

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110923\  
 Data File : VX038715.D  
 Acq On : 10 Nov 2023 09:16  
 Operator : JC/MD  
 Sample : 05241-11MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 16:44:55 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      | 5.556  | 168  | 298400   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 468365   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 448489   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 258718   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 185331   | 49.888   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 99.780% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 167942   | 49.786   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.580% |
| 50) Toluene-d8              | 8.647  | 98    | 582079   | 48.221   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.440% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 233685   | 49.932   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.860% |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 142560  | 46.004  | ug/l   | 99 |
| 3) Chloromethane             | 1.294 | 50  | 124778  | 46.586  | ug/l   | 97 |
| 4) Vinyl Chloride            | 1.374 | 62  | 139508  | 48.927  | ug/l   | 99 |
| 5) Bromomethane              | 1.599 | 94  | 102936  | 46.772  | ug/l   | 98 |
| 6) Chloroethane              | 1.685 | 64  | 94587   | 52.391  | ug/l   | 99 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 245988  | 50.040  | ug/l   | 99 |
| 8) Diethyl Ether             | 2.136 | 74  | 85340   | 50.571  | ug/l   | 75 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 132440  | 45.565  | ug/l   | 90 |
| 10) Methyl Iodide            | 2.453 | 142 | 196690  | 54.793  | ug/l   | 91 |
| 11) Tert butyl alcohol       | 2.959 | 59  | 194466  | 256.065 | ug/l # | 91 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 137303  | 49.304  | ug/l # | 79 |
| 13) Acrolein                 | 2.233 | 56  | 117879  | 204.794 | ug/l   | 98 |
| 14) Allyl chloride           | 2.666 | 41  | 183647  | 46.041  | ug/l # | 93 |
| 15) Acrylonitrile            | 3.062 | 53  | 417678  | 260.604 | ug/l   | 99 |
| 16) Acetone                  | 2.380 | 43  | 351931  | 224.939 | ug/l # | 89 |
| 17) Carbon Disulfide         | 2.514 | 76  | 344213  | 46.518  | ug/l   | 98 |
| 18) Methyl Acetate           | 2.703 | 43  | 304643  | 45.704  | ug/l # | 86 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 459854  | 51.638  | ug/l   | 95 |
| 20) Methylene Chloride       | 2.788 | 84  | 156861  | 49.735  | ug/l # | 82 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 152221  | 50.208  | ug/l   | 82 |
| 22) Diisopropyl ether        | 3.757 | 45  | 382653  | 50.901  | ug/l # | 88 |
| 23) Vinyl Acetate            | 3.721 | 43  | 1205667 | 225.954 | ug/l # | 89 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 247650  | 49.792  | ug/l   | 96 |
| 25) 2-Butanone               | 4.550 | 43  | 559285  | 246.765 | ug/l # | 85 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 140272  | 32.301  | ug/l   | 91 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 179296  | 51.213  | ug/l   | 80 |
| 28) Bromochloromethane       | 4.897 | 49  | 105926  | 47.390  | ug/l # | 56 |
| 29) Tetrahydrofuran          | 5.001 | 42  | 361366  | 256.264 | ug/l # | 80 |
| 30) Chloroform               | 5.092 | 83  | 286976  | 49.176  | ug/l   | 95 |
| 31) Cyclohexane              | 5.470 | 56  | 185490  | 45.115  | ug/l # | 83 |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 281235  | 54.761  | ug/l   | 95 |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 193014  | 46.062  | ug/l   | 93 |
| 37) Ethyl Acetate            | 4.714 | 43  | 188001  | 43.944  | ug/l # | 92 |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 229630  | 49.020  | ug/l   | 99 |
| 39) Methylcyclohexane        | 7.379 | 83  | 219757  | 41.946  | ug/l   | 89 |
| 40) Benzene                  | 6.037 | 78  | 585660  | 48.525  | ug/l   | 99 |

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 Operator : JC/MD  
 Sample : 05241-11MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 16:44:55 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   | 110642   | 50.763   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 218748   | 50.231   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 299772   | 45.577   | ug/l # | 90       |
| 44) Trichloroethene           | 7.123  | 130  | 756532   | 201.461  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 144448   | 49.509   | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 120739   | 49.484   | ug/l # | 84       |
| 47) Bromodichloromethane      | 7.824  | 83   | 224191   | 48.857   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 158624   | 50.043   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 77794    | 1078.081 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1089516  | 254.243  | ug/l   | 91       |
| 52) Toluene                   | 8.720  | 92   | 394160   | 49.854   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 221419   | 47.395   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 232541   | 47.151   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 172310   | 51.364   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 247799   | 52.796   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 264112   | 50.547   | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 866300   | 249.839  | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.518  | 129  | 196333   | 52.136   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 193749   | 51.390   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 156084   | 46.494   | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 456851   | 50.040   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 176926   | 51.550   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 759332   | 49.169   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 611598   | 99.784   | ug/l   | 94       |
| 69) o-Xylene                  | 10.640 | 106  | 298573   | 50.093   | ug/l   | 95       |
| 70) Styrene                   | 10.652 | 104  | 501071   | 50.936   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 159014   | 52.492   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 779463   | 49.109   | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 246527   | 44.702   | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 279600   | 50.955   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 293879   | 57.355   | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 214174   | 49.166   | ug/l   | 81       |
| 78) n-propylbenzene           | 11.305 | 91   | 886153   | 47.977   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 531948   | 48.105   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 673871   | 49.330   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 68988    | 42.806   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 630948   | 48.840   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 679090   | 49.061   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 675955   | 49.891   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 823912   | 47.703   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 708341   | 48.143   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 401884   | 48.255   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 407913   | 47.651   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 600450   | 45.860   | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 122916   | 49.320   | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 397049   | 48.816   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 68562    | 49.715   | ug/l   | 61       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 276473   | 47.524   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 112952   | 44.996   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 893701   | 50.929   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 274528   | 47.877   | ug/l   | 97       |

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Operator : JC/MD  
Sample : 05241-11MSD  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 53 Sample Multiplier: 1

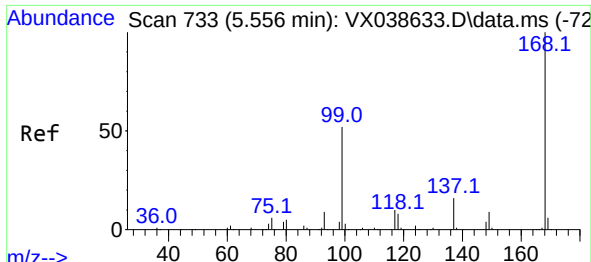
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 10 16:44:55 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) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

Quant Time: Nov 10 16:44:55 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

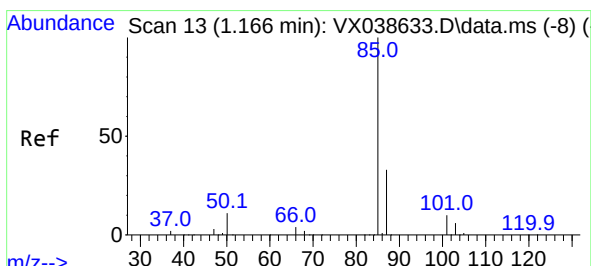
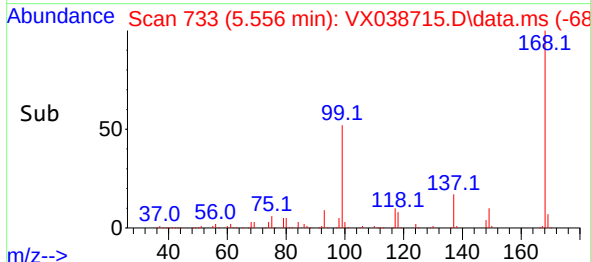
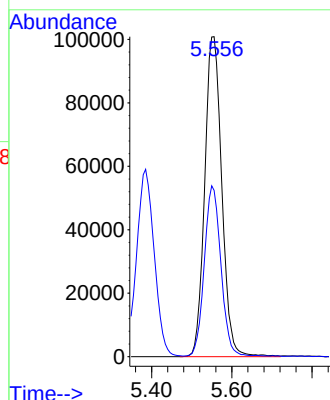
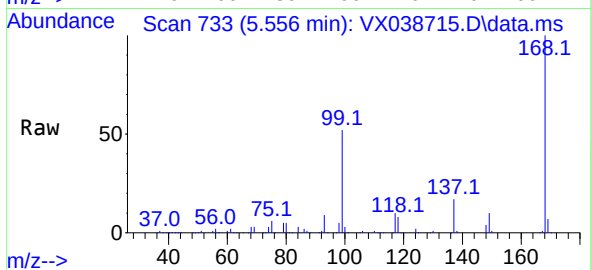




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

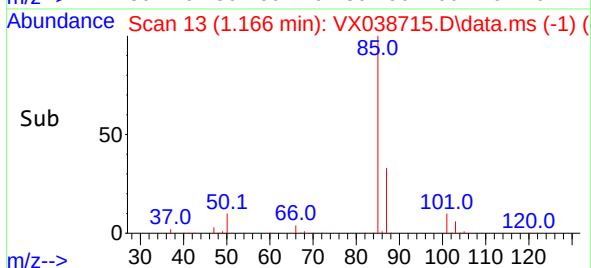
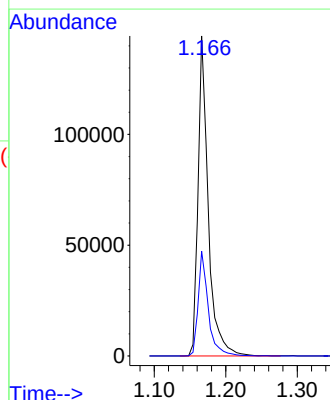
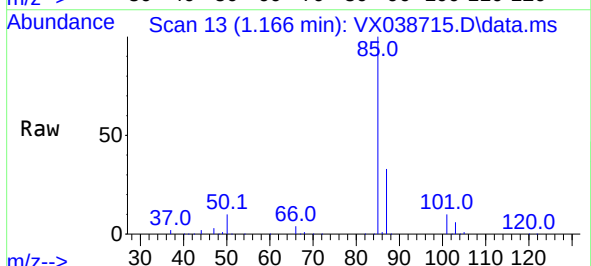
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:168 Resp: 298400  
Ion Ratio Lower Upper  
168 100  
99 51.8 56.6 85.0#

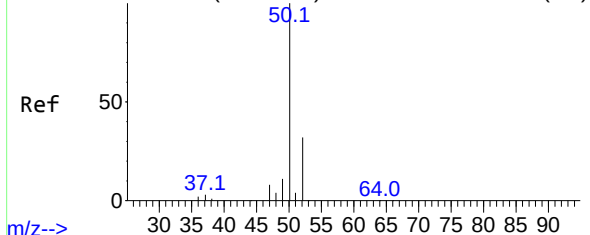


#2  
Dichlorodifluoromethane  
Concen: 46.004 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 85 Resp: 142560  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1



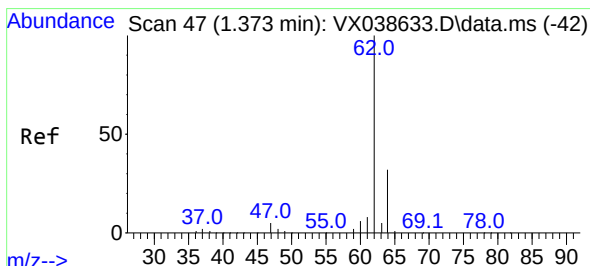
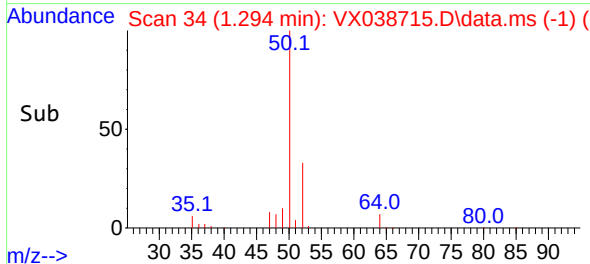
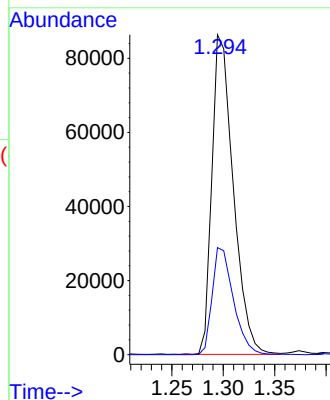
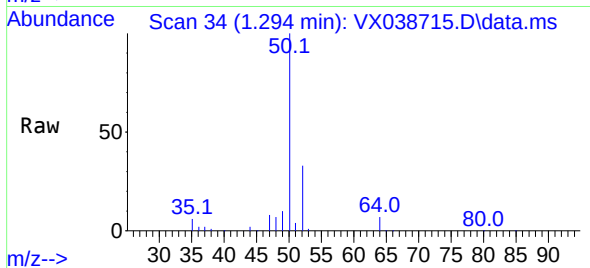
Abundance Scan 35 (1.300 min): VX038633.D\data.ms (-30)



#3  
Chloromethane  
Concen: 46.586 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

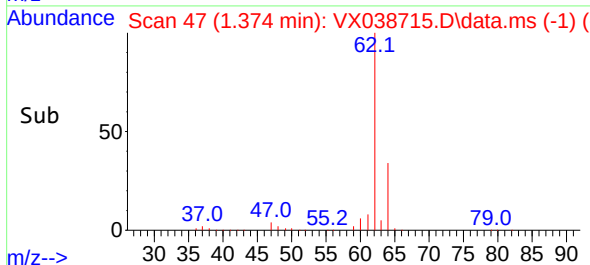
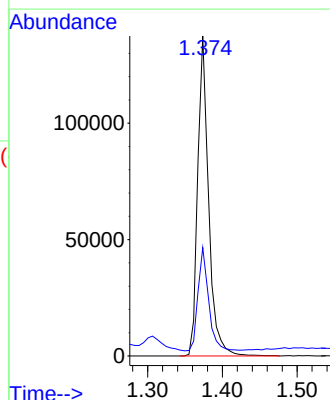
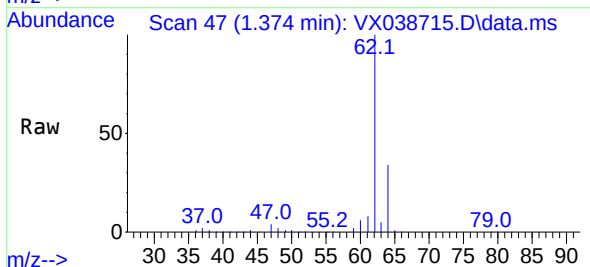
Instrument :  
MSVOA\_X  
ClientSampleId :

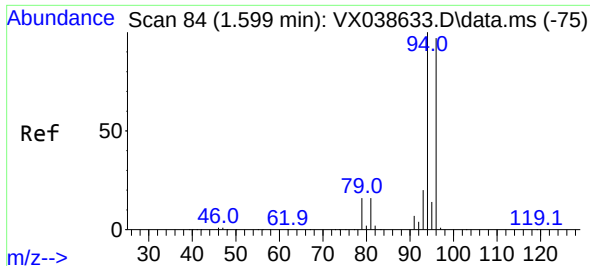
Tgt Ion: 50 Resp: 124778  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.5 38.3



#4  
Vinyl Chloride  
Concen: 48.927 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

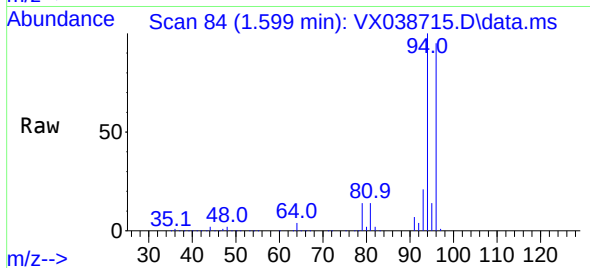
Tgt Ion: 62 Resp: 139508  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.4 38.0



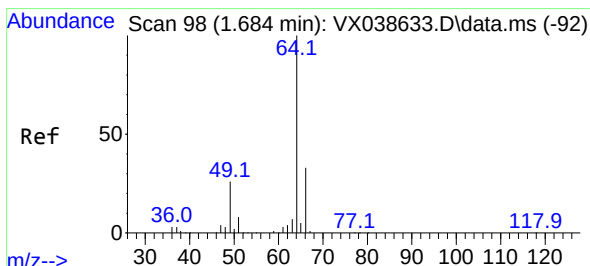
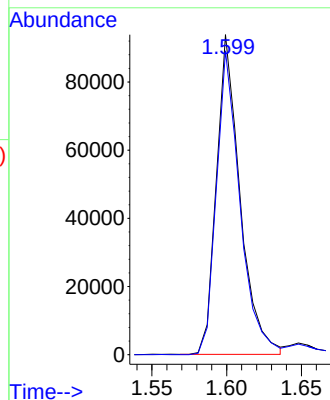
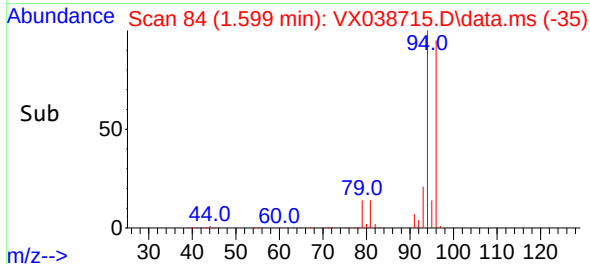


#5  
Bromomethane  
Concen: 46.772 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

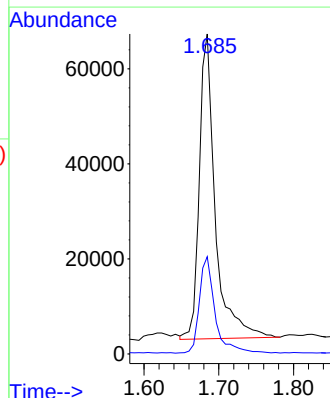
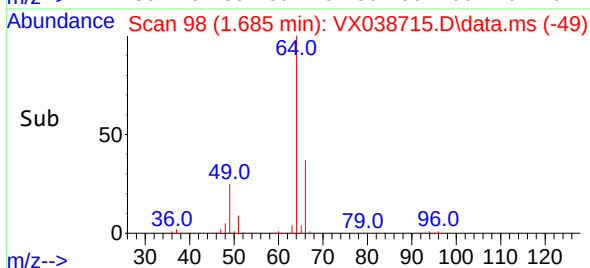
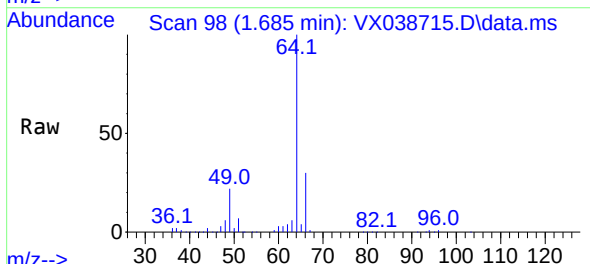


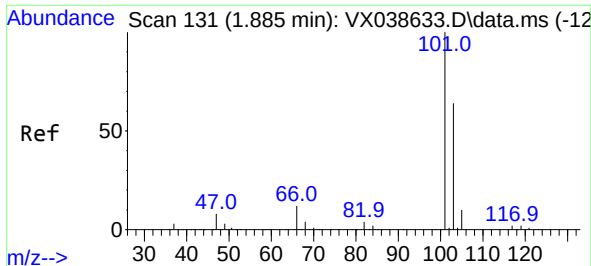
Tgt Ion: 94 Resp: 102936  
Ion Ratio Lower Upper  
94 100  
96 95.0 74.6 111.8



#6  
Chloroethane  
Concen: 52.391 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 64 Resp: 94587  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.1 37.7

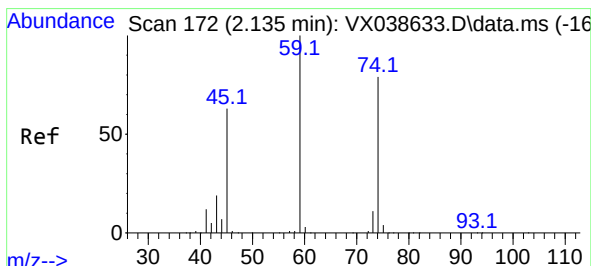
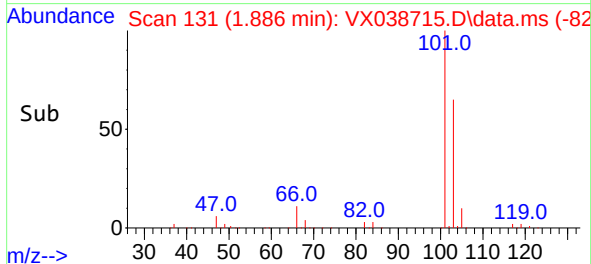
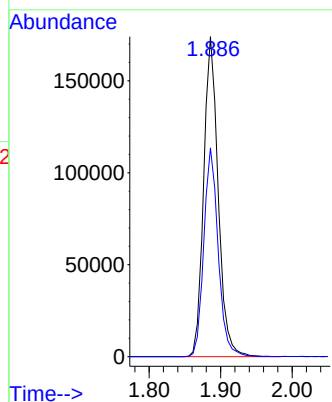
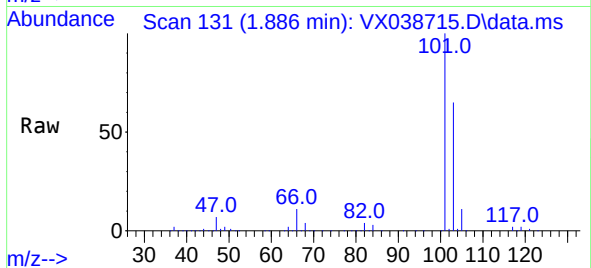




#7  
Trichlorofluoromethane  
Concen: 50.040 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

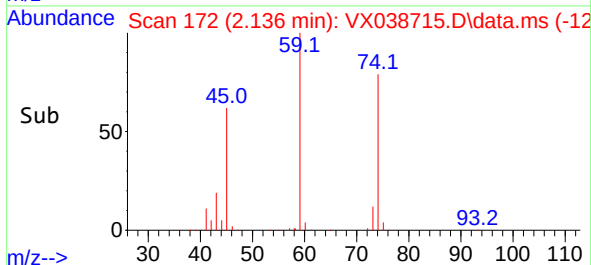
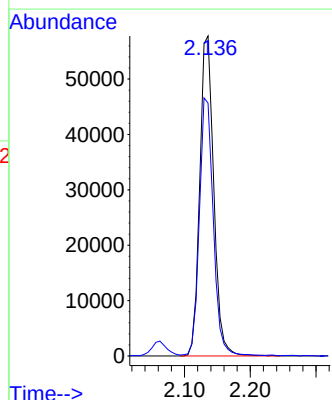
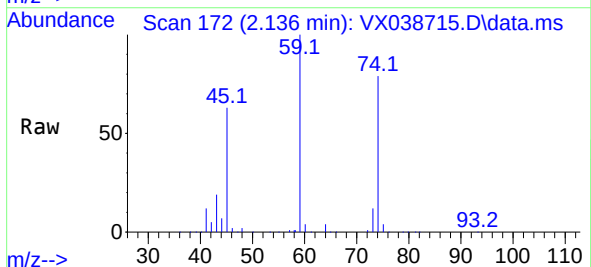
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 245988  
Ion Ratio Lower Upper  
101 100  
103 65.2 51.4 77.2

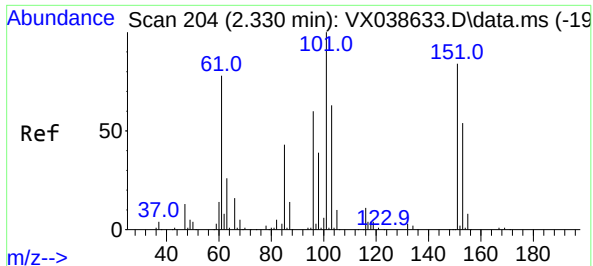


#8  
Diethyl Ether  
Concen: 50.571 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 74 Resp: 85340  
Ion Ratio Lower Upper  
74 100  
45 80.1 53.3 159.8



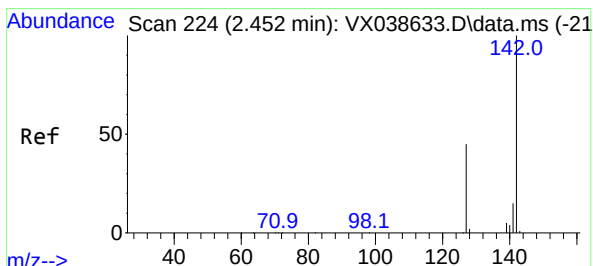
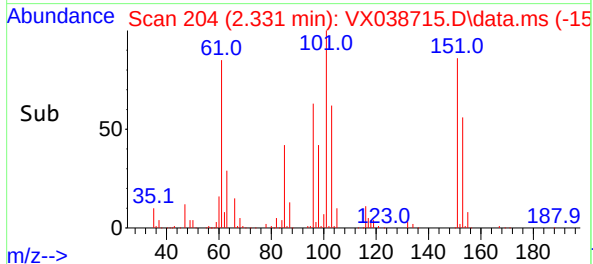
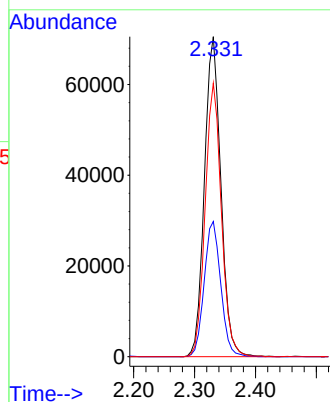
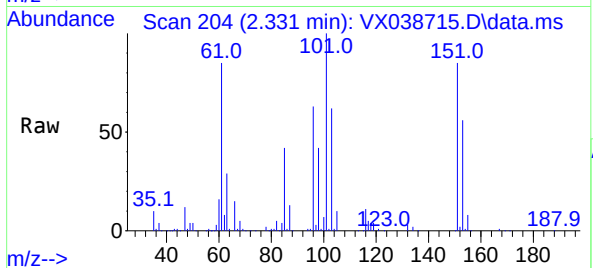




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.565 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

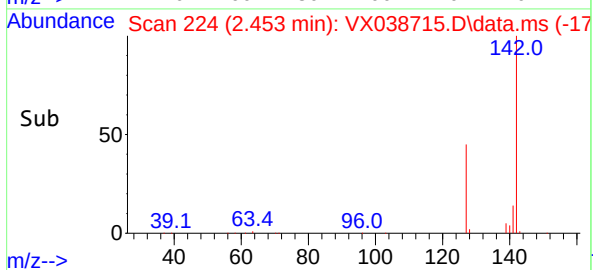
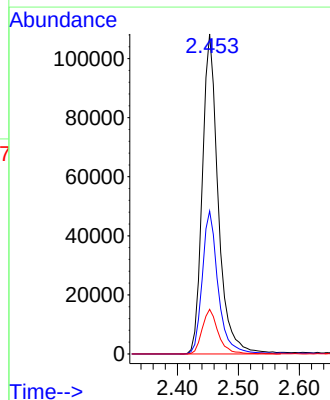
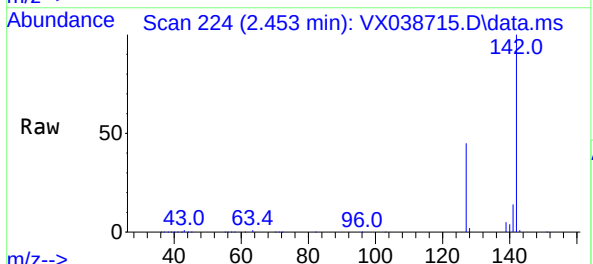
Instrument :  
MSVOA\_X  
ClientSampleId :

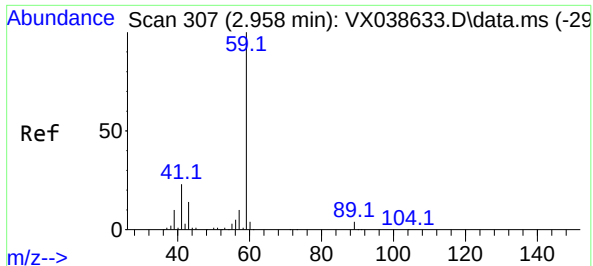
Tgt Ion:101 Resp: 132440  
Ion Ratio Lower Upper  
101 100  
85 42.5 37.0 55.6  
151 84.4 58.6 87.8



#10  
Methyl Iodide  
Concen: 54.793 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:142 Resp: 196690  
Ion Ratio Lower Upper  
142 100  
127 44.4 41.6 62.4  
141 14.0 11.6 17.4

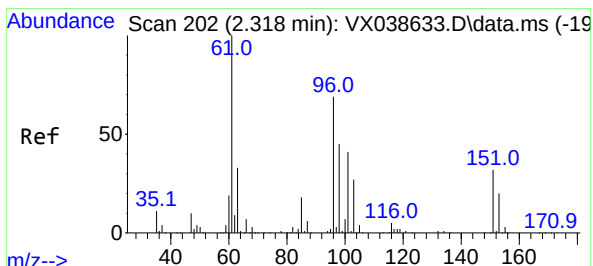
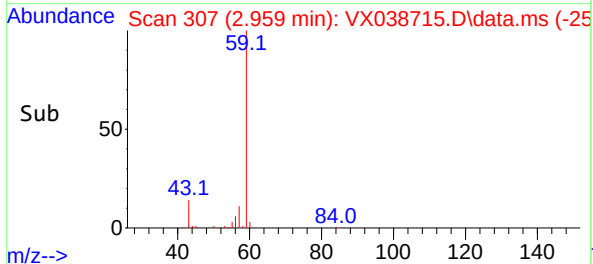
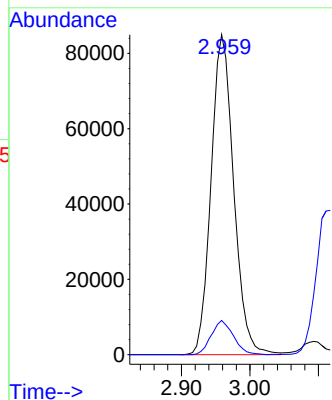
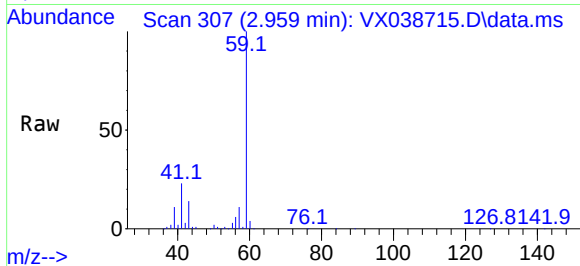




#11  
Tert butyl alcohol  
Concen: 256.065 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

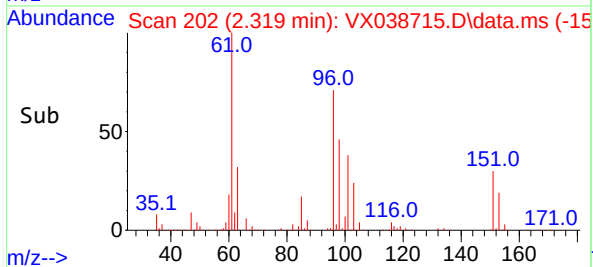
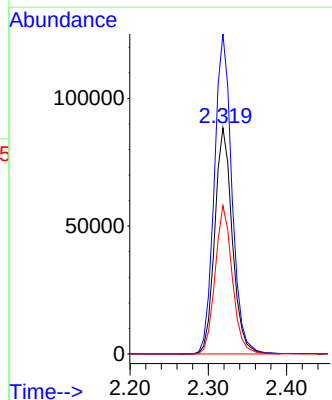
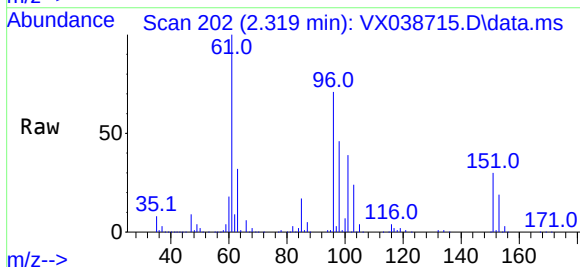
Instrument :  
MSVOA\_X  
ClientSampleId :

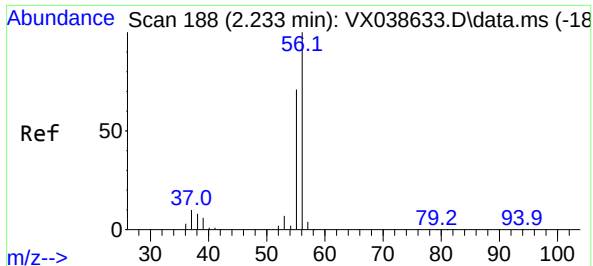
Tgt Ion: 59 Resp: 194466  
Ion Ratio Lower Upper  
59 100  
57 10.5 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 49.304 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 96 Resp: 137303  
Ion Ratio Lower Upper  
96 100  
61 141.5 144.6 216.8#  
98 65.6 50.4 75.6

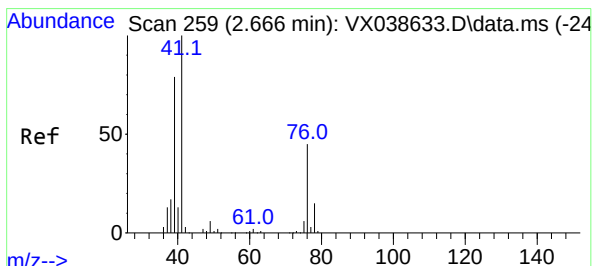
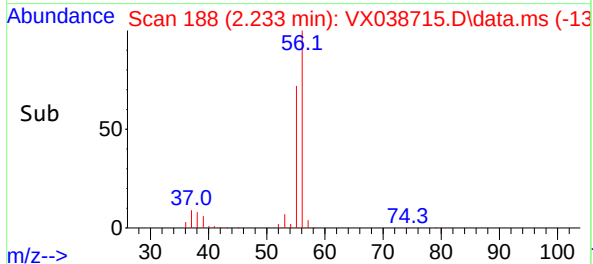
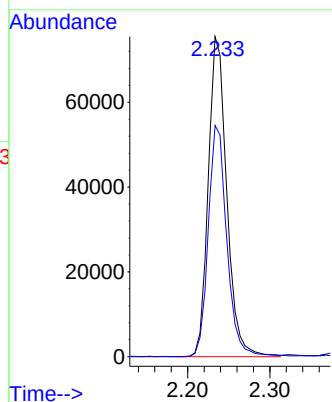
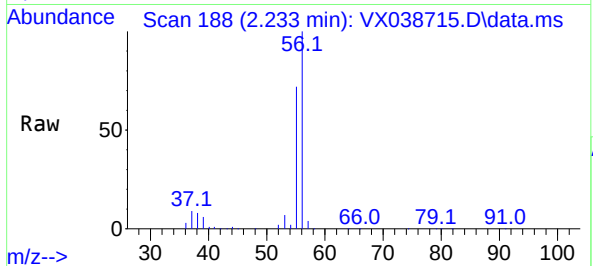




#13  
Acrolein  
Concen: 204.794 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

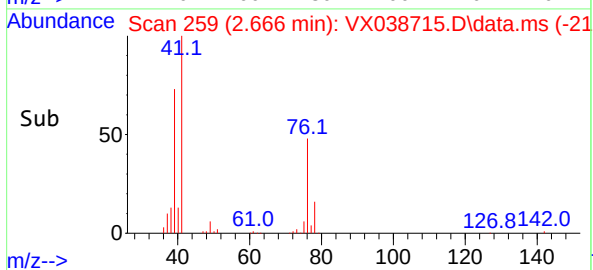
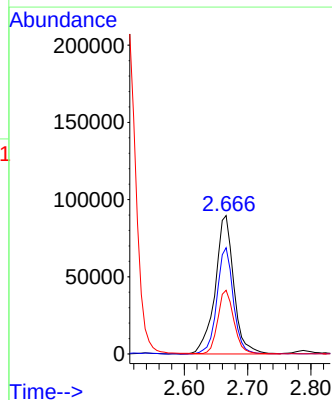
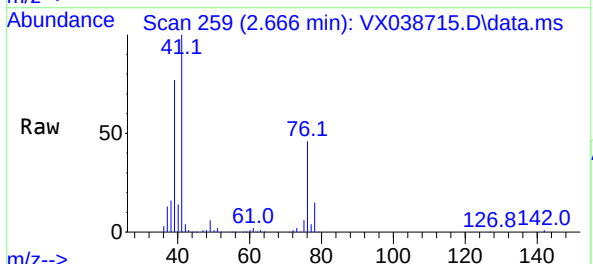
Instrument :  
MSVOA\_X  
ClientSampleId :

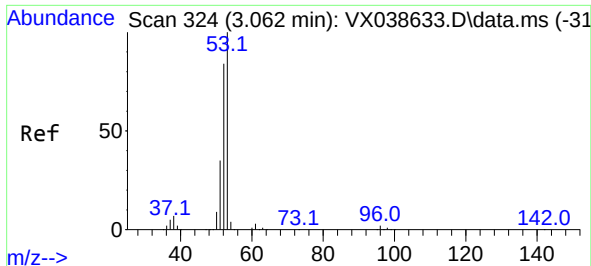
Tgt Ion: 56 Resp: 117879  
Ion Ratio Lower Upper  
56 100  
55 72.8 57.1 85.7



#14  
Allyl chloride  
Concen: 46.041 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 41 Resp: 183647  
Ion Ratio Lower Upper  
41 100  
39 67.5 55.8 83.6  
76 39.5 24.3 36.5#

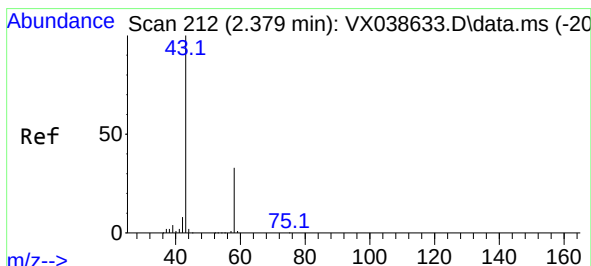
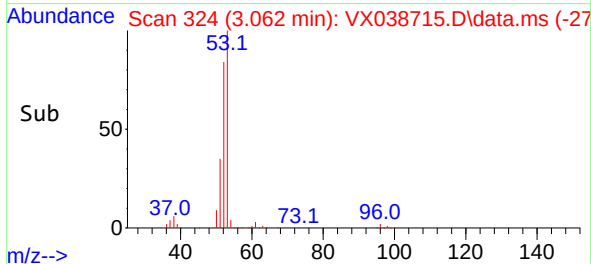
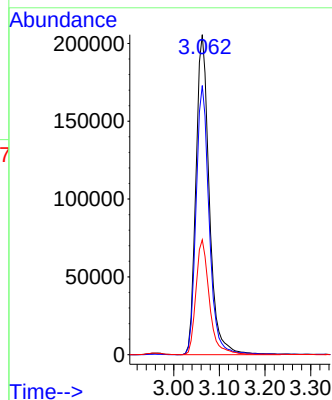
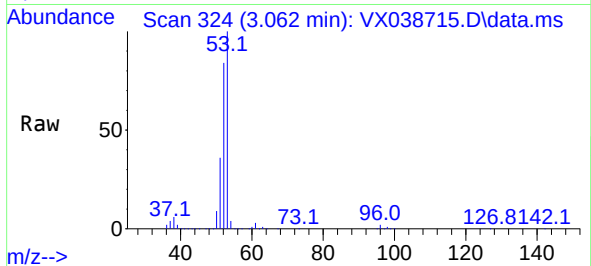




#15  
Acrylonitrile  
Concen: 260.604 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

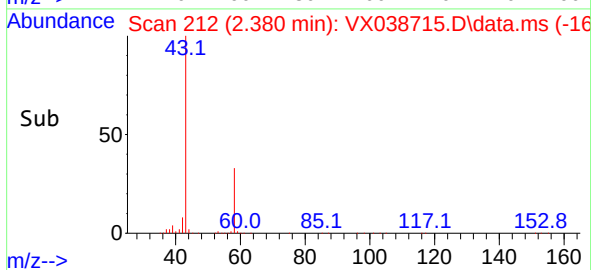
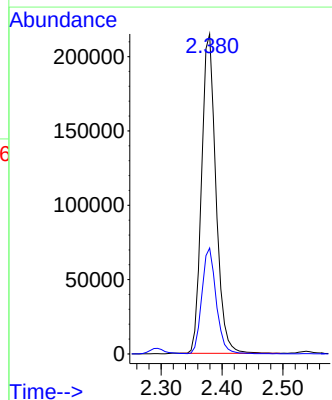
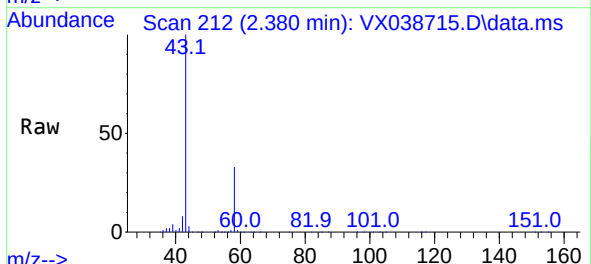
Instrument :  
MSVOA\_X  
ClientSampleId :

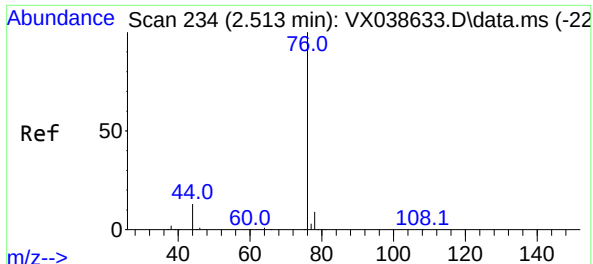
Tgt Ion: 53 Resp: 417678  
Ion Ratio Lower Upper  
53 100  
52 82.8 66.0 99.0  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 224.939 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 43 Resp: 351931  
Ion Ratio Lower Upper  
43 100  
58 33.1 21.9 32.9#

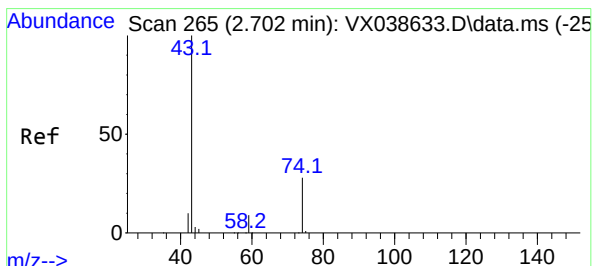
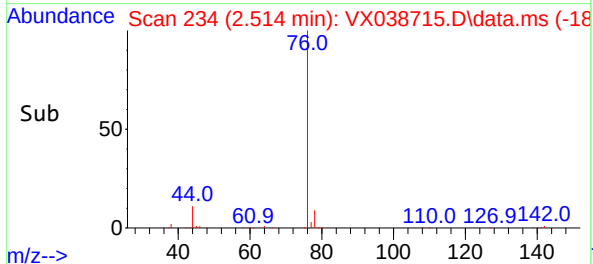
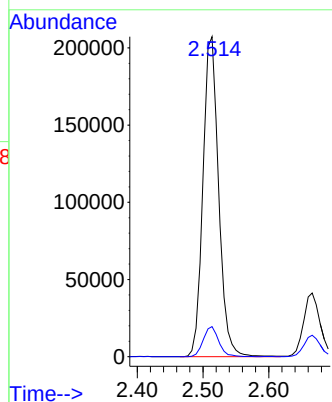
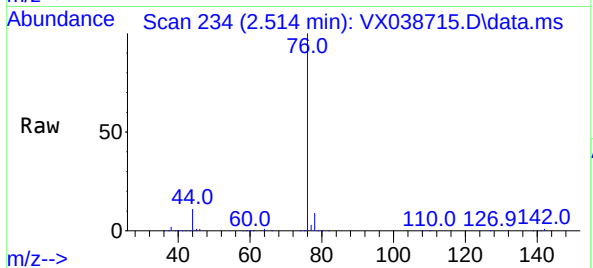




#17  
Carbon Disulfide  
Concen: 46.518 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

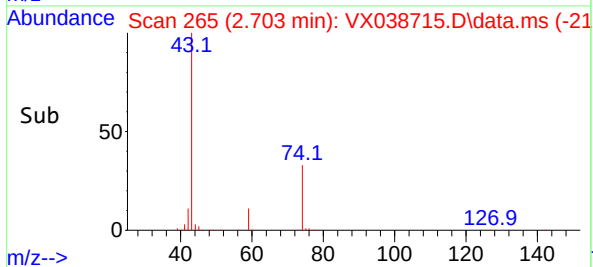
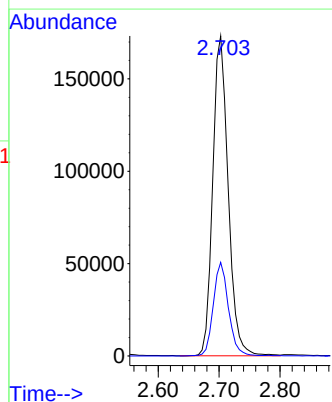
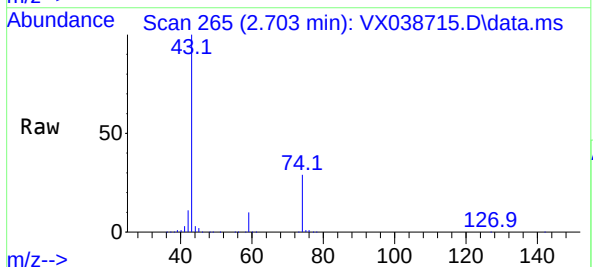
Instrument :  
MSVOA\_X  
ClientSampleId :

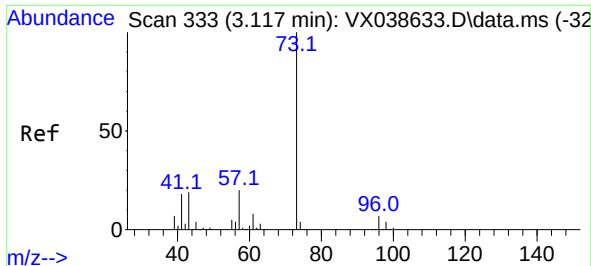
Tgt Ion: 76 Resp: 344213  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 45.704 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

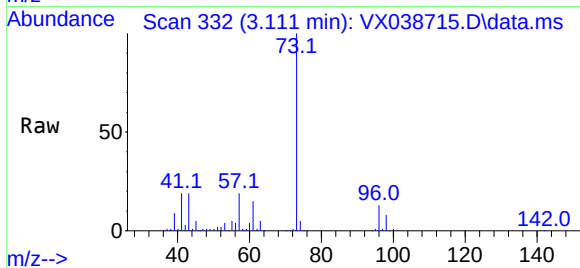
Tgt Ion: 43 Resp: 304643  
Ion Ratio Lower Upper  
43 100  
74 28.9 17.8 26.8#



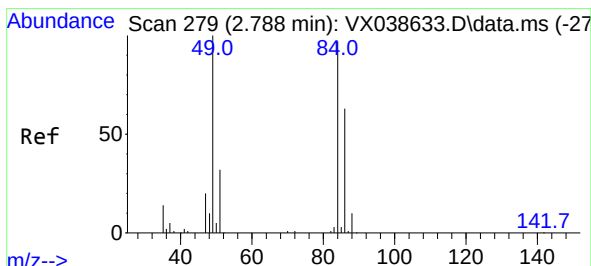
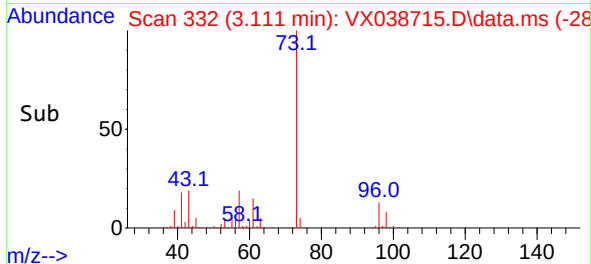
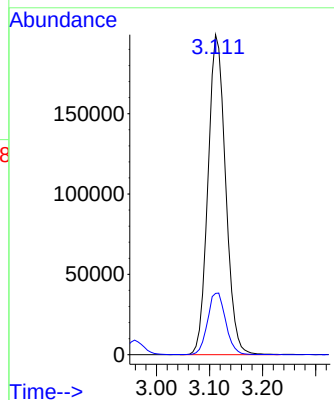


#19  
Methyl tert-butyl Ether  
Concen: 51.638 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

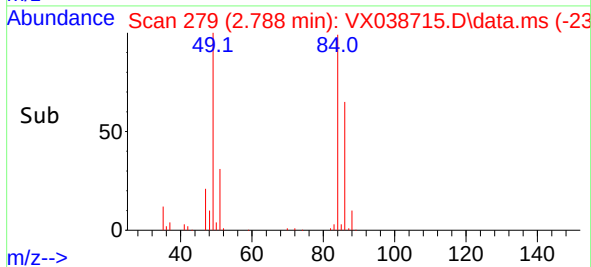
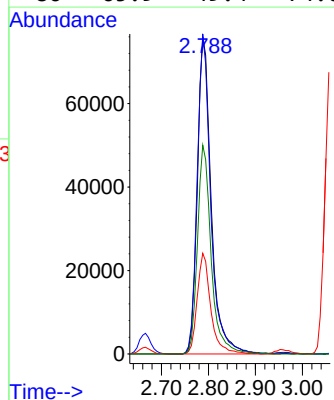
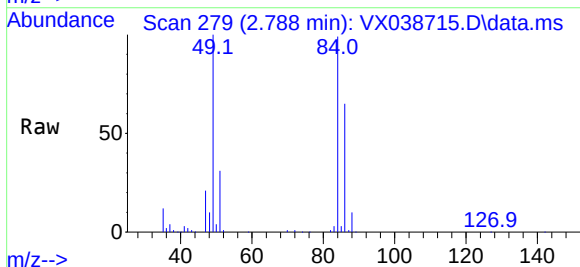


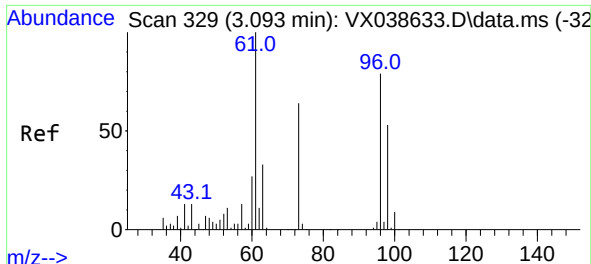
Tgt Ion: 73 Resp: 459854  
Ion Ratio Lower Upper  
73 100  
57 19.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 49.735 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

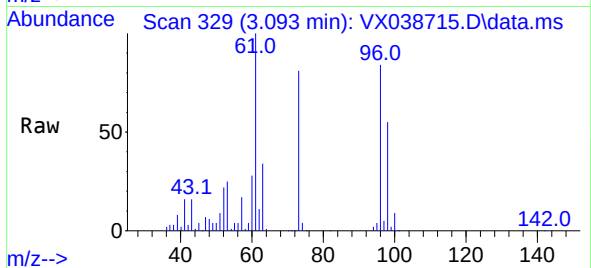
Tgt Ion: 84 Resp: 156861  
Ion Ratio Lower Upper  
84 100  
49 101.0 103.6 155.4#  
51 31.8 33.8 50.6#  
86 65.9 49.4 74.0



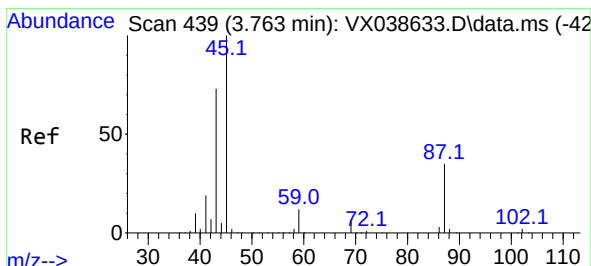
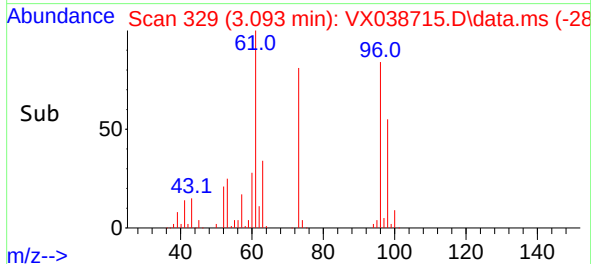
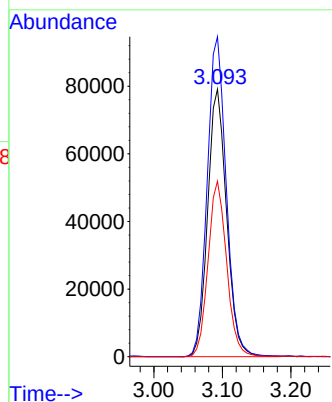


#21  
trans-1,2-Dichloroethene  
Concen: 50.208 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

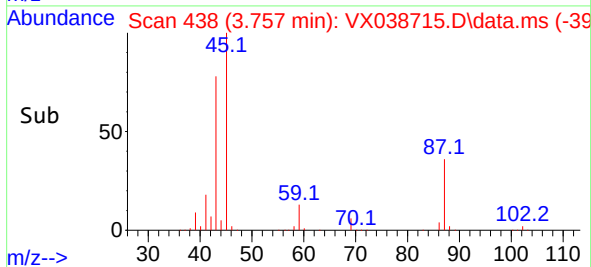
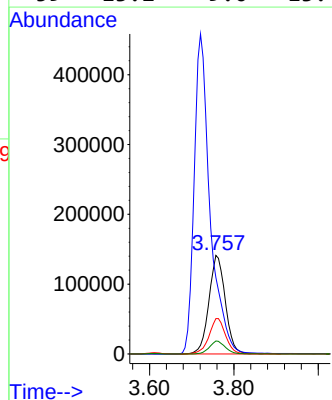
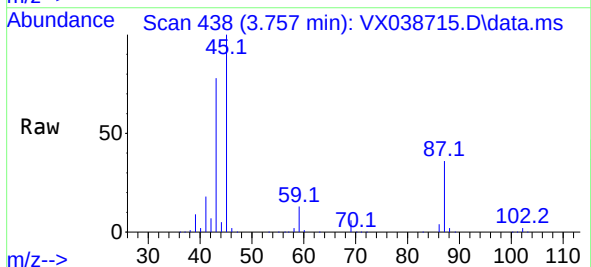


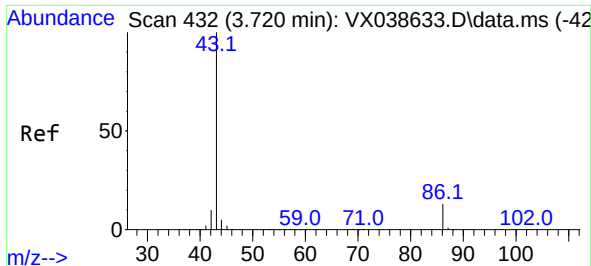
Tgt Ion: 96 Resp: 152221  
Ion Ratio Lower Upper  
96 100  
61 119.6 119.2 178.8  
98 65.6 48.7 73.1



#22  
Diisopropyl ether  
Concen: 50.901 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 45 Resp: 382653  
Ion Ratio Lower Upper  
45 100  
43 77.4 69.7 104.5  
87 35.8 20.8 31.2#  
59 13.2 9.0 13.4

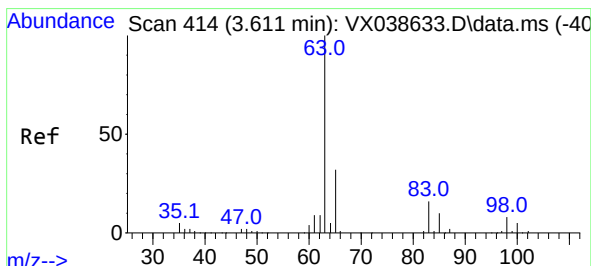
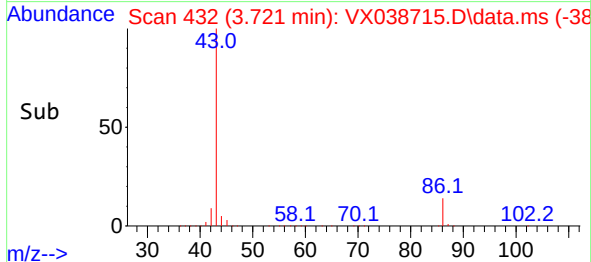
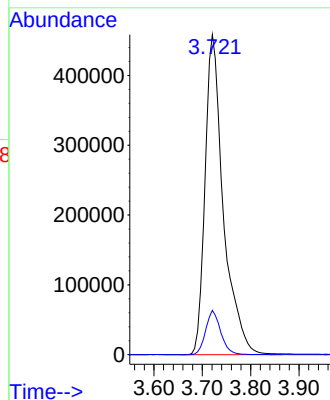
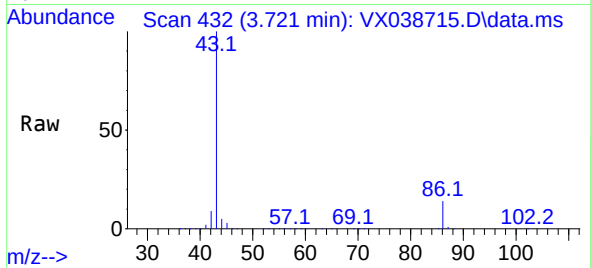




#23  
 Vinyl Acetate  
 Concen: 225.954 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX038715.D  
 Acq: 10 Nov 2023 09:16

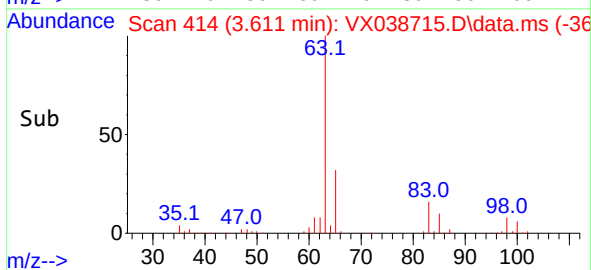
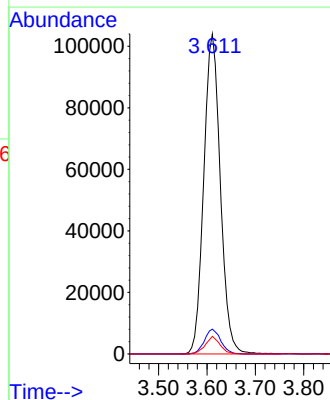
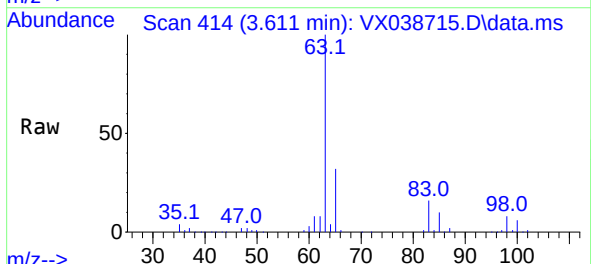
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 1205667  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 7.8 11.8#

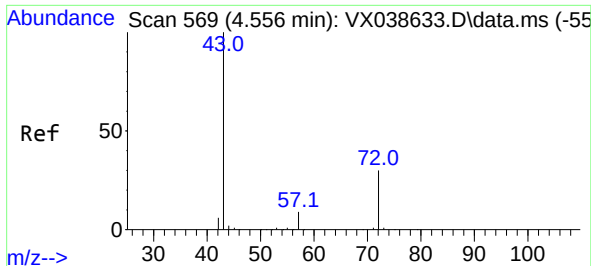


#24  
 1,1-Dichloroethane  
 Concen: 49.792 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038715.D  
 Acq: 10 Nov 2023 09:16

Tgt Ion: 63 Resp: 247650  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.3 9.8  
 100 5.5 2.1 6.5







#25

2-Butanone

Concen: 246.765 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038715.D

Acq: 10 Nov 2023 09:16

Instrument :

MSVOA\_X

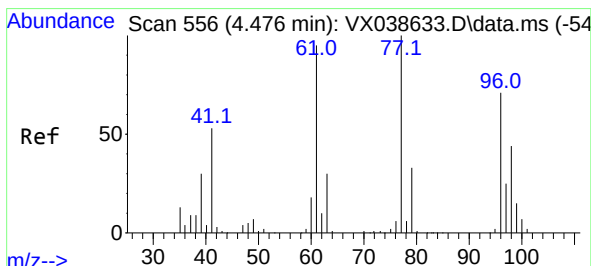
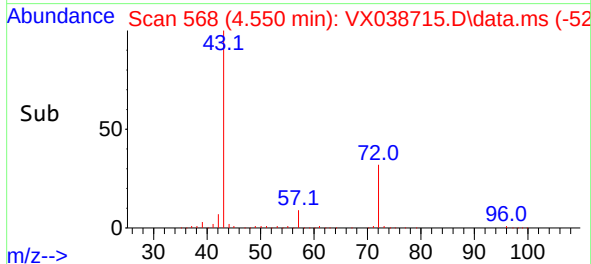
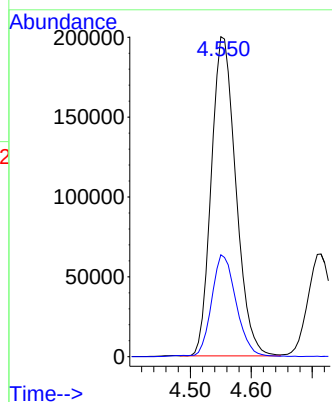
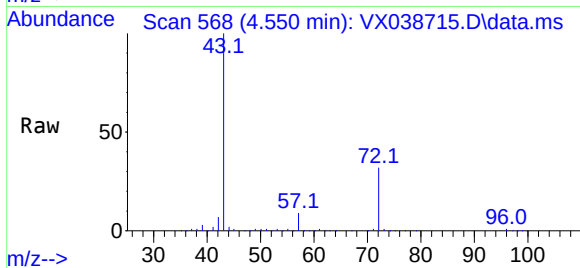
ClientSampleId :

Tgt Ion: 43 Resp: 559285

Ion Ratio Lower Upper

43 100

72 31.8 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 32.301 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038715.D

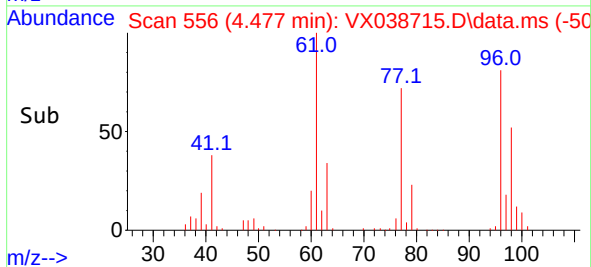
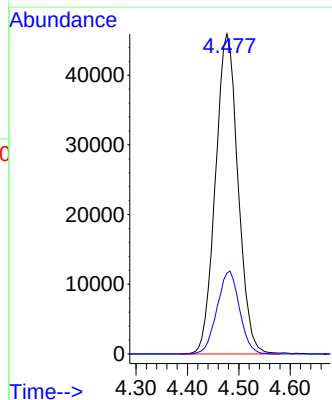
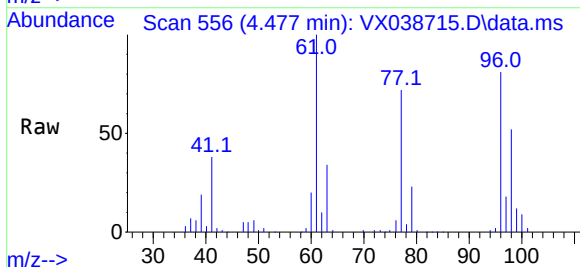
Acq: 10 Nov 2023 09:16

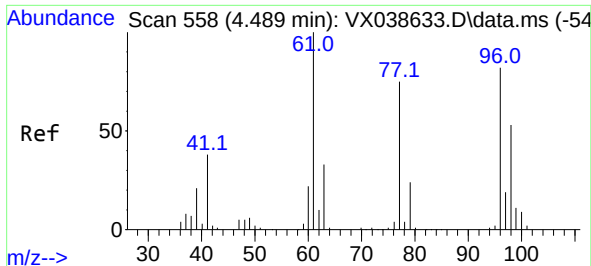
Tgt Ion: 77 Resp: 140272

Ion Ratio Lower Upper

77 100

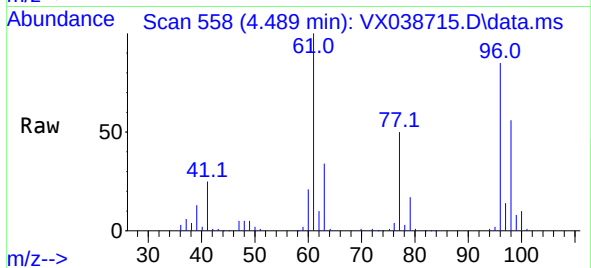
97 25.7 10.8 32.3



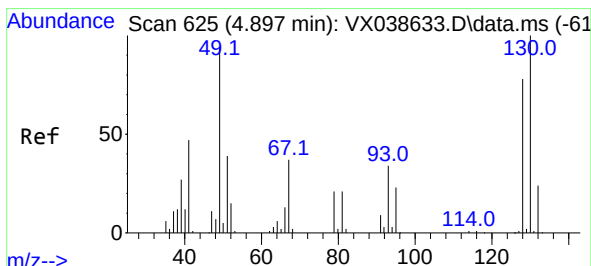
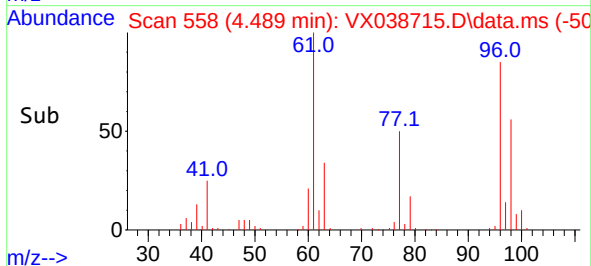
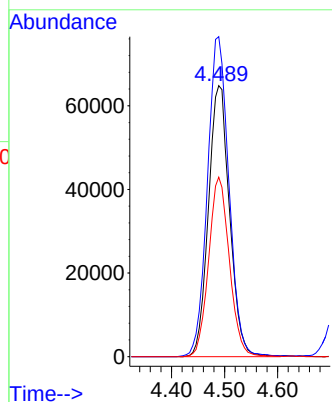


#27  
cis-1,2-Dichloroethene  
Concen: 51.213 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

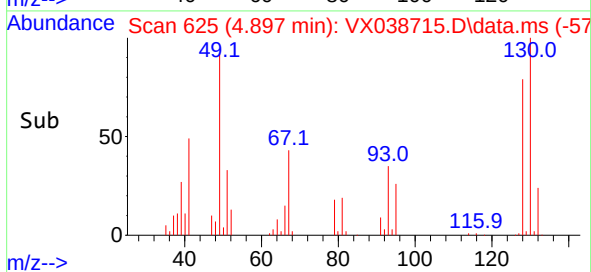
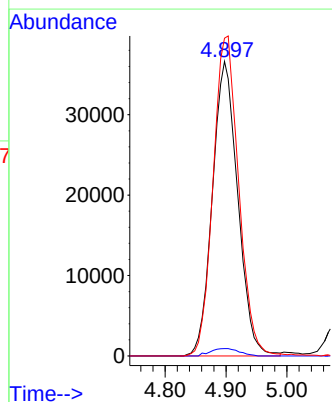
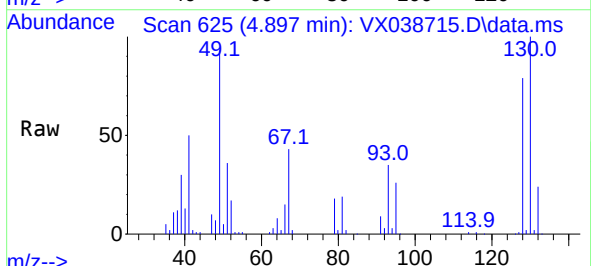


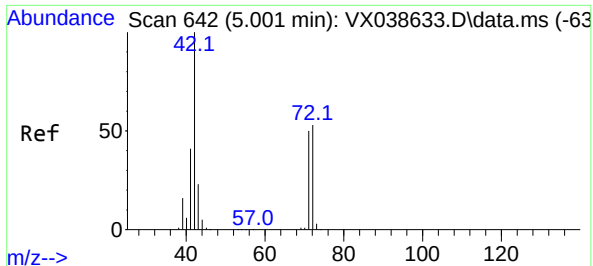
Tgt Ion: 96 Resp: 179296  
Ion Ratio Lower Upper  
96 100  
61 120.2 0.0 312.2  
98 65.0 0.0 129.0



#28  
Bromochloromethane  
Concen: 47.390 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 49 Resp: 105926  
Ion Ratio Lower Upper  
49 100  
129 2.9 0.0 3.8  
130 109.6 57.5 86.3#

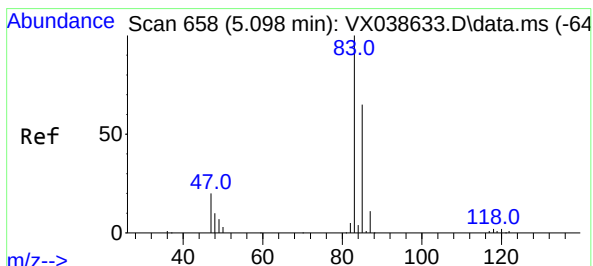
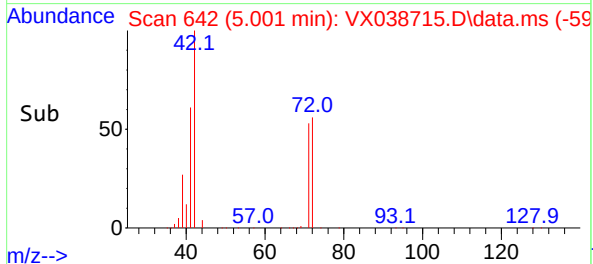
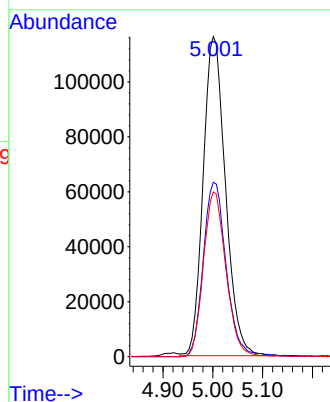
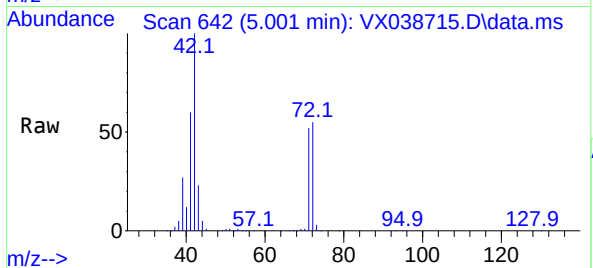




#29  
Tetrahydrofuran  
Concen: 256.264 ug/l  
RT: 5.001 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

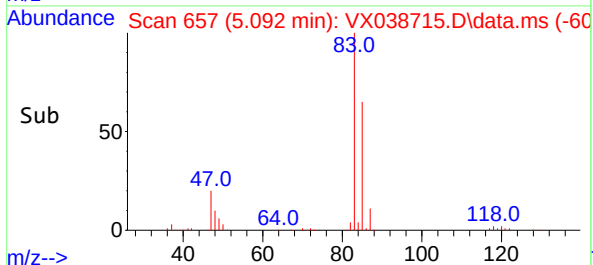
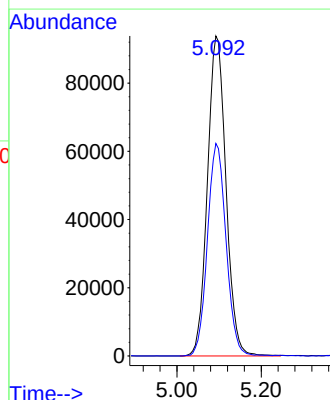
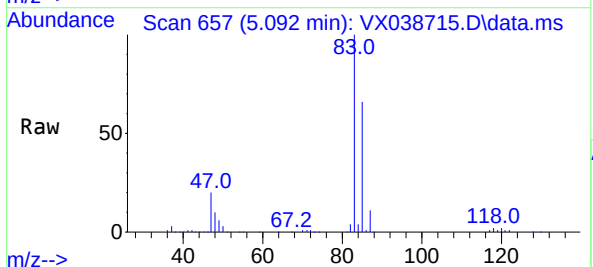
Instrument :  
MSVOA\_X  
ClientSampleId :

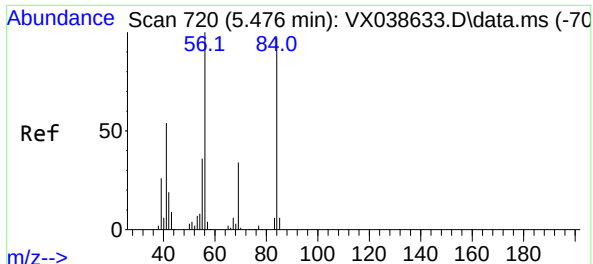
Tgt Ion: 42 Resp: 361366  
Ion Ratio Lower Upper  
42 100  
72 56.3 34.2 51.4#  
71 51.9 32.2 48.2#



#30  
Chloroform  
Concen: 49.176 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

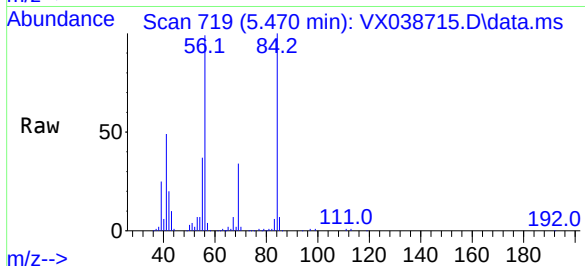
Tgt Ion: 83 Resp: 286976  
Ion Ratio Lower Upper  
83 100  
85 66.4 50.3 75.5



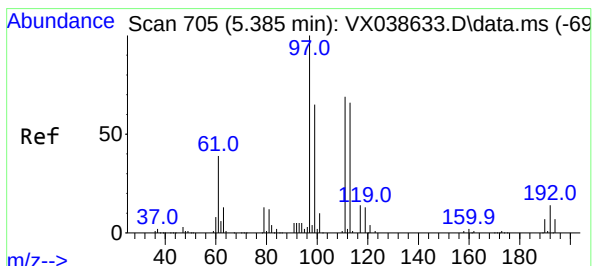
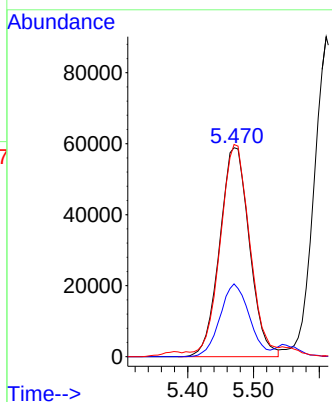
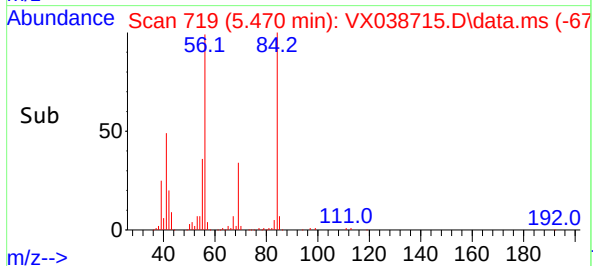


#31  
Cyclohexane  
Concen: 45.115 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

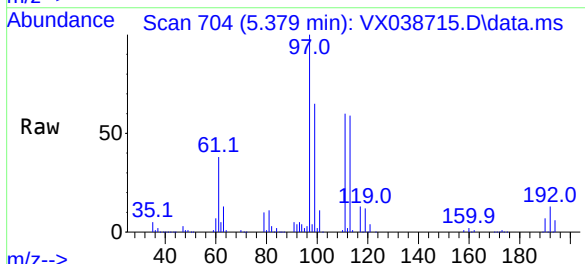
Instrument :  
MSVOA\_X  
ClientSampleId :



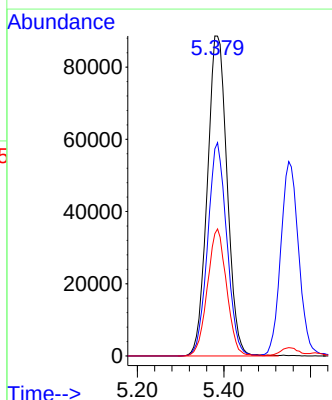
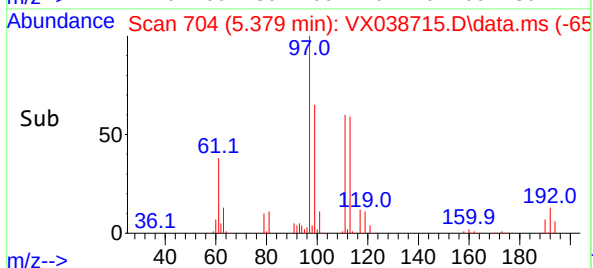
Tgt Ion: 56 Resp: 185490  
Ion Ratio Lower Upper  
56 100  
69 34.8 23.4 35.2  
84 99.2 65.9 98.9#

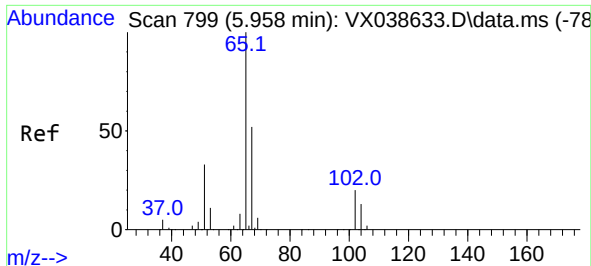


#32  
1,1,1-Trichloroethane  
Concen: 54.761 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16



Tgt Ion: 97 Resp: 281235  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.1 76.7  
61 38.5 36.4 54.6

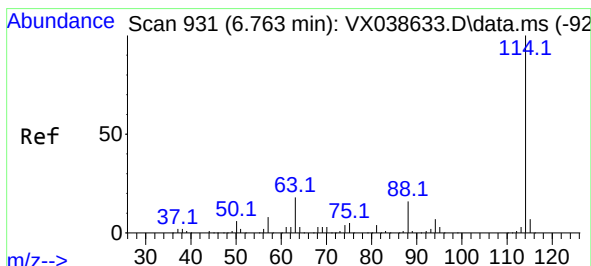
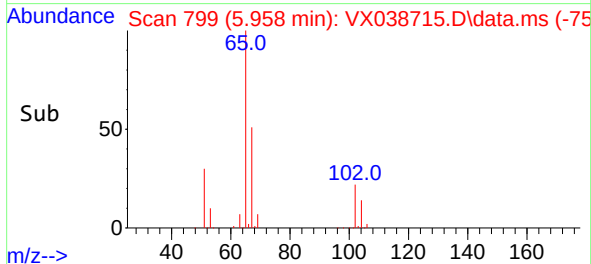
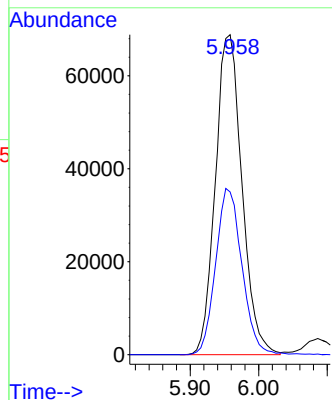
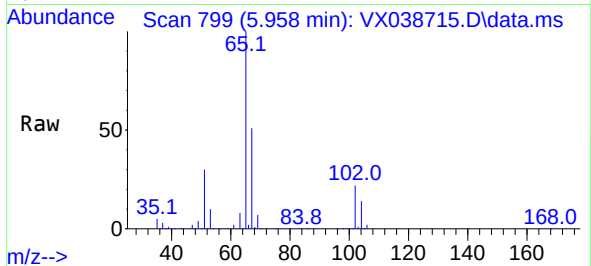




#33  
1,2-Dichloroethane-d4  
Concen: 49.888 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

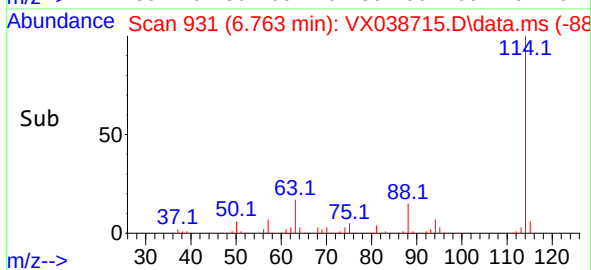
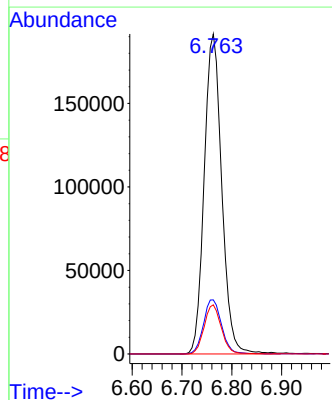
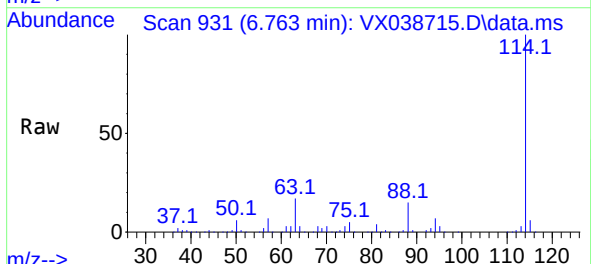
Instrument :  
MSVOA\_X  
ClientSampleId :

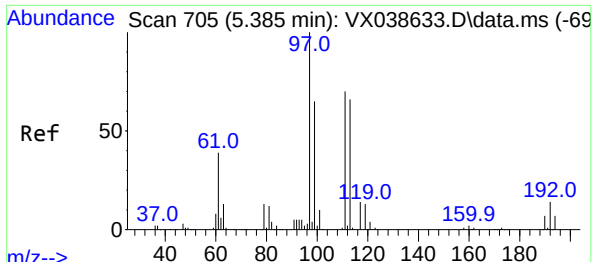
Tgt Ion: 65 Resp: 185331  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

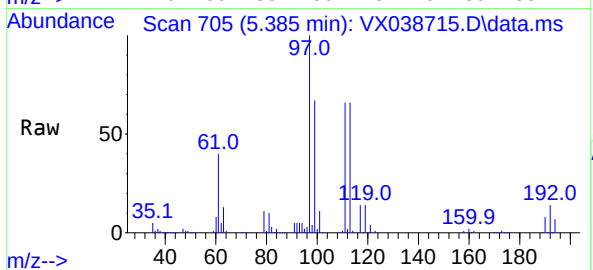
Tgt Ion:114 Resp: 468365  
Ion Ratio Lower Upper  
114 100  
63 16.9 0.0 45.0  
88 15.3 0.0 36.6



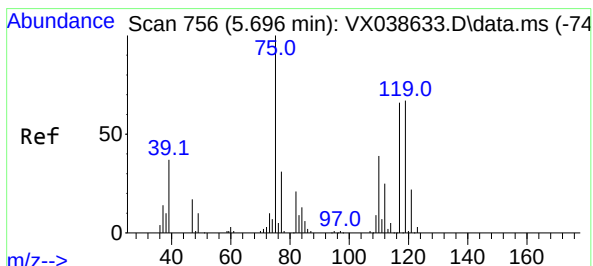
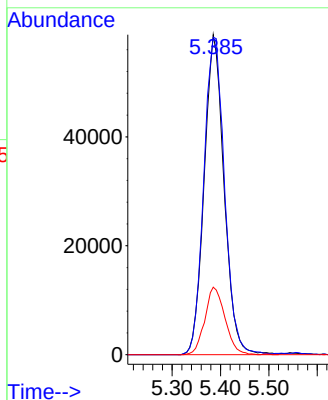
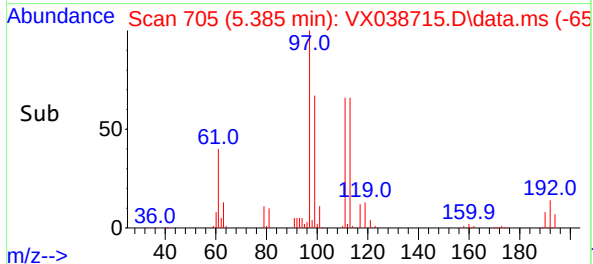


#35  
Dibromofluoromethane  
Concen: 49.786 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

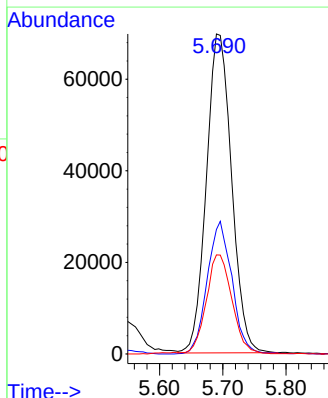
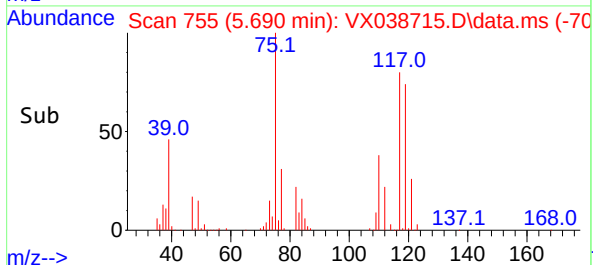
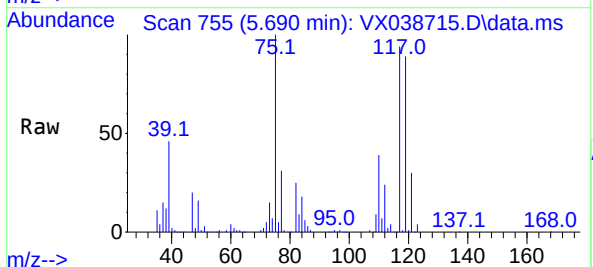


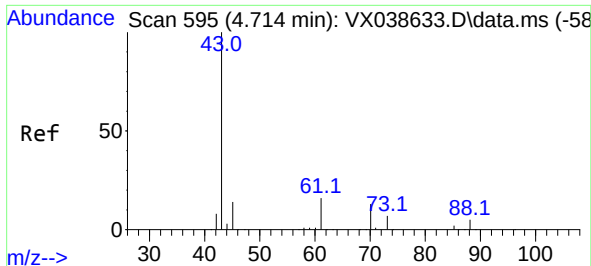
Tgt Ion:113 Resp: 167942  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 21.4 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 46.062 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 75 Resp: 193014  
Ion Ratio Lower Upper  
75 100  
110 40.9 17.0 50.9  
77 31.4 24.7 37.1

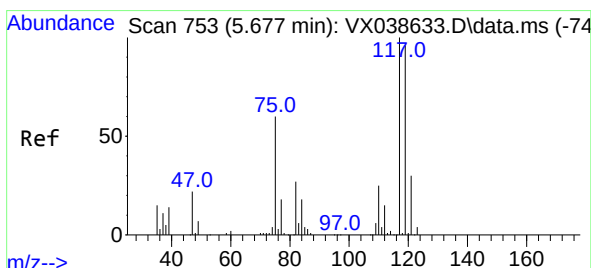
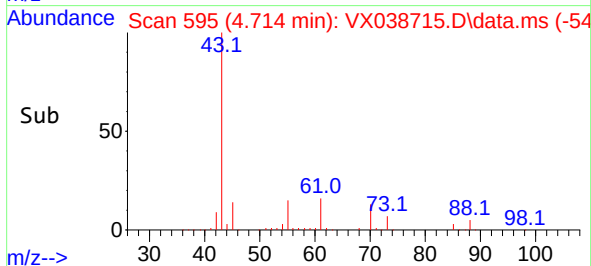
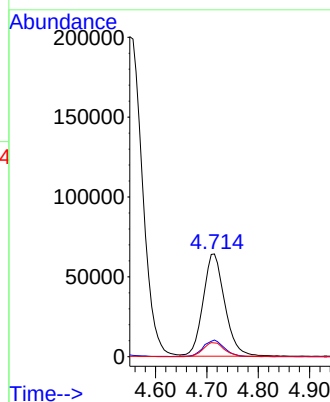
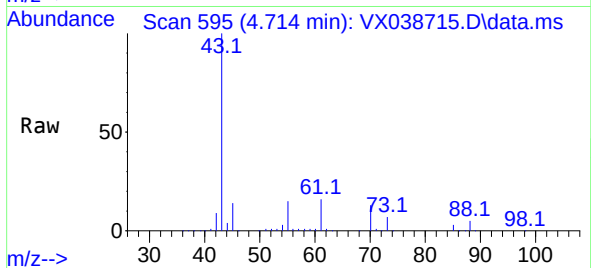




#37  
Ethyl Acetate  
Concen: 43.944 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

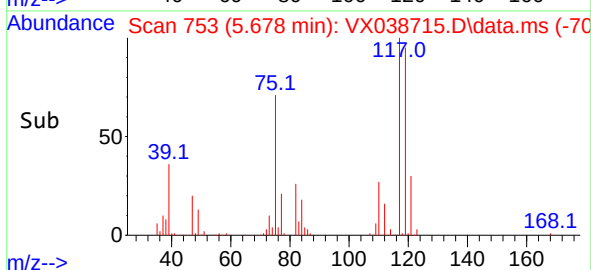
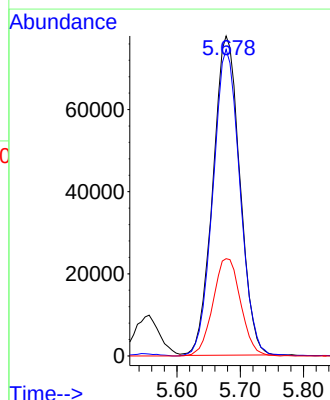
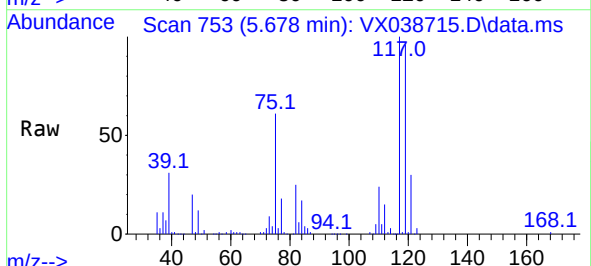
Instrument :  
MSVOA\_X  
ClientSampleId :

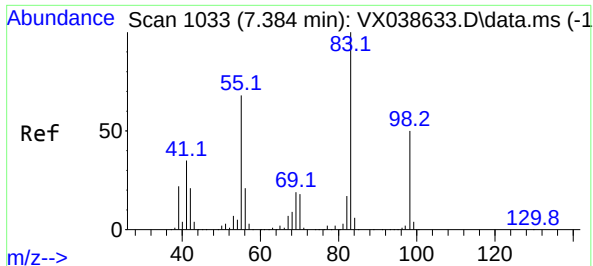
Tgt Ion: 43 Resp: 188001  
Ion Ratio Lower Upper  
43 100  
61 16.1 10.6 16.0#  
70 13.6 8.3 12.5#



#38  
Carbon Tetrachloride  
Concen: 49.020 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:117 Resp: 229630  
Ion Ratio Lower Upper  
117 100  
119 96.1 78.2 117.2  
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 41.946 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX038715.D

Acq: 10 Nov 2023 09:16

Instrument :

MSVOA\_X

ClientSampleId :

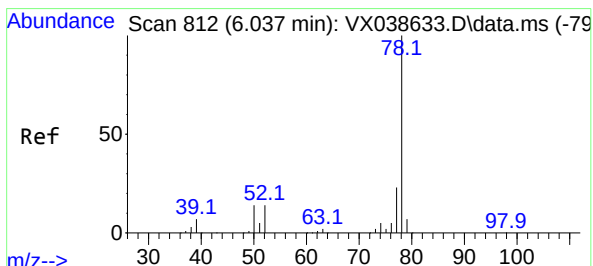
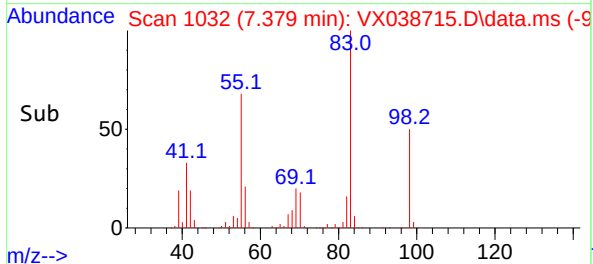
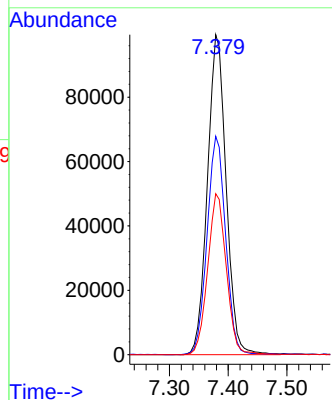
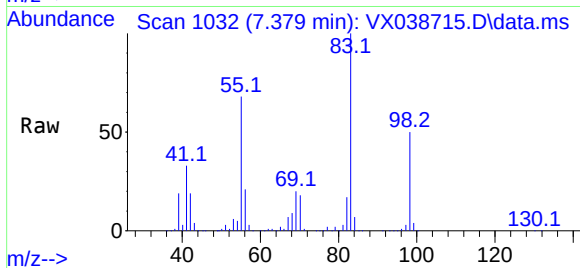
Tgt Ion: 83 Resp: 219757

Ion Ratio Lower Upper

83 100

55 68.2 64.6 97.0

98 50.3 36.7 55.1



#40

Benzene

Concen: 48.525 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038715.D

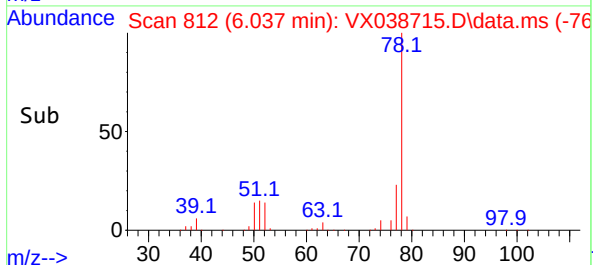
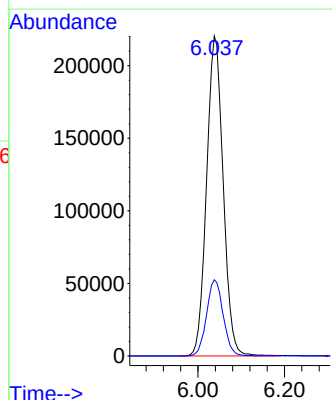
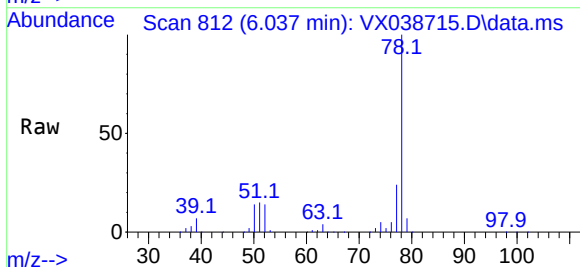
Acq: 10 Nov 2023 09:16

Tgt Ion: 78 Resp: 585660

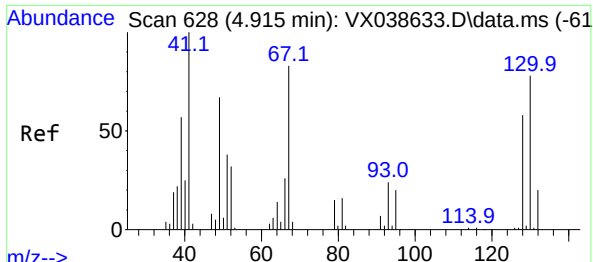
Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

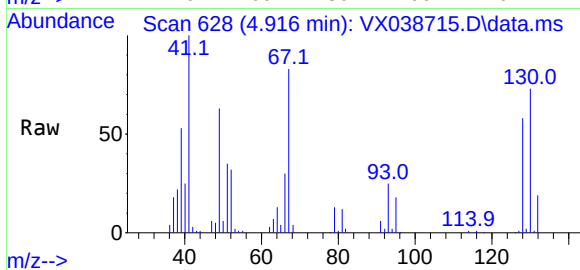






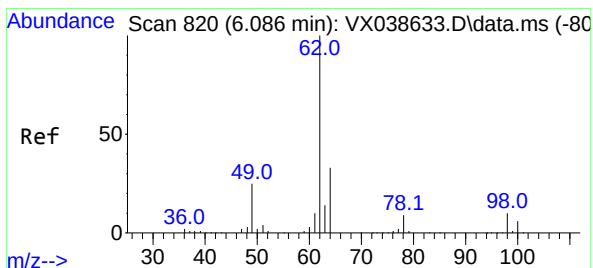
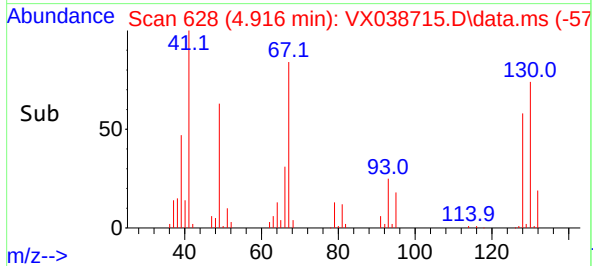
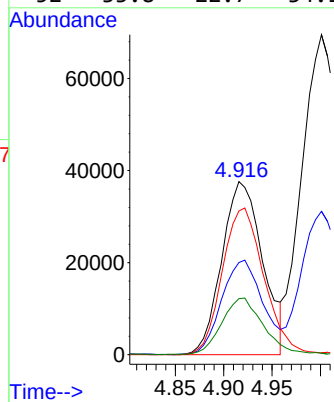
#41  
Methacrylonitrile  
Concen: 50.763 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 41 Resp: 110642

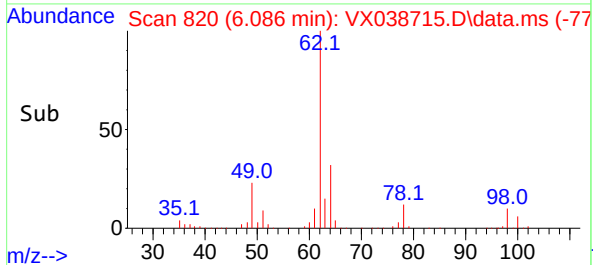
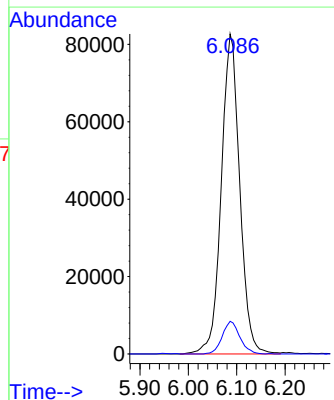
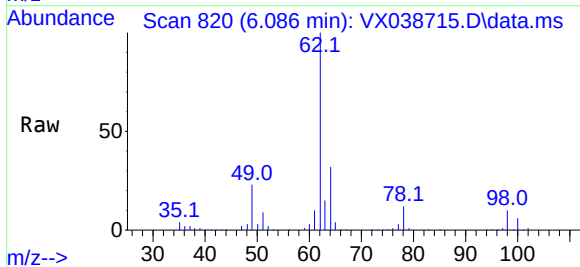
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.1  | 45.2  | 67.8  |
| 67  | 87.0  | 52.6  | 78.8  |
| 52  | 33.8  | 22.7  | 34.1  |

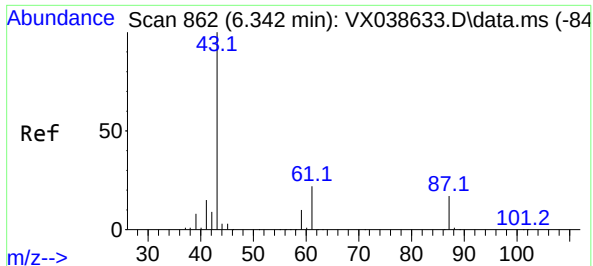


#42  
1,2-Dichloroethane  
Concen: 50.231 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 62 Resp: 218748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 0.0   | 16.0  |

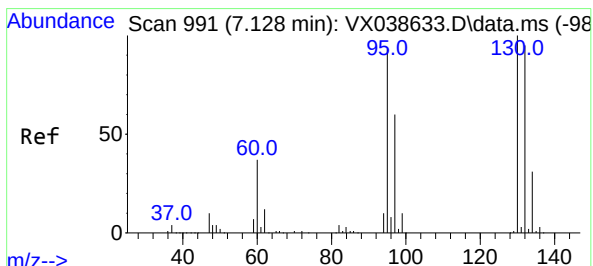
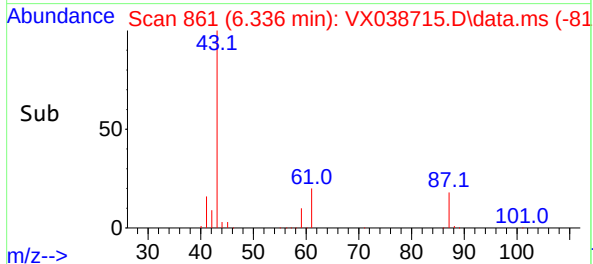
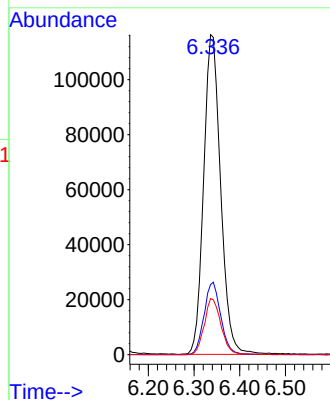
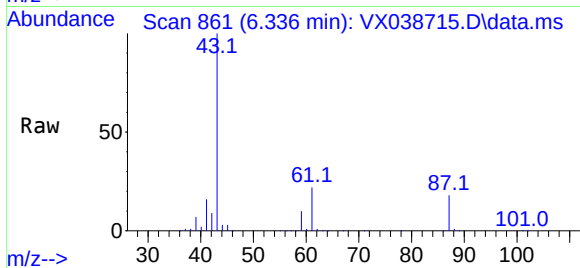




#43  
Isopropyl Acetate  
Concen: 45.577 ug/l  
RT: 6.336 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

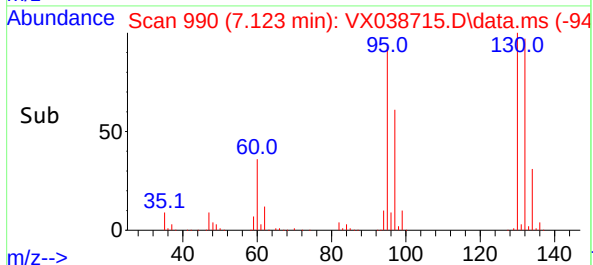
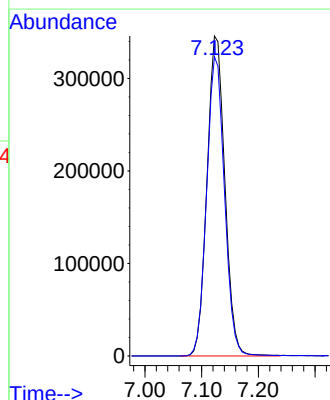
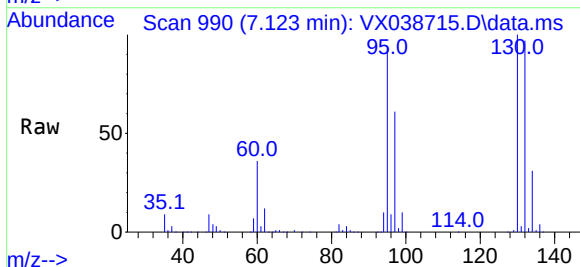
Instrument :  
MSVOA\_X  
ClientSampleId :

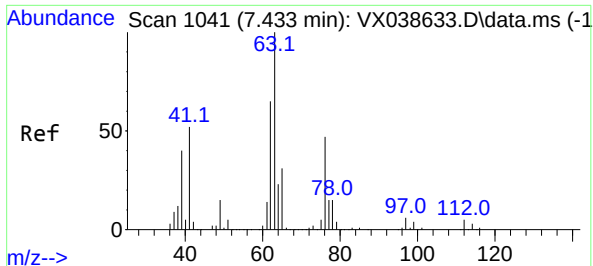
Tgt Ion: 43 Resp: 299772  
Ion Ratio Lower Upper  
43 100  
61 22.4 15.2 22.8  
87 17.3 9.8 14.6#



#44  
Trichloroethene  
Concen: 201.461 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:130 Resp: 756532  
Ion Ratio Lower Upper  
130 100  
95 93.5 0.0 204.4

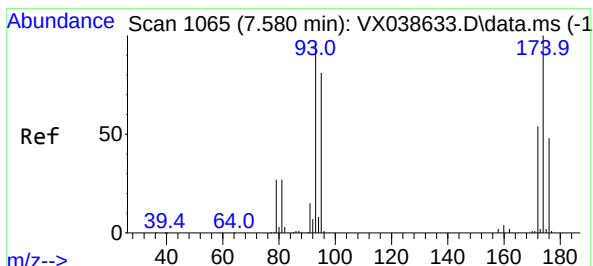
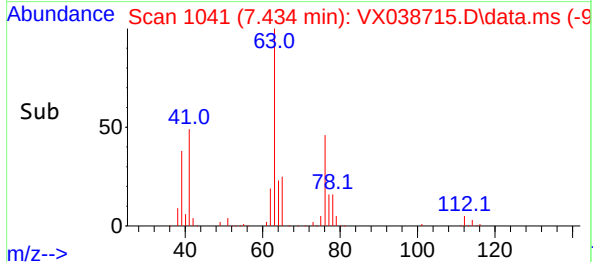
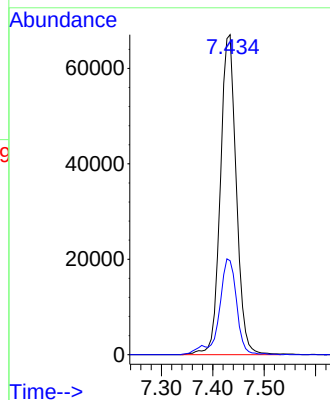
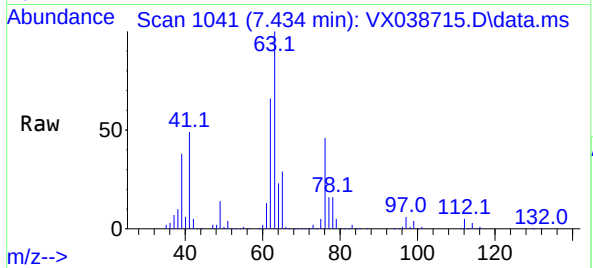




#45  
1,2-Dichloropropane  
Concen: 49.509 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

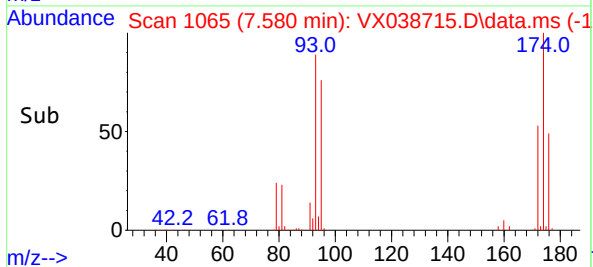
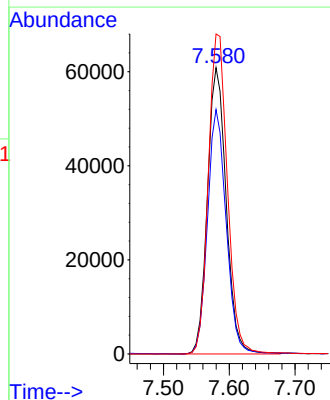
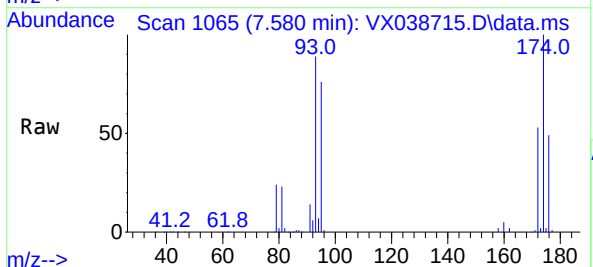
Instrument :  
MSVOA\_X  
ClientSampleId :

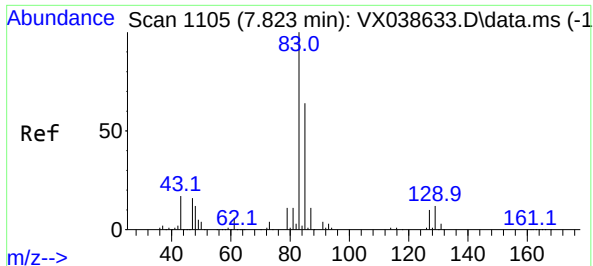
Tgt Ion: 63 Resp: 144448  
Ion Ratio Lower Upper  
63 100  
65 29.3 24.3 36.5



#46  
Dibromomethane  
Concen: 49.484 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 93 Resp: 120739  
Ion Ratio Lower Upper  
93 100  
95 85.4 66.6 100.0  
174 113.9 69.4 104.0#

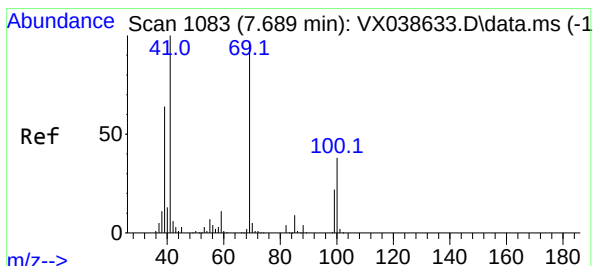
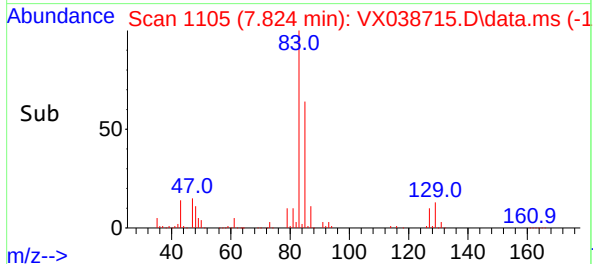
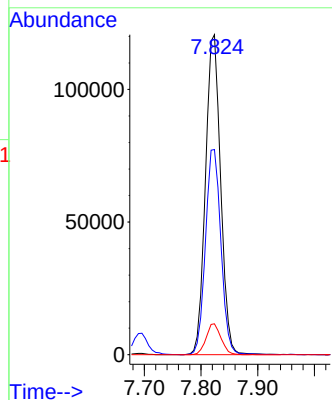
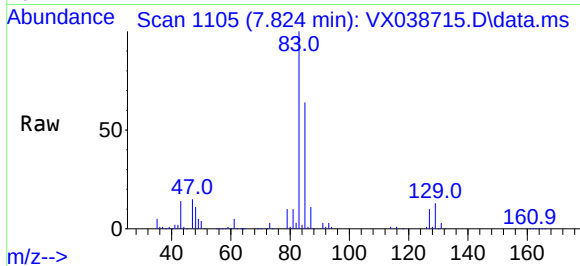




#47  
Bromodichloromethane  
Concen: 48.857 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

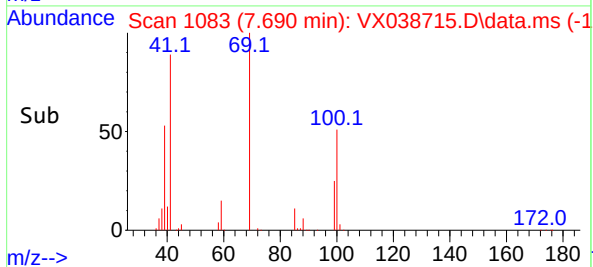
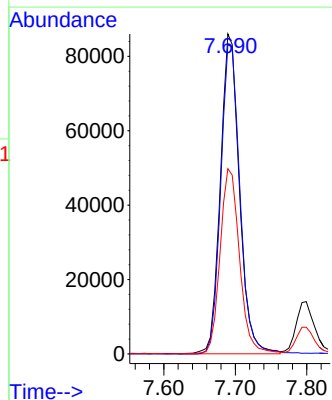
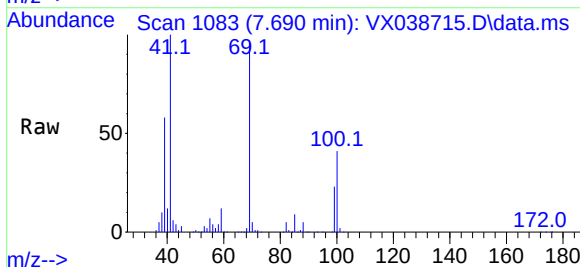
Instrument :  
MSVOA\_X  
ClientSampleId :

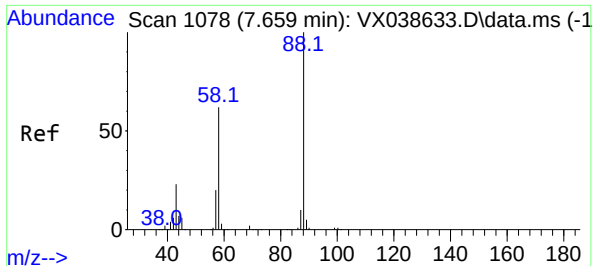
Tgt Ion: 83 Resp: 224191  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.8 74.6  
127 9.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 50.043 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 41 Resp: 158624  
Ion Ratio Lower Upper  
41 100  
69 98.3 59.2 88.8  
39 59.1 47.7 71.5

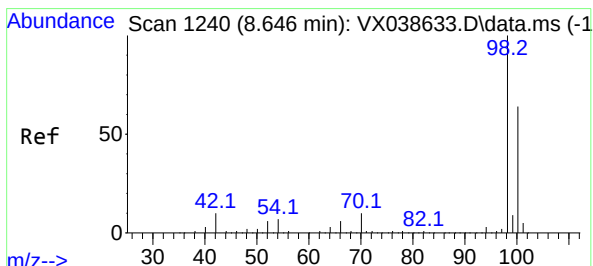
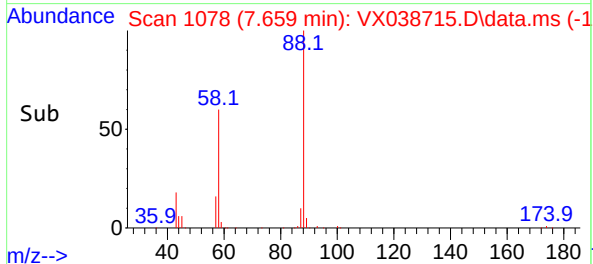
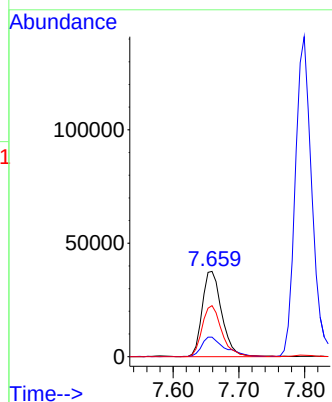
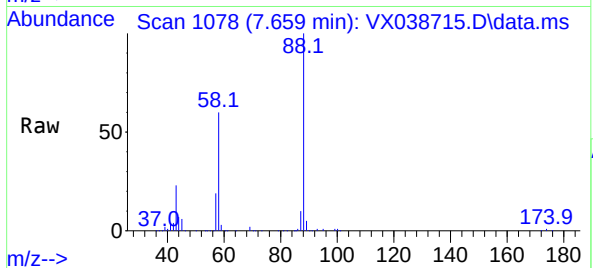




#49  
1,4-Dioxane  
Concen: 1078.081 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

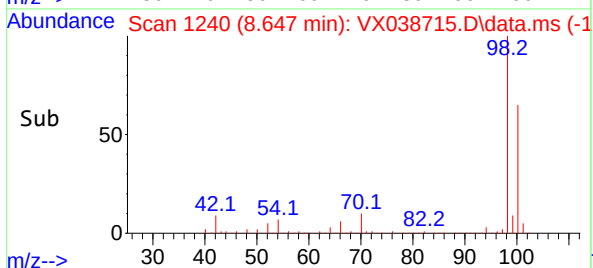
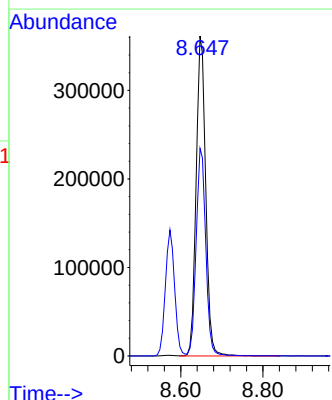
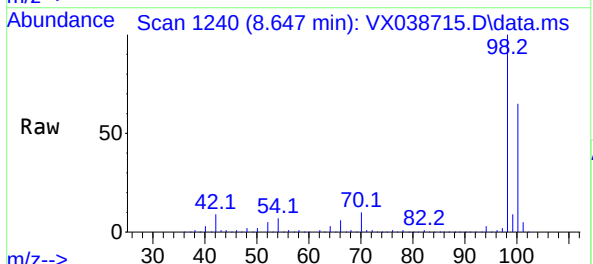
Instrument :  
MSVOA\_X  
ClientSampleId :

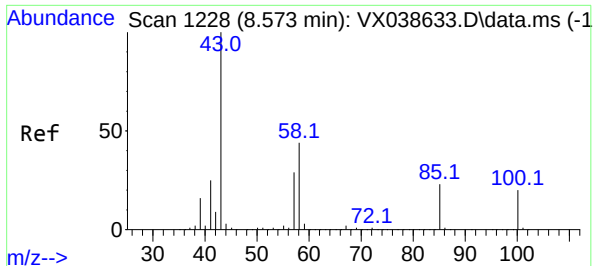
Tgt Ion: 88 Resp: 77794  
Ion Ratio Lower Upper  
88 100  
43 27.1 0.0 0.0#  
58 60.4 60.1 90.1



#50  
Toluene-d8  
Concen: 48.221 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 98 Resp: 582079  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 254.243 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038715.D

Acq: 10 Nov 2023 09:16

Instrument :

MSVOA\_X

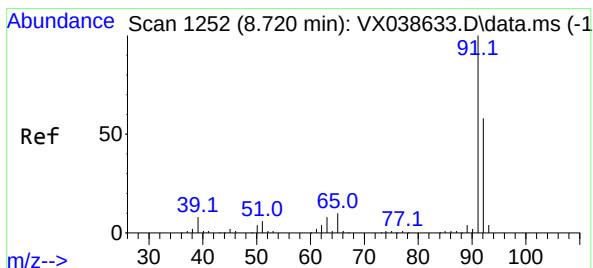
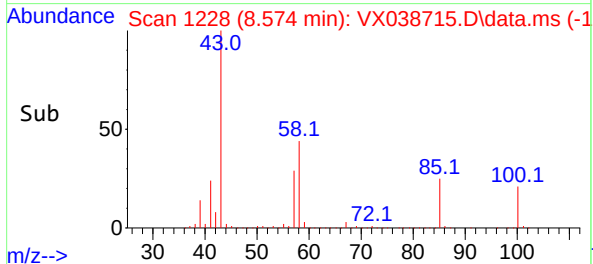
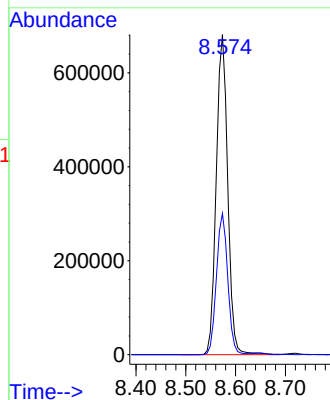
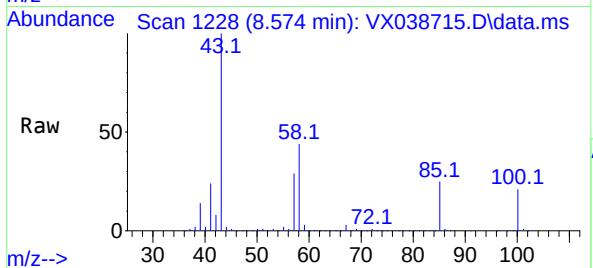
ClientSampleId :

Tgt Ion: 43 Resp: 1089516

Ion Ratio Lower Upper

43 100

58 43.5 30.4 45.6



#52

Toluene

Concen: 49.854 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038715.D

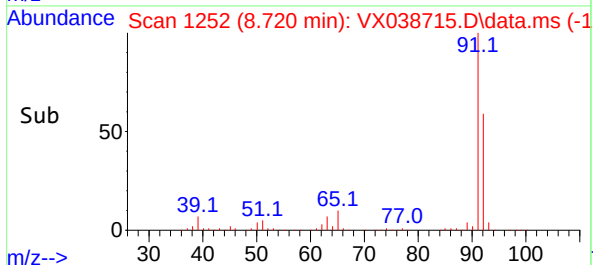
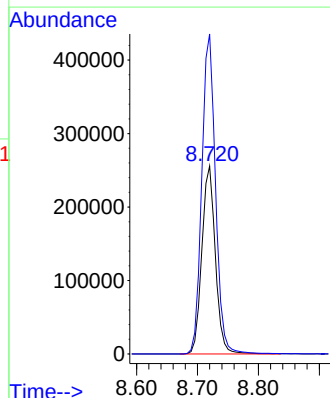
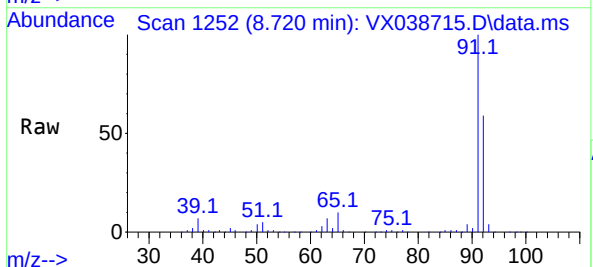
Acq: 10 Nov 2023 09:16

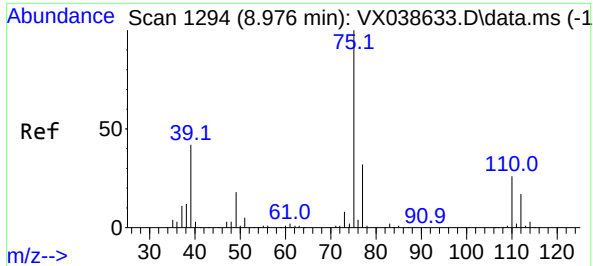
Tgt Ion: 92 Resp: 394160

Ion Ratio Lower Upper

92 100

91 173.1 134.2 201.2

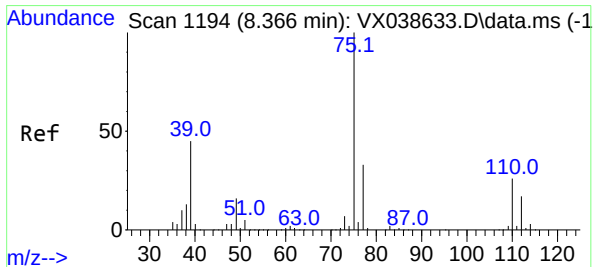
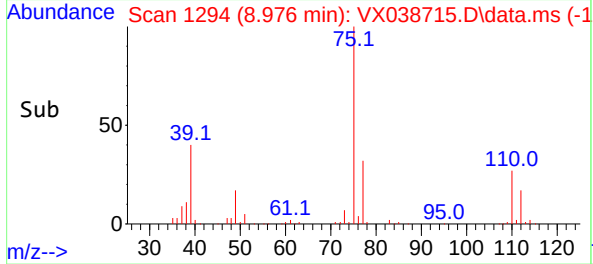
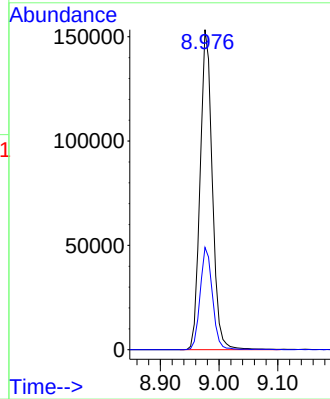
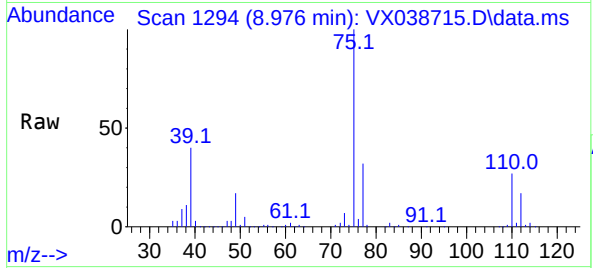




#53  
t-1,3-Dichloropropene  
Concen: 47.395 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

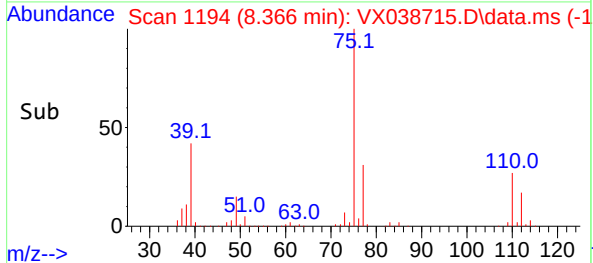
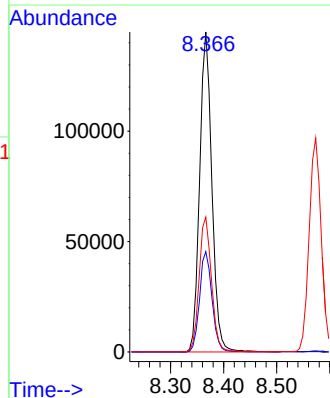
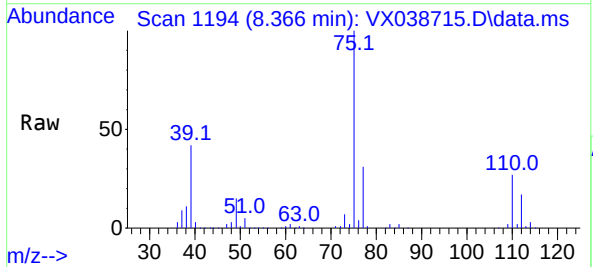
Instrument :  
MSVOA\_X  
ClientSampleId :

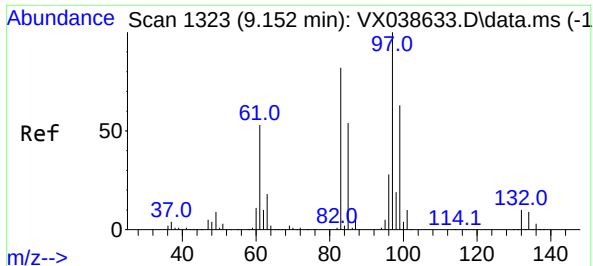
Tgt Ion: 75 Resp: 221419  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 47.151 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

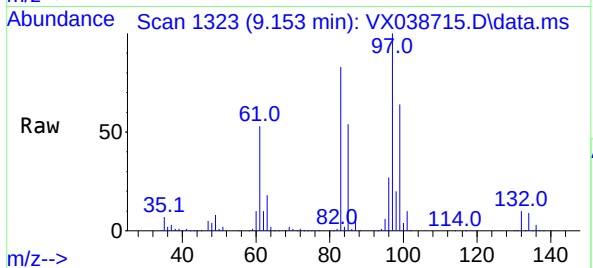
Tgt Ion: 75 Resp: 232541  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.3 37.9  
39 42.1 46.7 70.1#





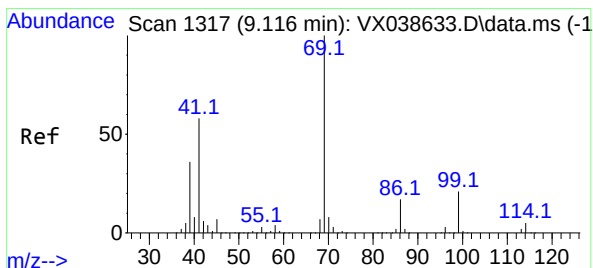
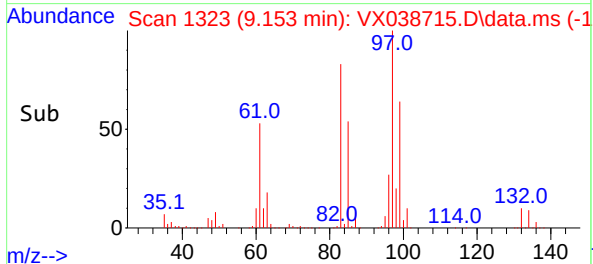
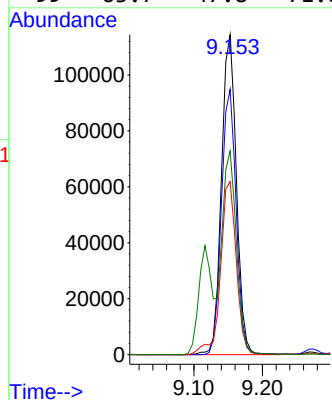
#55  
1,1,2-Trichloroethane  
Concen: 51.364 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 97 Resp: 172310

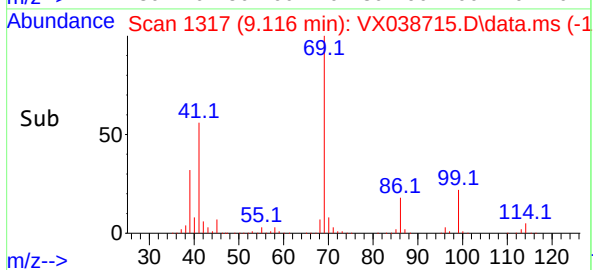
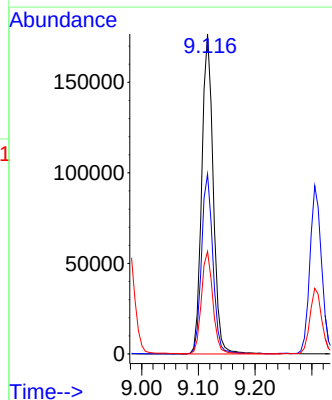
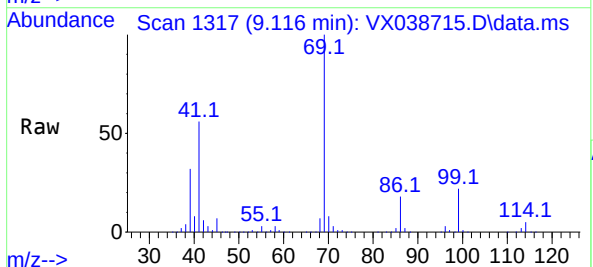
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 65.8  | 98.8  |
| 85  | 54.1  | 41.6  | 62.4  |
| 99  | 63.7  | 47.8  | 71.8  |



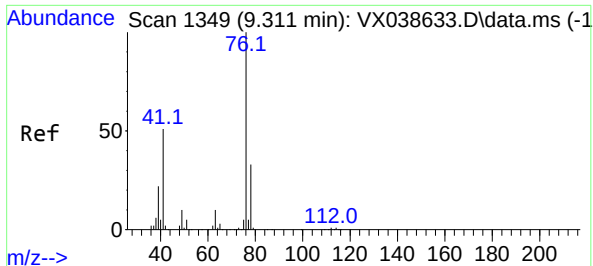
#56  
Ethyl methacrylate  
Concen: 52.796 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 69 Resp: 247799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.1  | 56.8  | 85.2# |
| 39  | 32.0  | 32.0  | 48.0# |



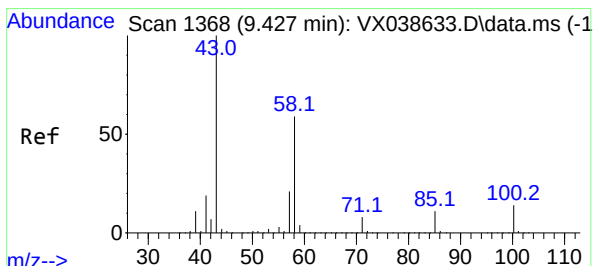
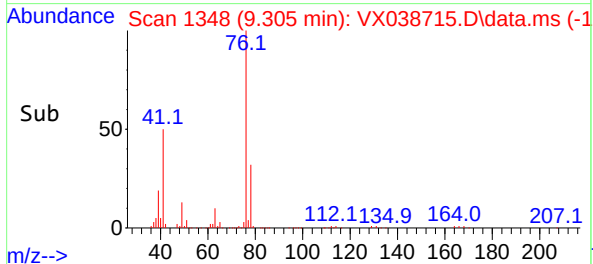
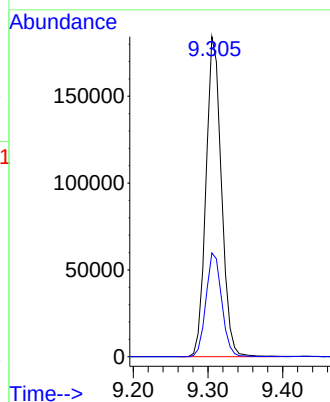
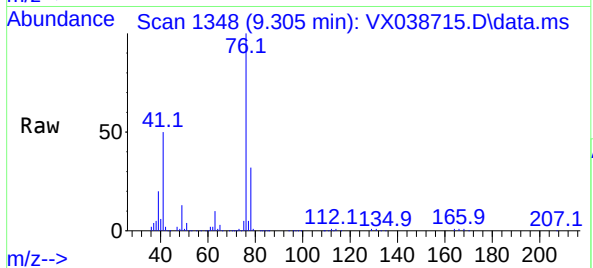




#57  
1,3-Dichloropropane  
Concen: 50.547 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

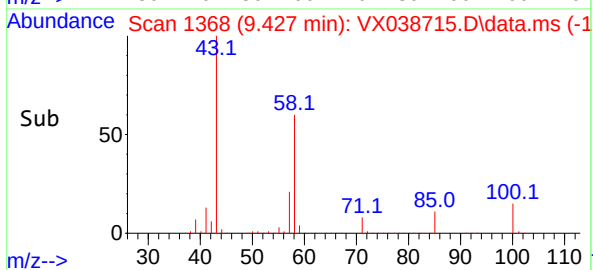
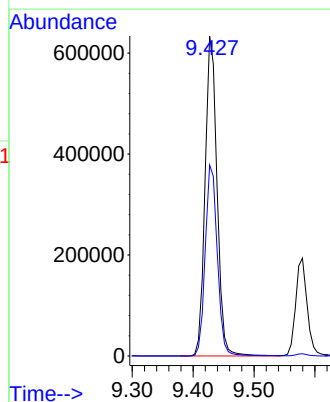
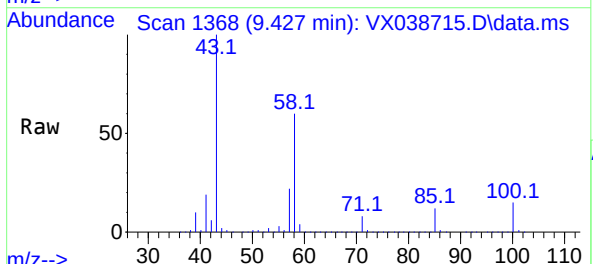
Instrument :  
MSVOA\_X  
ClientSampleId :

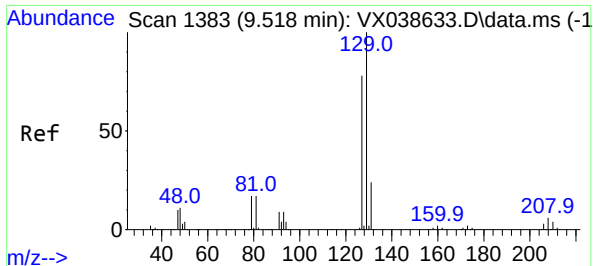
Tgt Ion: 76 Resp: 264112  
Ion Ratio Lower Upper  
76 100  
78 33.0 26.1 39.1



#59  
2-Hexanone  
Concen: 249.839 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 43 Resp: 866300  
Ion Ratio Lower Upper  
43 100  
58 60.4 26.2 78.5

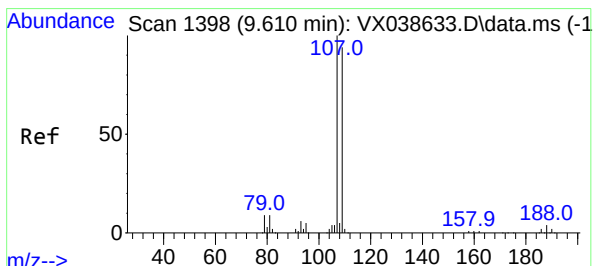
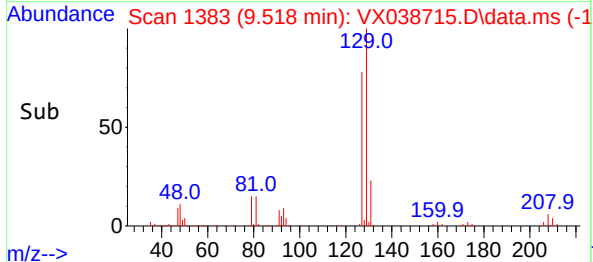
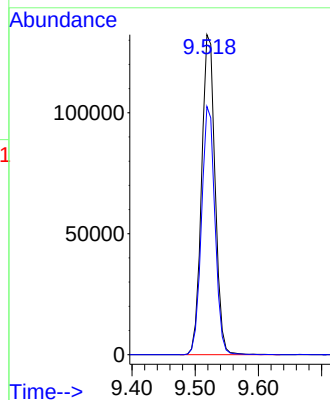
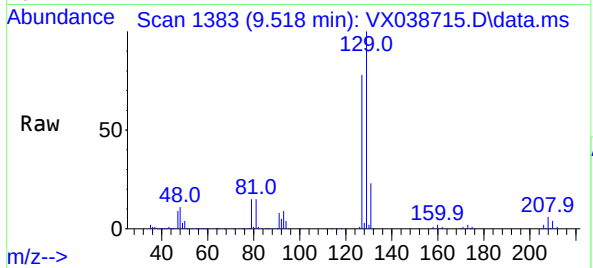




#60  
Dibromochloromethane  
Concen: 52.136 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

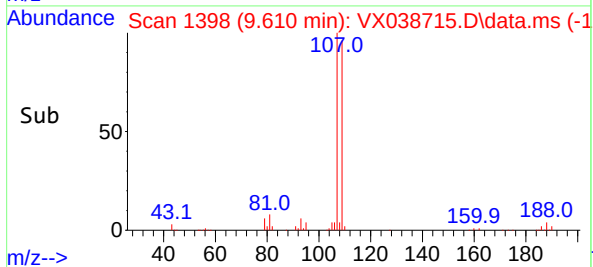
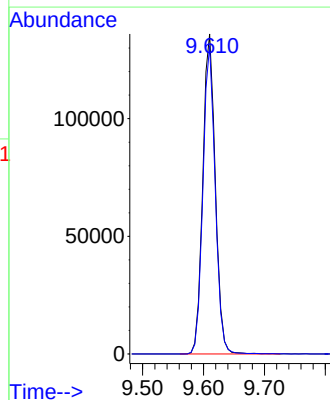
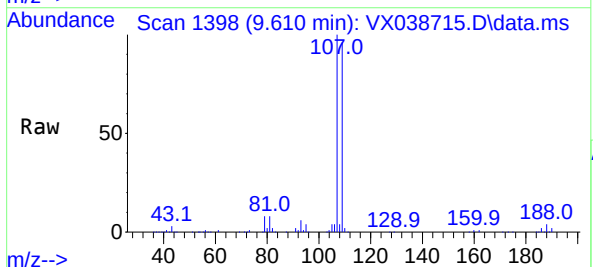
Instrument :  
MSVOA\_X  
ClientSampleId :

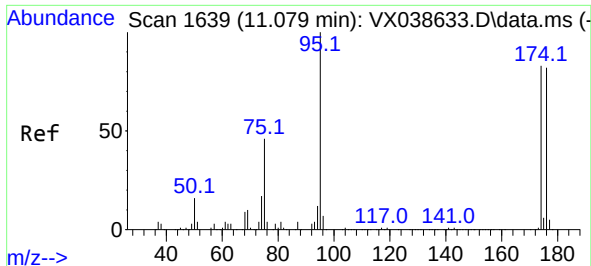
Tgt Ion:129 Resp: 196333  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.4



#61  
1,2-Dibromoethane  
Concen: 51.390 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:107 Resp: 193749  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.2 112.8

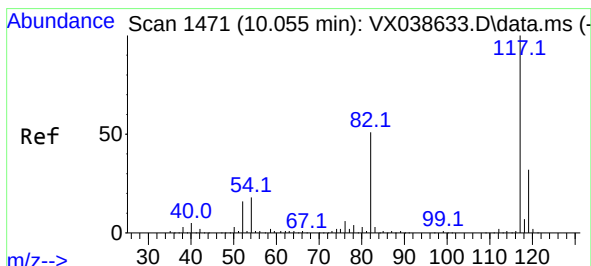
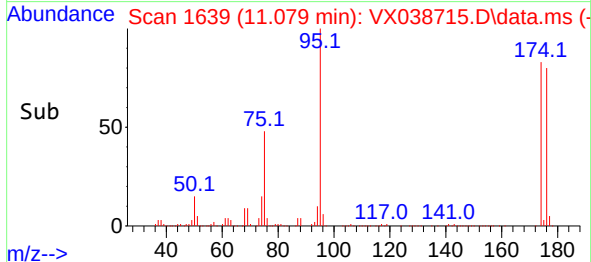
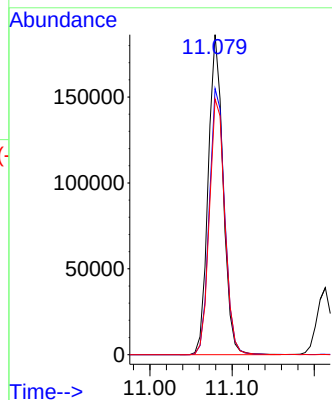
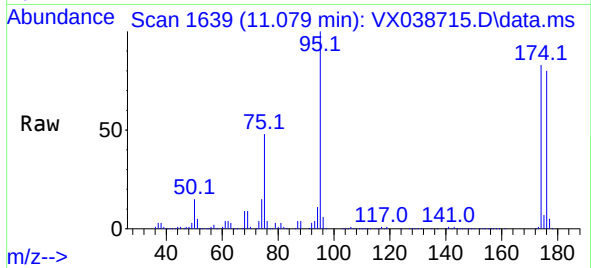




#62  
4-Bromofluorobenzene  
Concen: 49.932 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

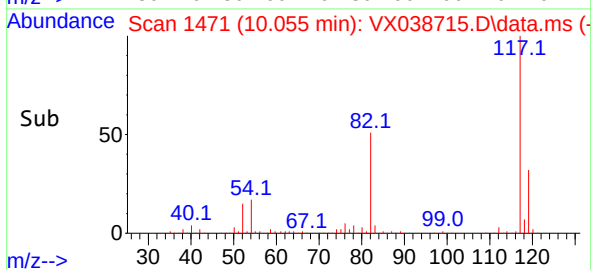
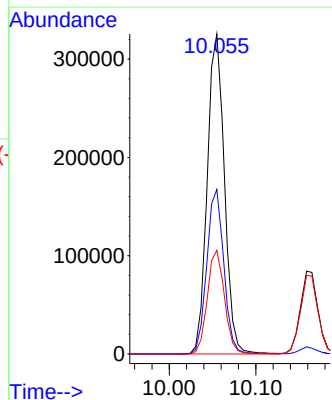
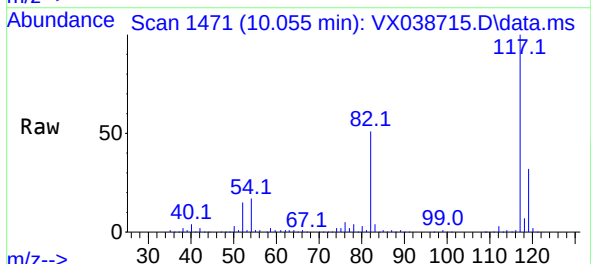
Instrument :  
MSVOA\_X  
ClientSampleId :

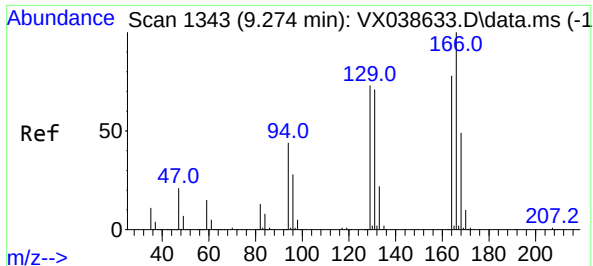
Tgt Ion: 95 Resp: 233685  
Ion Ratio Lower Upper  
95 100  
174 86.1 0.0 135.6  
176 83.1 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

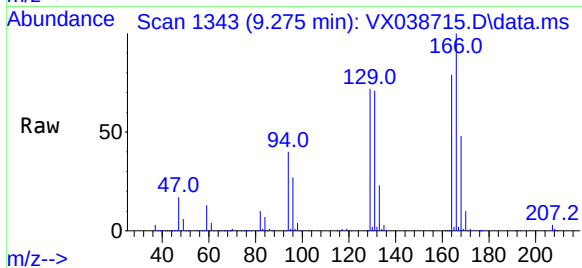
Tgt Ion: 117 Resp: 448489  
Ion Ratio Lower Upper  
117 100  
82 51.4 46.2 69.4  
119 32.4 25.5 38.3



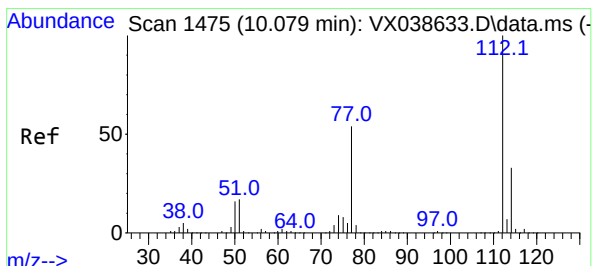
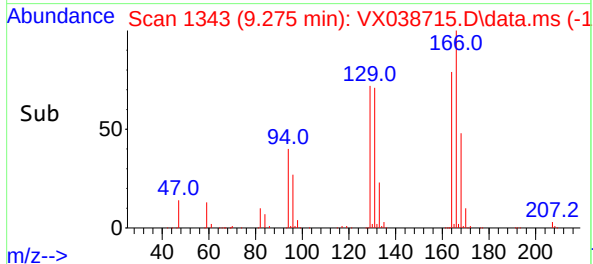
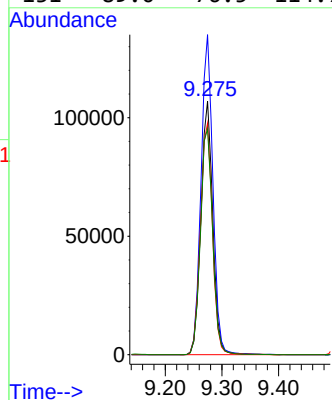


#64  
Tetrachloroethene  
Concen: 46.494 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

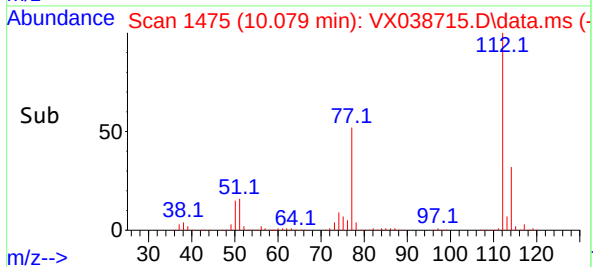
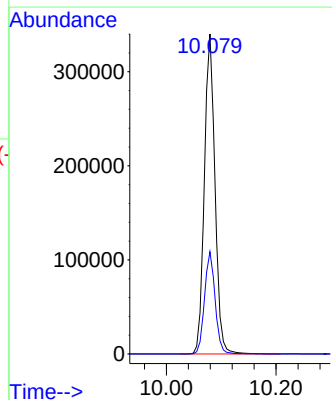
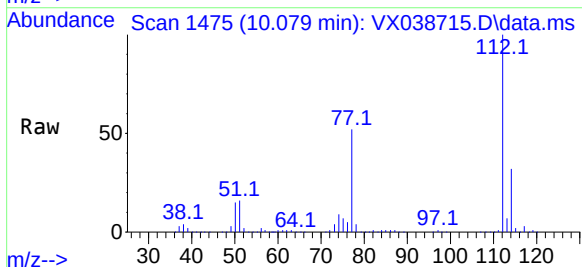


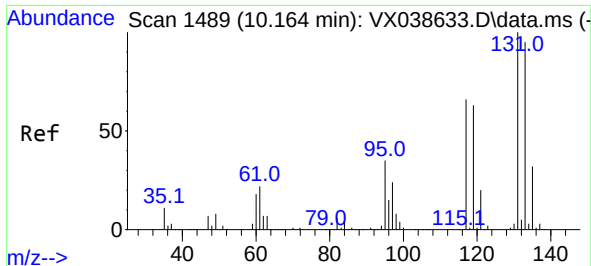
Tgt Ion:164 Resp: 156084  
Ion Ratio Lower Upper  
164 100  
166 126.2 102.7 154.1  
129 91.3 80.4 120.6  
131 89.0 76.5 114.7



#65  
Chlorobenzene  
Concen: 50.040 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:112 Resp: 456851  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5

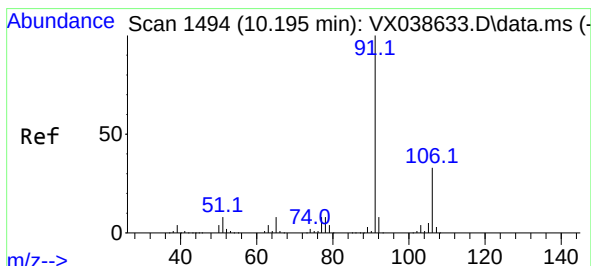
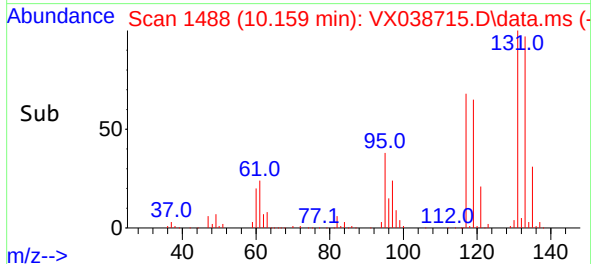
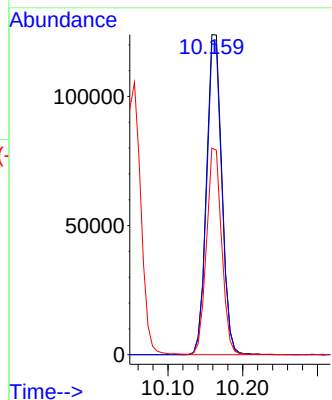
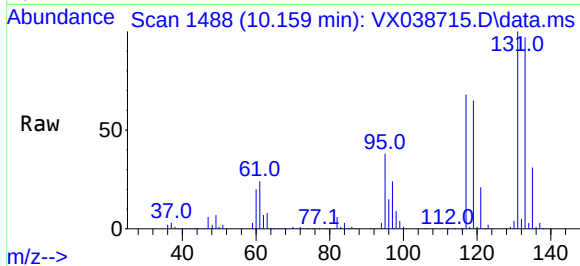




#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.550 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

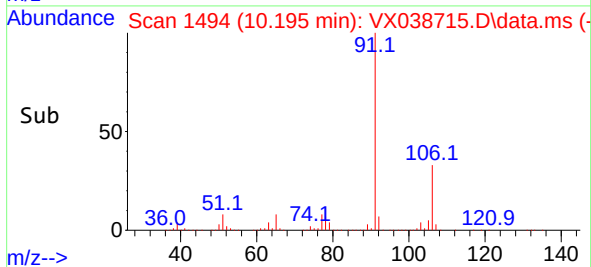
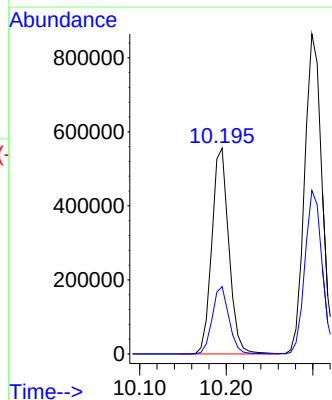
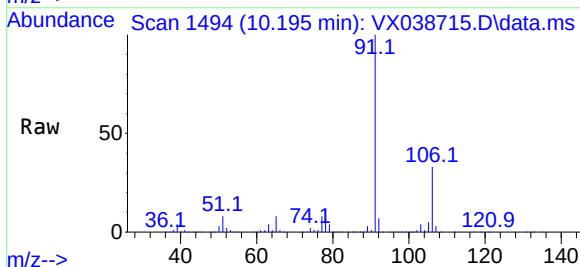
Instrument :  
MSVOA\_X  
ClientSampleId :

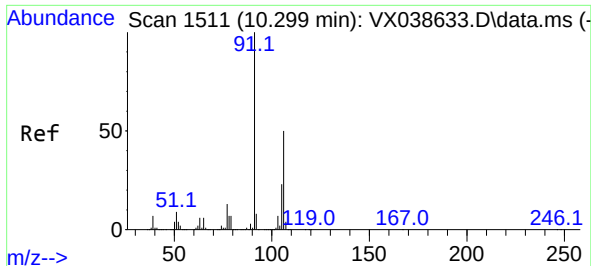
Tgt Ion:131 Resp: 176926  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.1 141.4  
119 63.9 32.2 96.6



#67  
Ethyl Benzene  
Concen: 49.169 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 91 Resp: 759332  
Ion Ratio Lower Upper  
91 100  
106 32.7 24.9 37.3

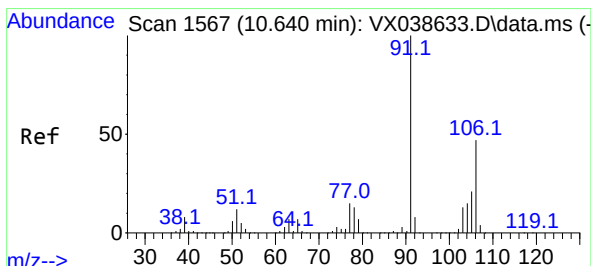
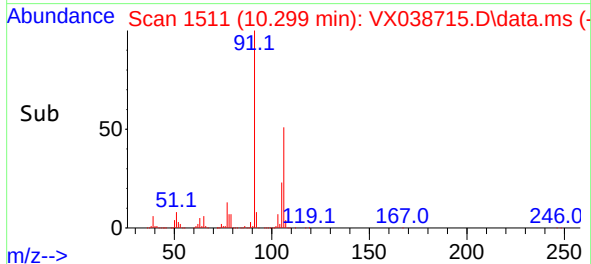
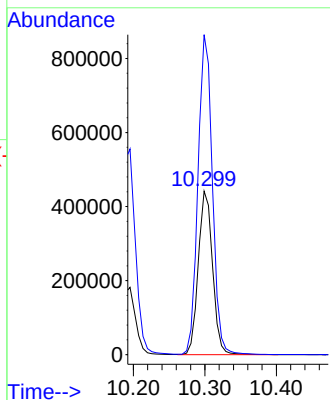
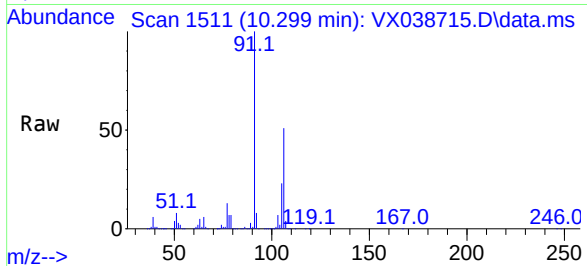




#68  
m/p-Xylenes  
Concen: 99.784 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

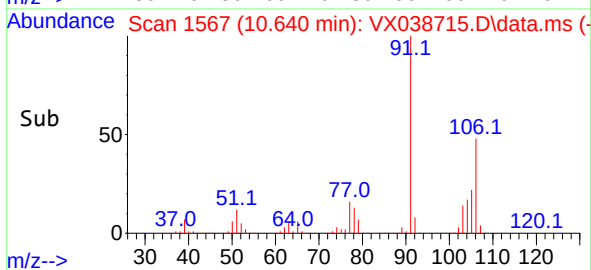
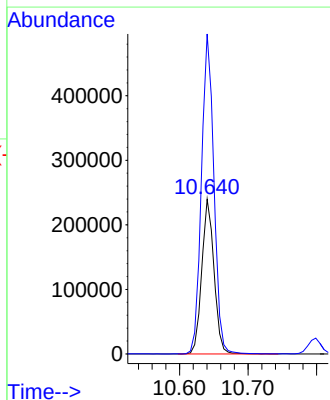
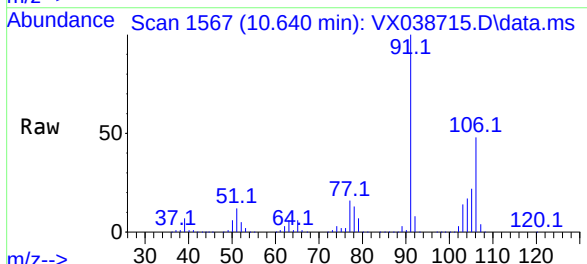
Instrument :  
MSVOA\_X  
ClientSampleId :

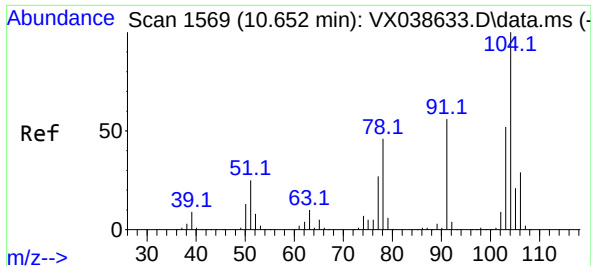
Tgt Ion:106 Resp: 611598  
Ion Ratio Lower Upper  
106 100  
91 197.7 165.5 248.3



#69  
o-Xylene  
Concen: 50.093 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

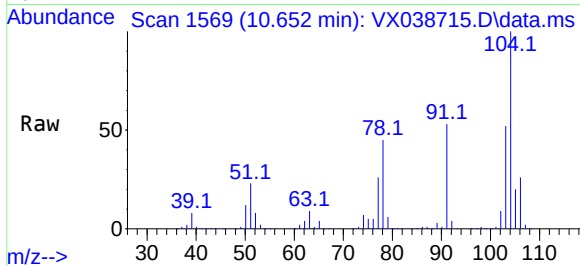
Tgt Ion:106 Resp: 298573  
Ion Ratio Lower Upper  
106 100  
91 210.1 108.9 326.8



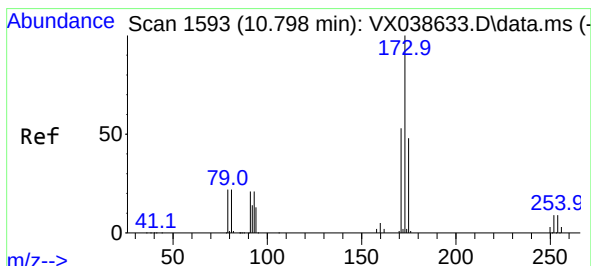
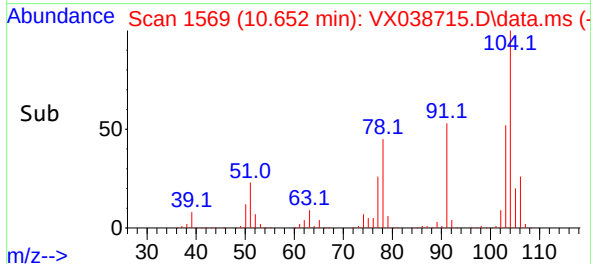
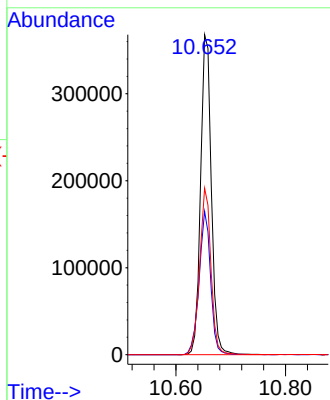


#70  
Styrene  
Concen: 50.936 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

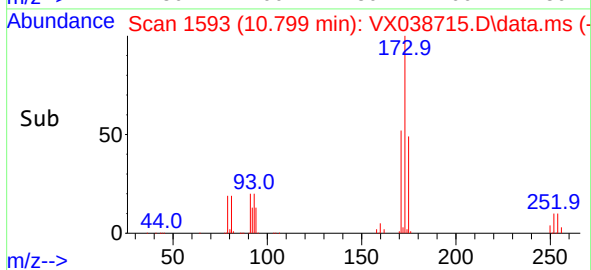
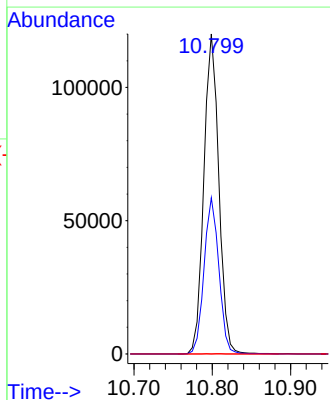
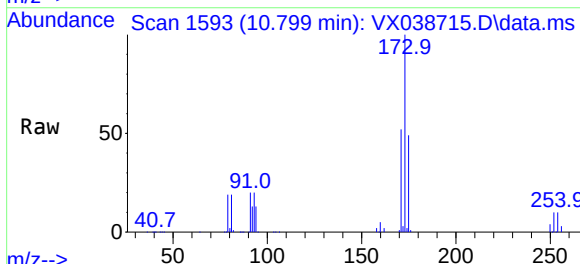


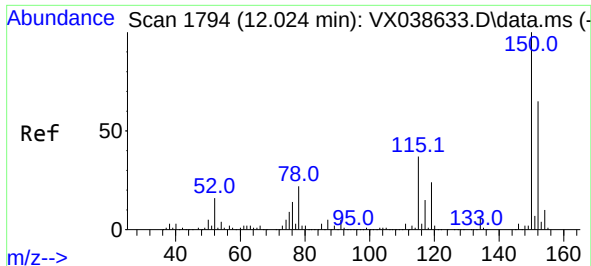
Tgt Ion:104 Resp: 501071  
Ion Ratio Lower Upper  
104 100  
78 47.8 43.6 65.4  
103 55.1 43.6 65.4



#71  
Bromoform  
Concen: 52.492 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

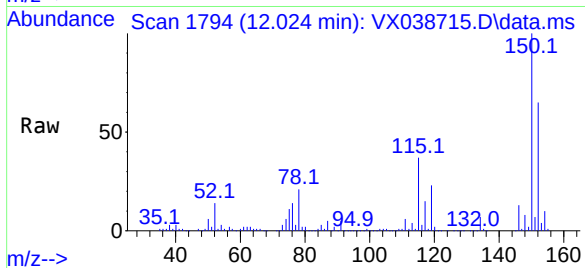
Tgt Ion:173 Resp: 159014  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.1 72.4  
254 0.1 0.0 0.0#



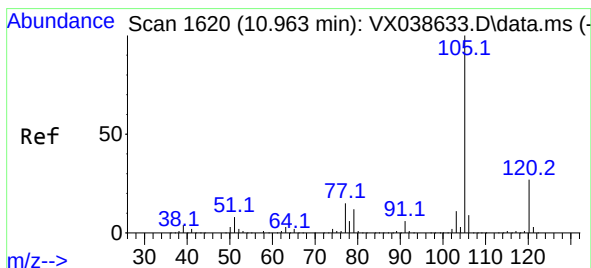
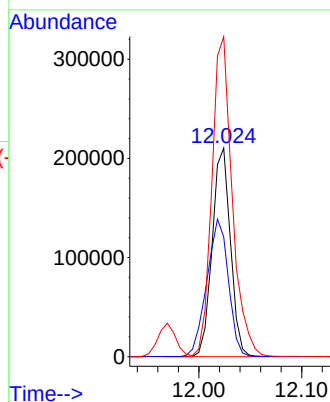
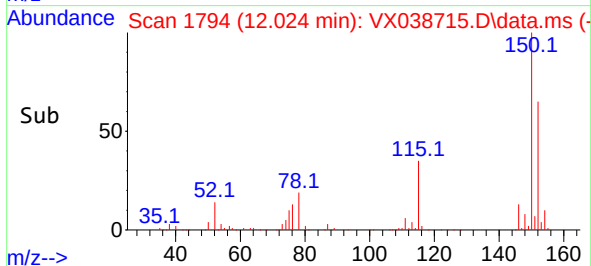


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

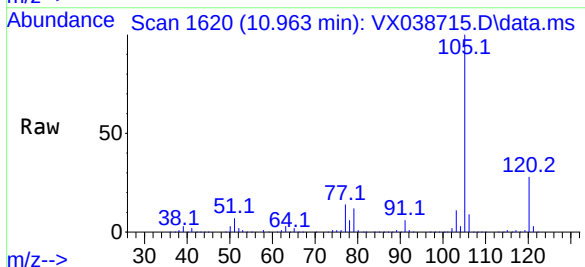
Instrument :  
MSVOA\_X  
ClientSampleId :



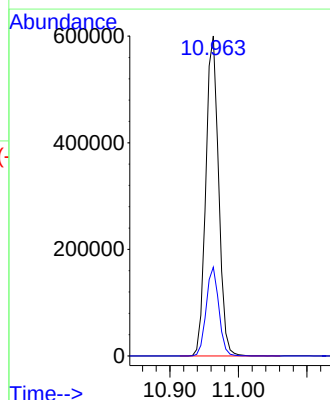
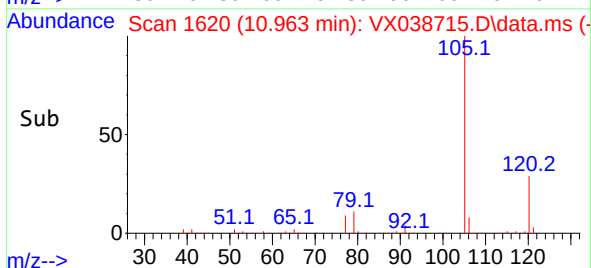
Tgt Ion:152 Resp: 258718  
Ion Ratio Lower Upper  
152 100  
115 78.3 43.3 129.9  
150 170.9 0.0 345.0



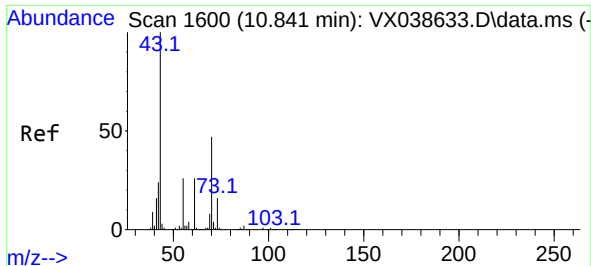
#73  
Isopropylbenzene  
Concen: 49.109 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16



Tgt Ion:105 Resp: 779463  
Ion Ratio Lower Upper  
105 100  
120 27.4 12.9 38.6

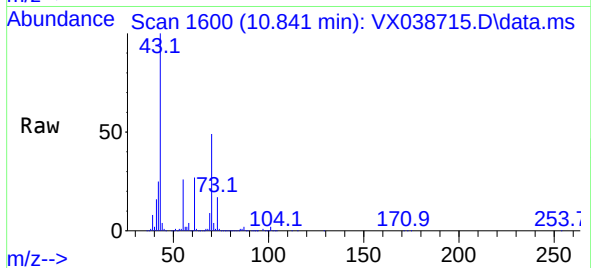






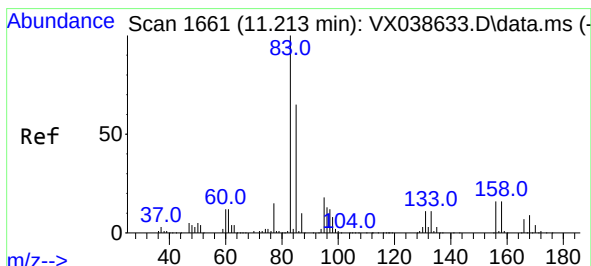
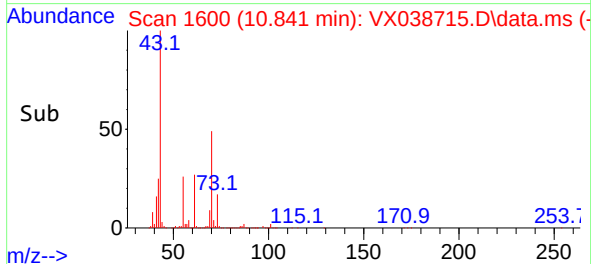
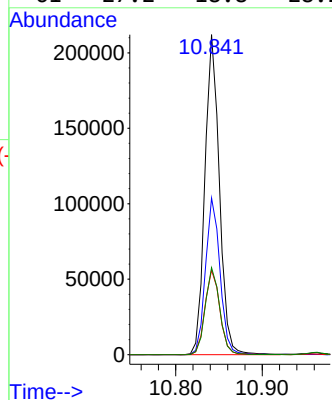
#74  
N-amy1 acetate  
Concen: 44.702 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 43 Resp: 246527

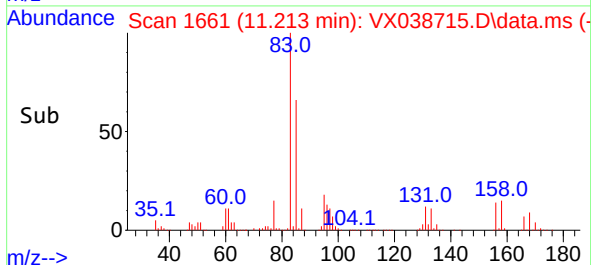
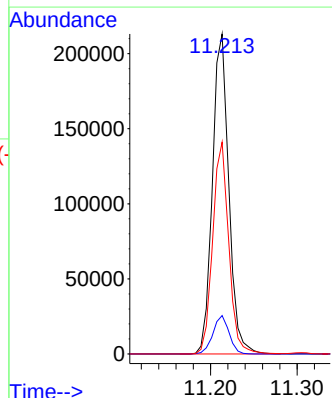
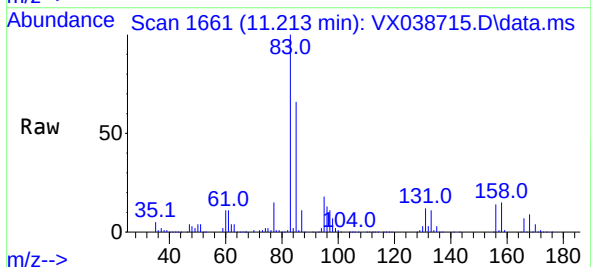
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 49.1  | 32.9  | 49.3  |
| 55  | 27.2  | 19.3  | 28.9  |
| 61  | 27.2  | 18.8  | 28.2  |

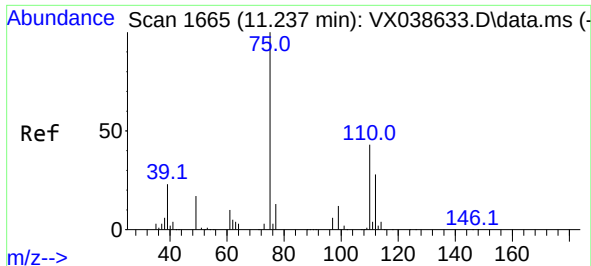


#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.955 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 83 Resp: 279600

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.8  | 5.3   | 15.8  |
| 85  | 65.0  | 32.0  | 96.2  |

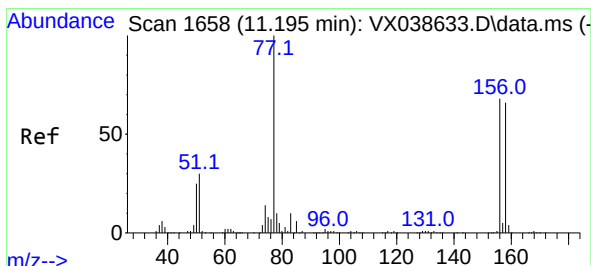
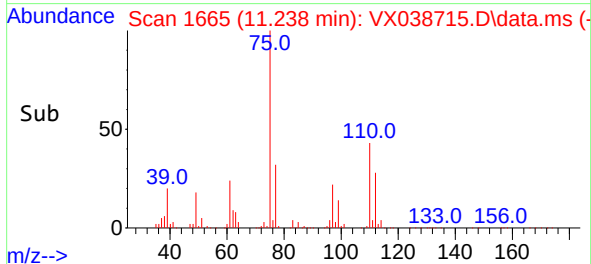
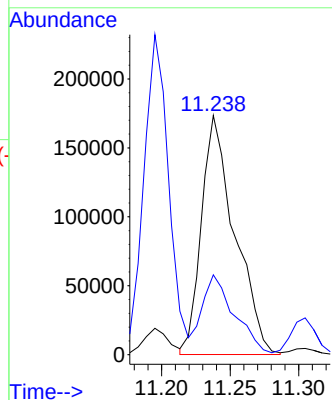
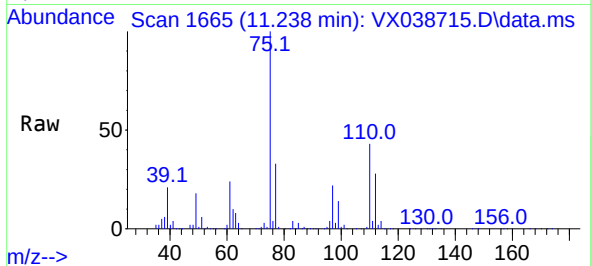




#76  
1,2,3-Trichloropropane  
Concen: 57.355 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

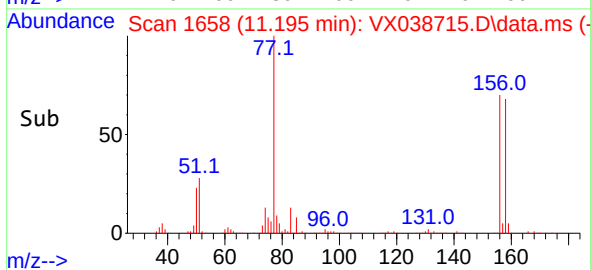
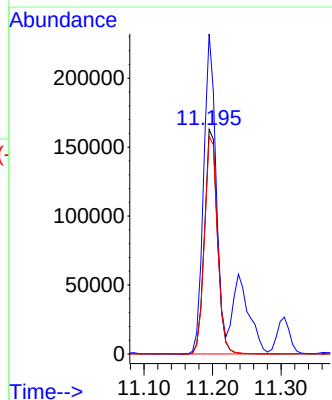
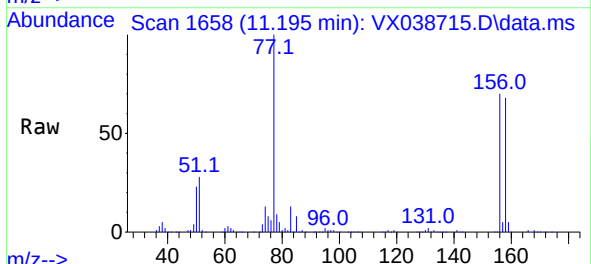
Instrument :  
MSVOA\_X  
ClientSampleId :

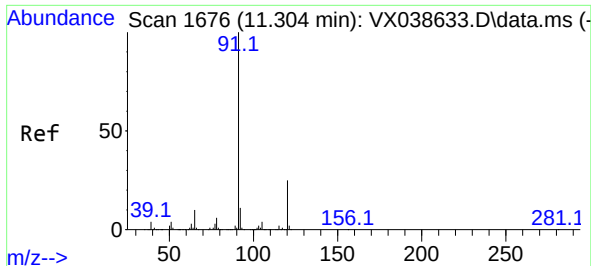
Tgt Ion: 75 Resp: 293879  
Ion Ratio Lower Upper  
75 100  
77 32.5 19.1 57.5



#77  
Bromobenzene  
Concen: 49.166 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:156 Resp: 214174  
Ion Ratio Lower Upper  
156 100  
77 137.2 88.4 265.3  
158 97.9 48.0 144.0

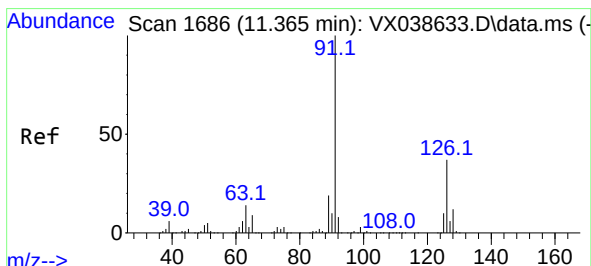
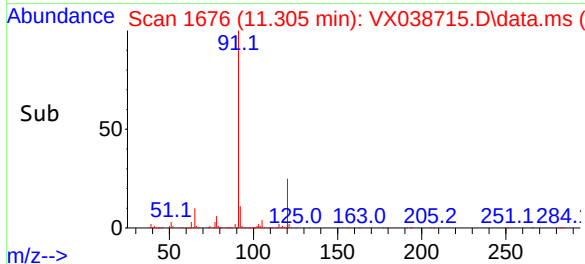
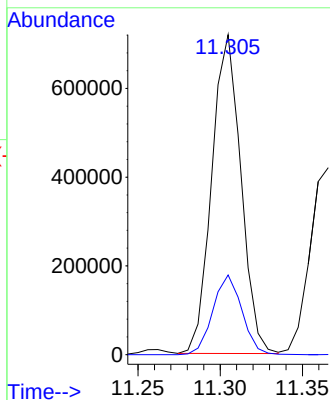
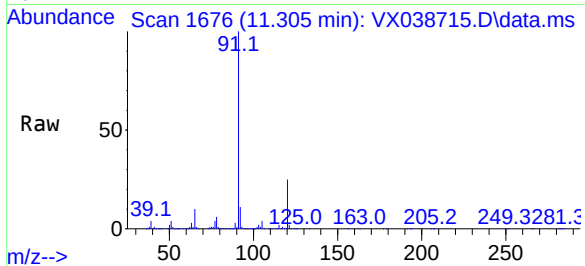




#78  
n-propylbenzene  
Concen: 47.977 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

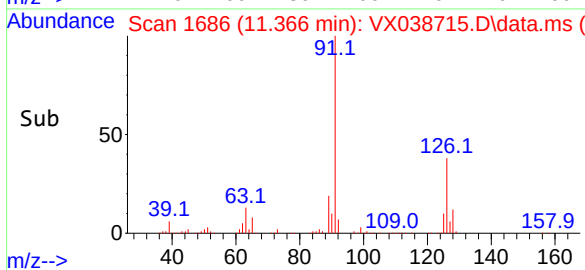
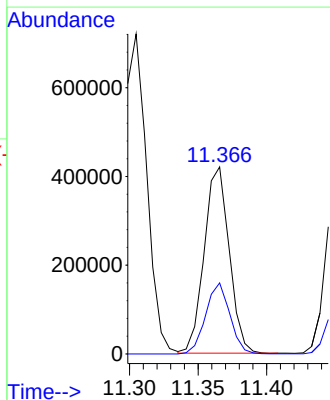
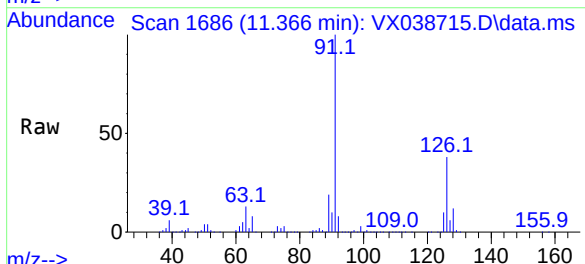
Instrument :  
MSVOA\_X  
ClientSampleId :

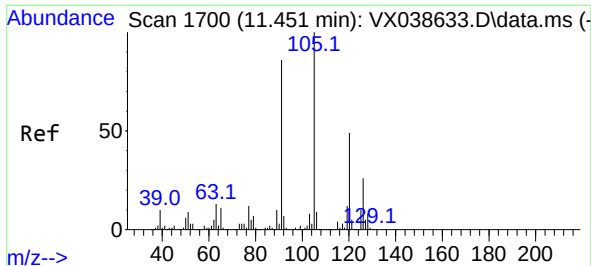
Tgt Ion: 91 Resp: 886153  
Ion Ratio Lower Upper  
91 100  
120 24.9 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 48.105 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 91 Resp: 531948  
Ion Ratio Lower Upper  
91 100  
126 37.0 16.3 48.8

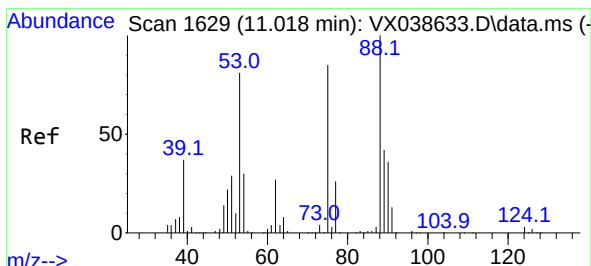
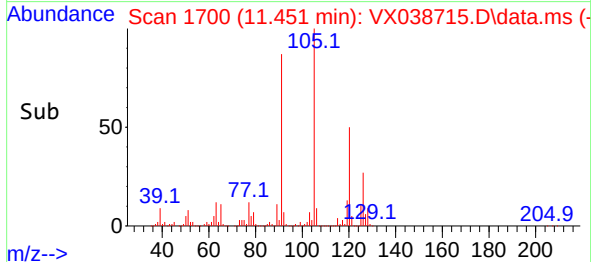
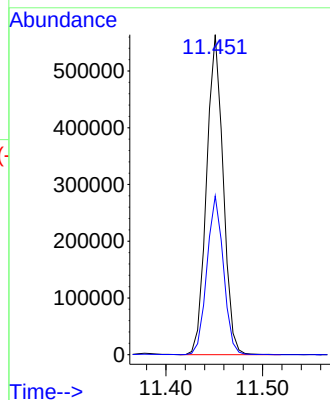
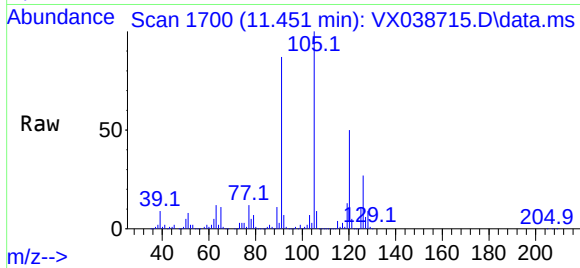




#80  
1,3,5-Trimethylbenzene  
Concen: 49.330 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

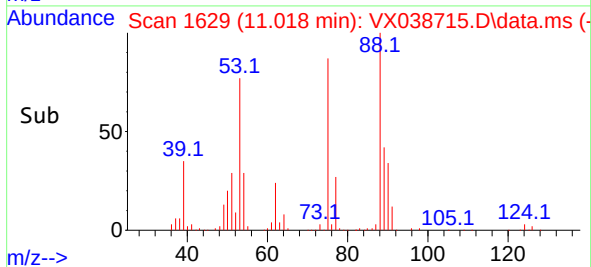
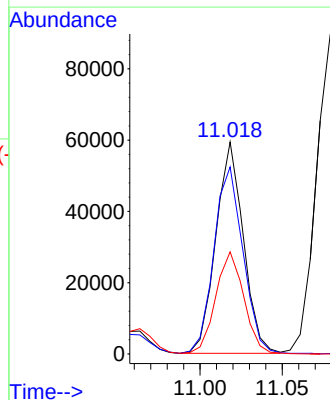
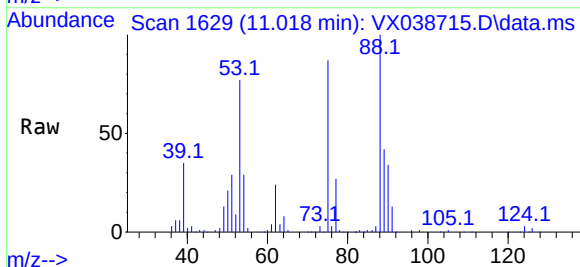
Instrument :  
MSVOA\_X  
ClientSampleId :

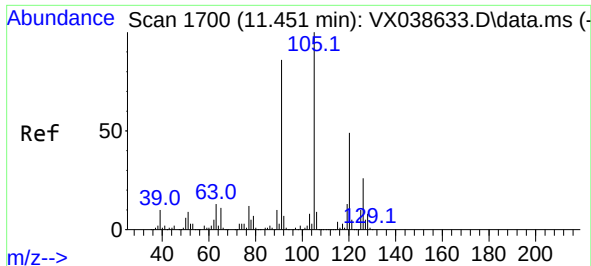
Tgt Ion:105 Resp: 673871  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.1 72.3



#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.806 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 75 Resp: 68988  
Ion Ratio Lower Upper  
75 100  
53 93.9 90.5 135.7  
89 49.7 36.9 55.3

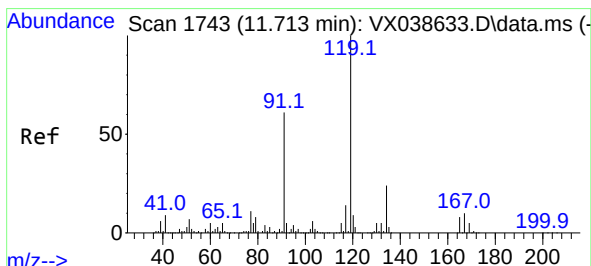
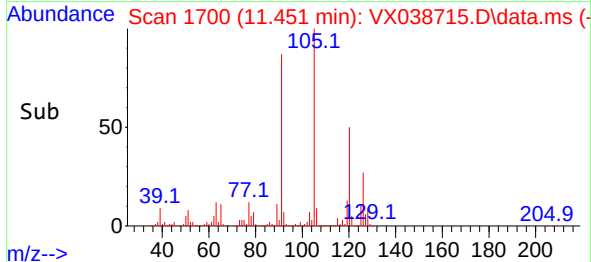
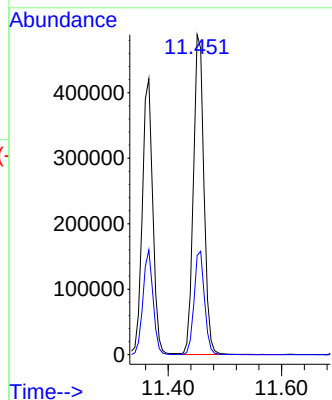
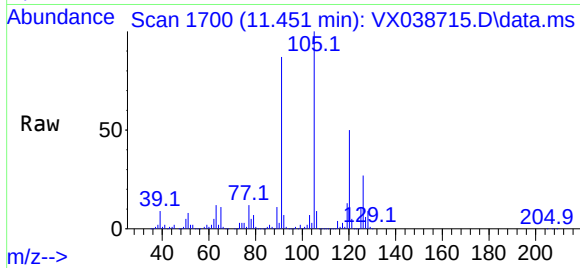




#82  
4-Chlorotoluene  
Concen: 48.840 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

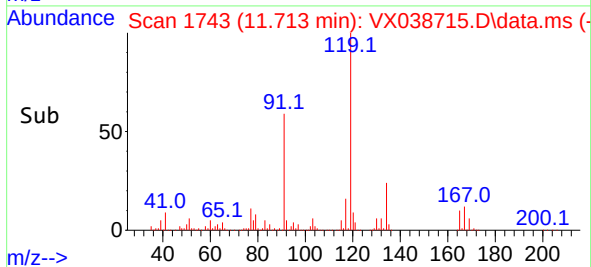
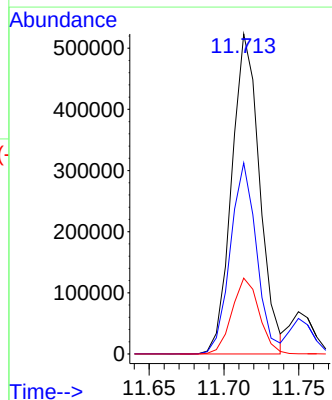
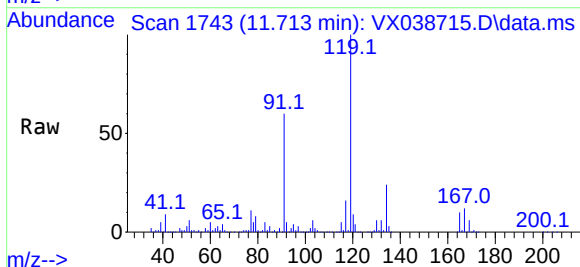
Instrument :  
MSVOA\_X  
ClientSampleId :

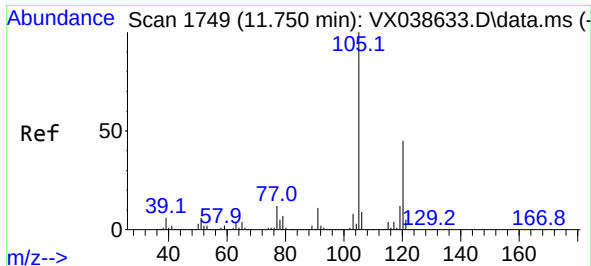
Tgt Ion: 91 Resp: 630948  
Ion Ratio Lower Upper  
91 100  
126 32.2 14.2 42.6



#83  
tert-Butylbenzene  
Concen: 49.061 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion: 119 Resp: 679090  
Ion Ratio Lower Upper  
119 100  
91 56.3 31.2 93.6  
134 23.1 11.7 35.0

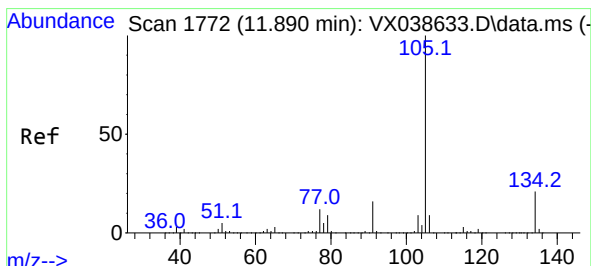
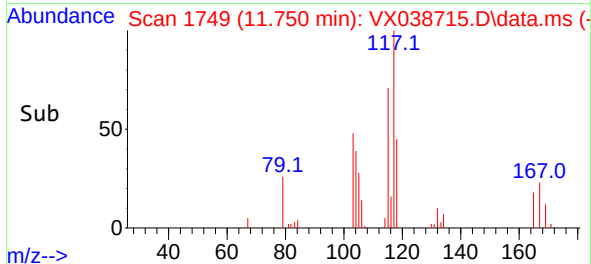
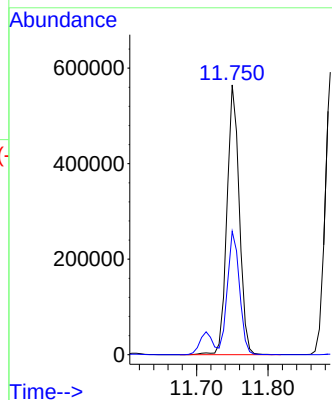
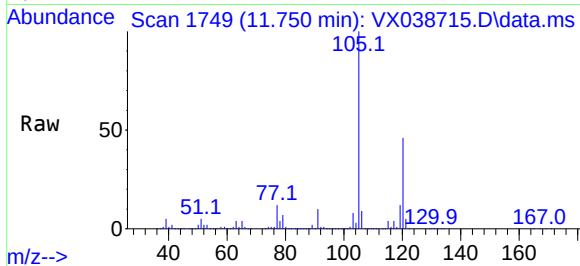




#84  
1,2,4-Trimethylbenzene  
Concen: 49.891 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

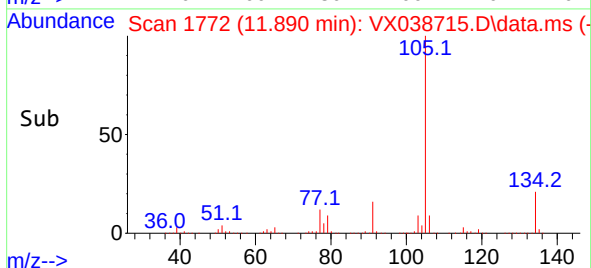
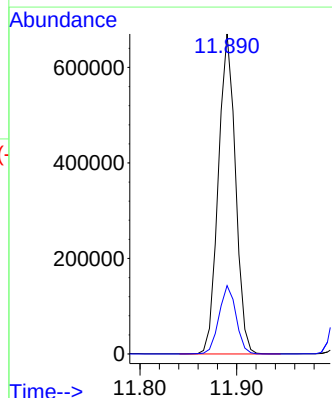
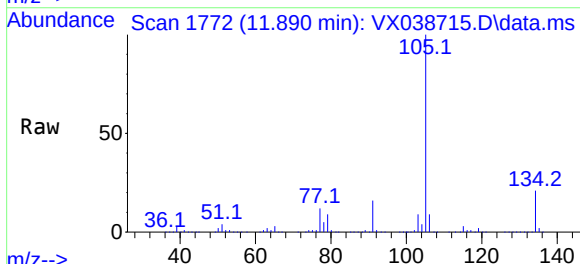
Instrument :  
MSVOA\_X  
ClientSampleId :

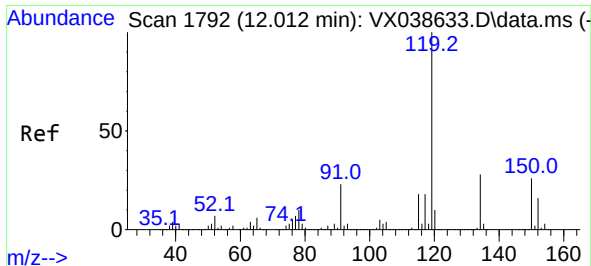
Tgt Ion:105 Resp: 675955  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.2 63.6



#85  
sec-Butylbenzene  
Concen: 47.703 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:105 Resp: 823912  
Ion Ratio Lower Upper  
105 100  
134 21.2 9.8 29.4

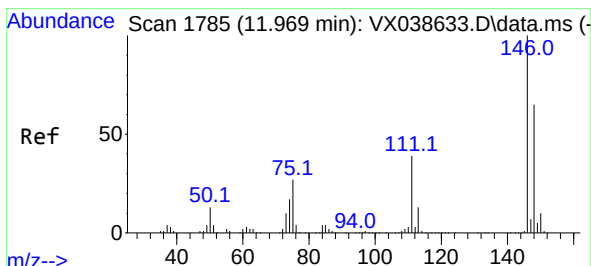
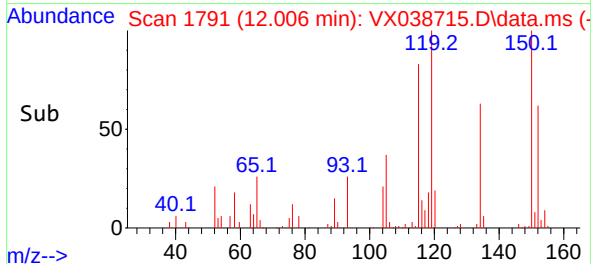
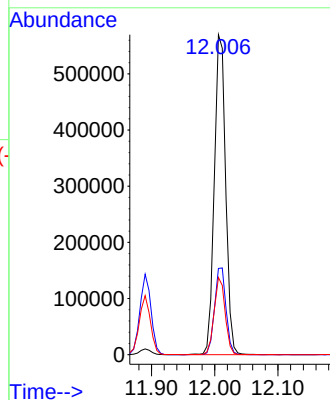
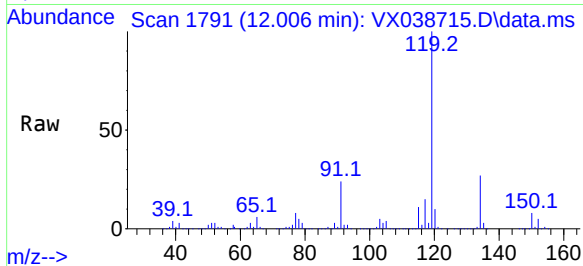




#86  
p-Isopropyltoluene  
Concen: 48.143 ug/l  
RT: 12.006 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

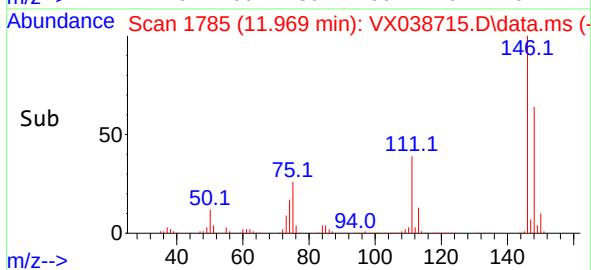
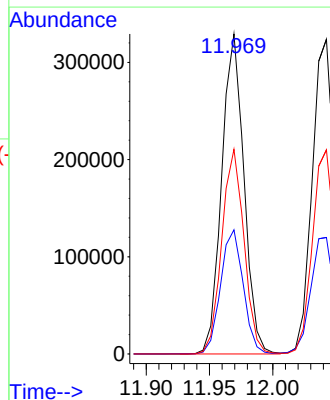
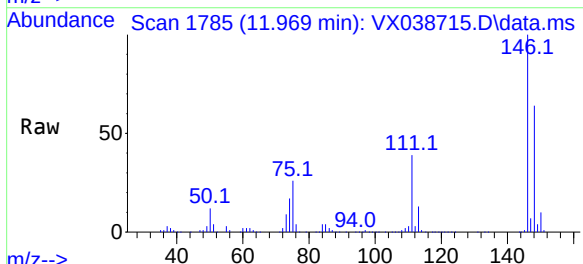
Instrument :  
MSVOA\_X  
ClientSampleId :

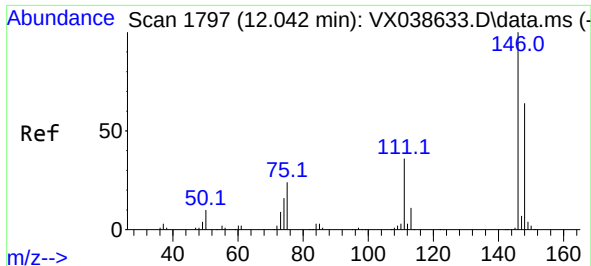
Tgt Ion:119 Resp: 708341  
Ion Ratio Lower Upper  
119 100  
134 27.4 12.8 38.3  
91 23.5 13.1 39.3



#87  
1,3-Dichlorobenzene  
Concen: 48.255 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

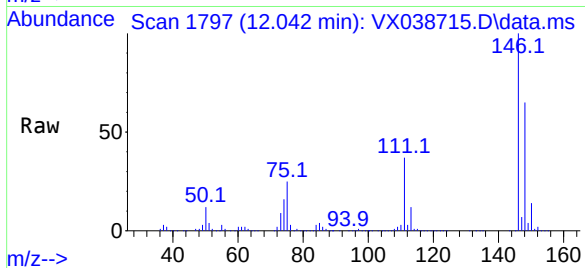
Tgt Ion:146 Resp: 401884  
Ion Ratio Lower Upper  
146 100  
111 39.6 22.1 66.1  
148 64.0 31.8 95.3



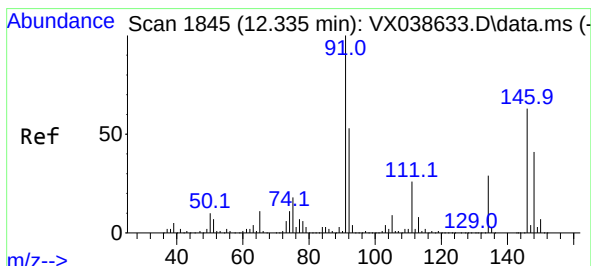
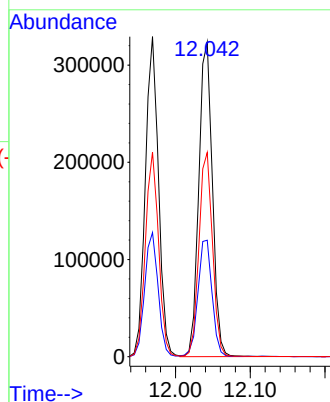
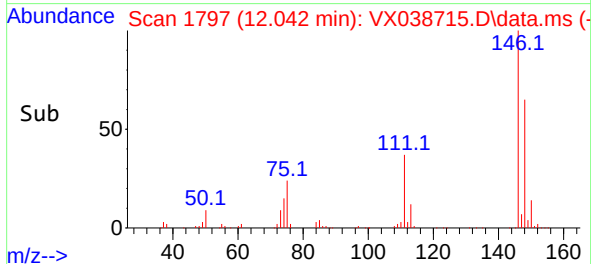


#88  
1,4-Dichlorobenzene  
Concen: 47.651 ug/l  
RT: 12.042 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

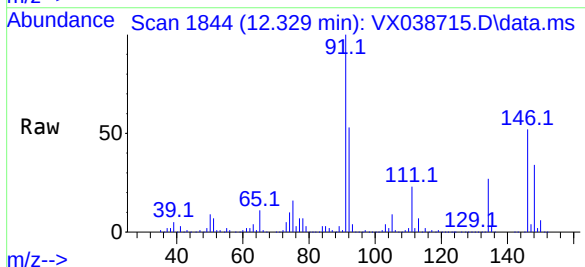
Instrument :  
MSVOA\_X  
ClientSampleId :



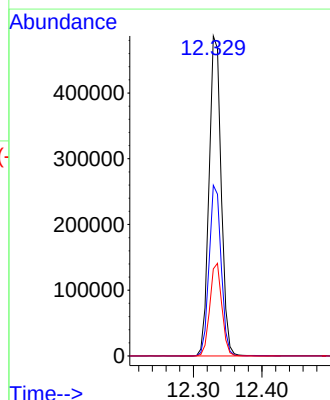
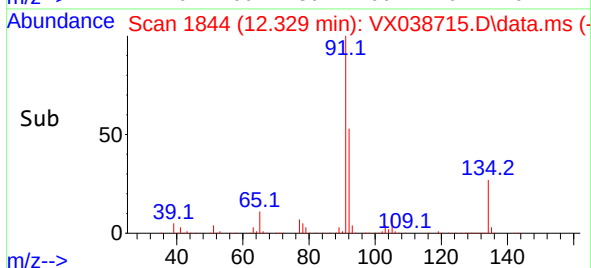
Tgt Ion:146 Resp: 407913  
Ion Ratio Lower Upper  
146 100  
111 38.5 21.3 63.7  
148 64.6 31.8 95.4



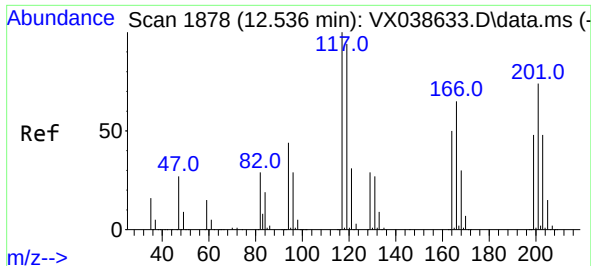
#89  
n-Butylbenzene  
Concen: 45.860 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16



Tgt Ion: 91 Resp: 600450  
Ion Ratio Lower Upper  
91 100  
92 53.0 27.4 82.0  
134 28.6 12.6 37.8

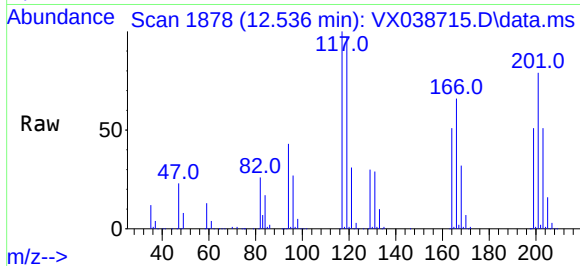




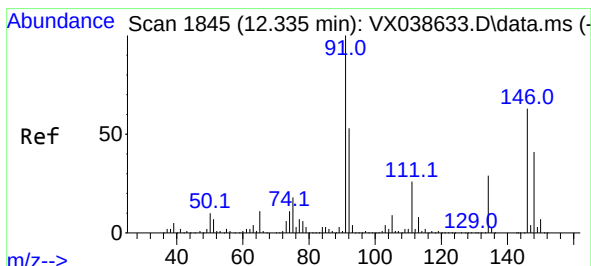
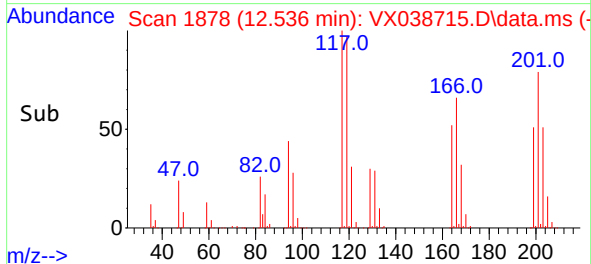
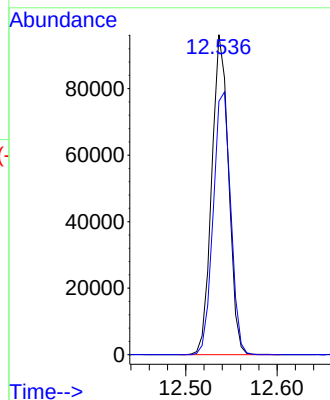


#90  
Hexachloroethane  
Concen: 49.320 ug/l  
RT: 12.536 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

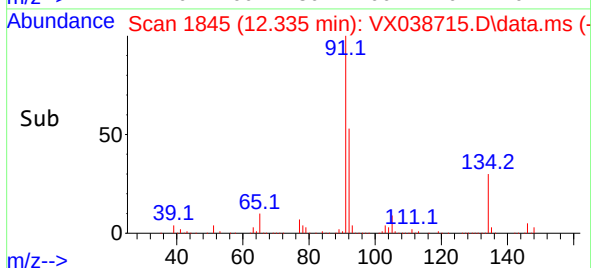
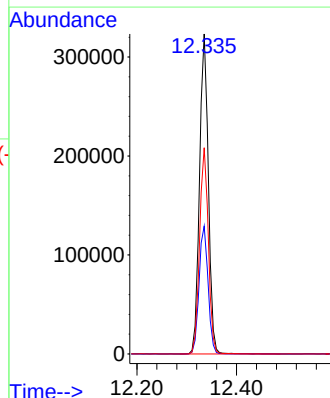
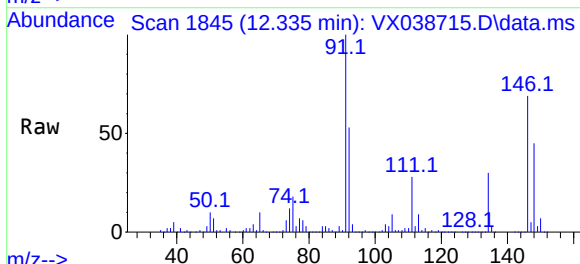


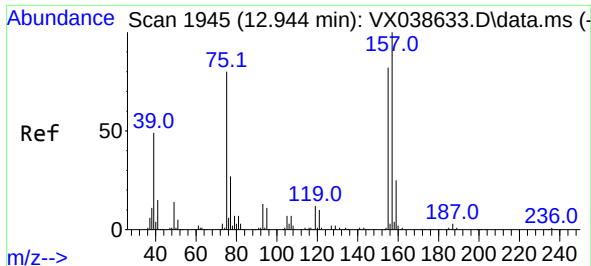
Tgt Ion:117 Resp: 122916  
Ion Ratio Lower Upper  
117 100  
201 85.1 32.9 98.6



#91  
1,2-Dichlorobenzene  
Concen: 48.816 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:146 Resp: 397049  
Ion Ratio Lower Upper  
146 100  
111 40.9 22.4 67.0  
148 64.2 31.6 95.0

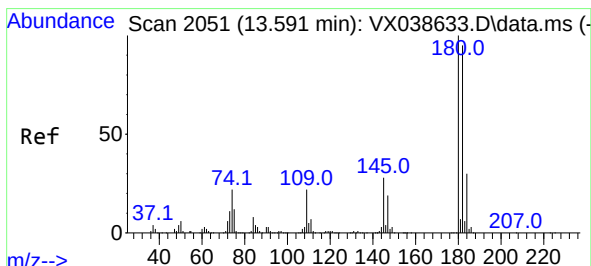
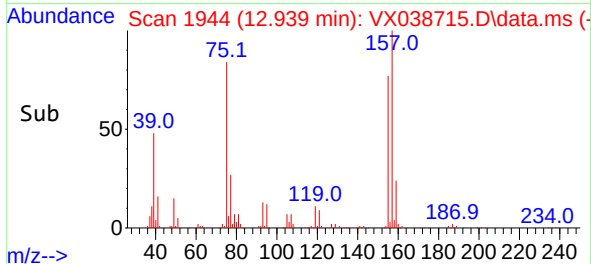
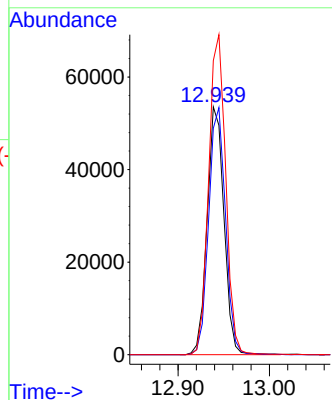
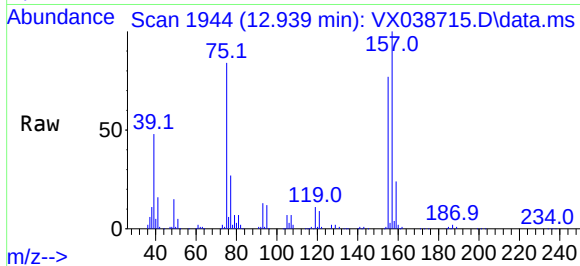




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.715 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

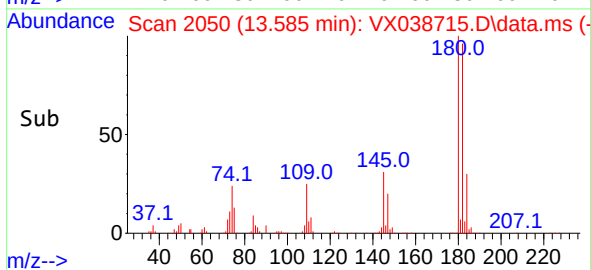
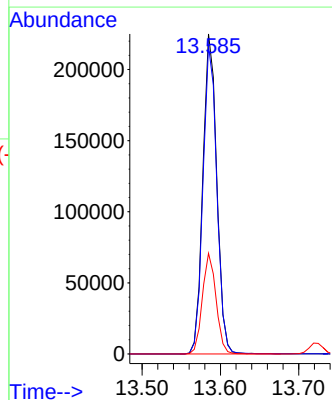
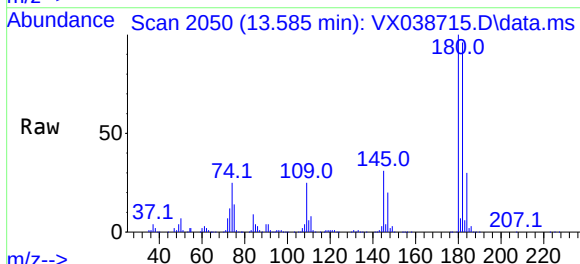
Instrument :  
MSVOA\_X  
ClientSampleId :

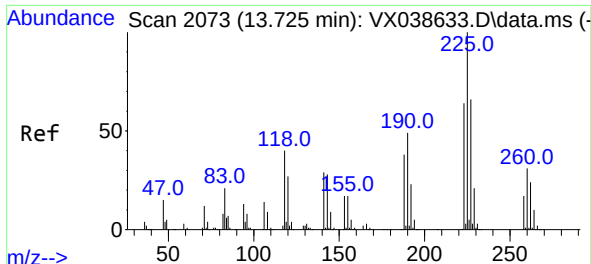
Tgt Ion: 75 Resp: 68562  
Ion Ratio Lower Upper  
75 100  
155 100.0 36.1 108.5  
157 130.8 44.9 134.7



#93  
1,2,4-Trichlorobenzene  
Concen: 47.524 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Tgt Ion:180 Resp: 276473  
Ion Ratio Lower Upper  
180 100  
182 96.2 48.3 144.8  
145 30.9 18.0 54.0

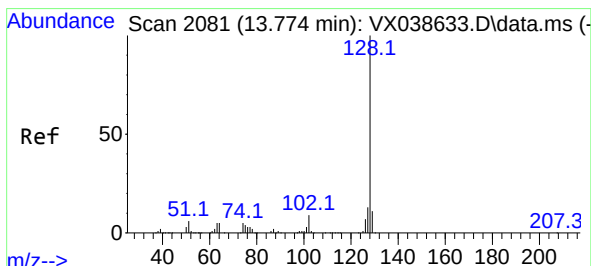
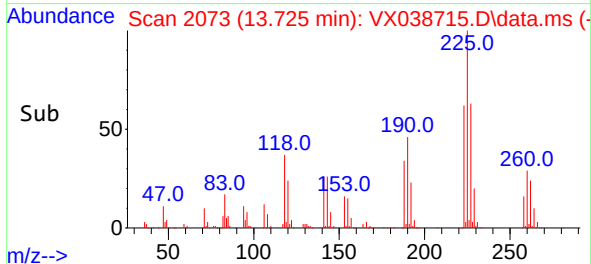
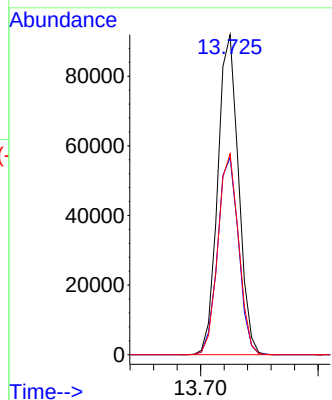
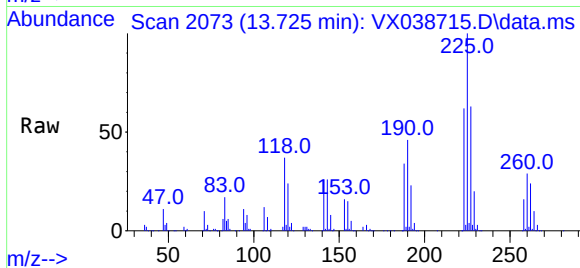




#94  
Hexachlorobutadiene  
Concen: 44.996 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

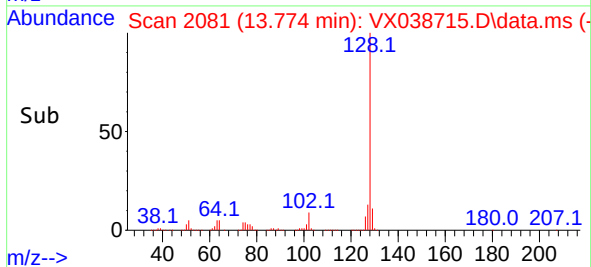
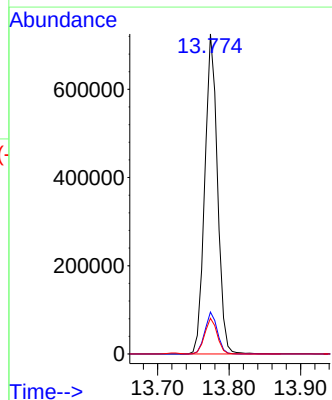
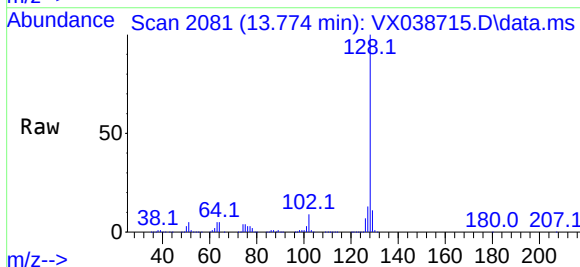
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:225 Resp: 112952  
Ion Ratio Lower Upper  
225 100  
223 62.0 31.1 93.2  
227 62.7 32.5 97.5

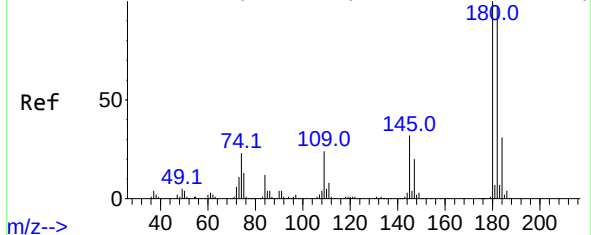


#95  
Naphthalene  
Concen: 50.929 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

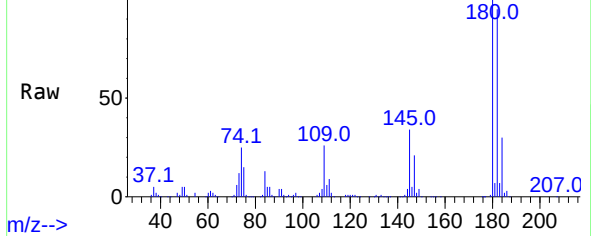
Tgt Ion:128 Resp: 893701  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.0 8.8 13.2



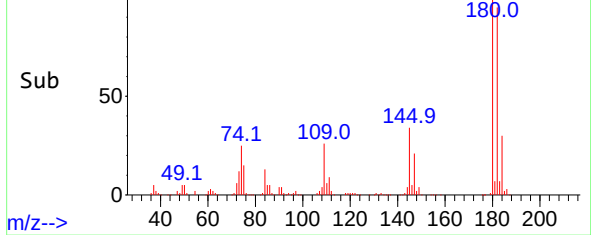
Abundance Scan 2112 (13.963 min): VX038633.D\data.ms (-



Abundance Scan 2111 (13.957 min): VX038715.D\data.ms (-



Abundance Scan 2111 (13.957 min): VX038715.D\data.ms (-



#96  
1,2,3-Trichlorobenzene  
Concen: 47.877 ug/l  
RT: 13.957 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX038715.D  
Acq: 10 Nov 2023 09:16

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tgt Ion: | 180   | Resp: | 274528 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.4  | 46.9  | 140.6  |
| 145      | 32.8  | 17.8  | 53.5   |

