

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112123\  
 Data File : VX038996.D  
 Acq On : 21 Nov 2023 19:39  
 Operator : JC/MD  
 Sample : 05431-04MSD 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 22 03:25:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 114889   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 213037   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 200706   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 103365   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 96464    | 52.107   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 104.220% |
| 35) Dibromofluoromethane     | 5.385  | 113   | 76066    | 49.438   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 98.880%  |
| 50) Toluene-d8               | 8.647  | 98    | 283767   | 48.204   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 96.400%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 114956   | 48.782   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 97.560%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 64009    | 47.749   | ug/l   | 99       |
| 3) Chloromethane             | 1.294  | 50    | 70006    | 40.011   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 76058    | 45.127   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 47265    | 67.827   | ug/l   | 98       |
| 6) Chloroethane              | 1.685  | 64    | 44899    | 46.681   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 104370   | 48.800   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 43312    | 46.496   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 61775    | 43.554   | ug/l   | 94       |
| 10) Methyl Iodide            | 2.453  | 142   | 70261    | 40.700   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 2.953  | 59    | 123246   | 239.363  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 61524    | 42.965   | ug/l   | 95       |
| 13) Acrolein                 | 2.233  | 56    | 63611    | 233.511  | ug/l   | 97       |
| 14) Allyl chloride           | 2.666  | 41    | 125877   | 43.906   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062  | 53    | 250525   | 230.269  | ug/l   | 98       |
| 16) Acetone                  | 2.373  | 43    | 218799   | 222.019  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.508  | 76    | 163010   | 36.750   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.697  | 43    | 235288   | 50.264   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 243808   | 48.408   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 75872    | 42.708   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 68723    | 43.495   | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.757  | 45    | 252367   | 47.983   | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.721  | 43    | 884841   | 233.596  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 136803   | 46.513   | ug/l   | 99       |
| 25) 2-Butanone               | 4.550  | 43    | 364910   | 228.337  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 114235   | 44.776   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 126475   | 68.673   | ug/l   | 92       |
| 28) Bromochloromethane       | 4.897  | 49    | 72646    | 51.445   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 4.995  | 42    | 241351   | 237.851  | ug/l   | 98       |
| 30) Chloroform               | 5.092  | 83    | 138748   | 48.311   | ug/l   | 97       |
| 31) Cyclohexane              | 5.470  | 56    | 111896   | 42.335   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 120870   | 48.589   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 99326    | 45.042   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.708  | 43    | 134509   | 46.818   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 101770   | 49.934   | ug/l   | 95       |
| 39) Methylcyclohexane        | 7.379  | 83    | 116600   | 40.537   | ug/l   | 95       |
| 40) Benzene                  | 6.037  | 78    | 297673   | 45.640   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112123\  
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 Operator : JC/MD  
 Sample : 05431-04MSD 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 22 03:25:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 73601    | 49.394  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 110921   | 51.330  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 218102   | 47.501  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 129360   | 81.483  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 82341    | 46.913  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 56965    | 48.668  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 111501   | 47.996  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 103250   | 46.347  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 38835    | 901.074 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 720740   | 245.633 | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 187958   | 46.439  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 127804   | 46.293  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 133339   | 46.757  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 80148    | 47.459  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 135437   | 47.399  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 133977   | 47.969  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 312036   | 234.422 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 563739   | 239.700 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 83005    | 48.339  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 85112    | 48.028  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 57557    | 46.136  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 200410   | 46.354  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 74638    | 47.992  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 372832   | 46.937  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 279229   | 92.929  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 137988   | 46.411  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 233069   | 46.417  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 61575    | 47.494  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 362566   | 45.019  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 188597   | 44.300  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 139957   | 44.518  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 160862   | 62.375  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 81100    | 44.816  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 441673   | 44.554  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 259819   | 44.164  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 308263   | 45.523  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 46114    | 39.662  | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 304873   | 44.944  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 301506   | 45.209  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 310334   | 45.278  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 393242   | 45.079  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 316240   | 45.159  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 160641   | 45.332  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 162545   | 44.816  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 310673   | 43.972  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 60569    | 43.312  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 157697   | 46.919  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 35119    | 45.594  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 101444   | 45.040  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 35478    | 44.481  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 379555   | 45.247  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 99053    | 46.393  | ug/l   | 99       |

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Operator : JC/MD  
Sample : 05431-04MSD 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

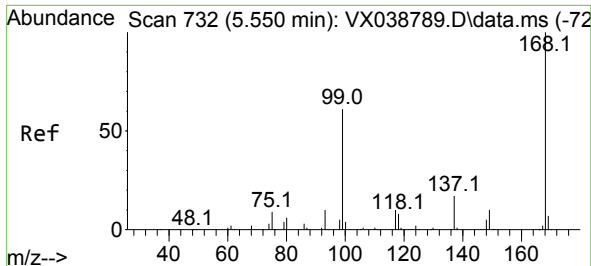
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 22 03:25:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 16 22:59:22 2023  
Response via : Initial Calibration

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

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

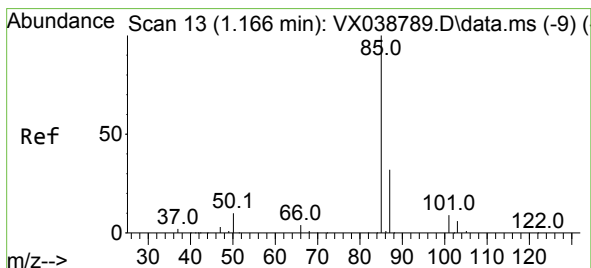
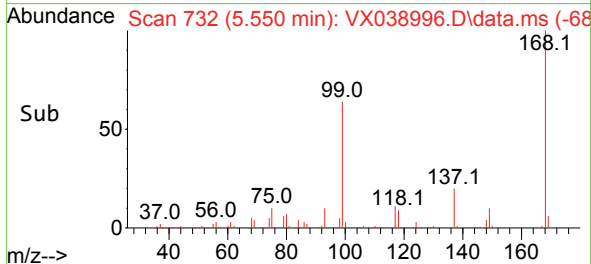
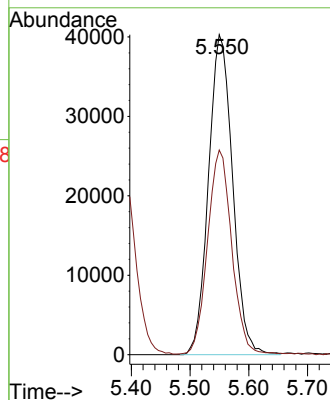
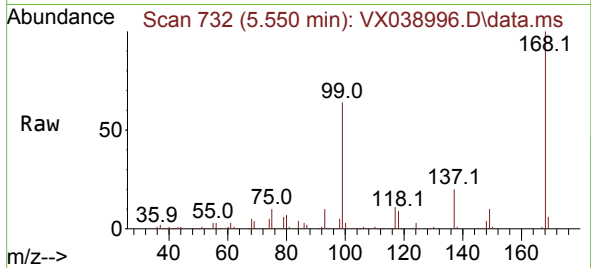




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

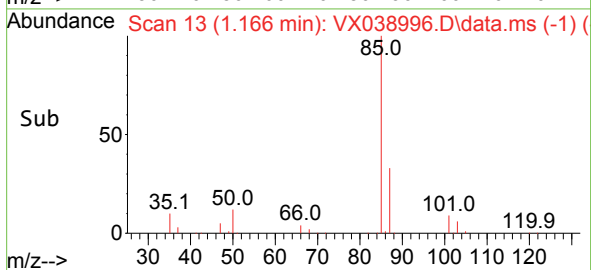
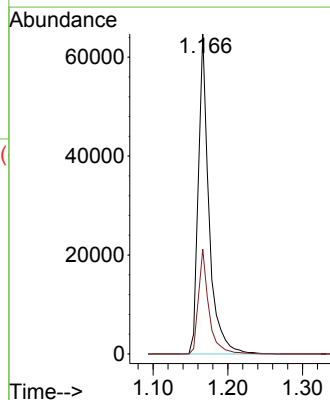
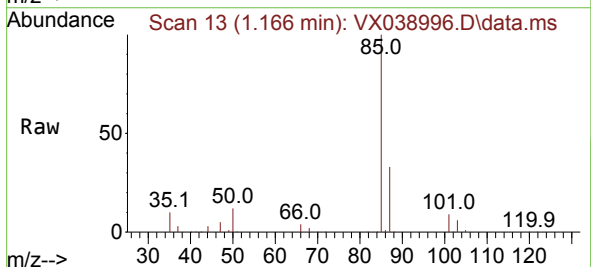
Instrument :  
MSVOA\_X  
ClientSampleId :

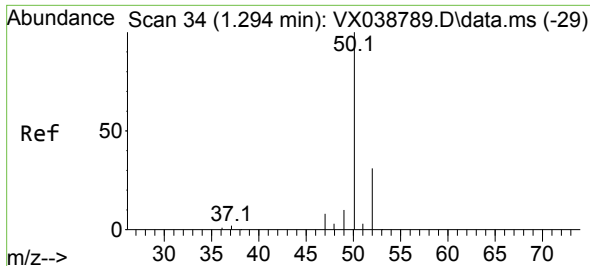
Tgt Ion:168 Resp: 114889  
Ion Ratio Lower Upper  
168 100  
99 63.7 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 47.749 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 85 Resp: 64009  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1

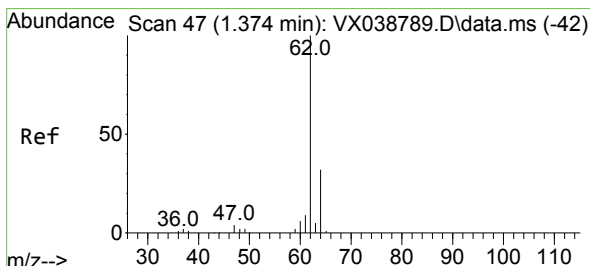
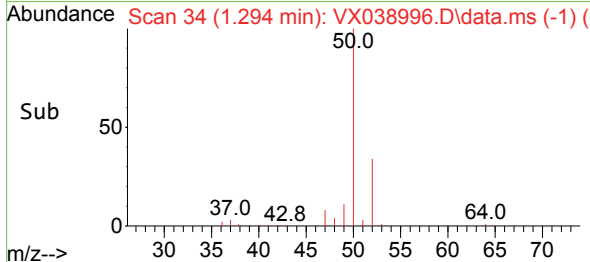
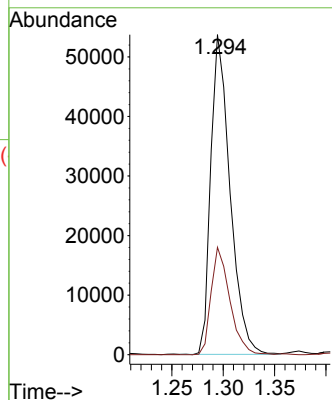
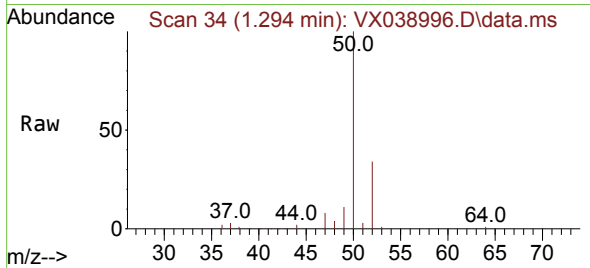




#3  
Chloromethane  
Concen: 40.011 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

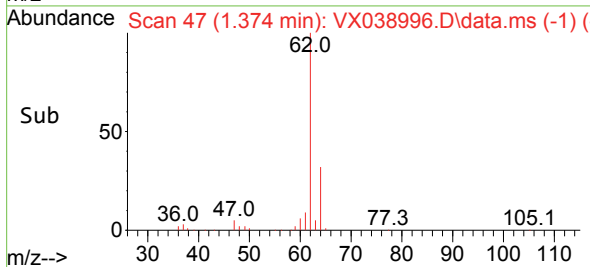
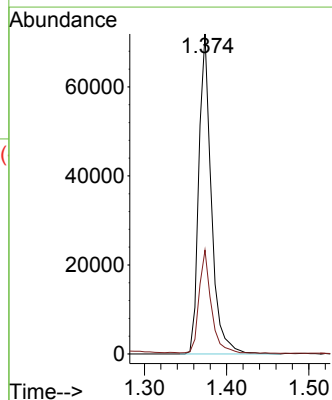
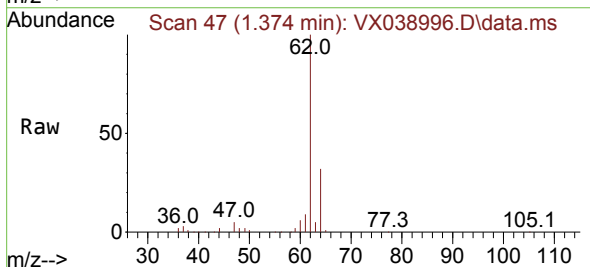
Instrument :  
MSVOA\_X  
ClientSampleId :

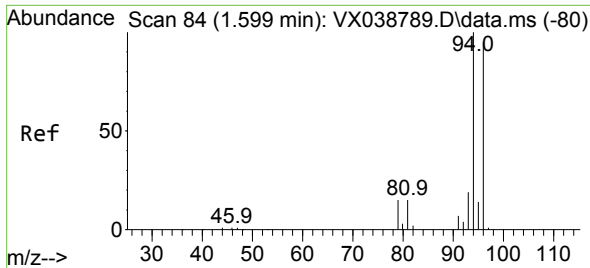
Tgt Ion: 50 Resp: 70006  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 45.127 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 62 Resp: 76058  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.4 38.0

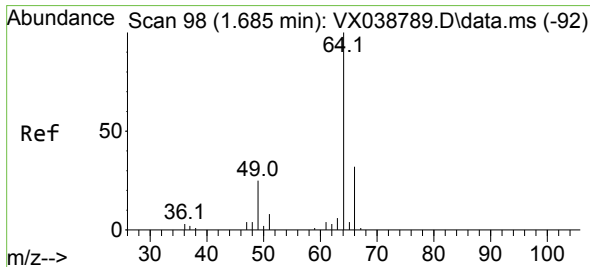
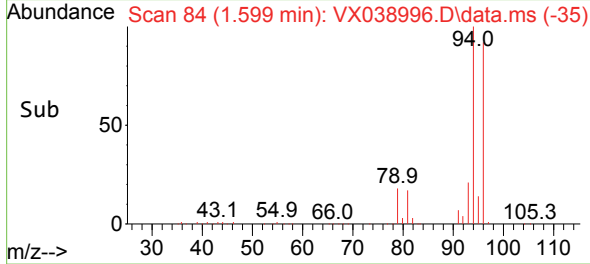
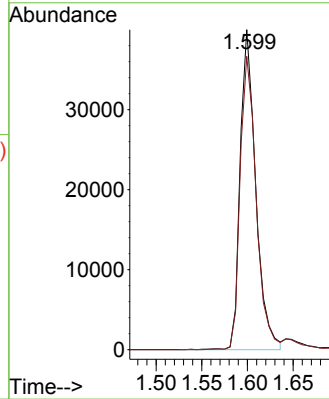
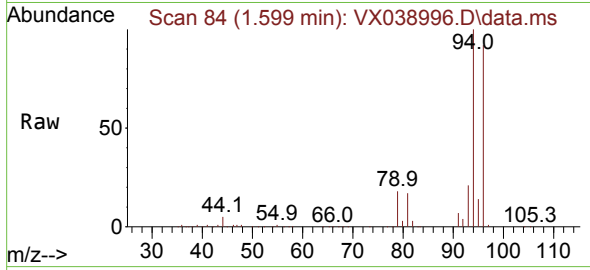




#5  
Bromomethane  
Concen: 67.827 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

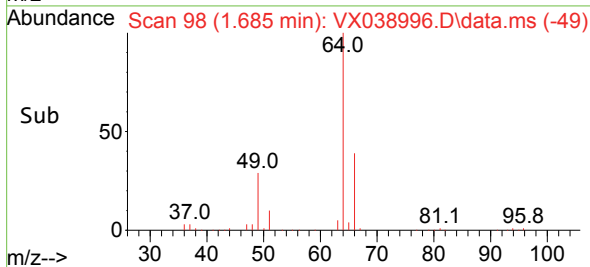
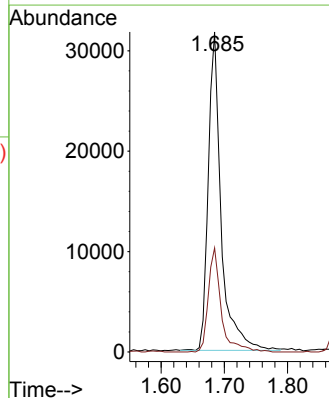
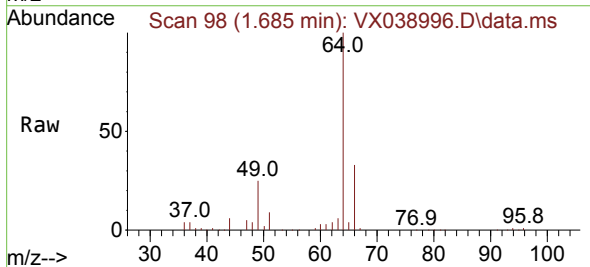
Instrument :  
MSVOA\_X  
ClientSampleId :

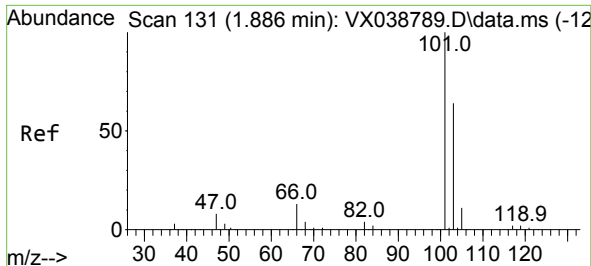
Tgt Ion: 94 Resp: 47265  
Ion Ratio Lower Upper  
94 100  
96 91.7 74.6 111.8



#6  
Chloroethane  
Concen: 46.681 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 64 Resp: 44899  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.1 37.7

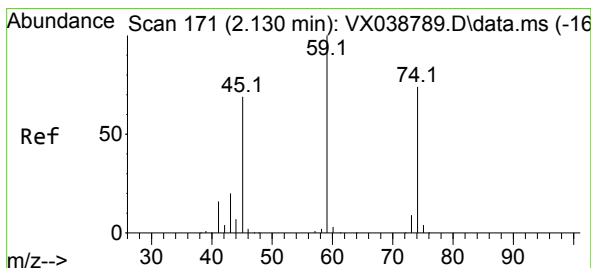
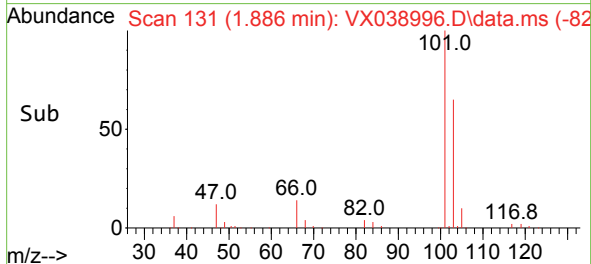
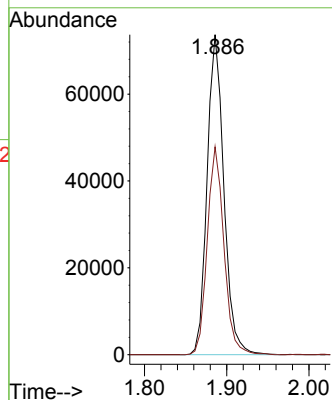
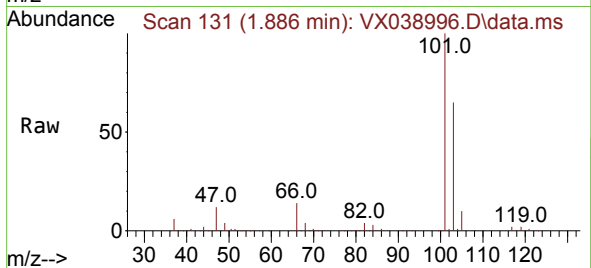




#7  
Trichlorofluoromethane  
Concen: 48.800 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

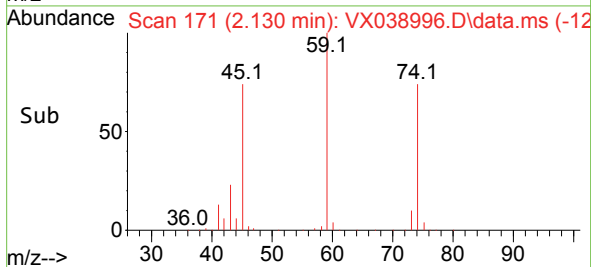
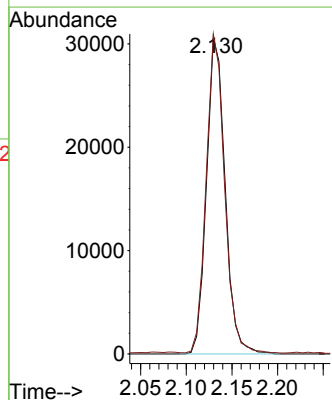
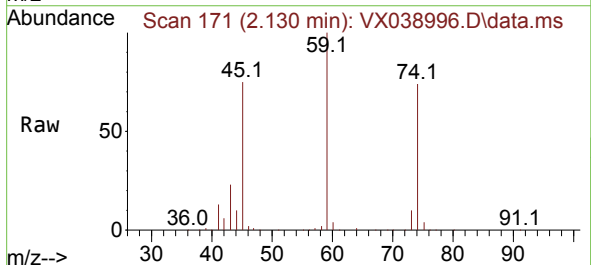
Instrument :  
MSVOA\_X  
ClientSampleId :

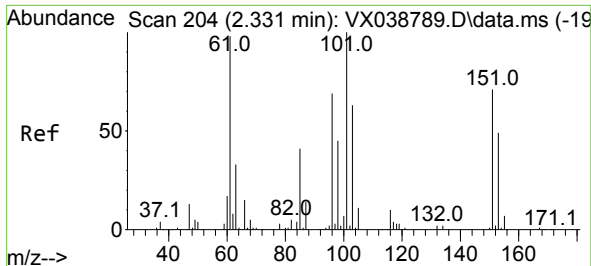
Tgt Ion:101 Resp: 104370  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.4 77.2



#8  
Diethyl Ether  
Concen: 46.496 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 74 Resp: 43312  
Ion Ratio Lower Upper  
74 100  
45 99.5 53.3 159.8

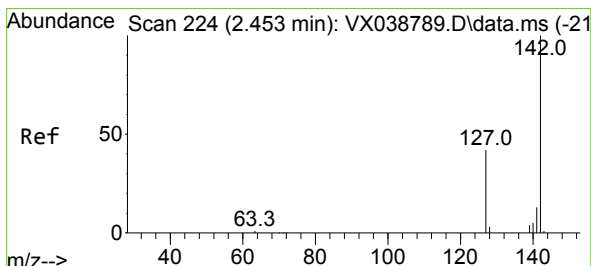
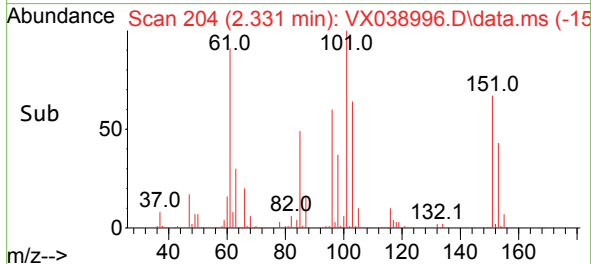
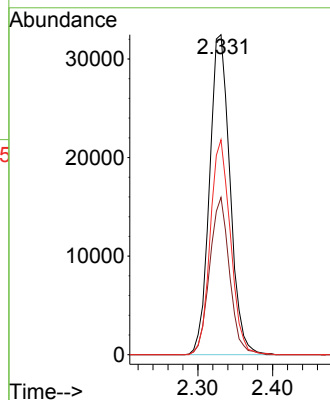
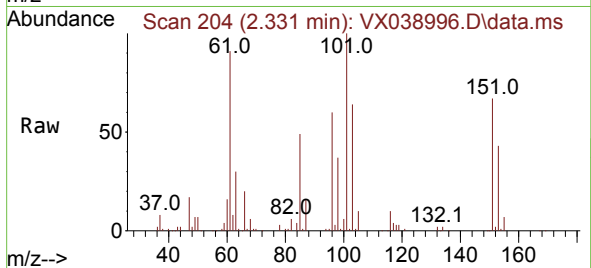




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.554 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

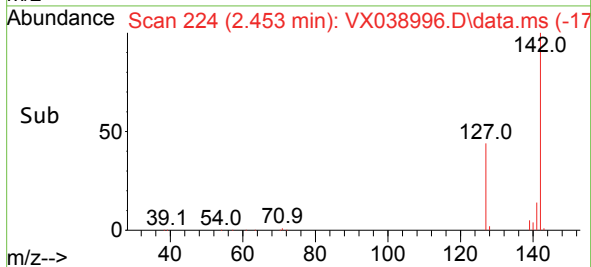
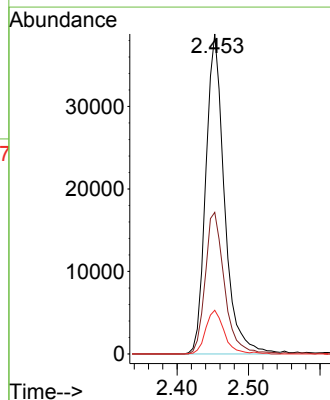
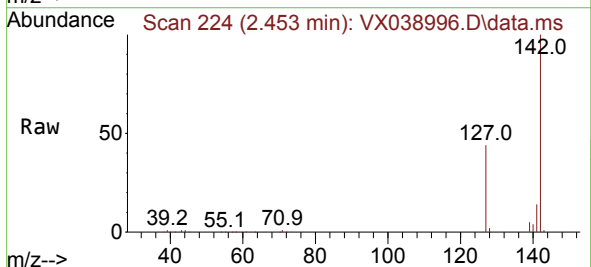
Instrument :  
MSVOA\_X  
ClientSampleId :

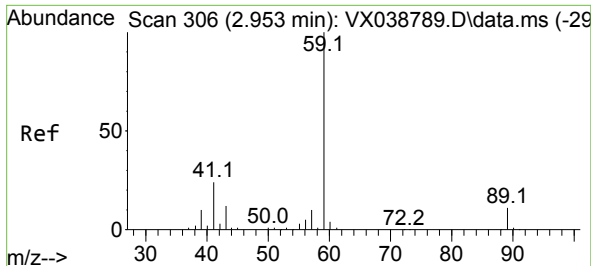
Tgt Ion:101 Resp: 61775  
Ion Ratio Lower Upper  
101 100  
85 47.7 37.0 55.6  
151 66.4 58.6 87.8



#10  
Methyl Iodide  
Concen: 40.700 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion:142 Resp: 70261  
Ion Ratio Lower Upper  
142 100  
127 45.7 41.6 62.4  
141 13.8 11.6 17.4

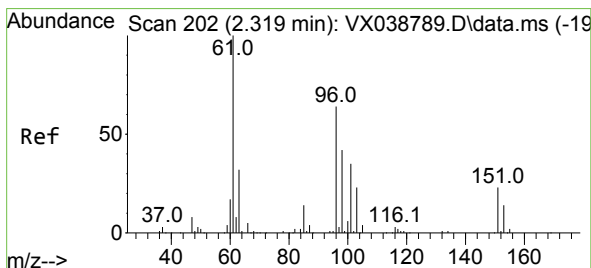
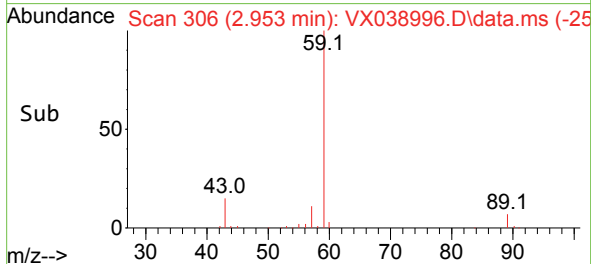
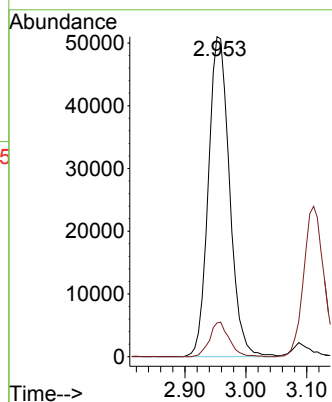
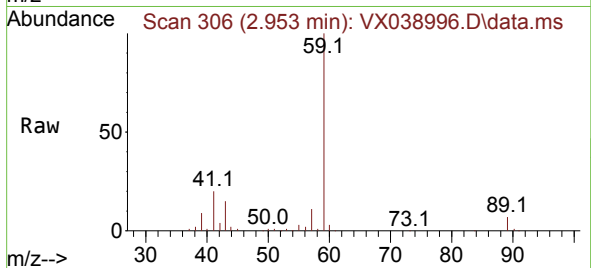




#11  
Tert butyl alcohol  
Concen: 239.363 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

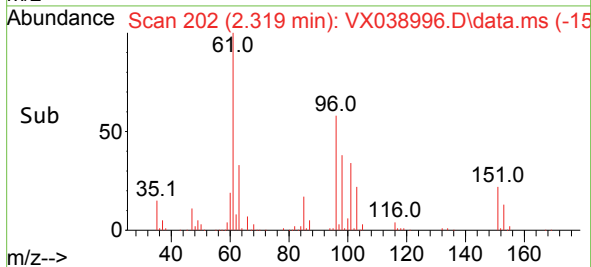
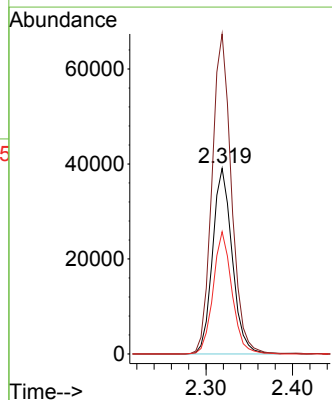
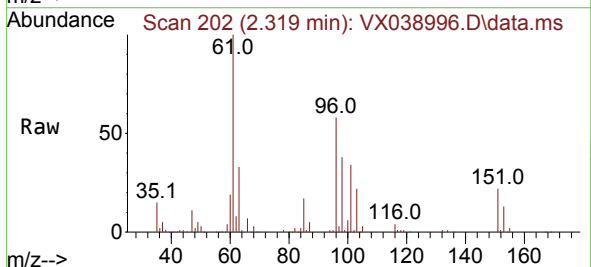
Instrument :  
MSVOA\_X  
ClientSampleId :

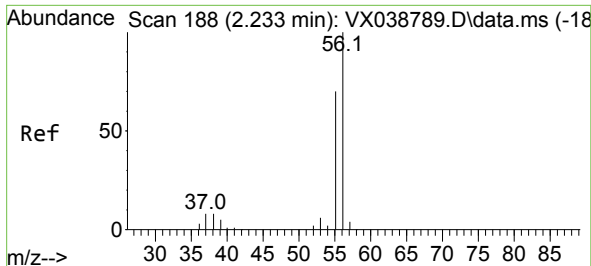
Tgt Ion: 59 Resp: 123246  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 42.965 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 96 Resp: 61524  
Ion Ratio Lower Upper  
96 100  
61 172.4 144.6 216.8  
98 65.8 50.4 75.6

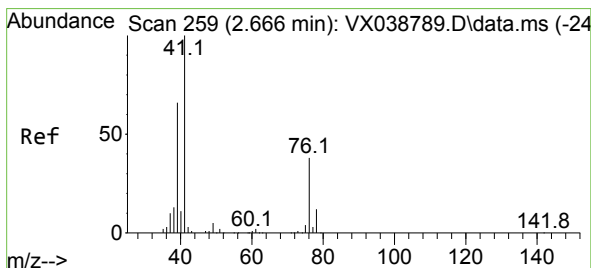
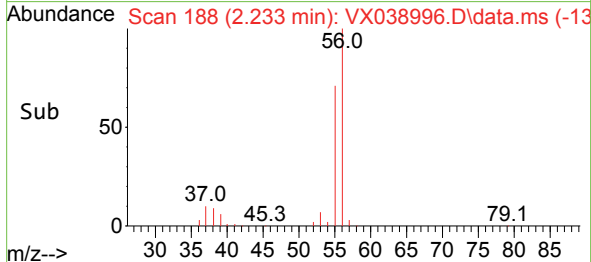
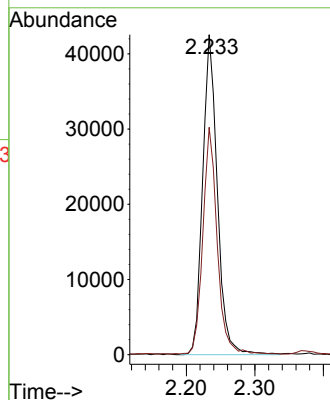
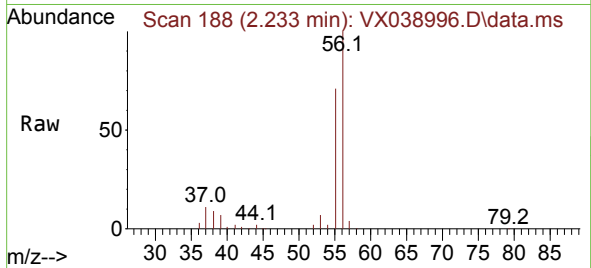




#13  
Acrolein  
Concen: 233.511 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

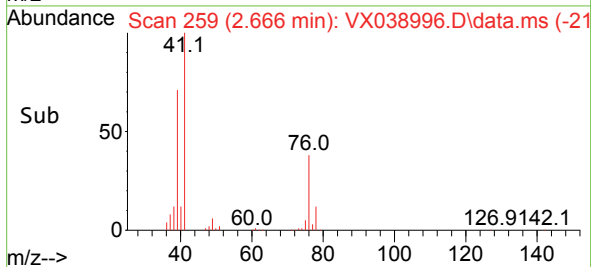
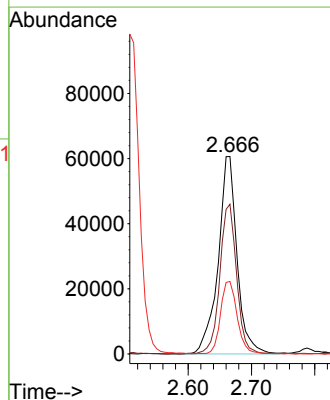
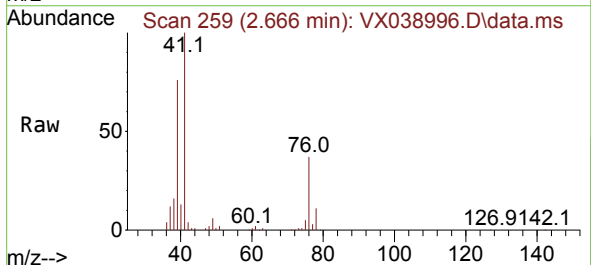
Instrument :  
MSVOA\_X  
ClientSampleId :

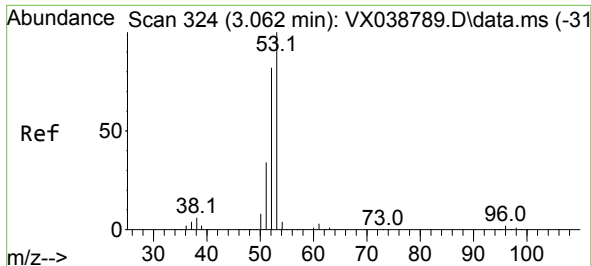
Tgt Ion: 56 Resp: 63611  
Ion Ratio Lower Upper  
56 100  
55 69.2 57.1 85.7



#14  
Allyl chloride  
Concen: 43.906 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

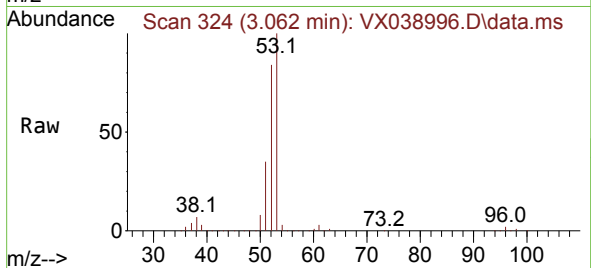
Tgt Ion: 41 Resp: 125877  
Ion Ratio Lower Upper  
41 100  
39 67.4 55.8 83.6  
76 32.3 24.3 36.5



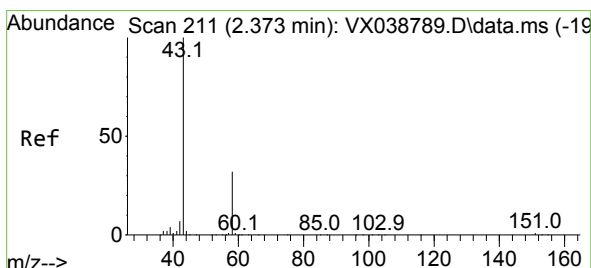
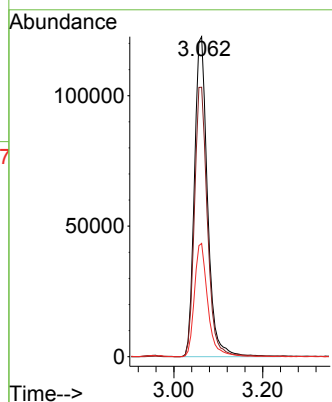
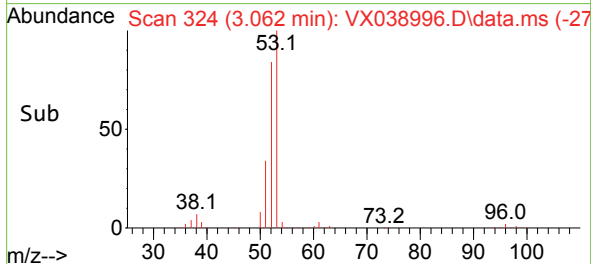


#15  
Acrylonitrile  
Concen: 230.269 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Instrument :  
MSVOA\_X  
ClientSampleId :

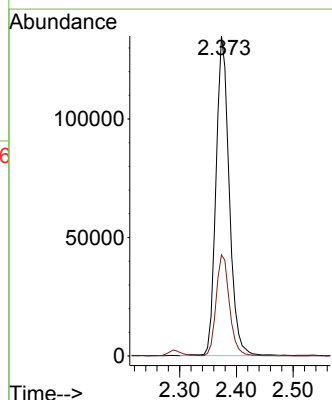
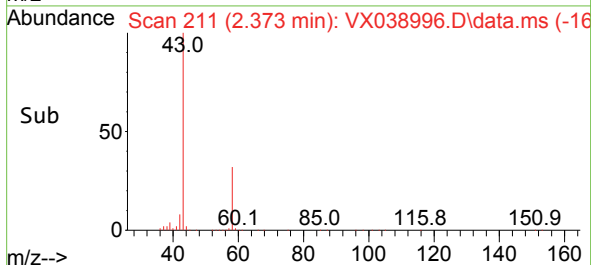
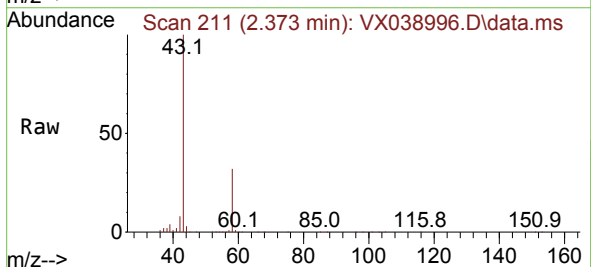


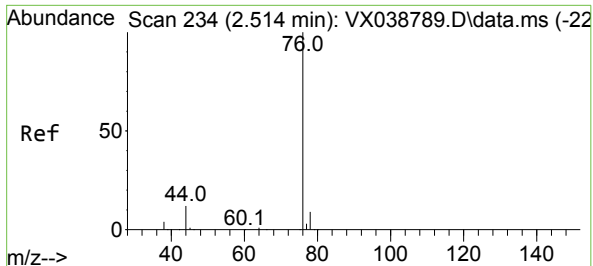
Tgt Ion: 53 Resp: 250525  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.0 99.0  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 222.019 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 43 Resp: 218799  
Ion Ratio Lower Upper  
43 100  
58 31.5 21.9 32.9





#17

Carbon Disulfide

Concen: 36.750 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

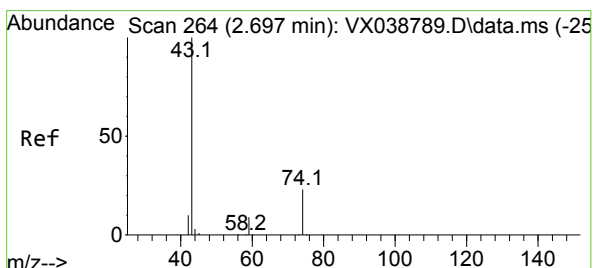
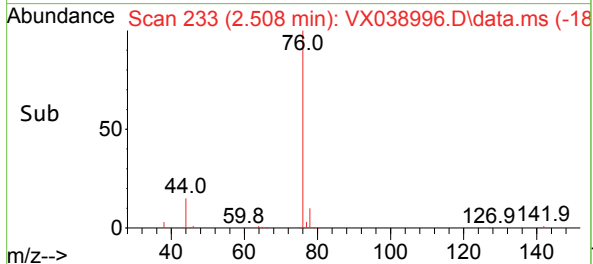
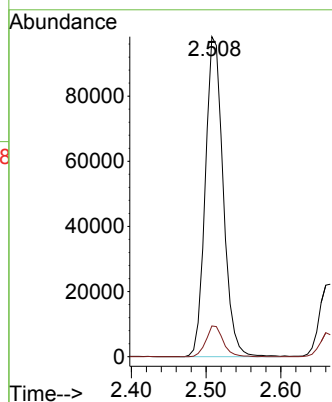
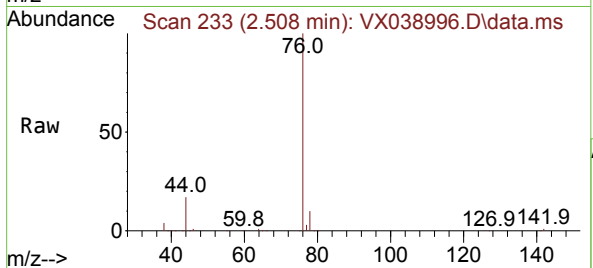
ClientSampleId :

Tgt Ion: 76 Resp: 163010

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#18

Methyl Acetate

Concen: 50.264 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX038996.D

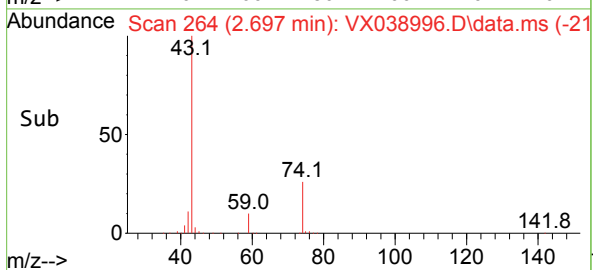
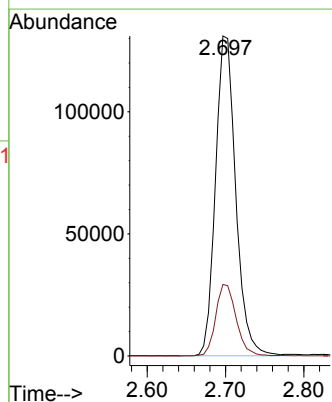
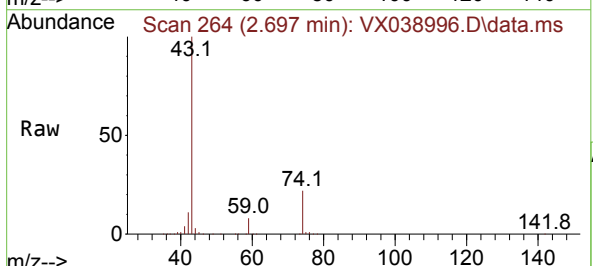
Acq: 21 Nov 2023 19:39

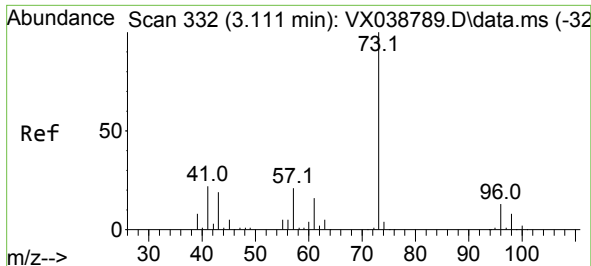
Tgt Ion: 43 Resp: 235288

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8

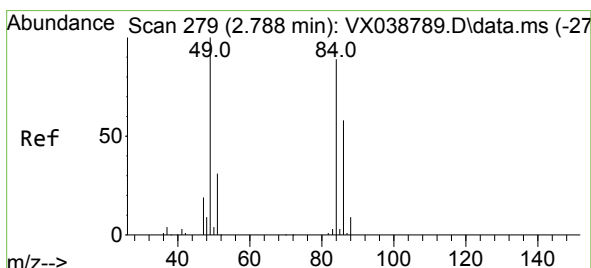
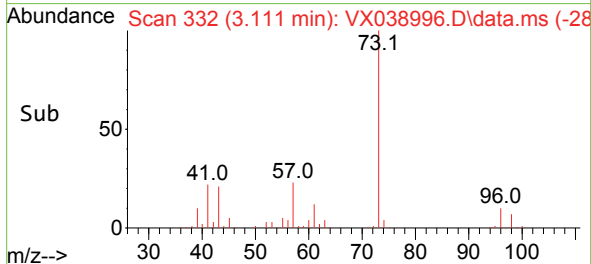
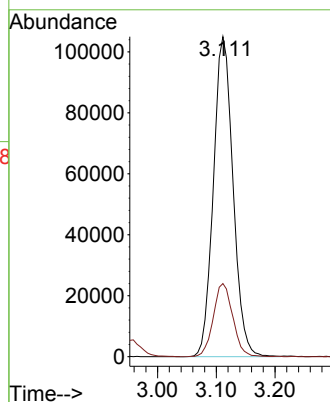
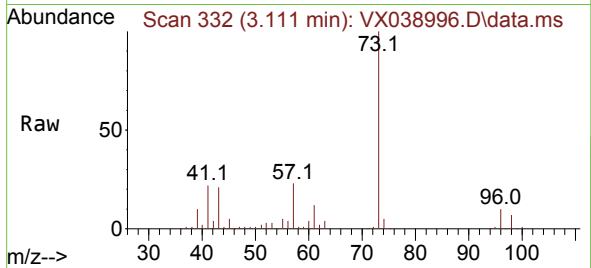




#19  
Methyl tert-butyl Ether  
Concen: 48.408 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

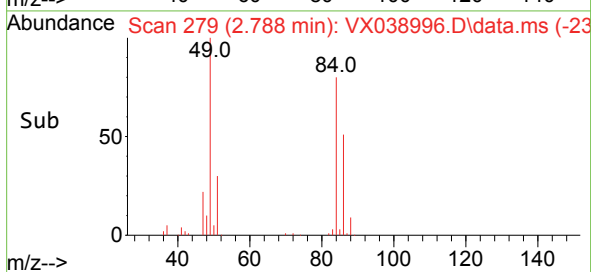
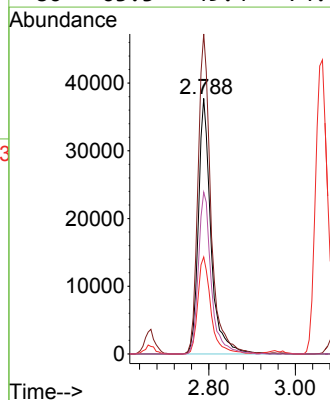
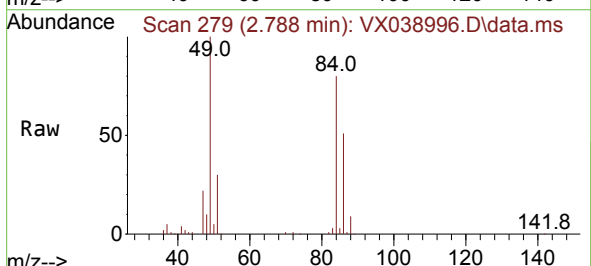
Instrument :  
MSVOA\_X  
ClientSampleId :

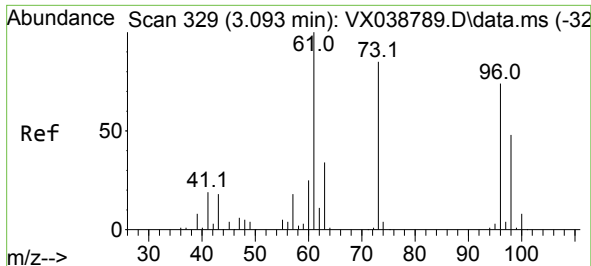
Tgt Ion: 73 Resp: 243808  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 42.708 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 84 Resp: 75872  
Ion Ratio Lower Upper  
84 100  
49 125.3 103.6 155.4  
51 38.0 33.8 50.6  
86 63.3 49.4 74.0

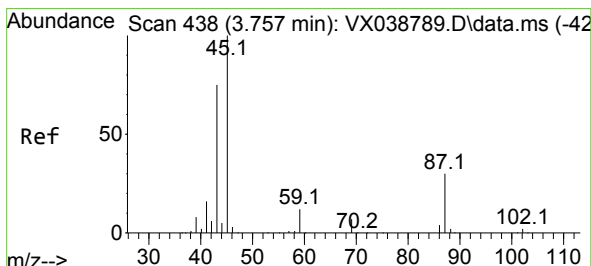
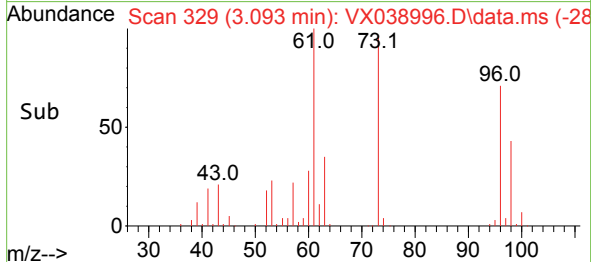
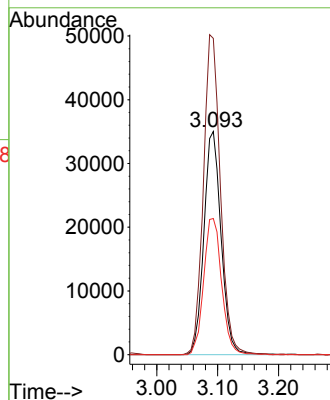
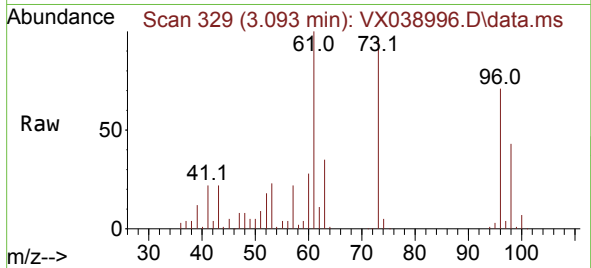




#21  
trans-1,2-Dichloroethene  
Concen: 43.495 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

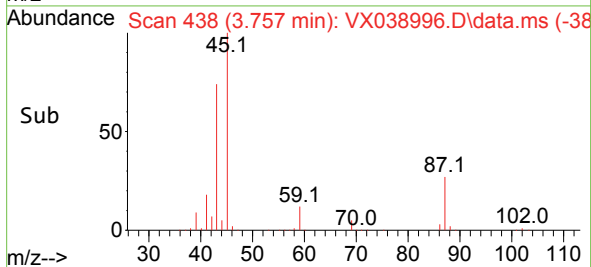
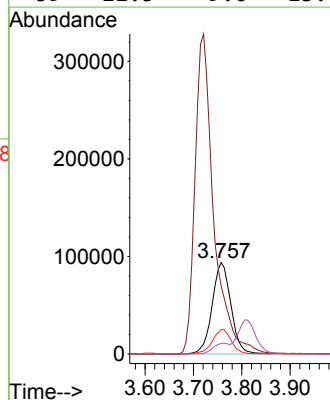
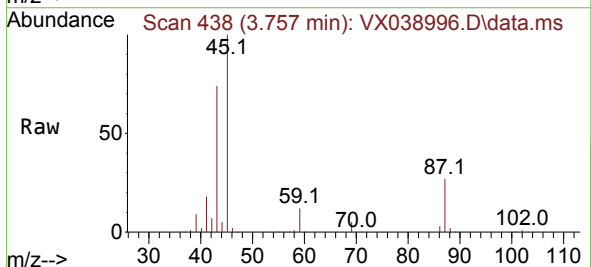
Instrument :  
MSVOA\_X  
ClientSampleId :

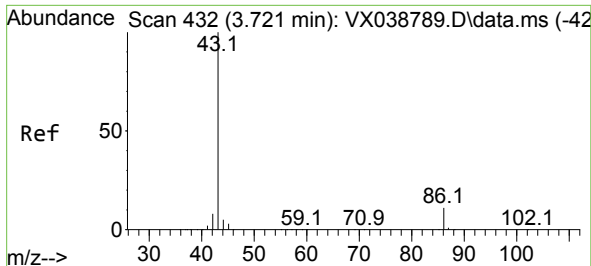
Tgt Ion: 96 Resp: 68723  
Ion Ratio Lower Upper  
96 100  
61 141.8 119.2 178.8  
98 61.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 47.983 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 45 Resp: 252367  
Ion Ratio Lower Upper  
45 100  
43 73.9 69.7 104.5  
87 26.7 20.8 31.2  
59 11.5 9.0 13.4

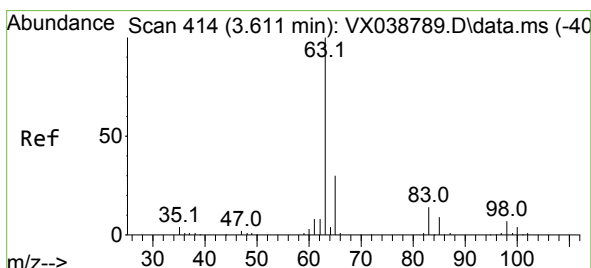
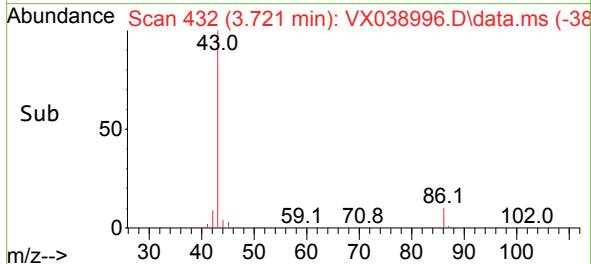
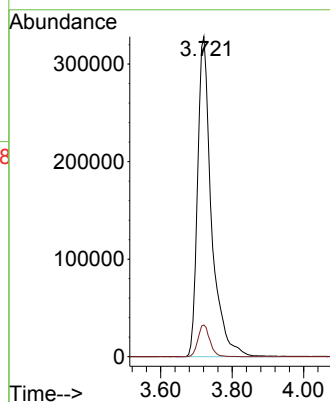
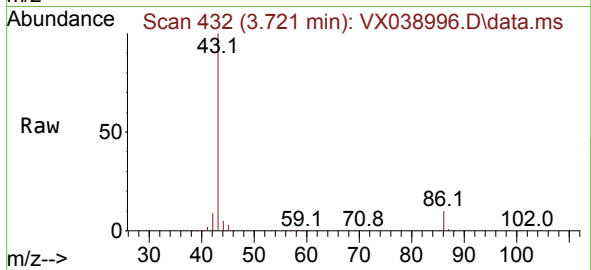




#23  
 Vinyl Acetate  
 Concen: 233.596 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

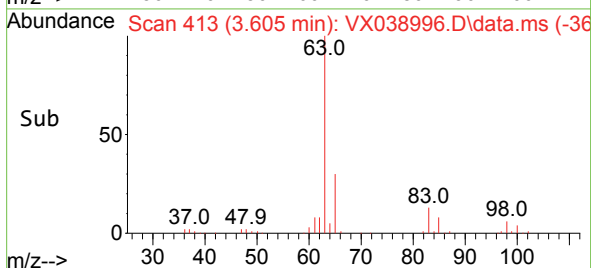
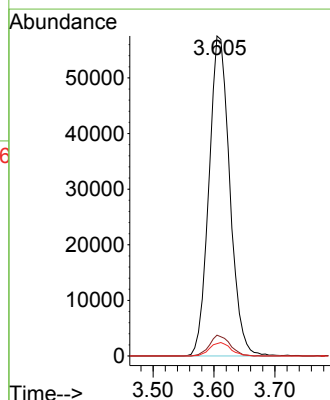
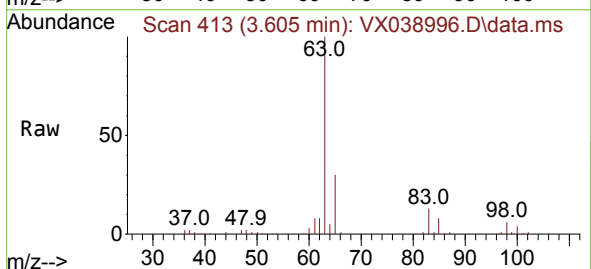
Instrument :  
 MSVOA\_X  
 ClientSampleId :

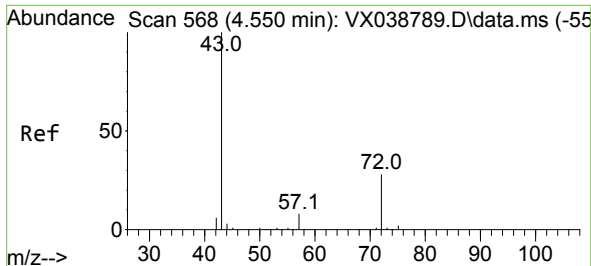
Tgt Ion: 43 Resp: 884841  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 46.513 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

Tgt Ion: 63 Resp: 136803  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 228.337 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

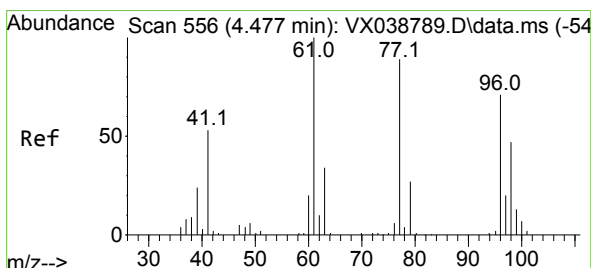
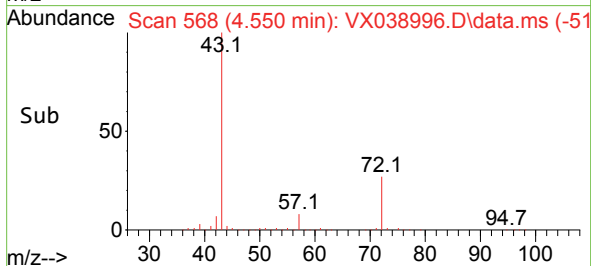
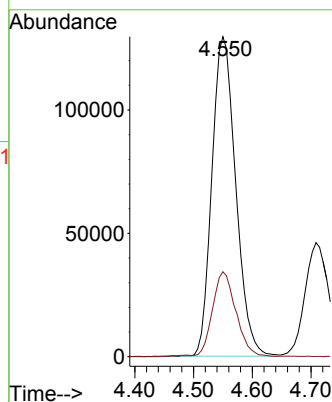
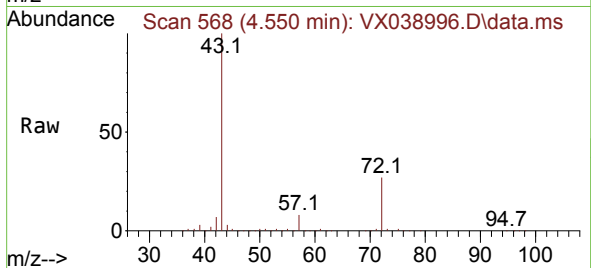
ClientSampleId :

Tgt Ion: 43 Resp: 364910

Ion Ratio Lower Upper

43 100

72 26.4 19.4 29.2



#26

2,2-Dichloropropane

Concen: 44.776 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038996.D

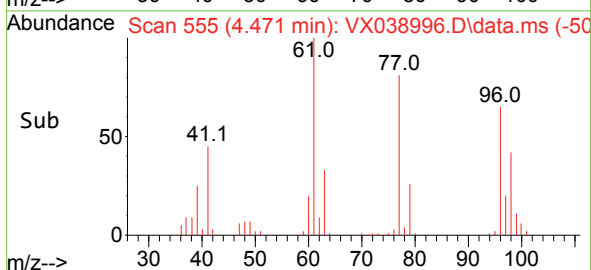
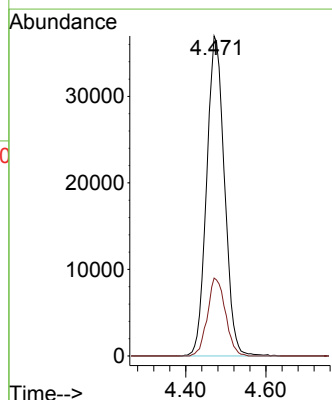
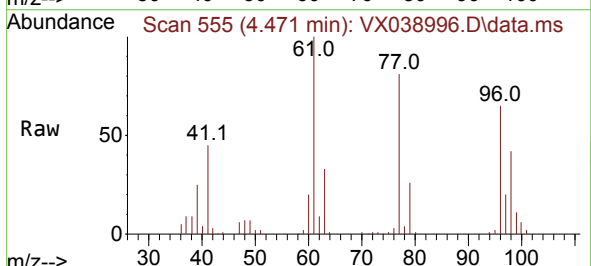
Acq: 21 Nov 2023 19:39

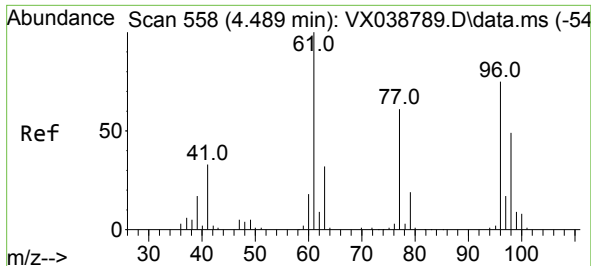
Tgt Ion: 77 Resp: 114235

Ion Ratio Lower Upper

77 100

97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 68.673 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

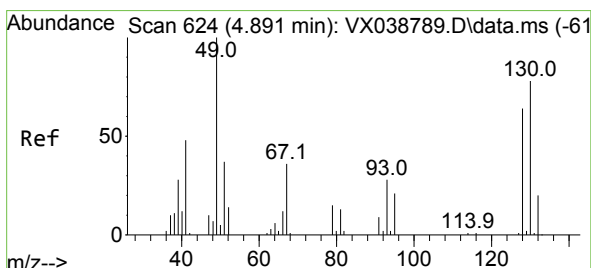
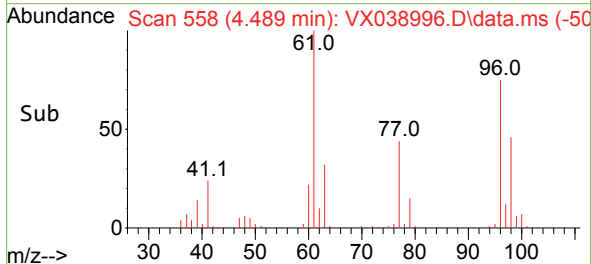
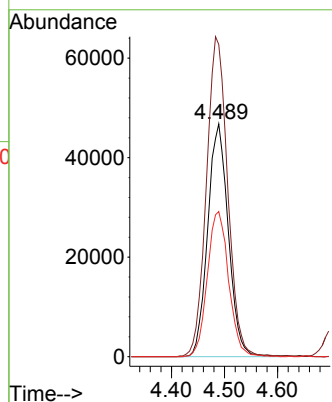
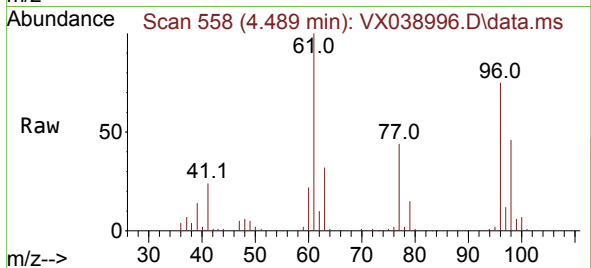
Tgt Ion: 96 Resp: 126475

Ion Ratio Lower Upper

96 100

61 141.8 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 51.445 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

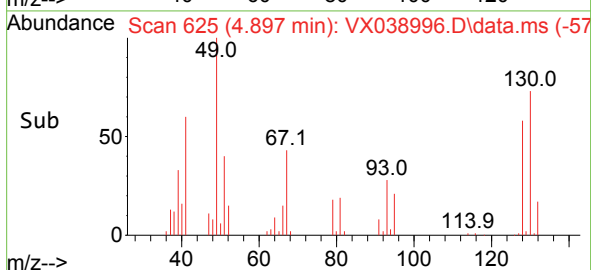
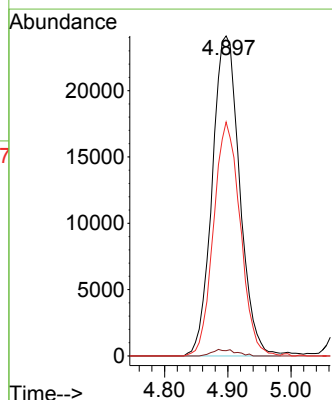
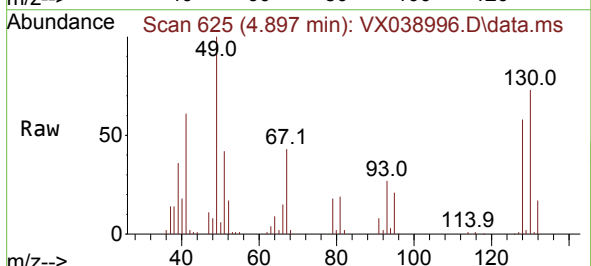
Tgt Ion: 49 Resp: 72646

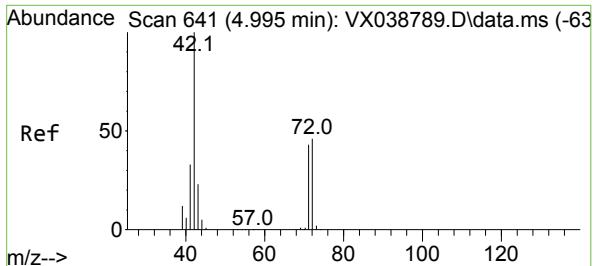
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.851 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

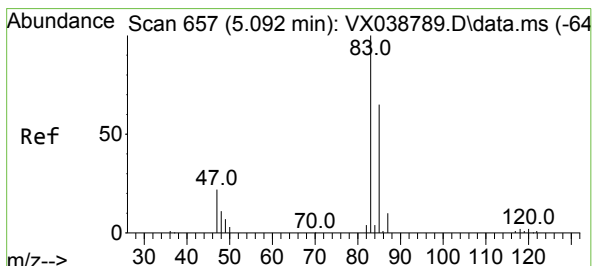
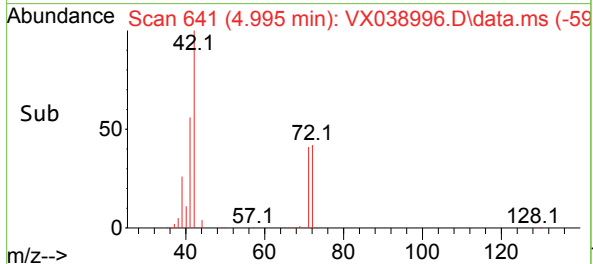
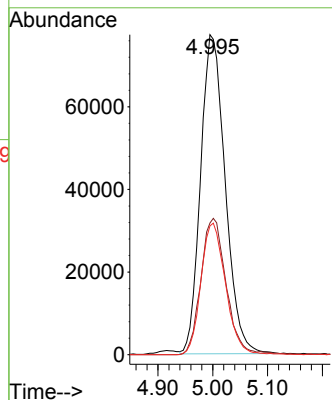
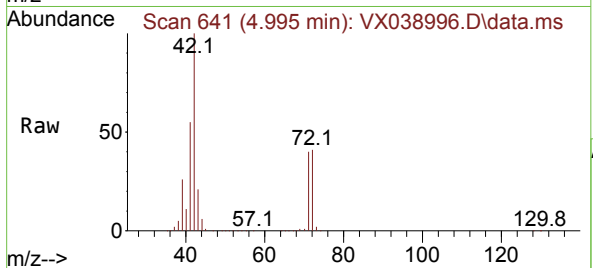
Tgt Ion: 42 Resp: 241351

Ion Ratio Lower Upper

42 100

72 44.0 34.2 51.4

71 41.2 32.2 48.2



#30

Chloroform

Concen: 48.311 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038996.D

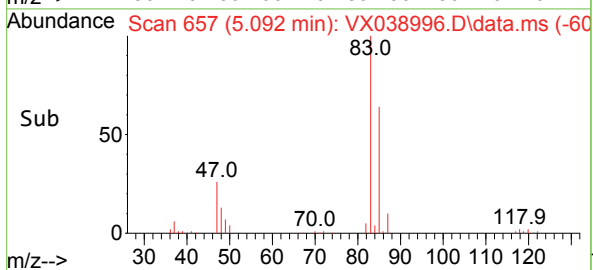
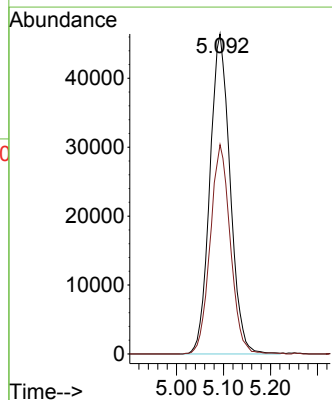
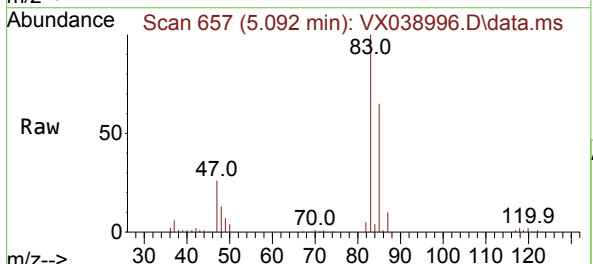
Acq: 21 Nov 2023 19:39

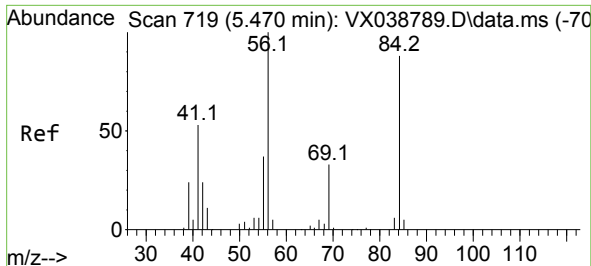
Tgt Ion: 83 Resp: 138748

Ion Ratio Lower Upper

83 100

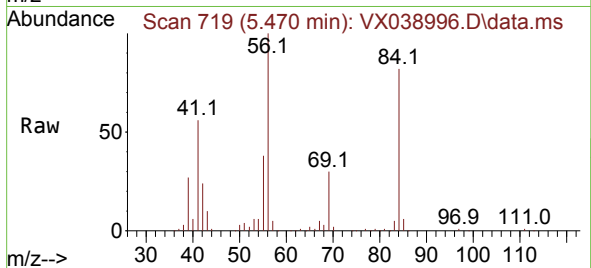
85 65.4 50.3 75.5



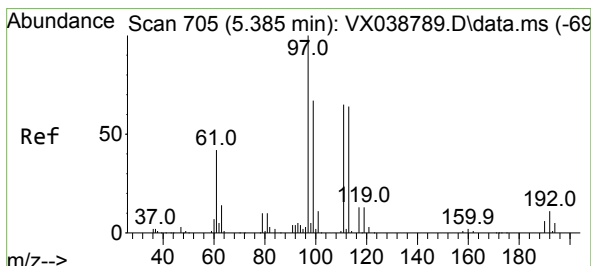
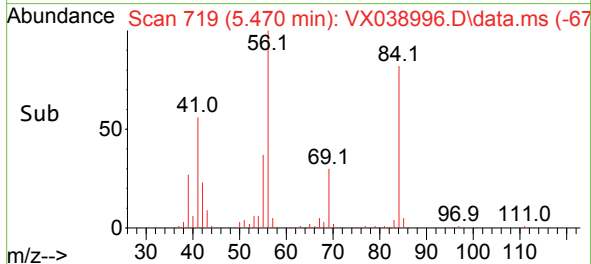
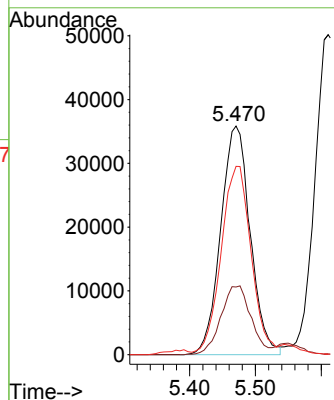


#31  
Cyclohexane  
Concen: 42.335 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Instrument :  
MSVOA\_X  
ClientSampleId :

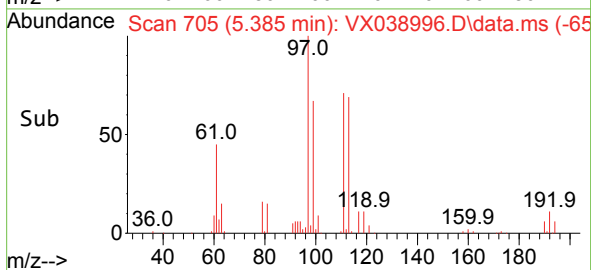
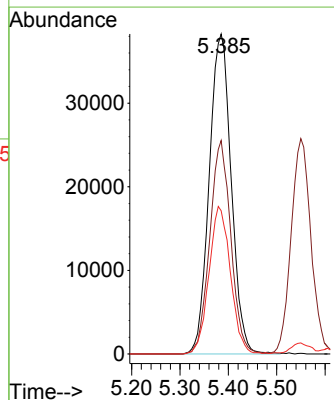
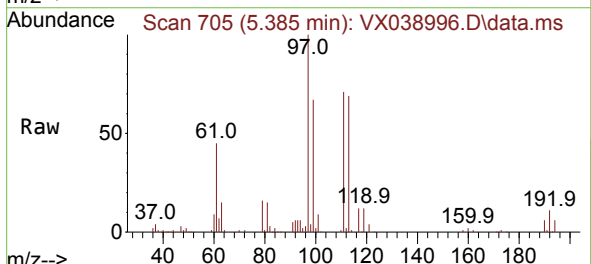


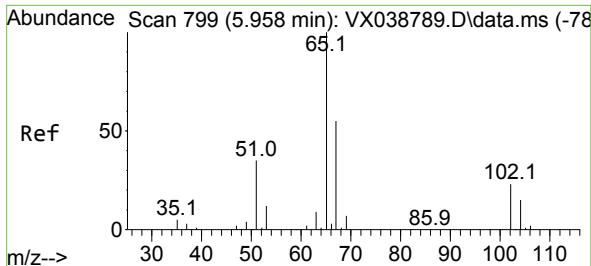
Tgt Ion: 56 Resp: 111896  
Ion Ratio Lower Upper  
56 100  
69 29.6 23.4 35.2  
84 80.7 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 48.589 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 97 Resp: 120870  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.1 76.7  
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

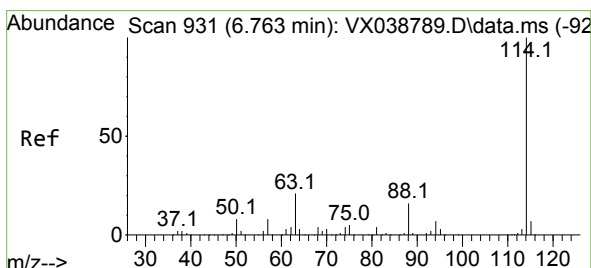
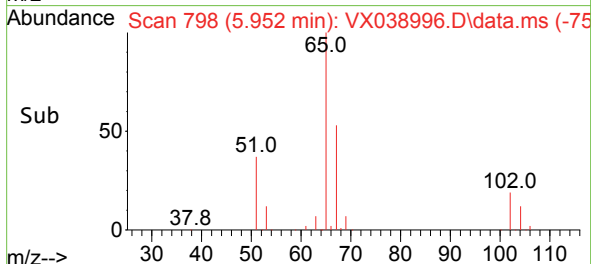
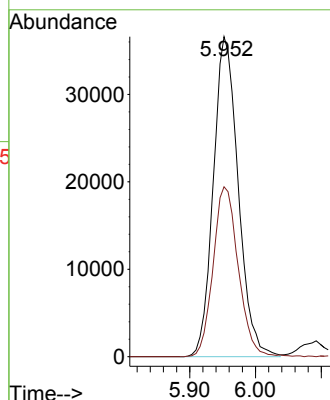
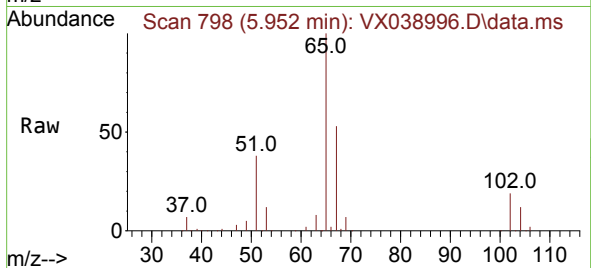
ClientSampleId :

Tgt Ion: 65 Resp: 96464

Ion Ratio Lower Upper

65 100

67 53.6 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: VX038996.D

Acq: 21 Nov 2023 19:39

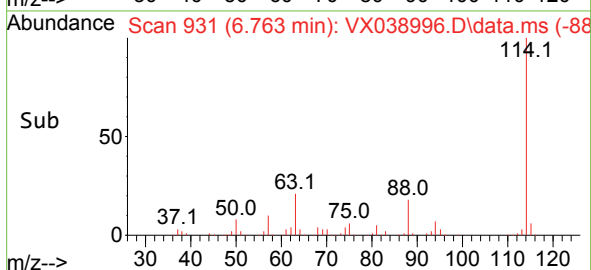
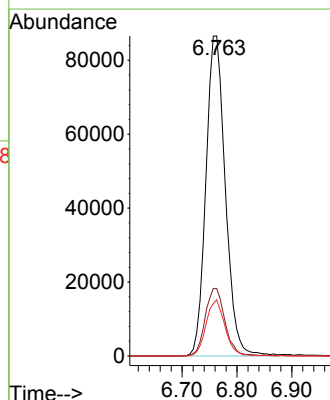
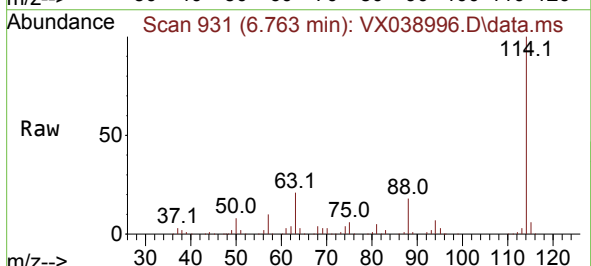
Tgt Ion:114 Resp: 213037

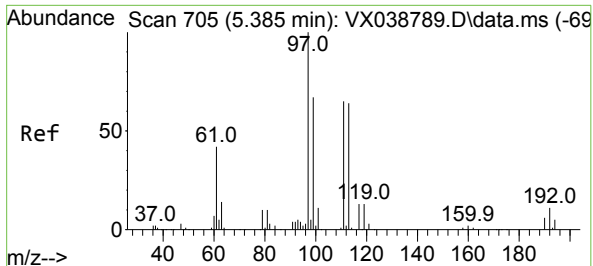
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 17.6 0.0 36.6

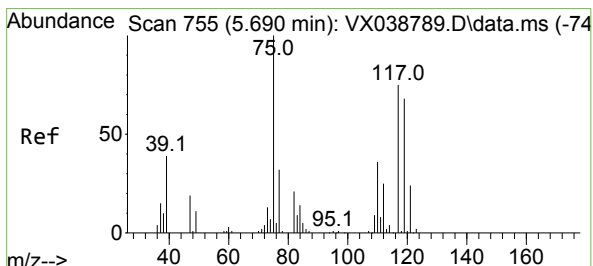
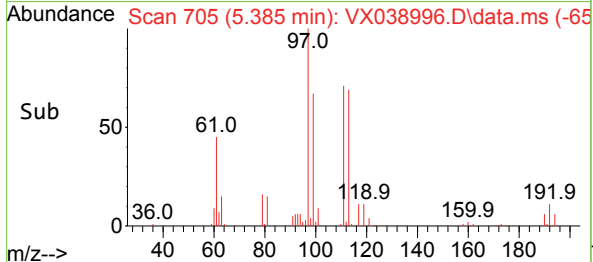
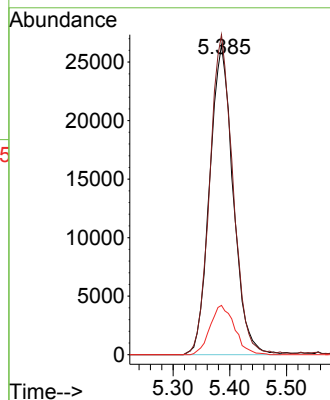
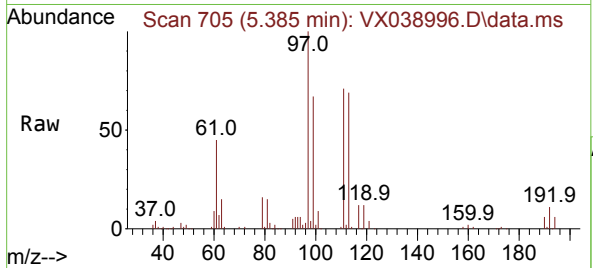




#35  
Dibromofluoromethane  
Concen: 49.438 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

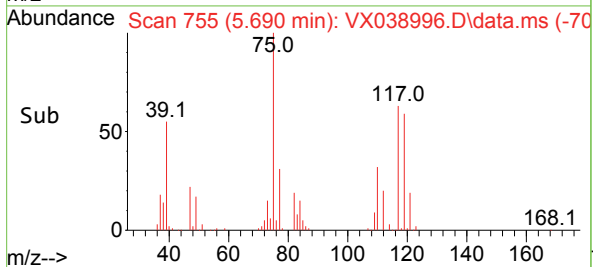
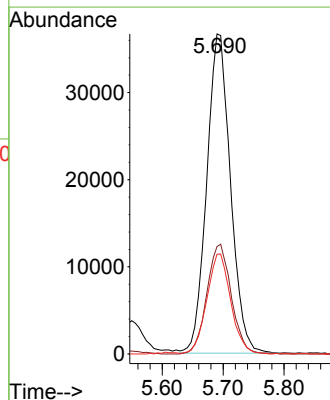
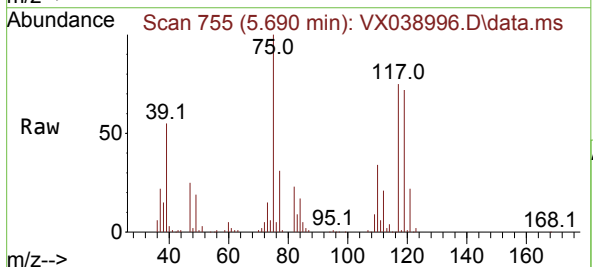
Instrument :  
MSVOA\_X  
ClientSampleId :

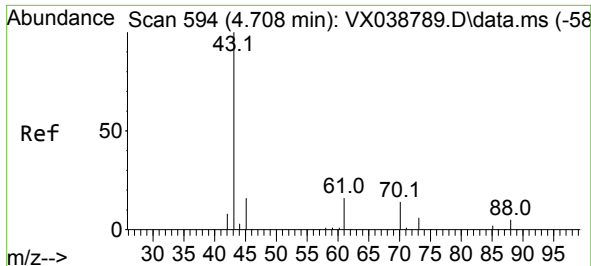
Tgt Ion:113 Resp: 76066  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 16.6 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 45.042 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 75 Resp: 99326  
Ion Ratio Lower Upper  
75 100  
110 35.3 17.0 50.9  
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 46.818 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

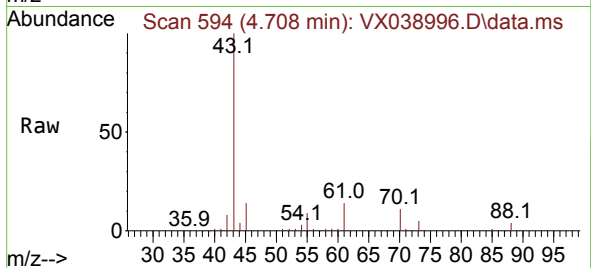
Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :



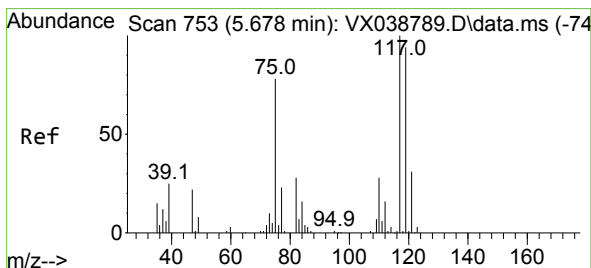
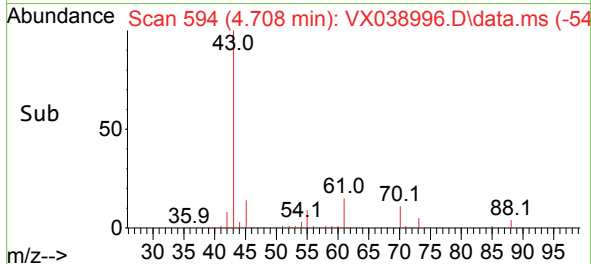
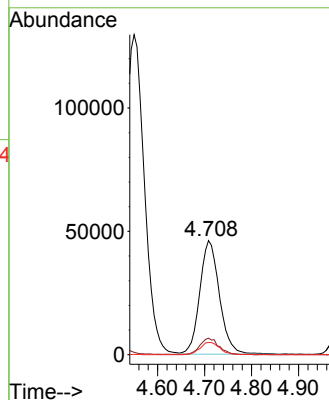
Tgt Ion: 43 Resp: 134509

Ion Ratio Lower Upper

43 100

61 14.2 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.934 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

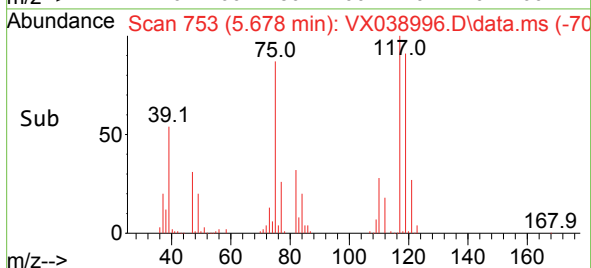
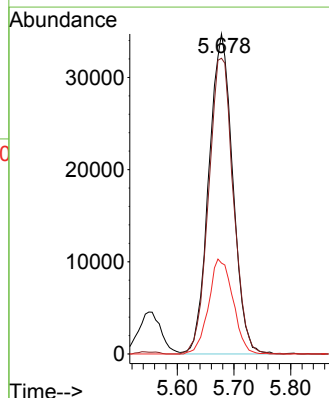
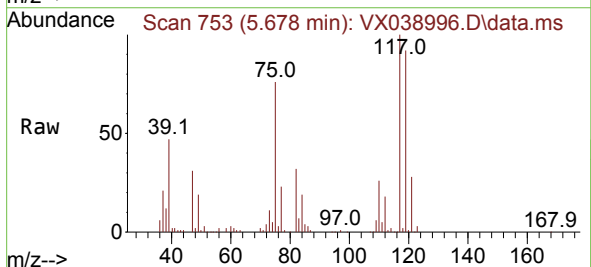
Tgt Ion: 117 Resp: 101770

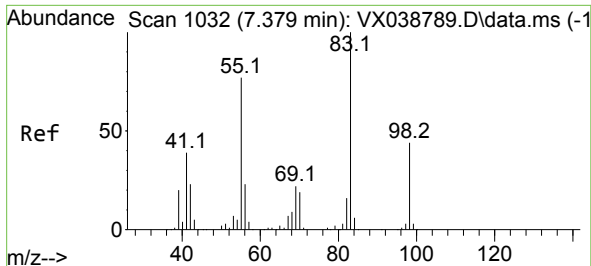
Ion Ratio Lower Upper

117 100

119 92.4 78.2 117.2

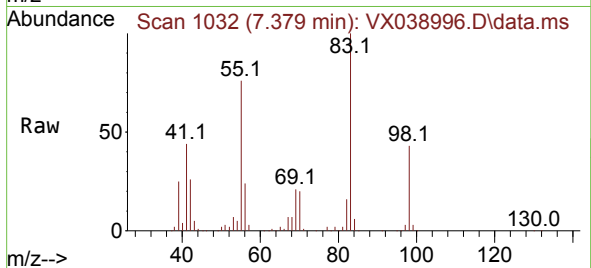
121 28.4 24.4 36.6



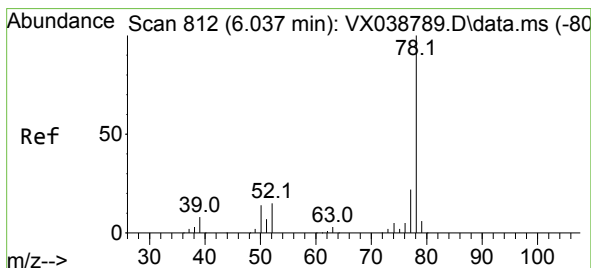
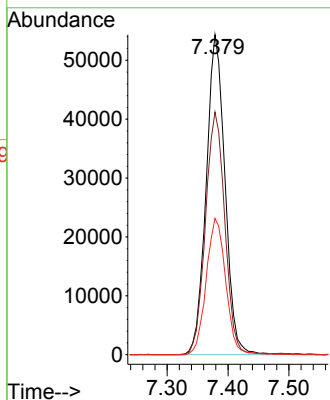
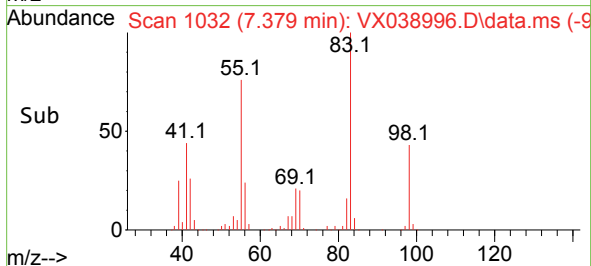


#39  
Methylcyclohexane  
Concen: 40.537 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Instrument :  
MSVOA\_X  
ClientSampleId :

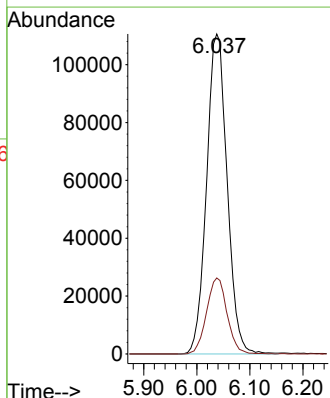
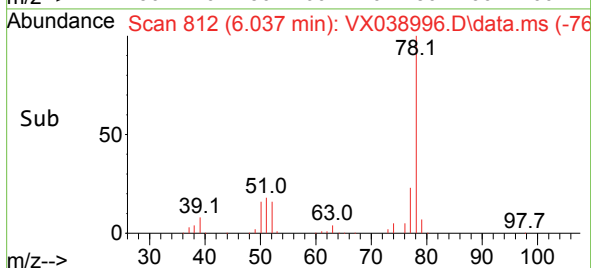
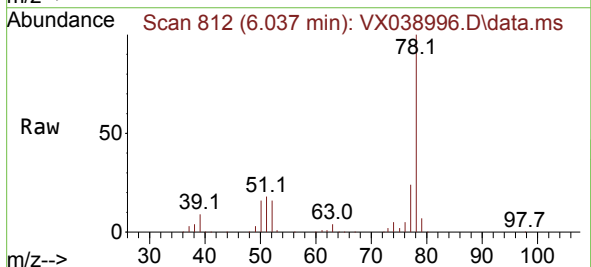


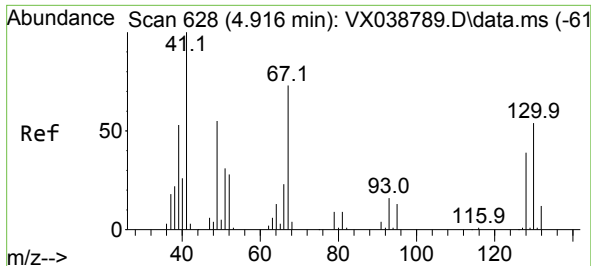
Tgt Ion: 83 Resp: 116600  
Ion Ratio Lower Upper  
83 100  
55 75.8 64.6 97.0  
98 42.6 36.7 55.1



#40  
Benzene  
Concen: 45.640 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 78 Resp: 297673  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9

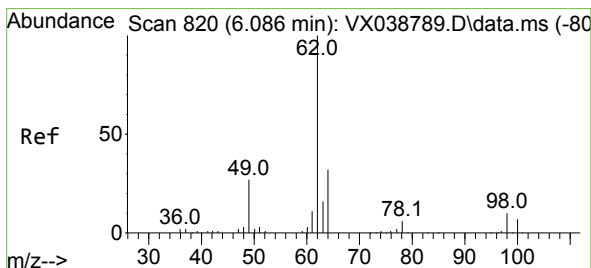
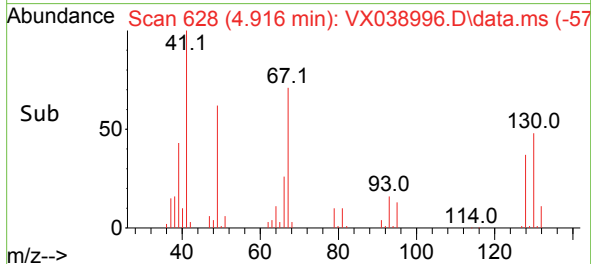
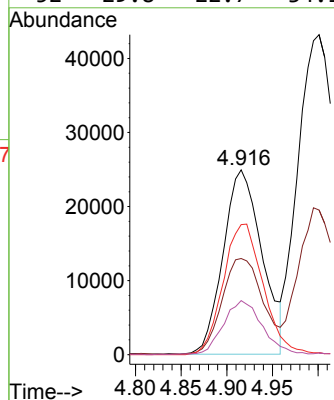
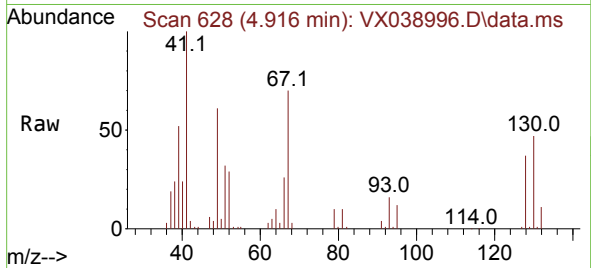




#41  
Methacrylonitrile  
Concen: 49.394 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

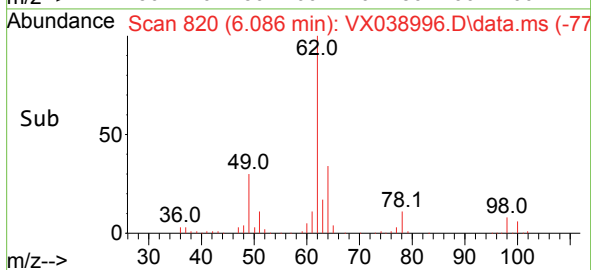
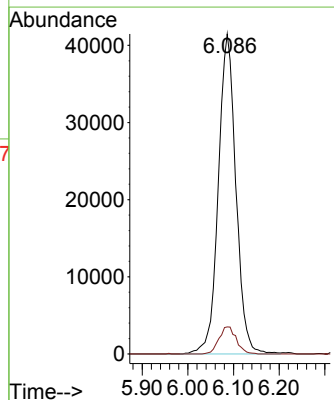
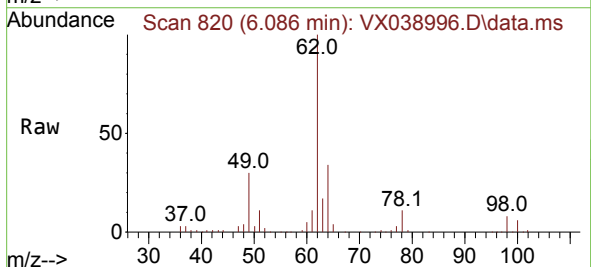
Instrument :  
MSVOA\_X  
ClientSampleId :

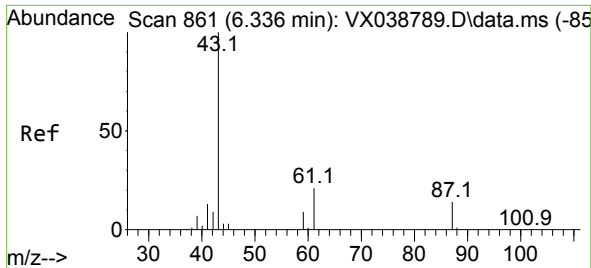
Tgt Ion: 41 Resp: 73601  
Ion Ratio Lower Upper  
41 100  
39 55.3 45.2 67.8  
67 73.1 52.6 78.8  
52 29.8 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 51.330 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 62 Resp: 110921  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 47.501 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

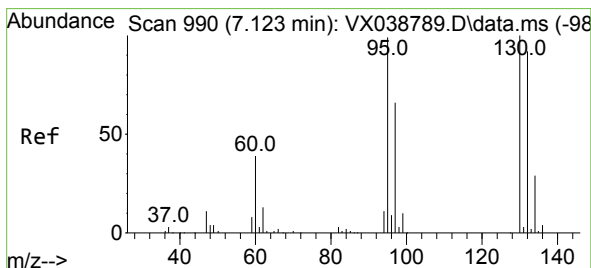
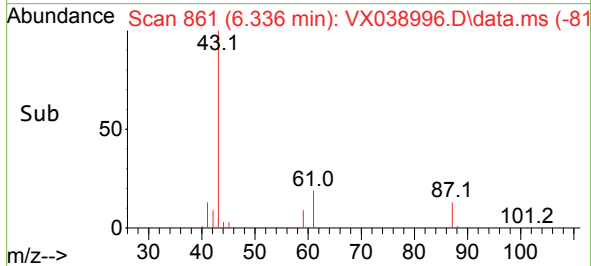
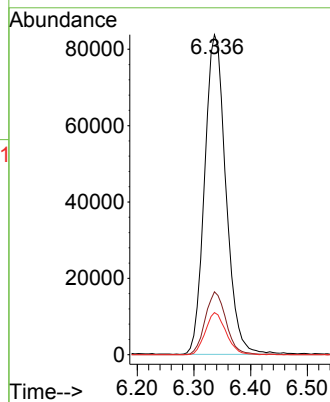
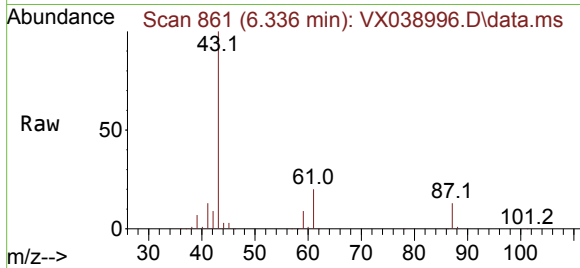
Tgt Ion: 43 Resp: 218102

Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

87 12.8 9.8 14.6



#44

Trichloroethene

Concen: 81.483 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038996.D

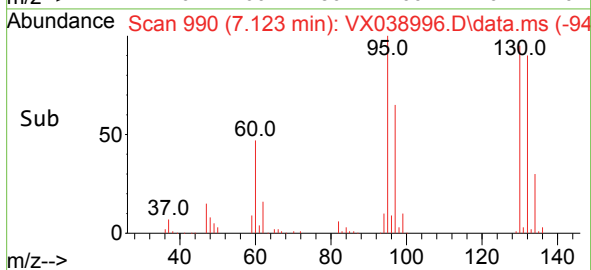
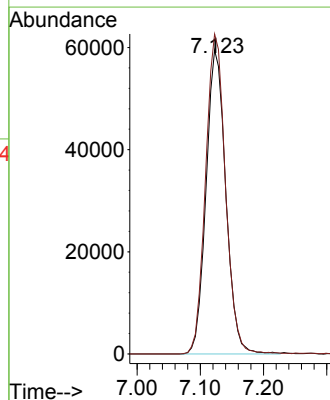
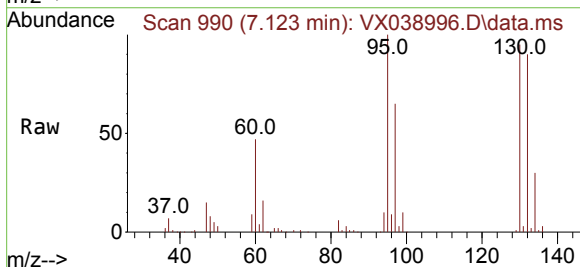
Acq: 21 Nov 2023 19:39

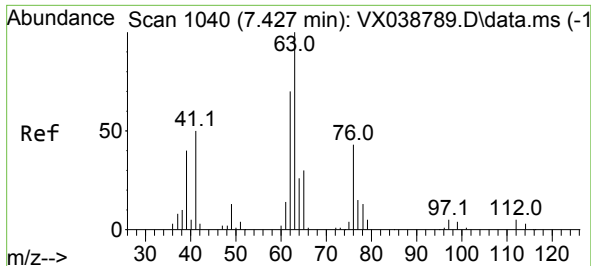
Tgt Ion:130 Resp: 129360

Ion Ratio Lower Upper

130 100

95 105.3 0.0 204.4

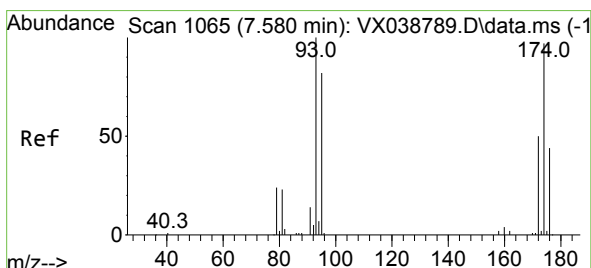
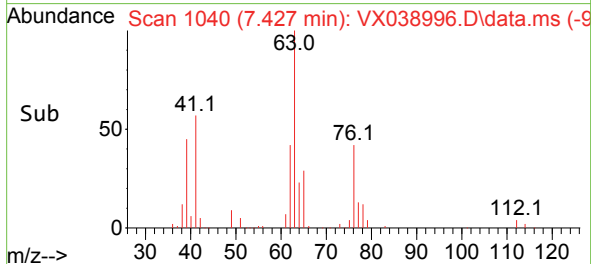
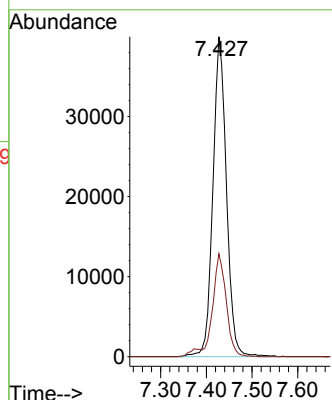
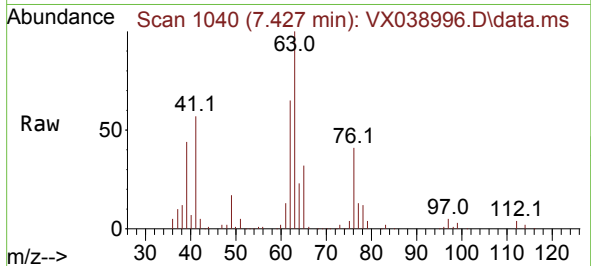




#45  
1,2-Dichloropropane  
Concen: 46.913 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

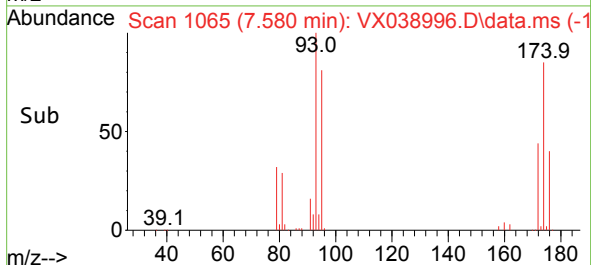
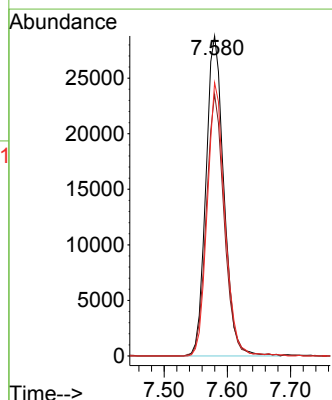
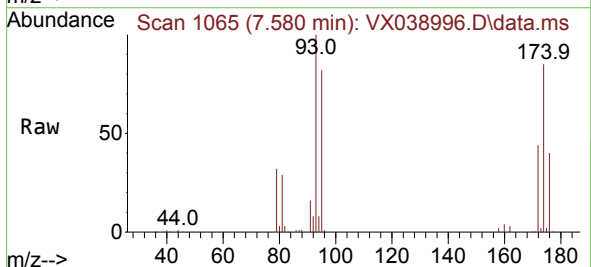
Instrument :  
MSVOA\_X  
ClientSampleId :

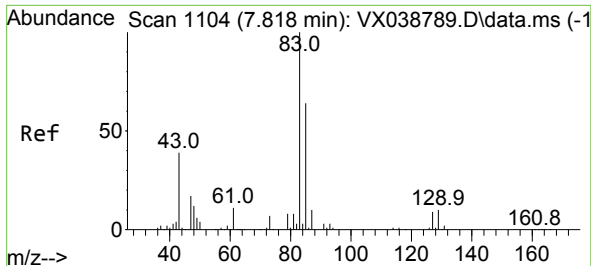
Tgt Ion: 63 Resp: 82341  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.3 36.5



#46  
Dibromomethane  
Concen: 48.668 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 93 Resp: 56965  
Ion Ratio Lower Upper  
93 100  
95 81.8 66.6 100.0  
174 83.4 69.4 104.0

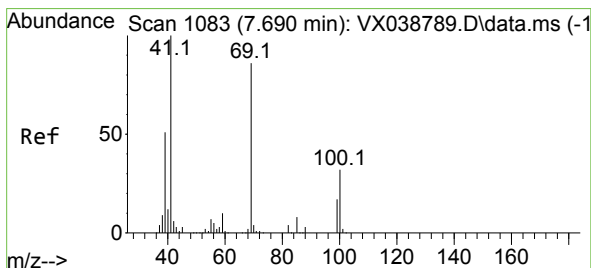
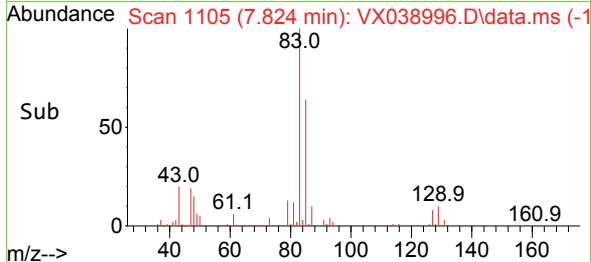
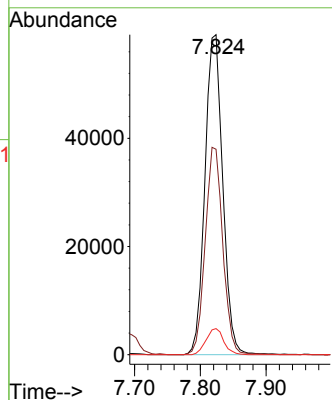
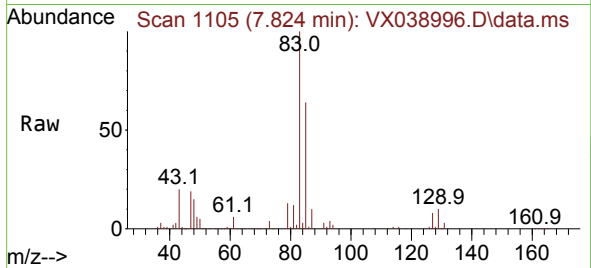




#47  
Bromodichloromethane  
Concen: 47.996 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

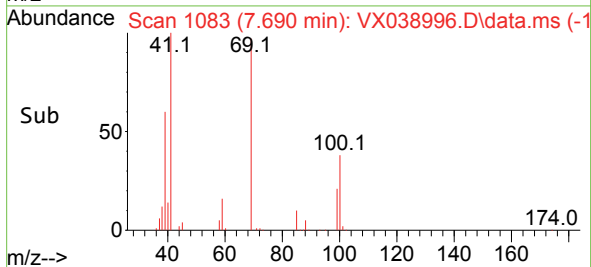
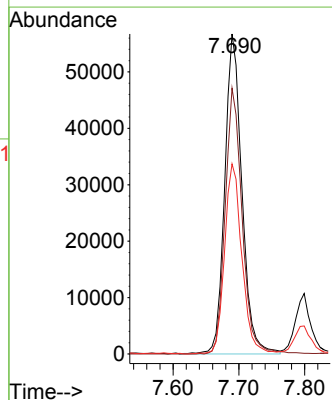
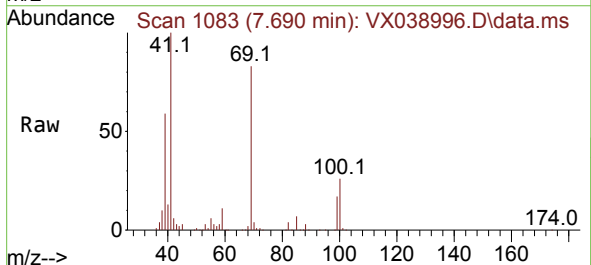
Instrument :  
MSVOA\_X  
ClientSampleId :

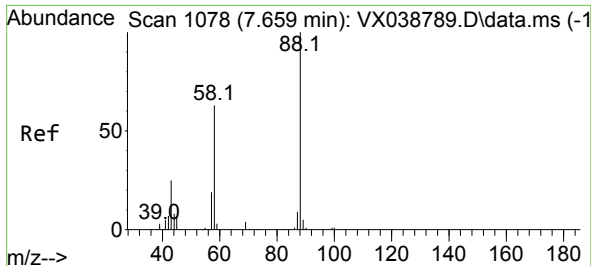
Tgt Ion: 83 Resp: 111501  
Ion Ratio Lower Upper  
83 100  
85 64.2 49.8 74.6  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 46.347 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

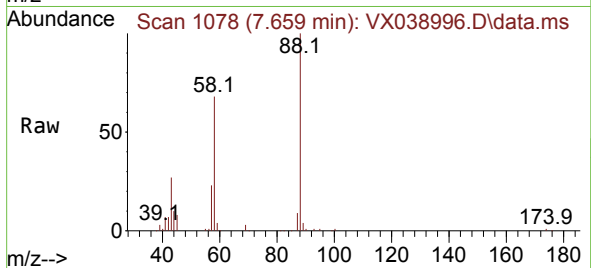
Tgt Ion: 41 Resp: 103250  
Ion Ratio Lower Upper  
41 100  
69 82.1 59.2 88.8  
39 59.9 47.7 71.5



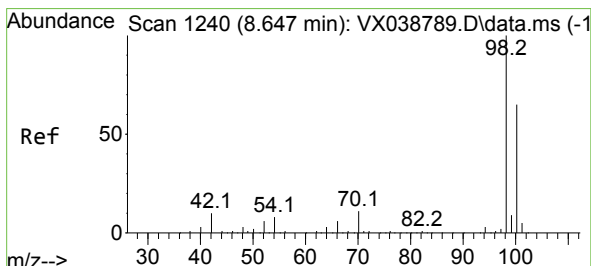
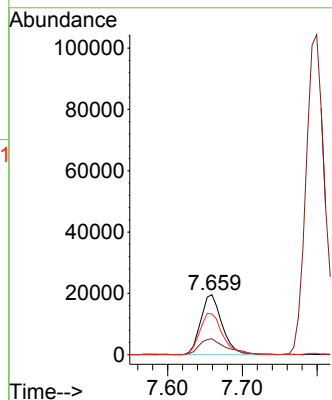
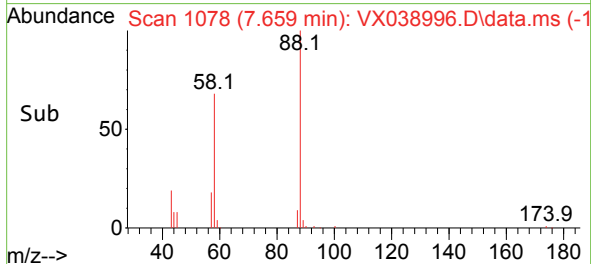


#49  
1,4-Dioxane  
Concen: 901.074 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Instrument :  
MSVOA\_X  
ClientSampleId :

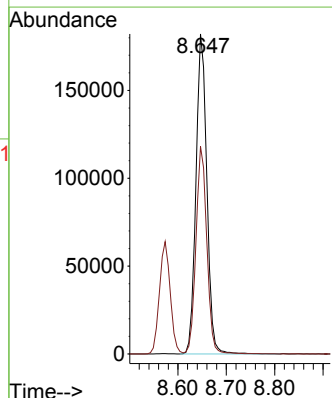
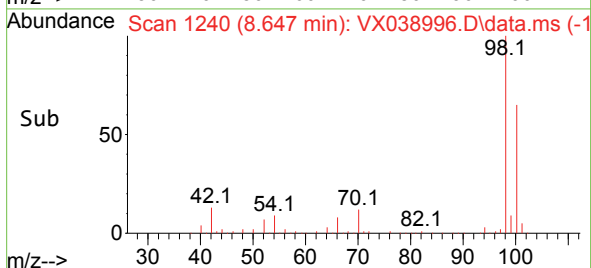
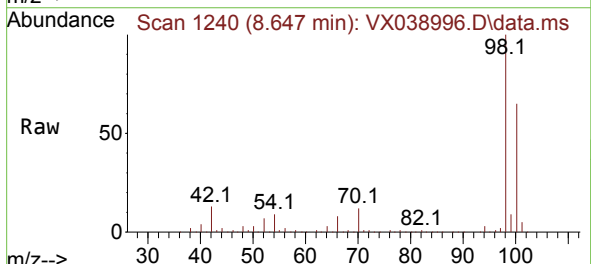


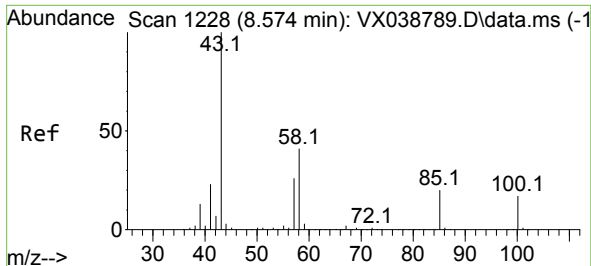
Tgt Ion: 88 Resp: 38835  
Ion Ratio Lower Upper  
88 100  
43 32.8 0.0 0.0#  
58 73.9 60.1 90.1



#50  
Toluene-d8  
Concen: 48.204 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 98 Resp: 283767  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.1 79.7

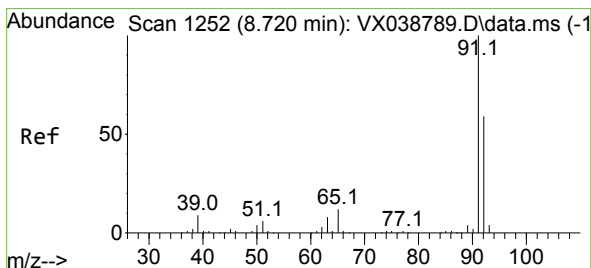
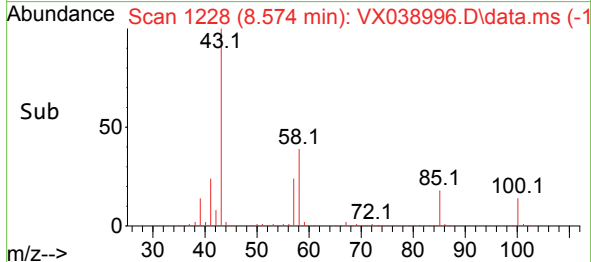
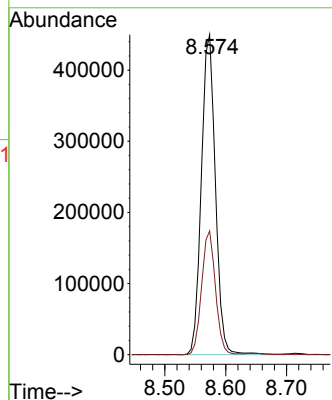
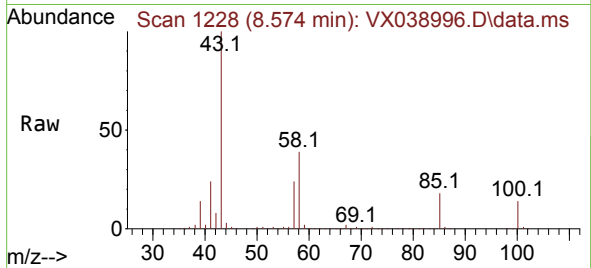




#51  
4-Methyl-2-Pentanone  
Concen: 245.633 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

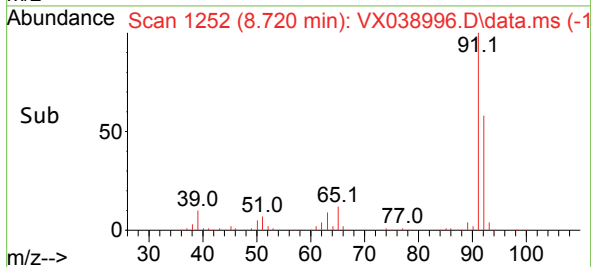
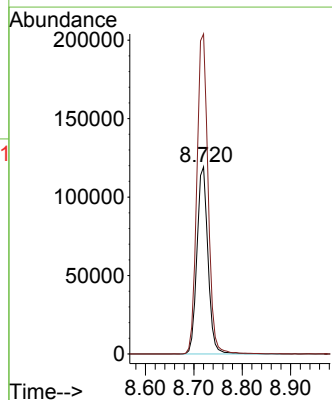
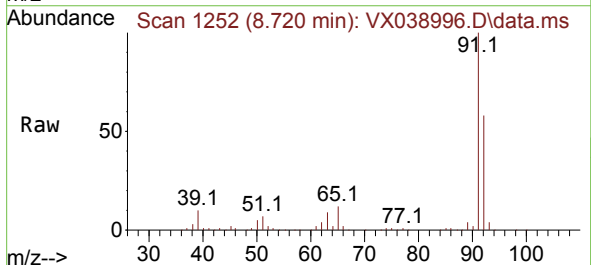
Instrument :  
MSVOA\_X  
ClientSampleId :

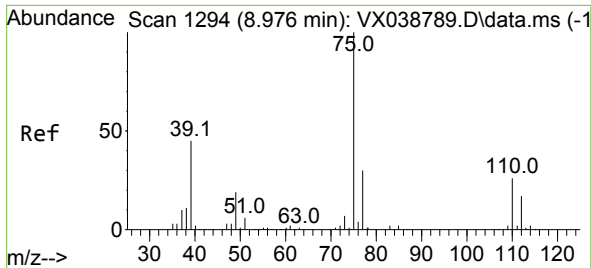
Tgt Ion: 43 Resp: 720740  
Ion Ratio Lower Upper  
43 100  
58 38.1 30.4 45.6



#52  
Toluene  
Concen: 46.439 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 92 Resp: 187958  
Ion Ratio Lower Upper  
92 100  
91 174.4 134.2 201.2

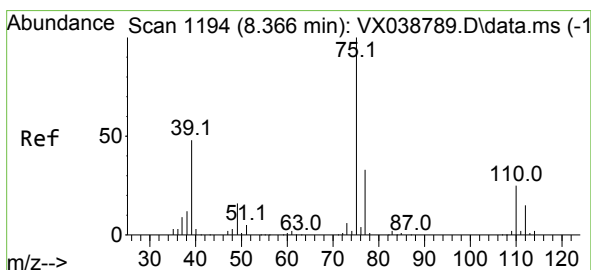
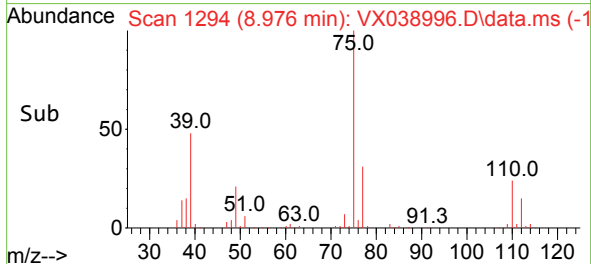
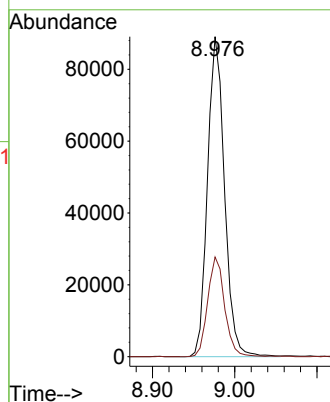
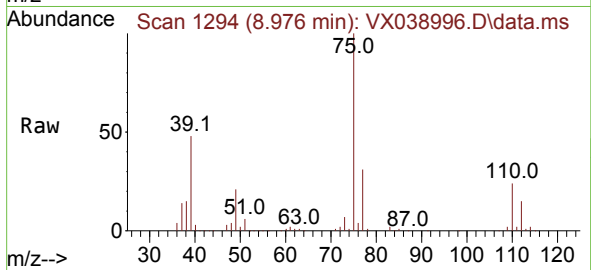




#53  
t-1,3-Dichloropropene  
Concen: 46.293 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

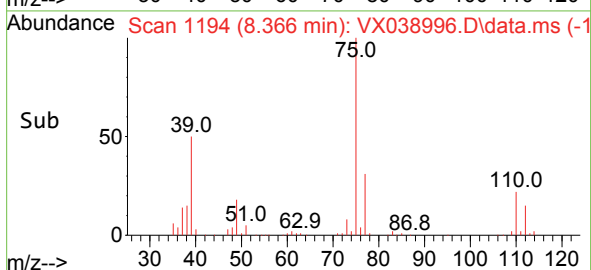
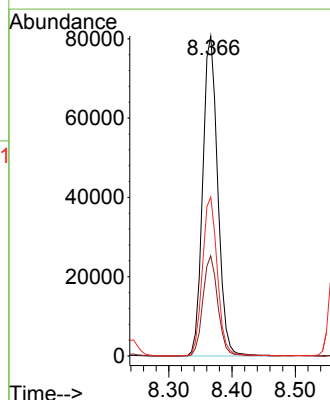
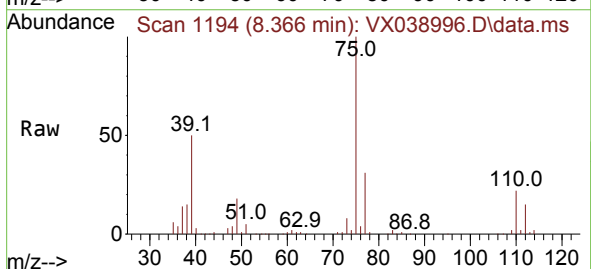
Instrument :  
MSVOA\_X  
ClientSampleId :

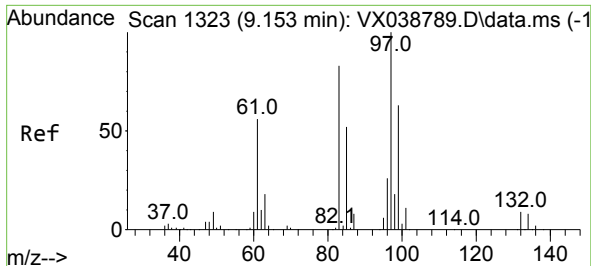
Tgt Ion: 75 Resp: 127804  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 46.757 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

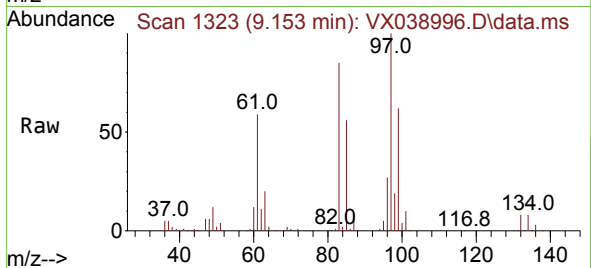
Tgt Ion: 75 Resp: 133339  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.3 37.9  
39 49.6 46.7 70.1



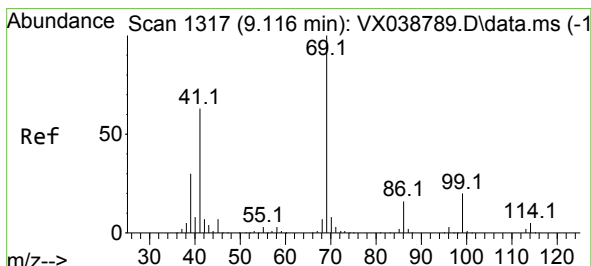
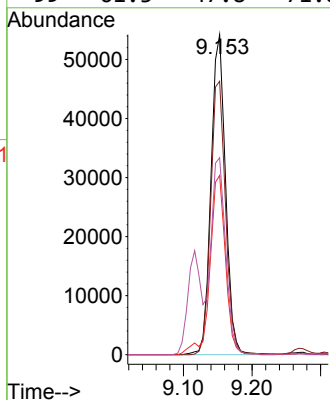
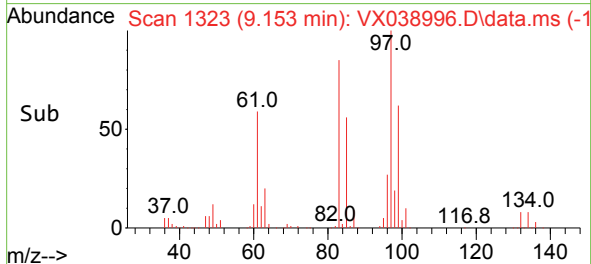


#55  
1,1,2-Trichloroethane  
Concen: 47.459 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

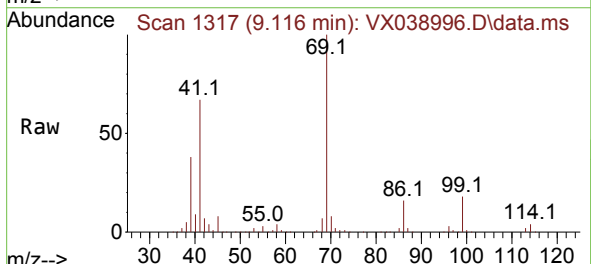
Instrument :  
MSVOA\_X  
ClientSampleId :



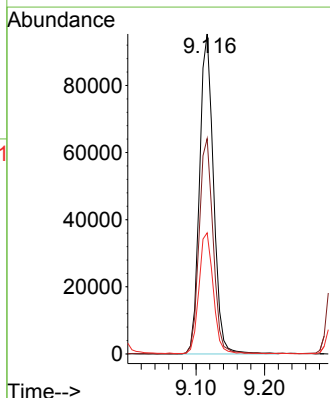
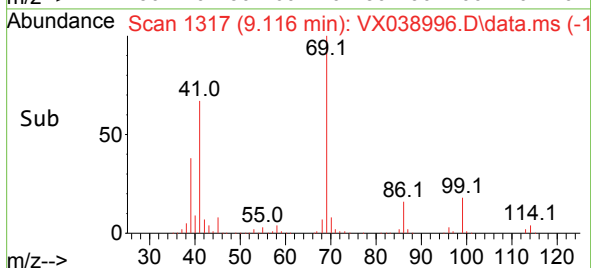
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 80148 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.5  | 65.8  | 98.8  |
| 85       | 56.0  | 41.6  | 62.4  |
| 99       | 61.3  | 47.8  | 71.8  |

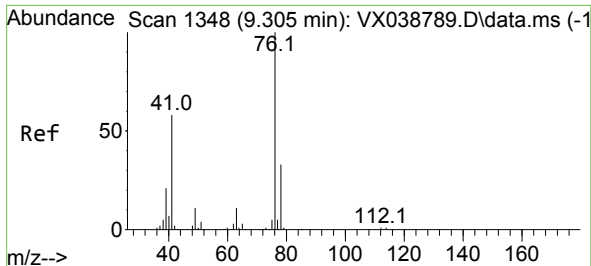


#56  
Ethyl methacrylate  
Concen: 47.399 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 135437 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 56.8  | 85.2   |
| 39       | 38.7  | 32.0  | 48.0   |





#57

1,3-Dichloropropane

Concen: 47.969 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

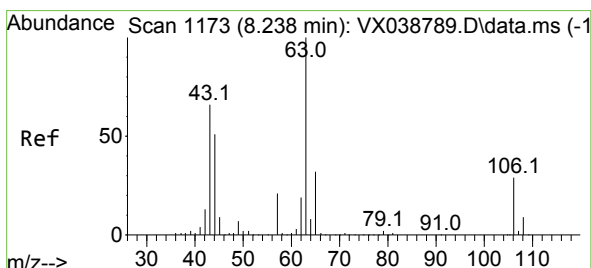
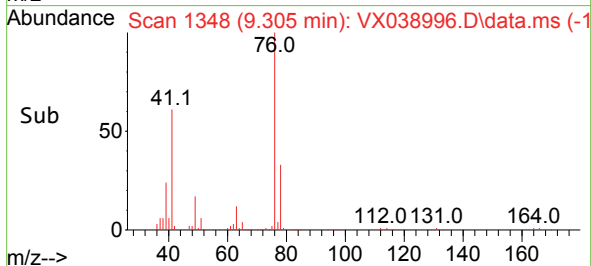
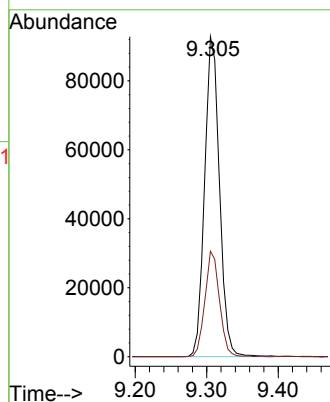
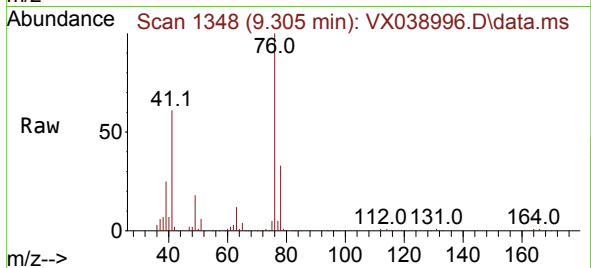
ClientSampleId :

Tgt Ion: 76 Resp: 133977

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 234.422 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038996.D

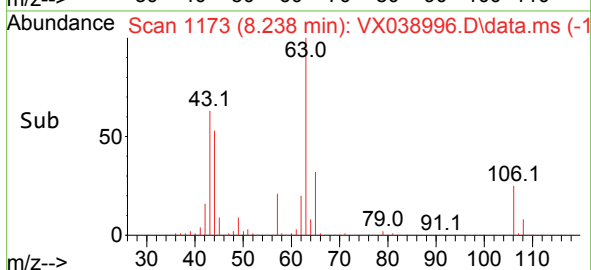
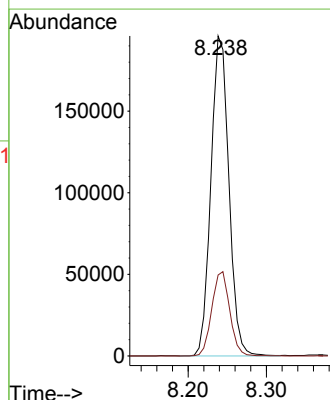
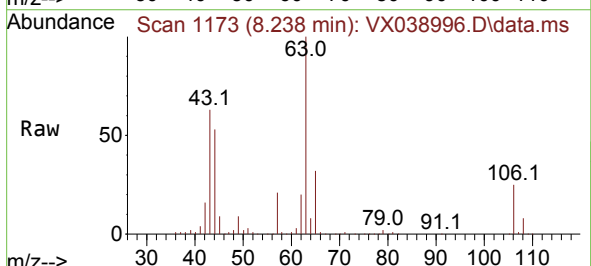
Acq: 21 Nov 2023 19:39

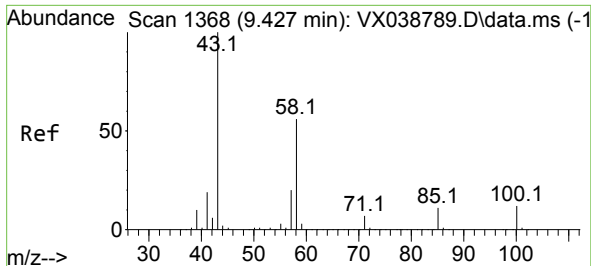
Tgt Ion: 63 Resp: 312036

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7

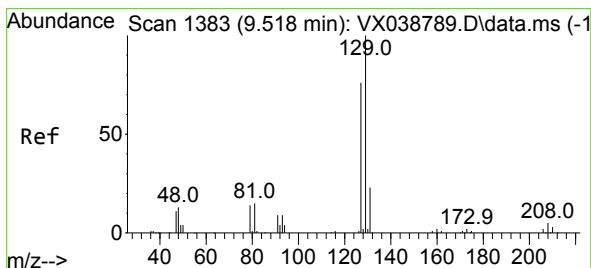
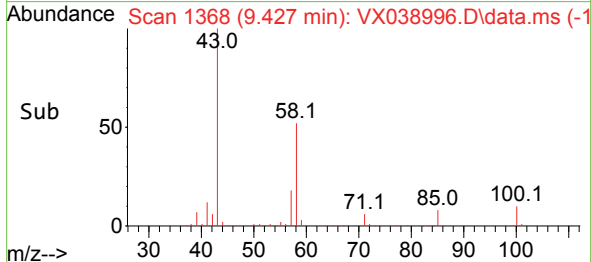
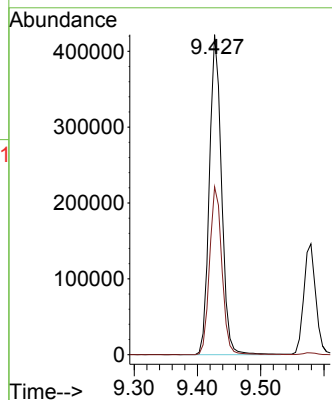
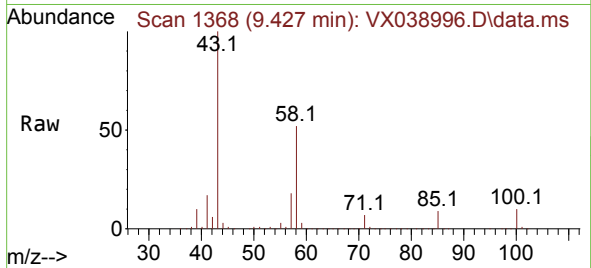




#59  
2-Hexanone  
Concen: 239.700 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

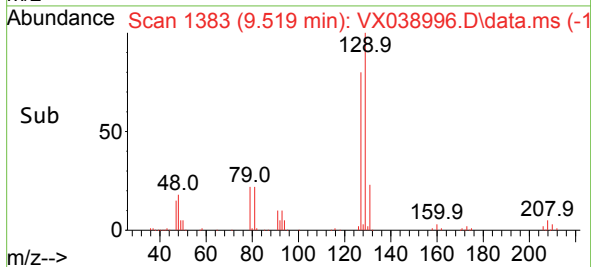
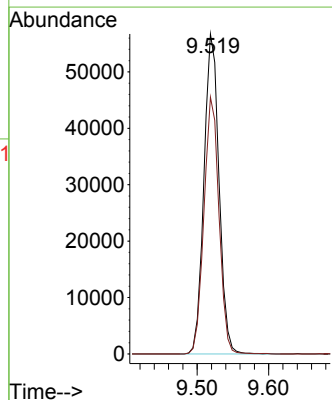
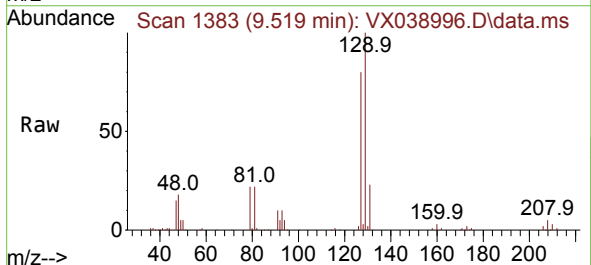
Instrument :  
MSVOA\_X  
ClientSampleId :

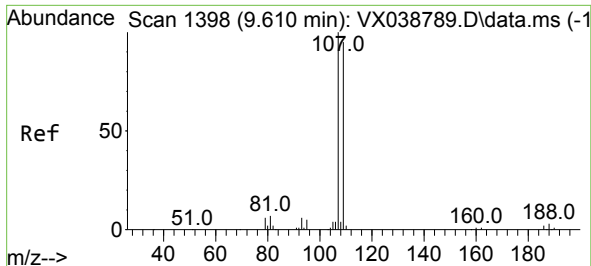
Tgt Ion: 43 Resp: 563739  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 48.339 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 129 Resp: 83005  
Ion Ratio Lower Upper  
129 100  
127 80.1 38.8 116.4

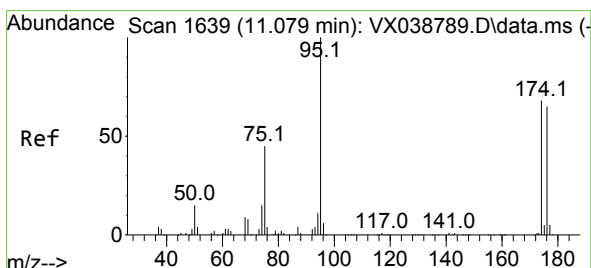
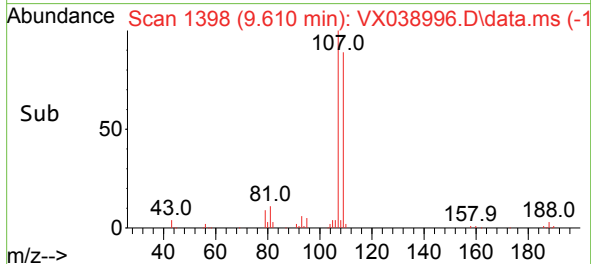
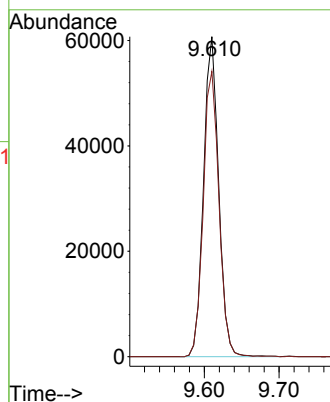
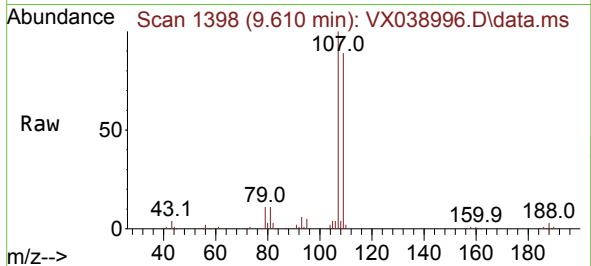




#61  
1,2-Dibromoethane  
Concen: 48.028 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

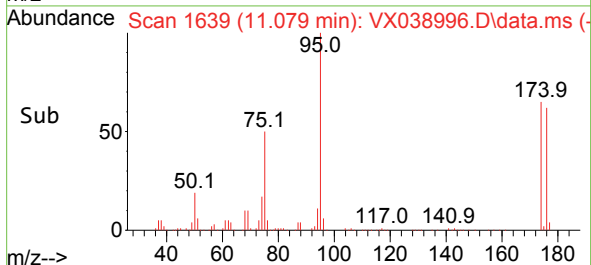
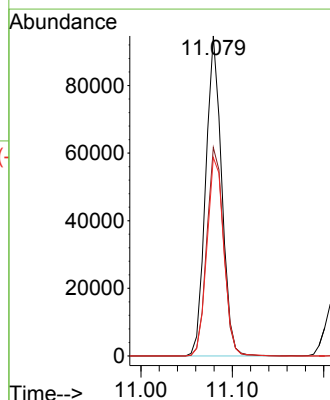
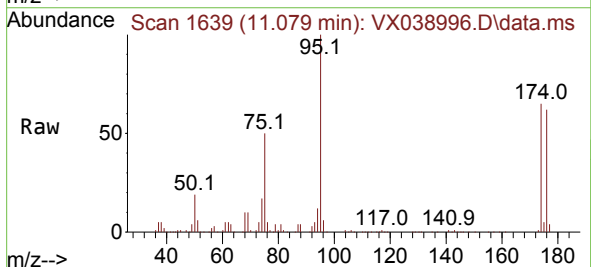
Instrument :  
MSVOA\_X  
ClientSampleId :

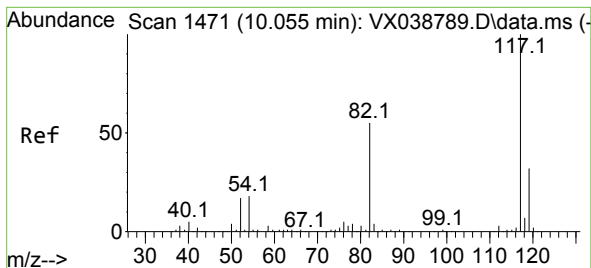
Tgt Ion:107 Resp: 85112  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 48.782 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

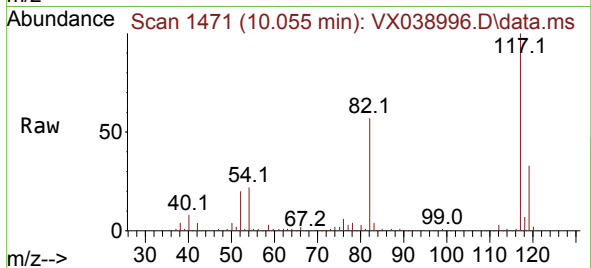
Tgt Ion: 95 Resp: 114956  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 135.6  
176 65.4 0.0 131.0



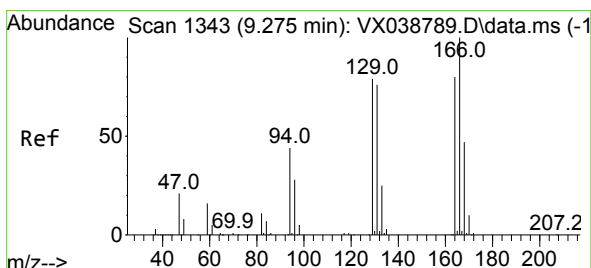
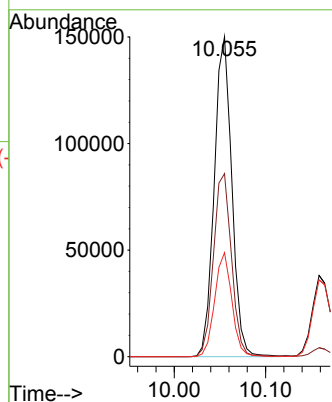
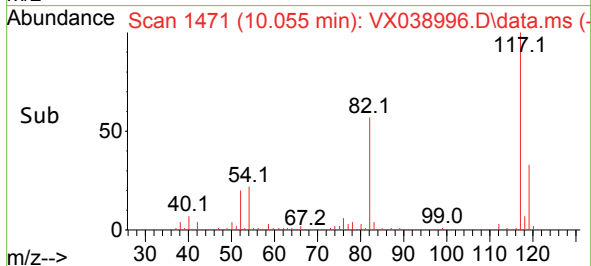


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

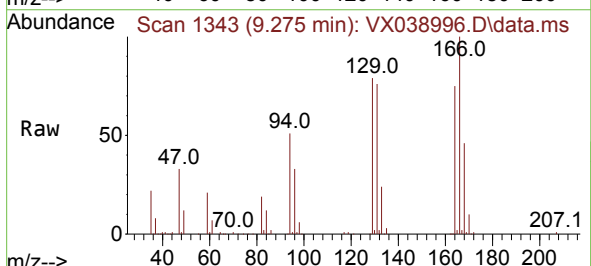
Instrument :  
MSVOA\_X  
ClientSampleId :



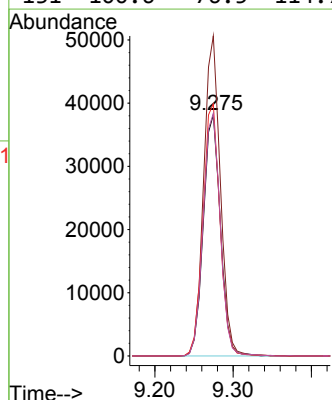
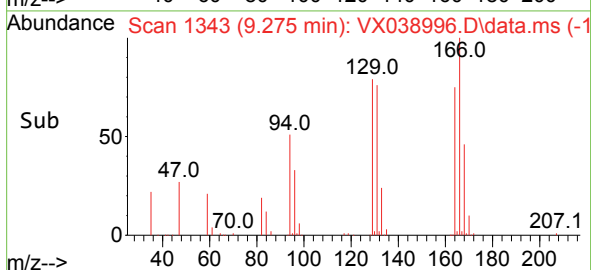
Tgt Ion:117 Resp: 200706  
Ion Ratio Lower Upper  
117 100  
82 57.2 46.2 69.4  
119 32.5 25.5 38.3

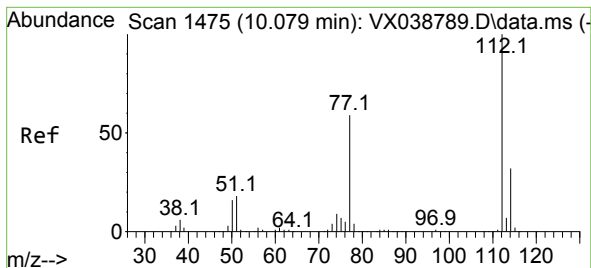


#64  
Tetrachloroethene  
Concen: 46.136 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39



Tgt Ion:164 Resp: 57557  
Ion Ratio Lower Upper  
164 100  
166 132.7 102.7 154.1  
129 104.6 80.4 120.6  
131 100.6 76.5 114.7

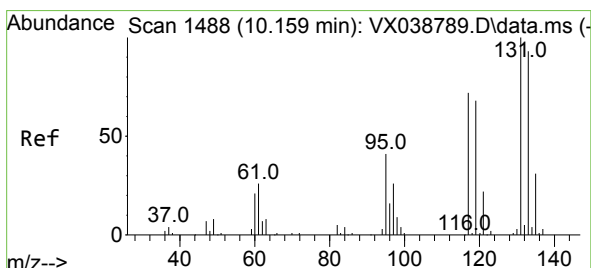
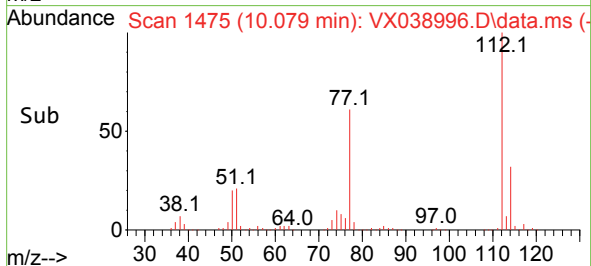
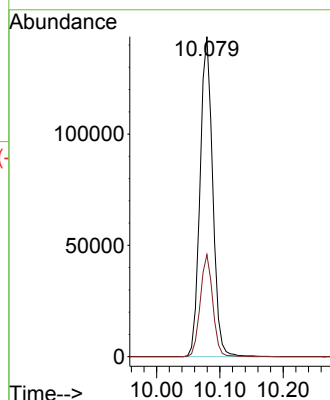
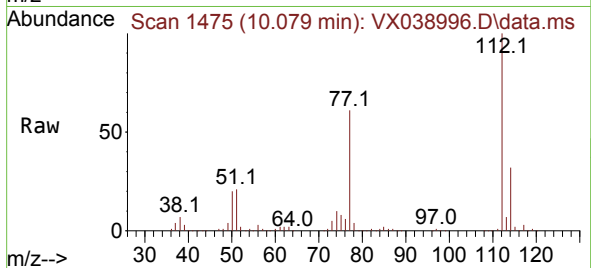




#65  
Chlorobenzene  
Concen: 46.354 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

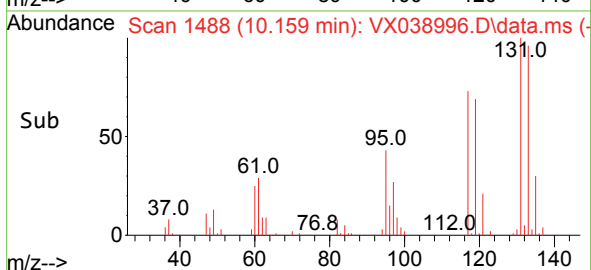
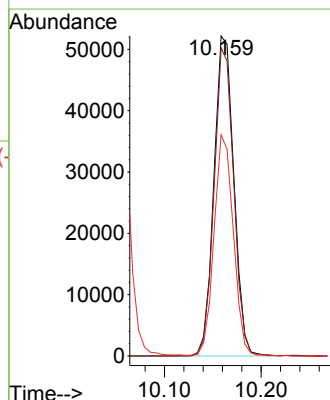
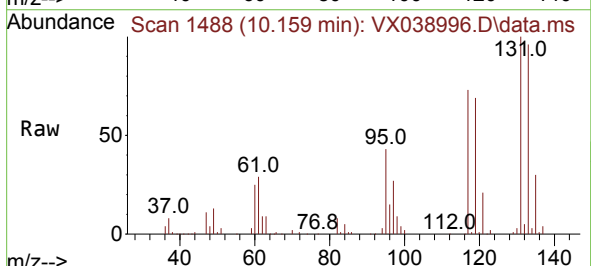
Instrument :  
MSVOA\_X  
ClientSampleId :

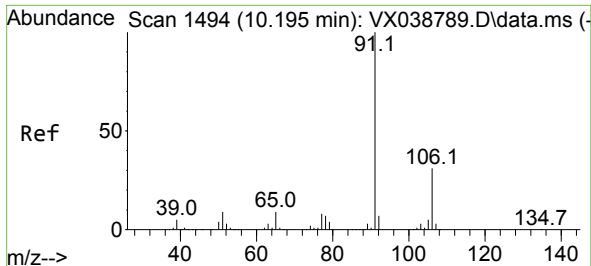
Tgt Ion:112 Resp: 200410  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.992 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

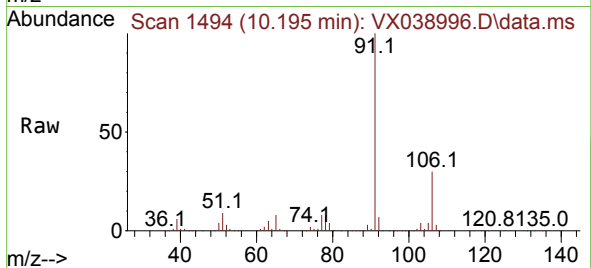
Tgt Ion:131 Resp: 74638  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.1 141.4  
119 67.2 32.2 96.6



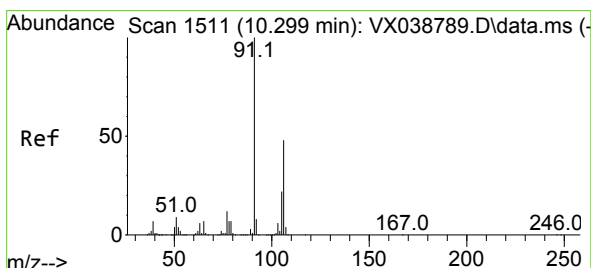
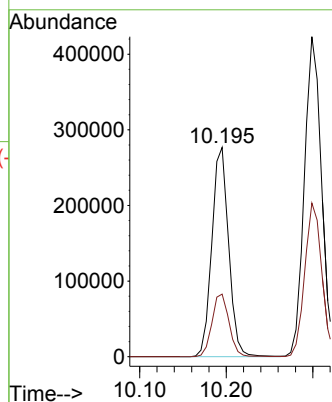
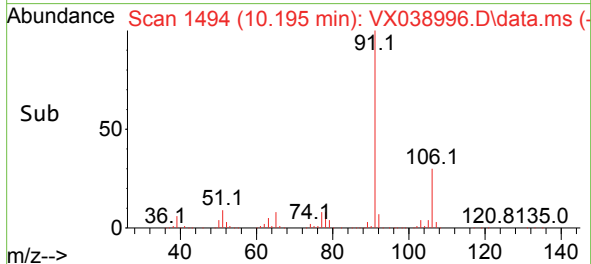


#67  
Ethyl Benzene  
Concen: 46.937 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

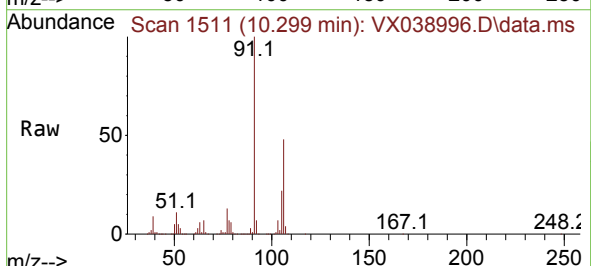
Instrument :  
MSVOA\_X  
ClientSampleId :



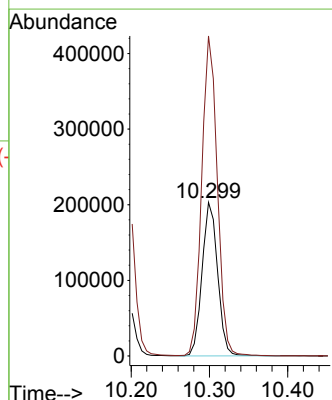
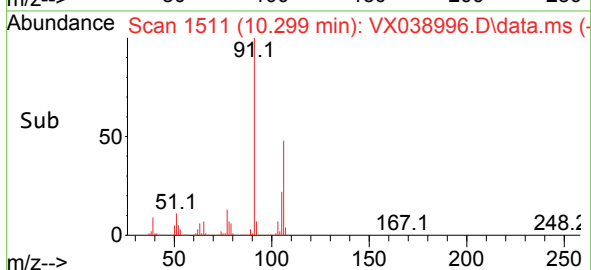
Tgt Ion: 91 Resp: 372832  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.9 37.3

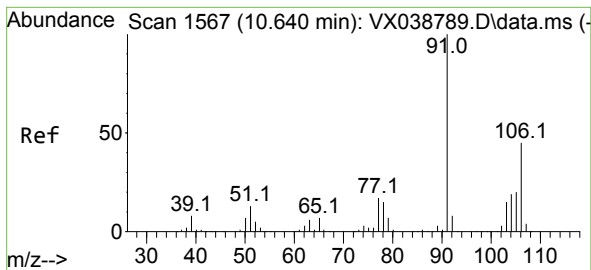


#68  
m/p-Xylenes  
Concen: 92.929 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39



Tgt Ion: 106 Resp: 279229  
Ion Ratio Lower Upper  
106 100  
91 209.2 165.5 248.3

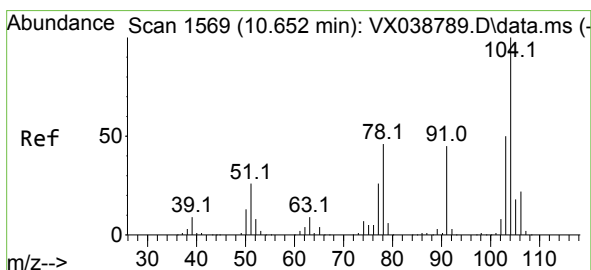
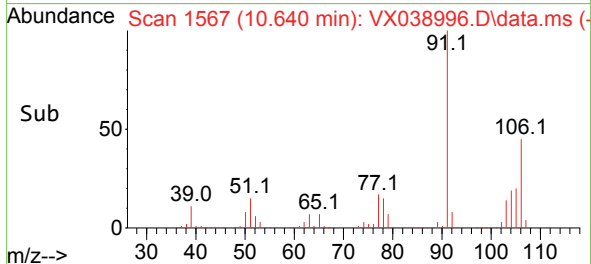
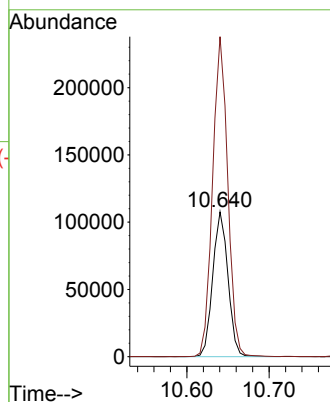
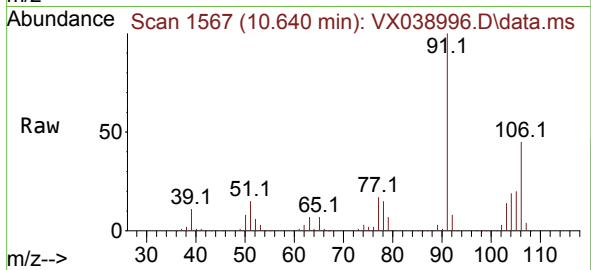




#69  
o-Xylene  
Concen: 46.411 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

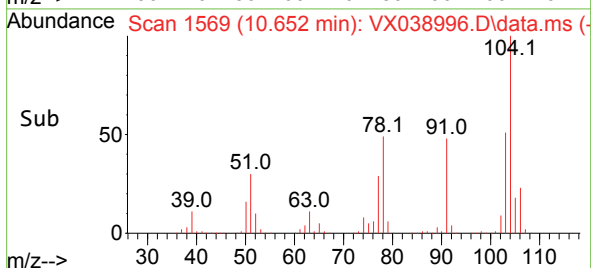
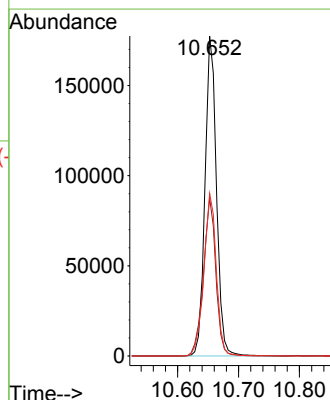
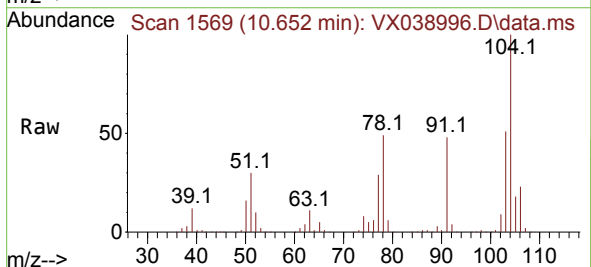
Instrument :  
MSVOA\_X  
ClientSampleId :

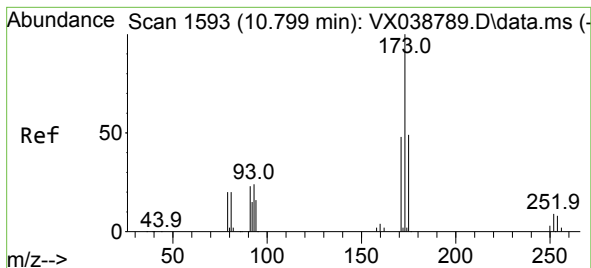
Tgt Ion:106 Resp: 137988  
Ion Ratio Lower Upper  
106 100  
91 220.0 108.9 326.8



#70  
Styrene  
Concen: 46.417 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion:104 Resp: 233069  
Ion Ratio Lower Upper  
104 100  
78 53.6 43.6 65.4  
103 55.2 43.6 65.4





#71

Bromoform

Concen: 47.494 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038996.D

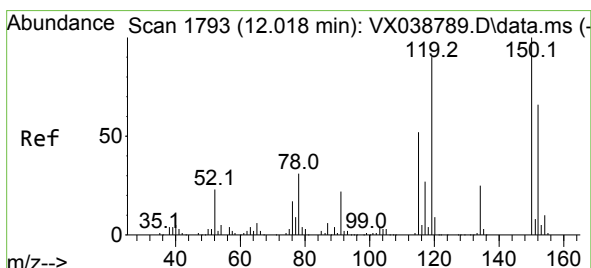
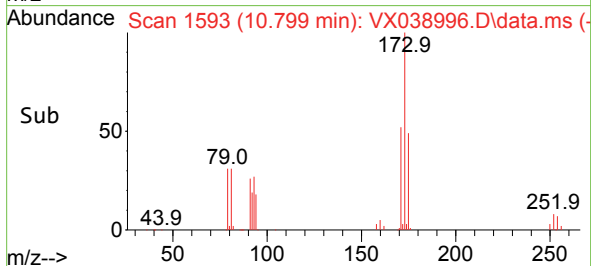
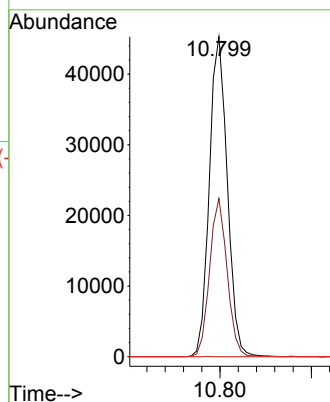
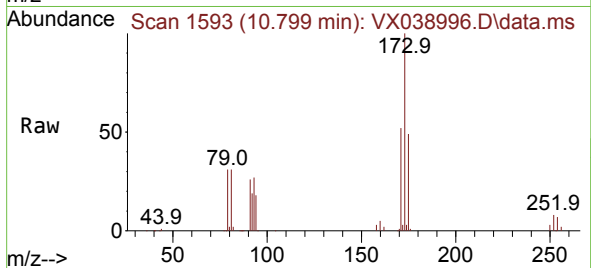
Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 61575     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.3  | 24.1 72.4 |
| 254         | 0.0   | 0.0 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

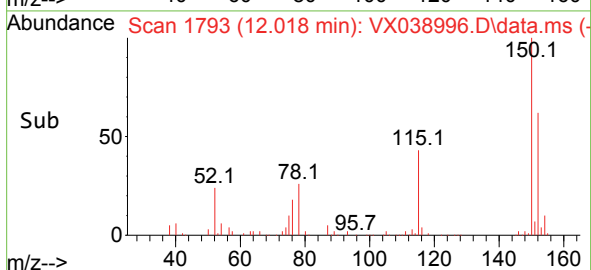
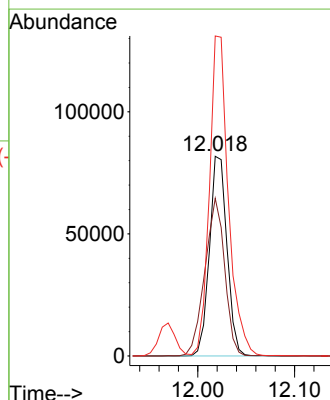
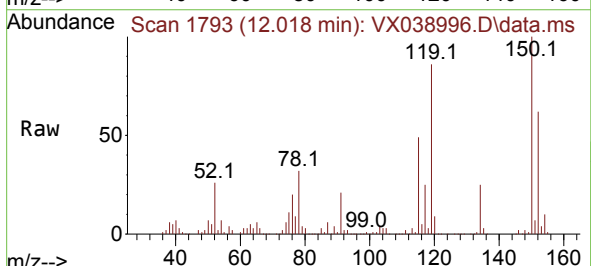
RT: 12.018 min Scan# 1793

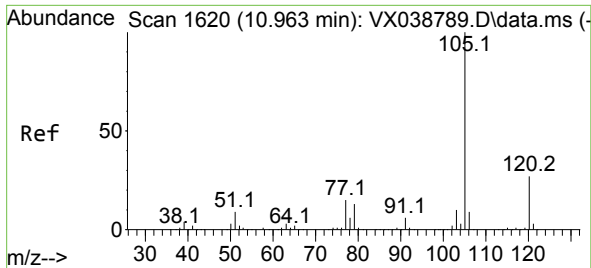
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 103365     |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 89.3  | 43.3 129.9 |
| 150         | 173.6 | 0.0 345.0  |

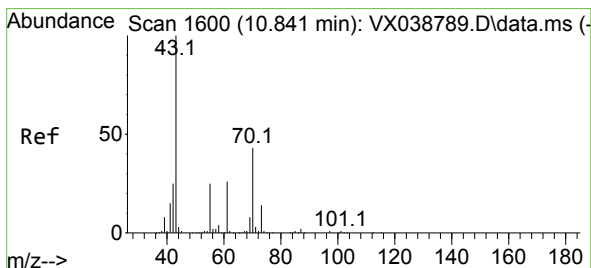
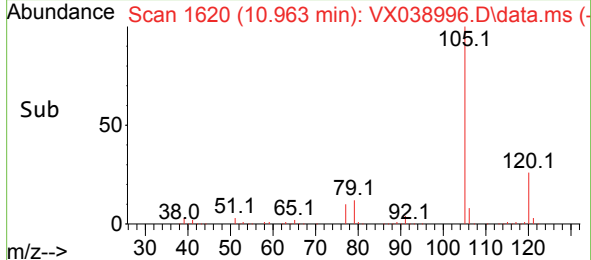
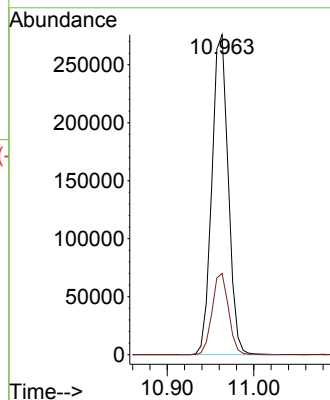
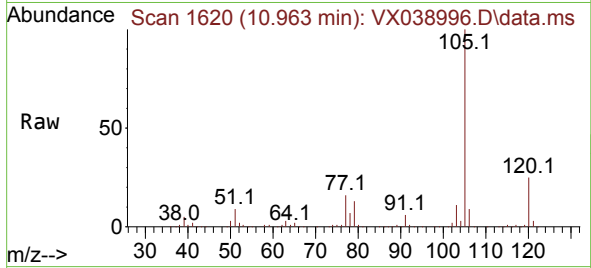




#73  
Isopropylbenzene  
Concen: 45.019 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

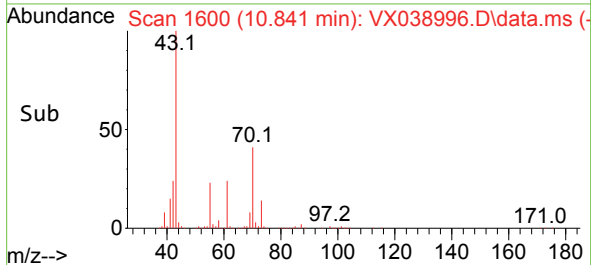
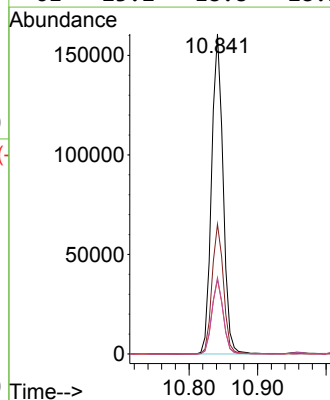
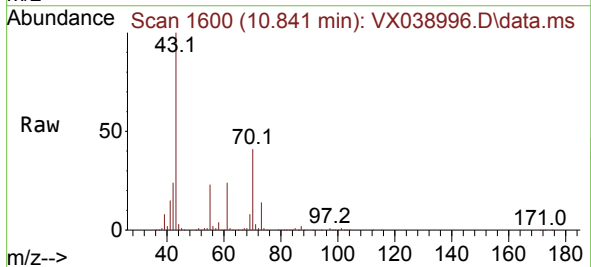
Instrument :  
MSVOA\_X  
ClientSampleId :

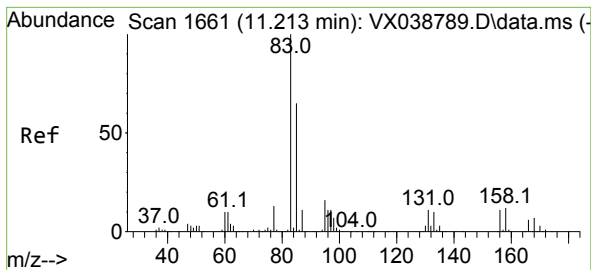
Tgt Ion:105 Resp: 362566  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 44.300 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 43 Resp: 188597  
Ion Ratio Lower Upper  
43 100  
70 40.3 32.9 49.3  
55 22.8 19.3 28.9  
61 23.2 18.8 28.2

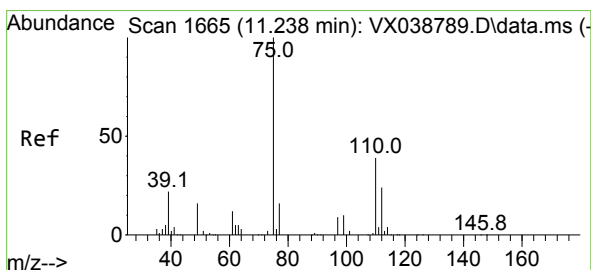
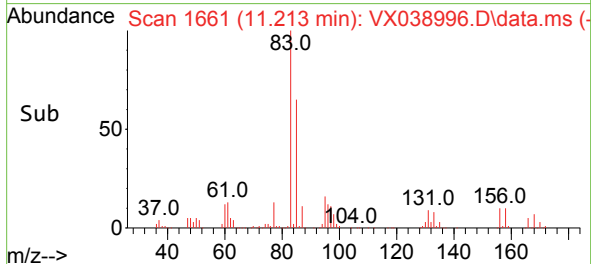
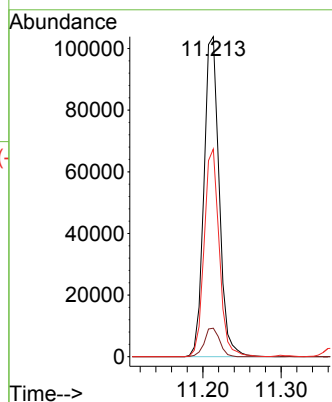
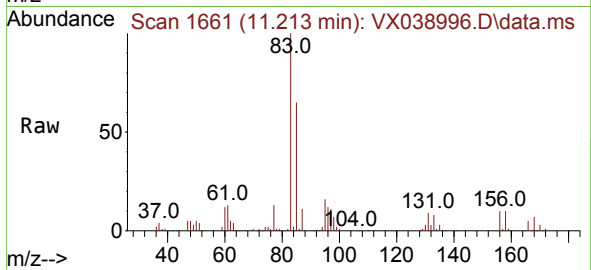




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.518 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

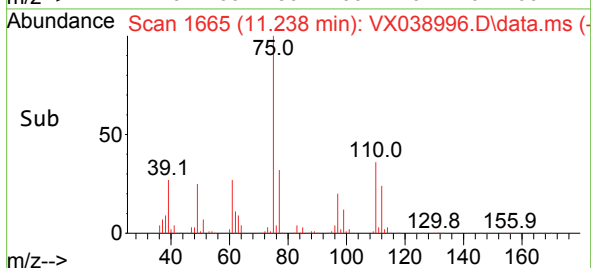
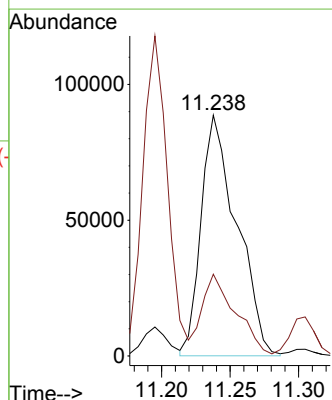
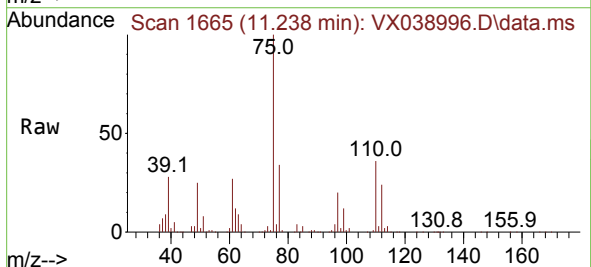
Instrument :  
 MSVOA\_X  
 ClientSampleId :

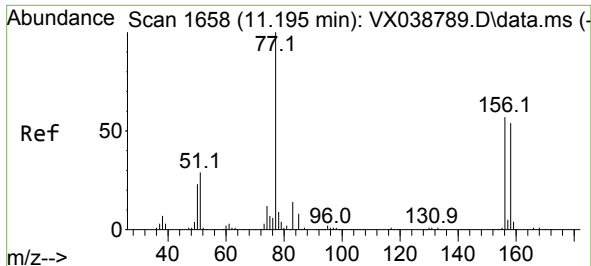
Tgt Ion: 83 Resp: 139957  
 Ion Ratio Lower Upper  
 83 100  
 131 9.0 5.3 15.8  
 85 64.3 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 62.375 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

Tgt Ion: 75 Resp: 160862  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 19.1 57.5

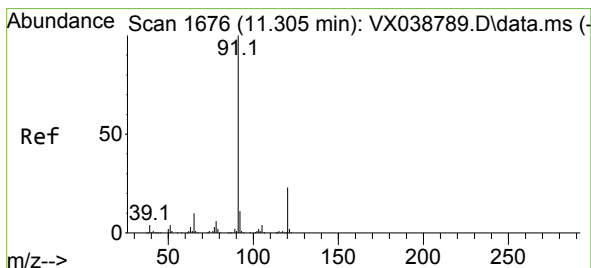
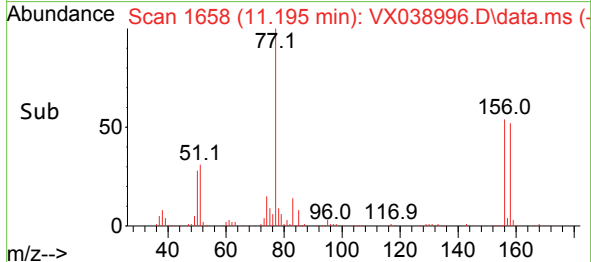
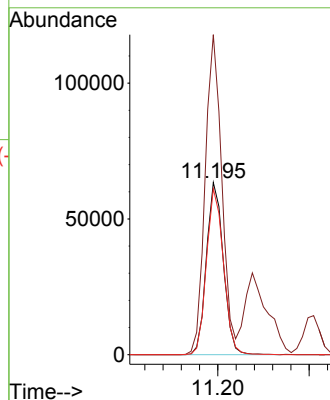
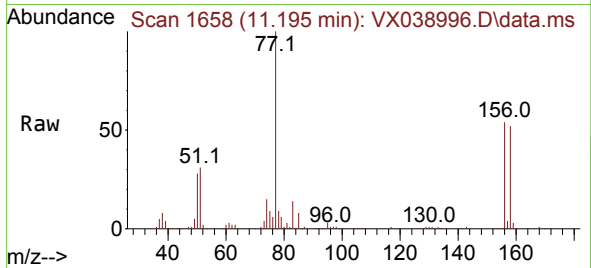




#77  
Bromobenzene  
Concen: 44.816 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

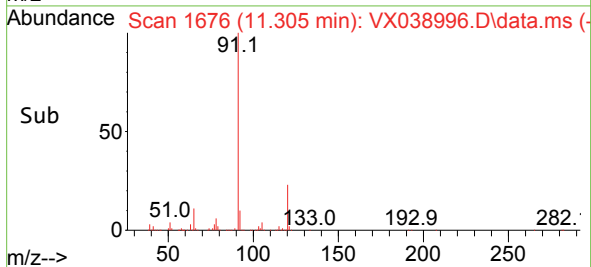
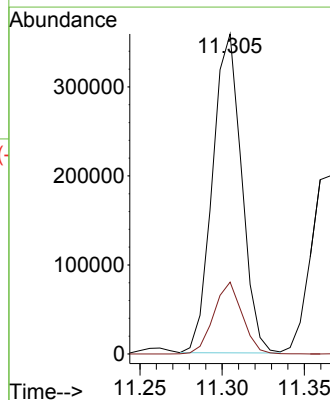
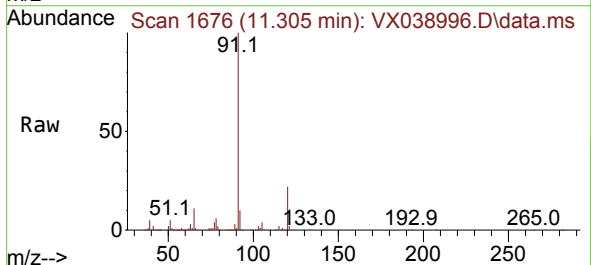
Instrument :  
MSVOA\_X  
ClientSampleId :

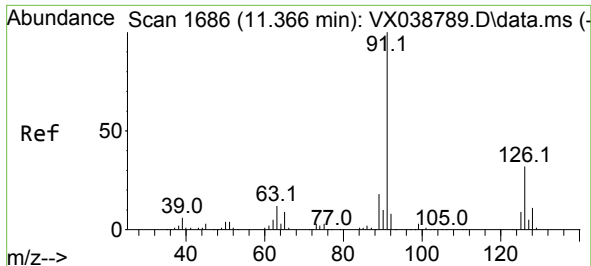
Tgt Ion:156 Resp: 81100  
Ion Ratio Lower Upper  
156 100  
77 183.5 88.4 265.3  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 44.554 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 91 Resp: 441673  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.4

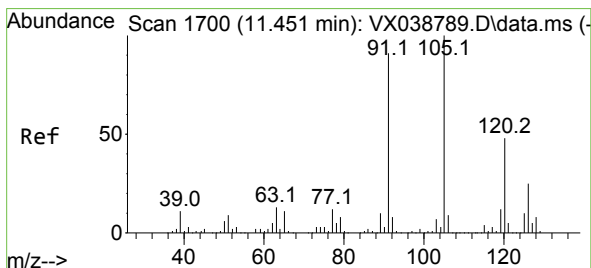
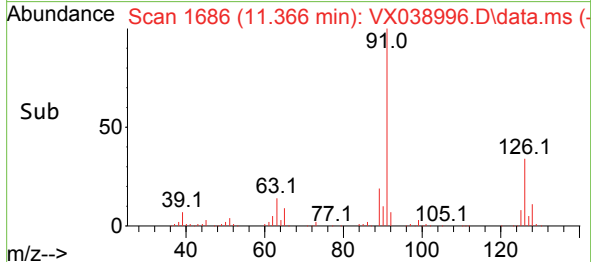
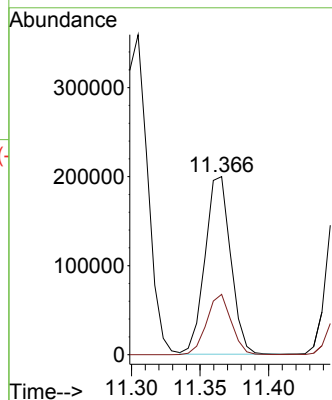
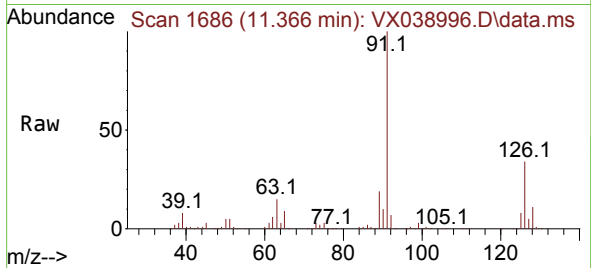




#79  
2-Chlorotoluene  
Concen: 44.164 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

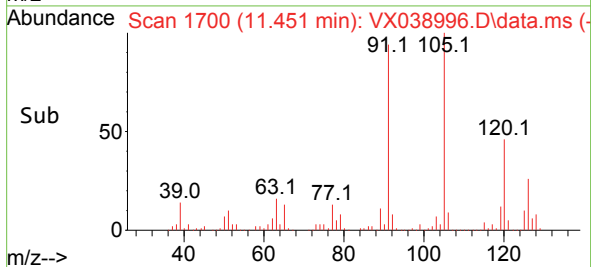
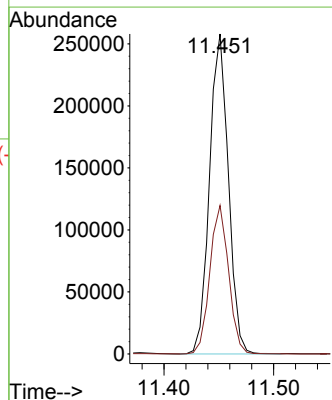
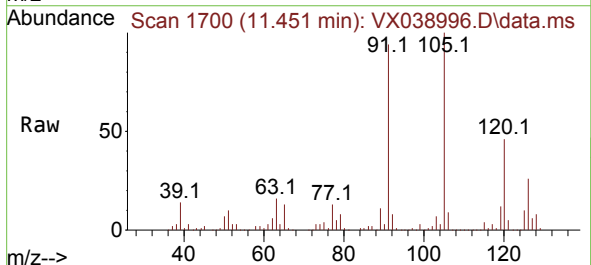
Instrument :  
MSVOA\_X  
ClientSampleId :

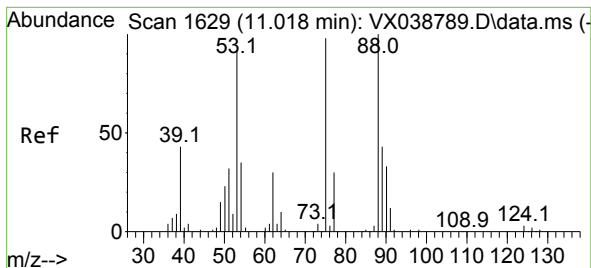
Tgt Ion: 91 Resp: 259819  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 45.523 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 105 Resp: 308263  
Ion Ratio Lower Upper  
105 100  
120 46.2 24.1 72.3

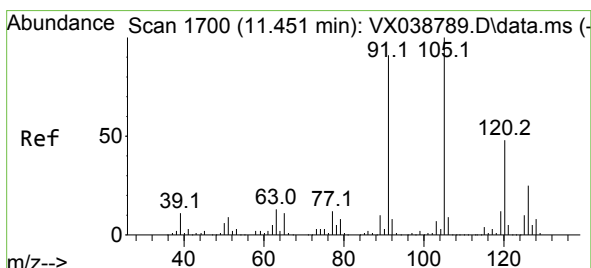
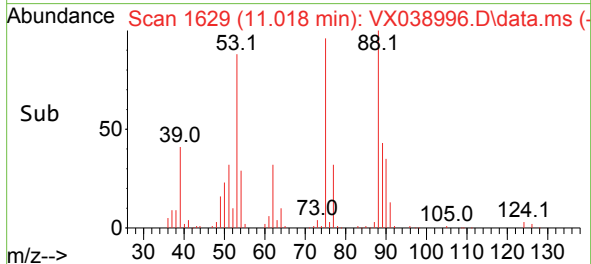
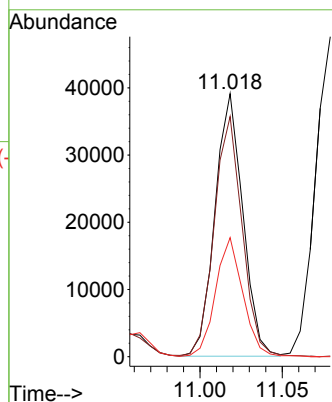
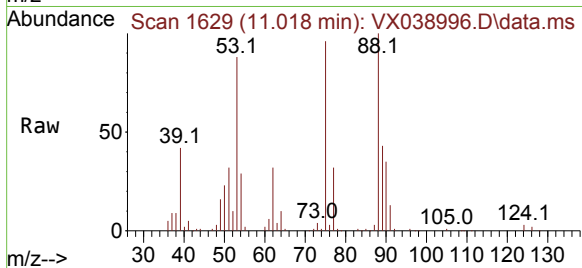




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 39.662 ug/l  
 RT: 11.018 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

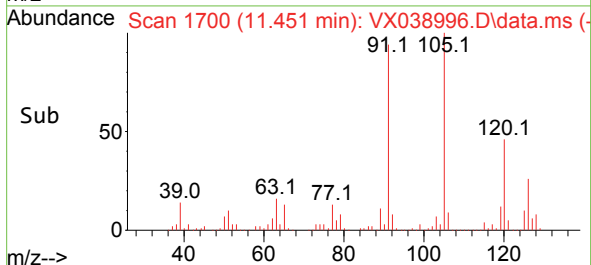
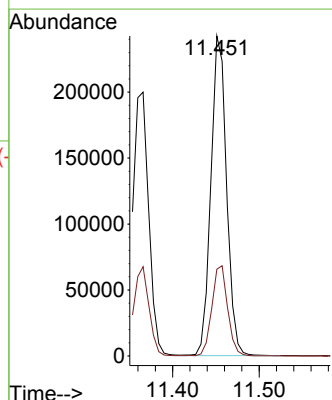
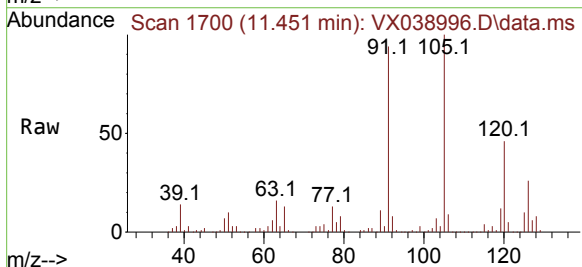
Instrument :  
 MSVOA\_X  
 ClientSampleId :

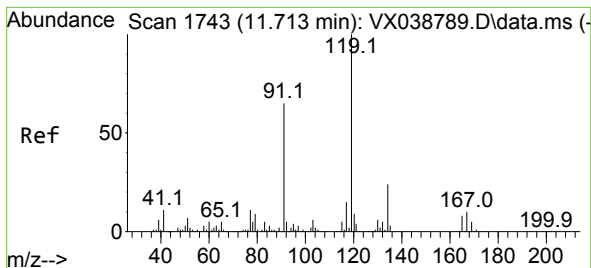
Tgt Ion: 75 Resp: 46114  
 Ion Ratio Lower Upper  
 75 100  
 53 92.1 90.5 135.7  
 89 44.6 36.9 55.3



#82  
 4-Chlorotoluene  
 Concen: 44.944 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

Tgt Ion: 91 Resp: 304873  
 Ion Ratio Lower Upper  
 91 100  
 126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.209 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

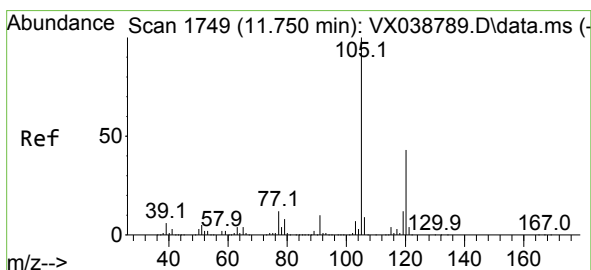
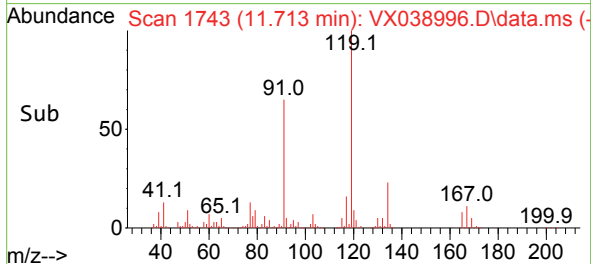
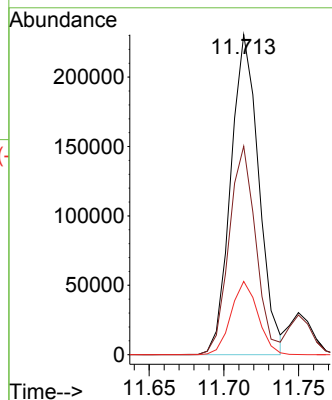
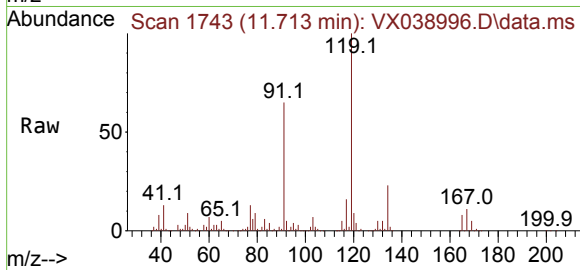
Tgt Ion:119 Resp: 301506

Ion Ratio Lower Upper

119 100

91 62.4 31.2 93.6

134 21.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 45.278 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038996.D

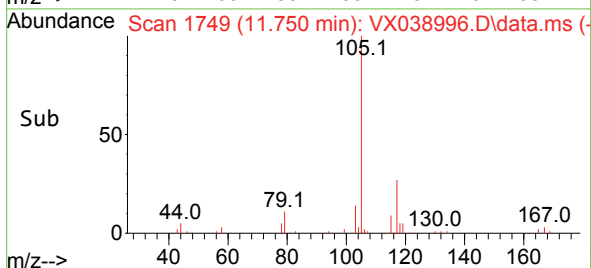
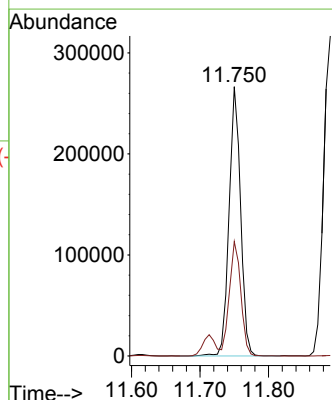
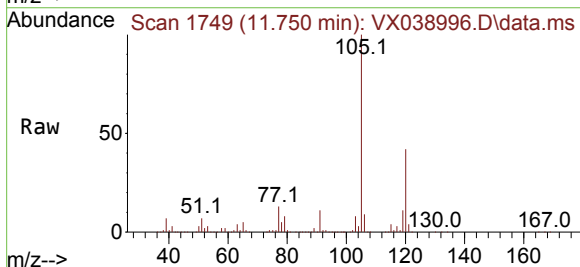
Acq: 21 Nov 2023 19:39

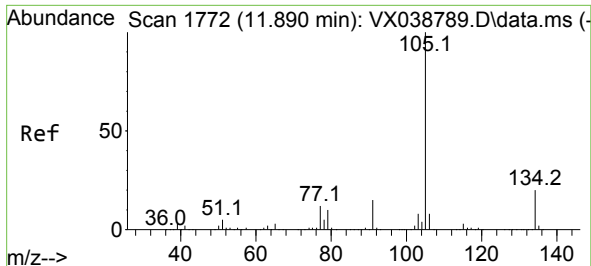
Tgt Ion:105 Resp: 310334

Ion Ratio Lower Upper

105 100

120 42.3 21.2 63.6

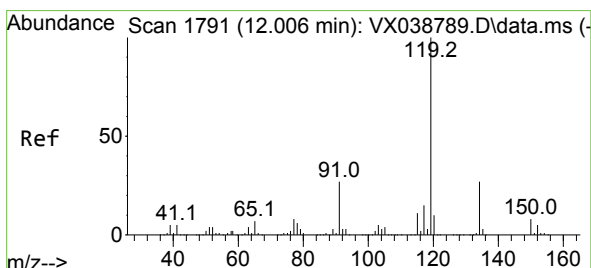
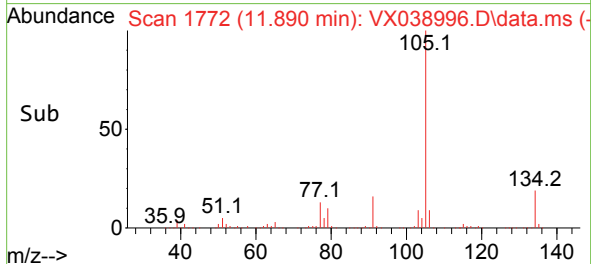
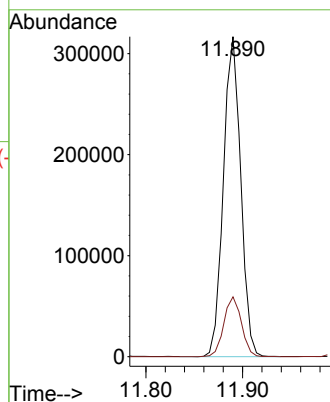
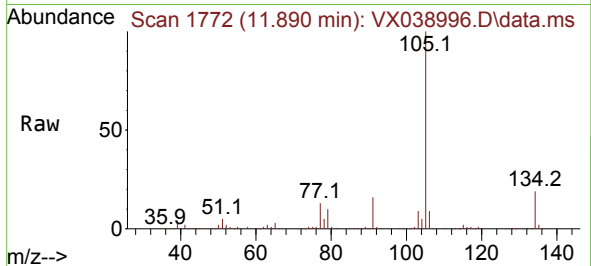




#85  
 sec-Butylbenzene  
 Concen: 45.079 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

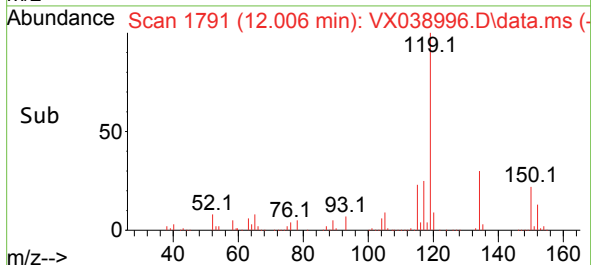
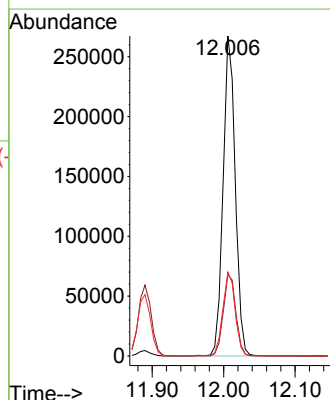
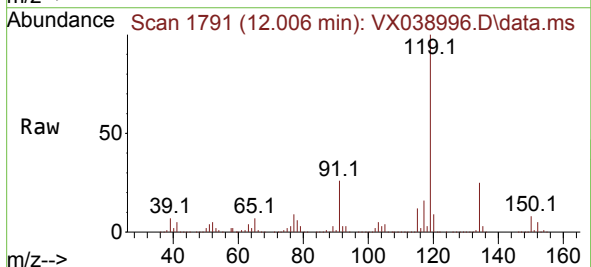
Instrument :  
 MSVOA\_X  
 ClientSampleId :

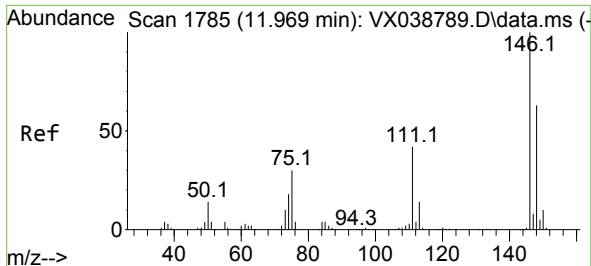
Tgt Ion:105 Resp: 393242  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 45.159 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

Tgt Ion:119 Resp: 316240  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.8 38.3  
 91 26.6 13.1 39.3

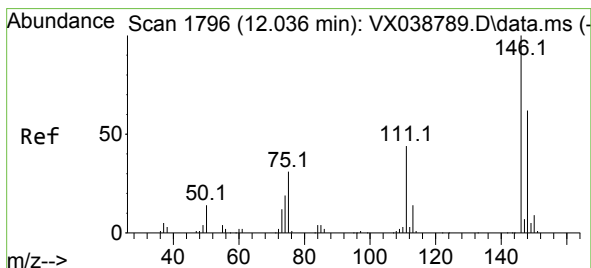
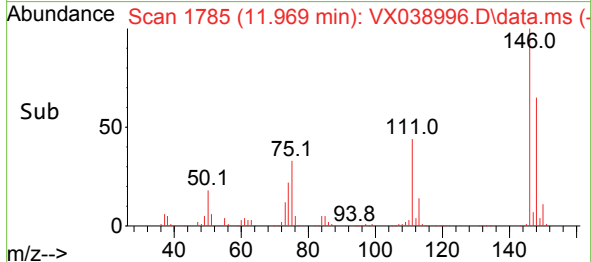
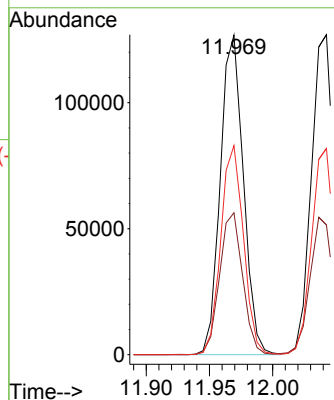
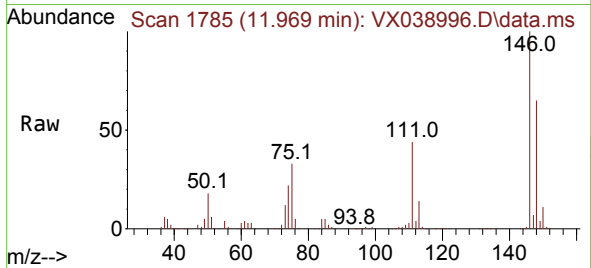




#87  
1,3-Dichlorobenzene  
Concen: 45.332 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

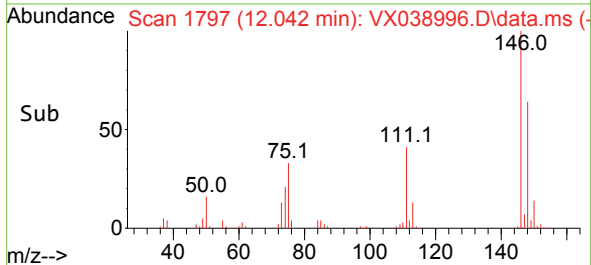
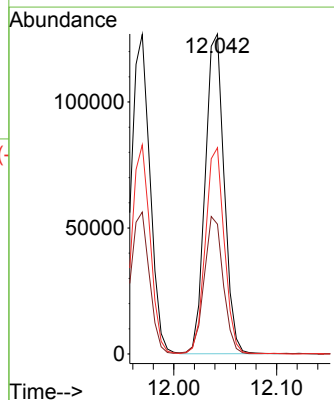
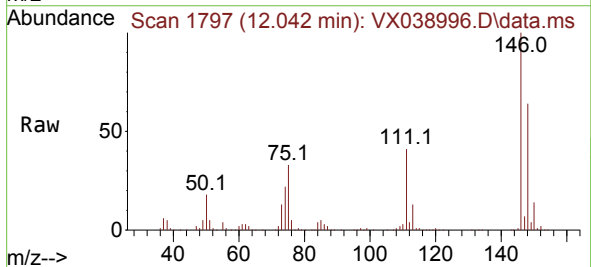
Instrument :  
MSVOA\_X  
ClientSampleId :

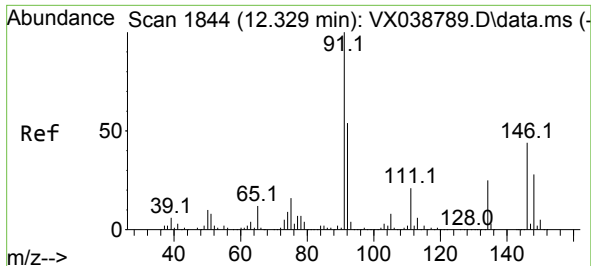
Tgt Ion:146 Resp: 160641  
Ion Ratio Lower Upper  
146 100  
111 44.4 22.1 66.1  
148 64.3 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 44.816 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

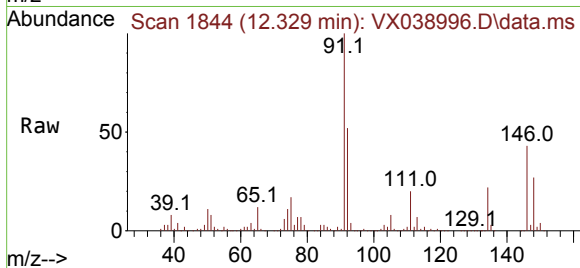
Tgt Ion:146 Resp: 162545  
Ion Ratio Lower Upper  
146 100  
111 43.3 21.3 63.7  
148 64.8 31.8 95.4



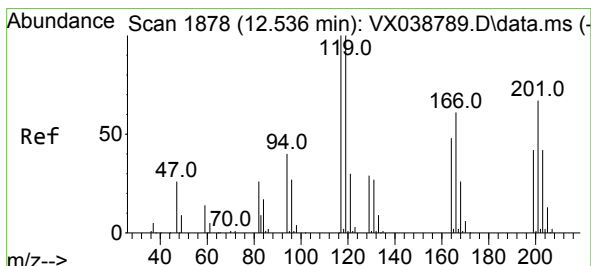
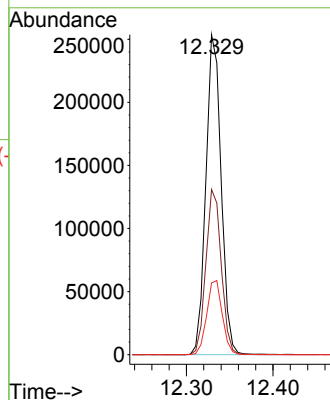
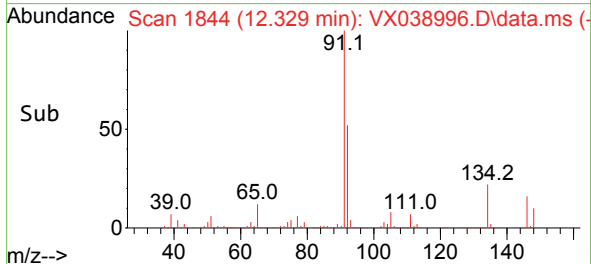


#89  
n-Butylbenzene  
Concen: 43.972 ug/l  
RT: 12.329 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Instrument :  
MSVOA\_X  
ClientSampleId :

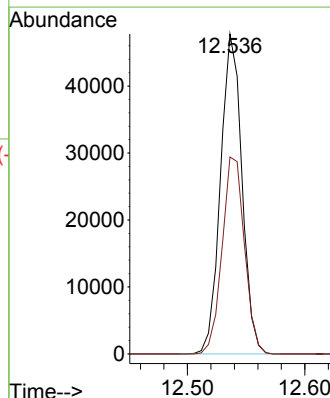
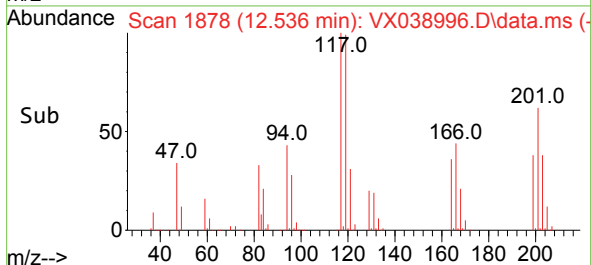
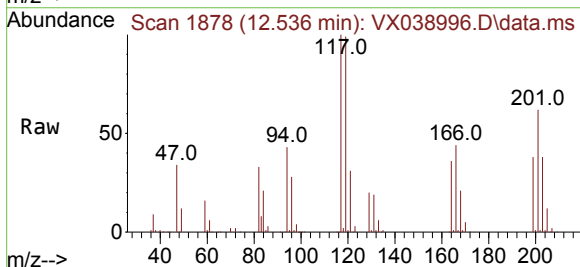


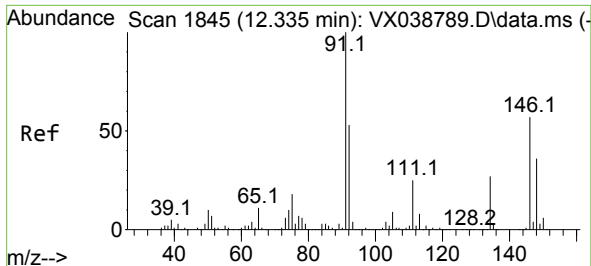
Tgt Ion: 91 Resp: 310673  
Ion Ratio Lower Upper  
91 100  
92 52.0 27.4 82.0  
134 23.7 12.6 37.8



#90  
Hexachloroethane  
Concen: 43.312 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX038996.D  
Acq: 21 Nov 2023 19:39

Tgt Ion: 117 Resp: 60569  
Ion Ratio Lower Upper  
117 100  
201 64.3 32.9 98.6

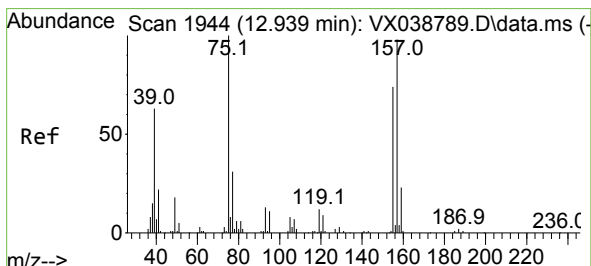
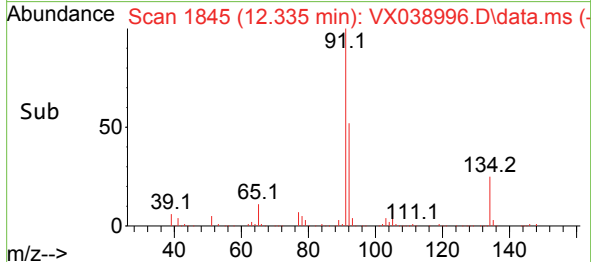
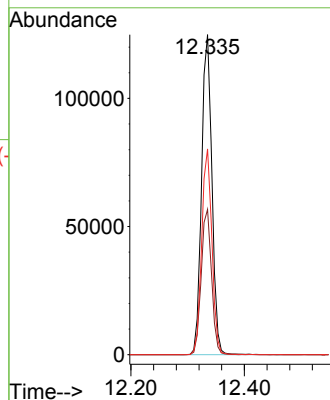
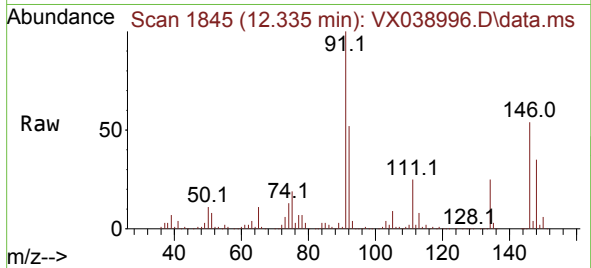




#91  
 1,2-Dichlorobenzene  
 Concen: 46.919 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

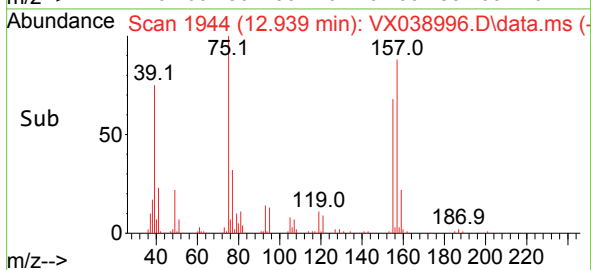
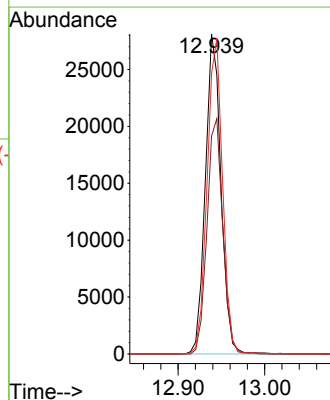
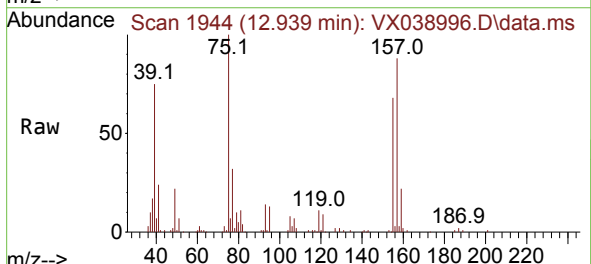
Instrument :  
 MSVOA\_X  
 ClientSampleId :

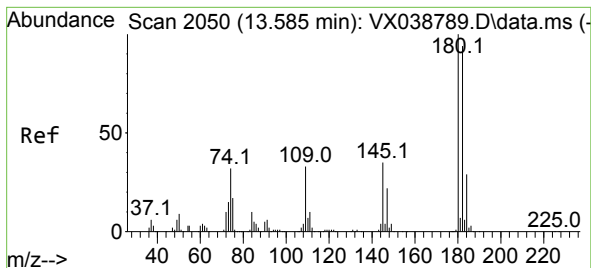
Tgt Ion:146 Resp: 157697  
 Ion Ratio Lower Upper  
 146 100  
 111 45.3 22.4 67.0  
 148 63.4 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.594 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. 0.000 min  
 Lab File: VX038996.D  
 Acq: 21 Nov 2023 19:39

Tgt Ion: 75 Resp: 35119  
 Ion Ratio Lower Upper  
 75 100  
 155 74.2 36.1 108.5  
 157 97.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 45.040 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

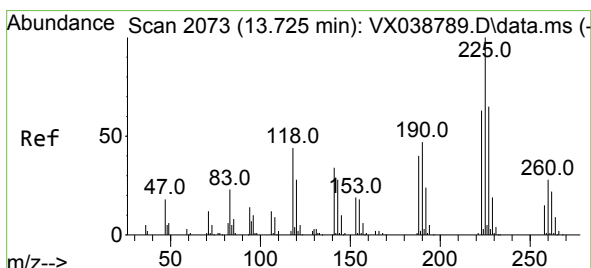
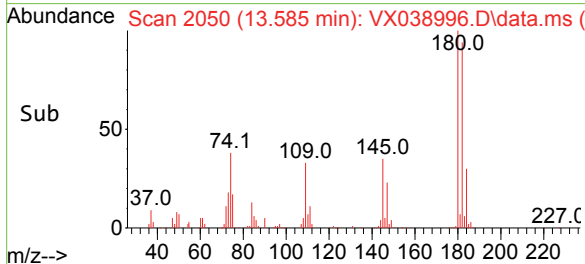
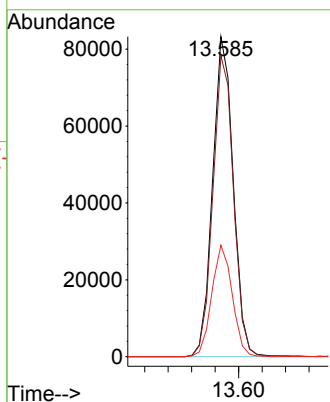
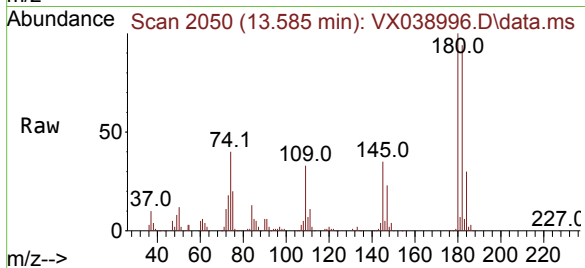
Tgt Ion:180 Resp: 101444

Ion Ratio Lower Upper

180 100

182 94.1 48.3 144.8

145 34.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 44.481 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

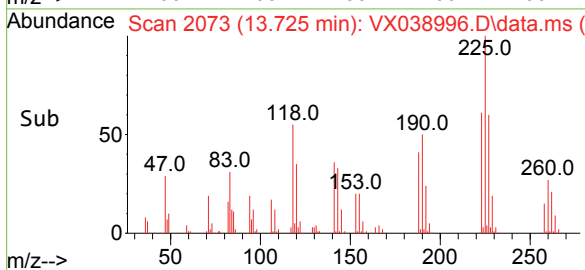
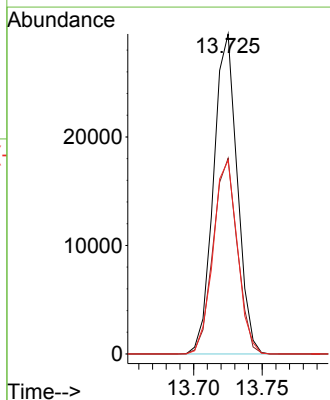
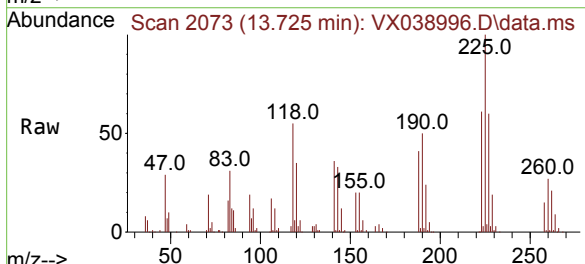
Tgt Ion:225 Resp: 35478

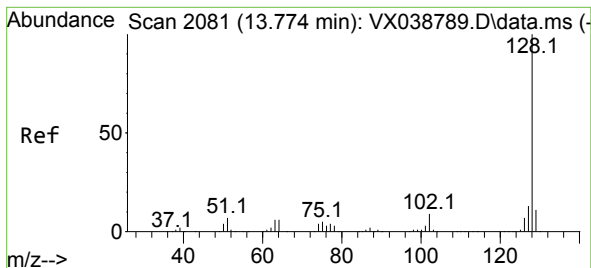
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 61.8 32.5 97.5





#95

Naphthalene

Concen: 45.247 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA\_X

ClientSampleId :

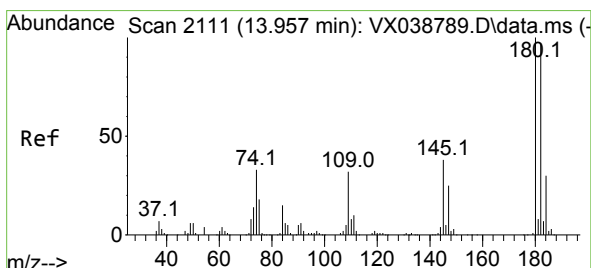
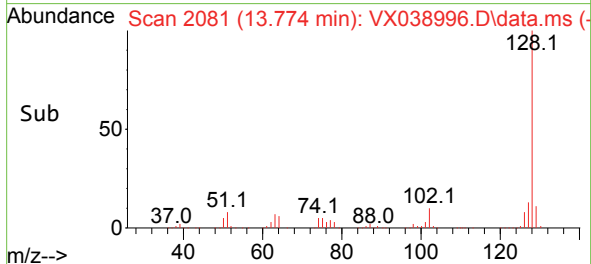
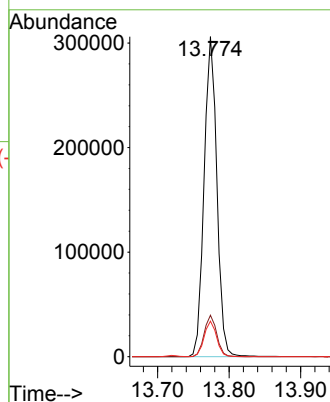
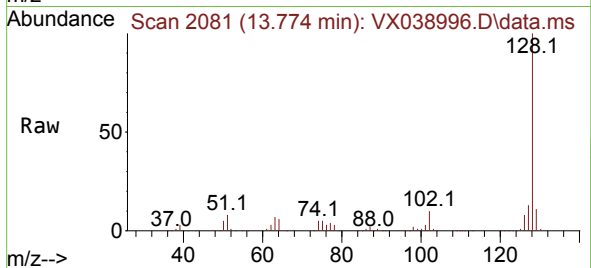
Tgt Ion:128 Resp: 379555

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.393 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:180 Resp: 99053

Ion Ratio Lower Upper

180 100

182 93.2 46.9 140.6

145 36.0 17.8 53.5

