

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052323\  
 Data File : VX035807.D  
 Acq On : 23 May 2023 10:52  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: May 23 11:19:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 23 11:17:24 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                        |        |       |          |          |        |           |
| Internal Standards           |        |       |          |          |        |           |
| 1) Bromochloromethane        | 4.904  | 128   | 36785    | 30.000   | ug/l   | 0.01      |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 218755   | 30.000   | ug/l   | 0.00      |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 197235   | 30.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |        |       |          |          |        |           |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 92645    | 26.884   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 89.600%#  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 101659   | 26.452   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 88.167%   |
| 63) Toluene-d8               | 8.647  | 98    | 260531   | 36.679   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 122.267%# |
| Target Compounds             |        |       |          |          |        |           |
|                              |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 331707   | 107.704  | ug/l   | 98        |
| 3) Chloromethane             | 1.295  | 50    | 352299   | 87.621   | ug/l   | 98        |
| 4) Vinyl Chloride            | 1.374  | 62    | 347785   | 87.872   | ug/l   | 96        |
| 5) Bromomethane              | 1.618  | 94    | 216732   | 82.685   | ug/l   | 98        |
| 6) Chloroethane              | 1.691  | 64    | 221191   | 85.536   | ug/l   | 98        |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 565569   | 90.555   | ug/l   | 100       |
| 8) Diethyl Ether             | 2.130  | 74    | 203084   | 87.759   | ug/l   | 99        |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 305482   | 96.078   | ug/l   | 99        |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 294070   | 89.713   | ug/l   | 97        |
| 11) Methyl Iodide            | 2.453  | 142   | 380036   | 90.906   | ug/l   | 96        |
| 12) Methyl Acetate           | 2.709  | 43    | 807874   | 107.216  | ug/l   | 99        |
| 13) Acrolein                 | 2.240  | 56    | 304456   | 368.814  | ug/l   | 100       |
| 14) Acrylonitrile            | 3.075  | 53    | 983294   | 482.029  | ug/l   | 99        |
| 15) Acetone                  | 2.404  | 58    | 265988   | 471.378  | ug/l   | 98        |
| 16) Carbon Disulfide         | 2.514  | 76    | 715985   | 86.445   | ug/l   | 99        |
| 17) Allyl chloride           | 2.660  | 41    | 607732   | 94.889   | ug/l   | 98        |
| 18) Methylene Chloride       | 2.788  | 84    | 356252   | 91.171   | ug/l   | 98        |
| 19) trans-1,2-Dichloroethene | 3.087  | 96    | 316991   | 87.315   | ug/l   | 93        |
| 20) Diisopropyl ether        | 3.764  | 45    | 1206340  | 91.611   | ug/l # | 87        |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 653675   | 93.013   | ug/l   | 100       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 393327   | 92.815   | ug/l   | 99        |
| 23) tert-Butyl Alcohol       | 3.032  | 59    | 131910   | 146.011  | ug/l # | 1         |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 1125486  | 91.108   | ug/l   | 94        |
| 25) Chloroform               | 5.093  | 83    | 658145   | 91.692   | ug/l   | 99        |
| 26) Cyclohexane              | 5.471  | 56    | 550832   | 91.959   | ug/l # | 98        |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 484062   | 104.687  | ug/l   | 98        |
| 30) 2-Butanone               | 4.568  | 43    | 1433333  | 540.864  | ug/l   | 99        |
| 31) 2,2-Dichloropropane      | 4.471  | 77    | 539053   | 113.935  | ug/l   | 99        |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 572133   | 105.460  | ug/l   | 100       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 476288   | 106.858  | ug/l   | 95        |
| 34) Benzene                  | 6.038  | 78    | 1397441  | 102.739  | ug/l   | 100       |
| 35) Methacrylonitrile        | 4.922  | 41    | 321414   | 111.152  | ug/l   | 97        |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 541705   | 100.939  | ug/l   | 100       |
| 37) Trichloroethene          | 7.123  | 130   | 362123   | 104.349  | ug/l   | 95        |
| 38) Methylcyclohexane        | 7.379  | 83    | 579177   | 117.784  | ug/l   | 98        |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 380182   | 106.824  | ug/l   | 98        |
| 40) Dibromomethane           | 7.580  | 93    | 261843   | 107.409  | ug/l   | 97        |
| 41) Bromodichloromethane     | 7.824  | 83    | 506912   | 110.480  | ug/l # | 99        |
| 42) Vinyl Acetate            | 3.721  | 43    | 4423206  | 524.028  | ug/l   | 100       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052323\  
 Data File : VX035807.D  
 Acq On : 23 May 2023 10:52  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: May 23 11:19:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 23 11:17:24 2023  
 Response via : Initial Calibration

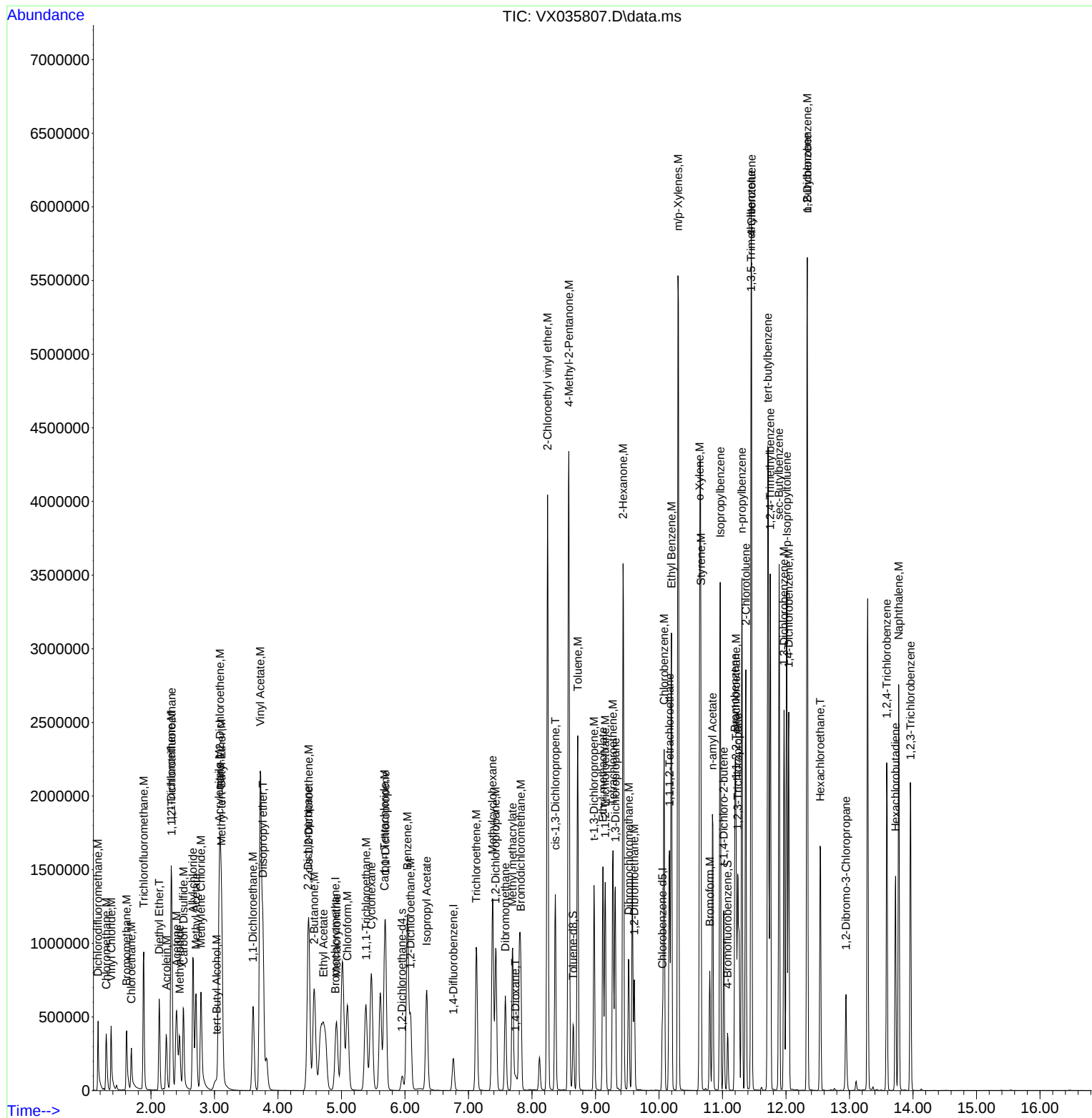
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 562826   | 110.775  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 955591   | 111.205  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 7.739  | 88   | 165410   | 1942.828 | ug/l # | 84       |
| 46) Methyl methacrylate       | 7.690  | 41   | 467280   | 111.398  | ug/l   | 98       |
| 47) n-amyl Acetate            | 10.842 | 43   | 816155   | 109.317  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 587991   | 117.233  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 621570   | 112.756  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 362914   | 105.894  | ug/l   | 99       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 600470   | 109.269  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 631707   | 104.718  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.525  | 129  | 380317   | 113.211  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 386604   | 105.716  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.245  | 63   | 1531103  | 526.539  | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 259997   | 112.586  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43   | 2734206  | 625.716  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 2039923  | 617.016  | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 284623   | 113.172  | ug/l   | 97       |
| 62) Toluene                   | 8.720  | 91   | 1470183  | 118.917  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.080 | 112  | 934089   | 121.840  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 351321   | 129.061  | ug/l   | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 1701535  | 123.737  | ug/l   | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 1276506  | 242.741  | ug/l   | 97       |
| 68) o-Xylene                  | 10.640 | 106  | 638249   | 122.620  | ug/l   | 99       |
| 69) Styrene                   | 10.659 | 104  | 1077184  | 125.240  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.964 | 105  | 1678349  | 125.134  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 552361   | 123.740  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 639661   | 160.005  | ug/l   | 92       |
| 73) Bromobenzene              | 11.195 | 156  | 389479   | 120.355  | ug/l   | 94       |
| 74) n-propylbenzene           | 11.305 | 91   | 2025591  | 129.238  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 1204081  | 123.076  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1417809  | 125.195  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 186561   | 150.472  | ug/l   | 92       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 1376979  | 122.379  | ug/l   | 100      |
| 79) tert-butylbenzene         | 11.713 | 119  | 1389226  | 128.592  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1408569  | 124.583  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 1805744  | 137.663  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 1483969  | 133.839  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 737320   | 120.489  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 742523   | 120.520  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 1377233  | 144.359  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 264812   | 146.134  | ug/l   | 93       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 694444   | 115.692  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 123998   | 128.265  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 461579   | 128.675  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 180461   | 134.501  | ug/l   | 99       |
| 91) Naphthalene               | 13.774 | 128  | 1565787  | 124.272  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 450395   | 126.172  | ug/l   | 99       |

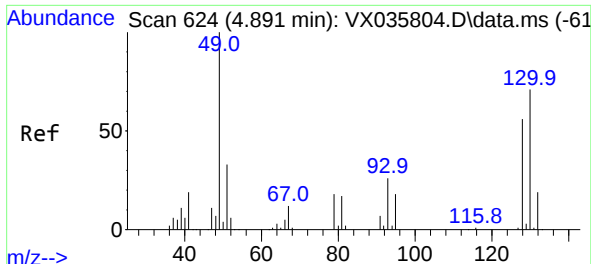
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052323\  
Data File : VX035807.D  
Acq On : 23 May 2023 10:52  
Operator : JC/MD  
Sample : VSTDIC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDICC150

Quant Time: May 23 11:19:28 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Tue May 23 11:17:24 2023  
Response via : Initial Calibration

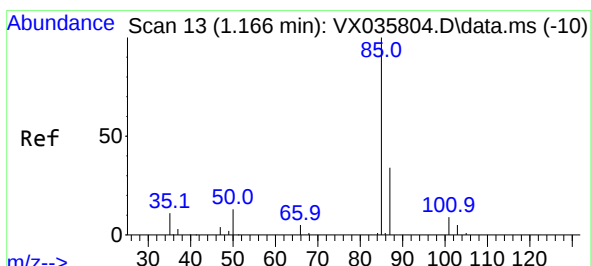
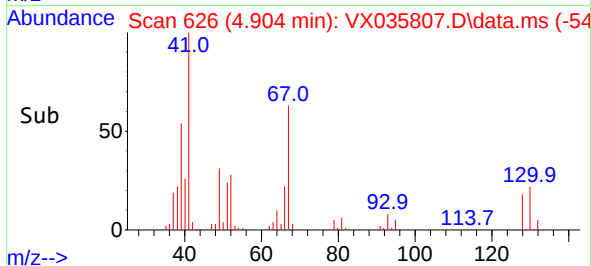
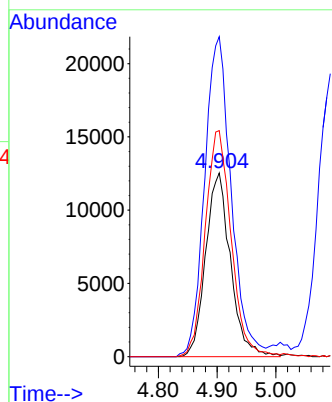
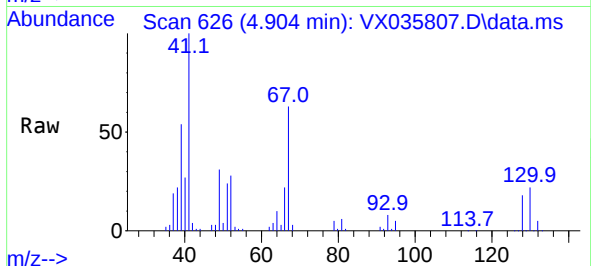




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.013 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

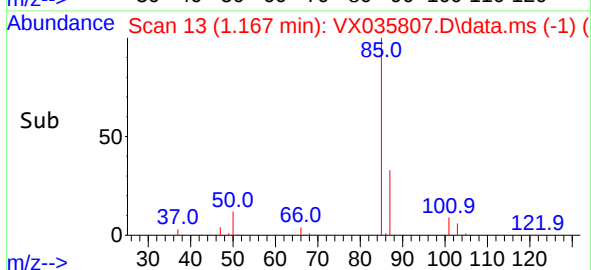
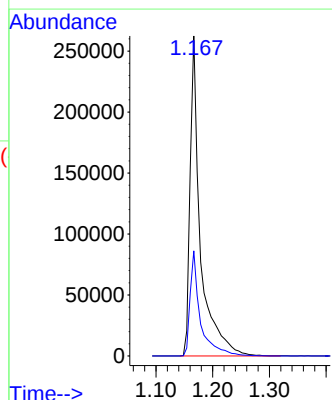
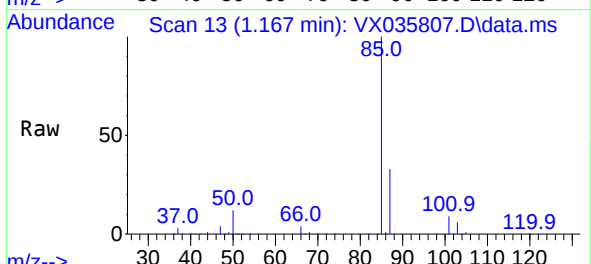
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 36785  
Ion Ratio Lower Upper  
128 100  
49 186.3 0.0 428.8  
130 128.7 0.0 310.8

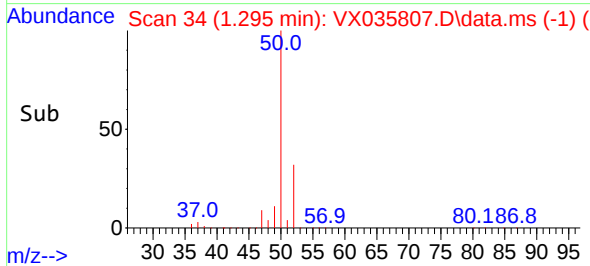
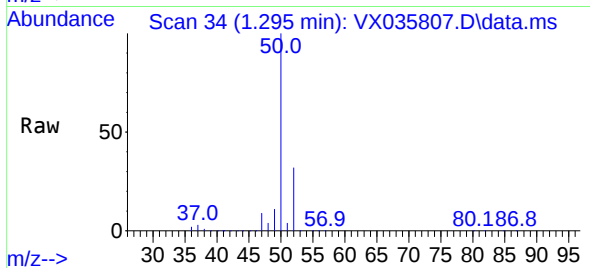
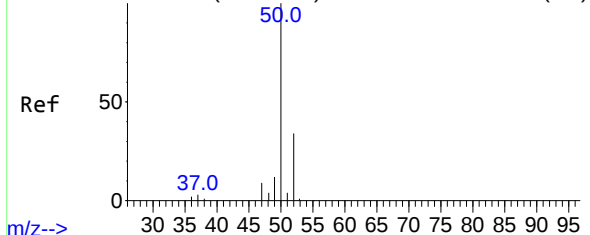


#2  
Dichlorodifluoromethane  
Concen: 107.704 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 85 Resp: 331707  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.0 48.0



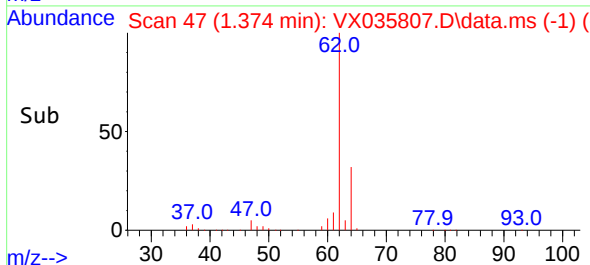
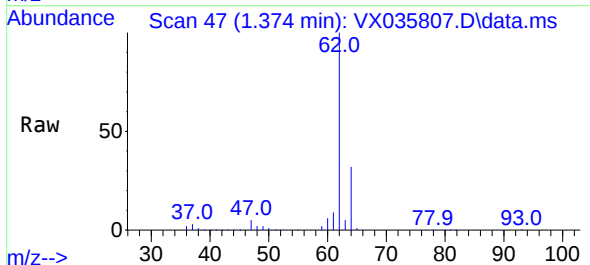
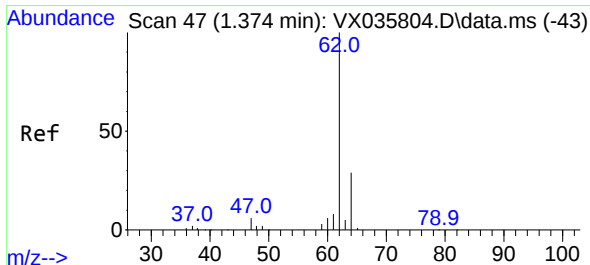
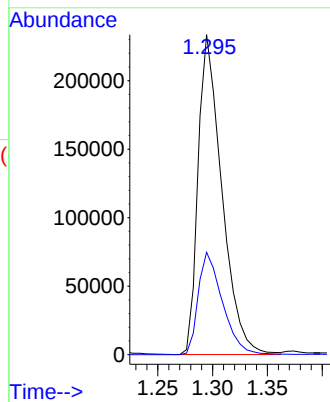
Abundance Scan 34 (1.294 min): VX035804.D\data.ms (-30)



#3  
Chloromethane  
Concen: 87.621 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

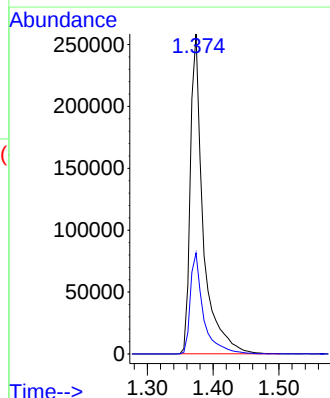
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 50 Resp: 352299  
Ion Ratio Lower Upper  
50 100  
52 32.0 24.6 36.8

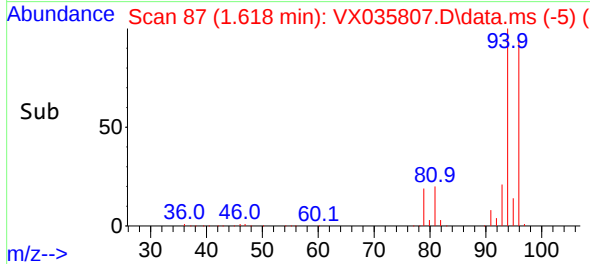
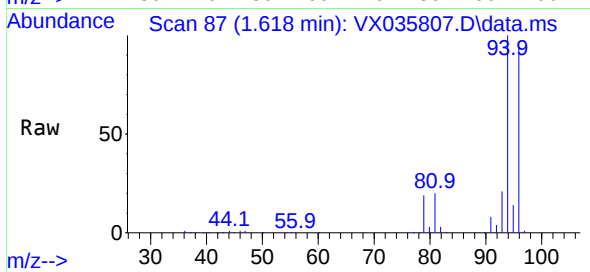
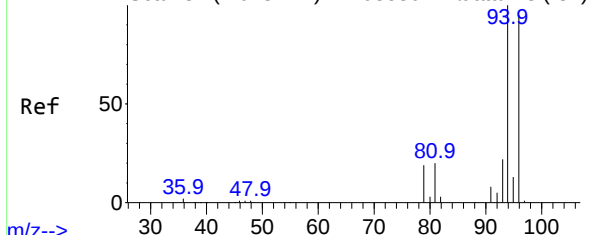


#4  
Vinyl Chloride  
Concen: 87.872 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 62 Resp: 347785  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.9 40.3



Abundance Scan 87 (1.618 min): VX035804.D\data.ms (-82)



#5

Bromomethane

Concen: 82.685 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA\_X

ClientSampleId :

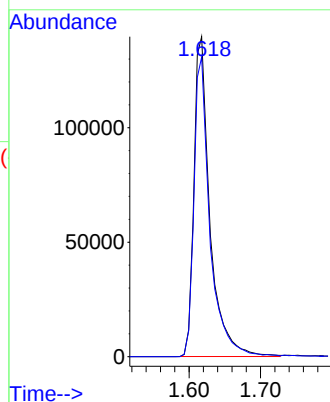
VSTDICC150

Tgt Ion: 94 Resp: 216732

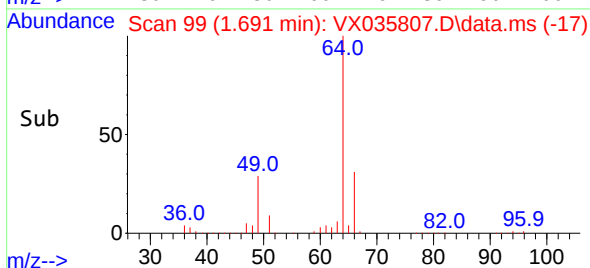
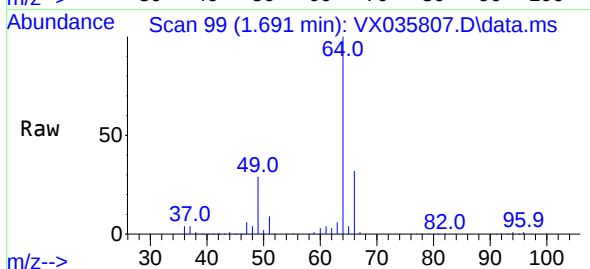
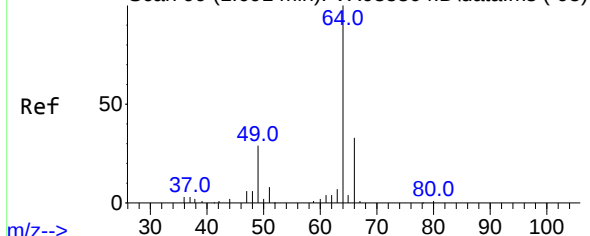
Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.0



Abundance Scan 99 (1.691 min): VX035804.D\data.ms (-95)



#6

Chloroethane

Concen: 85.536 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035807.D

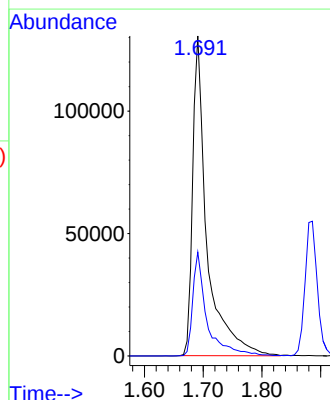
Acq: 23 May 2023 10:52

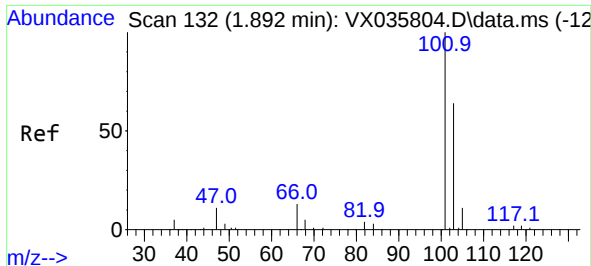
Tgt Ion: 64 Resp: 221191

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0

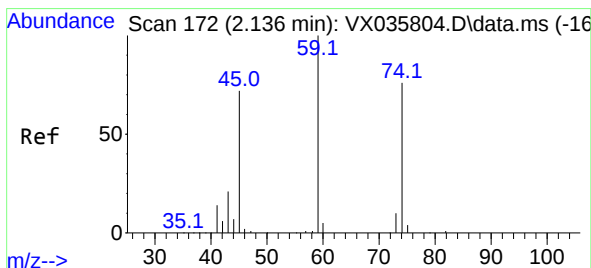
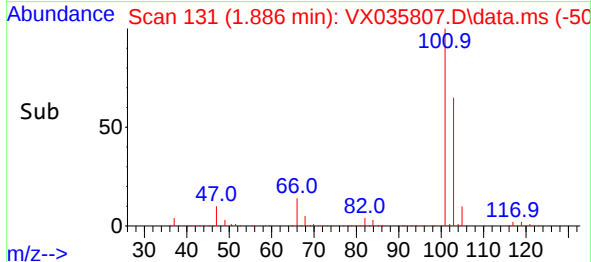
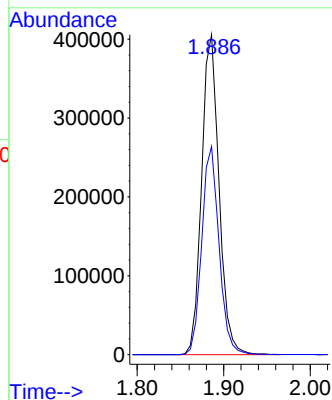
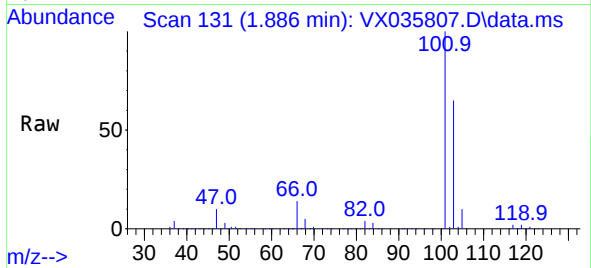




#7  
Trichlorofluoromethane  
Concen: 90.555 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

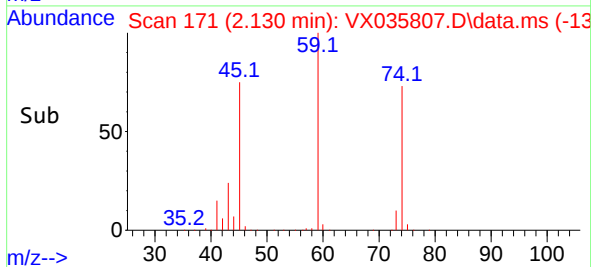
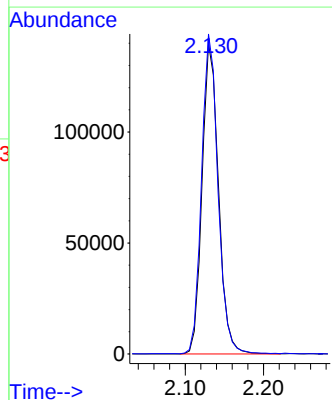
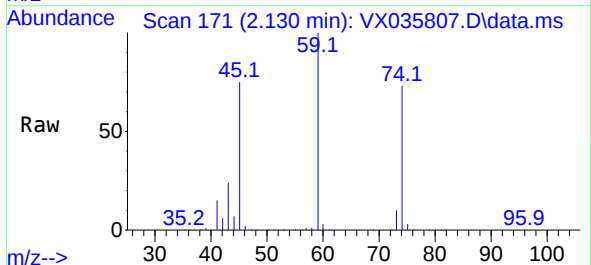
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

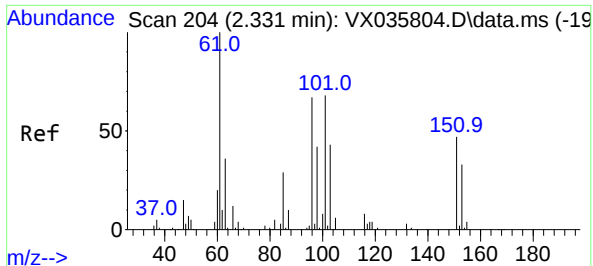
Tgt Ion:101 Resp: 565569  
Ion Ratio Lower Upper  
101 100  
103 65.0 52.1 78.1



#8  
Diethyl Ether  
Concen: 87.759 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 74 Resp: 203084  
Ion Ratio Lower Upper  
74 100  
45 103.1 20.5 184.5

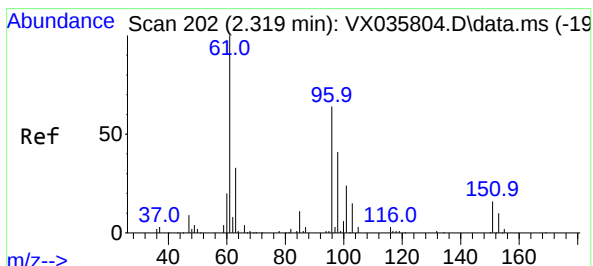
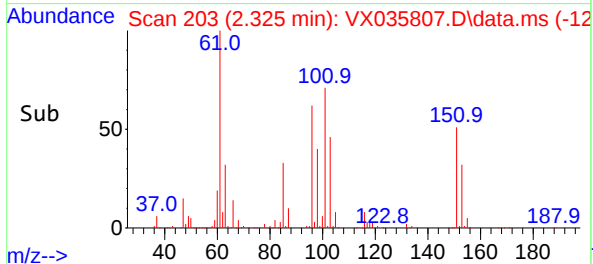
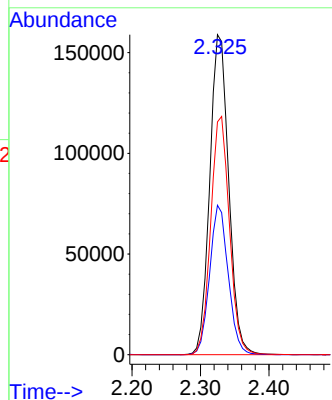
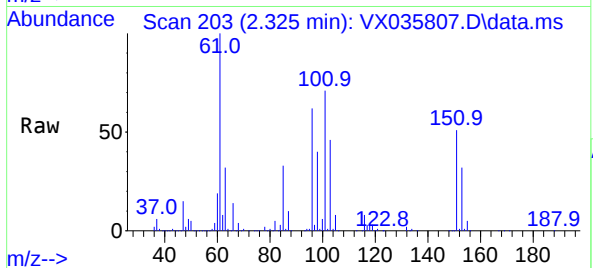




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.078 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

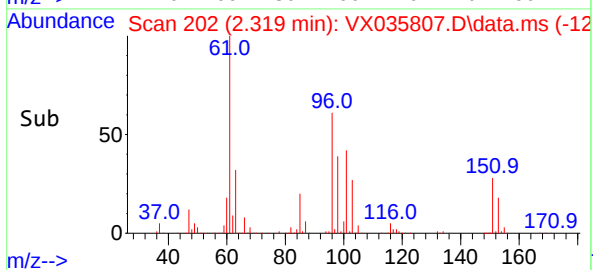
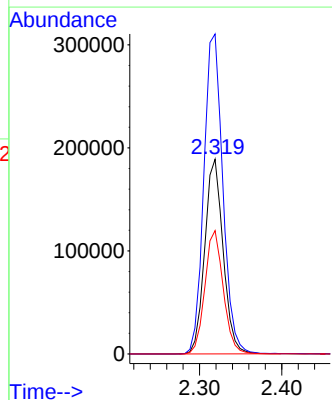
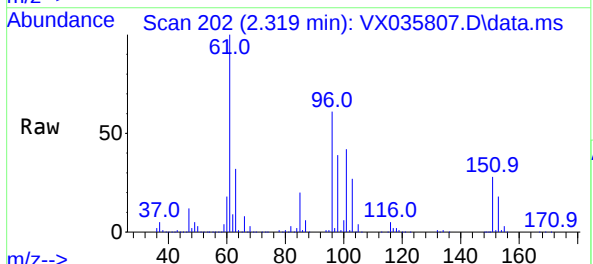
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

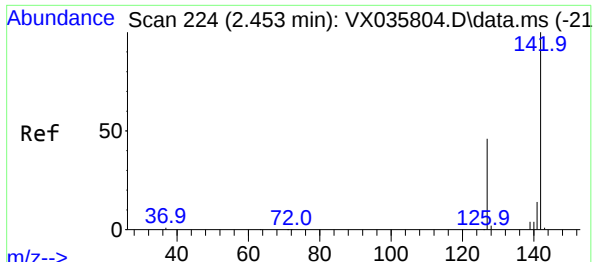
Tgt Ion:101 Resp: 305482  
Ion Ratio Lower Upper  
101 100  
85 45.8 0.0 88.8  
151 73.7 0.0 147.6



#10  
1,1-Dichloroethene  
Concen: 89.713 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 96 Resp: 294070  
Ion Ratio Lower Upper  
96 100  
61 164.5 135.8 203.6  
98 63.4 49.8 74.6

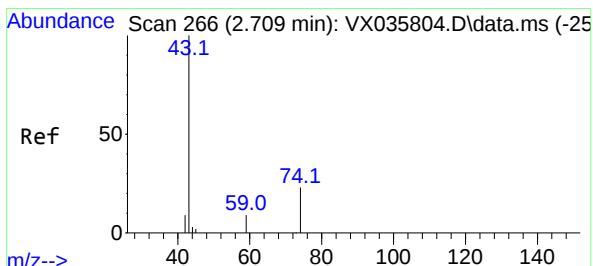
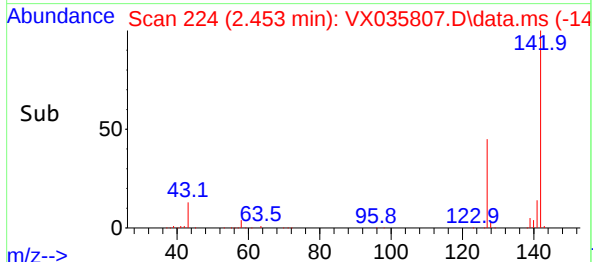
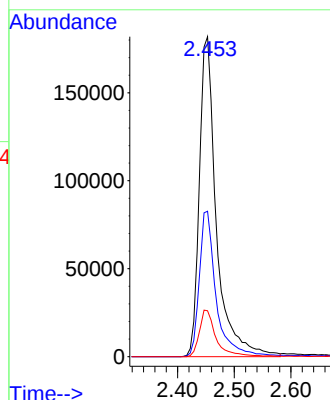
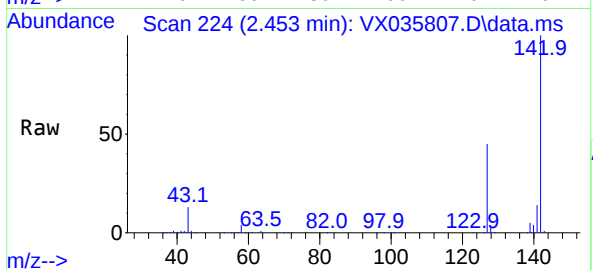




#11  
Methyl Iodide  
Concen: 90.906 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

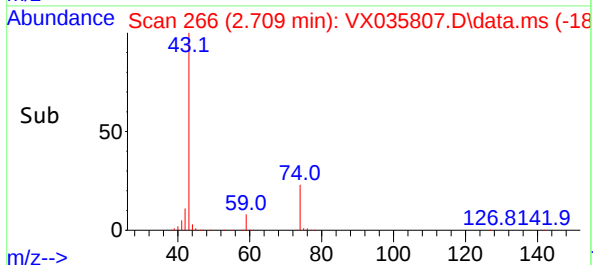
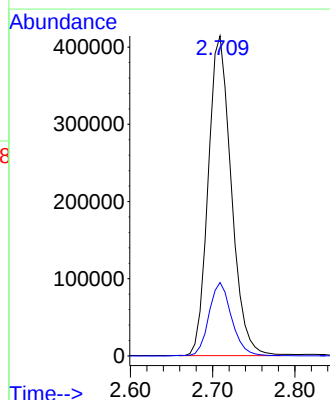
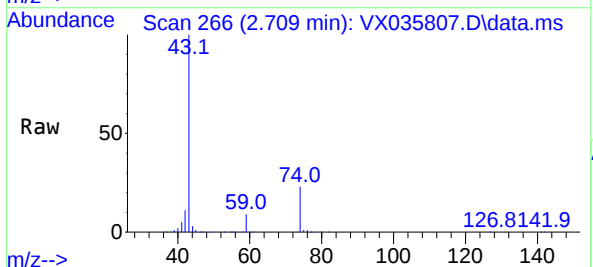
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

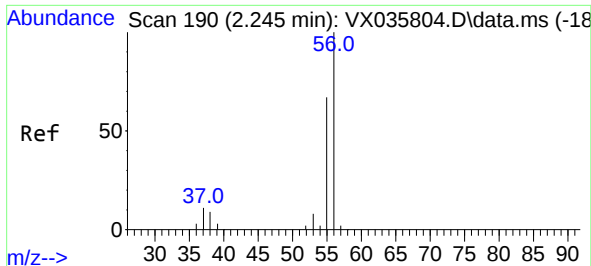
Tgt Ion:142 Resp: 380036  
Ion Ratio Lower Upper  
142 100  
127 45.5 24.5 73.5  
141 14.3 7.6 22.8



#12  
Methyl Acetate  
Concen: 107.216 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 807874  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.0 27.0

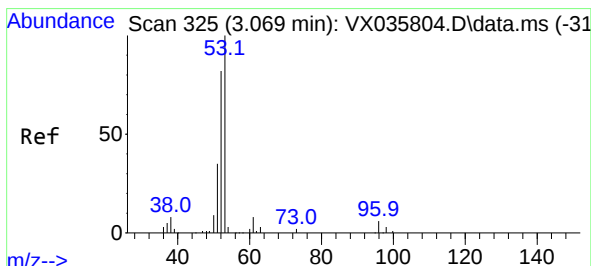
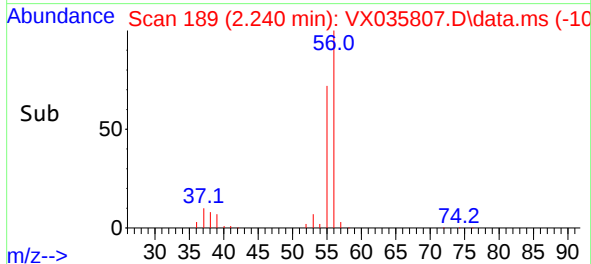
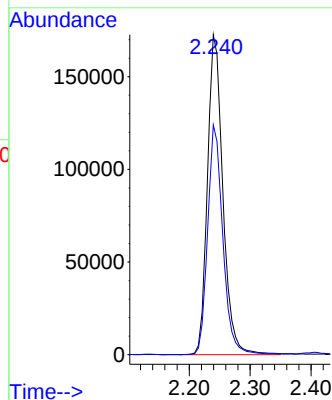
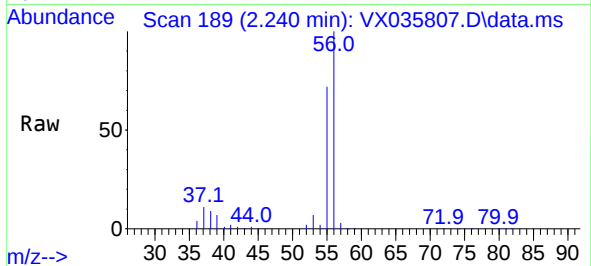




#13  
Acrolein  
Concen: 368.814 ug/l  
RT: 2.240 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

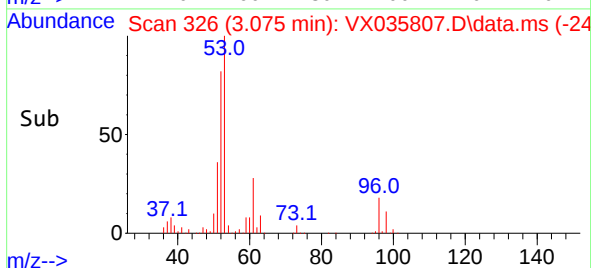
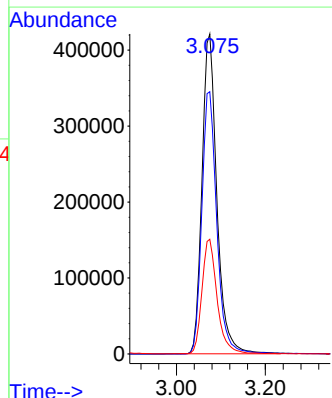
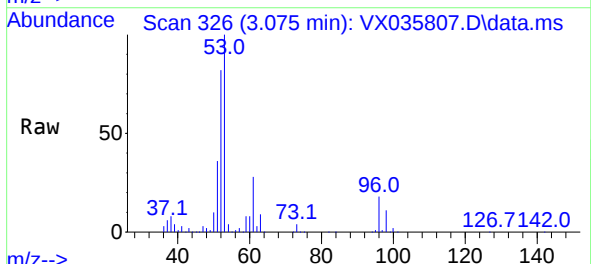
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

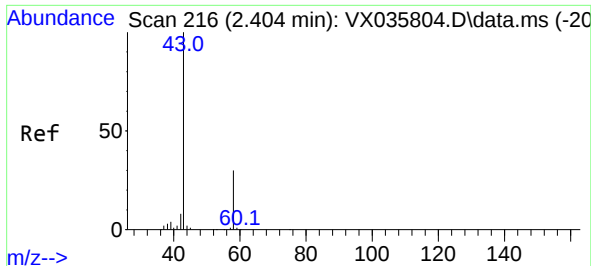
Tgt Ion: 56 Resp: 304456  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.6 85.0



#14  
Acrylonitrile  
Concen: 482.029 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 53 Resp: 983294  
Ion Ratio Lower Upper  
53 100  
52 82.2 41.3 123.7  
51 36.6 17.9 53.7

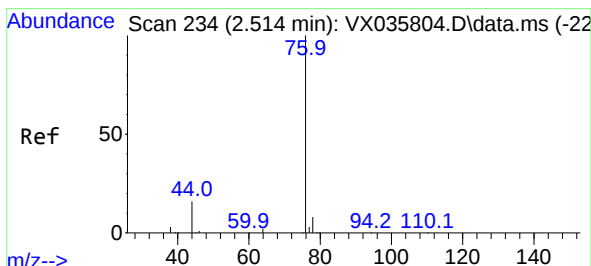
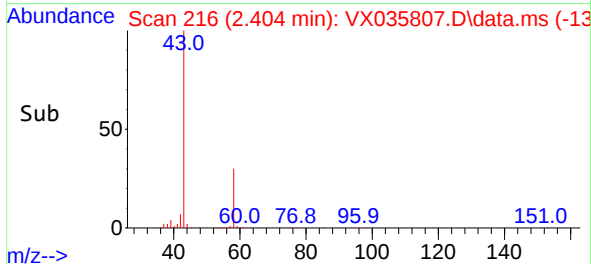
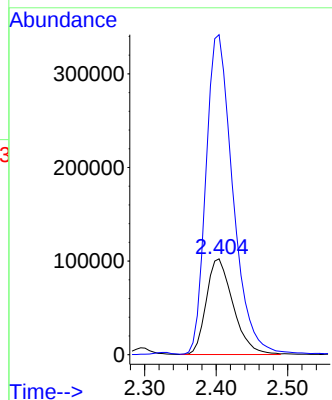
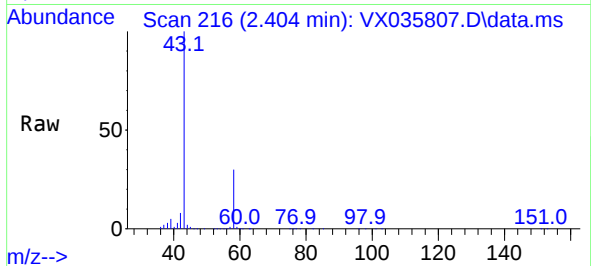




#15  
Acetone  
Concen: 471.378 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

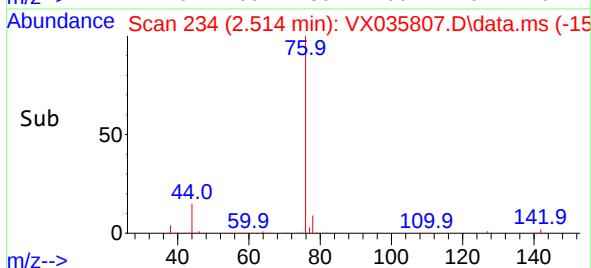
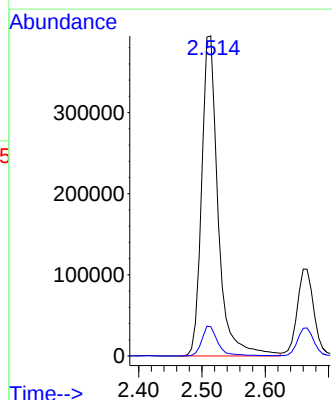
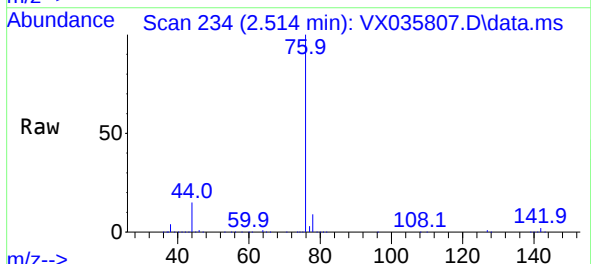
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

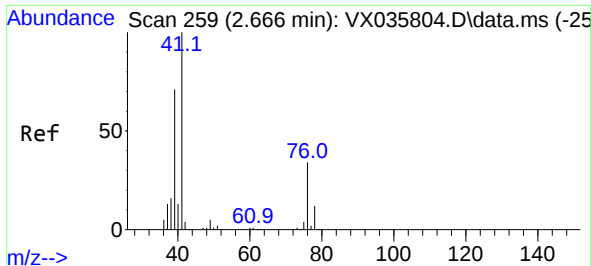
Tgt Ion: 58 Resp: 265988  
Ion Ratio Lower Upper  
58 100  
43 334.1 270.8 406.2



#16  
Carbon Disulfide  
Concen: 86.445 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 76 Resp: 715985  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



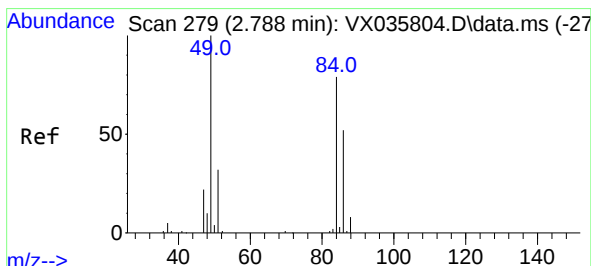
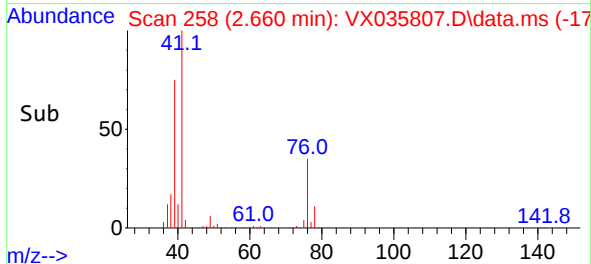
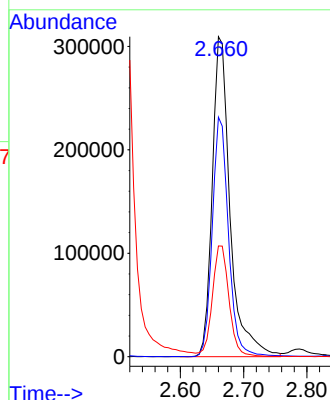
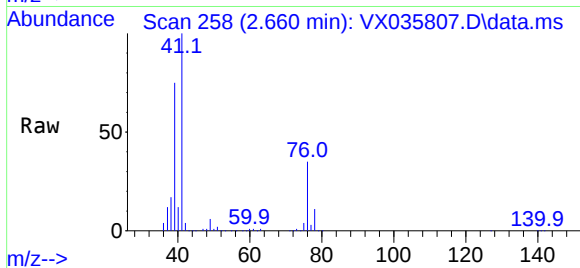


#17  
 Allyl chloride  
 Concen: 94.889 ug/l  
 RT: 2.660 min Scan# 259  
 Delta R.T. -0.006 min  
 Lab File: VX035807.D  
 Acq: 23 May 2023 10:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 41 Resp: 607732  

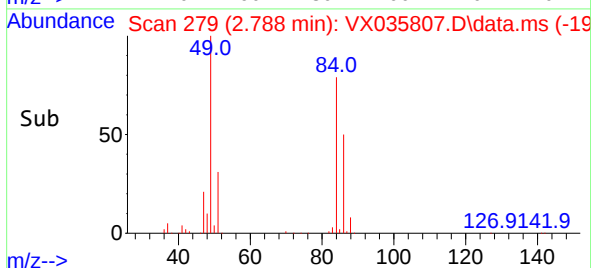
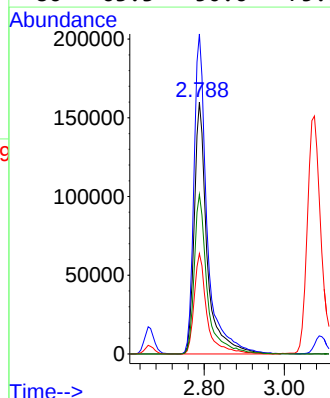
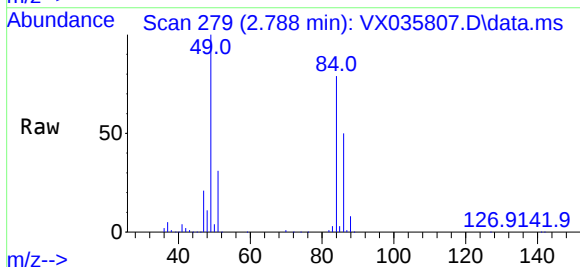
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 74.8  | 36.4  | 109.3 |
| 76  | 34.5  | 17.0  | 51.0  |

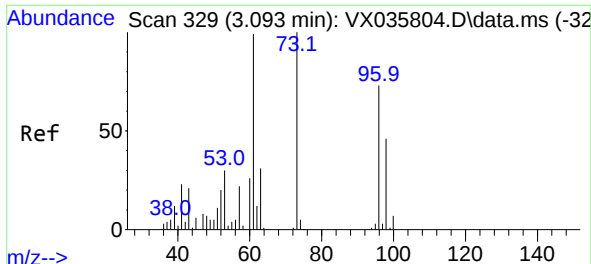


#18  
 Methylene Chloride  
 Concen: 91.171 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VX035807.D  
 Acq: 23 May 2023 10:52

Tgt Ion: 84 Resp: 356252  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 127.0 | 103.9 | 155.9 |
| 51  | 39.9  | 30.6  | 45.8  |
| 86  | 63.3  | 50.6  | 75.8  |

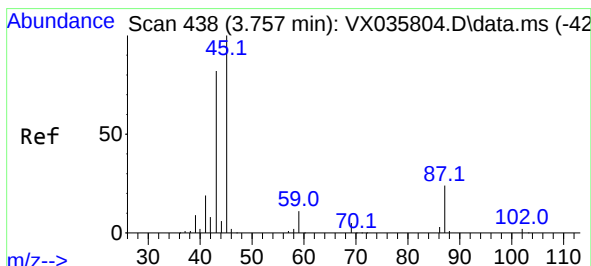
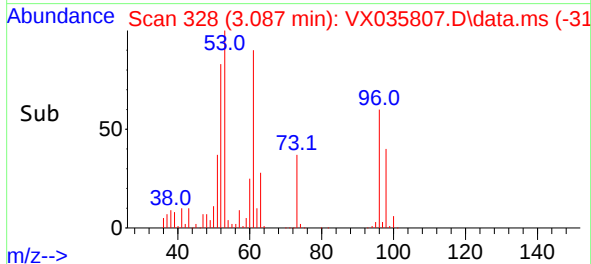
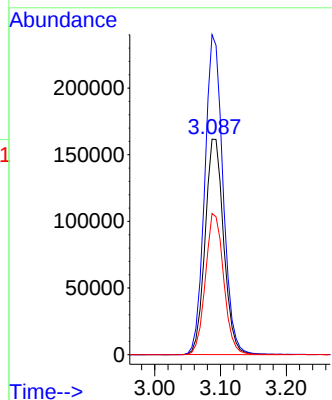
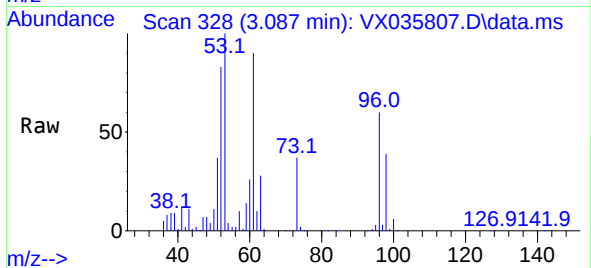




#19  
trans-1,2-Dichloroethene  
Concen: 87.315 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

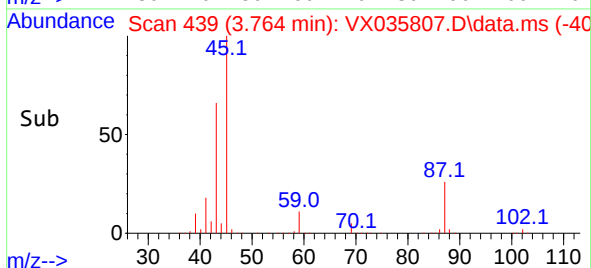
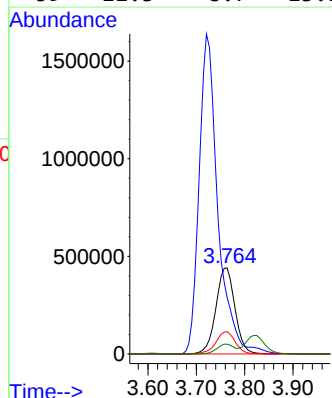
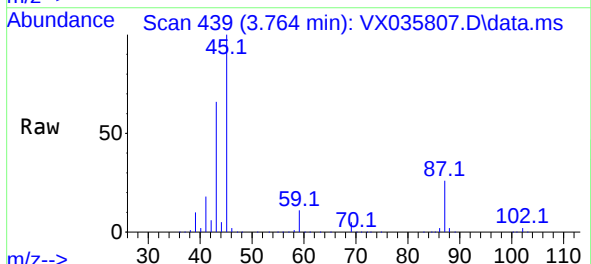
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

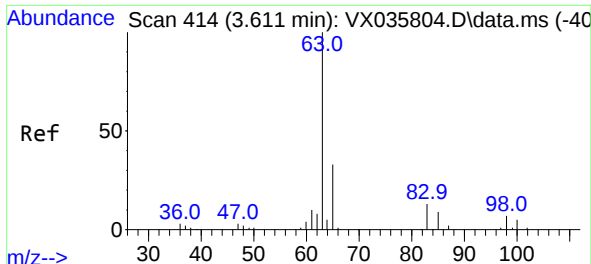
Tgt Ion: 96 Resp: 316991  
Ion Ratio Lower Upper  
96 100  
61 148.6 111.1 166.7  
98 65.5 48.6 72.8



#20  
Diisopropyl ether  
Concen: 91.611 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 45 Resp: 1206340  
Ion Ratio Lower Upper  
45 100  
43 65.8 66.0 99.0#  
87 26.0 21.8 32.6  
59 11.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 93.013 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

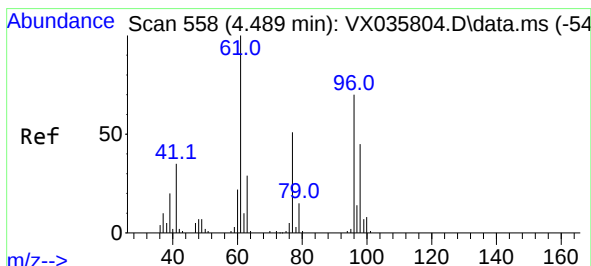
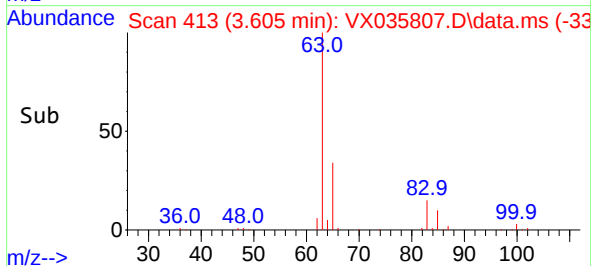
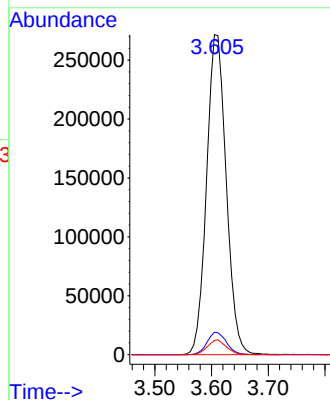
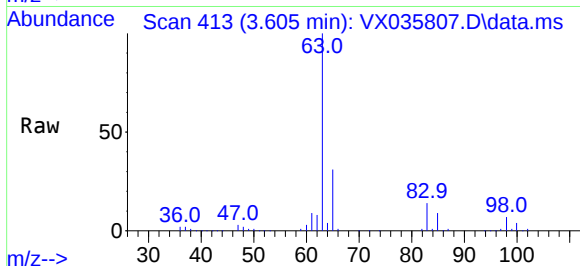
Tgt Ion: 63 Resp: 653675

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.5 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 92.815 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

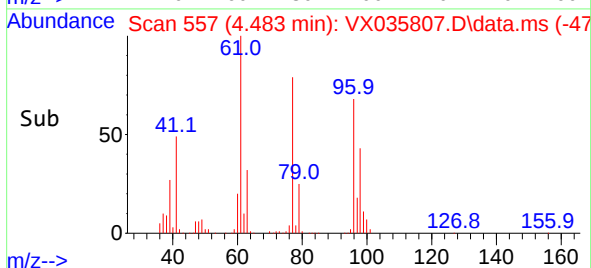
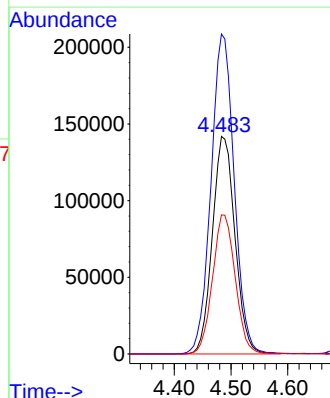
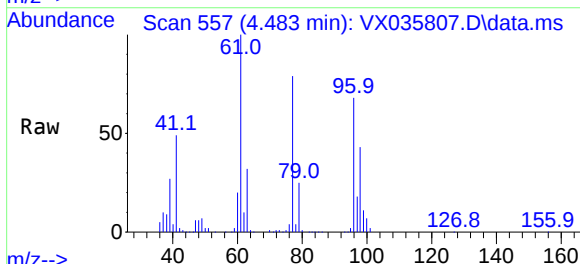
Tgt Ion: 96 Resp: 393327

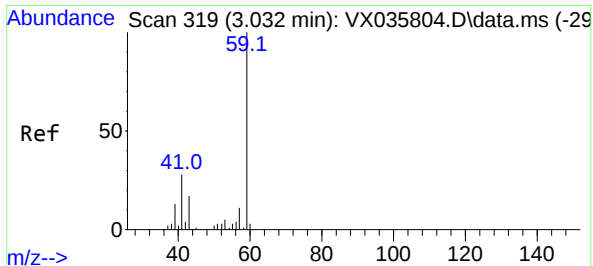
Ion Ratio Lower Upper

96 100

61 150.8 121.7 182.5

98 64.0 52.2 78.2

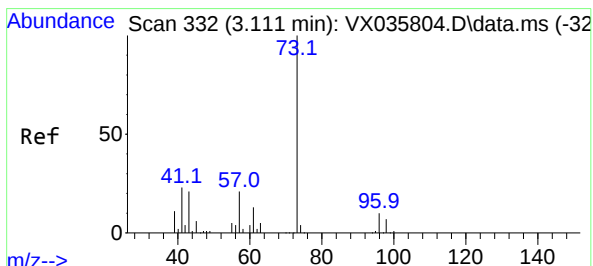
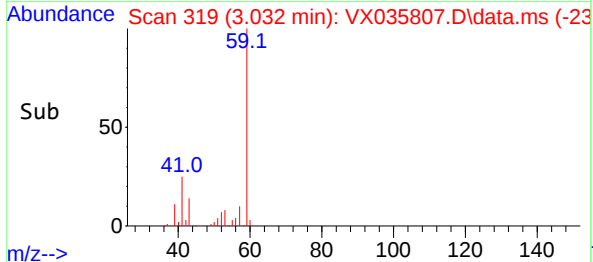
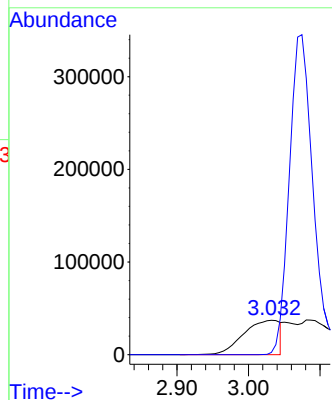
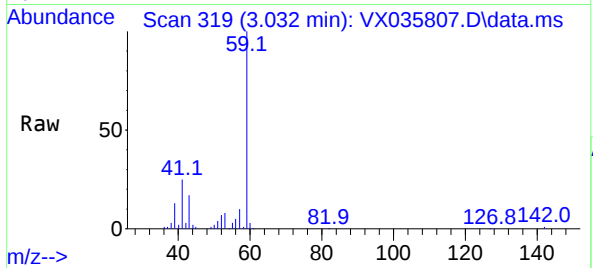




#23  
tert-Butyl Alcohol  
Concen: 146.011 ug/l  
RT: 3.032 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

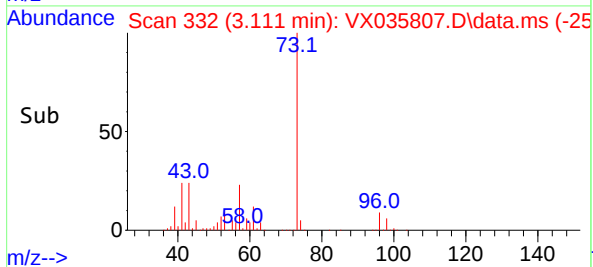
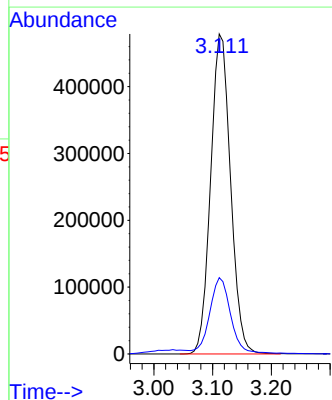
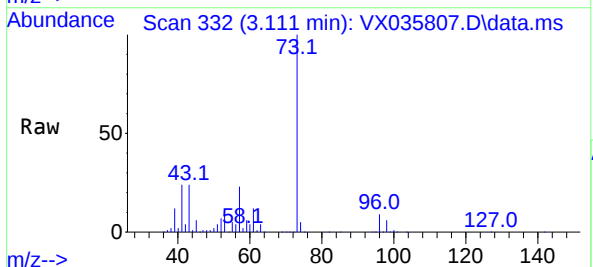
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

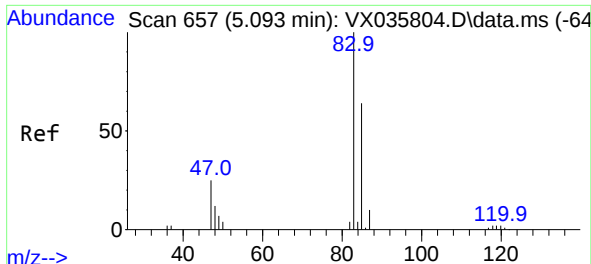
Tgt Ion: 59 Resp: 131910  
Ion Ratio Lower Upper  
59 100  
52 612.6 0.2 0.4#



#24  
Methyl tert-Butyl Ether  
Concen: 91.108 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 73 Resp: 1125486  
Ion Ratio Lower Upper  
73 100  
43 25.1 17.9 26.9

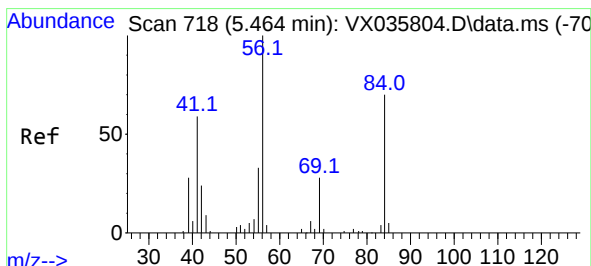
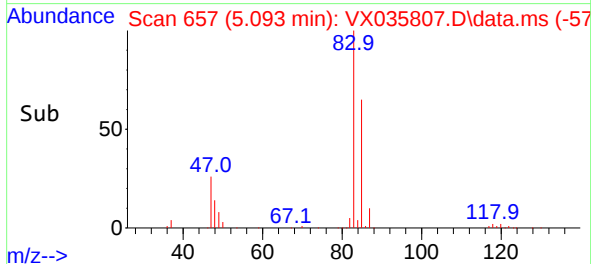
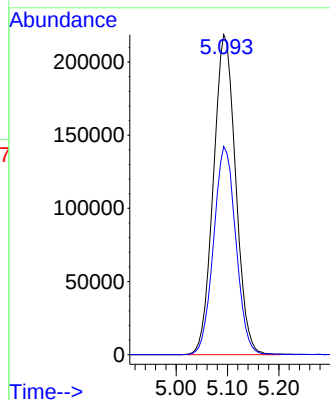
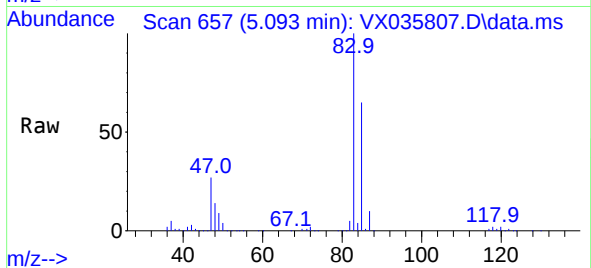




#25  
Chloroform  
Concen: 91.692 ug/l  
RT: 5.093 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

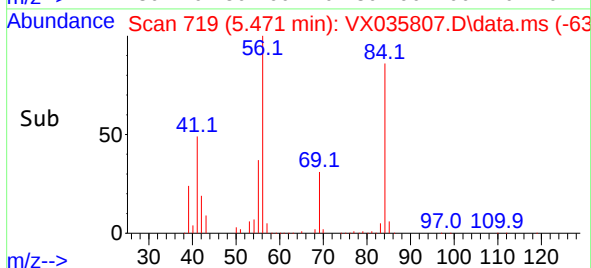
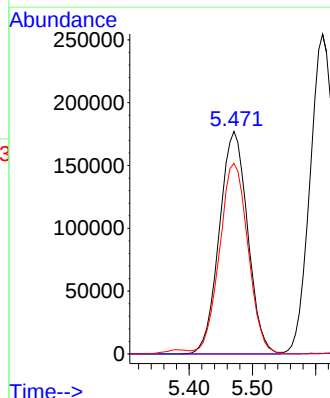
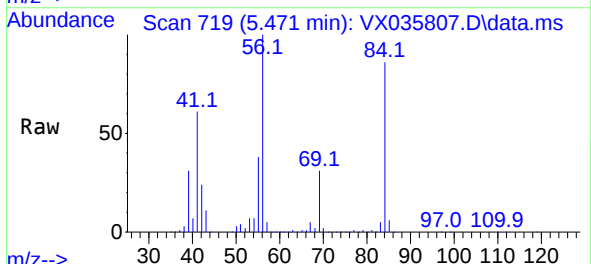
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

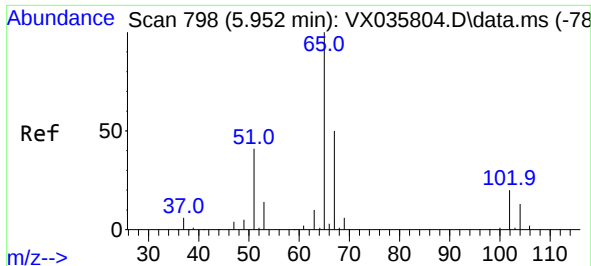
Tgt Ion: 83 Resp: 658145  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.2 76.8



#26  
Cyclohexane  
Concen: 91.959 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 56 Resp: 550832  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.1 67.4 101.2

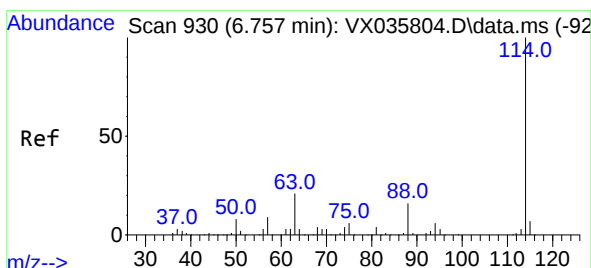
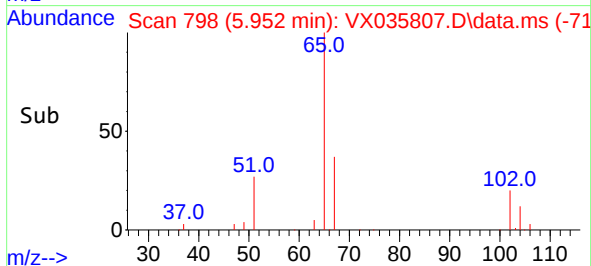
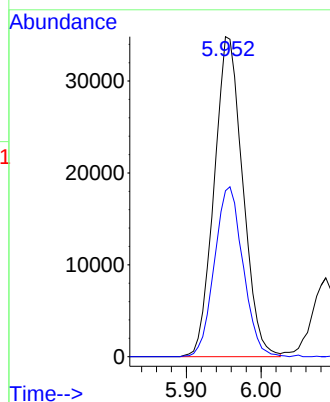
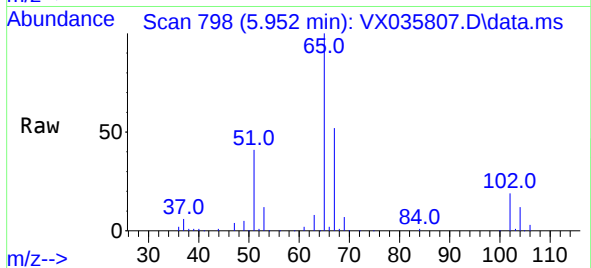




#27  
1,2-Dichloroethane-d4  
Concen: 26.884 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

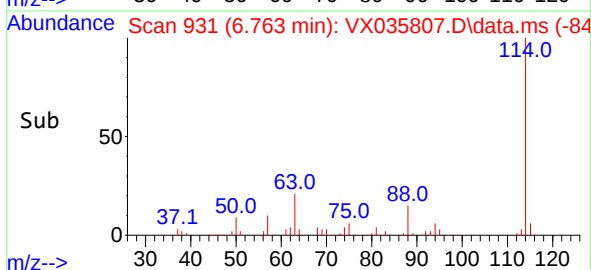
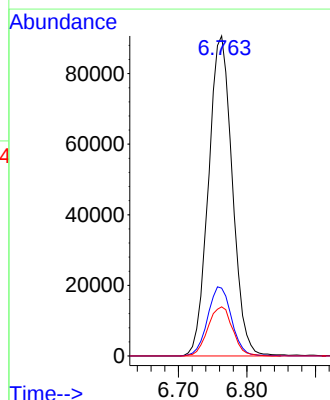
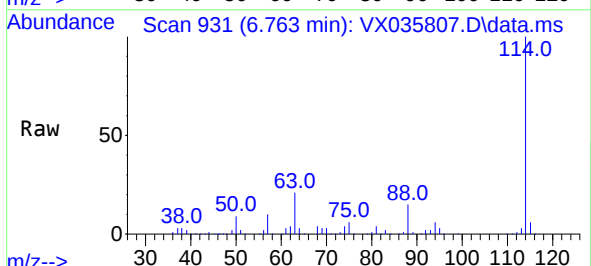
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

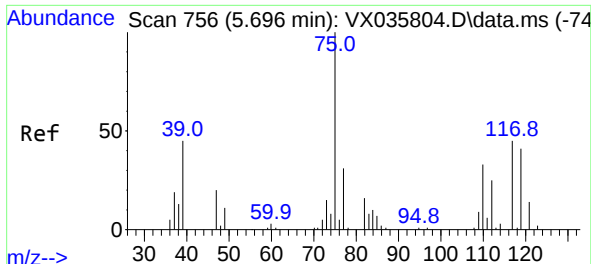
Tgt Ion: 65 Resp: 92645  
Ion Ratio Lower Upper  
65 100  
67 53.0 40.9 61.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 114 Resp: 218755  
Ion Ratio Lower Upper  
114 100  
63 21.6 18.0 27.0  
88 15.9 13.3 19.9

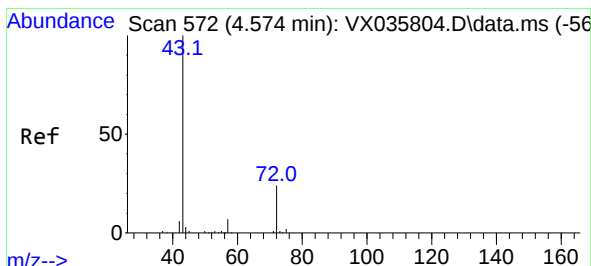
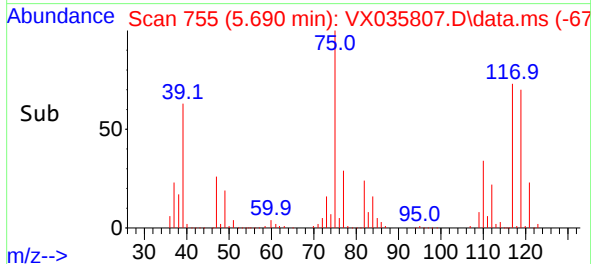
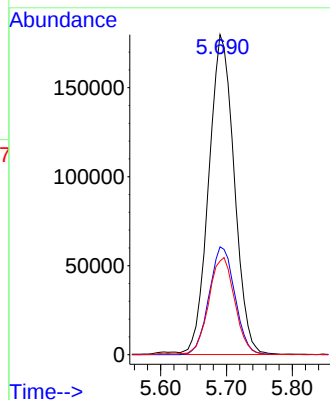
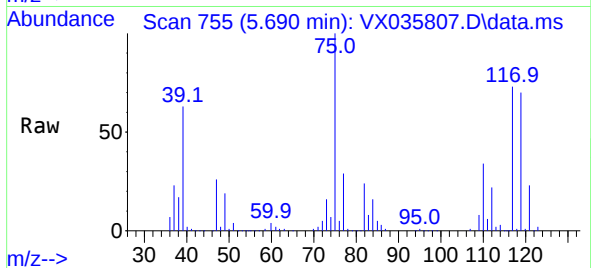




#29  
1,1-Dichloropropene  
Concen: 104.687 ug/l  
RT: 5.690 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

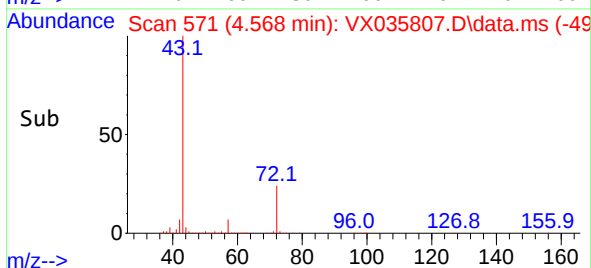
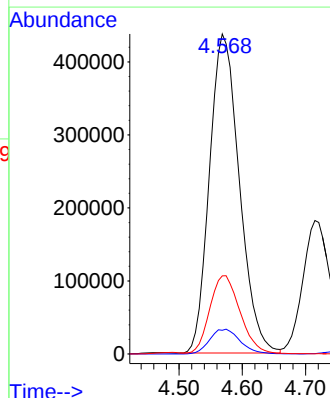
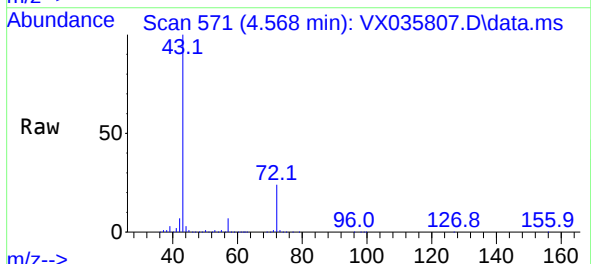
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

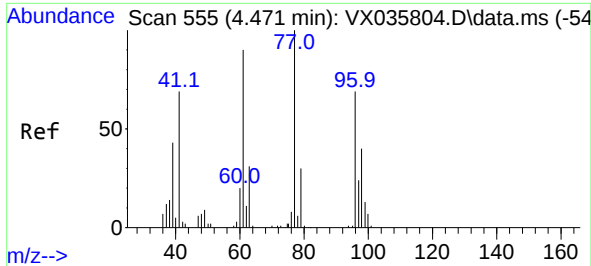
Tgt Ion: 75 Resp: 484062  
Ion Ratio Lower Upper  
75 100  
110 34.2 0.0 71.4  
77 31.1 0.0 61.6



#30  
2-Butanone  
Concen: 540.864 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 1433333  
Ion Ratio Lower Upper  
43 100  
57 7.9 6.3 9.5  
72 24.9 19.6 29.4

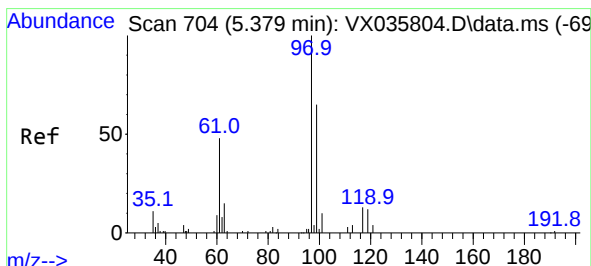
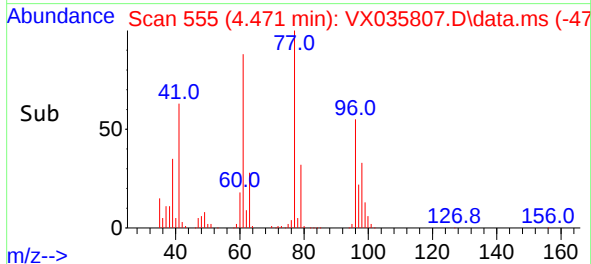
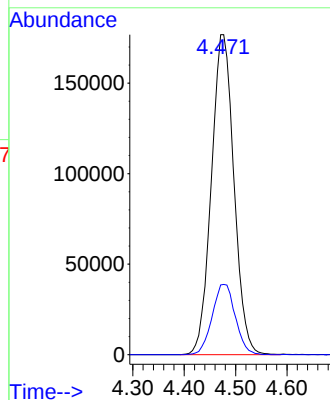
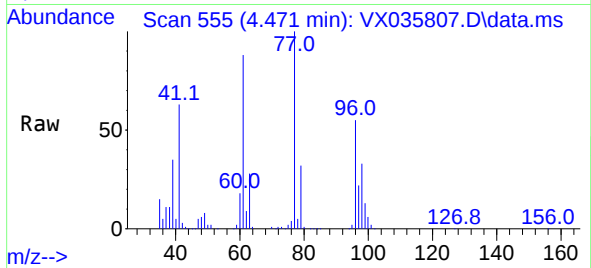




#31  
2,2-Dichloropropane  
Concen: 113.935 ug/l  
RT: 4.471 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

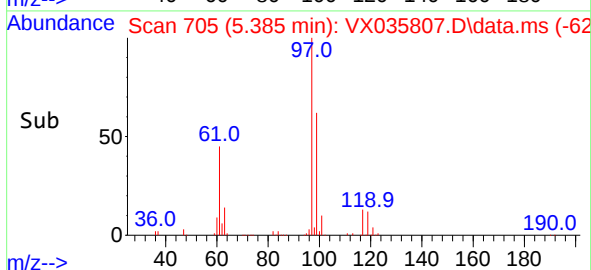
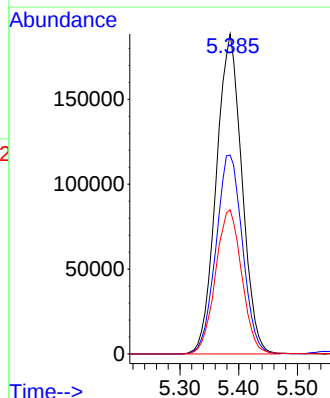
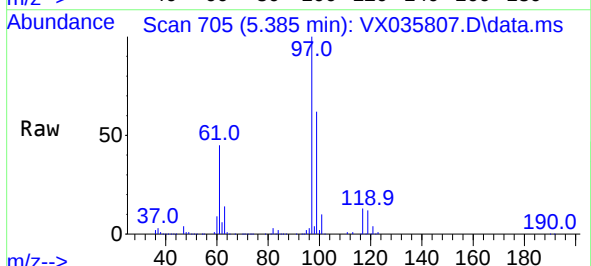
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

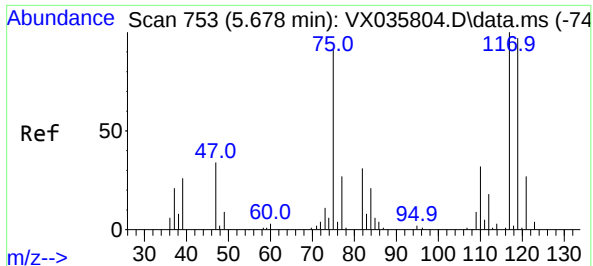
Tgt Ion: 77 Resp: 539053  
Ion Ratio Lower Upper  
77 100  
97 22.5 18.2 27.4



#32  
1,1,1-Trichloroethane  
Concen: 105.460 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 97 Resp: 572133  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.3 76.9  
61 46.2 36.6 55.0

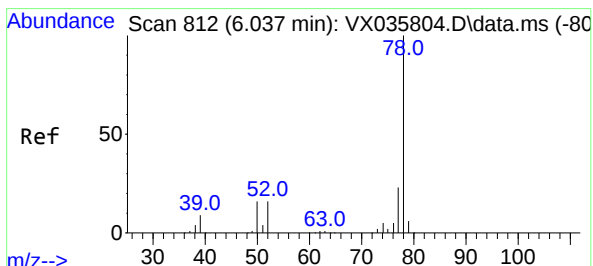
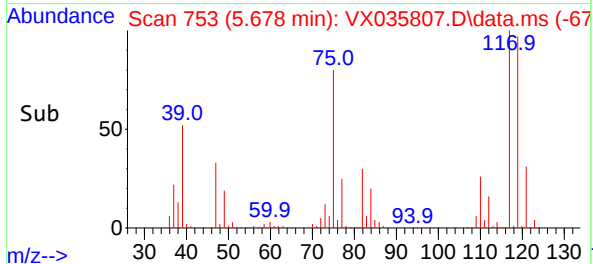
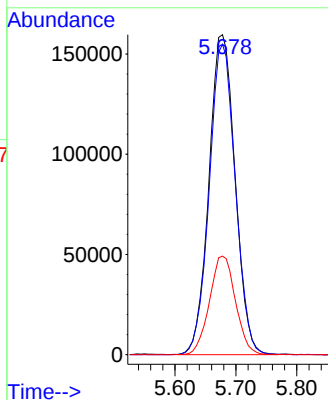
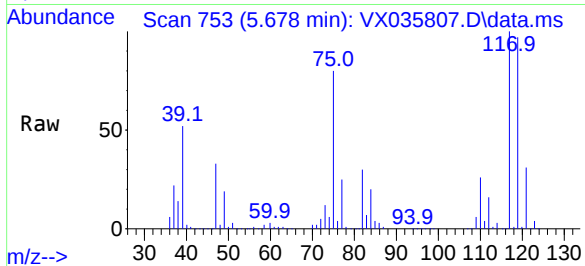




#33  
Carbon Tetrachloride  
Concen: 106.858 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

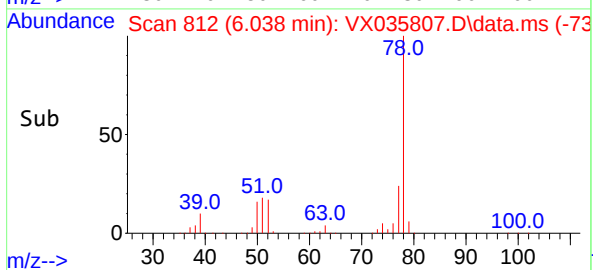
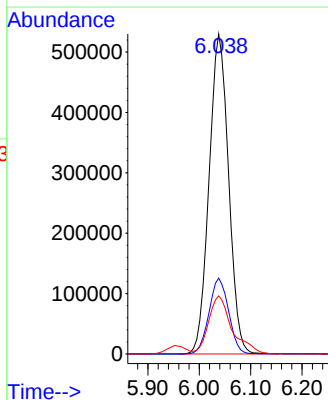
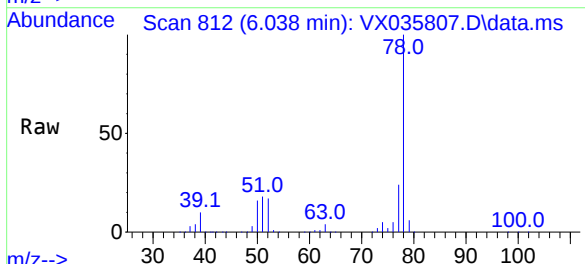
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

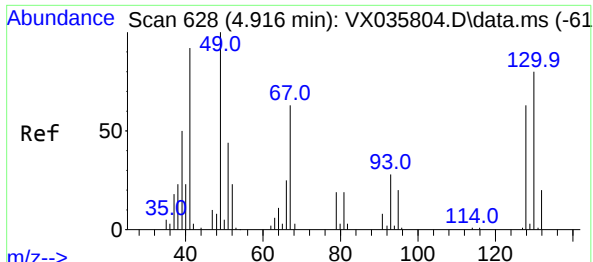
Tgt Ion:117 Resp: 476288  
Ion Ratio Lower Upper  
117 100  
119 97.0 73.3 109.9  
121 30.8 24.0 36.0



#34  
Benzene  
Concen: 102.739 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 78 Resp: 1397441  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.4  
51 18.1 14.6 21.8



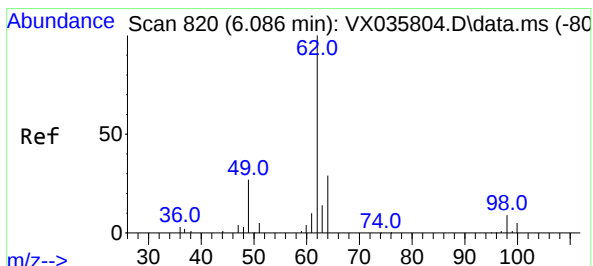
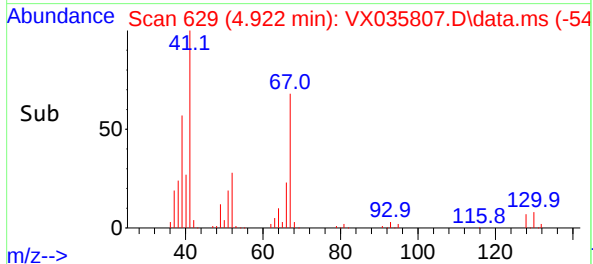
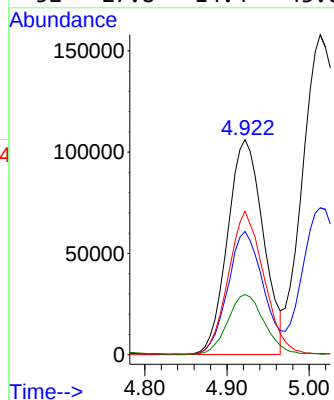
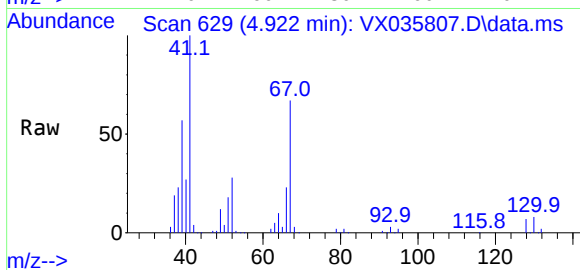


#35  
Methacrylonitrile  
Concen: 111.152 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 41 Resp: 321414

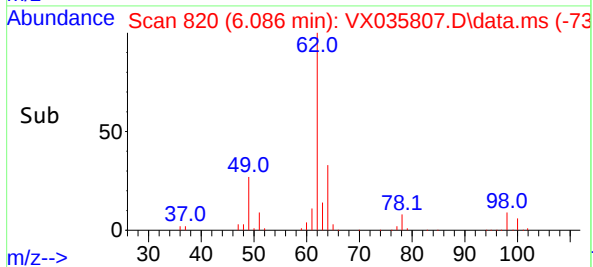
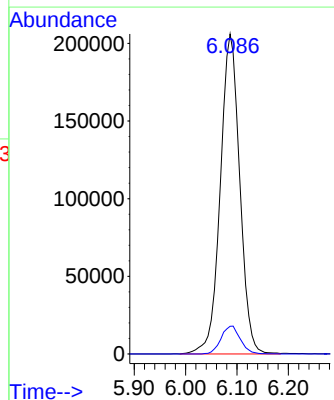
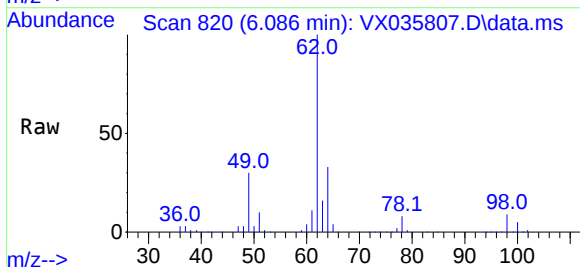
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.2  | 28.0  | 84.0  |
| 67  | 66.8  | 31.6  | 94.7  |
| 52  | 27.8  | 14.4  | 43.0  |

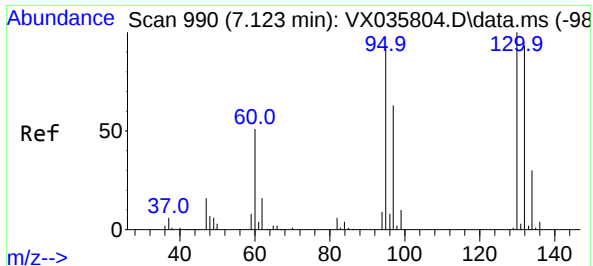


#36  
1,2-Dichloroethane  
Concen: 100.939 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 62 Resp: 541705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.7   | 7.0   | 10.6  |

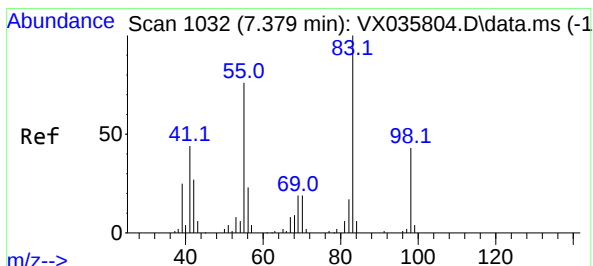
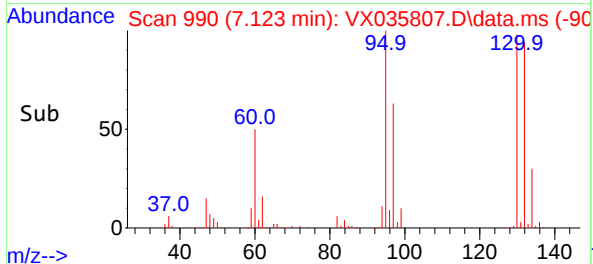
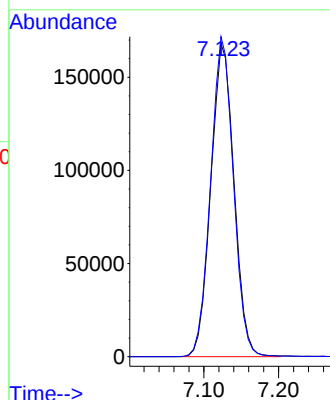
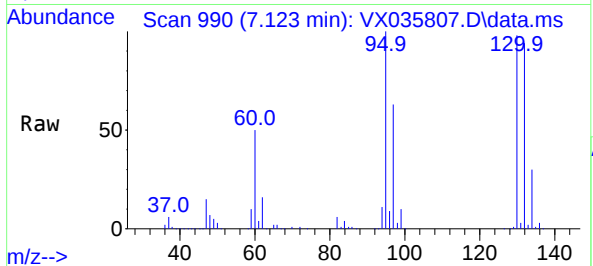




#37  
Trichloroethene  
Concen: 104.349 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

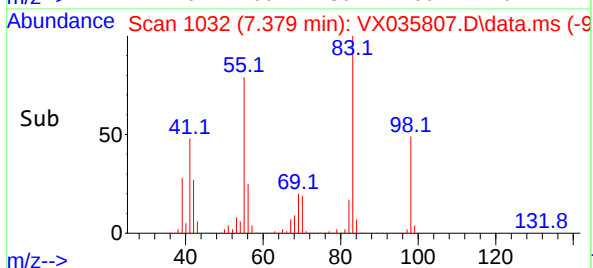
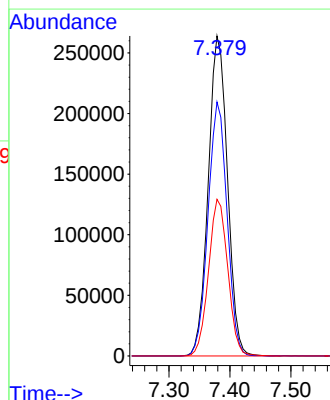
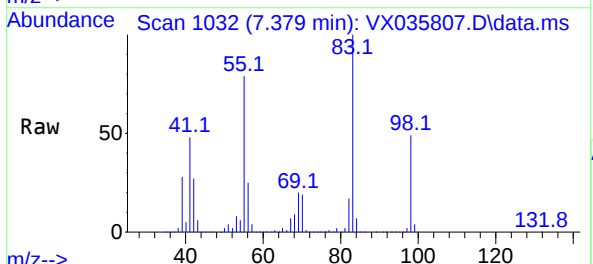
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

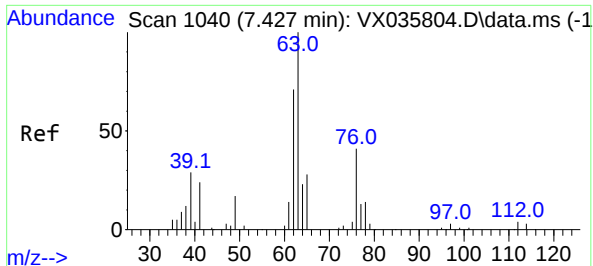
Tgt Ion:130 Resp: 362123  
Ion Ratio Lower Upper  
130 100  
95 102.1 77.8 116.6



#38  
Methylcyclohexane  
Concen: 117.784 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 83 Resp: 579177  
Ion Ratio Lower Upper  
83 100  
55 78.7 38.8 116.4  
98 49.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 106.824 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA\_X

ClientSampleId :

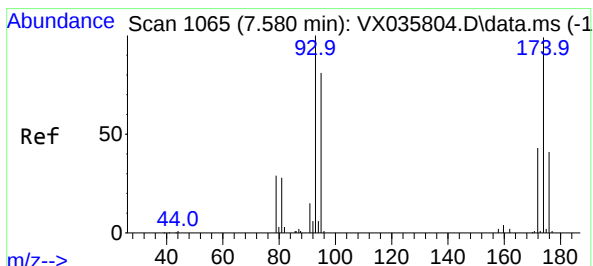
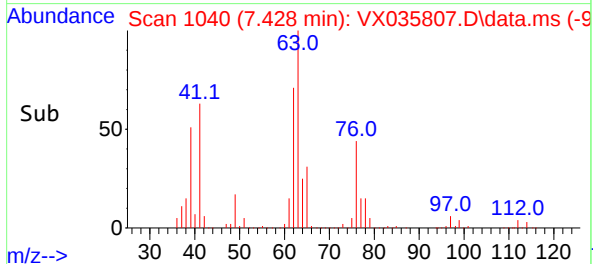
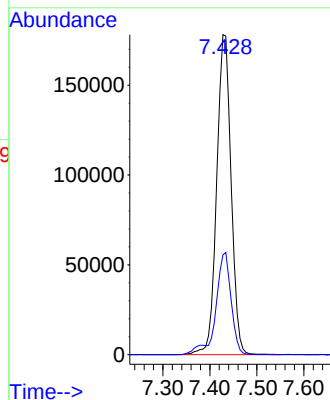
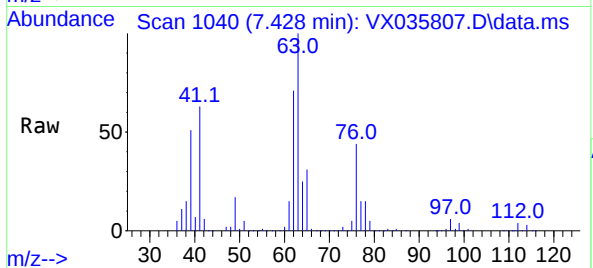
VSTDICC150

Tgt Ion: 63 Resp: 380182

Ion Ratio Lower Upper

63 100

65 31.2 24.0 36.0



#40

Dibromomethane

Concen: 107.409 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

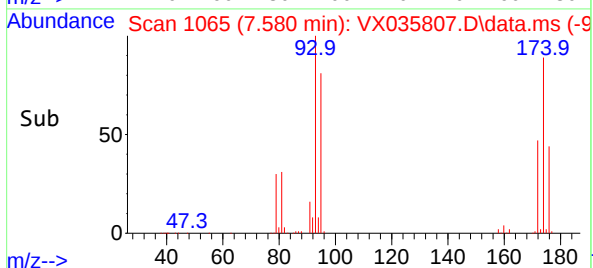
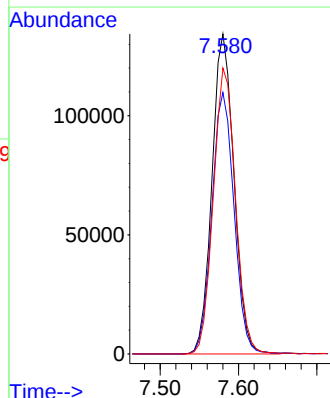
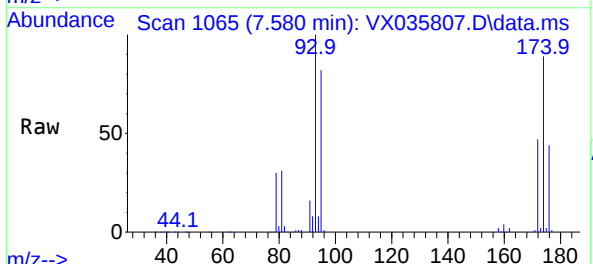
Tgt Ion: 93 Resp: 261843

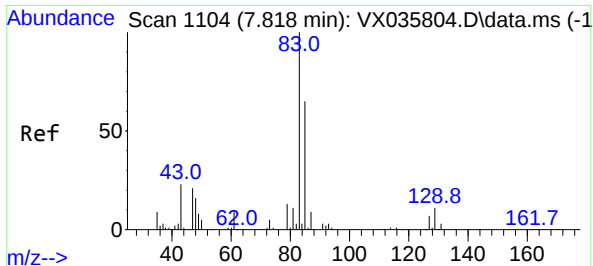
Ion Ratio Lower Upper

93 100

95 82.4 0.0 165.8

174 90.1 0.0 188.8

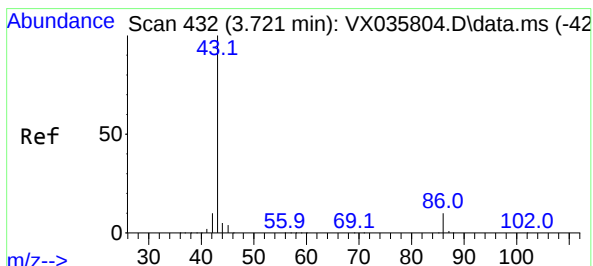
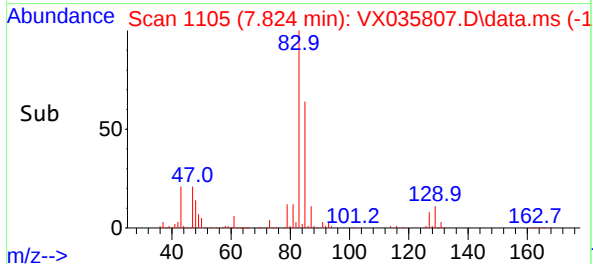
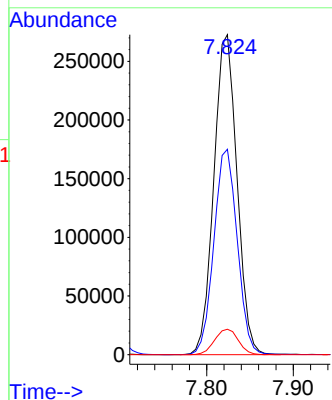
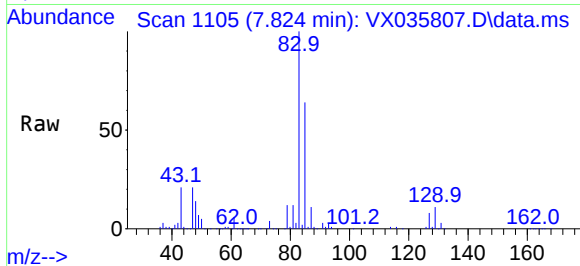




#41  
Bromodichloromethane  
Concen: 110.480 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

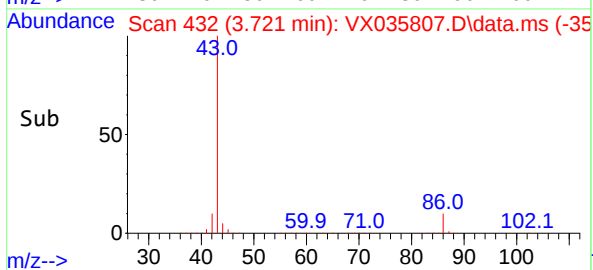
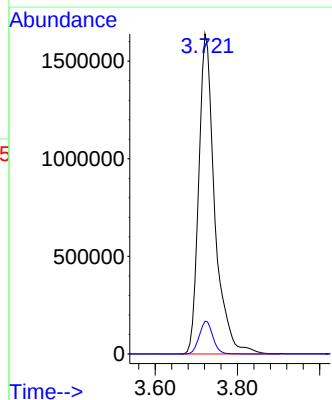
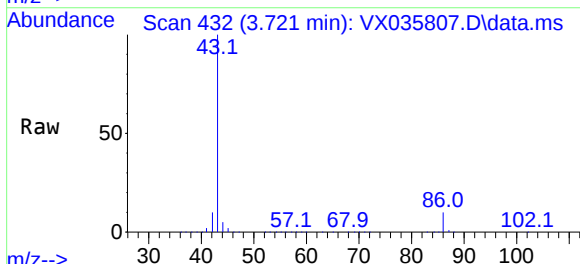
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

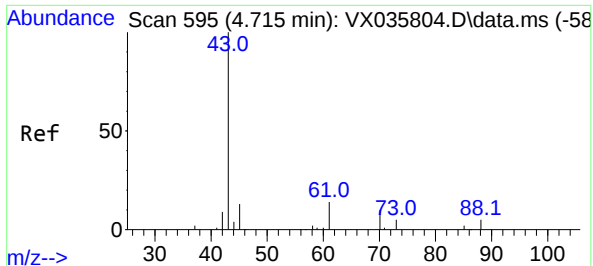
Tgt Ion: 83 Resp: 506912  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.1 76.7  
127 8.0 8.2 12.4#



#42  
Vinyl Acetate  
Concen: 524.028 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 4423206  
Ion Ratio Lower Upper  
43 100  
86 8.7 6.9 10.3





#43

Ethyl Acetate

Concen: 110.775 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA\_X

ClientSampleId :

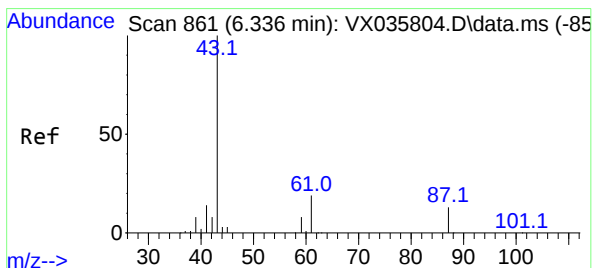
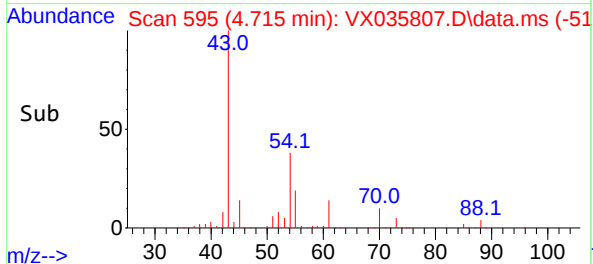
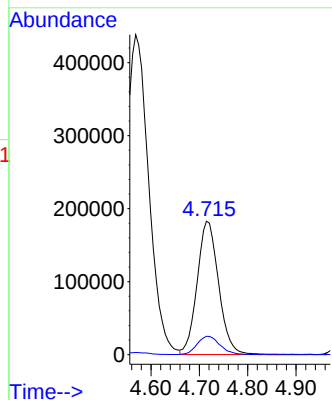
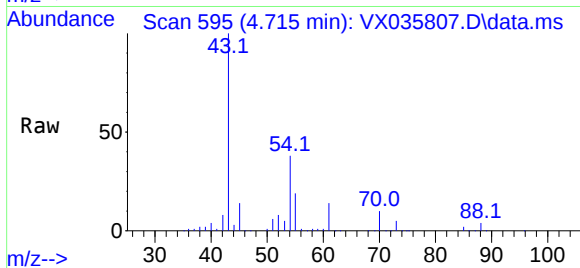
VSTDICC150

Tgt Ion: 43 Resp: 562826

Ion Ratio Lower Upper

43 100

45 14.7 12.0 18.0



#44

Isopropyl Acetate

Concen: 111.205 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035807.D

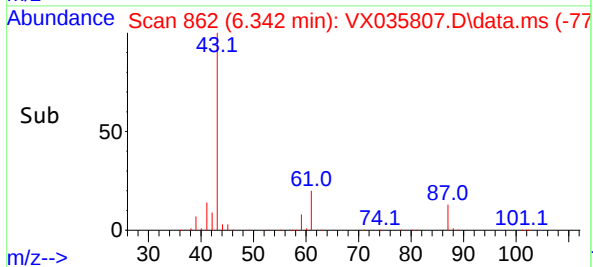
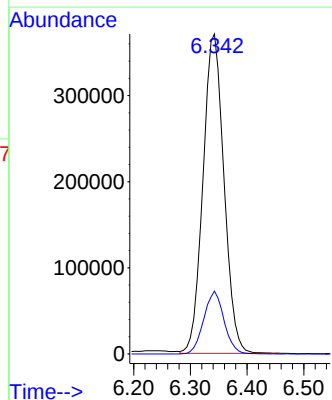
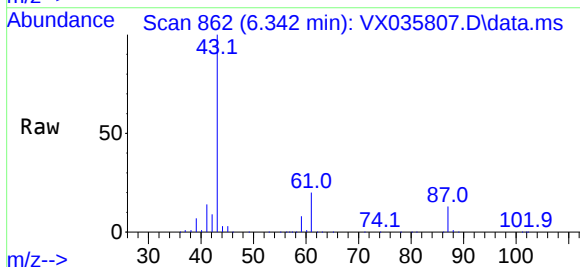
Acq: 23 May 2023 10:52

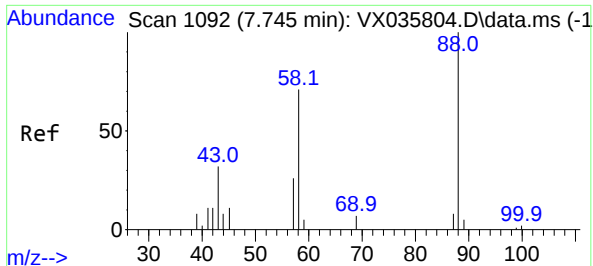
Tgt Ion: 43 Resp: 955591

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

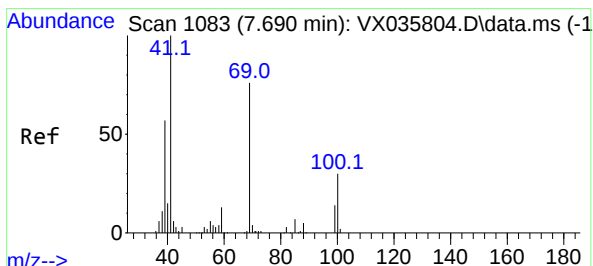
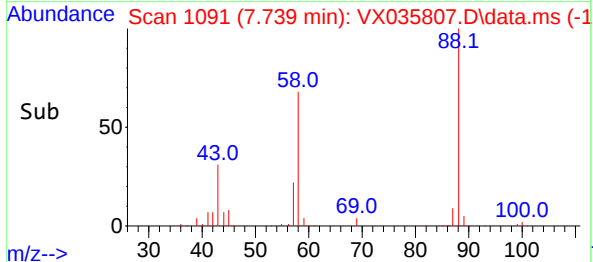
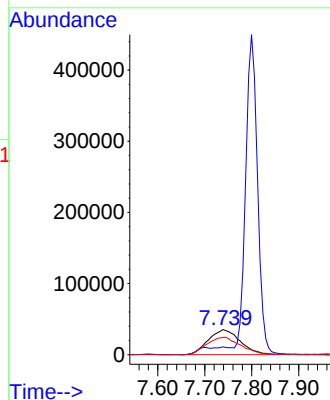
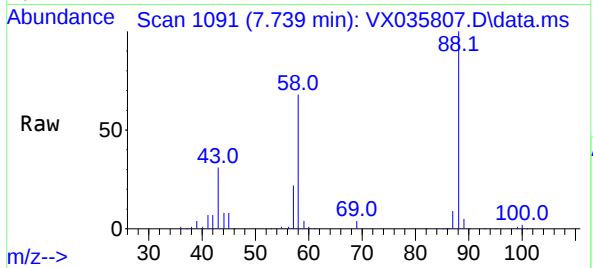




#45  
1,4-Dioxane  
Concen: 1942.828 ug/l  
RT: 7.739 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

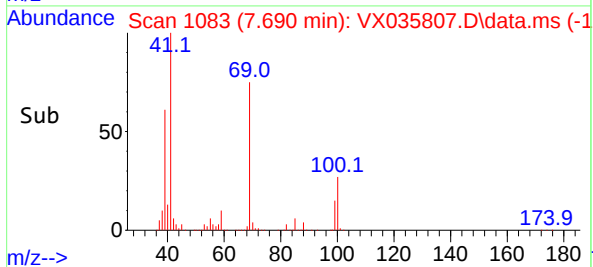
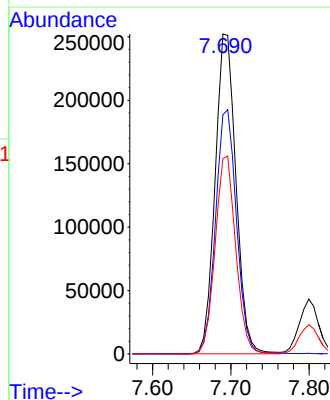
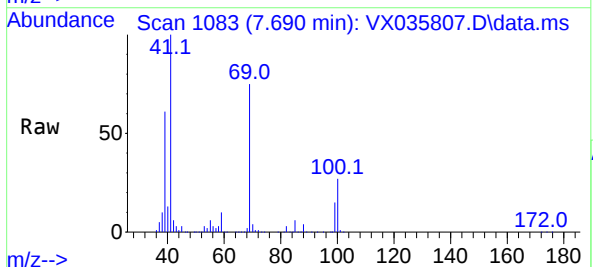
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

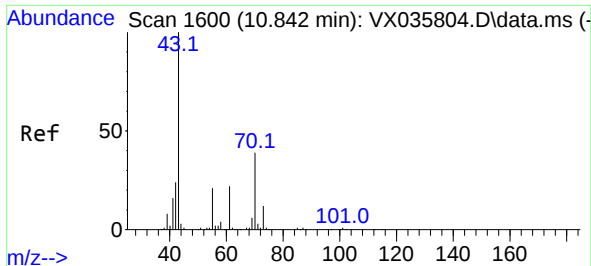
Tgt Ion: 88 Resp: 165410  
Ion Ratio Lower Upper  
88 100  
43 12.7 26.5 39.7#  
58 74.2 55.6 83.4



#46  
Methyl methacrylate  
Concen: 111.398 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 41 Resp: 467280  
Ion Ratio Lower Upper  
41 100  
69 74.8 38.1 114.5  
39 61.0 31.4 94.3

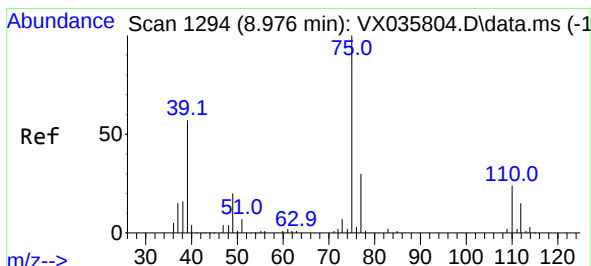
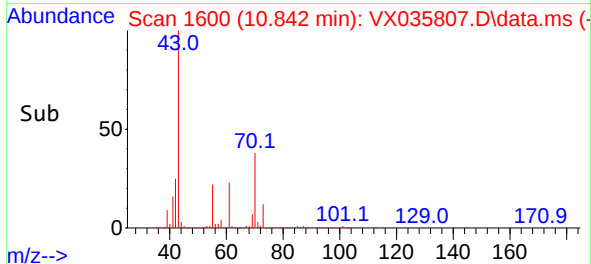
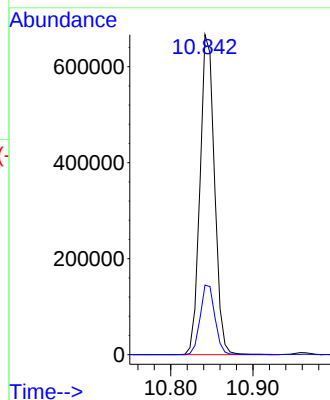
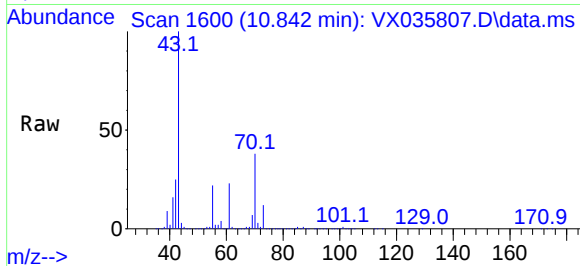




#47  
n-amy1 Acetate  
Concen: 109.317 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

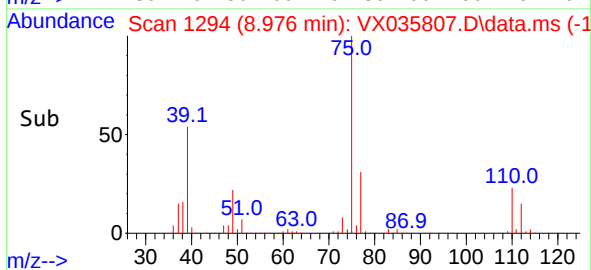
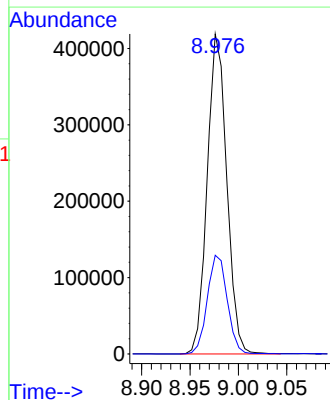
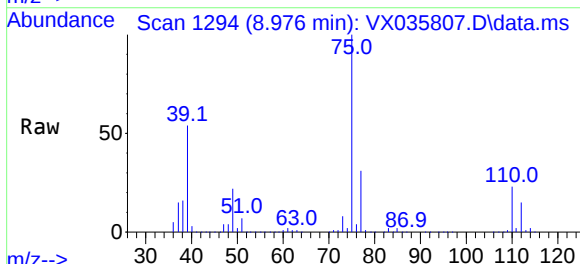
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

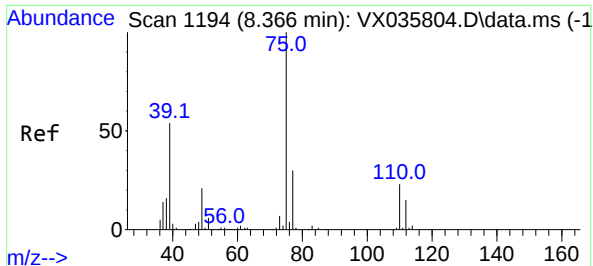
Tgt Ion: 43 Resp: 816155  
Ion Ratio Lower Upper  
43 100  
55 22.3 18.6 28.0



#48  
t-1,3-Dichloropropene  
Concen: 117.233 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 75 Resp: 587991  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 112.756 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

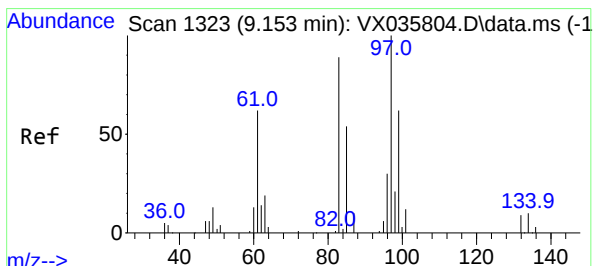
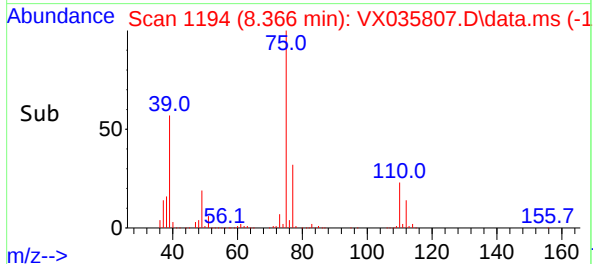
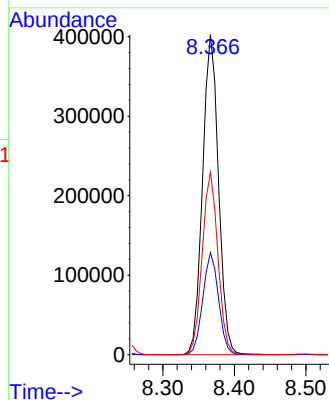
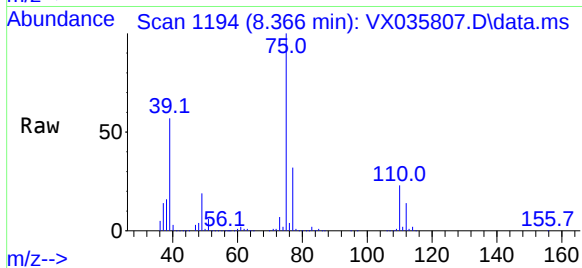
Tgt Ion: 75 Resp: 621570

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 57.0 44.2 66.2



#50

1,1,2-Trichloroethane

Concen: 105.894 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Tgt Ion: 97 Resp: 362914

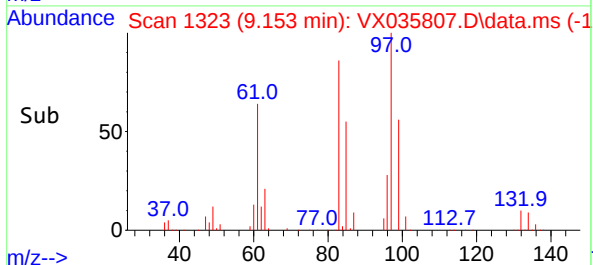
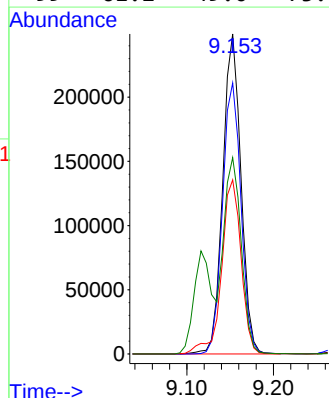
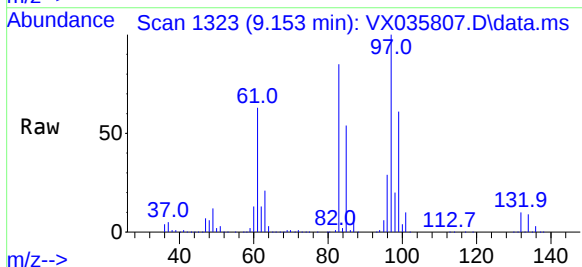
Ion Ratio Lower Upper

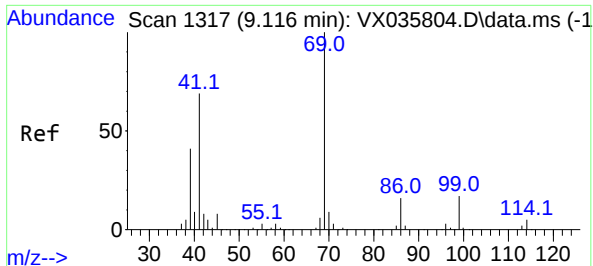
97 100

83 84.7 68.9 103.3

85 54.3 44.0 66.0

99 61.2 49.0 73.4

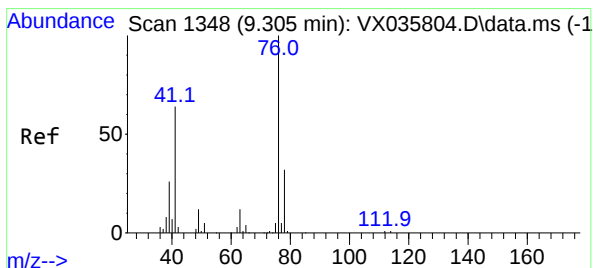
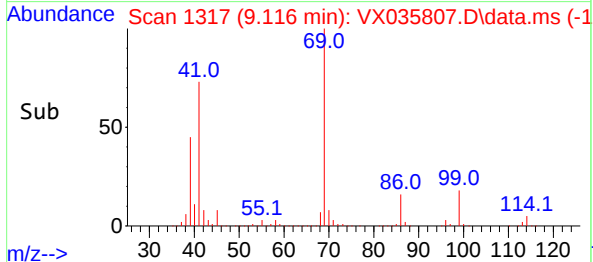
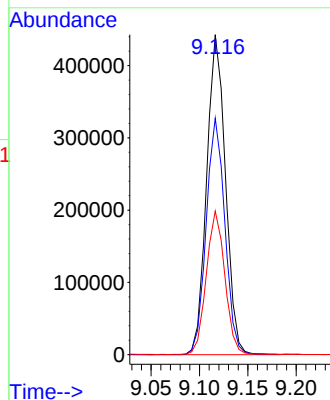
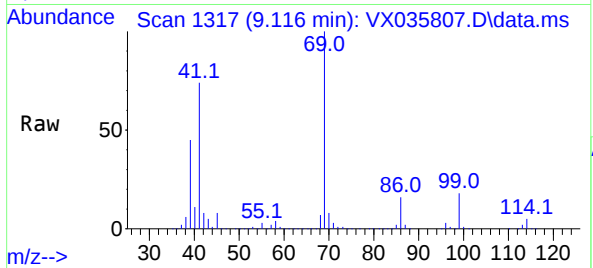




#51  
Ethyl methacrylate  
Concen: 109.269 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

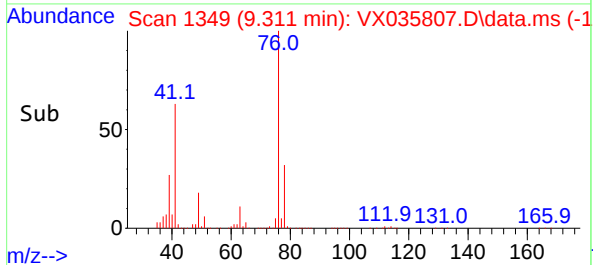
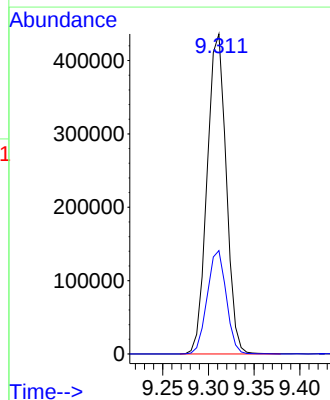
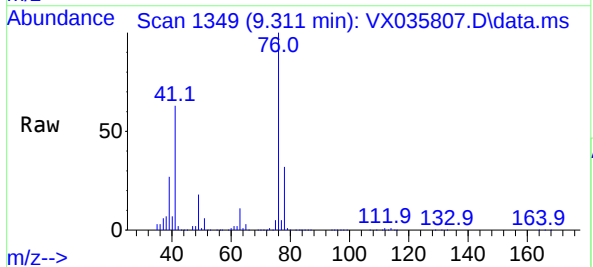
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

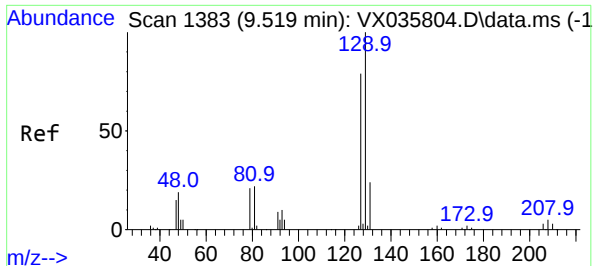
Tgt Ion: 69 Resp: 600470  
Ion Ratio Lower Upper  
69 100  
41 73.8 36.2 108.6  
39 44.9 21.2 63.6



#52  
1,3-Dichloropropane  
Concen: 104.718 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 76 Resp: 631707  
Ion Ratio Lower Upper  
76 100  
78 32.2 0.0 63.8

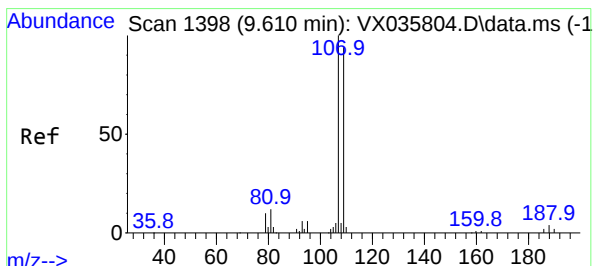
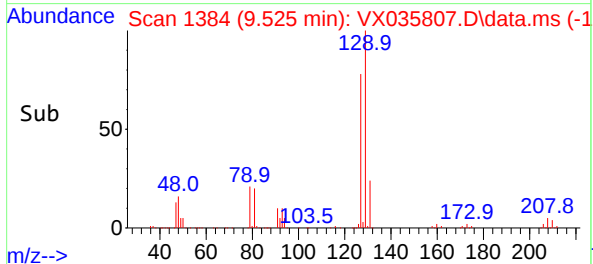
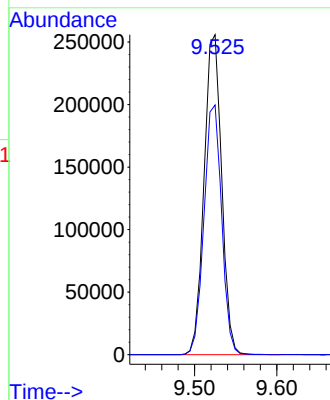
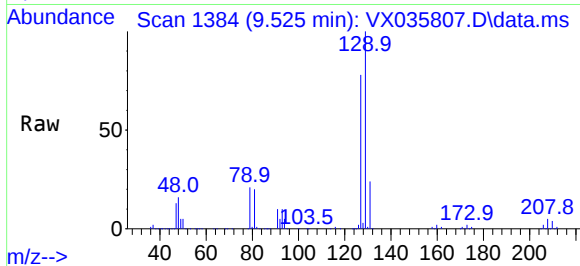




#53  
Dibromochloromethane  
Concen: 113.211 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

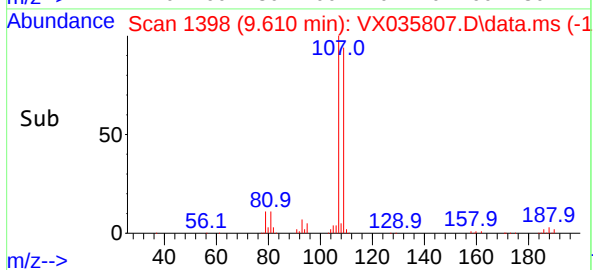
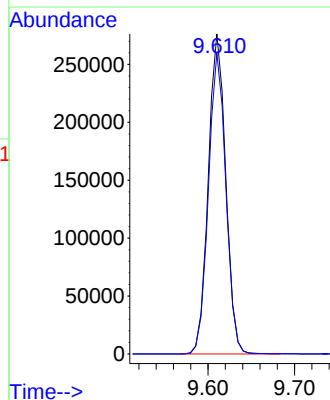
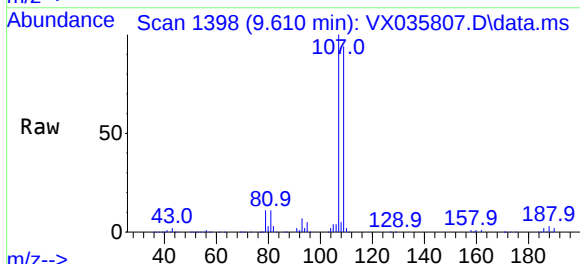
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

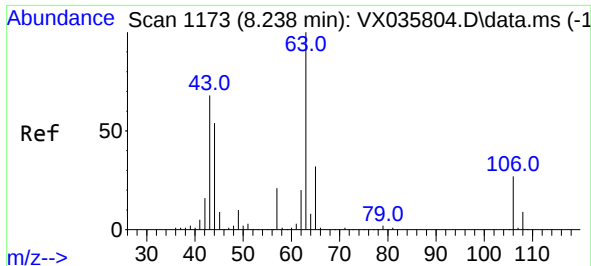
Tgt Ion:129 Resp: 380317  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.1 117.5



#54  
1,2-Dibromoethane  
Concen: 105.716 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:107 Resp: 386604  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.4 113.2

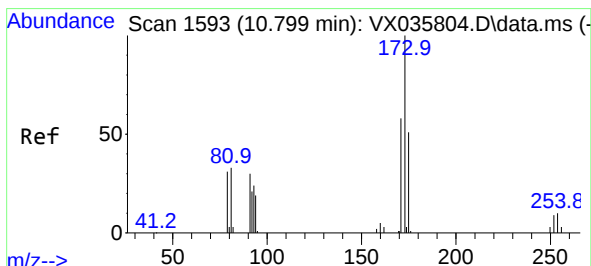
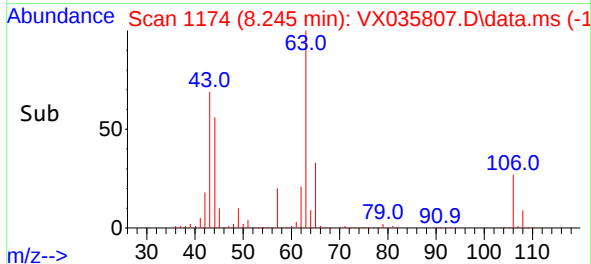
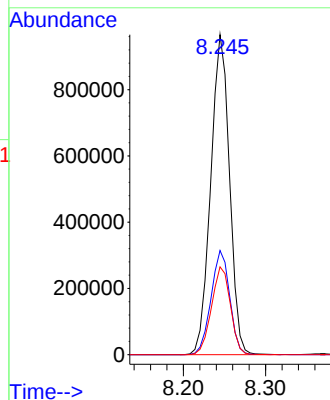
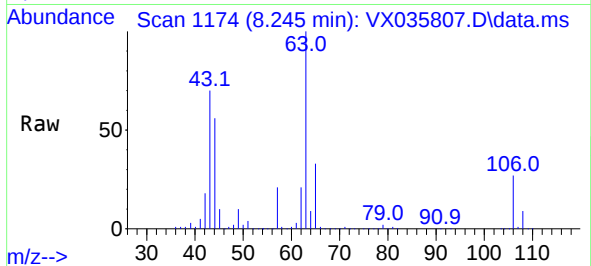




#55  
2-Chloroethyl vinyl ether  
Concen: 526.539 ug/l  
RT: 8.245 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

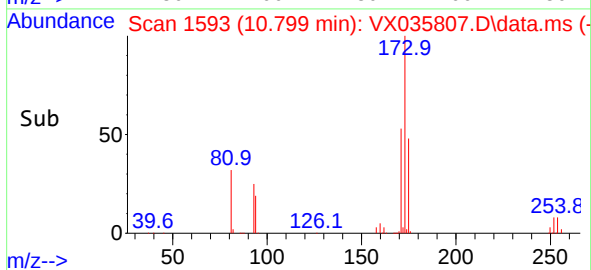
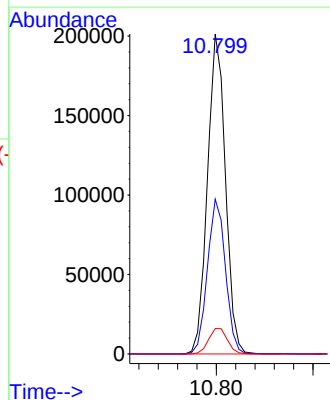
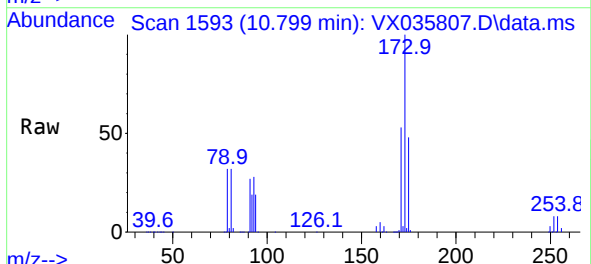
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

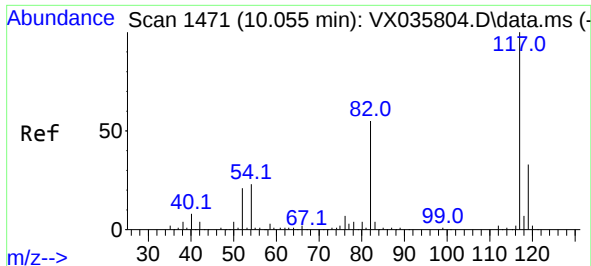
Tgt Ion: 63 Resp: 1531103  
Ion Ratio Lower Upper  
63 100  
65 32.4 25.4 38.2  
106 27.6 21.6 32.4



#56  
Bromoform  
Concen: 112.586 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 173 Resp: 259997  
Ion Ratio Lower Upper  
173 100  
175 48.6 37.0 55.4  
254 8.4 6.7 10.1

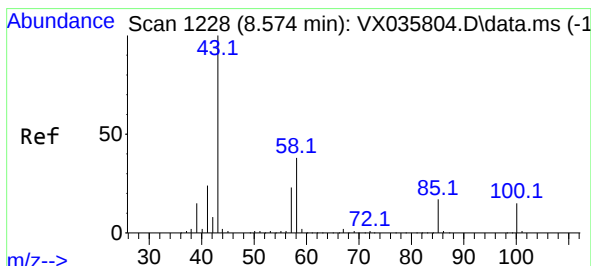
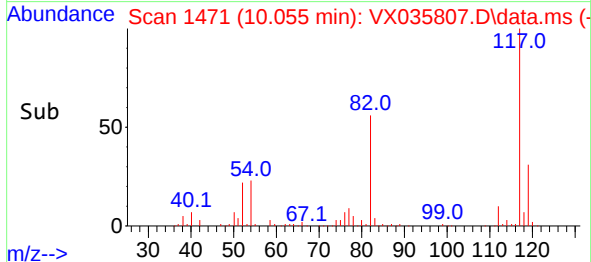
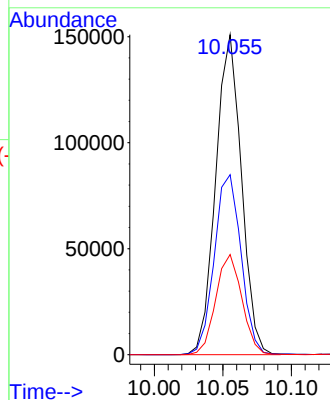
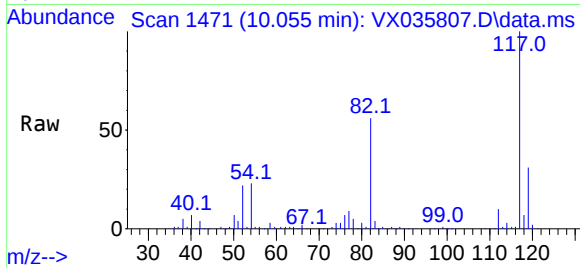




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

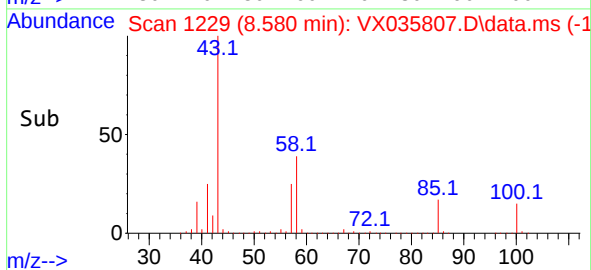
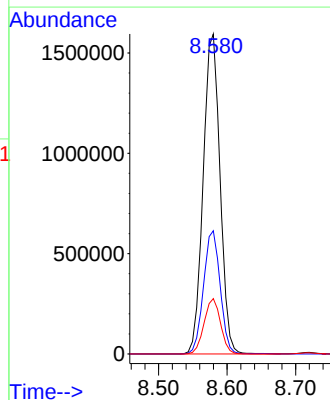
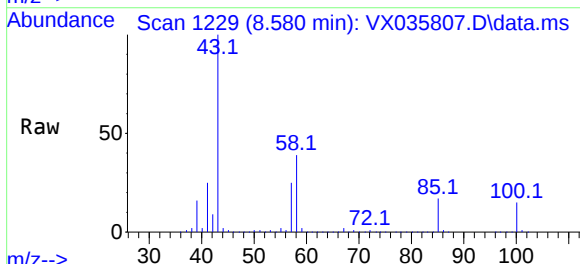
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

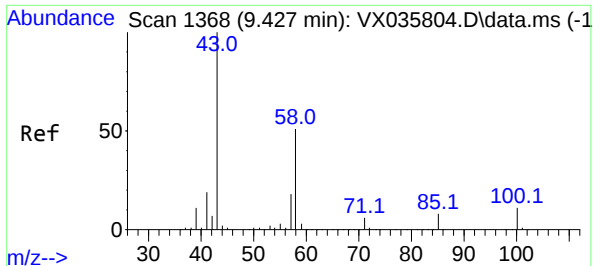
Tgt Ion:117 Resp: 197235  
Ion Ratio Lower Upper  
117 100  
82 58.6 45.8 68.8  
119 31.9 25.4 38.0



#58  
4-Methyl-2-Pentanone  
Concen: 625.716 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 2734206  
Ion Ratio Lower Upper  
43 100  
58 38.0 29.9 44.9  
85 16.9 13.2 19.8



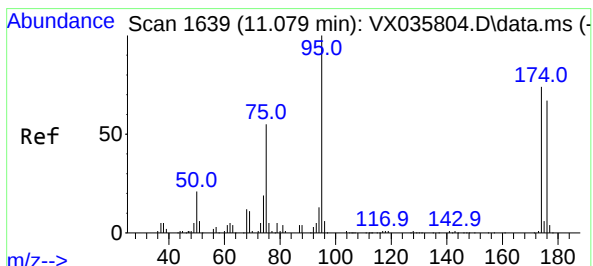
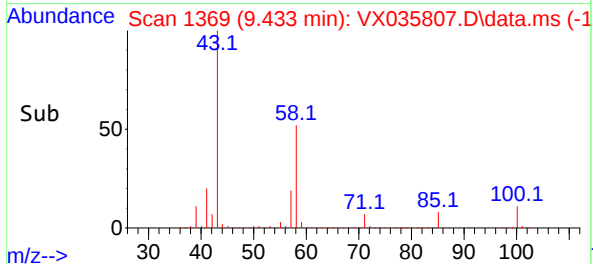
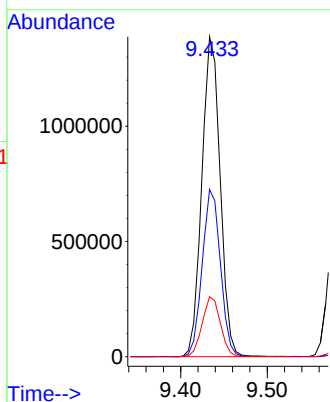
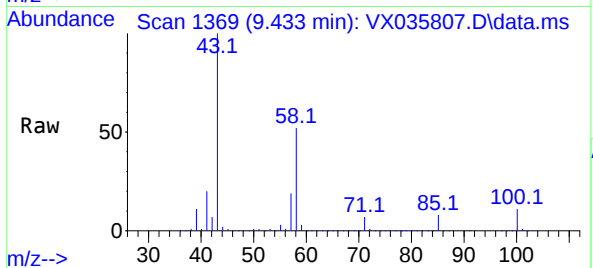


#59  
2-Hexanone  
Concen: 617.016 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 43 Resp: 2039923

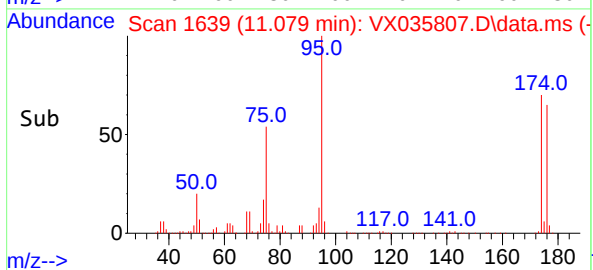
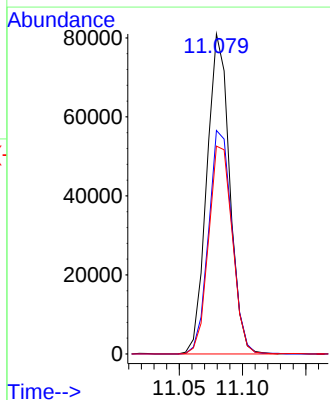
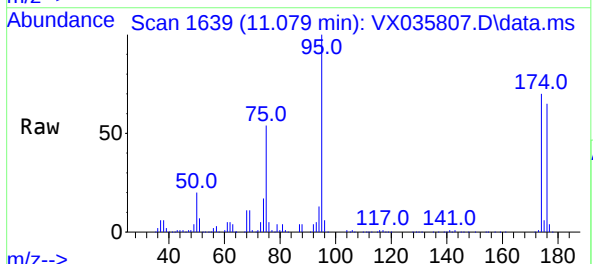
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 51.9  | 41.7  | 62.5  |
| 57  | 18.6  | 14.7  | 22.1  |

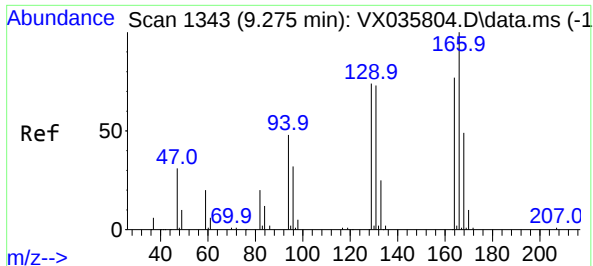


#60  
4-Bromofluorobenzene  
Concen: 26.452 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 95 Resp: 101659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 71.8  | 0.2   | 0.4#  |
| 176 | 67.5  | 0.2   | 0.2#  |

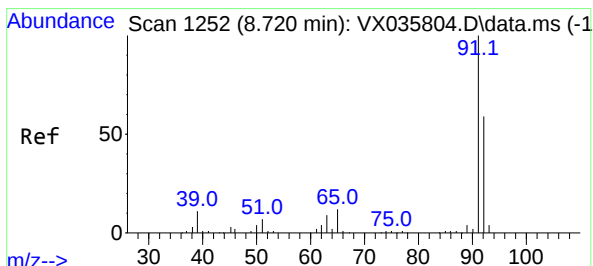
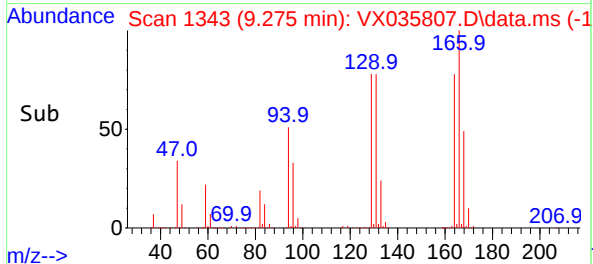
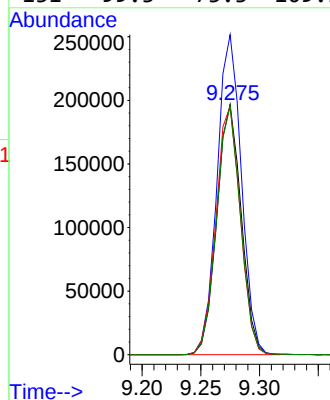
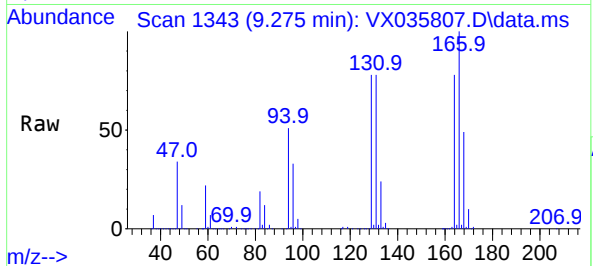




#61  
Tetrachloroethene  
Concen: 113.172 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

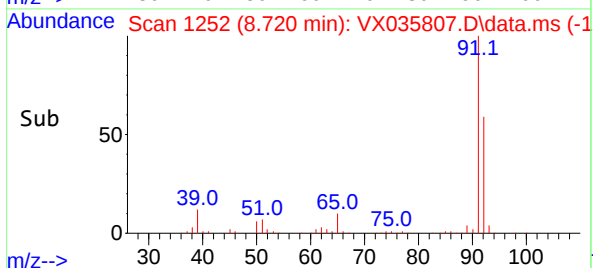
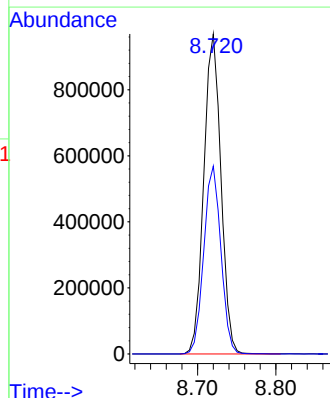
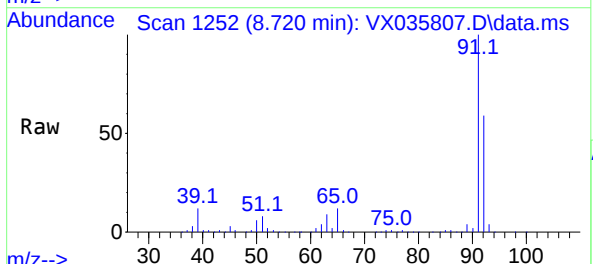
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

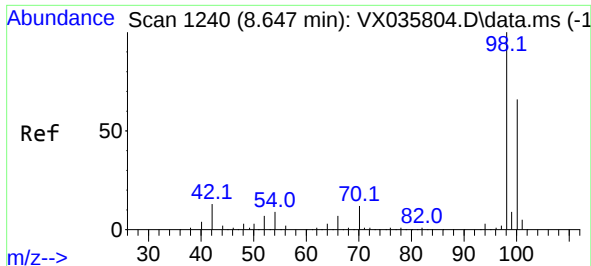
Tgt Ion:164 Resp: 284623  
Ion Ratio Lower Upper  
164 100  
166 127.9 100.1 150.1  
129 99.3 79.1 118.7  
131 99.3 73.3 109.9



#62  
Toluene  
Concen: 118.917 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 91 Resp: 1470183  
Ion Ratio Lower Upper  
91 100  
92 58.5 46.5 69.7

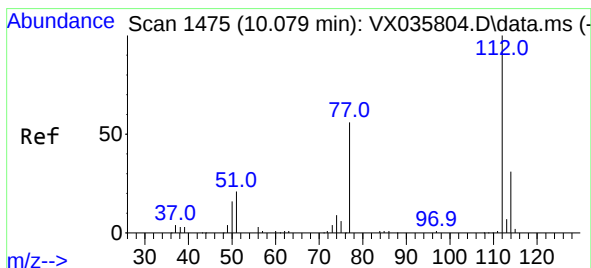
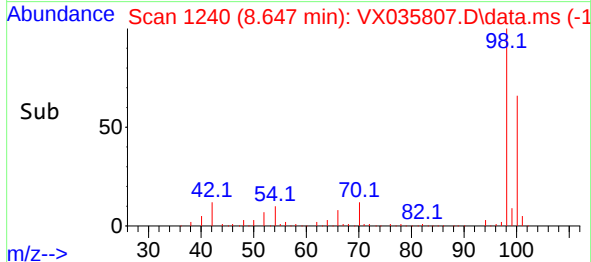
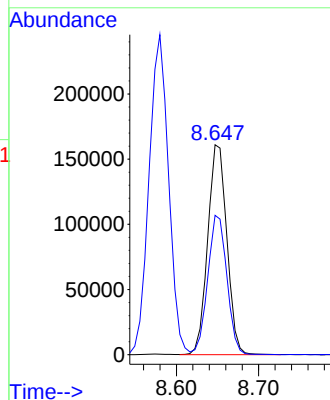
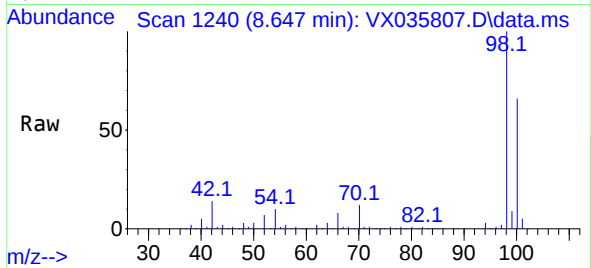




#63  
Toluene-d8  
Concen: 36.679 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

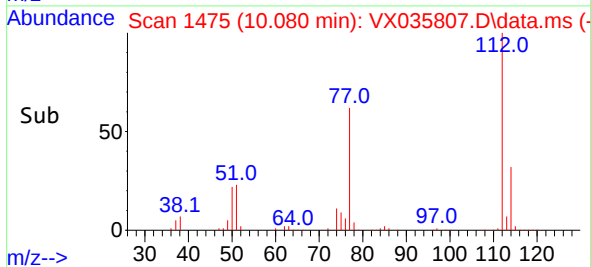
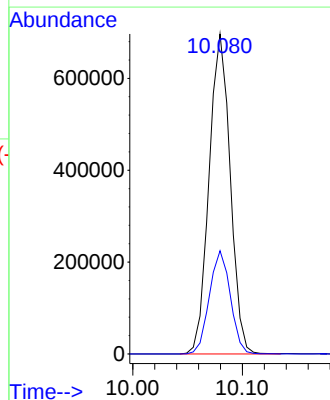
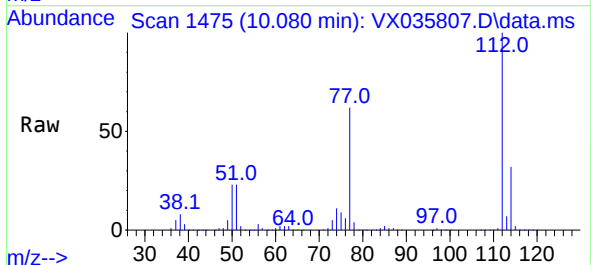
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

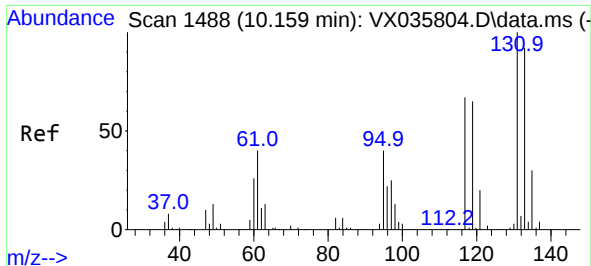
Tgt Ion: 98 Resp: 260531  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.1 78.1



#64  
Chlorobenzene  
Concen: 121.840 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 112 Resp: 934089  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.8

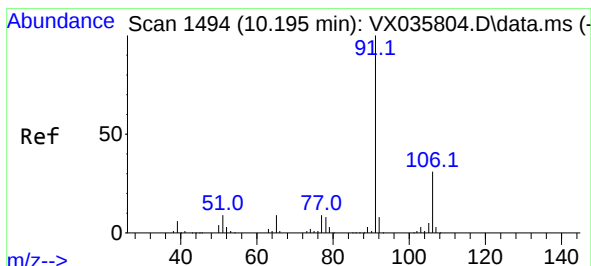
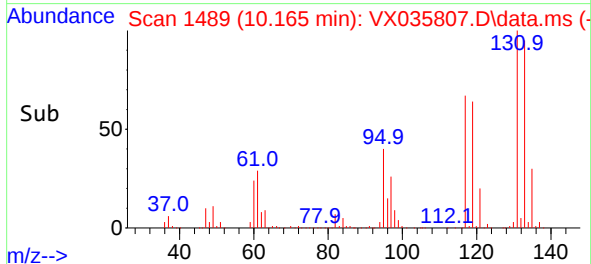
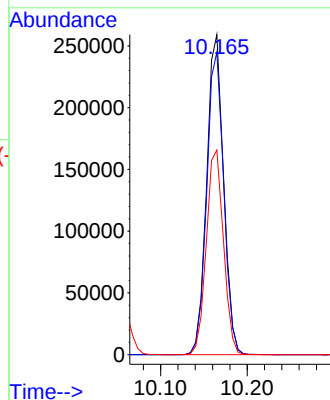
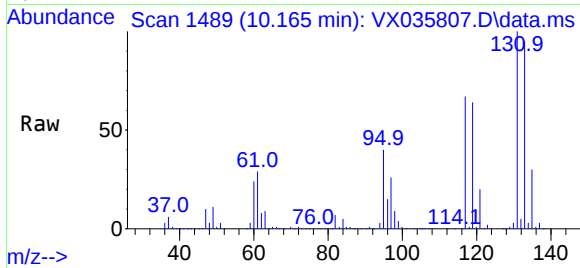




#65  
1,1,1,2-Tetrachloroethane  
Concen: 129.061 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

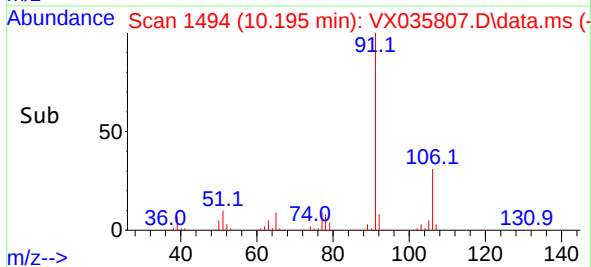
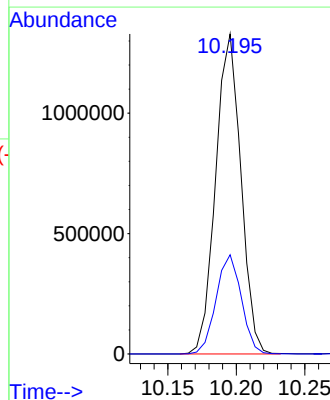
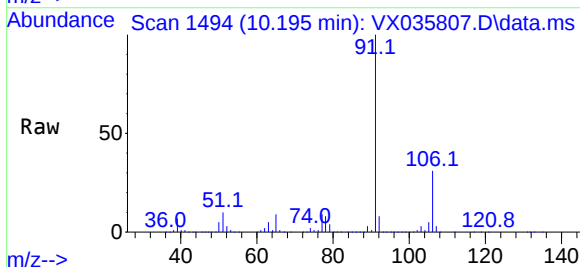
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

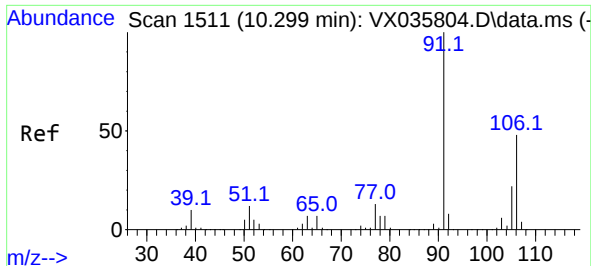
Tgt Ion:131 Resp: 351321  
Ion Ratio Lower Upper  
131 100  
133 94.9 0.0 186.6  
119 64.9 0.0 128.6



#66  
Ethyl Benzene  
Concen: 123.737 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 91 Resp: 1701535  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.4 36.6

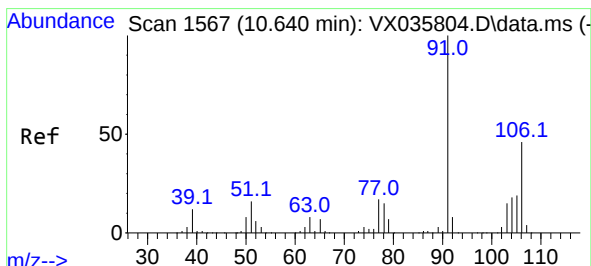
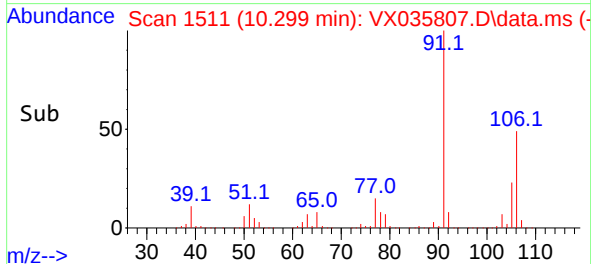
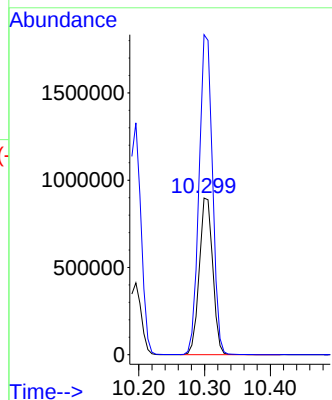
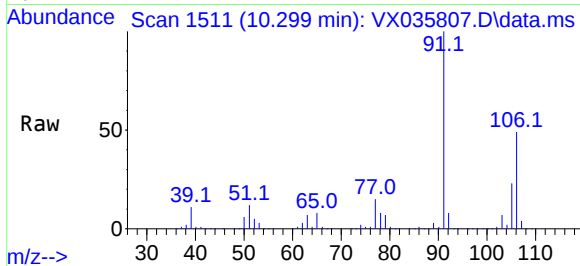




#67  
m/p-Xylenes  
Concen: 242.741 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

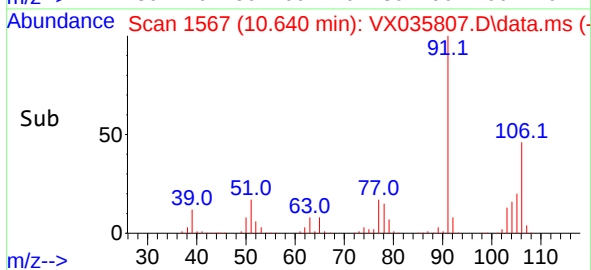
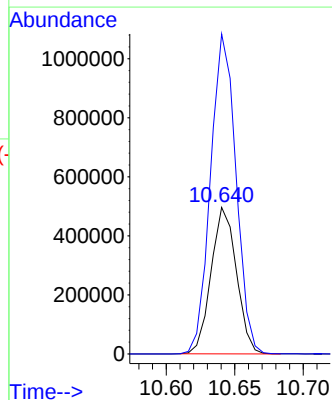
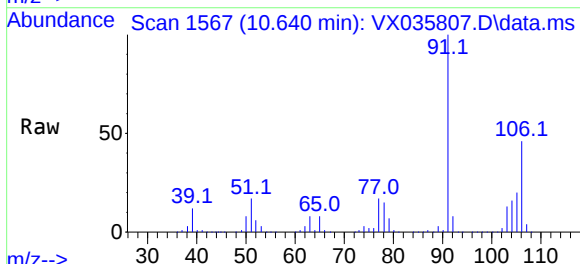
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

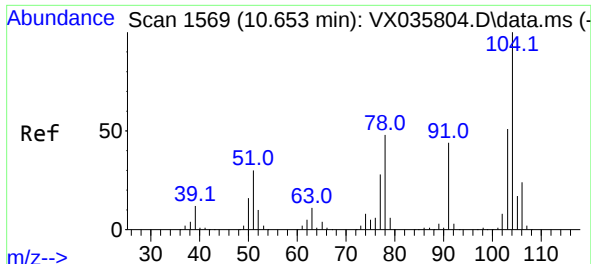
Tgt Ion:106 Resp: 1276506  
Ion Ratio Lower Upper  
106 100  
91 204.0 167.4 251.2



#68  
o-Xylene  
Concen: 122.620 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:106 Resp: 638249  
Ion Ratio Lower Upper  
106 100  
91 219.1 108.9 326.8

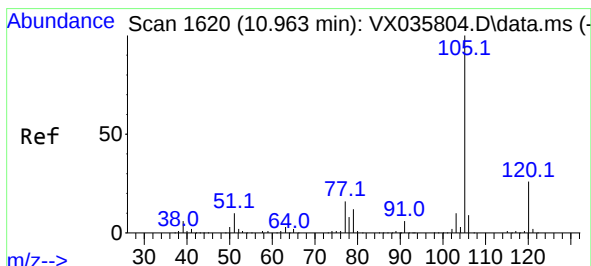
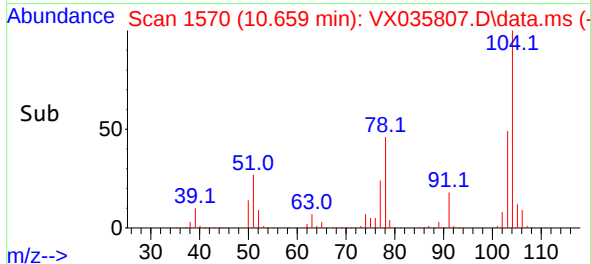
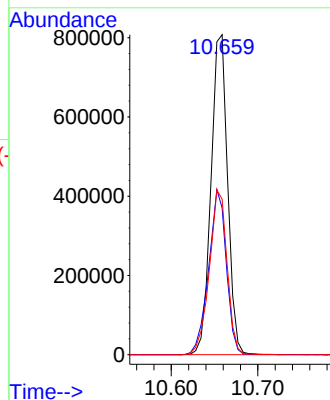
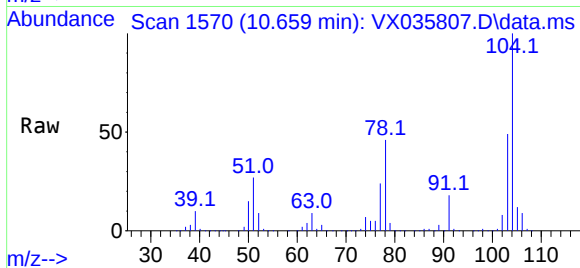




#69  
Styrene  
Concen: 125.240 ug/l  
RT: 10.659 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

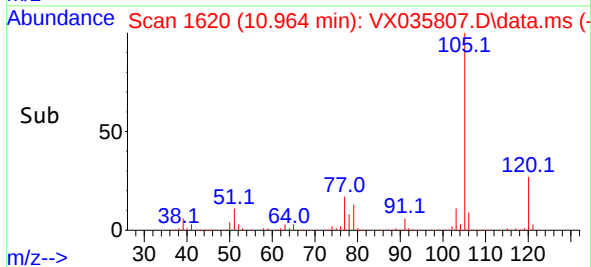
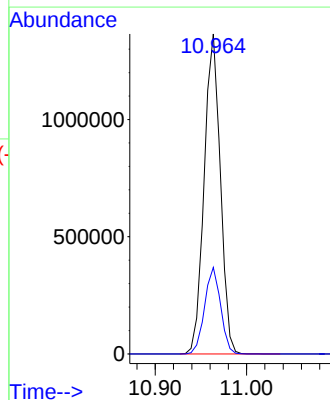
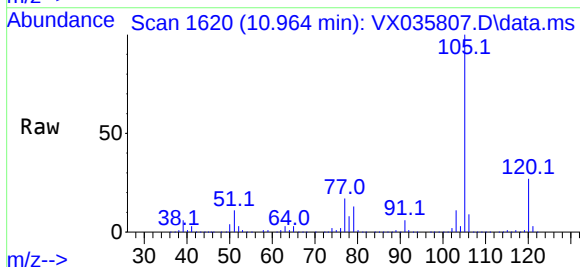
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

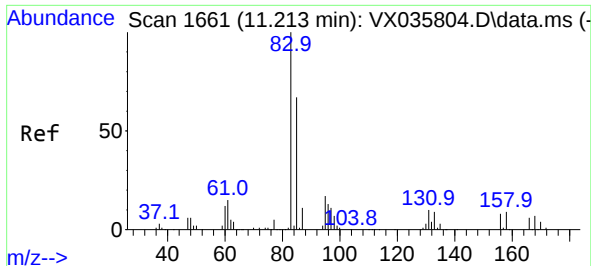
Tgt Ion:104 Resp: 1077184  
Ion Ratio Lower Upper  
104 100  
78 54.9 42.8 64.2  
103 54.8 43.8 65.8



#70  
Isopropylbenzene  
Concen: 125.134 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:105 Resp: 1678349  
Ion Ratio Lower Upper  
105 100  
120 26.7 18.5 34.3

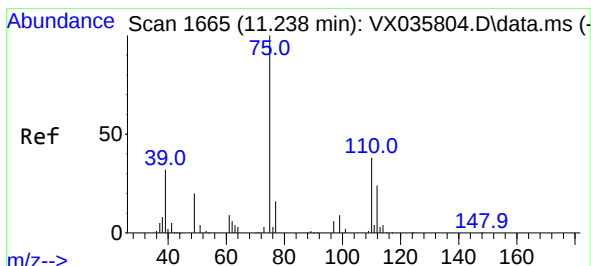
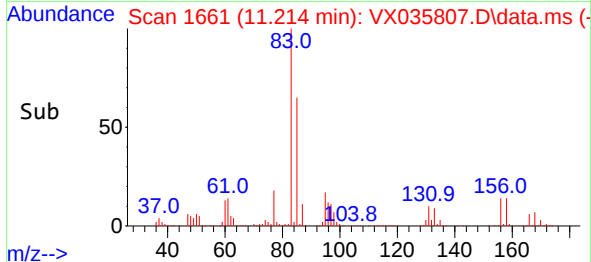
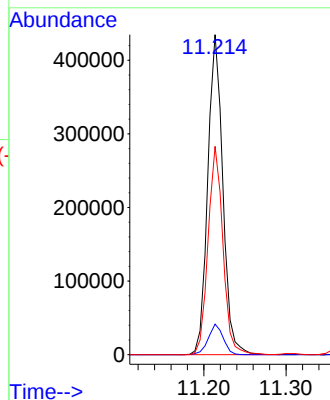
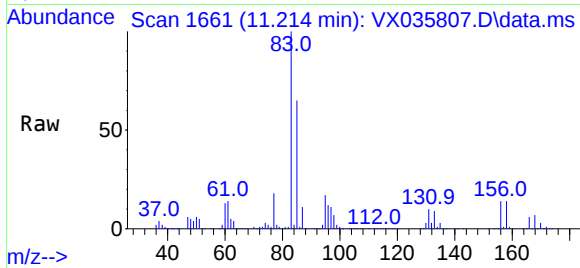




#71  
1,1,2,2-Tetrachloroethane  
Concen: 123.740 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

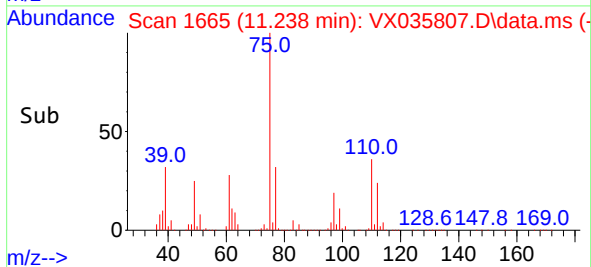
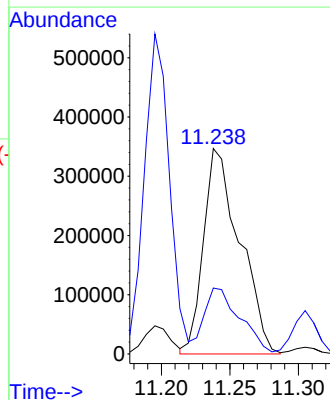
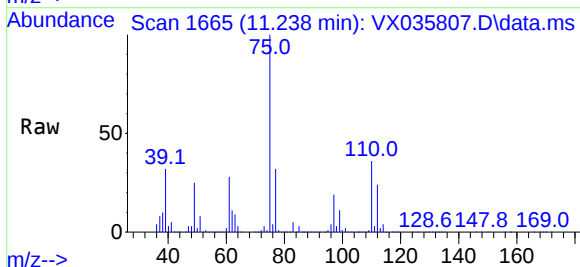
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

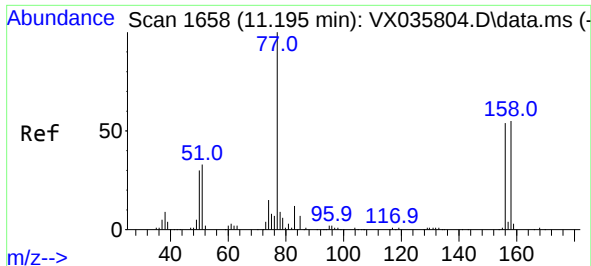
Tgt Ion: 83 Resp: 552361  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.1 15.2  
85 64.4 31.9 95.5



#72  
1,2,3-Trichloropropane  
Concen: 160.005 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 75 Resp: 639661  
Ion Ratio Lower Upper  
75 100  
77 32.1 0.0 73.8

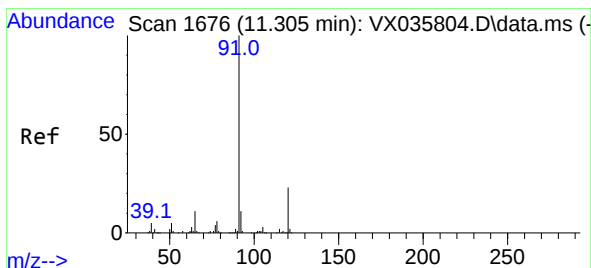
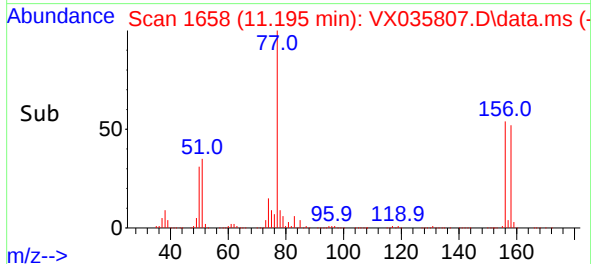
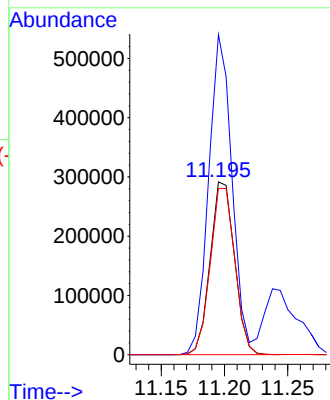
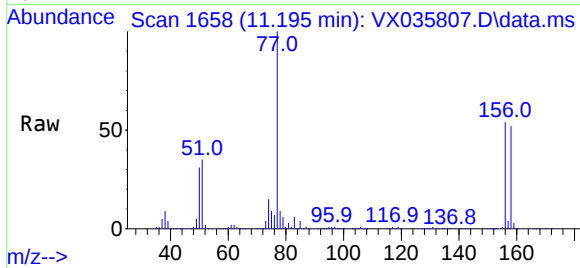




#73  
Bromobenzene  
Concen: 120.355 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

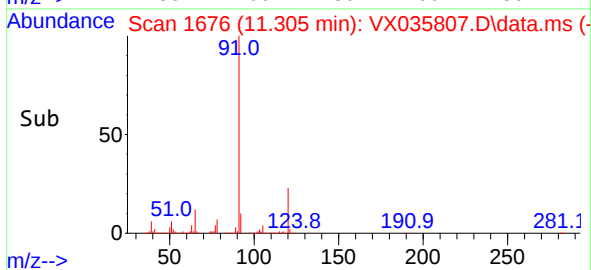
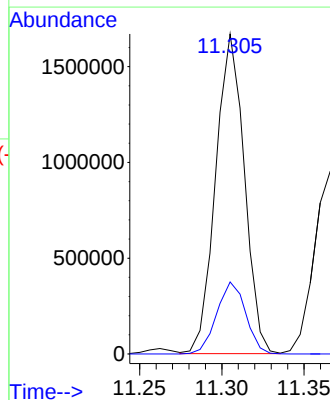
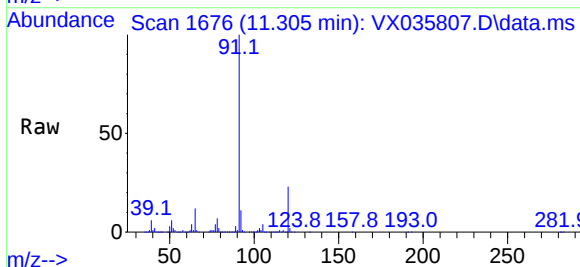
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

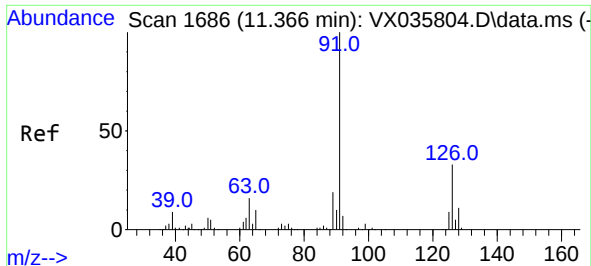
Tgt Ion:156 Resp: 389479  
Ion Ratio Lower Upper  
156 100  
77 177.6 0.0 330.8  
158 97.4 0.0 193.4



#74  
n-propylbenzene  
Concen: 129.238 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 91 Resp: 2025591  
Ion Ratio Lower Upper  
91 100  
120 22.7 0.0 44.8

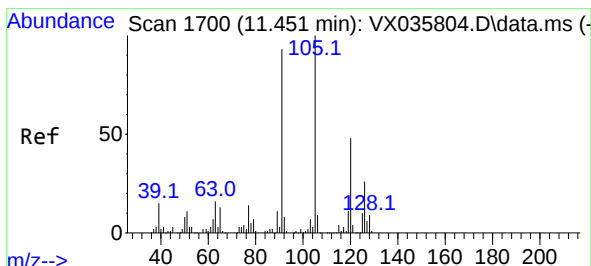
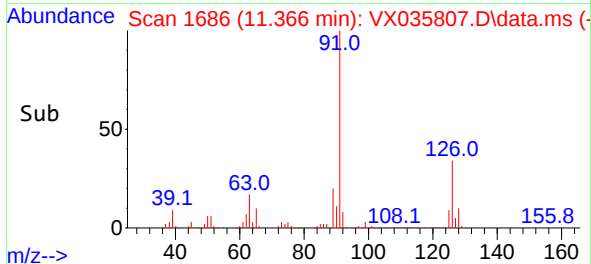
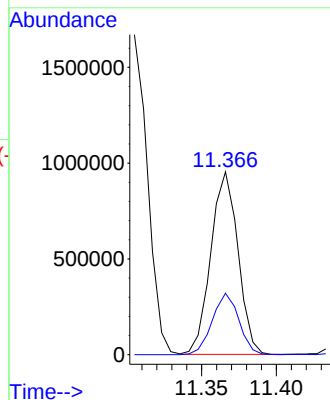
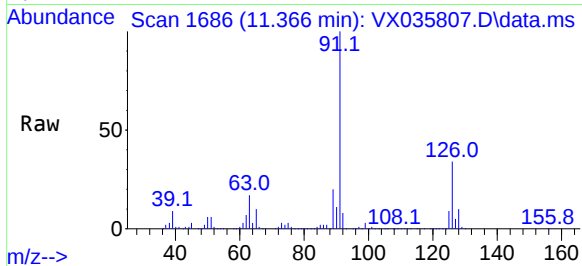




#75  
2-Chlorotoluene  
Concen: 123.076 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

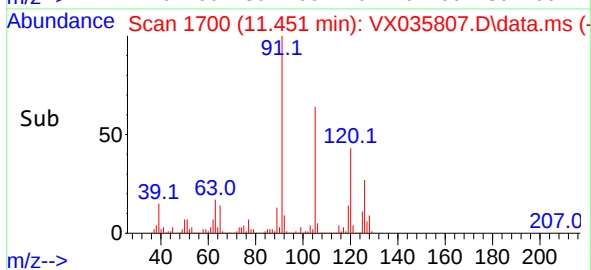
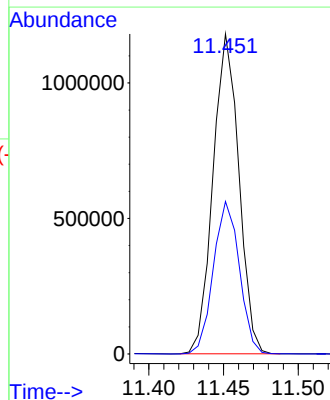
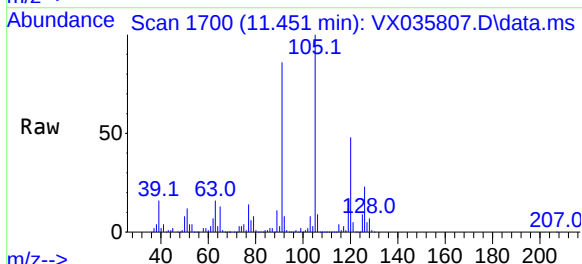
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MSVOA\_X  
ClientSampleId :  
VSTDIC150

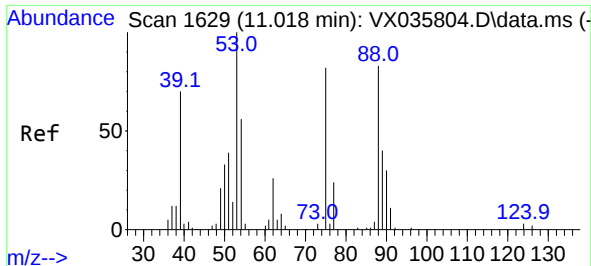
Tgt Ion: 91 Resp: 1204081  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 125.195 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 105 Resp: 1417809  
Ion Ratio Lower Upper  
105 100  
120 47.8 0.0 96.4

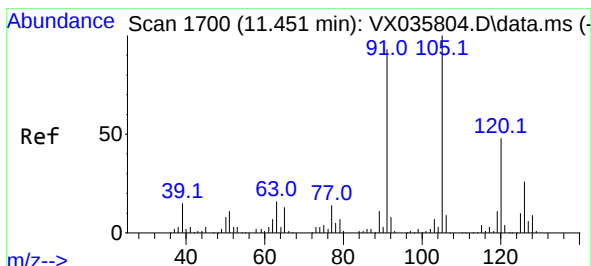
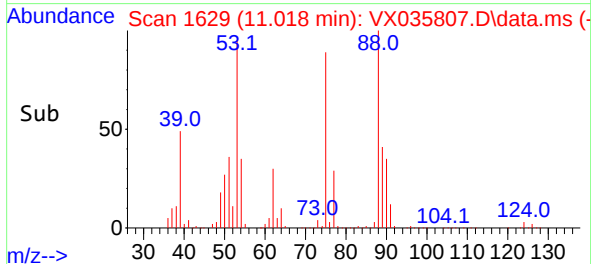
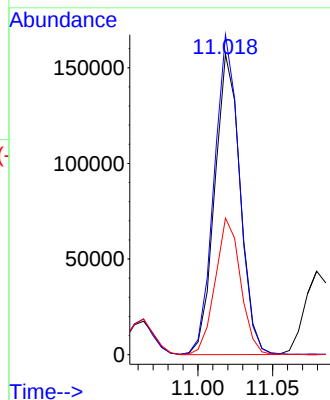
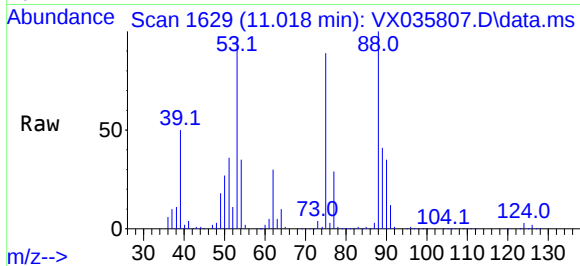




#77  
t-1,4-Dichloro-2-butene  
Concen: 150.472 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

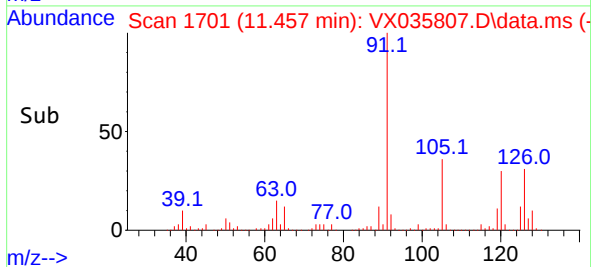
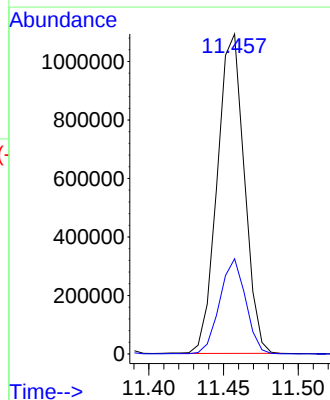
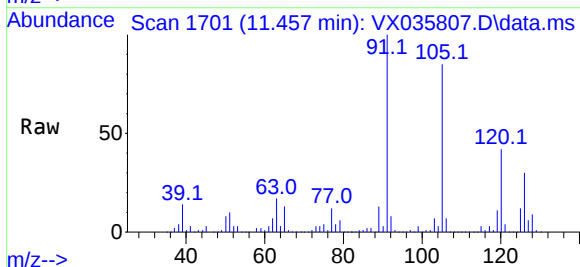
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

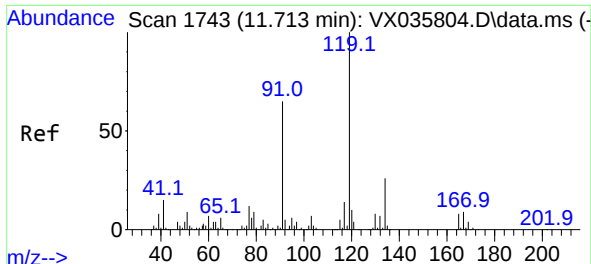
Tgt Ion: 75 Resp: 186561  
Ion Ratio Lower Upper  
75 100  
53 106.6 58.2 174.6  
89 45.4 20.6 61.8



#78  
4-Chlorotoluene  
Concen: 122.379 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 91 Resp: 1376979  
Ion Ratio Lower Upper  
91 100  
126 28.5 0.0 56.8

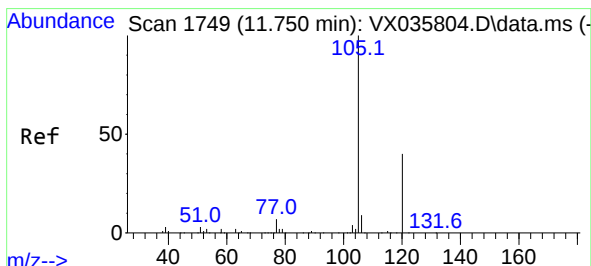
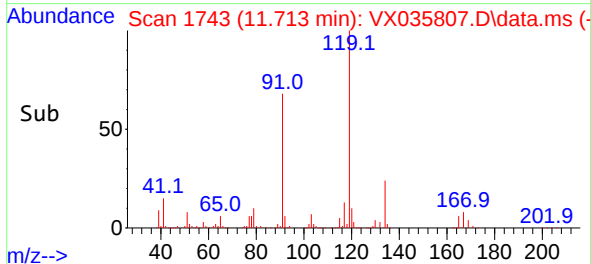
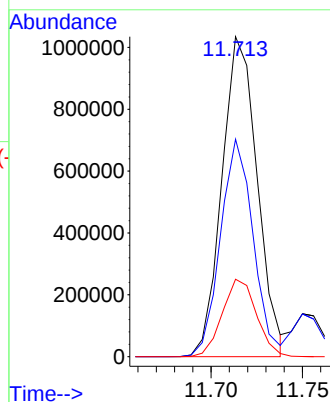
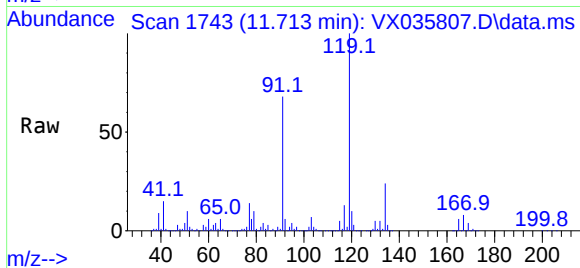




#79  
tert-butylbenzene  
Concen: 128.592 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

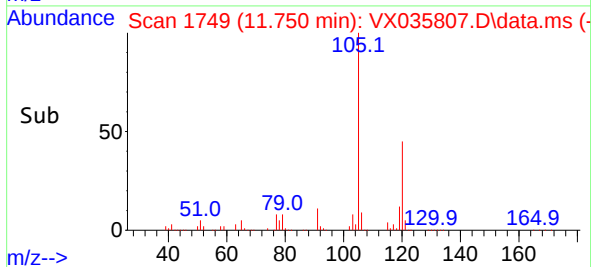
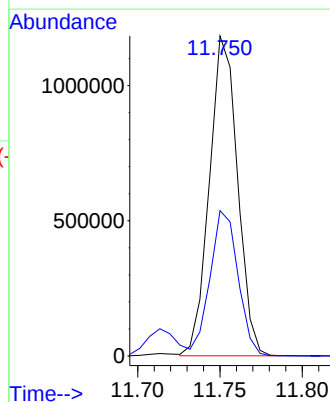
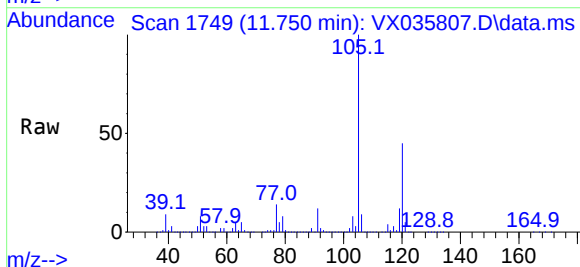
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

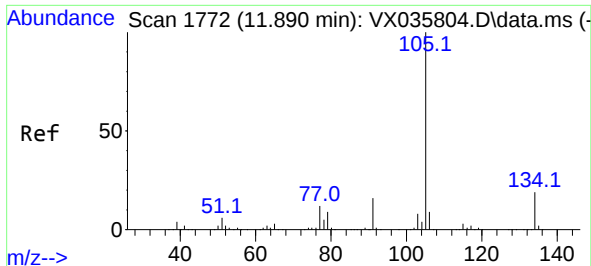
Tgt Ion:119 Resp: 1389226  
Ion Ratio Lower Upper  
119 100  
91 62.9 0.0 122.4  
134 23.5 0.0 49.2



#80  
1,2,4-Trimethylbenzene  
Concen: 124.583 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:105 Resp: 1408569  
Ion Ratio Lower Upper  
105 100  
120 45.0 0.0 90.4

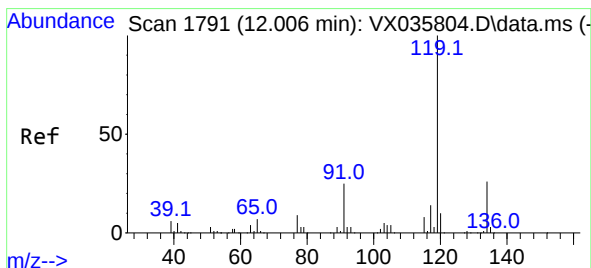
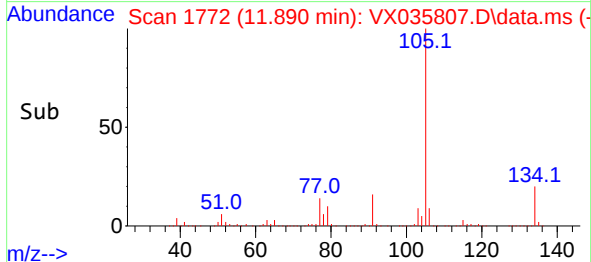
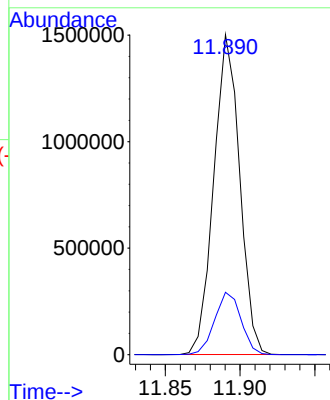
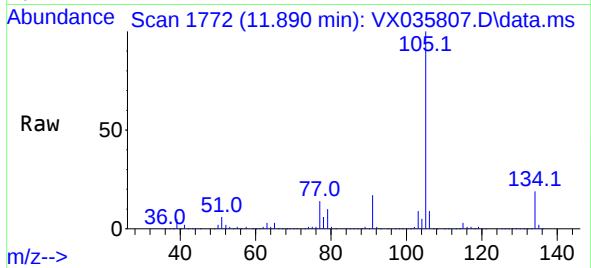




#81  
 sec-Butylbenzene  
 Concen: 137.663 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX035807.D  
 Acq: 23 May 2023 10:52

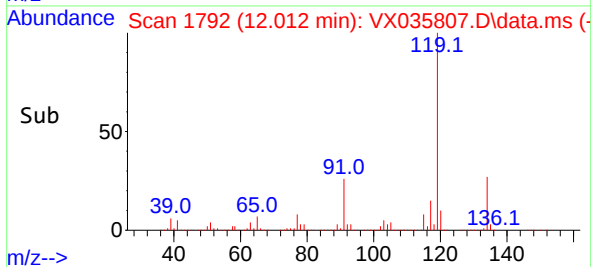
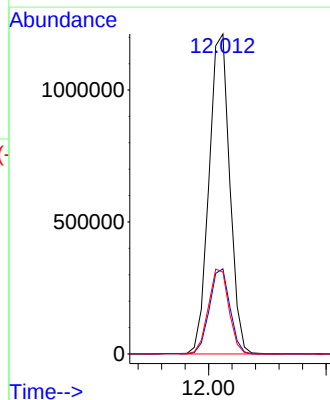
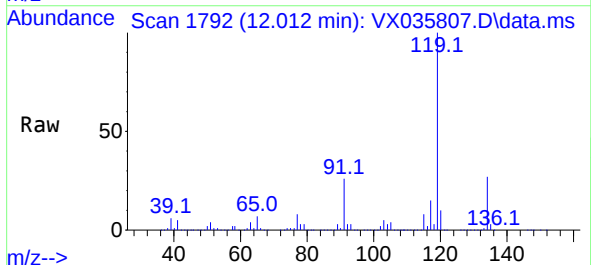
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

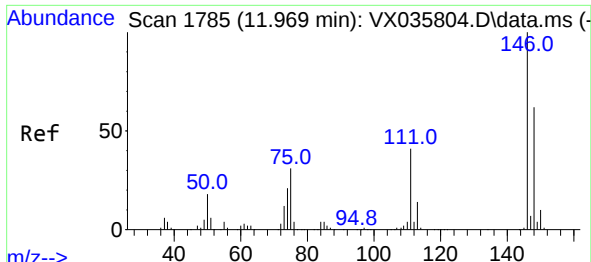
Tgt Ion:105 Resp: 1805744  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 133.839 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX035807.D  
 Acq: 23 May 2023 10:52

Tgt Ion:119 Resp: 1483969  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 52.2  
 91 26.3 0.0 51.0

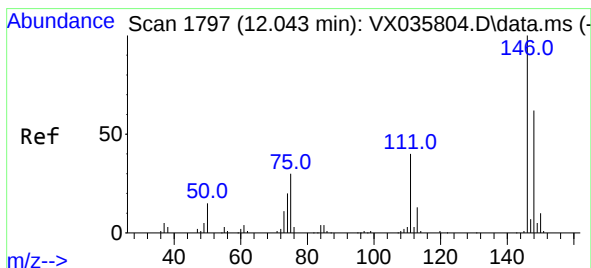
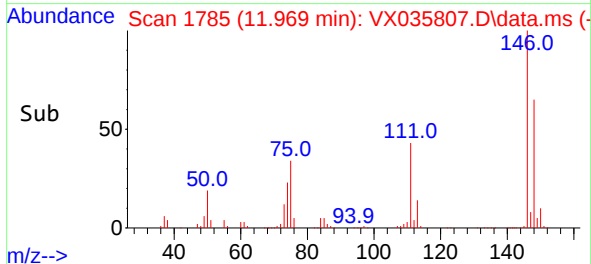
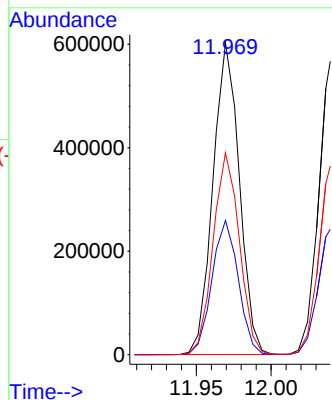
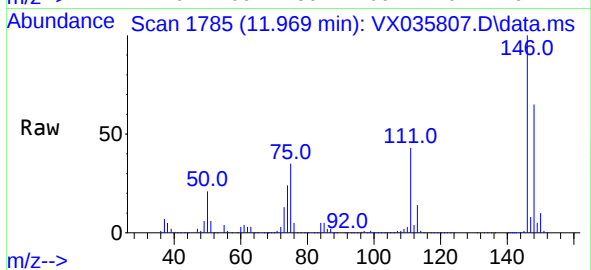




#83  
1,3-Dichlorobenzene  
Concen: 120.489 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

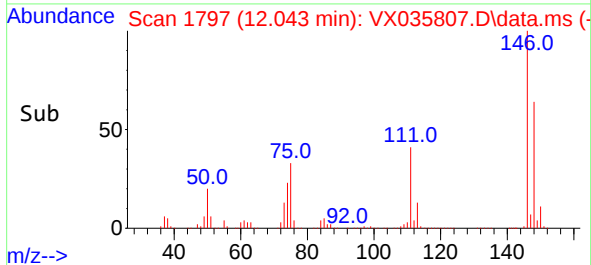
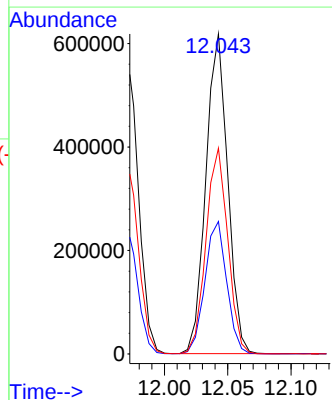
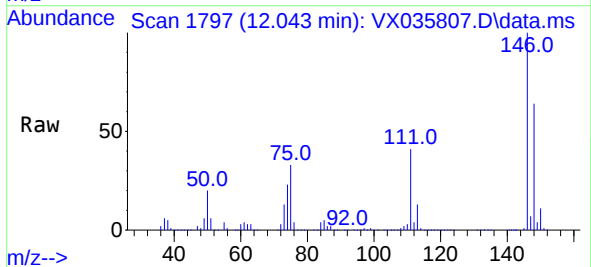
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

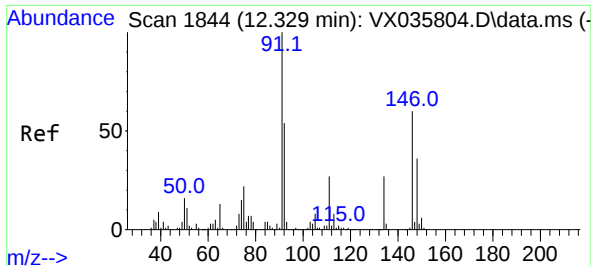
Tgt Ion:146 Resp: 737320  
Ion Ratio Lower Upper  
146 100  
111 43.2 20.6 61.9  
148 64.7 31.6 94.7



#84  
1,4-Dichlorobenzene  
Concen: 120.520 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:146 Resp: 742523  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.3 60.9  
148 64.3 31.8 95.3

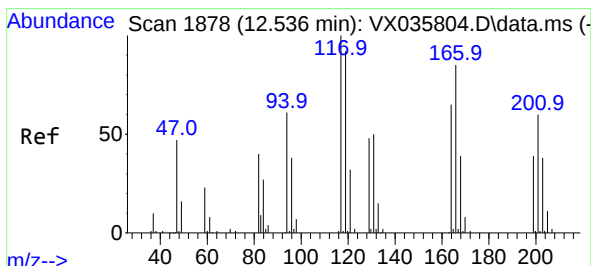
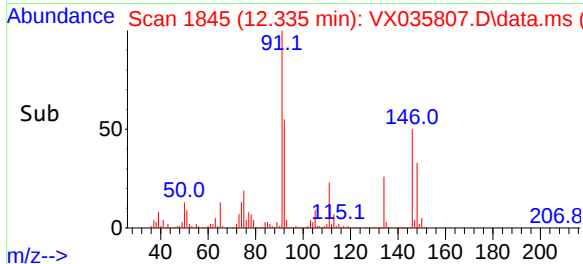
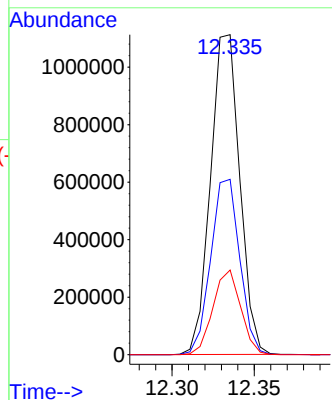
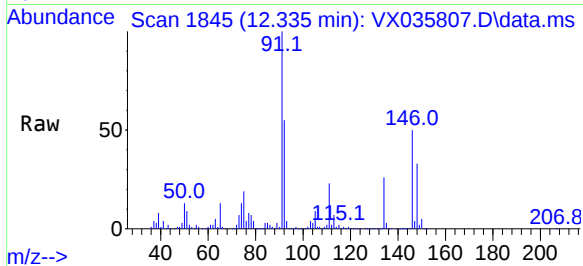




#85  
n-Butylbenzene  
Concen: 144.359 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

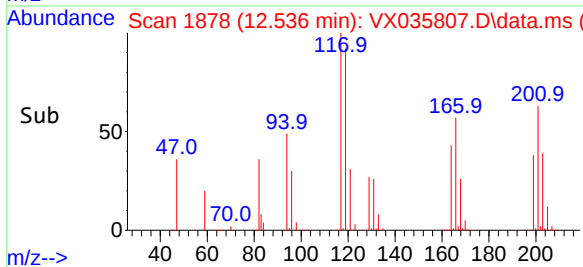
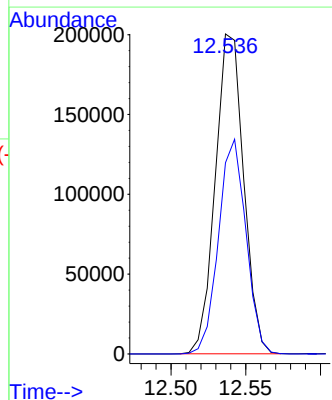
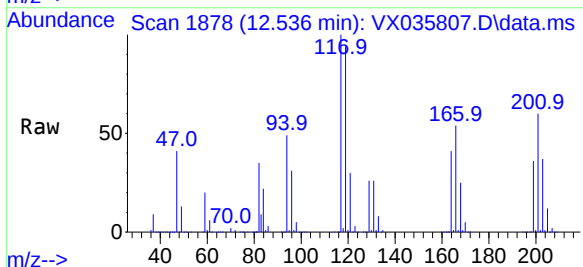
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

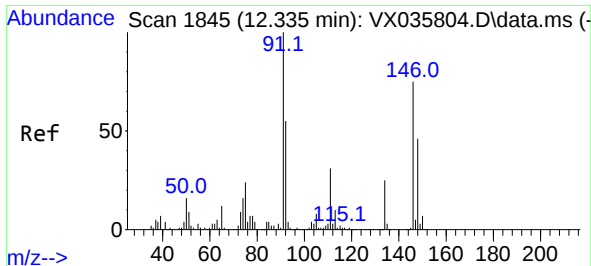
Tgt Ion: 91 Resp: 1377233  
Ion Ratio Lower Upper  
91 100  
92 54.3 0.0 107.6  
134 25.1 0.0 49.8



#86  
Hexachloroethane  
Concen: 146.134 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 117 Resp: 264812  
Ion Ratio Lower Upper  
117 100  
201 65.0 35.4 106.2

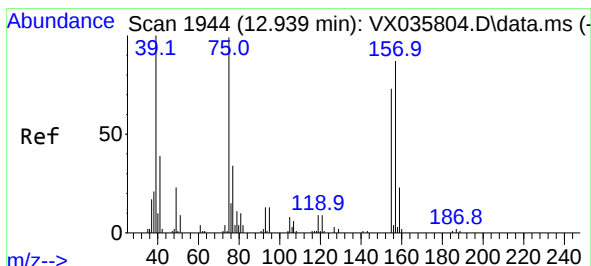
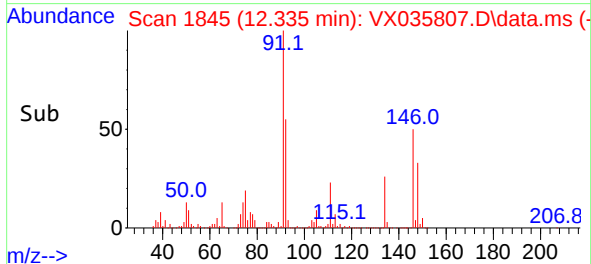
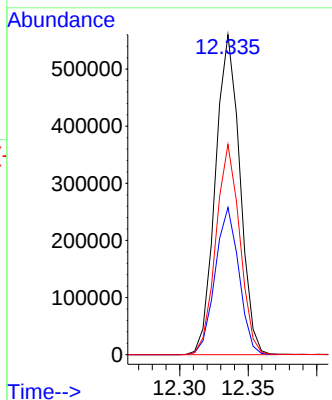
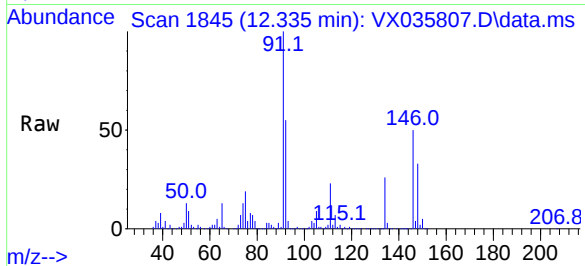




#87  
1,2-Dichlorobenzene  
Concen: 115.692 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

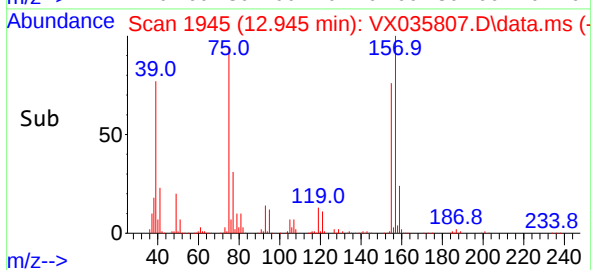
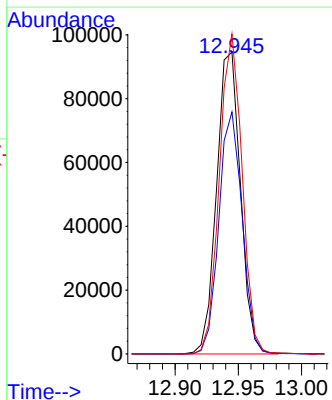
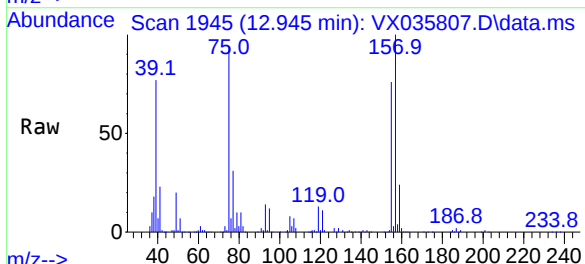
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

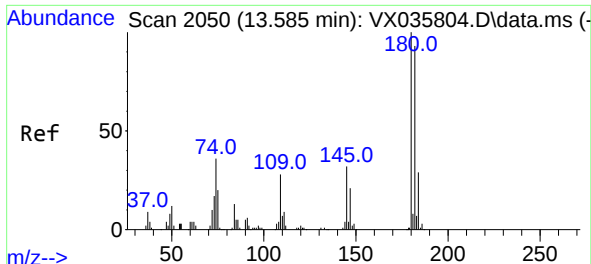
Tgt Ion:146 Resp: 694444  
Ion Ratio Lower Upper  
146 100  
111 44.8 21.3 64.0  
148 64.1 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 128.265 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion: 75 Resp: 123998  
Ion Ratio Lower Upper  
75 100  
155 78.3 63.7 95.5  
157 100.9 83.7 125.5

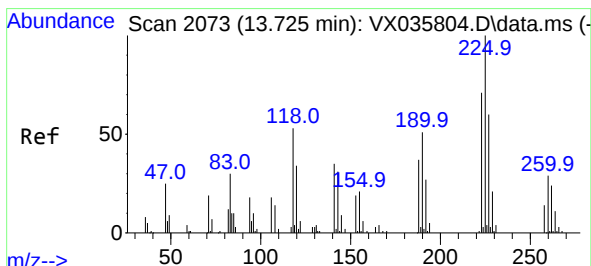
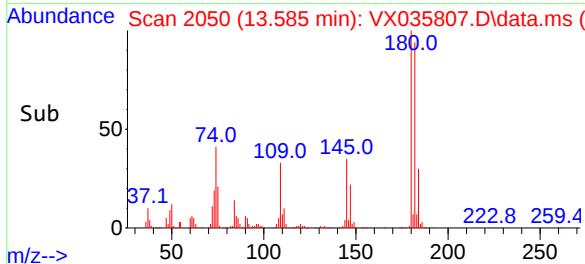
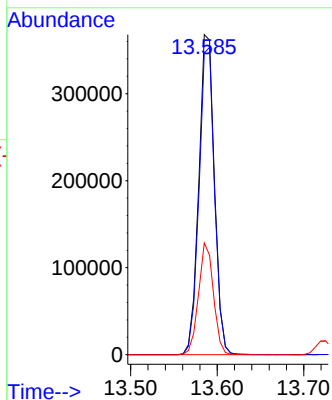
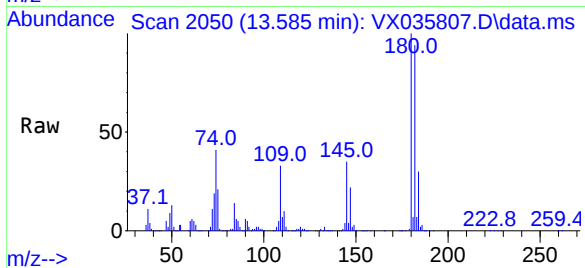




#89  
1,2,4-Trichlorobenzene  
Concen: 128.675 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

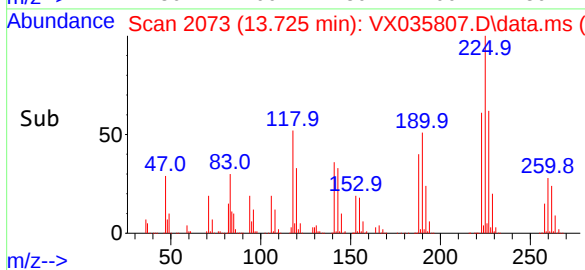
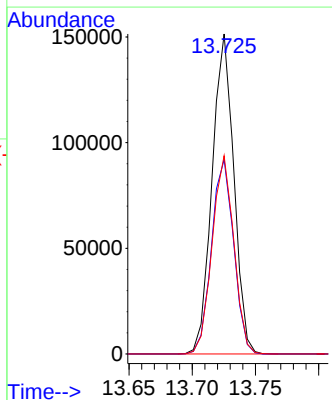
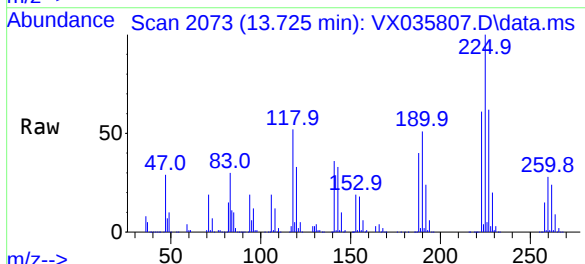
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

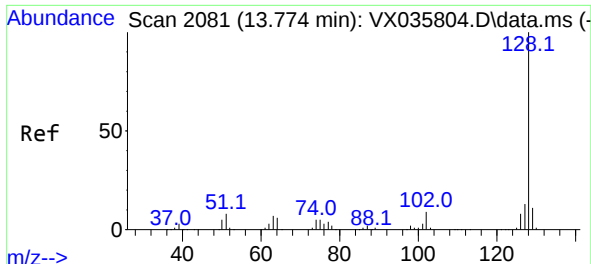
Tgt Ion:180 Resp: 461579  
Ion Ratio Lower Upper  
180 100  
182 95.0 75.8 113.8  
145 33.3 25.8 38.6



#90  
Hexachlorobutadiene  
Concen: 134.501 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:225 Resp: 180461  
Ion Ratio Lower Upper  
225 100  
223 62.0 0.0 124.2  
227 62.1 0.0 122.8

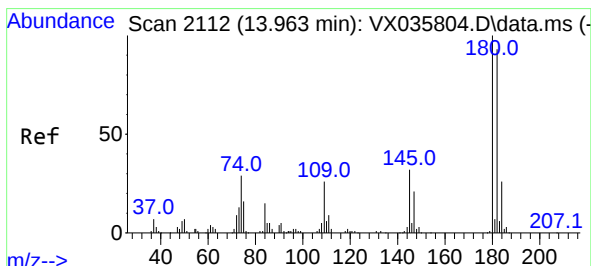
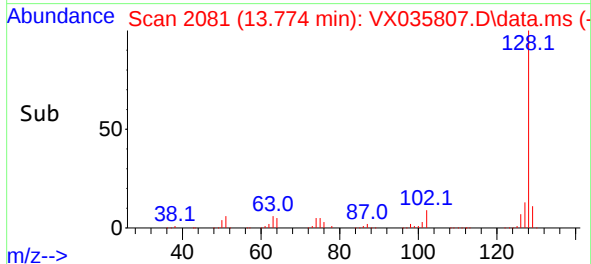
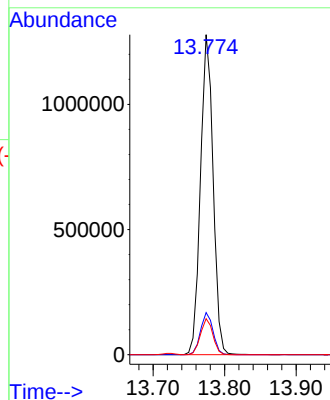
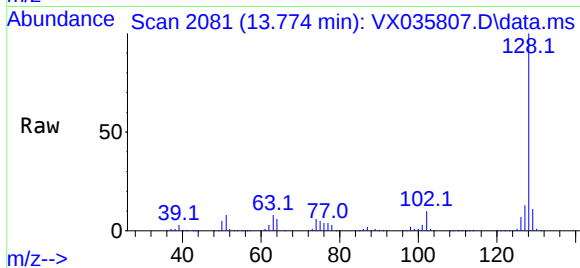




#91  
Naphthalene  
Concen: 124.272 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 1565787  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.1 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 126.172 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX035807.D  
Acq: 23 May 2023 10:52

Tgt Ion:180 Resp: 450395  
Ion Ratio Lower Upper  
180 100  
182 95.9 0.0 191.0  
145 35.3 0.0 66.8

