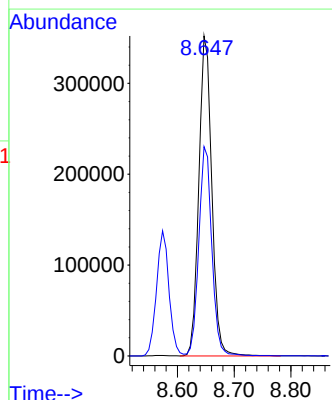
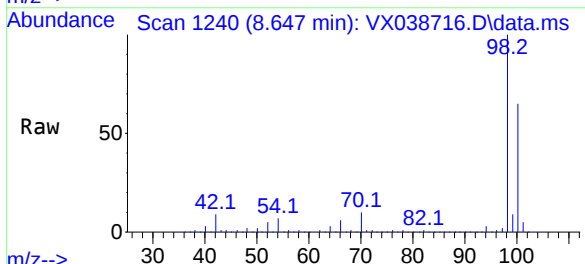
Acq: 10 Nov 2023 09:39

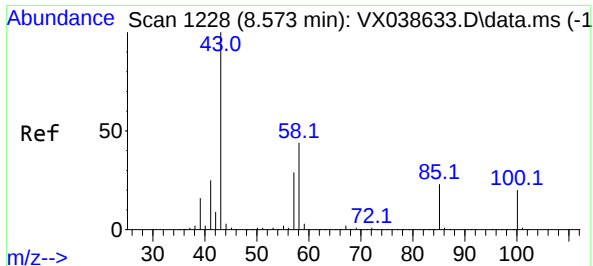
Tgt Ion: 98 Resp: 557871

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 246.688 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

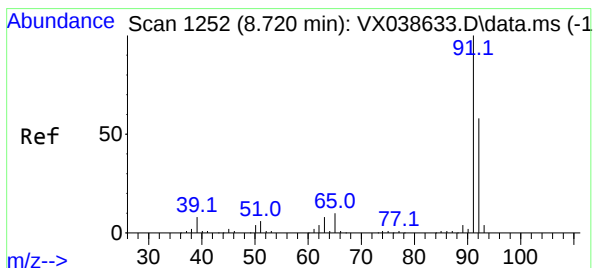
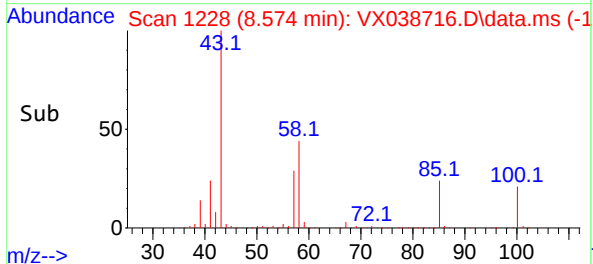
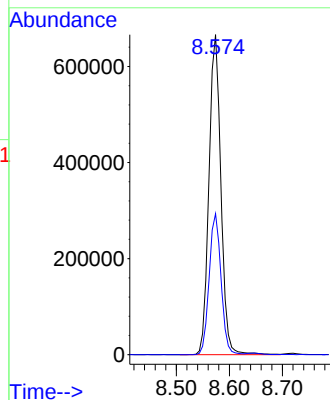
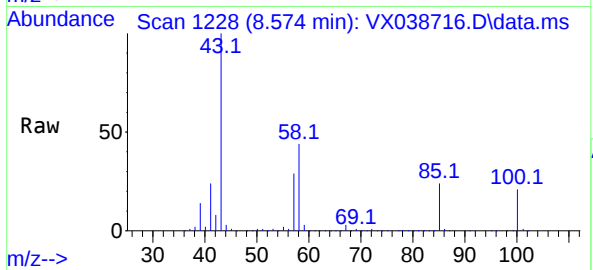
ClientSampleId :

Tgt Ion: 43 Resp: 1040609

Ion Ratio Lower Upper

43 100

58 43.8 30.4 45.6



#52

Toluene

Concen: 49.630 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038716.D

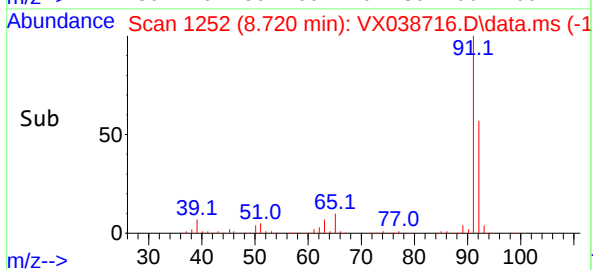
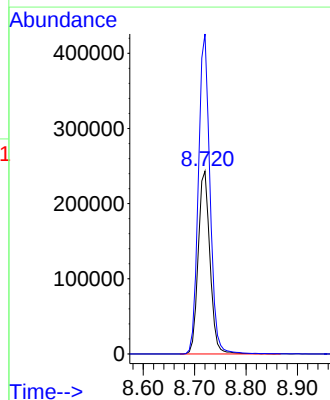
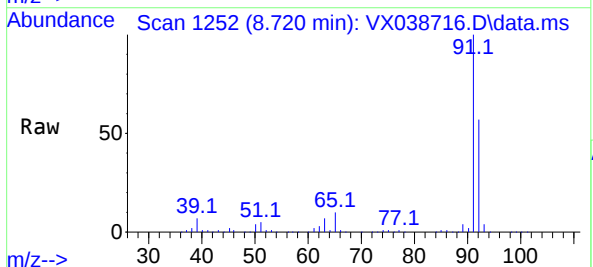
Acq: 10 Nov 2023 09:39

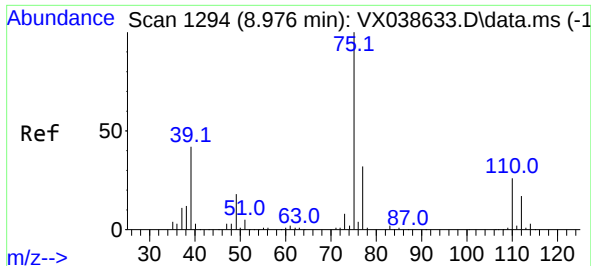
Tgt Ion: 92 Resp: 386258

Ion Ratio Lower Upper

92 100

91 173.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.674 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

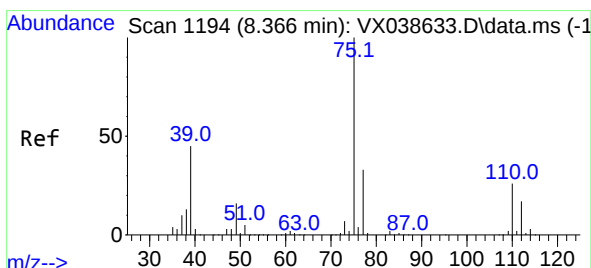
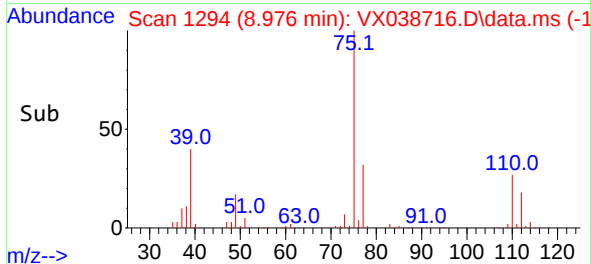
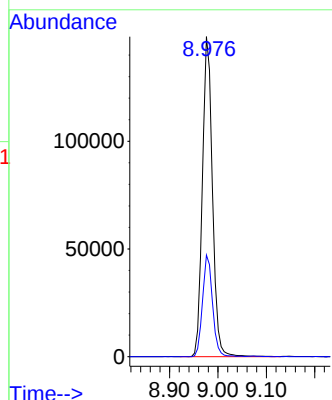
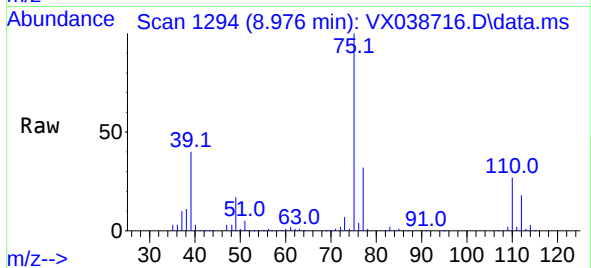
ClientSampleId :

Tgt Ion: 75 Resp: 214638

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 46.749 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

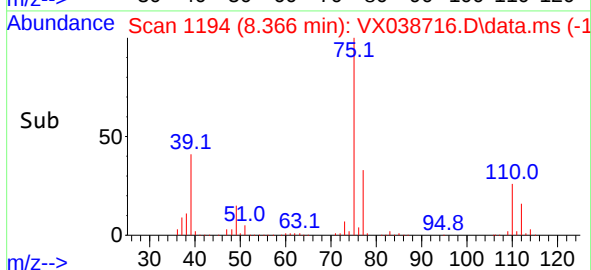
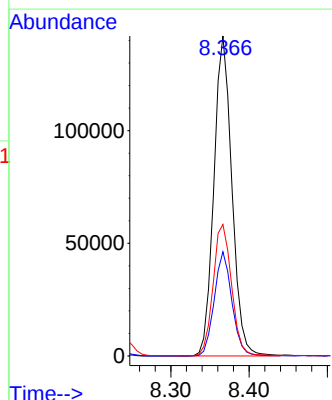
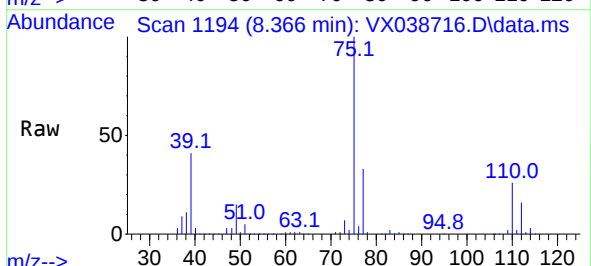
Tgt Ion: 75 Resp: 226950

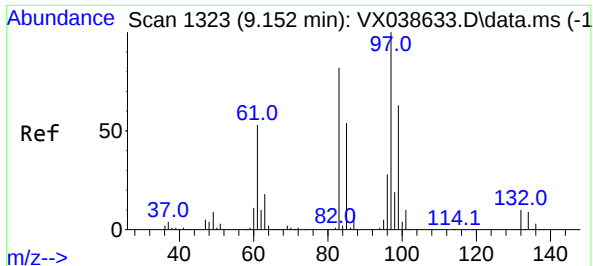
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 41.0 46.7 70.1#



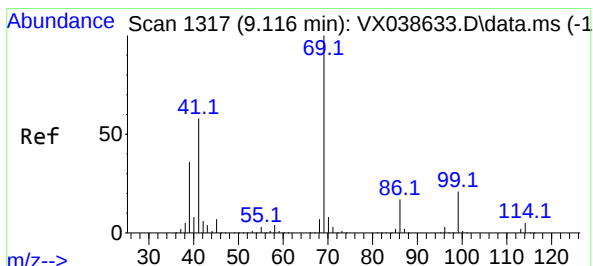
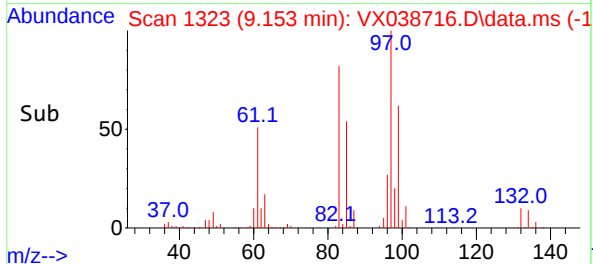
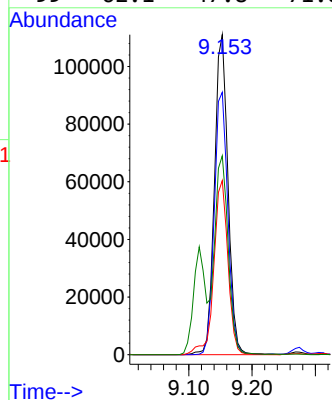
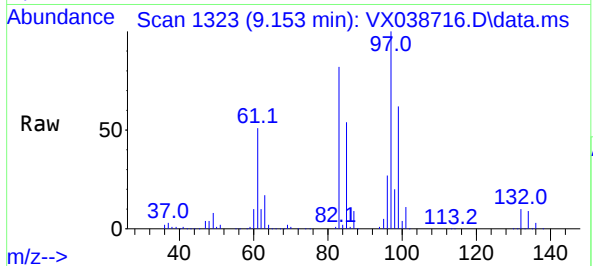


#55  
1,1,2-Trichloroethane  
Concen: 50.050 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 97 Resp: 165275

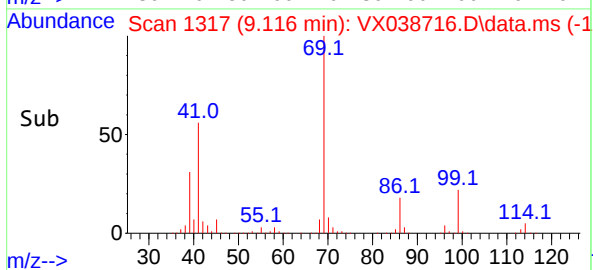
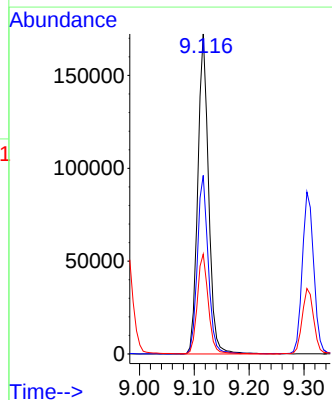
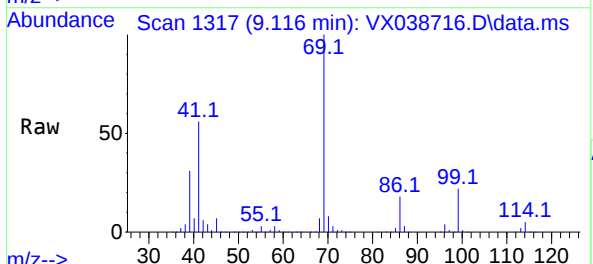
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.0  | 65.8  | 98.8  |
| 85  | 54.4  | 41.6  | 62.4  |
| 99  | 62.1  | 47.8  | 71.8  |

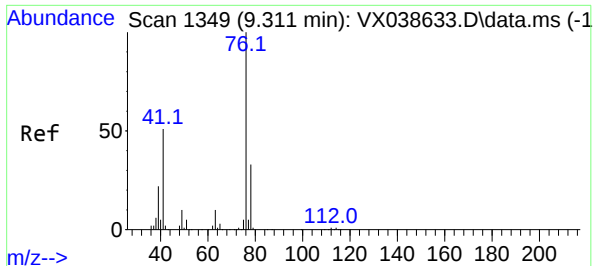


#56  
Ethyl methacrylate  
Concen: 51.156 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 69 Resp: 236347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.5  | 56.8  | 85.2# |
| 39  | 31.5  | 32.0  | 48.0# |

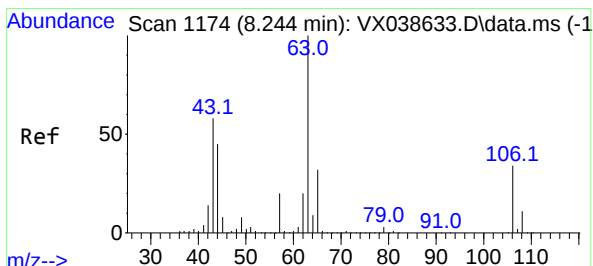
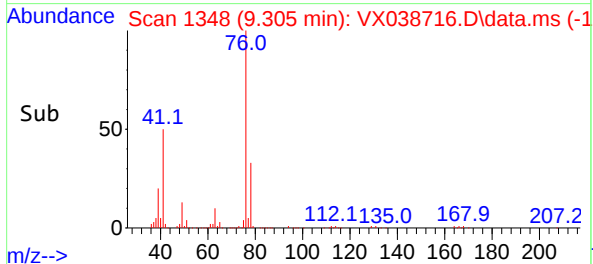
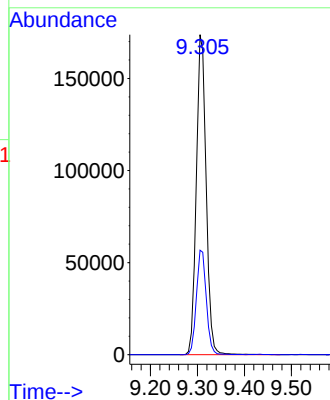
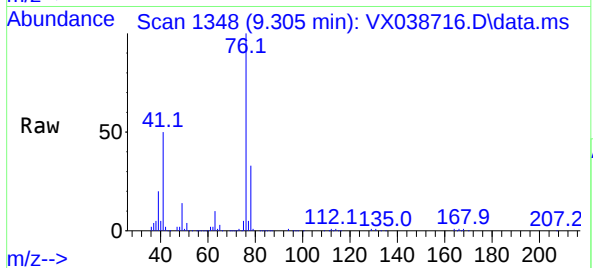




#57  
1,3-Dichloropropane  
Concen: 49.311 ug/l  
RT: 9.305 min Scan# 11348  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

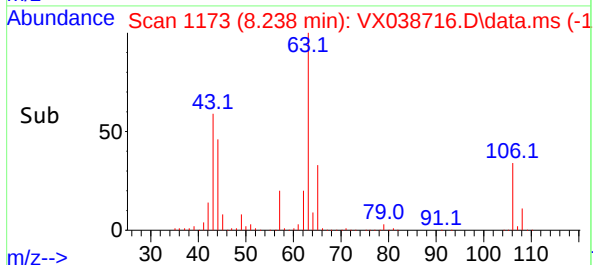
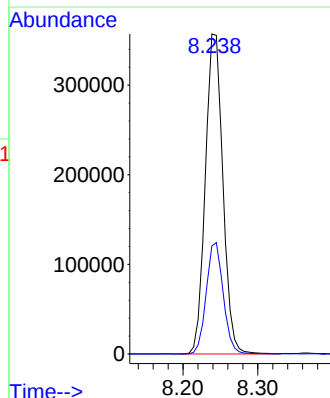
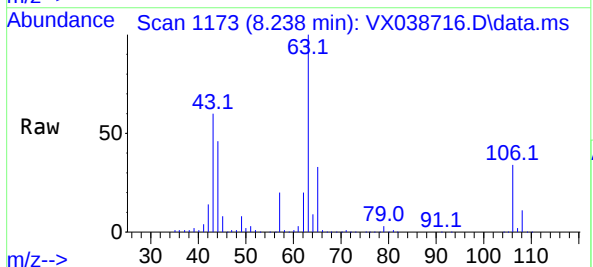
Instrument :  
MSVOA\_X  
ClientSampleId :

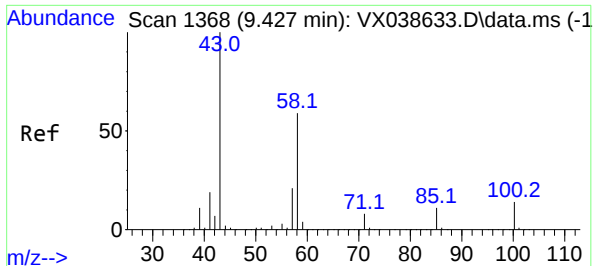
Tgt Ion: 76 Resp: 253622  
Ion Ratio Lower Upper  
76 100  
78 33.0 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 256.269 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 63 Resp: 582138  
Ion Ratio Lower Upper  
63 100  
106 33.8 22.5 33.7#

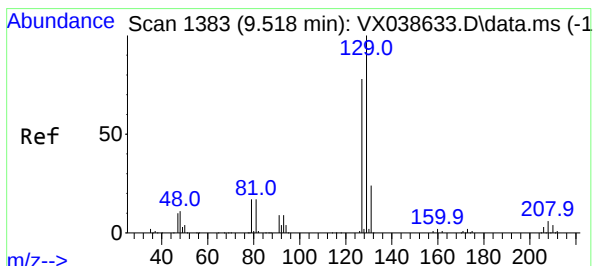
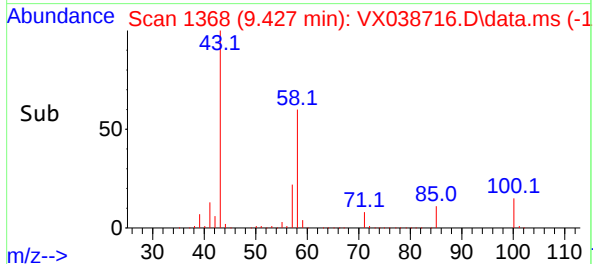
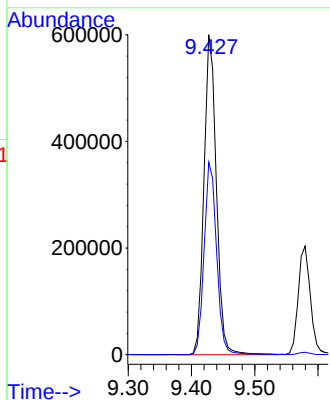
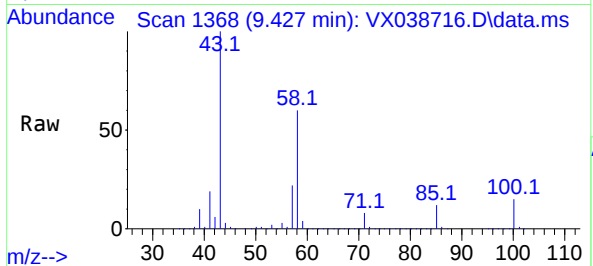




#59  
2-Hexanone  
Concen: 240.280 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

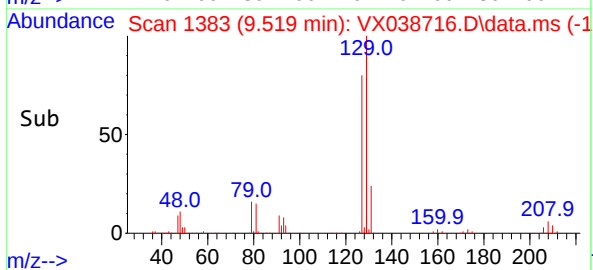
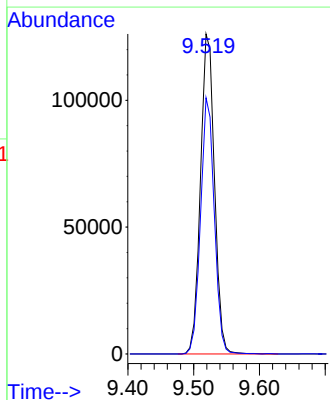
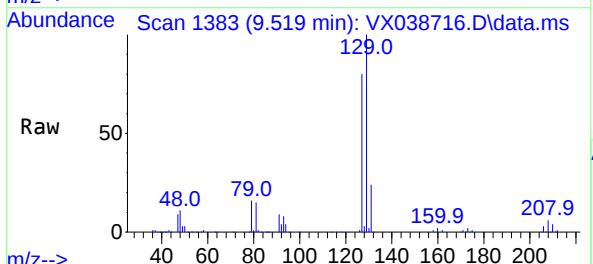
Instrument :  
MSVOA\_X  
ClientSampleId :

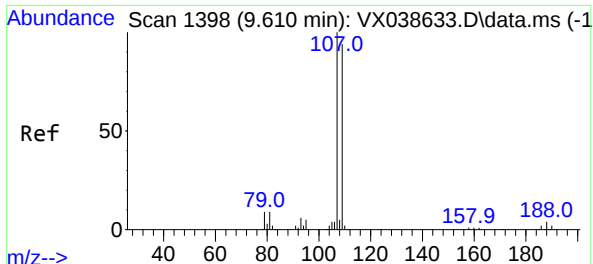
Tgt Ion: 43 Resp: 820126  
Ion Ratio Lower Upper  
43 100  
58 60.7 26.2 78.5



#60  
Dibromochloromethane  
Concen: 50.406 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:129 Resp: 186851  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 50.360 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

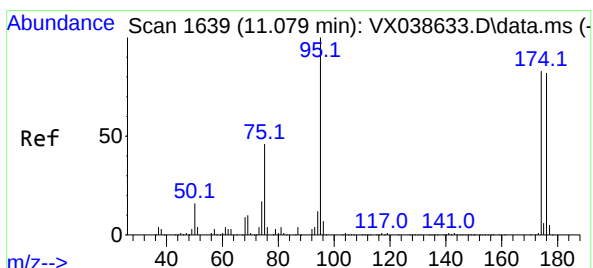
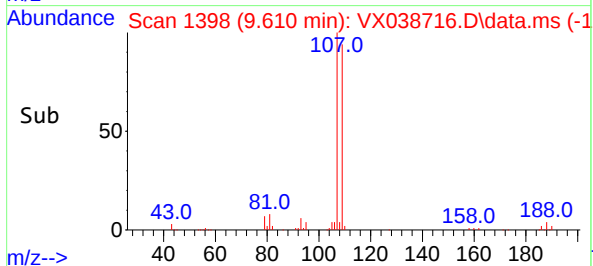
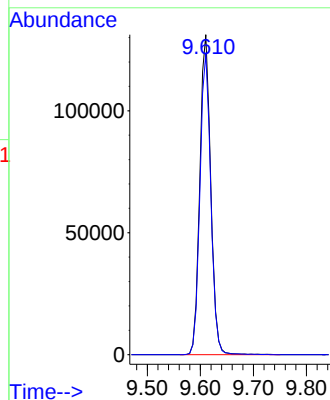
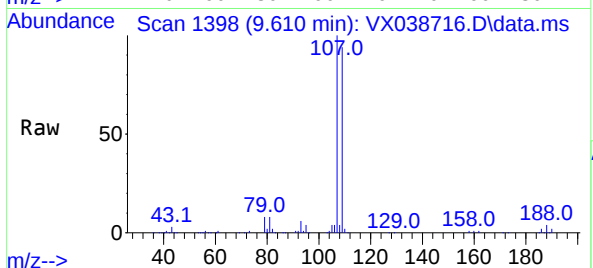
ClientSampleId :

Tgt Ion:107 Resp: 186897

Ion Ratio Lower Upper

107 100

109 93.9 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.895 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

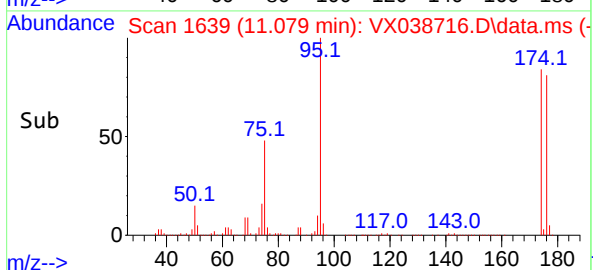
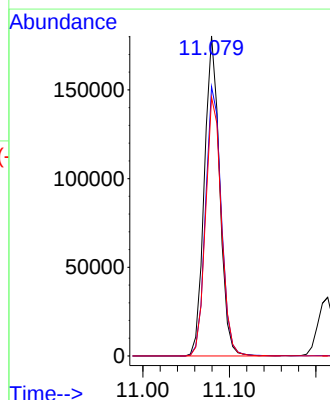
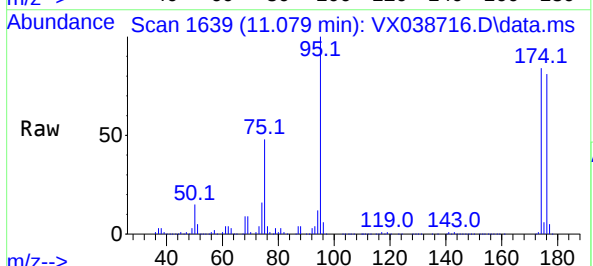
Tgt Ion: 95 Resp: 220646

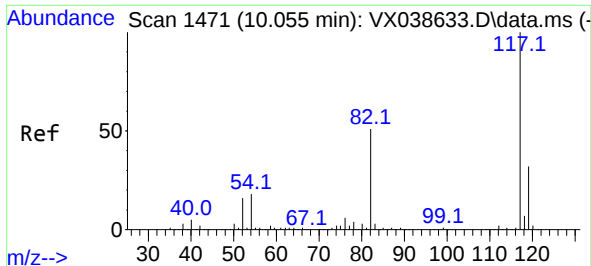
Ion Ratio Lower Upper

95 100

174 86.7 0.0 135.6

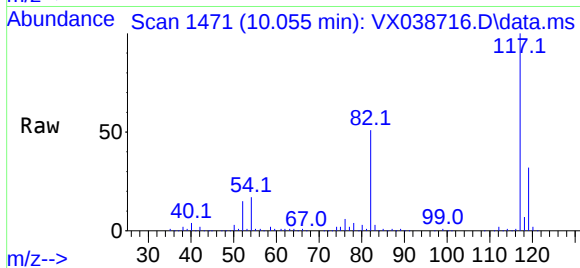
176 83.4 0.0 131.0



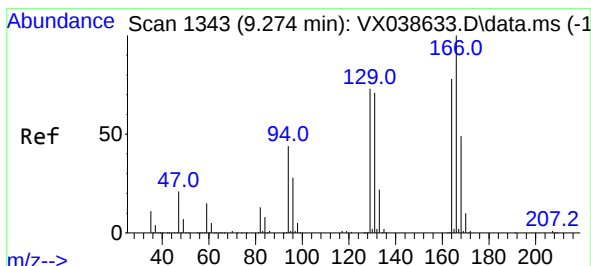
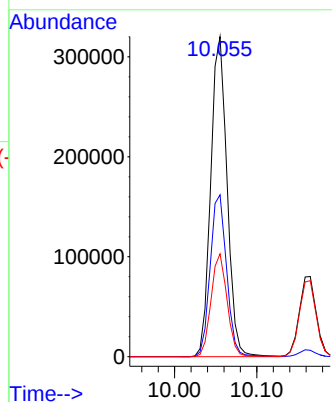
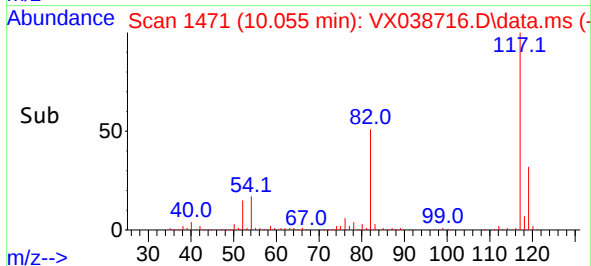


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

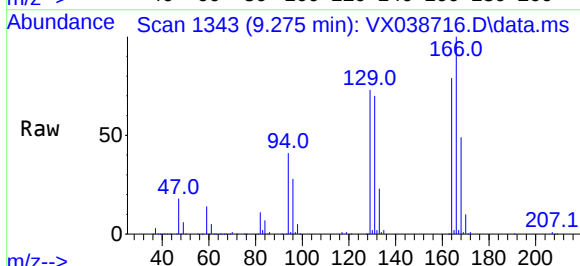
Instrument :  
MSVOA\_X  
ClientSampleId :



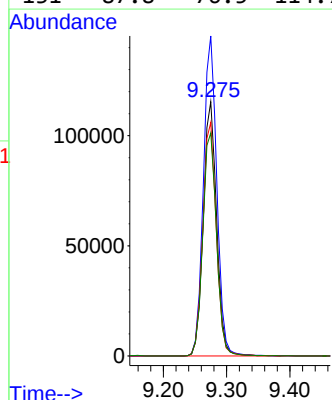
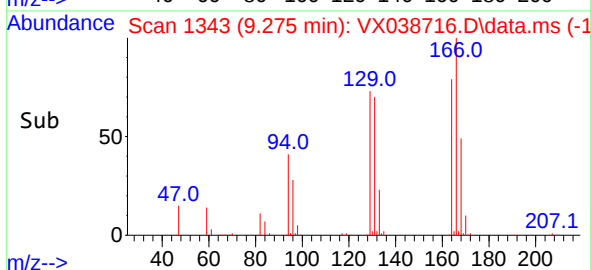
Tgt Ion:117 Resp: 441959  
Ion Ratio Lower Upper  
117 100  
82 50.6 46.2 69.4  
119 32.1 25.5 38.3

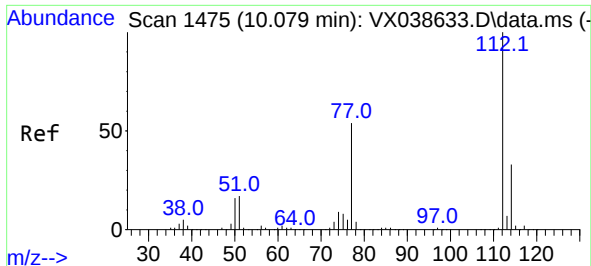


#64  
Tetrachloroethene  
Concen: 51.285 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39



Tgt Ion:164 Resp: 169662  
Ion Ratio Lower Upper  
164 100  
166 125.9 102.7 154.1  
129 91.8 80.4 120.6  
131 87.8 76.5 114.7

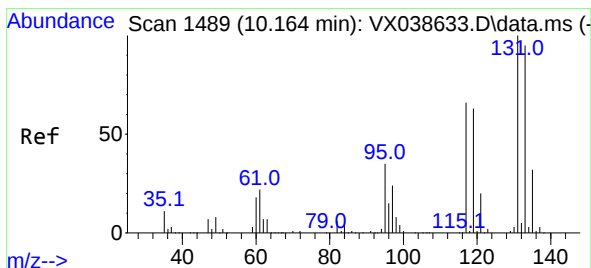
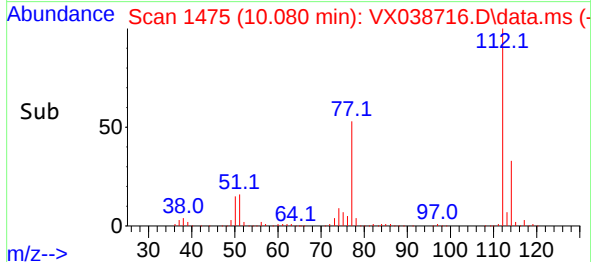
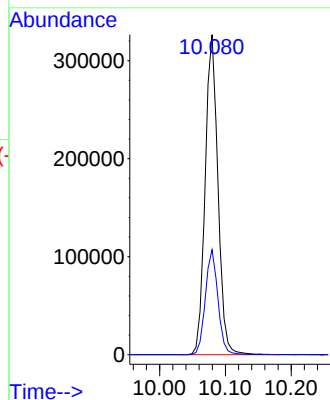
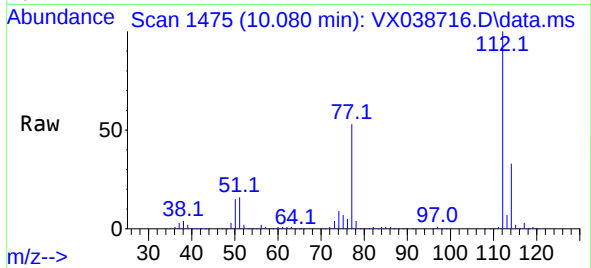




#65  
Chlorobenzene  
Concen: 49.055 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

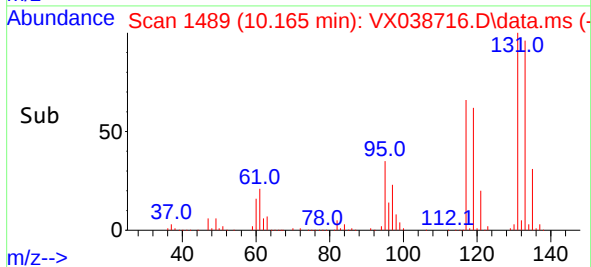
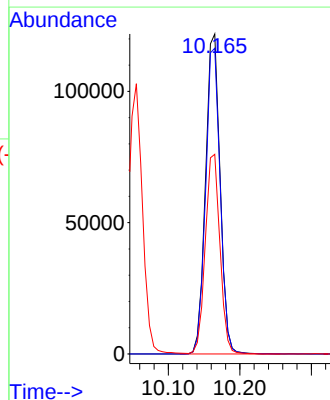
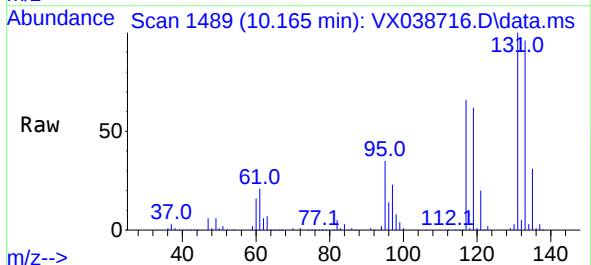
Instrument :  
MSVOA\_X  
ClientSampleId :

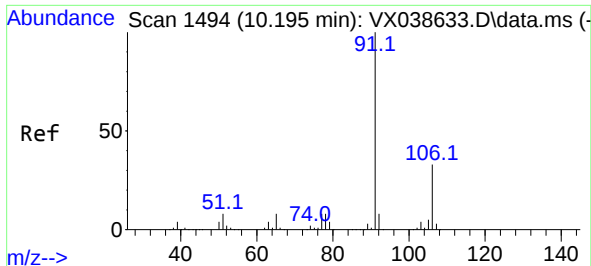
Tgt Ion:112 Resp: 441341  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.979 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:131 Resp: 172418  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.1 141.4  
119 62.8 32.2 96.6





#67

Ethyl Benzene

Concen: 49.097 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

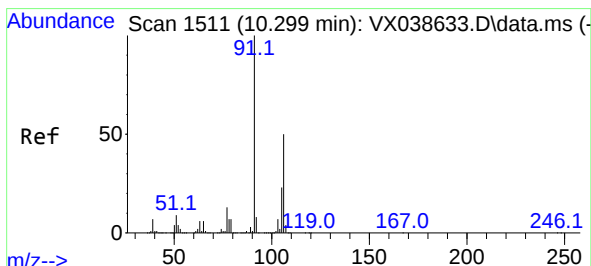
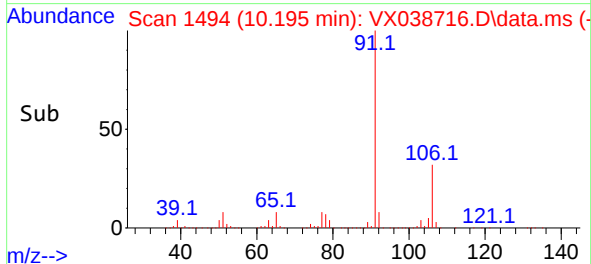
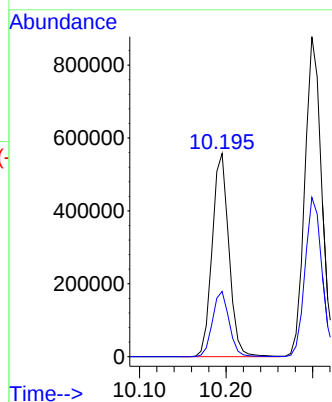
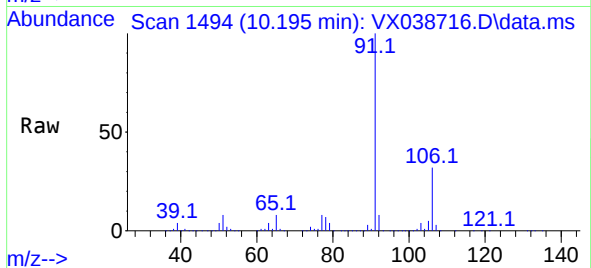
ClientSampleId :

Tgt Ion: 91 Resp: 747183

Ion Ratio Lower Upper

91 100

106 32.1 24.9 37.3



#68

m/p-Xylenes

Concen: 98.806 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038716.D

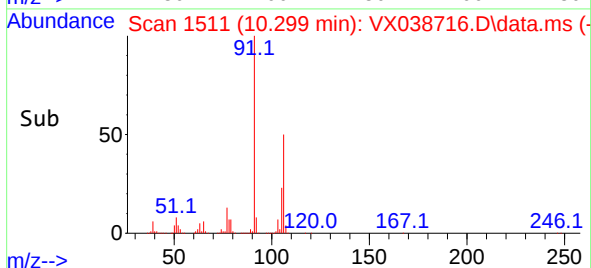
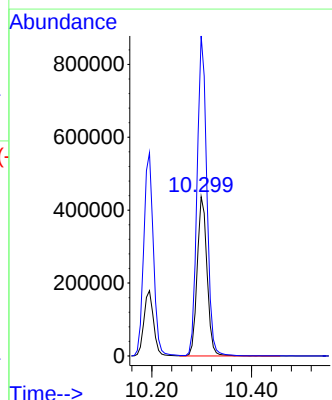
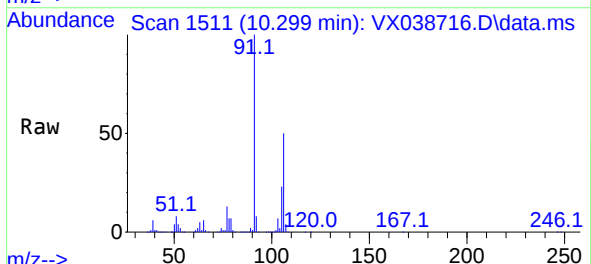
Acq: 10 Nov 2023 09:39

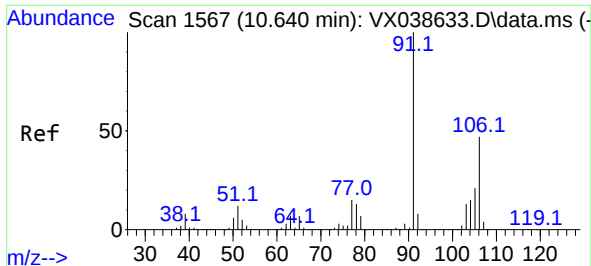
Tgt Ion:106 Resp: 596786

Ion Ratio Lower Upper

106 100

91 198.7 165.5 248.3

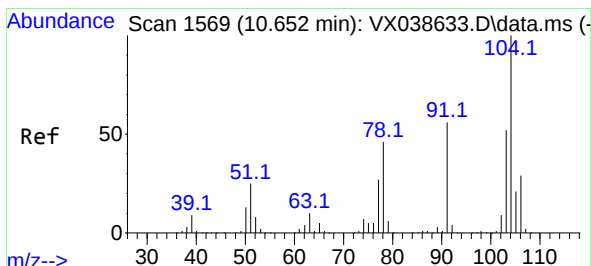
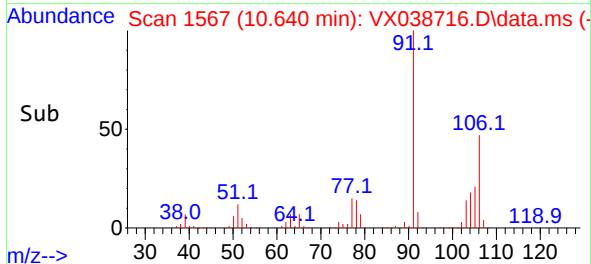
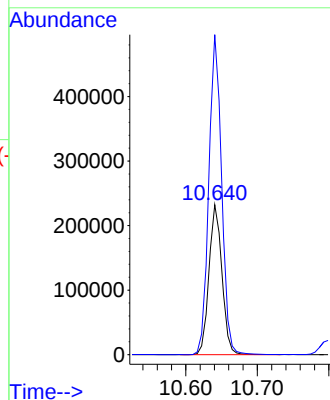
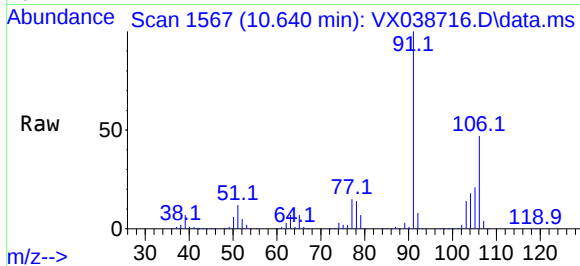




#69  
o-Xylene  
Concen: 49.870 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

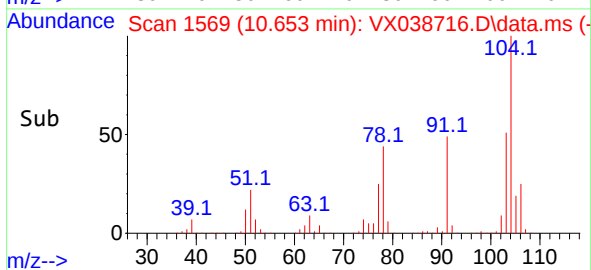
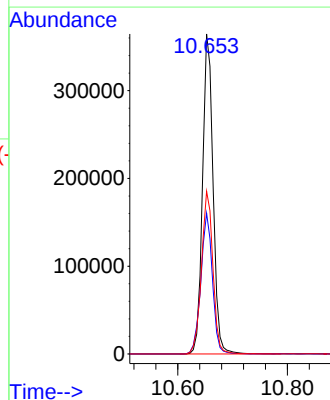
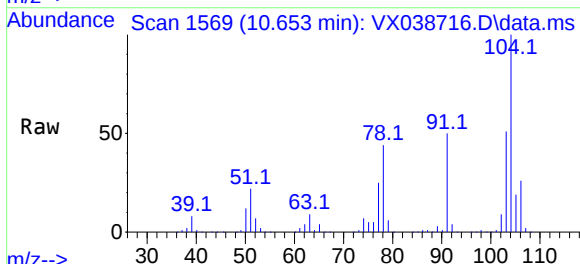
Instrument :  
MSVOA\_X  
ClientSampleId :

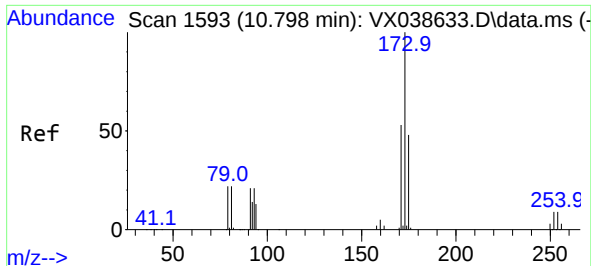
Tgt Ion:106 Resp: 292921  
Ion Ratio Lower Upper  
106 100  
91 210.2 108.9 326.8



#70  
Styrene  
Concen: 50.234 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:104 Resp: 486963  
Ion Ratio Lower Upper  
104 100  
78 48.2 43.6 65.4  
103 55.4 43.6 65.4

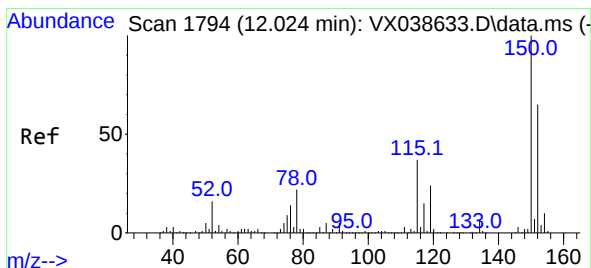
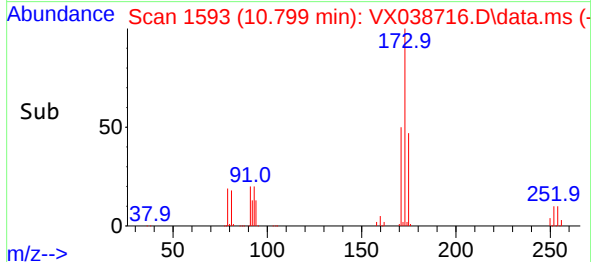
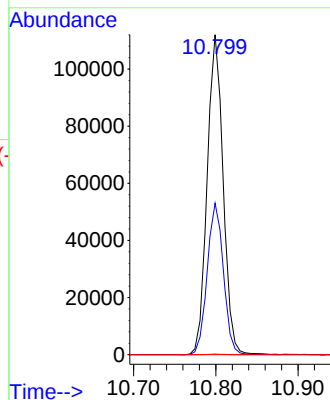
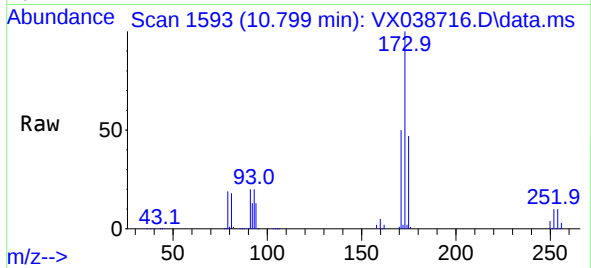




#71  
Bromoform  
Concen: 50.656 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

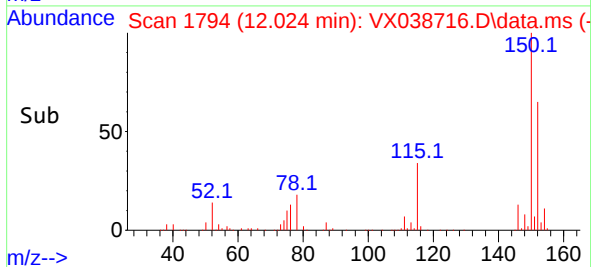
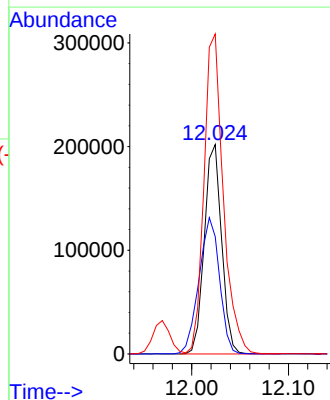
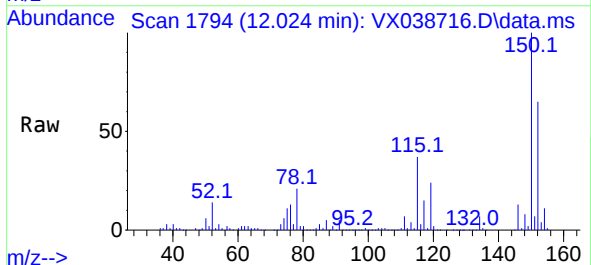
Instrument :  
MSVOA\_X  
ClientSampleId :

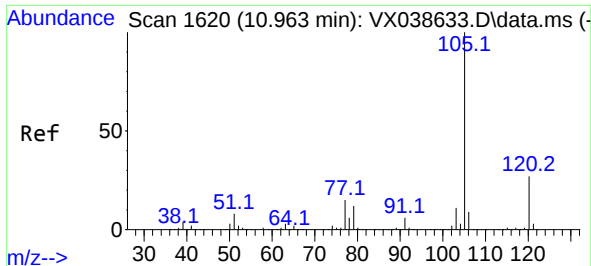
Tgt Ion:173 Resp: 151218  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.1 72.4  
254 0.2 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:152 Resp: 251458  
Ion Ratio Lower Upper  
152 100  
115 77.5 43.3 129.9  
150 170.3 0.0 345.0

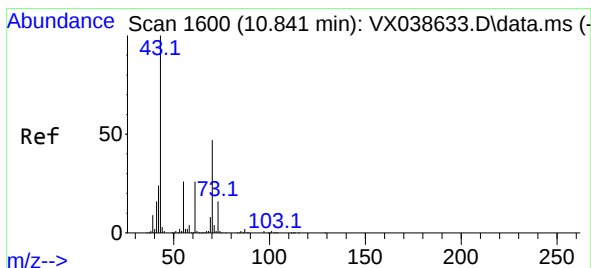
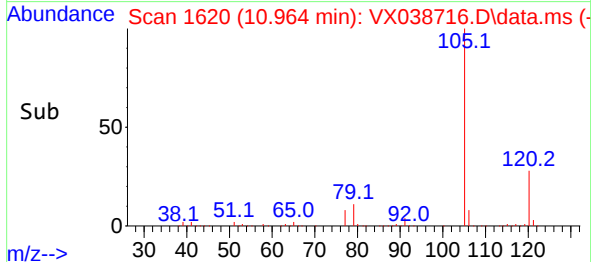
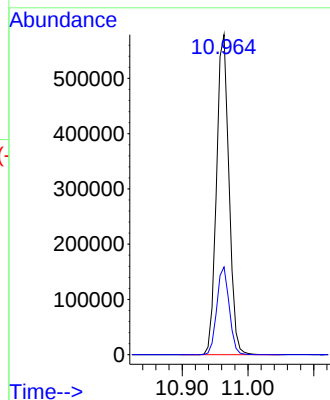
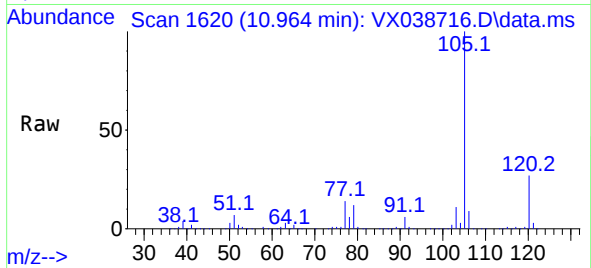




#73  
Isopropylbenzene  
Concen: 49.513 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

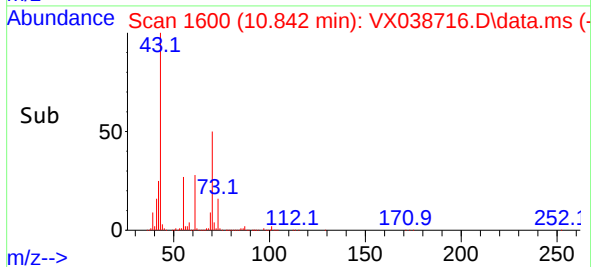
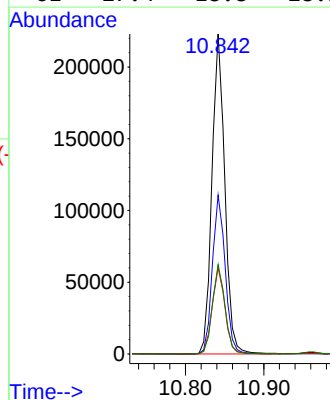
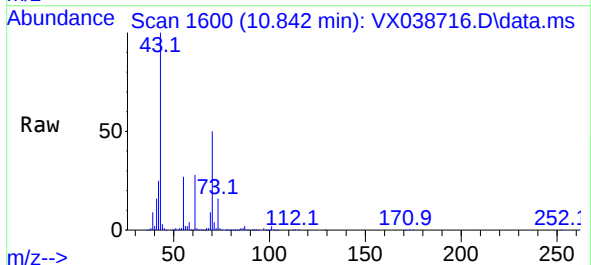
Instrument :  
MSVOA\_X  
ClientSampleId :

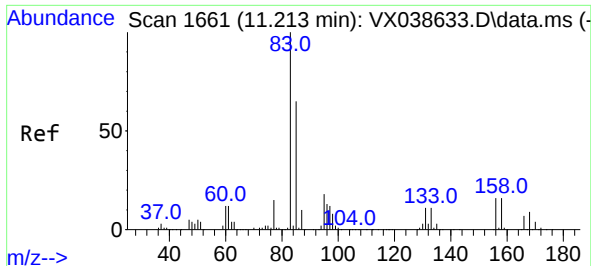
Tgt Ion:105 Resp: 763832  
Ion Ratio Lower Upper  
105 100  
120 27.2 12.9 38.6



#74  
N-ethyl acetate  
Concen: 47.209 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 43 Resp: 253049  
Ion Ratio Lower Upper  
43 100  
70 49.8 32.9 49.3#  
55 27.0 19.3 28.9  
61 27.4 18.8 28.2

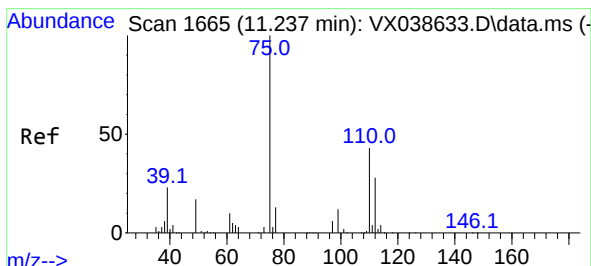
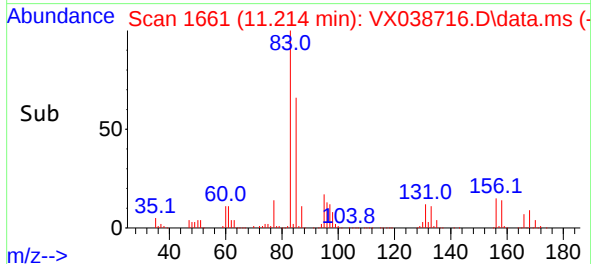
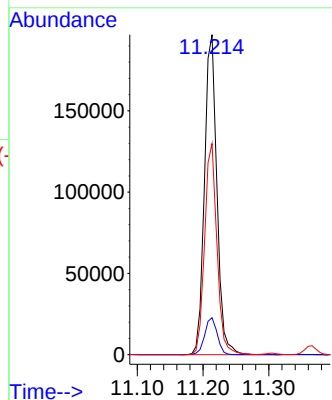
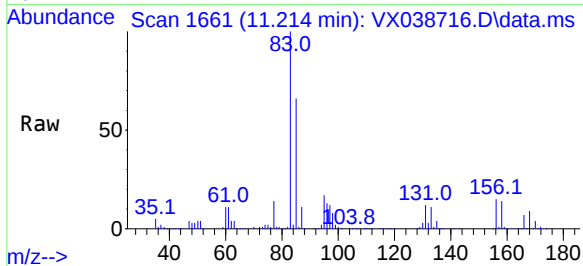




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.503 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

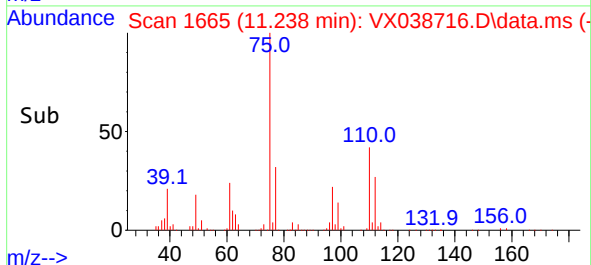
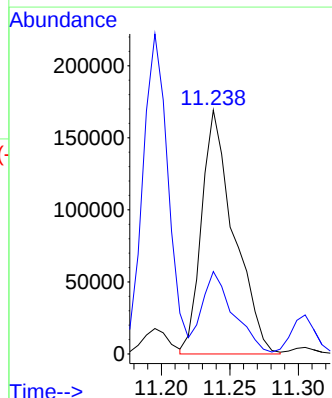
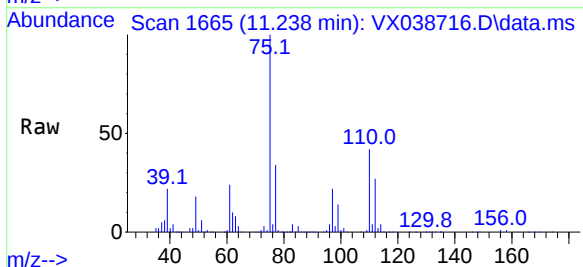
Instrument :  
MSVOA\_X  
ClientSampleId :

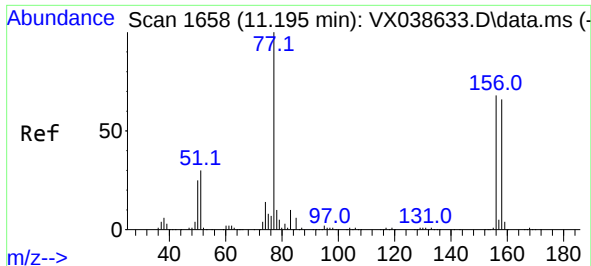
Tgt Ion: 83 Resp: 258678  
Ion Ratio Lower Upper  
83 100  
131 11.6 5.3 15.8  
85 65.5 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 55.827 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 75 Resp: 278025  
Ion Ratio Lower Upper  
75 100  
77 33.1 19.1 57.5

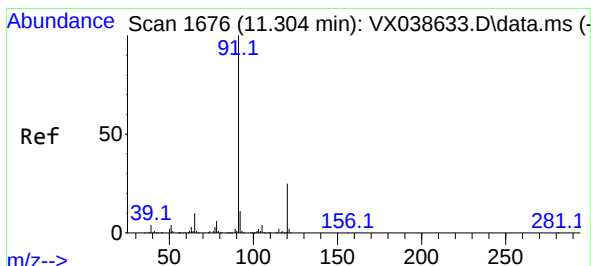
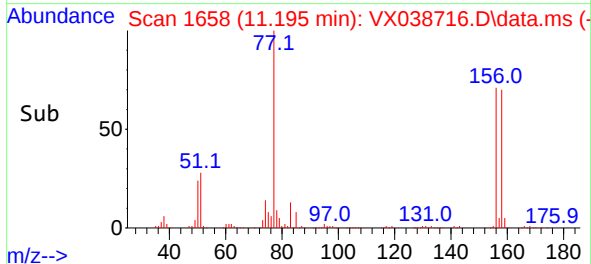
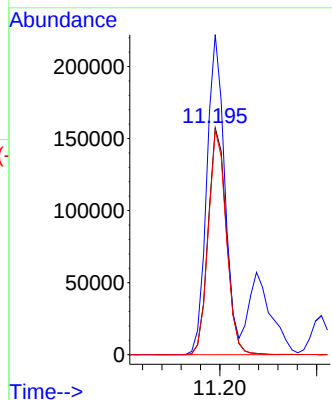
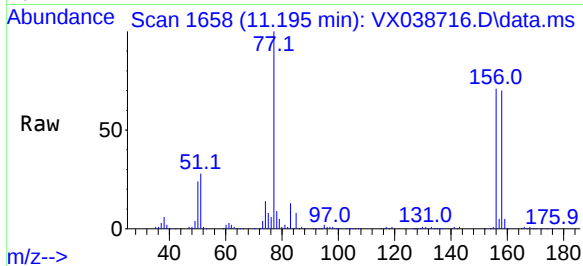




#77  
Bromobenzene  
Concen: 48.814 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

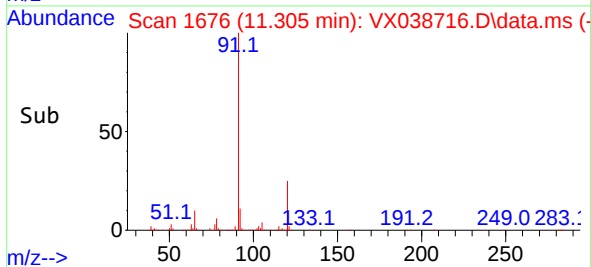
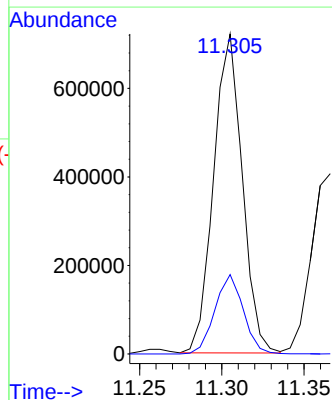
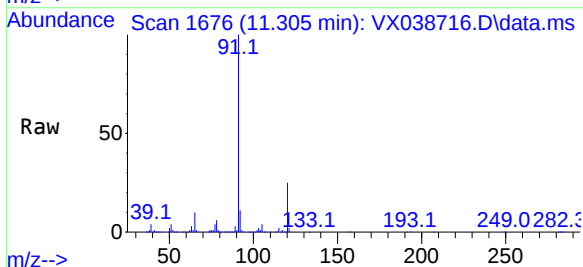
Instrument :  
MSVOA\_X  
ClientSampleId :

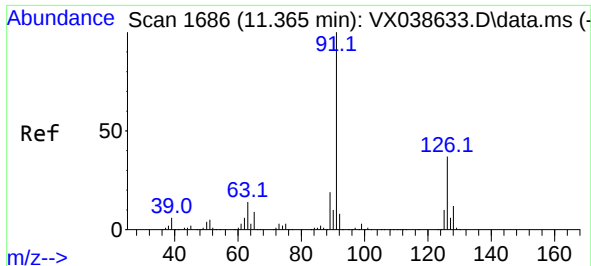
Tgt Ion:156 Resp: 206672  
Ion Ratio Lower Upper  
156 100  
77 138.1 88.4 265.3  
158 97.9 48.0 144.0



#78  
n-propylbenzene  
Concen: 48.684 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 91 Resp: 873976  
Ion Ratio Lower Upper  
91 100  
120 24.7 11.5 34.4

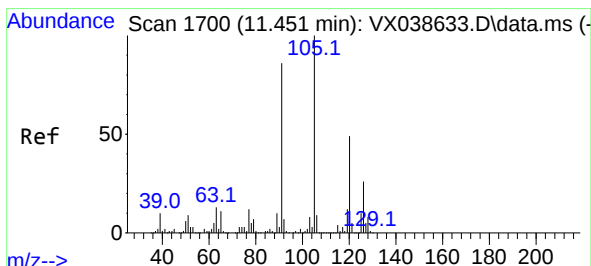
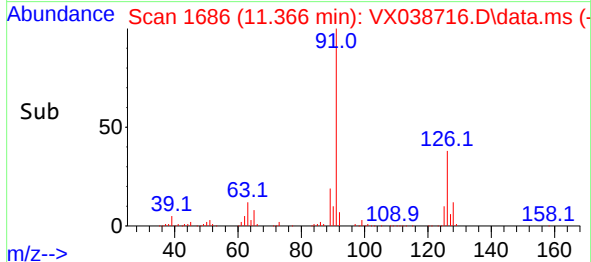
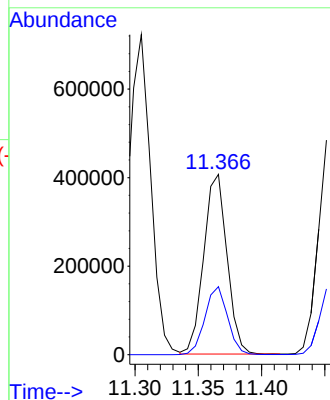
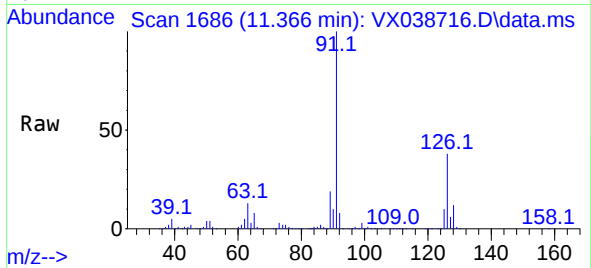




#79  
2-Chlorotoluene  
Concen: 48.412 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

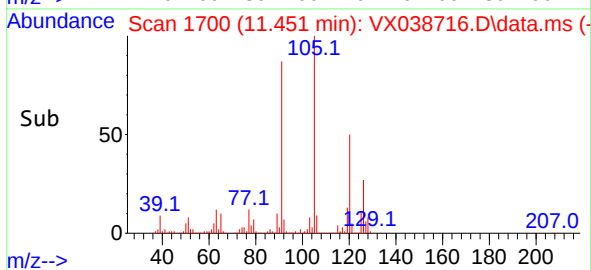
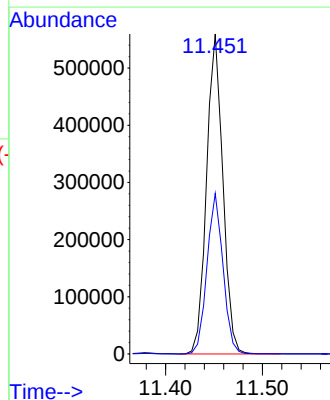
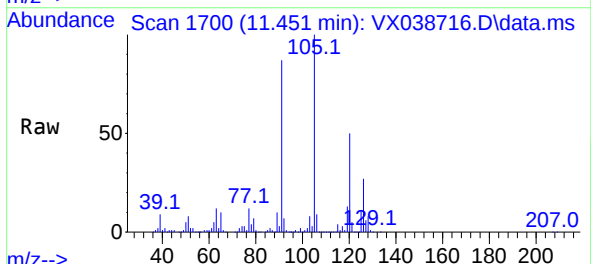
Instrument :  
MSVOA\_X  
ClientSampleId :

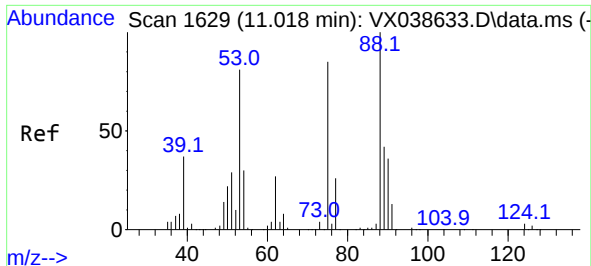
Tgt Ion: 91 Resp: 520319  
Ion Ratio Lower Upper  
91 100  
126 36.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.422 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

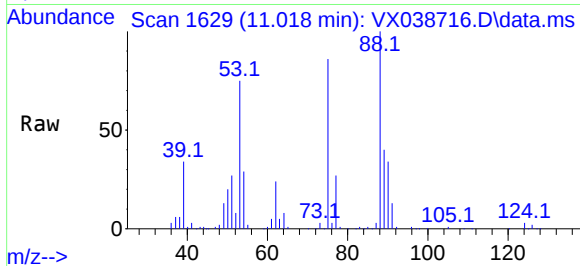
Tgt Ion: 105 Resp: 656179  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.1 72.3



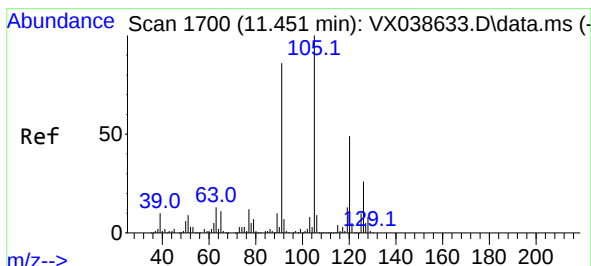
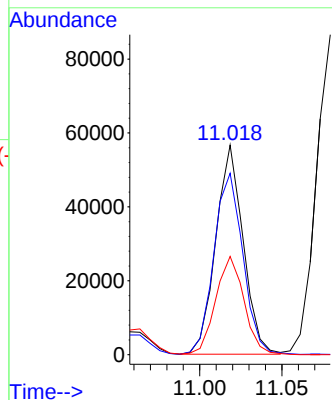
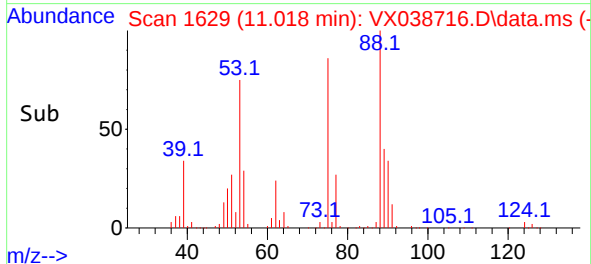


#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.968 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :

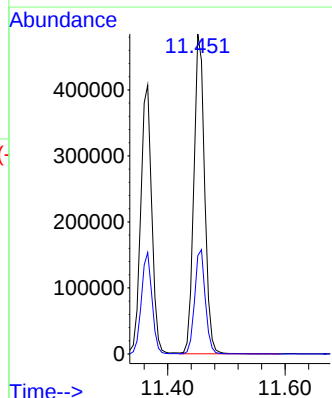
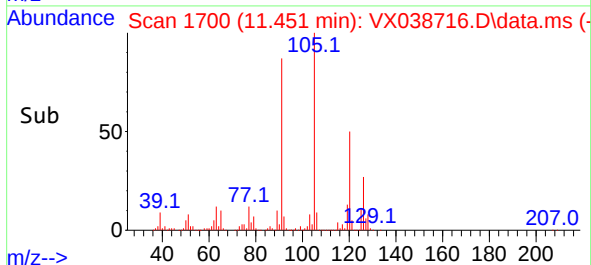
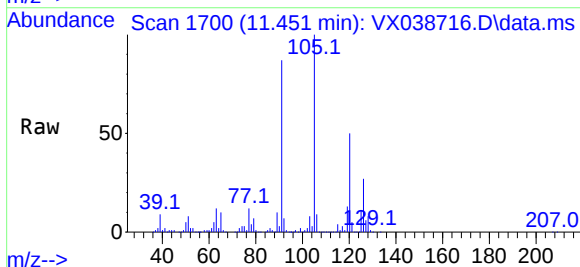


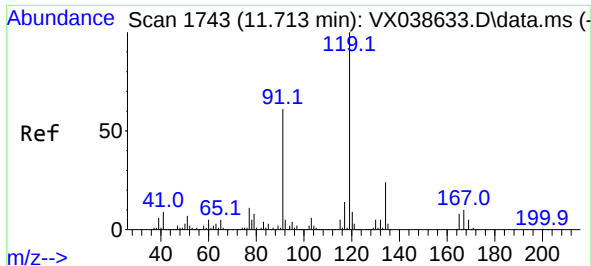
Tgt Ion: 75 Resp: 65610  
Ion Ratio Lower Upper  
75 100  
53 92.0 90.5 135.7  
89 48.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 48.915 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 91 Resp: 614184  
Ion Ratio Lower Upper  
91 100  
126 32.3 14.2 42.6

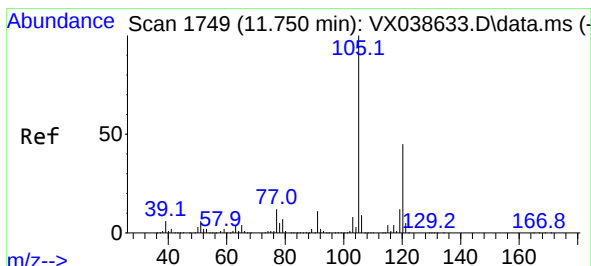
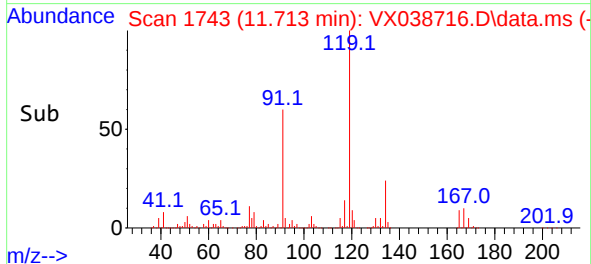
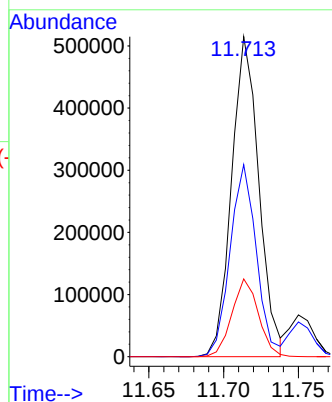
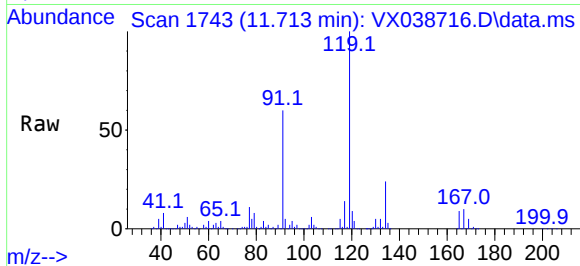




#83  
tert-Butylbenzene  
Concen: 48.619 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

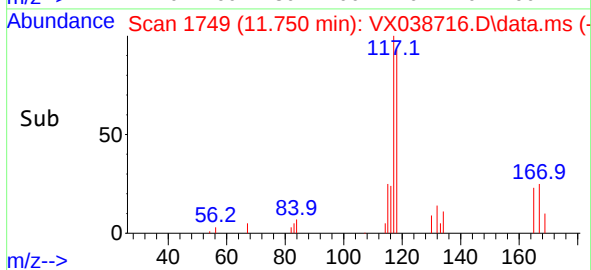
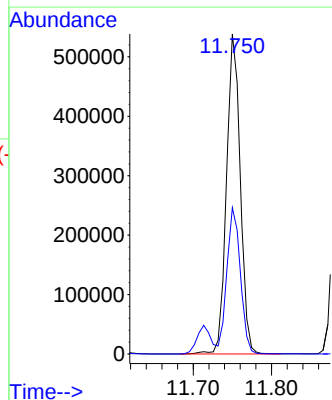
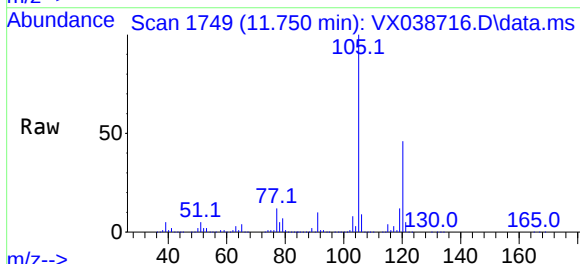
Instrument :  
MSVOA\_X  
ClientSampleId :

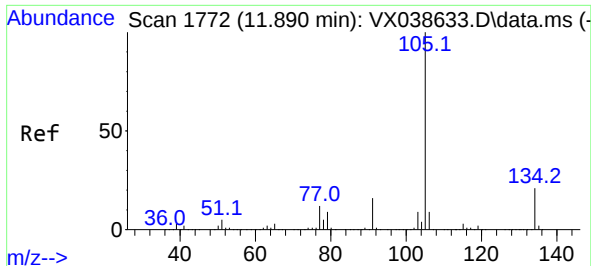
Tgt Ion:119 Resp: 654091  
Ion Ratio Lower Upper  
119 100  
91 57.8 31.2 93.6  
134 23.6 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 50.051 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.001 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:105 Resp: 659099  
Ion Ratio Lower Upper  
105 100  
120 44.7 21.2 63.6

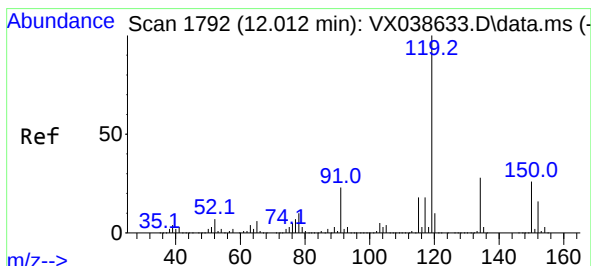
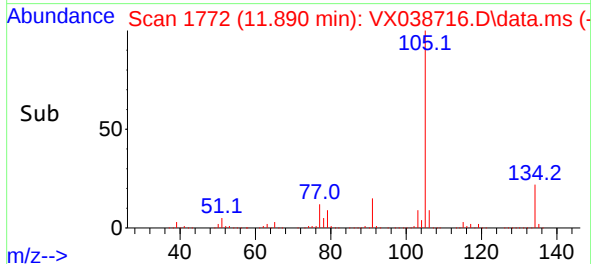
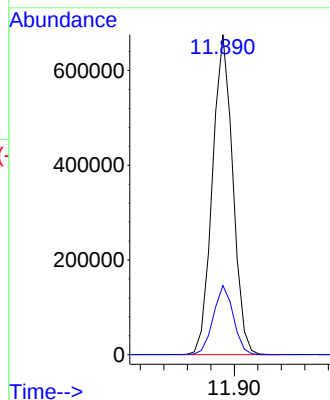
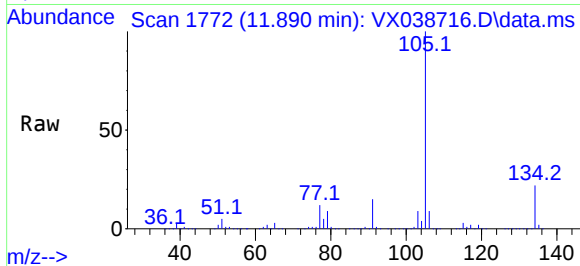




#85  
 sec-Butylbenzene  
 Concen: 48.413 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038716.D  
 Acq: 10 Nov 2023 09:39

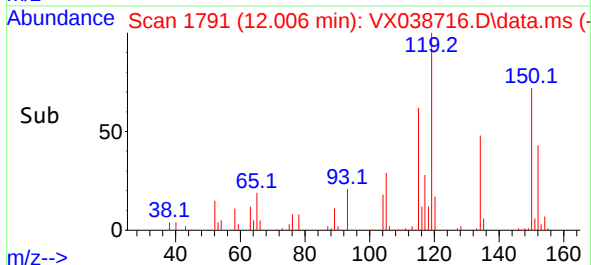
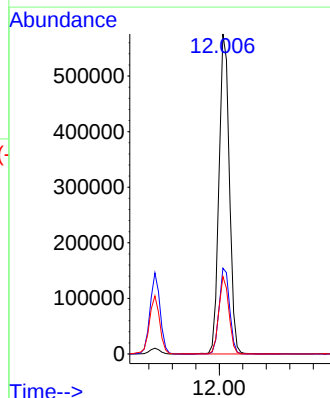
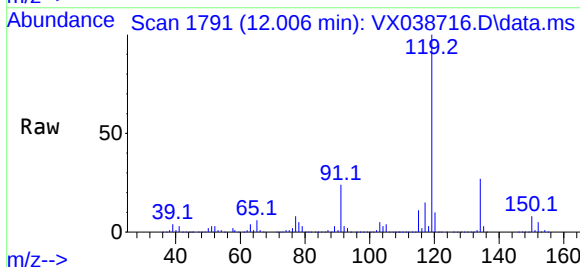
Instrument :  
 MSVOA\_X  
 ClientSampleId :

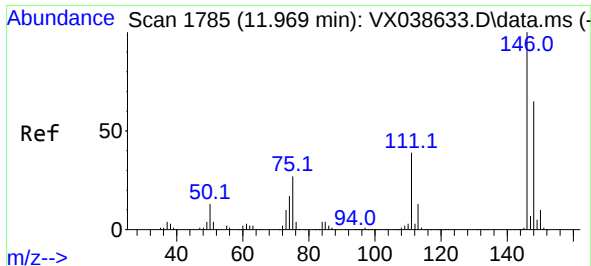
Tgt Ion:105 Resp: 812718  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 49.165 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX038716.D  
 Acq: 10 Nov 2023 09:39

Tgt Ion:119 Resp: 703084  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 12.8 38.3  
 91 23.5 13.1 39.3

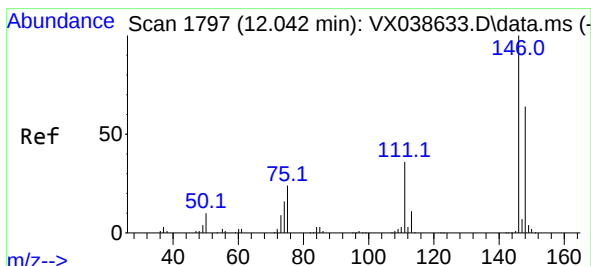
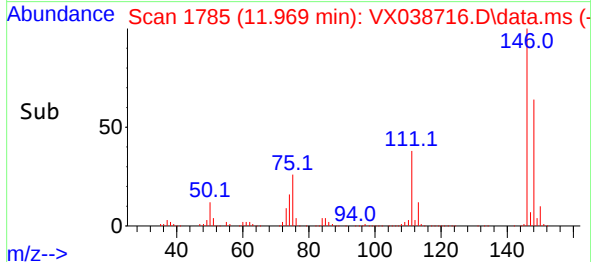
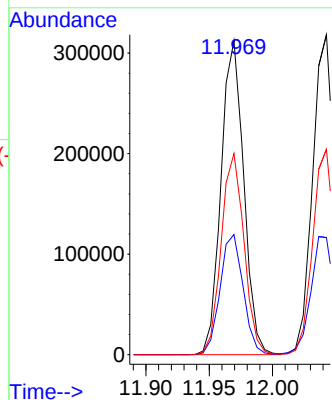
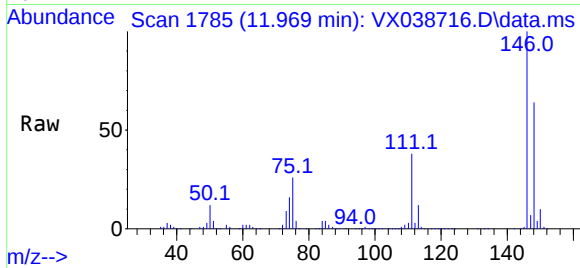




#87  
1,3-Dichlorobenzene  
Concen: 48.119 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

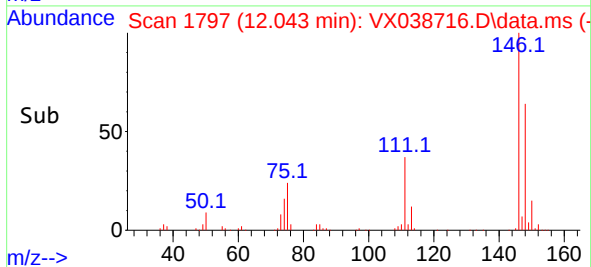
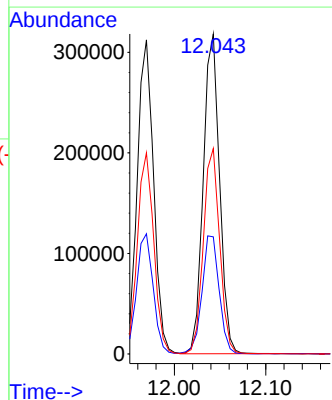
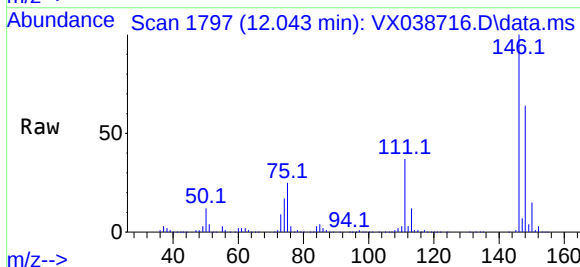
Instrument :  
MSVOA\_X  
ClientSampleId :

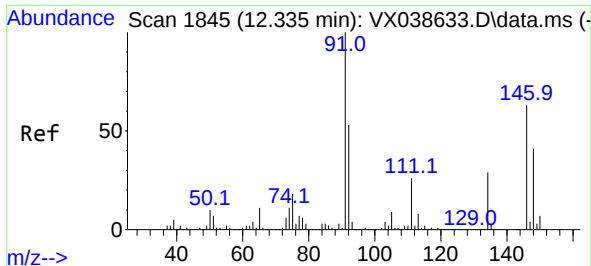
Tgt Ion:146 Resp: 389511  
Ion Ratio Lower Upper  
146 100  
111 39.0 22.1 66.1  
148 64.3 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 47.270 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:146 Resp: 393298  
Ion Ratio Lower Upper  
146 100  
111 38.9 21.3 63.7  
148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 46.630 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

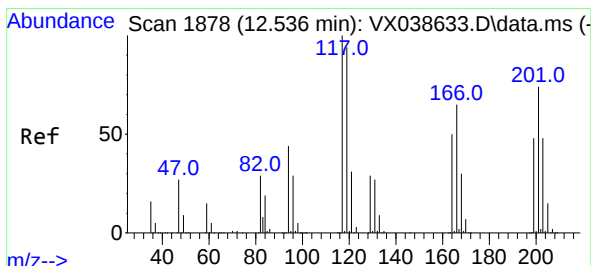
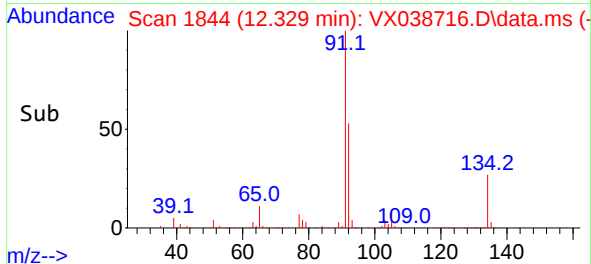
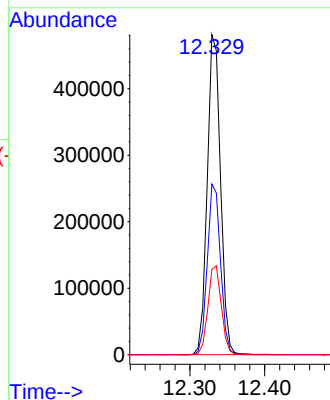
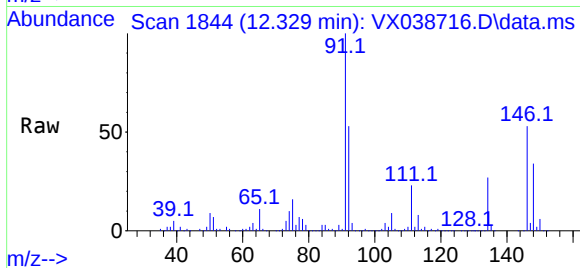
Tgt Ion: 91 Resp: 593398

Ion Ratio Lower Upper

91 100

92 53.0 27.4 82.0

134 28.0 12.6 37.8



#90

Hexachloroethane

Concen: 50.514 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038716.D

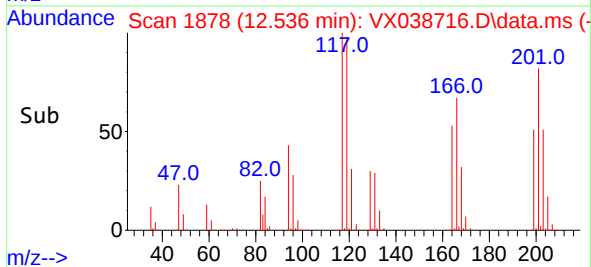
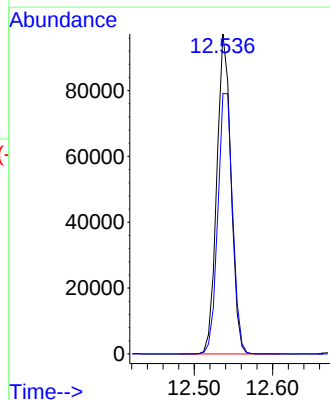
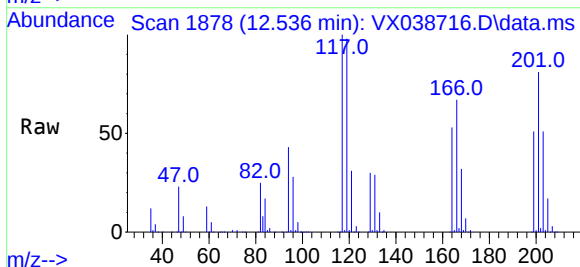
Acq: 10 Nov 2023 09:39

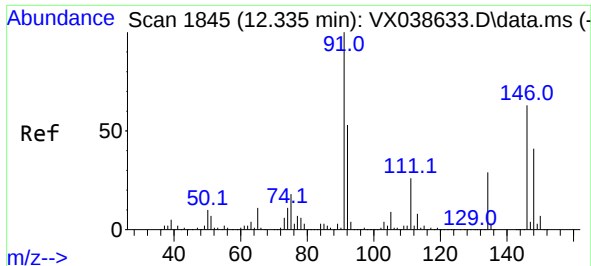
Tgt Ion:117 Resp: 122359

Ion Ratio Lower Upper

117 100

201 85.1 32.9 98.6

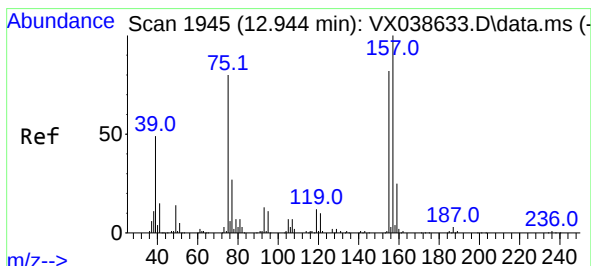
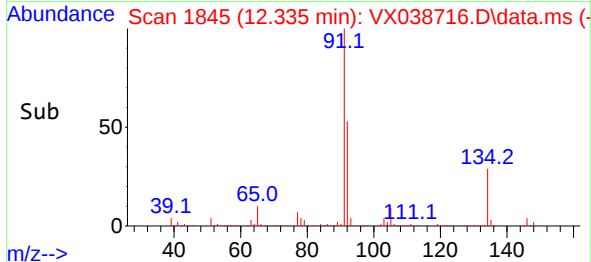
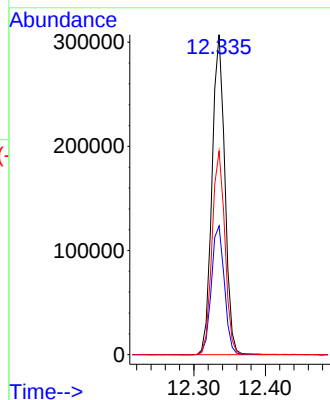
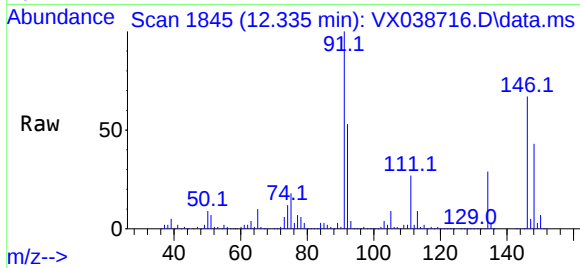




#91  
1,2-Dichlorobenzene  
Concen: 48.220 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

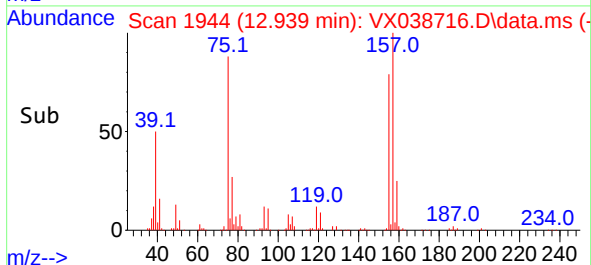
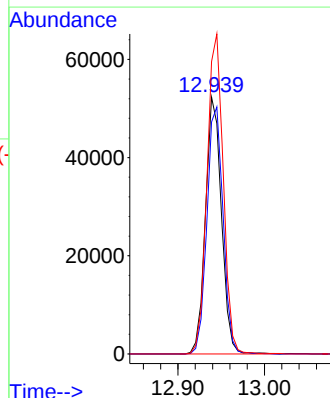
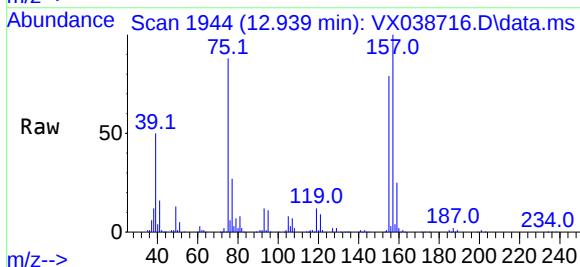
Instrument :  
MSVOA\_X  
ClientSampleId :

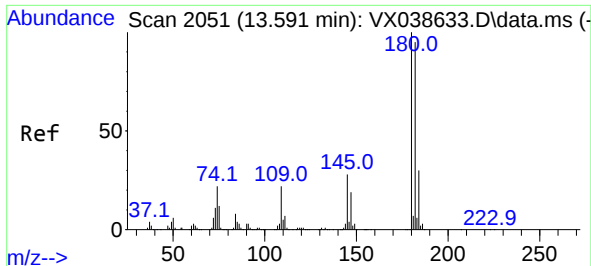
Tgt Ion:146 Resp: 381197  
Ion Ratio Lower Upper  
146 100  
111 41.0 22.4 67.0  
148 64.1 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.987 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion: 75 Resp: 67003  
Ion Ratio Lower Upper  
75 100  
155 97.4 36.1 108.5  
157 126.6 44.9 134.7

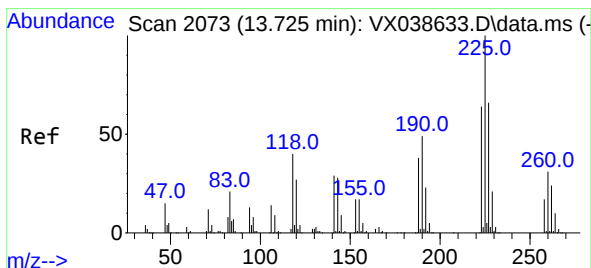
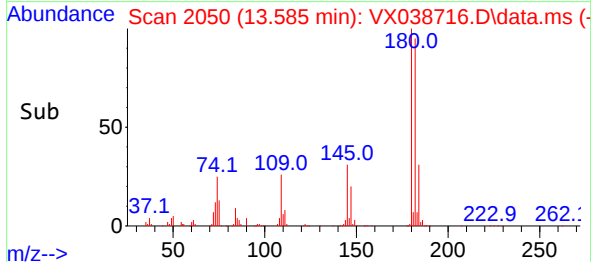
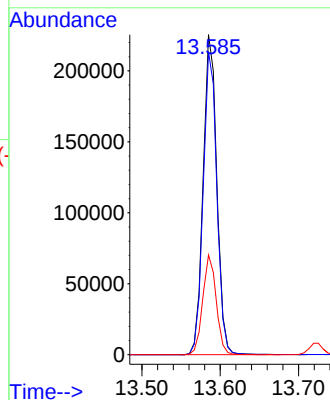
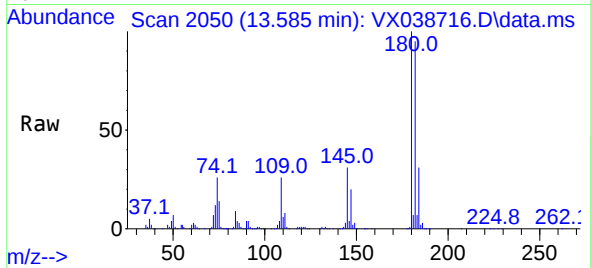




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.306 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. -0.006 min  
 Lab File: VX038716.D  
 Acq: 10 Nov 2023 09:39

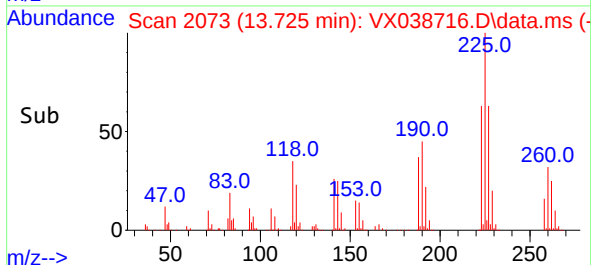
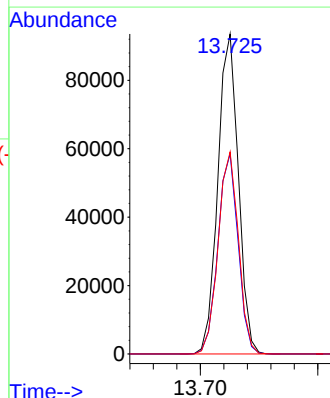
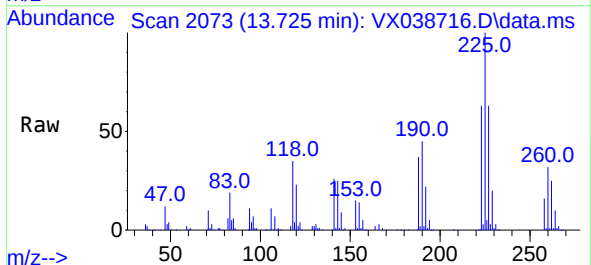
Instrument :  
 MSVOA\_X  
 ClientSampleId :

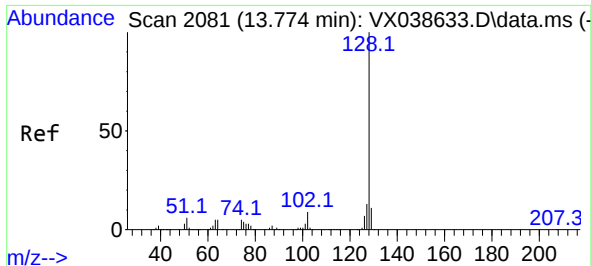
Tgt Ion:180 Resp: 273133  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 48.3 144.8  
 145 30.7 18.0 54.0



#94  
 Hexachlorobutadiene  
 Concen: 46.465 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX038716.D  
 Acq: 10 Nov 2023 09:39

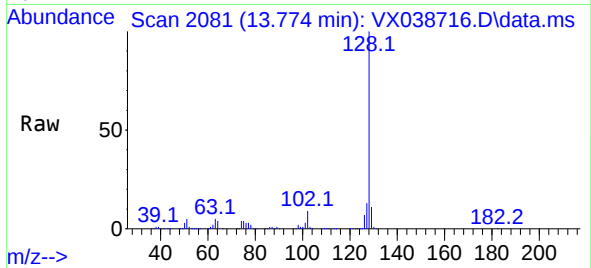
Tgt Ion:225 Resp: 113368  
 Ion Ratio Lower Upper  
 225 100  
 223 61.5 31.1 93.2  
 227 62.6 32.5 97.5



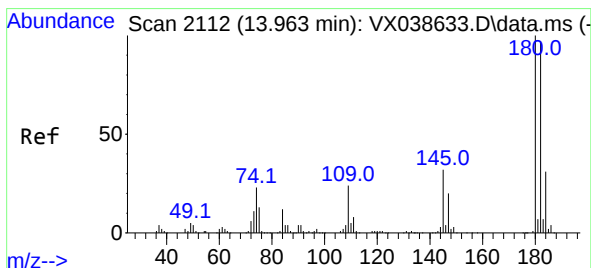
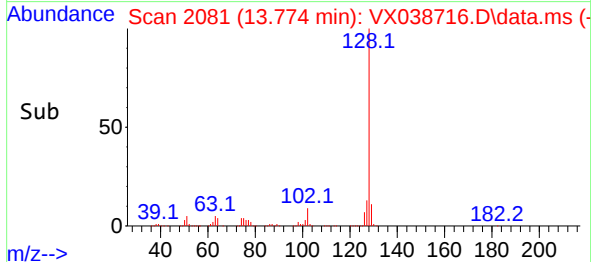
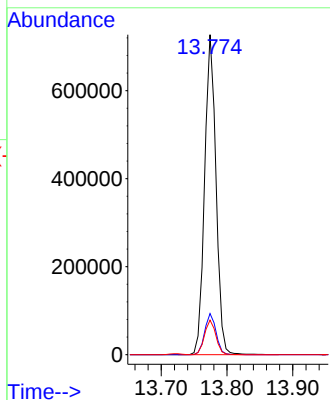


#95  
Naphthalene  
Concen: 51.268 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 874420  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 48.341 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX038716.D  
Acq: 10 Nov 2023 09:39

Tgt Ion:180 Resp: 269413  
Ion Ratio Lower Upper  
180 100  
182 96.7 46.9 140.6  
145 32.6 17.8 53.5

