

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022125\  
 Data File : VX045009.D  
 Acq On : 21 Feb 2025 10:21  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Quant Time: Feb 21 12:18:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 01:21:41 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.885  | 128   | 18456    | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 100876   | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.049 | 117   | 91818    | 30.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.946  | 65    | 53173    | 29.84    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.47%   |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 51382    | 28.81    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 96.03%   |
| 63) Toluene-d8               | 8.641  | 98    | 153274   | 30.69    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 102.30%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 30488    | 18.58    | ug/l   | 95       |
| 3) Chloromethane             | 1.295  | 50    | 36739    | 21.28    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 34827    | 20.62    | ug/l   | 95       |
| 5) Bromomethane              | 1.593  | 94    | 12009    | 29.42    | ug/l   | 99       |
| 6) Chloroethane              | 1.666  | 64    | 20465    | 76.42    | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 45678    | 24.70    | ug/l   | 96       |
| 8) Diethyl Ether             | 2.130  | 74    | 17586    | 24.65    | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 26971    | 20.35    | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.313  | 96    | 26361    | 19.34    | ug/l   | 98       |
| 11) Methyl Iodide            | 2.447  | 142   | 26786    | 14.18    | ug/l   | 93       |
| 12) Methyl Acetate           | 2.697  | 43    | 30401    | 15.28    | ug/l   | 96       |
| 13) Acrolein                 | 2.233  | 56    | 29114    | 132.28   | ug/l   | 97       |
| 14) Acrylonitrile            | 3.056  | 53    | 76500    | 105.49   | ug/l   | 99       |
| 15) Acetone                  | 2.380  | 58    | 21647    | 111.24   | ug/l   | 95       |
| 16) Carbon Disulfide         | 2.502  | 76    | 73699    | 19.45    | ug/l   | 100      |
| 17) Allyl chloride           | 2.660  | 41    | 48603    | 19.77    | ug/l   | 97       |
| 18) Methylene Chloride       | 2.782  | 84    | 30537    | 20.02    | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 3.081  | 96    | 26955    | 19.89    | ug/l   | 95       |
| 20) Diisopropyl ether        | 3.751  | 45    | 95769    | 21.46    | ug/l   | 87       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 53432    | 20.19    | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 32387    | 19.30    | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.983  | 59    | 26136    | 74.51    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.105  | 73    | 86386    | 18.29    | ug/l   | 99       |
| 25) Chloroform               | 5.087  | 83    | 52389    | 19.92    | ug/l   | 96       |
| 26) Cyclohexane              | 5.465  | 56    | 49670    | 22.33    | ug/l # | 93       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 36104    | 20.58    | ug/l   | 99       |
| 30) 2-Butanone               | 4.550  | 43    | 104263   | 108.17   | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 4.465  | 77    | 39511    | 16.27    | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 43317    | 18.63    | ug/l   | 95       |
| 33) Carbon Tetrachloride     | 5.666  | 117   | 36851    | 18.79    | ug/l   | 98       |
| 34) Benzene                  | 6.032  | 78    | 114107   | 20.38    | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.910  | 41    | 22376    | 20.77    | ug/l   | 93       |
| 36) 1,2-Dichloroethane       | 6.080  | 62    | 39058    | 19.51    | ug/l   | 98       |
| 37) Trichloroethene          | 7.117  | 130   | 26892    | 19.90    | ug/l   | 99       |
| 38) Methylcyclohexane        | 7.373  | 83    | 47088    | 19.75    | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 28555    | 20.46    | ug/l   | 97       |
| 40) Dibromomethane           | 7.580  | 93    | 20254    | 19.52    | ug/l   | 98       |
| 41) Bromodichloromethane     | 7.818  | 83    | 39895    | 18.62    | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.715  | 43    | 400180   | 104.55   | ug/l   | 97       |

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 Data File : VX045009.D  
 Acq On : 21 Feb 2025 10:21  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

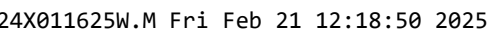
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

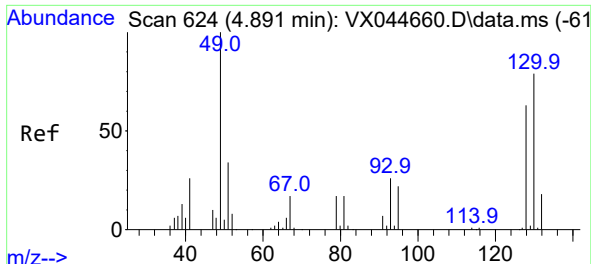
Quant Time: Feb 21 12:18:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 01:21:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 4.709  | 43   | 38893    | 20.57  | ug/l # | 93       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 61693    | 18.16  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 14028    | 433.71 | ug/l   | 95       |
| 46) Methyl methacrylate       | 7.690  | 41   | 30666    | 18.44  | ug/l   | 98       |
| 47) n-amyl Acetate            | 10.842 | 43   | 54008    | 18.95  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 35645    | 15.76  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.360  | 75   | 42718    | 17.61  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 9.147  | 97   | 27147    | 20.31  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 9.110  | 69   | 39389    | 16.96  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 47373    | 20.49  | ug/l   | 100      |
| 53) Dibromochloromethane      | 9.519  | 129  | 29289    | 18.34  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.604  | 107  | 26948    | 19.07  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 105624   | 93.75  | ug/l   | 97       |
| 56) Bromoform                 | 10.799 | 173  | 17331    | 16.36  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.568  | 43   | 208023   | 107.48 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 149308   | 105.38 | ug/l   | 95       |
| 61) Tetrachloroethene         | 9.269  | 164  | 22529    | 20.46  | ug/l   | 93       |
| 62) Toluene                   | 8.714  | 91   | 119473   | 19.76  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.073 | 112  | 74287    | 19.78  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 24135    | 17.89  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.189 | 91   | 128535   | 19.48  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 99887    | 41.19  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 48859    | 20.07  | ug/l   | 100      |
| 69) Styrene                   | 10.653 | 104  | 80660    | 20.18  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.957 | 105  | 124935   | 20.42  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 40659    | 19.76  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 41023    | 23.70  | ug/l   | 88       |
| 73) Bromobenzene              | 11.195 | 156  | 28601    | 20.06  | ug/l   | 98       |
| 74) n-propylbenzene           | 11.299 | 91   | 146105   | 21.02  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 89859    | 20.56  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 103532   | 20.83  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 9794     | 11.96  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 99015    | 20.56  | ug/l   | 97       |
| 79) tert-butylbenzene         | 11.713 | 119  | 104250   | 20.42  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 104388   | 20.82  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.884 | 105  | 129645   | 21.27  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 104594   | 20.85  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 53471    | 21.12  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 12.037 | 146  | 52302    | 21.07  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 92551    | 21.28  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 17240    | 15.62  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 53134    | 21.01  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 7393     | 14.92  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 30018    | 19.10  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 12822    | 21.10  | ug/l   | 99       |
| 91) Naphthalene               | 13.774 | 128  | 108844   | 18.51  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 32019    | 20.03  | ug/l   | 99       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
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QLast Update : Fri Jan 17 01:21:41 2025  
Response via : Initial Calibration

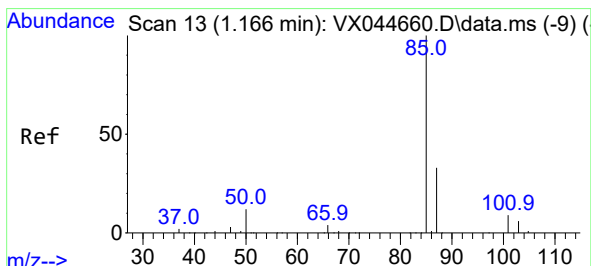
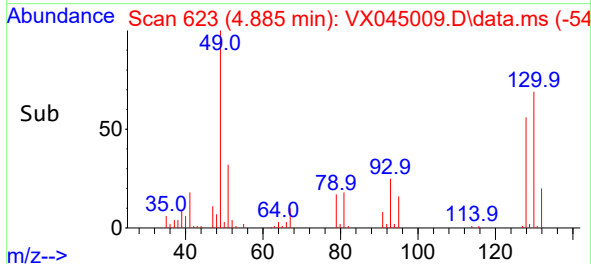
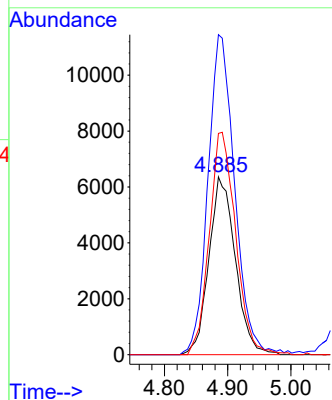
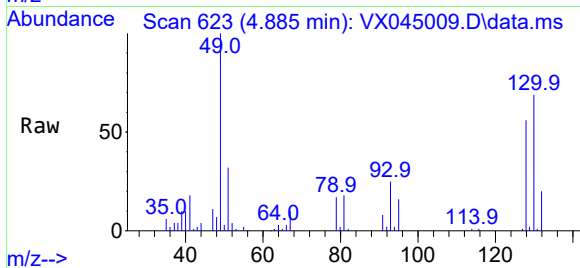




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.885 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

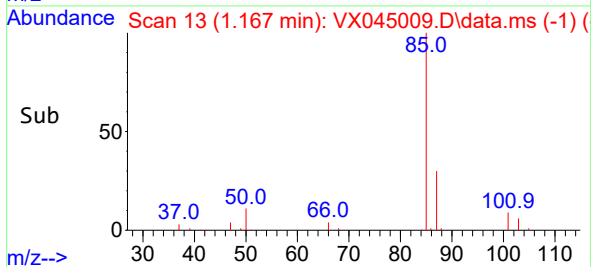
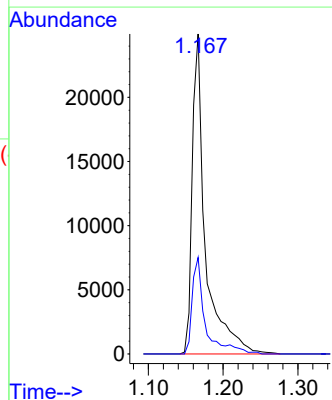
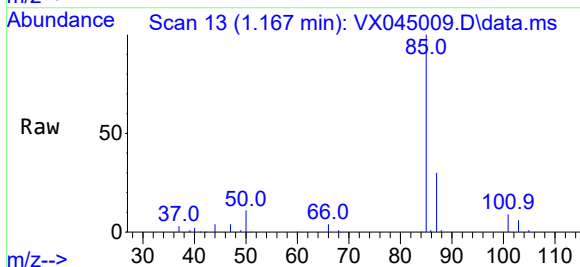
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

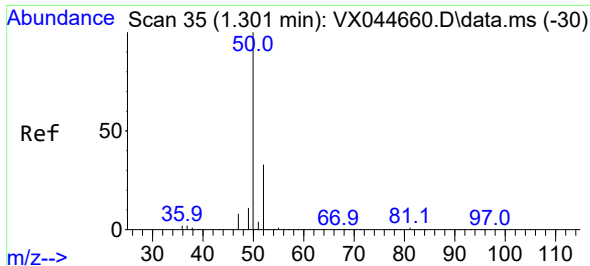
Tgt Ion:128 Resp: 18456  
Ion Ratio Lower Upper  
128 100  
49 179.9 0.0 411.5  
130 125.1 0.0 324.3



#2  
Dichlorodifluoromethane  
Concen: 18.58 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 85 Resp: 30488  
Ion Ratio Lower Upper  
85 100  
87 30.2 16.6 49.8

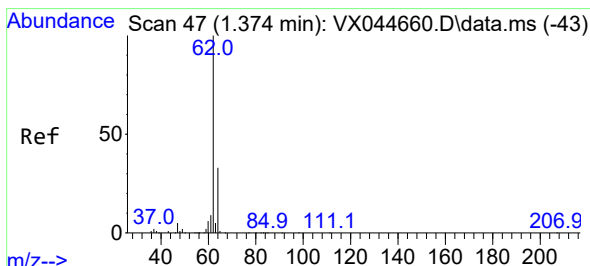
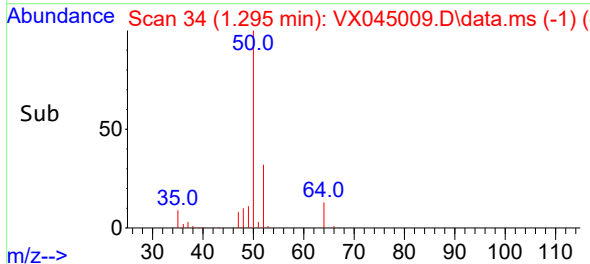
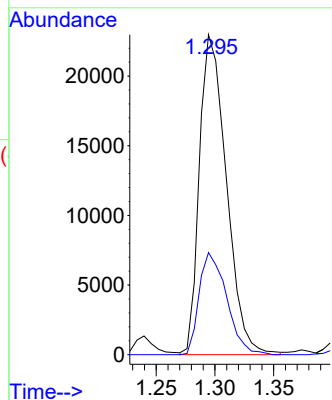
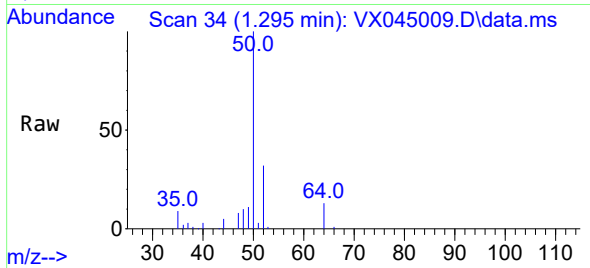




#3  
Chloromethane  
Concen: 21.28 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

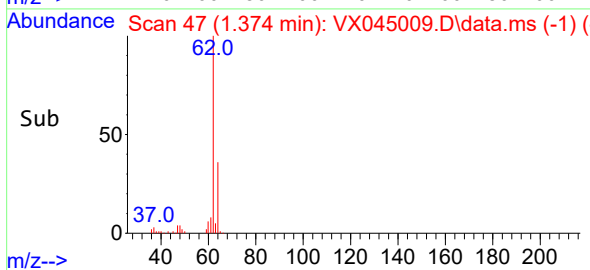
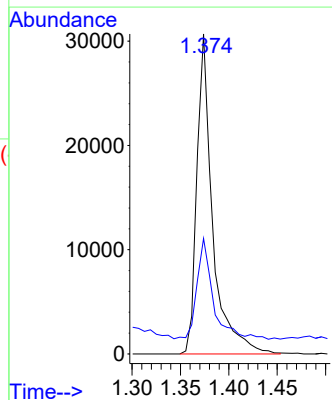
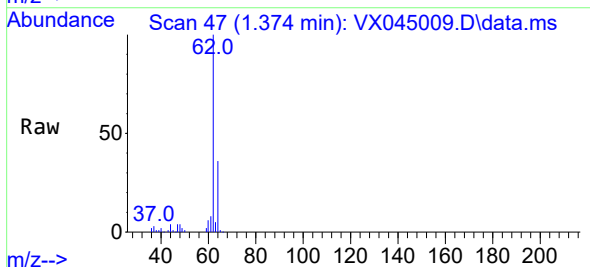
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

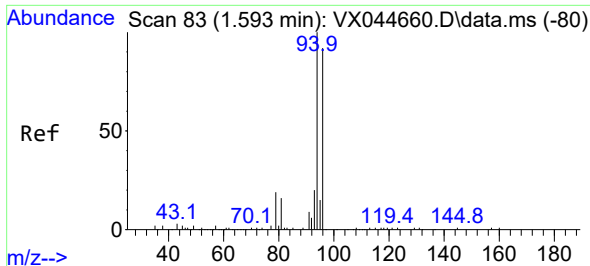
Tgt Ion: 50 Resp: 36739  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 20.62 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 62 Resp: 34827  
Ion Ratio Lower Upper  
62 100  
64 31.4 27.3 40.9

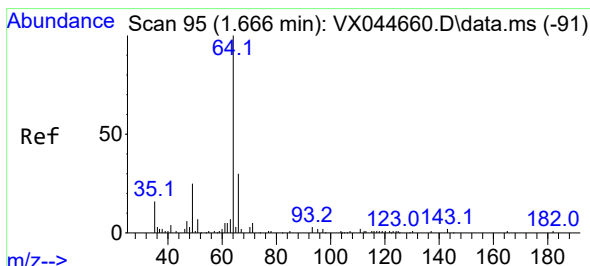
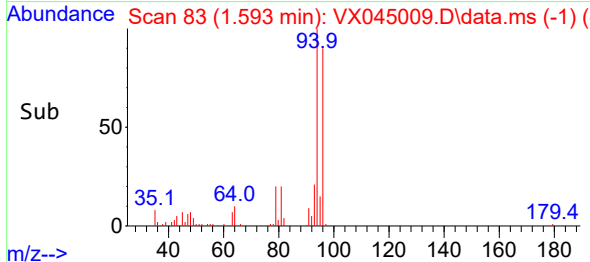
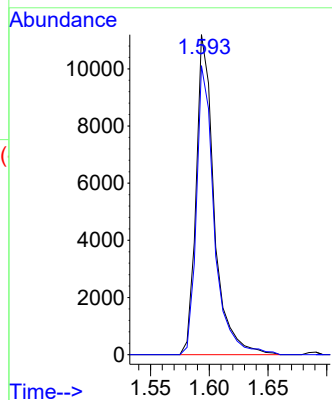
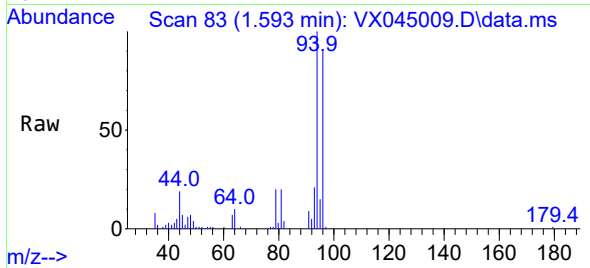




#5  
Bromomethane  
Concen: 29.42 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

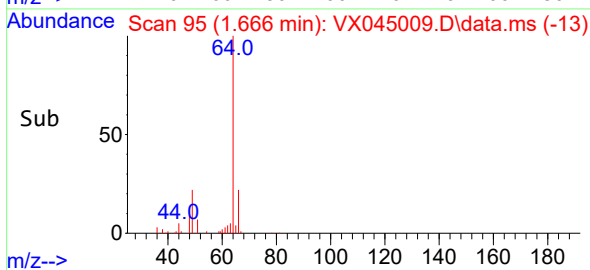
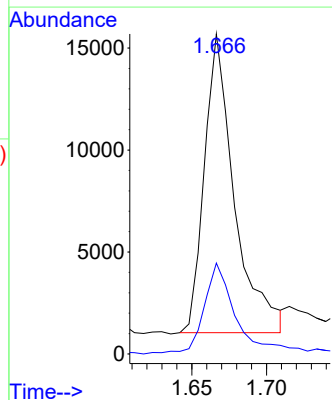
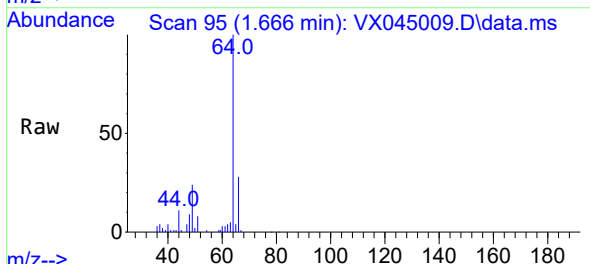
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

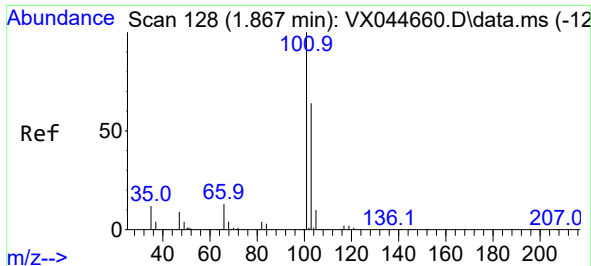
Tgt Ion: 94 Resp: 12009  
Ion Ratio Lower Upper  
94 100  
96 90.3 73.3 109.9



#6  
Chloroethane  
Concen: 76.42 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 64 Resp: 20465  
Ion Ratio Lower Upper  
64 100  
66 29.6 23.8 35.6

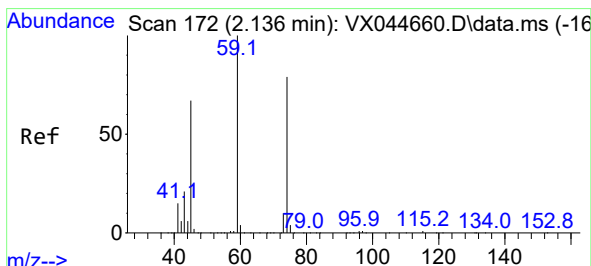
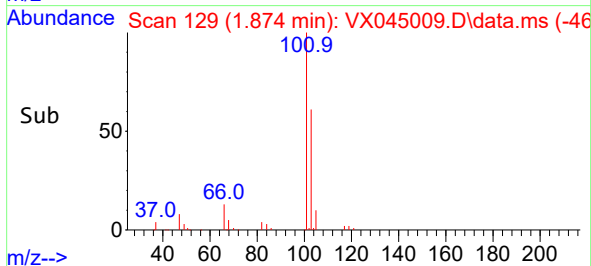
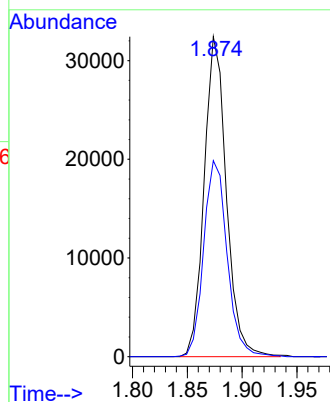
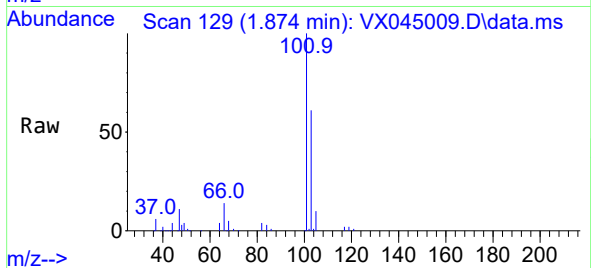




#7  
Trichlorofluoromethane  
Concen: 24.70 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

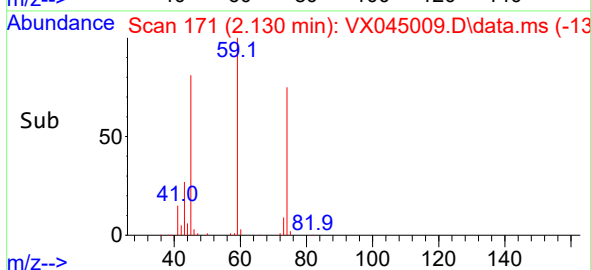
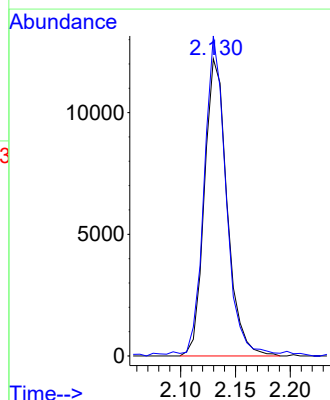
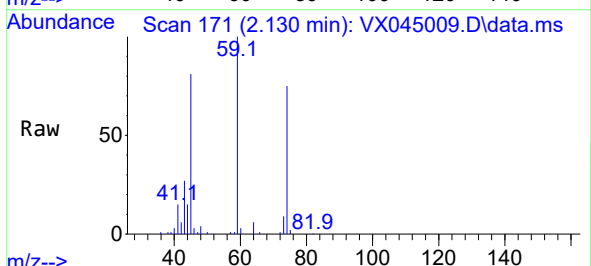
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

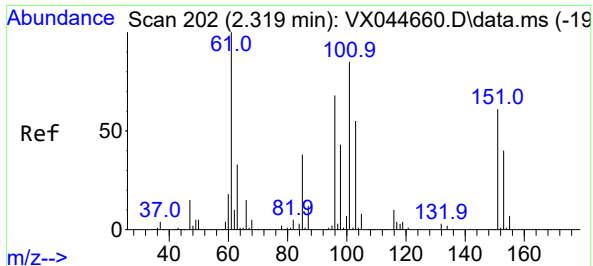
Tgt Ion:101 Resp: 45678  
Ion Ratio Lower Upper  
101 100  
103 61.0 51.1 76.7



#8  
Diethyl Ether  
Concen: 24.65 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 74 Resp: 17586  
Ion Ratio Lower Upper  
74 100  
45 103.8 18.8 168.8

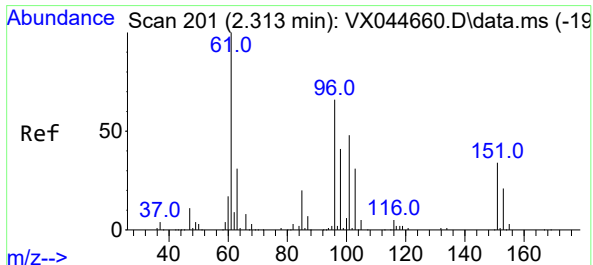
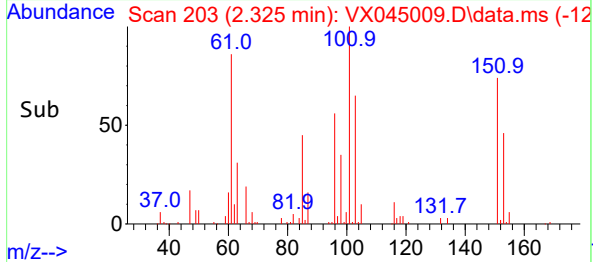
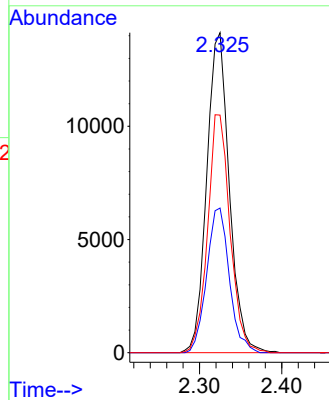
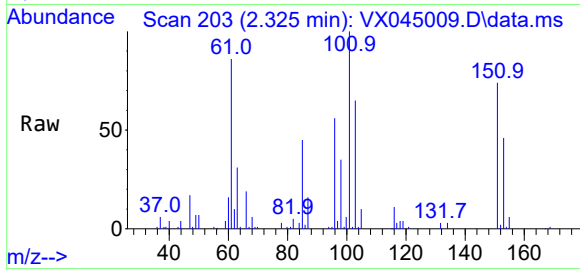




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.35 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

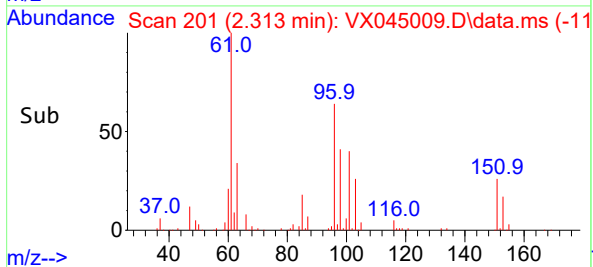
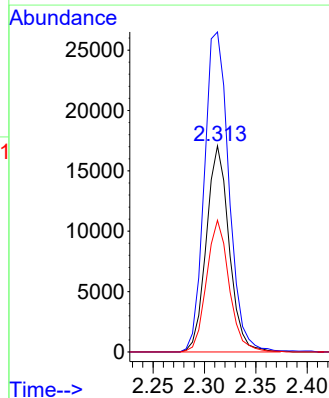
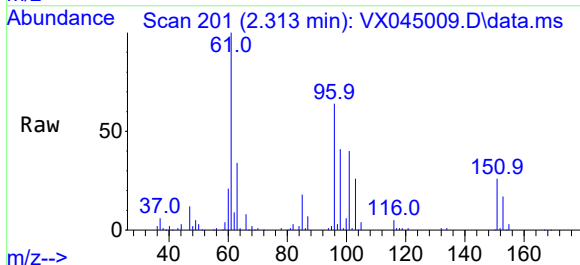
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:101 Resp: 26971  
Ion Ratio Lower Upper  
101 100  
85 45.3 0.0 88.0  
151 73.8 0.0 147.0

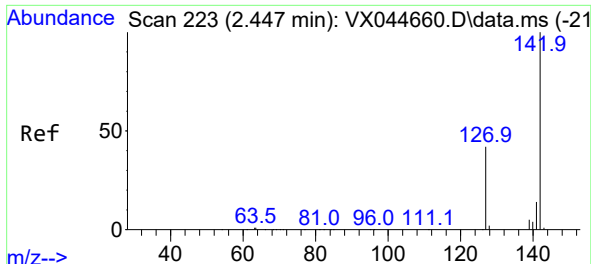


#10  
1,1-Dichloroethene  
Concen: 19.34 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 96 Resp: 26361  
Ion Ratio Lower Upper  
96 100  
61 155.2 121.6 182.4  
98 63.9 50.3 75.5

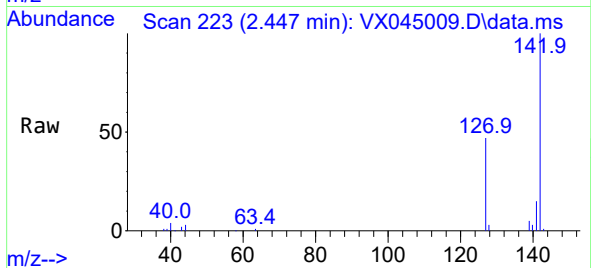






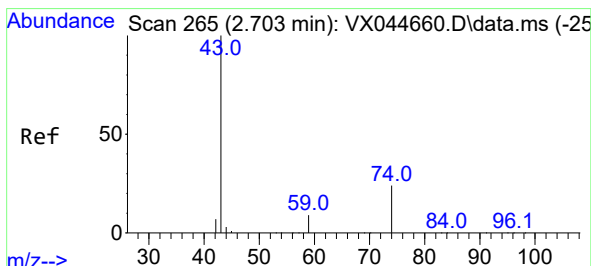
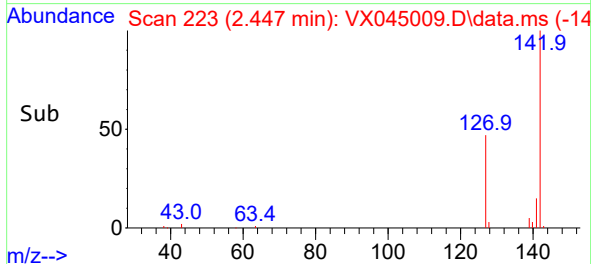
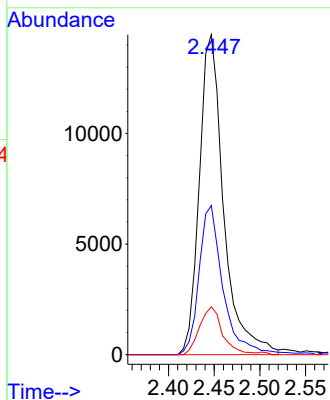
#11  
Methyl Iodide  
Concen: 14.18 ug/l  
RT: 2.447 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion:142 Resp: 26786

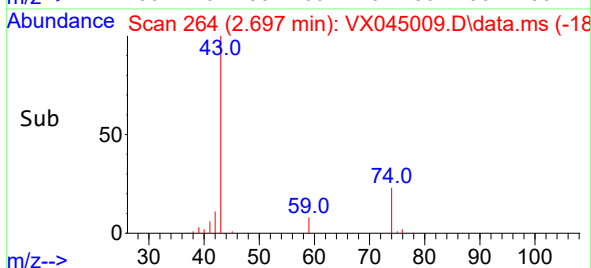
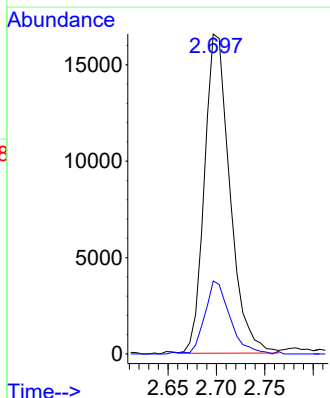
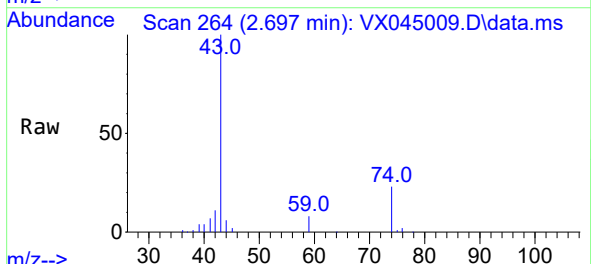
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 46.6  | 20.8  | 62.4  |
| 141 | 15.1  | 7.0   | 20.9  |

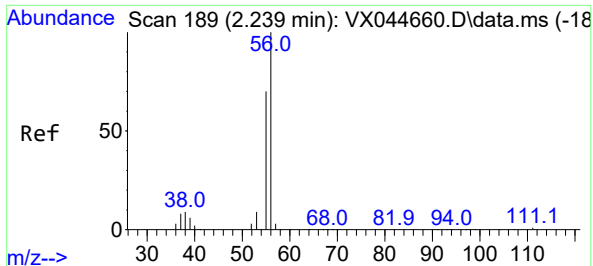


#12  
Methyl Acetate  
Concen: 15.28 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 30401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 74  | 22.4  | 19.4  | 29.2  |

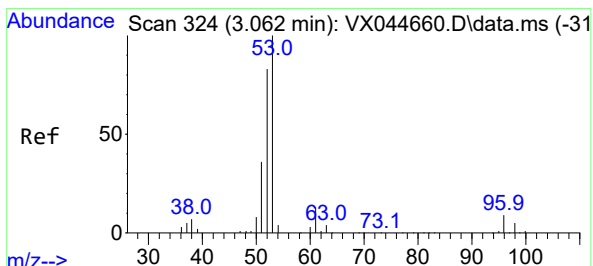
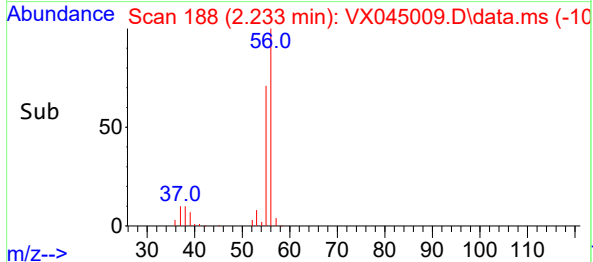
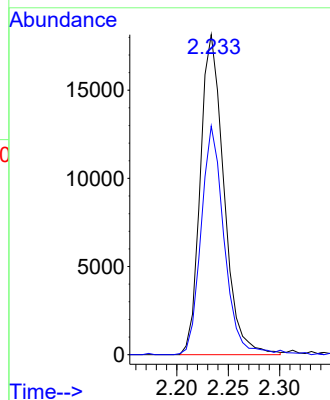
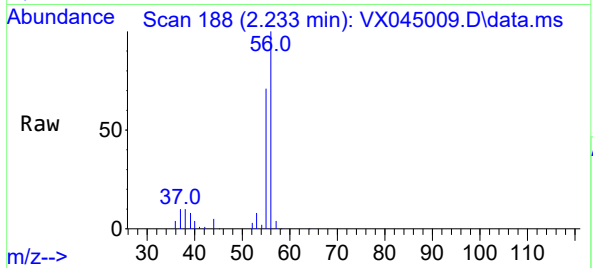




#13  
Acrolein  
Concen: 132.28 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

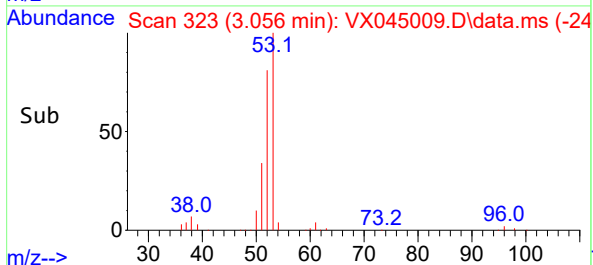
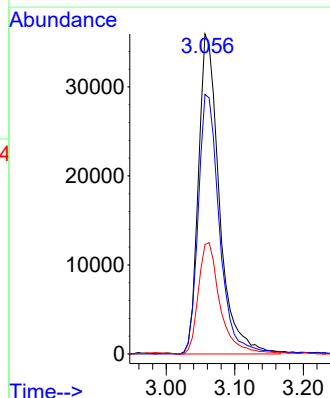
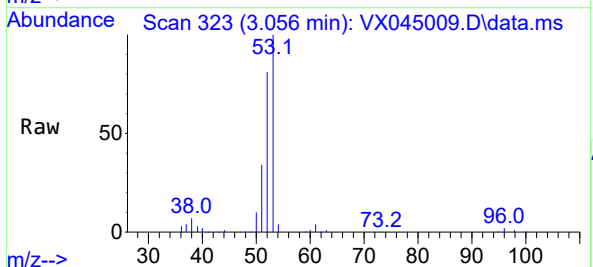
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

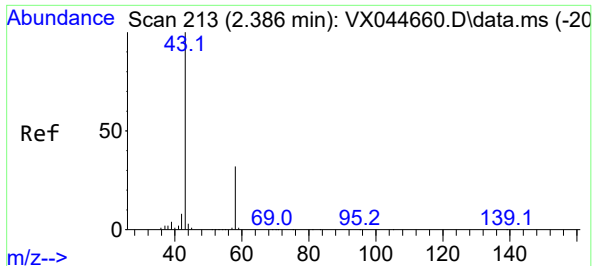
Tgt Ion: 56 Resp: 29114  
Ion Ratio Lower Upper  
56 100  
55 69.3 57.5 86.3



#14  
Acrylonitrile  
Concen: 105.49 ug/l  
RT: 3.056 min Scan# 323  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 53 Resp: 76500  
Ion Ratio Lower Upper  
53 100  
52 81.9 41.4 124.2  
51 36.0 18.1 54.4

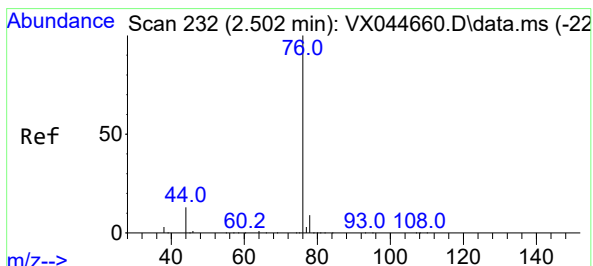
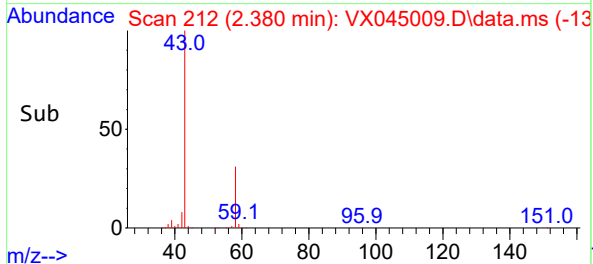
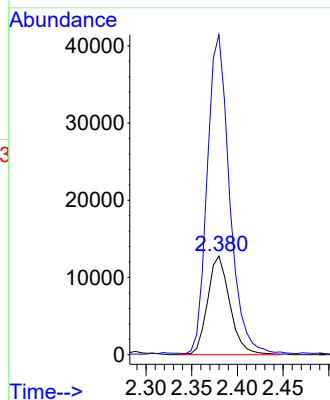
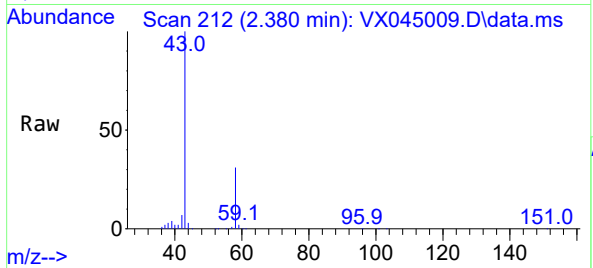




#15  
Acetone  
Concen: 111.24 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

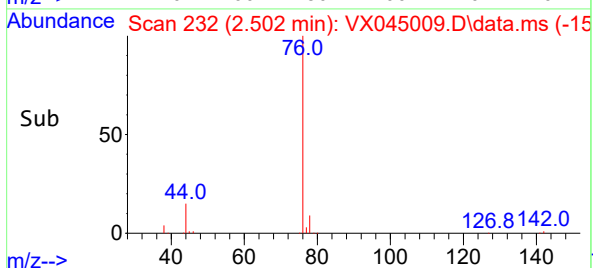
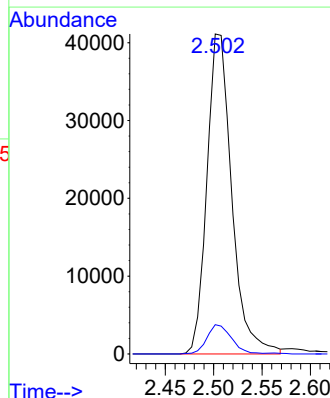
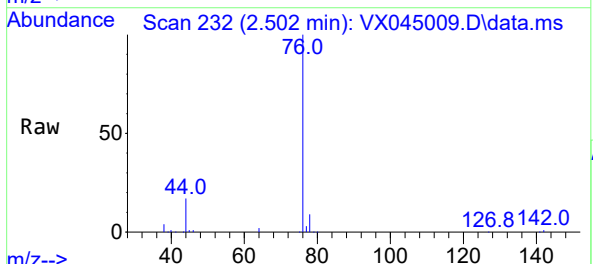
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

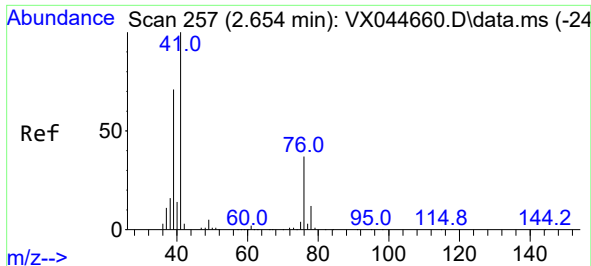
Tgt Ion: 58 Resp: 21647  
Ion Ratio Lower Upper  
58 100  
43 323.3 251.0 376.4



#16  
Carbon Disulfide  
Concen: 19.45 ug/l  
RT: 2.502 min Scan# 232  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 76 Resp: 73699  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

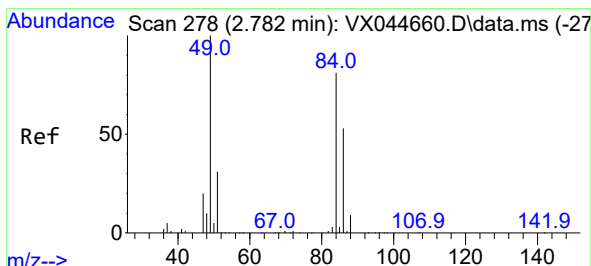
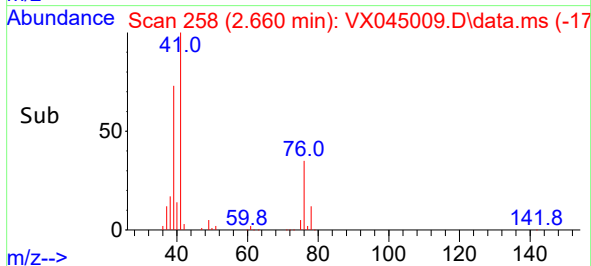
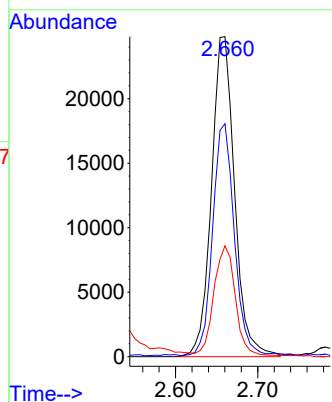
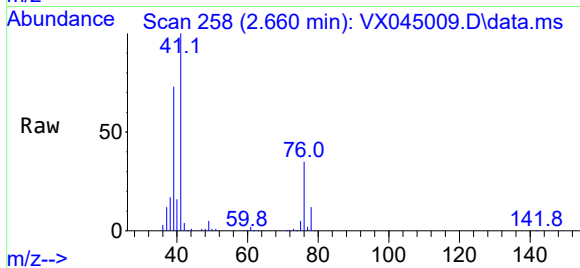




#17  
Allyl chloride  
Concen: 19.77 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

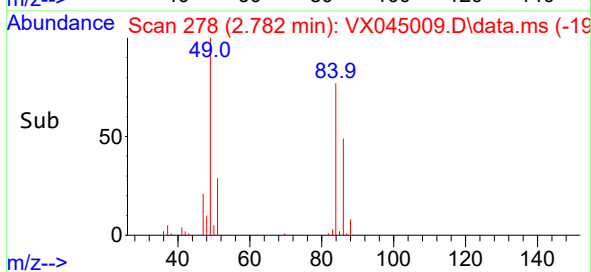
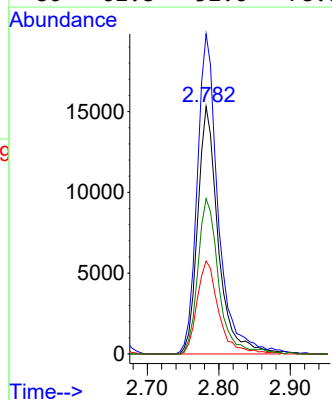
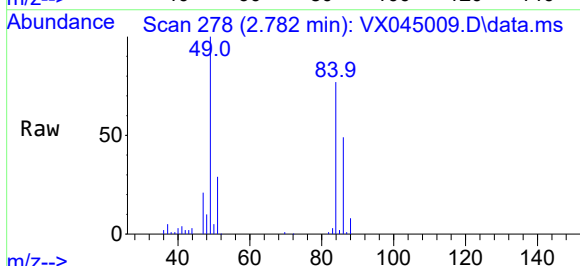
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

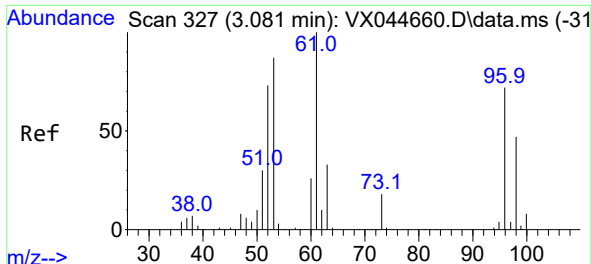
Tgt Ion: 41 Resp: 48603  
Ion Ratio Lower Upper  
41 100  
39 72.4 35.6 106.8  
76 34.3 18.9 56.5



#18  
Methylene Chloride  
Concen: 20.02 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 84 Resp: 30537  
Ion Ratio Lower Upper  
84 100  
49 128.5 98.3 147.5  
51 37.6 30.6 46.0  
86 62.8 52.6 78.8

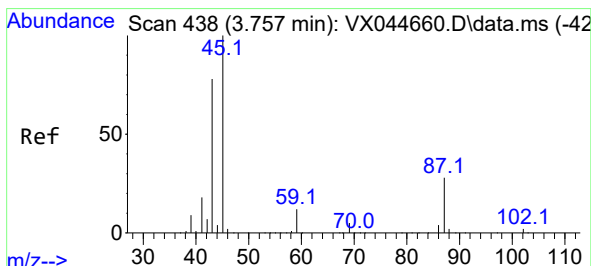
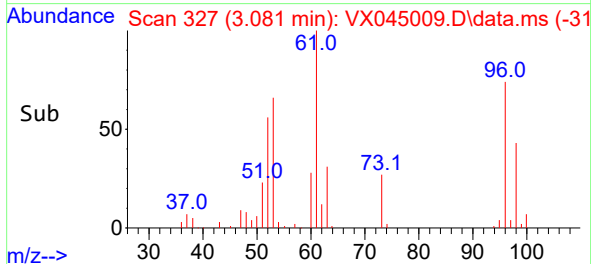
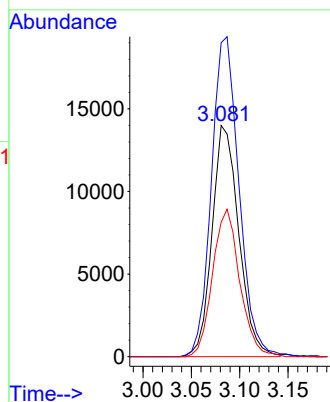
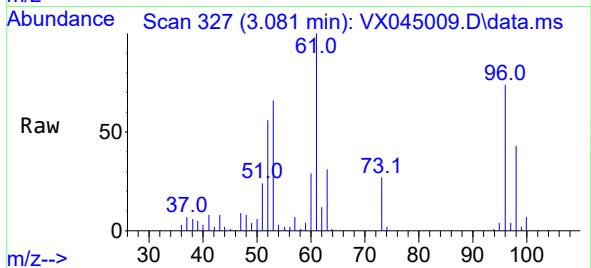




#19  
trans-1,2-Dichloroethene  
Concen: 19.89 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

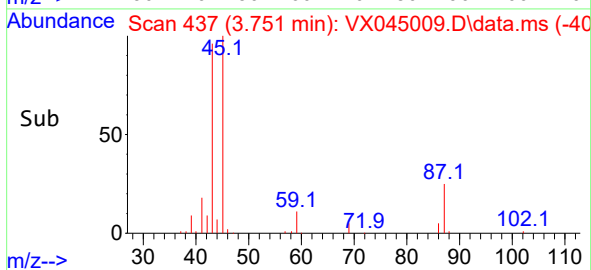
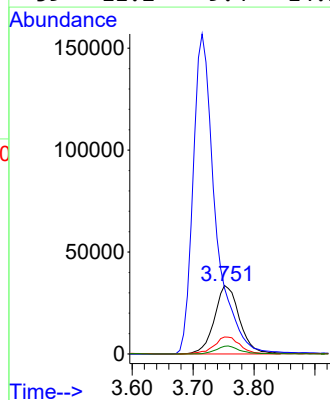
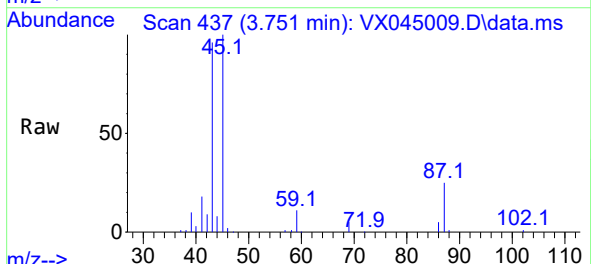
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

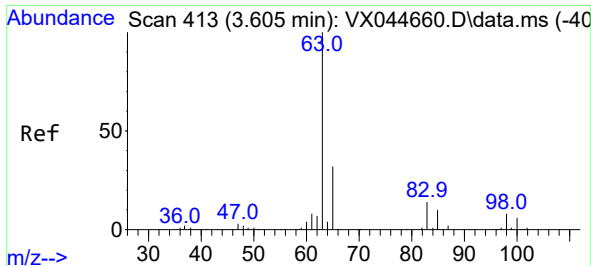
Tgt Ion: 96 Resp: 26955  
Ion Ratio Lower Upper  
96 100  
61 135.8 111.5 167.3  
98 58.1 52.6 79.0



#20  
Diisopropyl ether  
Concen: 21.46 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 45 Resp: 95769  
Ion Ratio Lower Upper  
45 100  
43 93.0 62.6 94.0  
87 24.8 22.7 34.1  
59 11.2 9.4 14.2

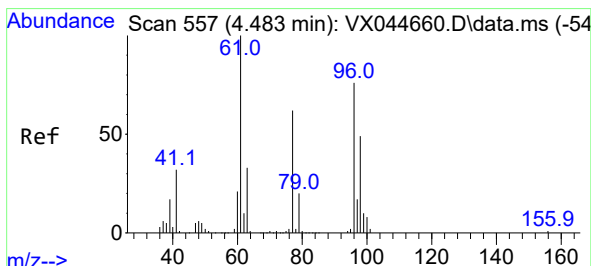
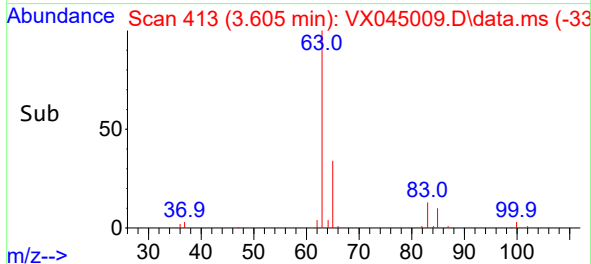
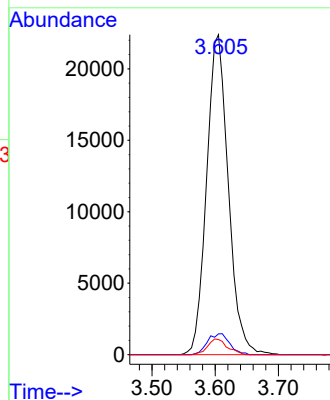
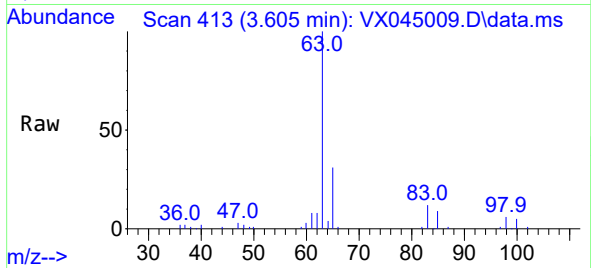




#21  
1,1-Dichloroethane  
Concen: 20.19 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

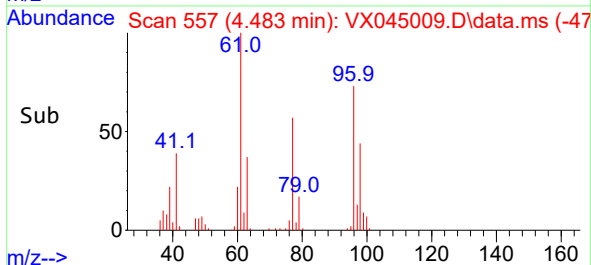
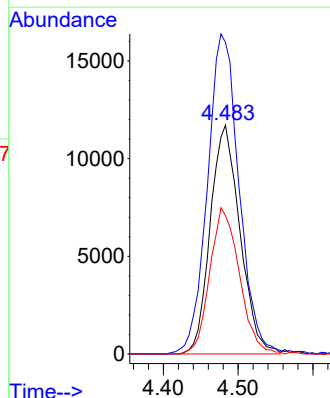
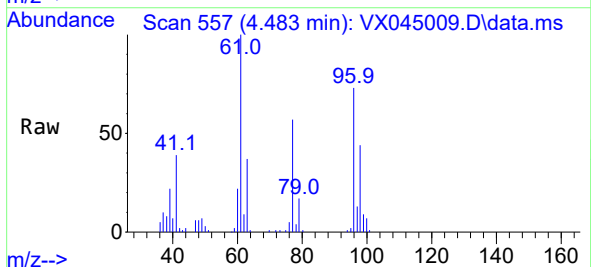
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

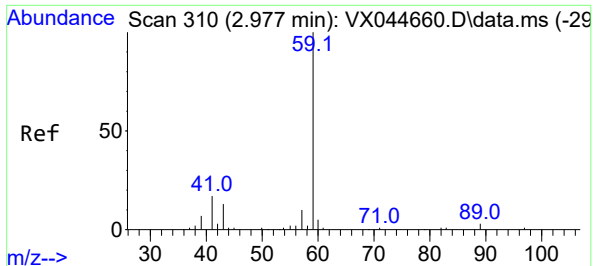
Tgt Ion: 63 Resp: 53432  
Ion Ratio Lower Upper  
63 100  
98 6.5 4.0 11.9  
100 4.7 2.8 8.3



#22  
cis-1,2-Dichloroethene  
Concen: 19.30 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 96 Resp: 32387  
Ion Ratio Lower Upper  
96 100  
61 148.6 115.2 172.8  
98 63.4 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 74.51 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA\_N

ClientSampleId :

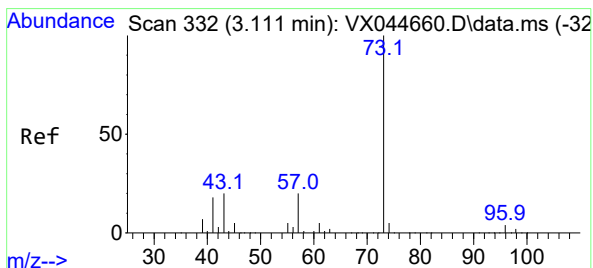
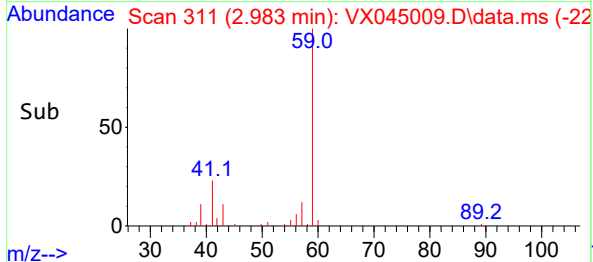
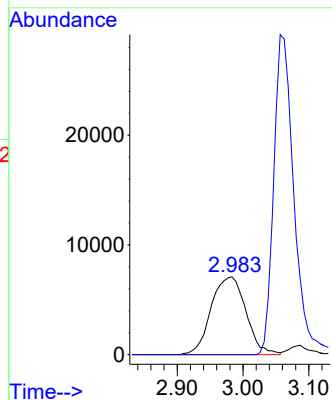
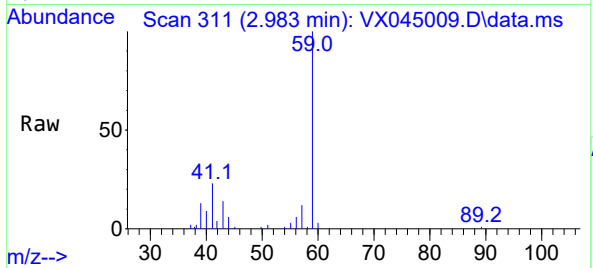
VSTDICCC020

Tgt Ion: 59 Resp: 26136

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.29 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX045009.D

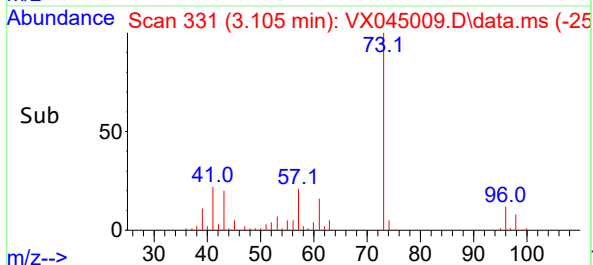
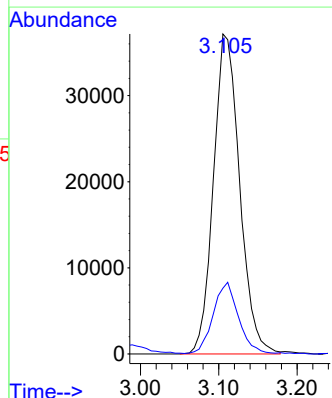
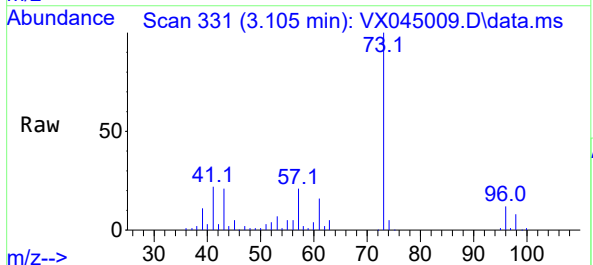
Acq: 21 Feb 2025 10:21

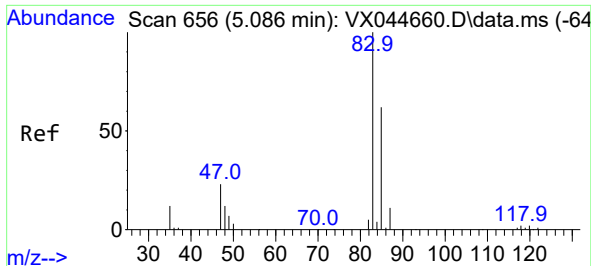
Tgt Ion: 73 Resp: 86386

Ion Ratio Lower Upper

73 100

43 21.7 16.9 25.3





#25

Chloroform

Concen: 19.92 ug/l

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA\_N

ClientSampleId :

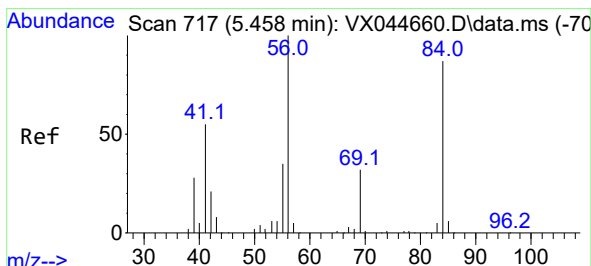
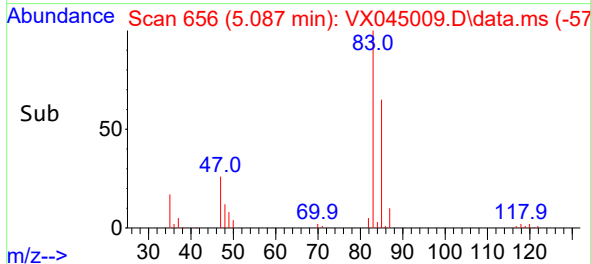
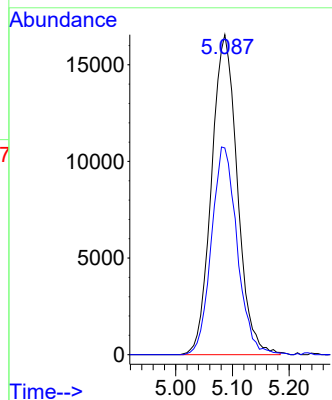
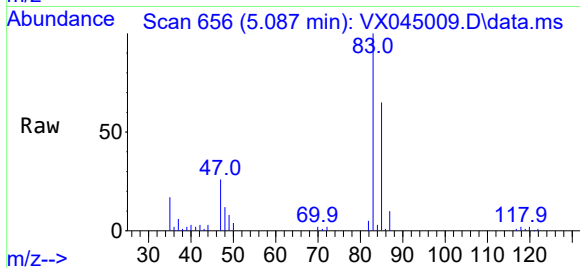
VSTDICCC020

Tgt Ion: 83 Resp: 52389

Ion Ratio Lower Upper

83 100

85 64.6 49.4 74.2



#26

Cyclohexane

Concen: 22.33 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

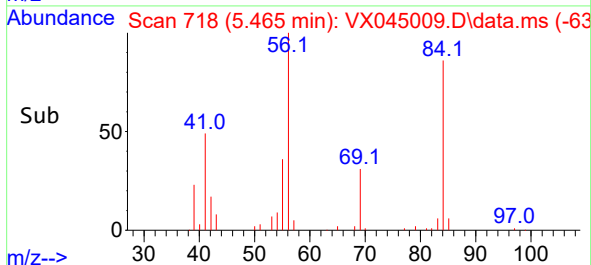
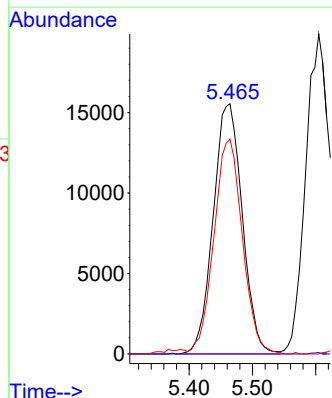
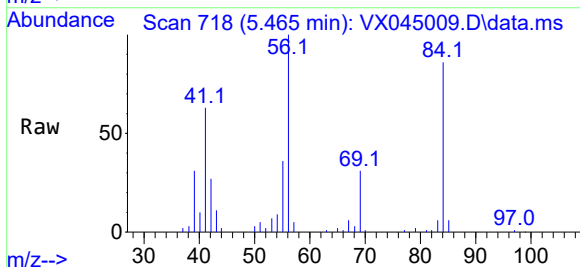
Tgt Ion: 56 Resp: 49670

Ion Ratio Lower Upper

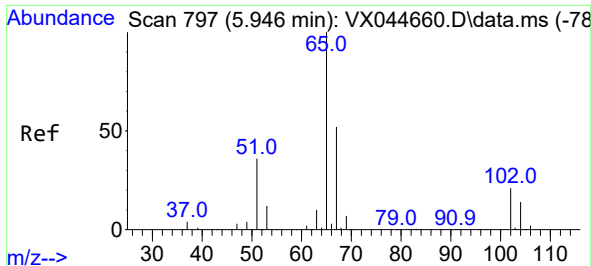
56 100

89 0.0 0.0 0.0

84 83.9 72.2 108.4



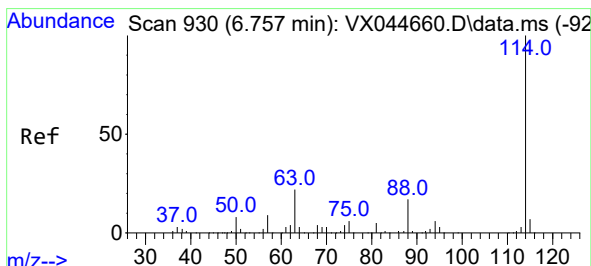
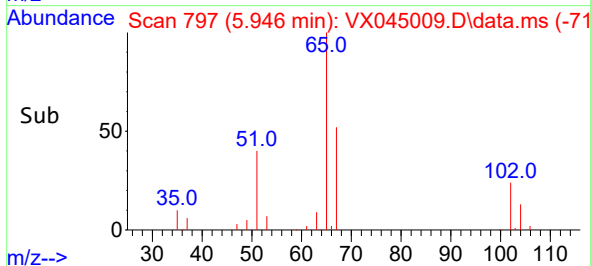
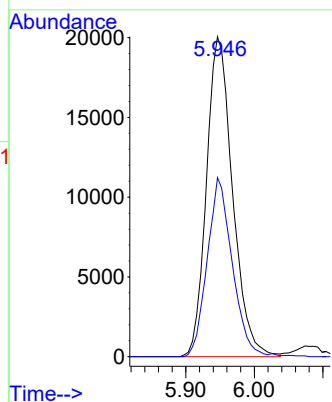
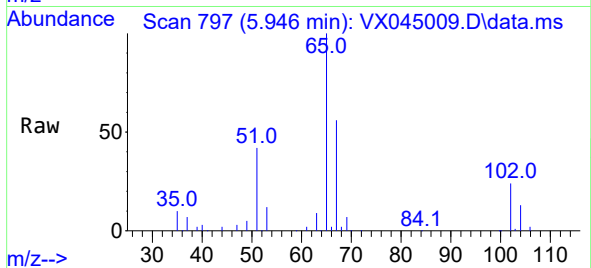




#27  
1,2-Dichloroethane-d4  
Concen: 29.84 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

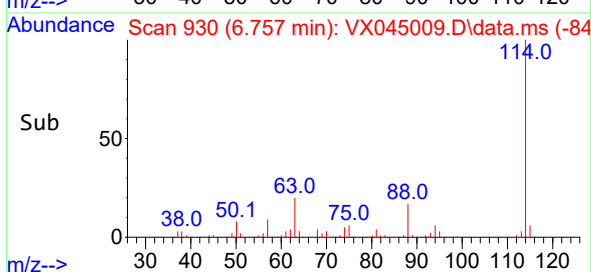
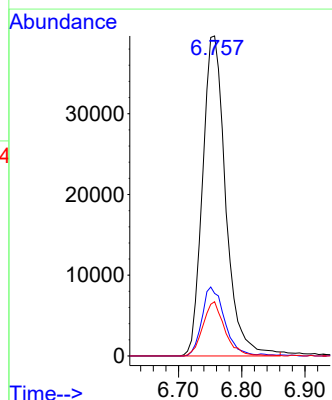
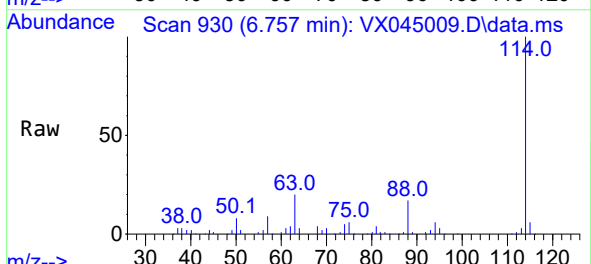
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

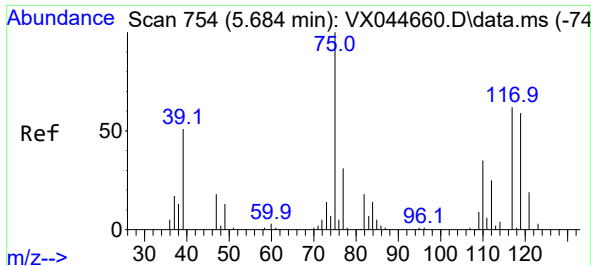
Tgt Ion: 65 Resp: 53173  
Ion Ratio Lower Upper  
65 100  
67 53.3 41.4 62.2



#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 114 Resp: 100876  
Ion Ratio Lower Upper  
114 100  
63 21.0 16.6 24.8  
88 15.9 13.4 20.2

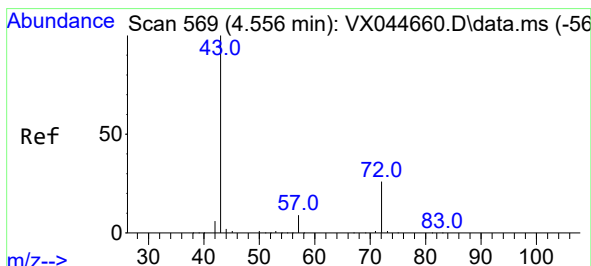
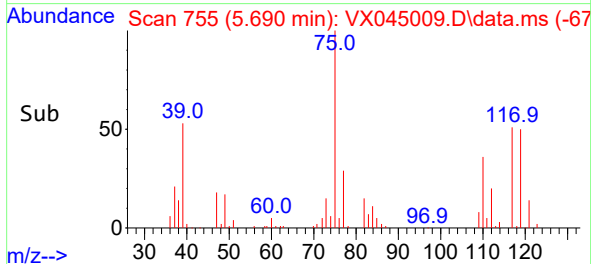
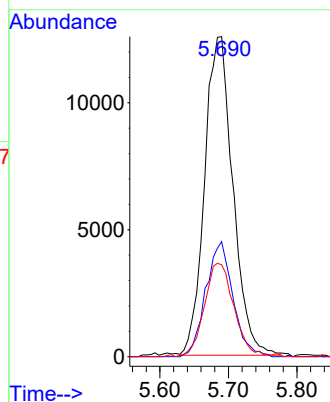
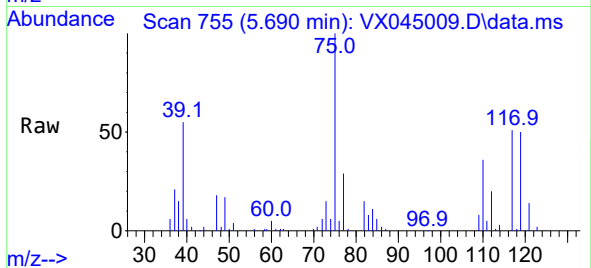




#29  
1,1-Dichloropropene  
Concen: 20.58 ug/l  
RT: 5.690 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

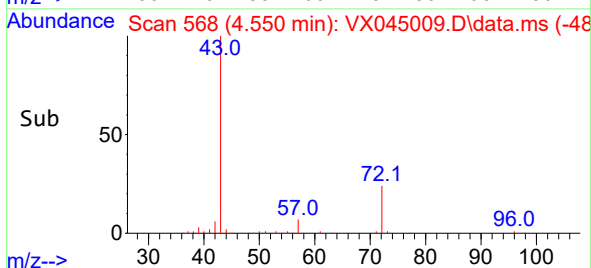
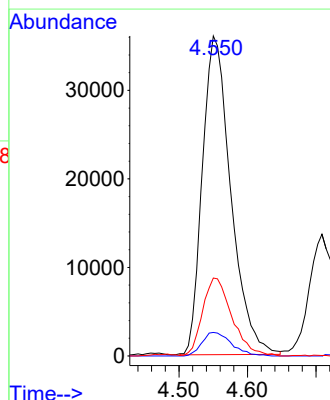
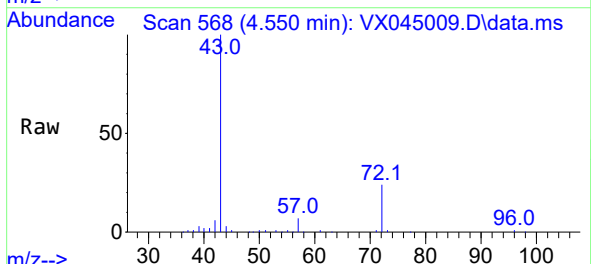
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

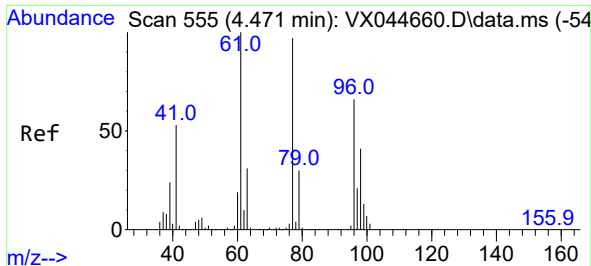
Tgt Ion: 75 Resp: 36104  
Ion Ratio Lower Upper  
75 100  
110 34.6 0.0 69.4  
77 30.5 0.0 59.8



#30  
2-Butanone  
Concen: 108.17 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 104263  
Ion Ratio Lower Upper  
43 100  
57 7.7 6.4 9.6  
72 25.2 21.5 32.3

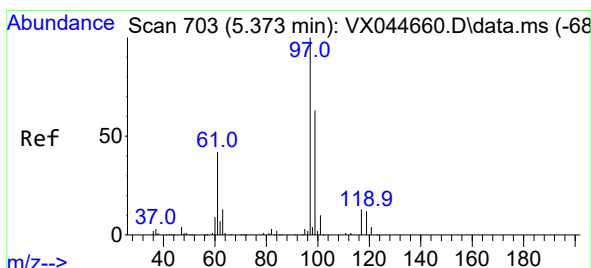
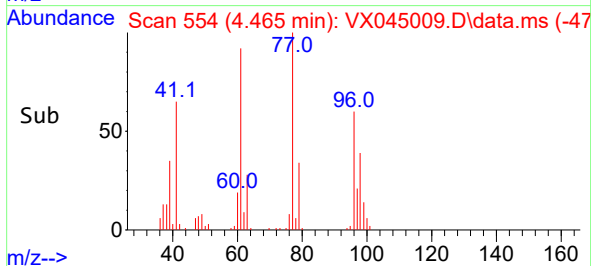
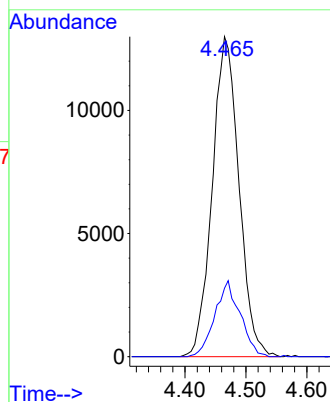
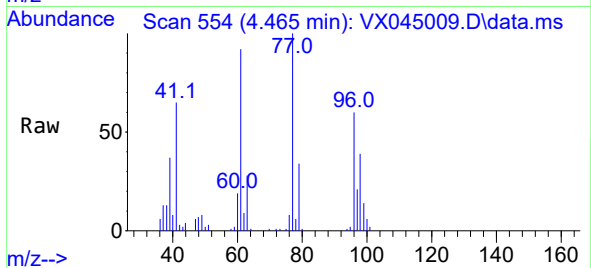




#31  
2,2-Dichloropropane  
Concen: 16.27 ug/l  
RT: 4.465 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

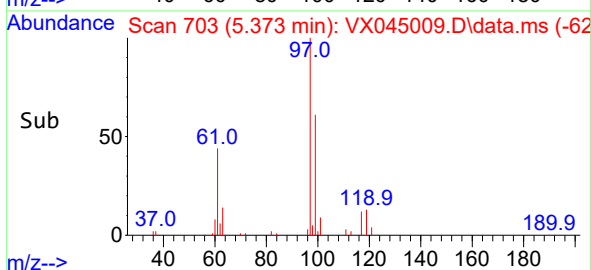
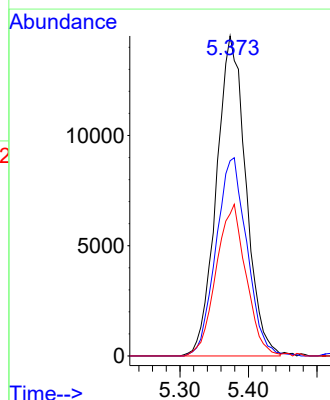
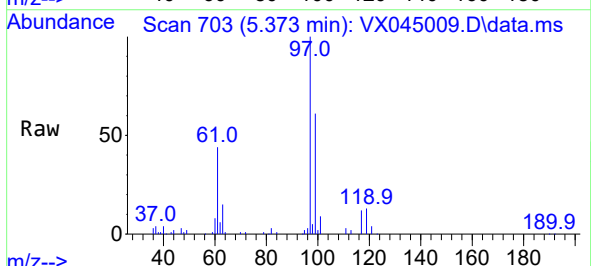
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

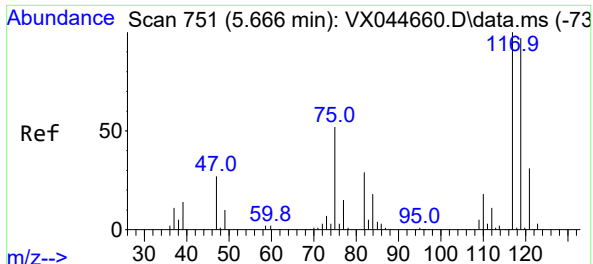
Tgt Ion: 77 Resp: 39511  
Ion Ratio Lower Upper  
77 100  
97 22.5 18.6 27.8



#32  
1,1,1-Trichloroethane  
Concen: 18.63 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 97 Resp: 43317  
Ion Ratio Lower Upper  
97 100  
99 65.2 50.5 75.7  
61 48.1 34.6 51.8

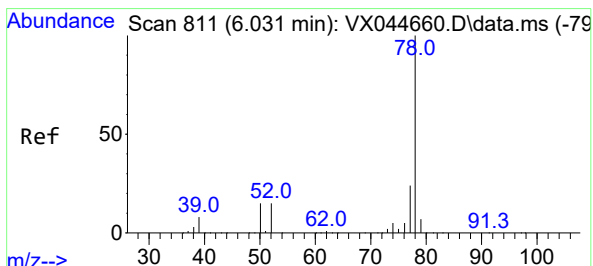
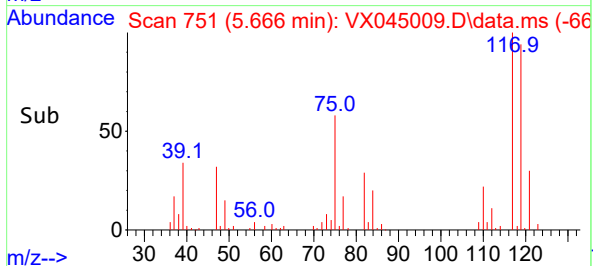
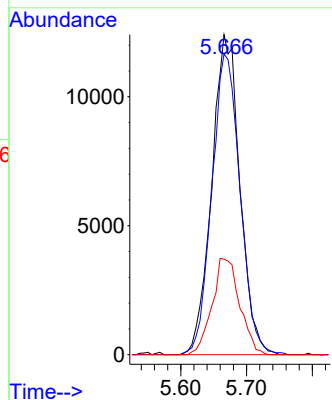
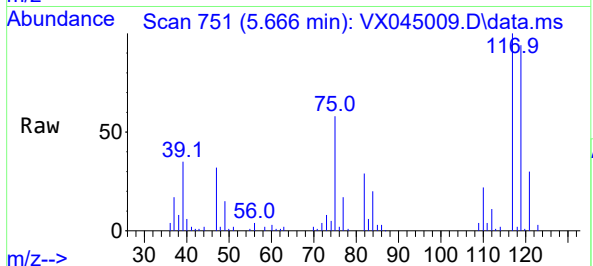




#33  
Carbon Tetrachloride  
Concen: 18.79 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

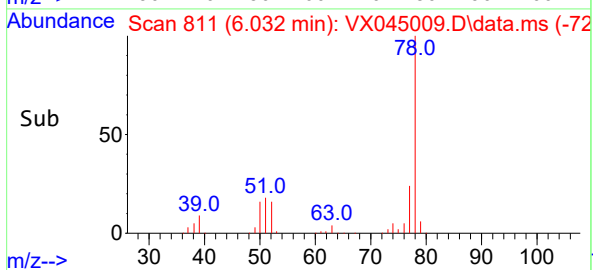
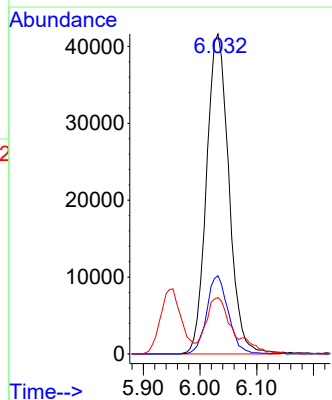
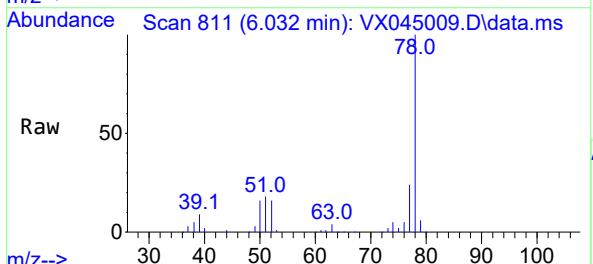
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

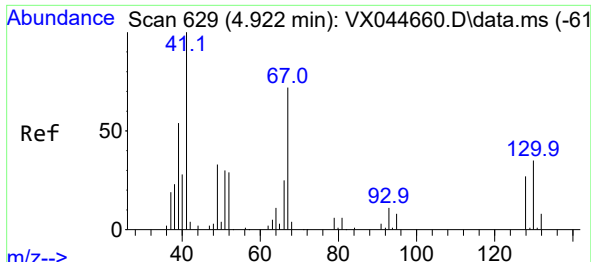
Tgt Ion:117 Resp: 36851  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.3 115.9  
121 29.9 24.6 37.0



#34  
Benzene  
Concen: 20.38 ug/l  
RT: 6.032 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 78 Resp: 114107  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.3 28.9  
51 17.2 12.7 19.1

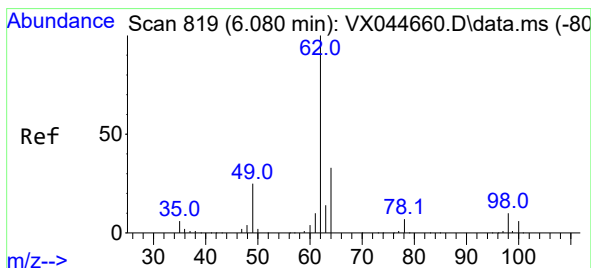
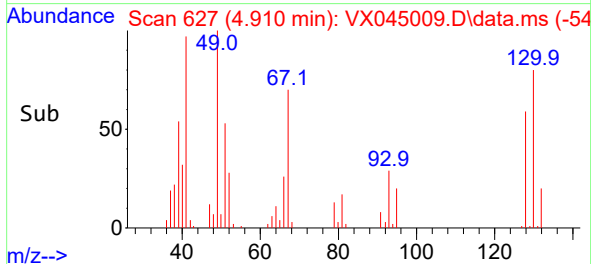
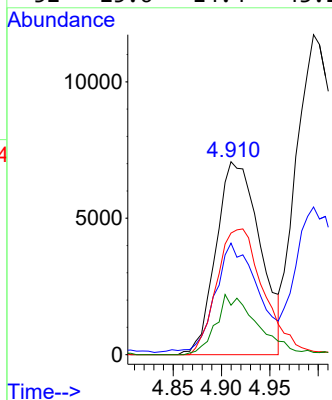
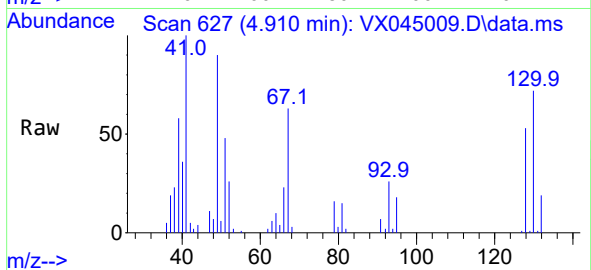




#35  
Methacrylonitrile  
Concen: 20.77 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

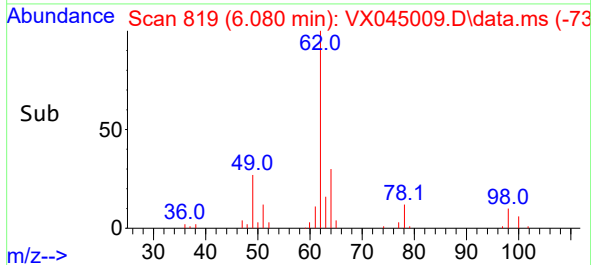
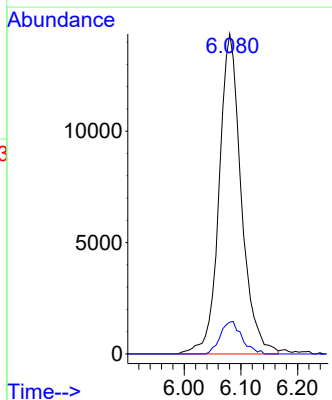
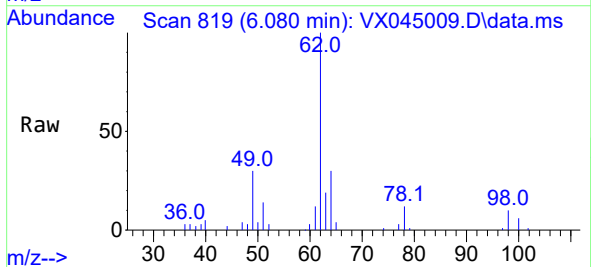
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

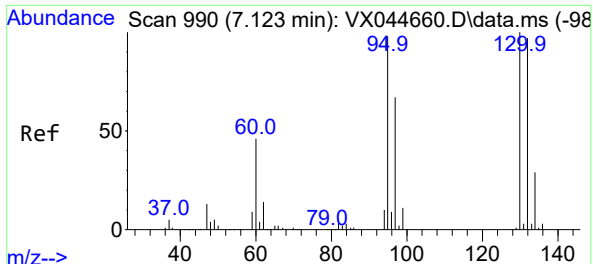
Tgt Ion: 41 Resp: 22376  
Ion Ratio Lower Upper  
41 100  
39 55.6 27.1 81.3  
67 63.0 35.8 107.4  
52 25.6 14.4 43.2



#36  
1,2-Dichloroethane  
Concen: 19.51 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 62 Resp: 39058  
Ion Ratio Lower Upper  
62 100  
98 9.9 7.4 11.2





#37

Trichloroethene

Concen: 19.90 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA\_N

ClientSampleId :

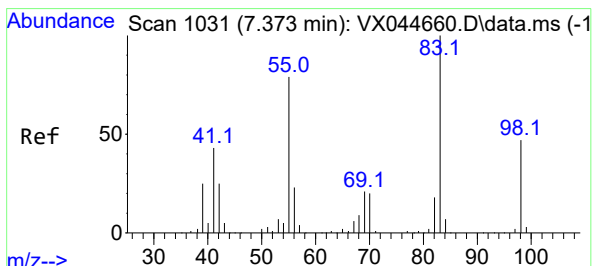
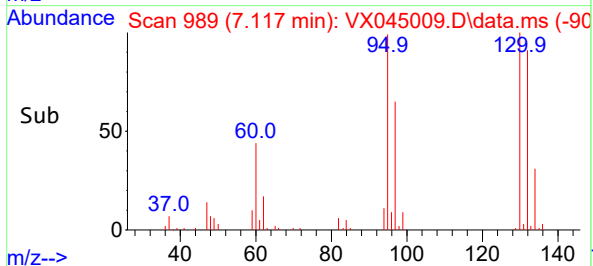
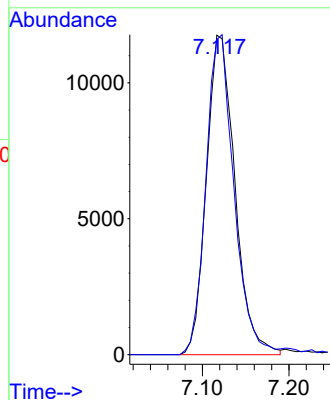
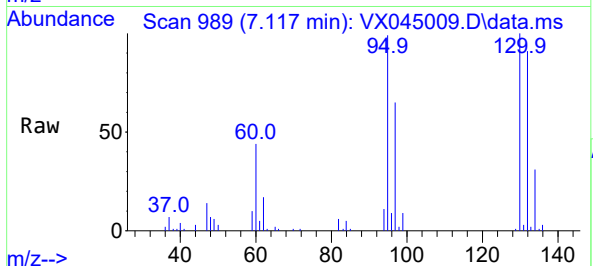
VSTDICCC020

Tgt Ion:130 Resp: 26892

Ion Ratio Lower Upper

130 100

95 98.7 78.2 117.4



#38

Methylcyclohexane

Concen: 19.75 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

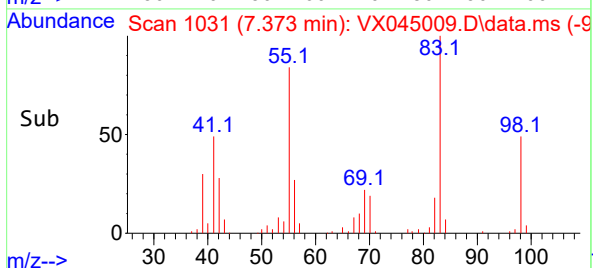
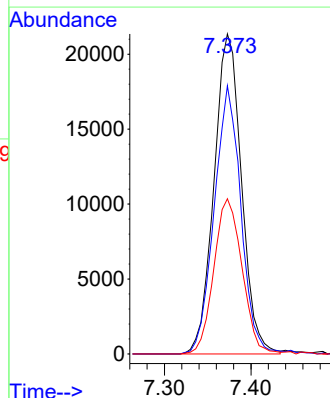
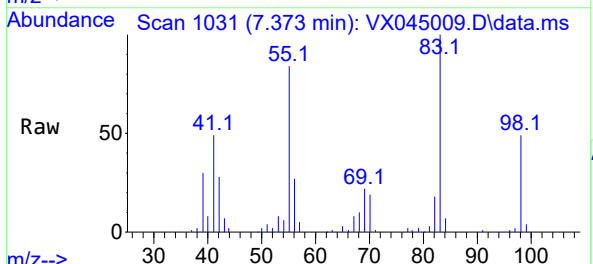
Tgt Ion: 83 Resp: 47088

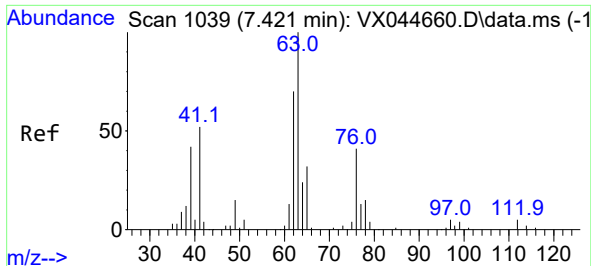
Ion Ratio Lower Upper

83 100

55 81.3 38.4 115.2

98 49.7 24.4 73.4

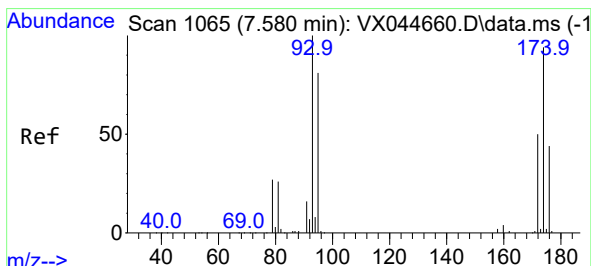
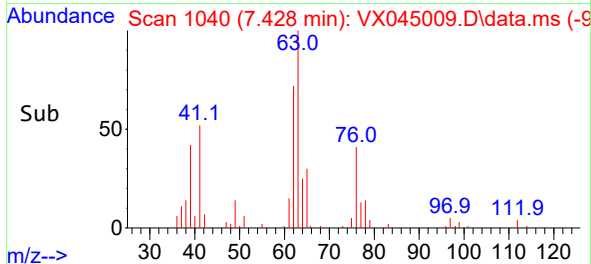
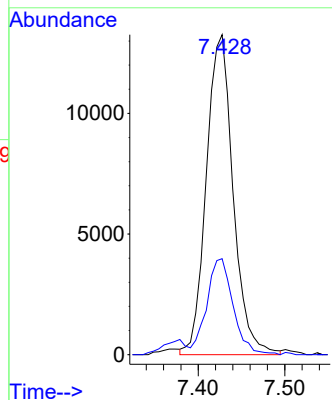
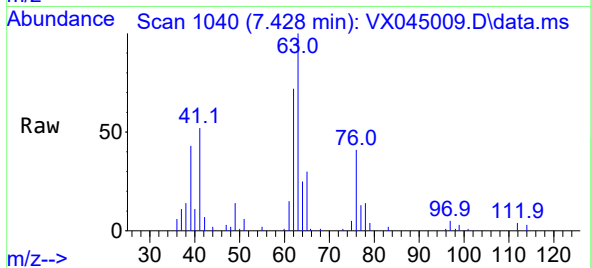




#39  
1,2-Dichloropropane  
Concen: 20.46 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

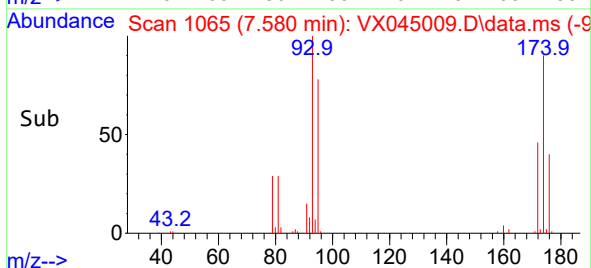
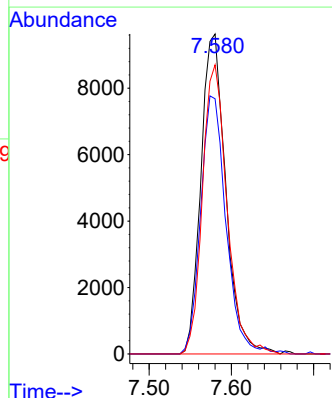
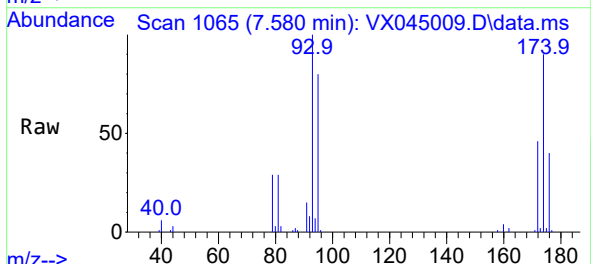
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ClientSampleId :  
VSTDICCC020

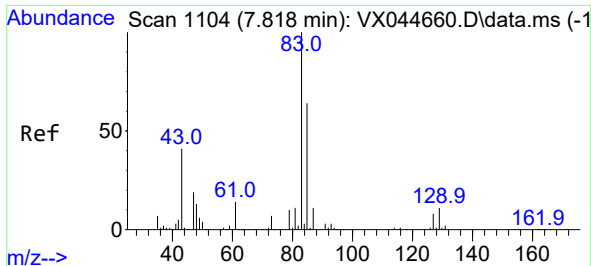
Tgt Ion: 63 Resp: 28555  
Ion Ratio Lower Upper  
63 100  
65 30.4 25.5 38.3



#40  
Dibromomethane  
Concen: 19.52 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 93 Resp: 20254  
Ion Ratio Lower Upper  
93 100  
95 81.3 0.0 167.0  
174 89.4 0.0 182.0

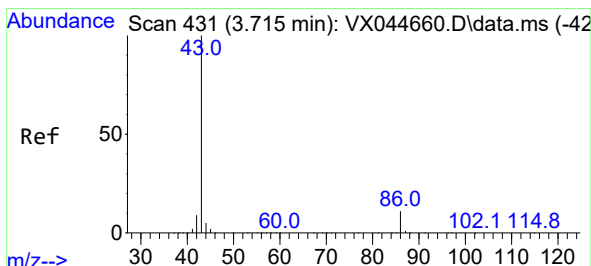
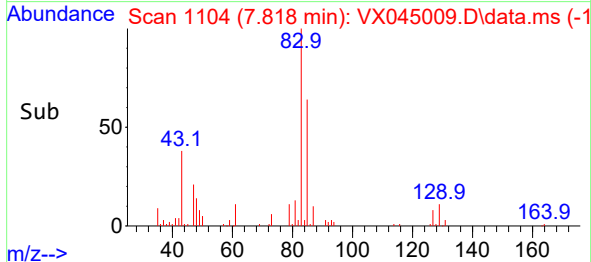
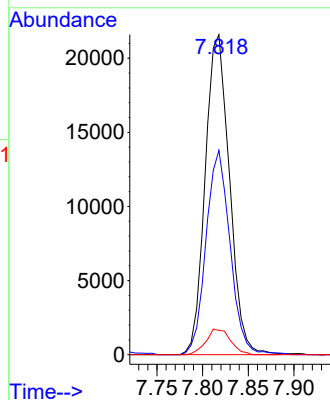
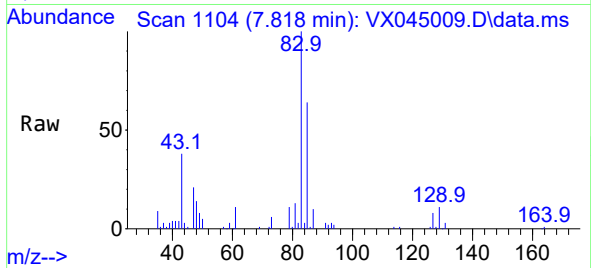




#41  
Bromodichloromethane  
Concen: 18.62 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

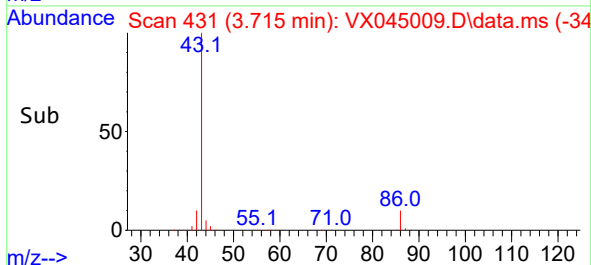
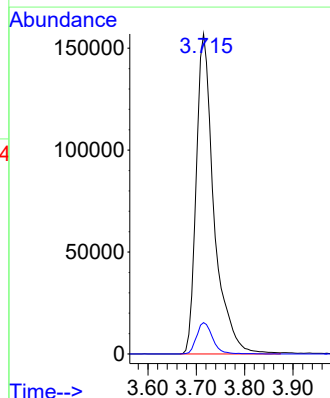
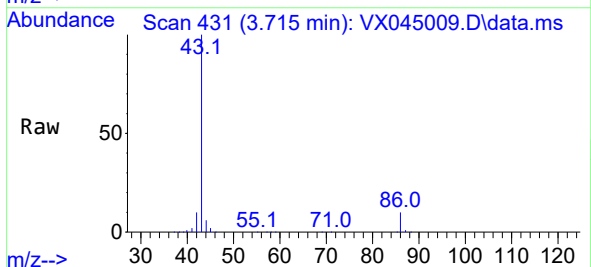
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 39895  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3  
127 7.6 6.5 9.7

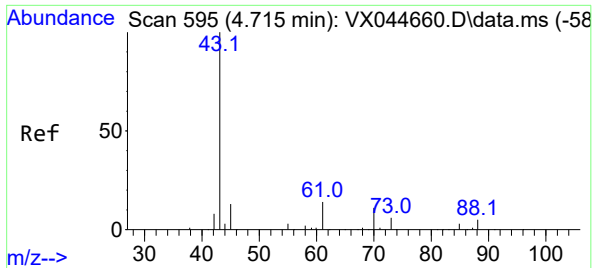


#42  
Vinyl Acetate  
Concen: 104.55 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 400180  
Ion Ratio Lower Upper  
43 100  
86 8.7 8.0 12.0







#43

Ethyl Acetate

Concen: 20.57 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA\_N

ClientSampleId :

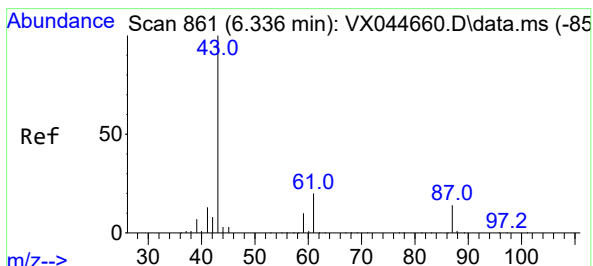
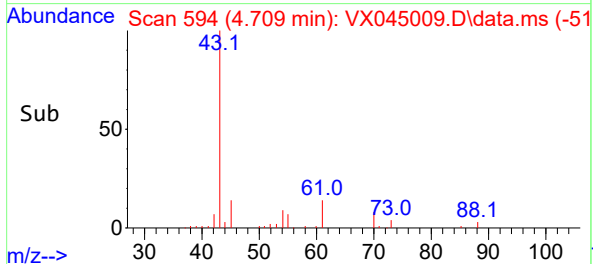
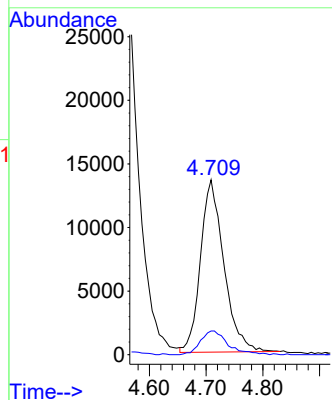
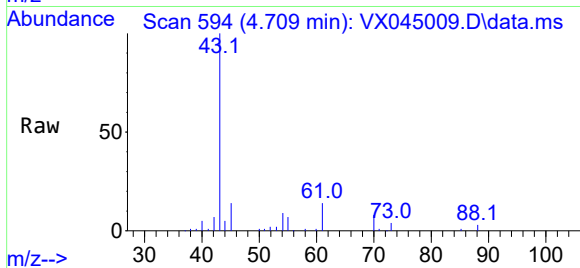
VSTDICCC020

Tgt Ion: 43 Resp: 38893

Ion Ratio Lower Upper

43 100

45 15.9 0.1 0.1#



#44

Isopropyl Acetate

Concen: 18.16 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX045009.D

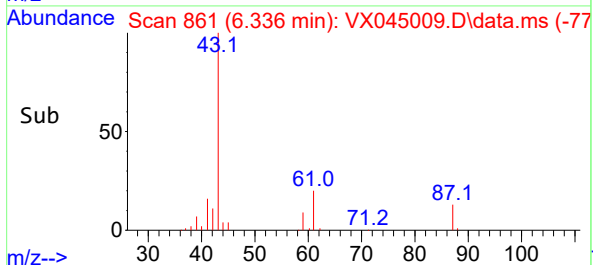
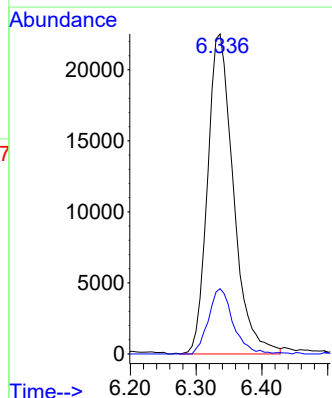
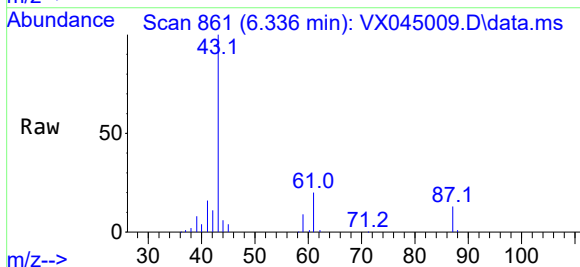
Acq: 21 Feb 2025 10:21

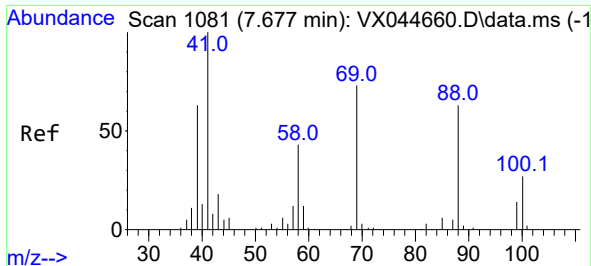
Tgt Ion: 43 Resp: 61693

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.4

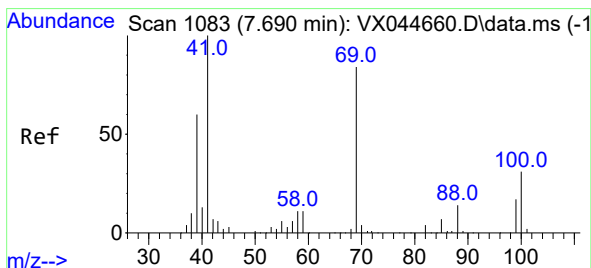
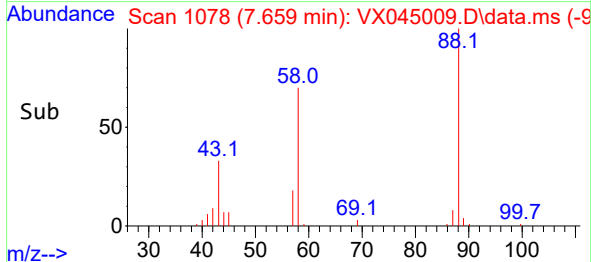
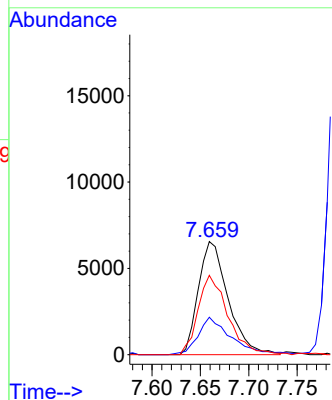
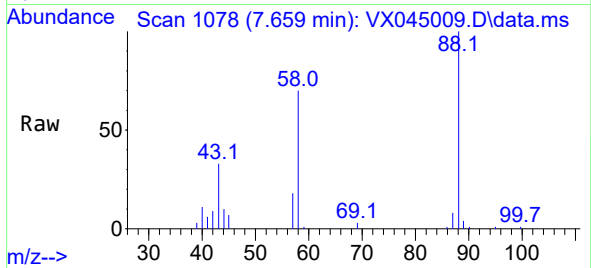




#45  
1,4-Dioxane  
Concen: 433.71 ug/l  
RT: 7.659 min Scan# 1081  
Delta R.T. -0.018 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

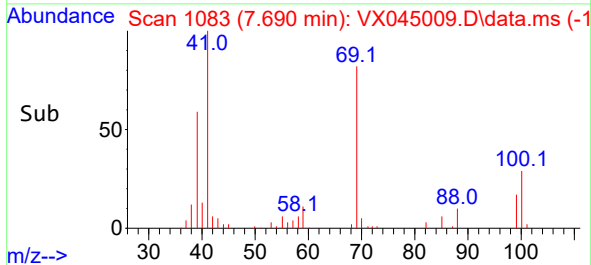
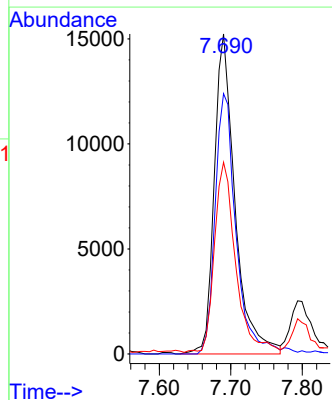
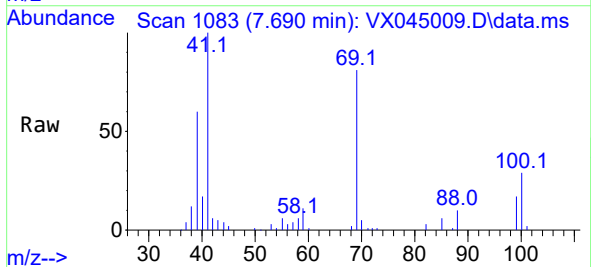
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

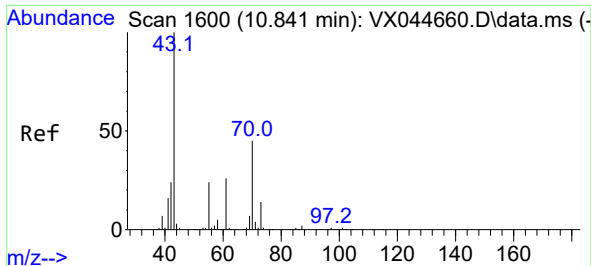
Tgt Ion: 88 Resp: 14028  
Ion Ratio Lower Upper  
88 100  
43 37.0 25.9 38.9  
58 70.3 58.9 88.3



#46  
Methyl methacrylate  
Concen: 18.44 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 41 Resp: 30666  
Ion Ratio Lower Upper  
41 100  
69 81.4 41.9 125.7  
39 59.0 30.1 90.3

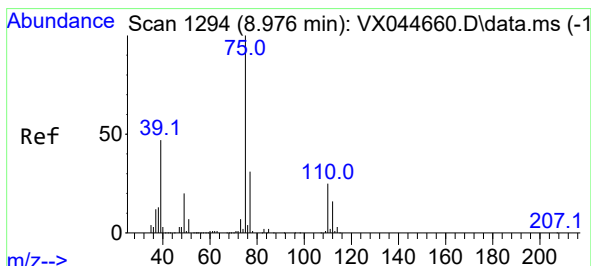
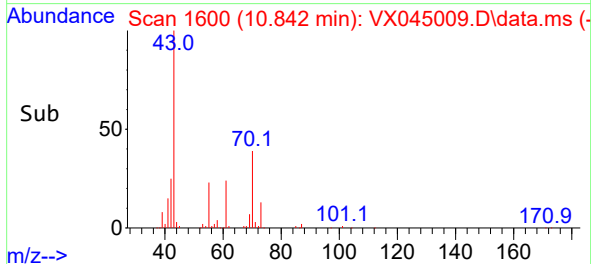
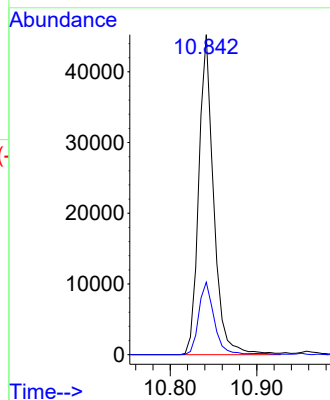
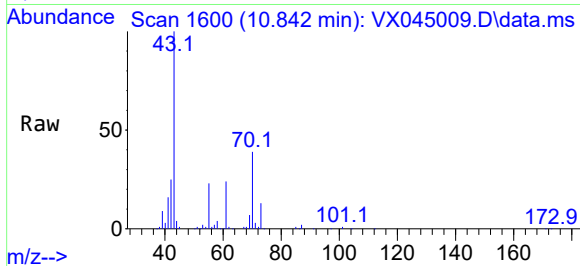




#47  
n-amy1 Acetate  
Concen: 18.95 ug/l  
RT: 10.842 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

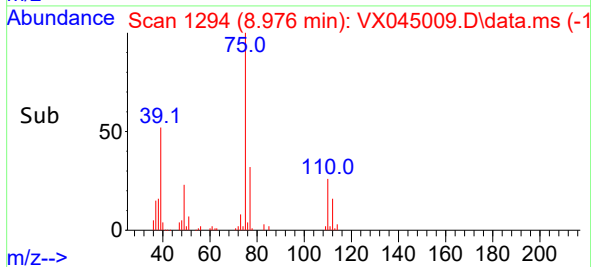
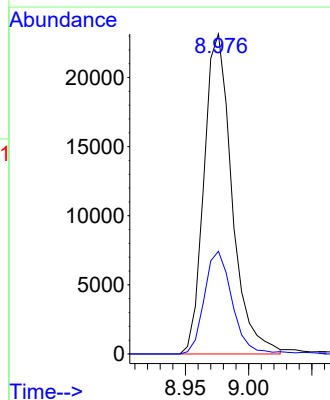
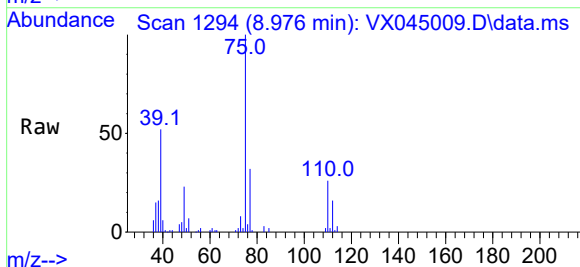
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

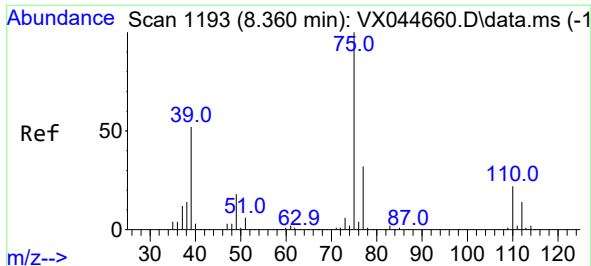
Tgt Ion: 43 Resp: 54008  
Ion Ratio Lower Upper  
43 100  
55 23.2 18.9 28.3



#48  
t-1,3-Dichloropropene  
Concen: 15.76 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 75 Resp: 35645  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 17.61 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

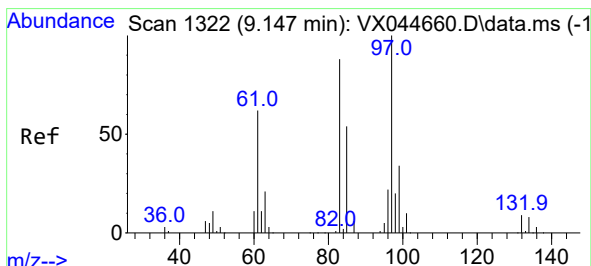
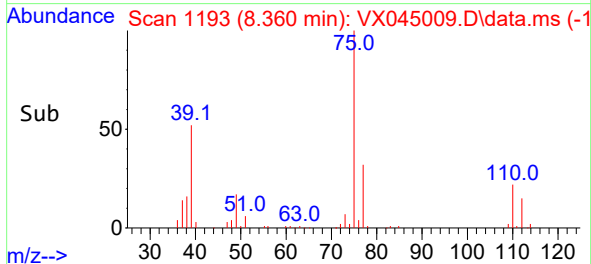
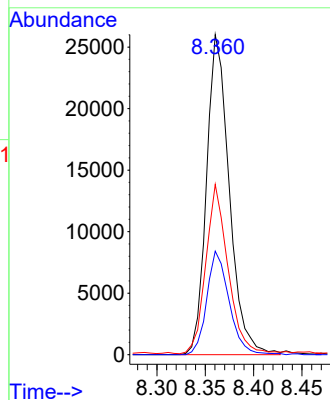
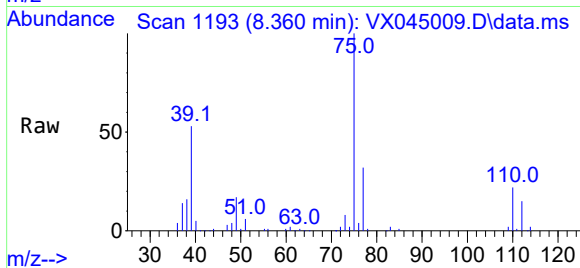
Tgt Ion: 75 Resp: 42718

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 52.9 41.4 62.0



#50

1,1,2-Trichloroethane

Concen: 20.31 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Tgt Ion: 97 Resp: 27147

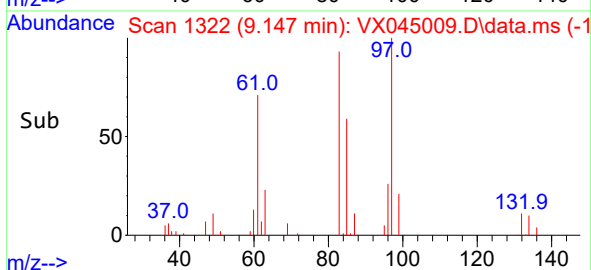
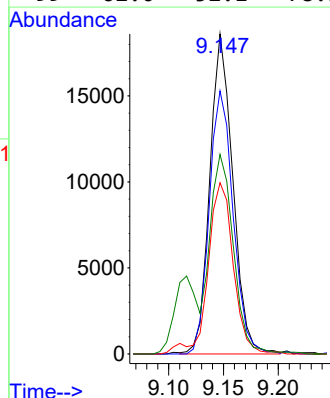
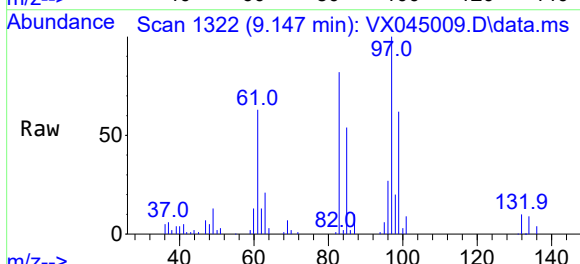
Ion Ratio Lower Upper

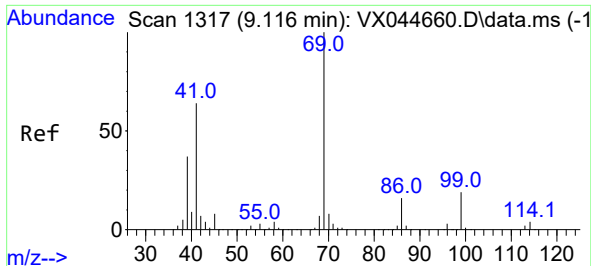
97 100

83 82.5 69.2 103.8

85 53.1 44.8 67.2

99 62.0 52.1 78.1

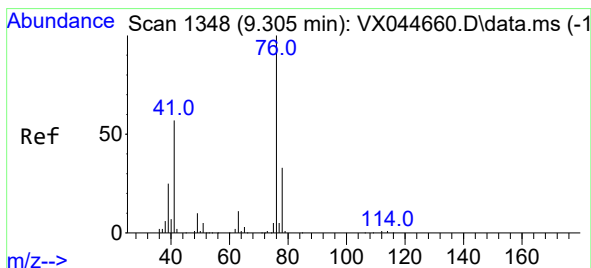
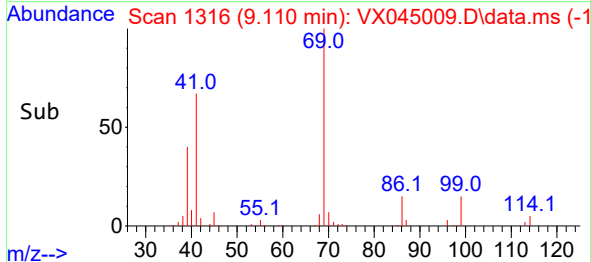
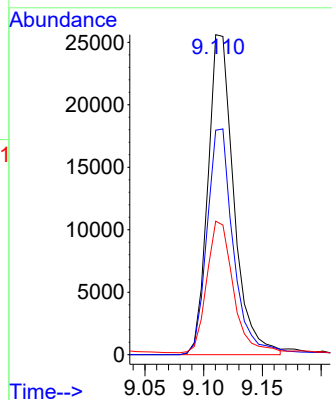
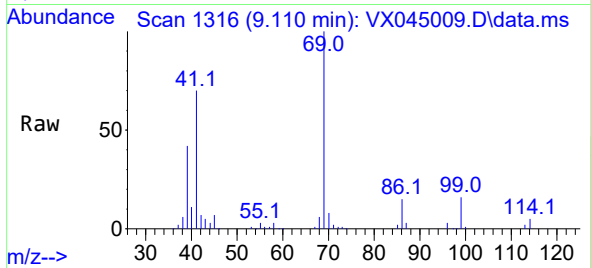




#51  
Ethyl methacrylate  
Concen: 16.96 ug/l  
RT: 9.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

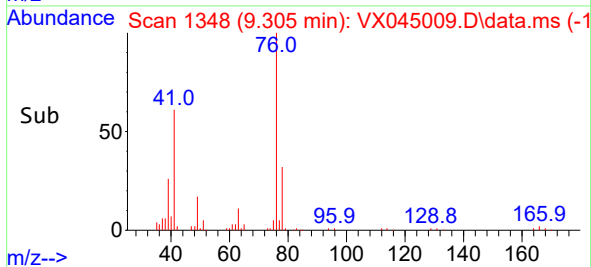
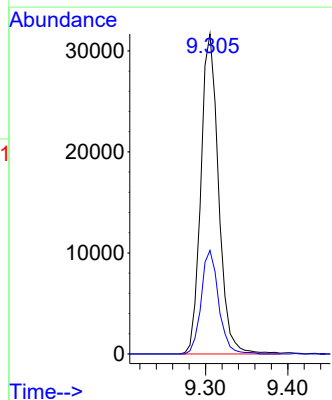
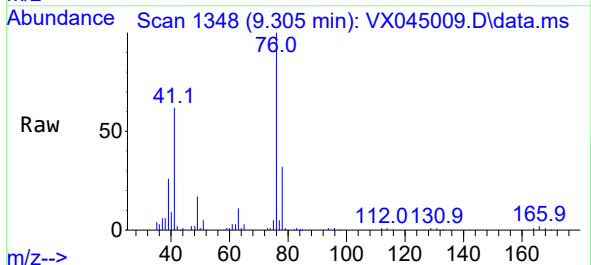
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

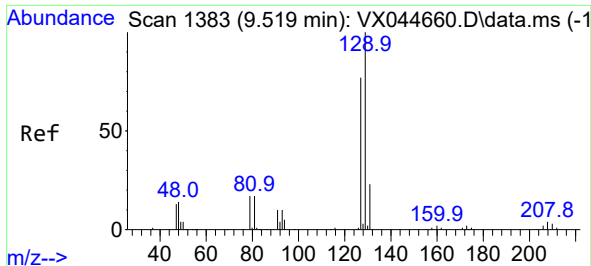
Tgt Ion: 69 Resp: 39389  
Ion Ratio Lower Upper  
69 100  
41 70.2 32.0 96.0  
39 41.1 18.6 55.6



#52  
1,3-Dichloropropane  
Concen: 20.49 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 76 Resp: 47373  
Ion Ratio Lower Upper  
76 100  
78 31.8 0.0 64.0

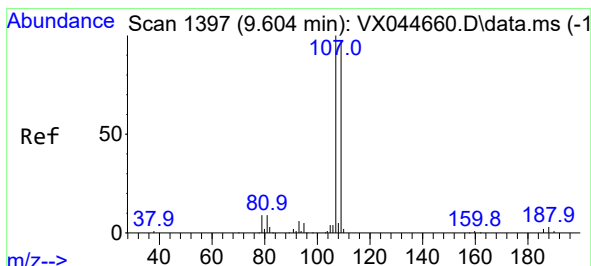
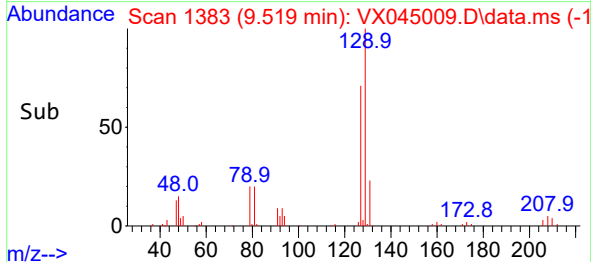
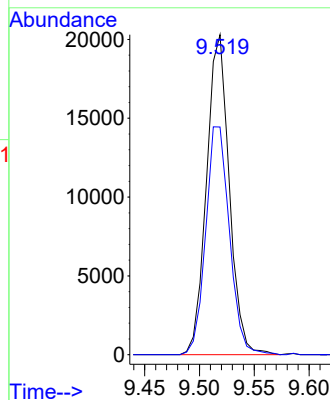
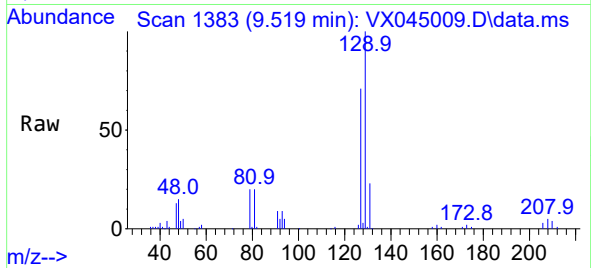




#53  
Dibromochloromethane  
Concen: 18.34 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

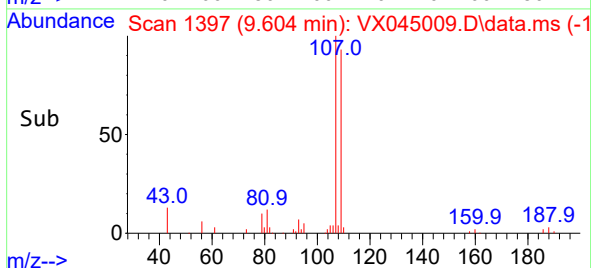
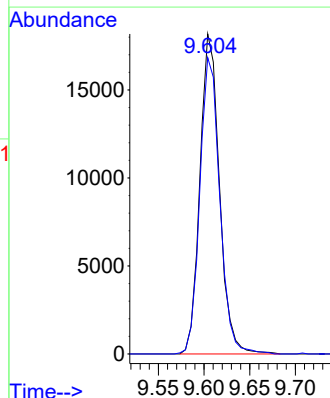
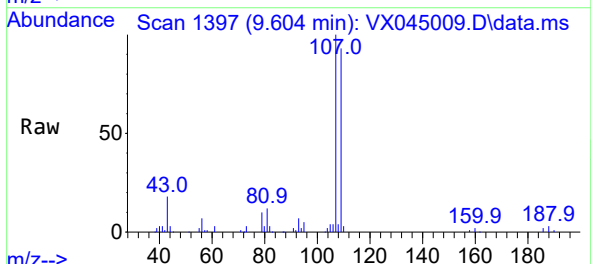
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

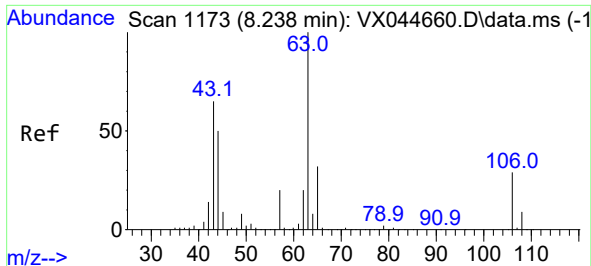
Tgt Ion:129 Resp: 29289  
Ion Ratio Lower Upper  
129 100  
127 74.6 37.8 113.4



#54  
1,2-Dibromoethane  
Concen: 19.07 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:107 Resp: 26948  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.5 113.3

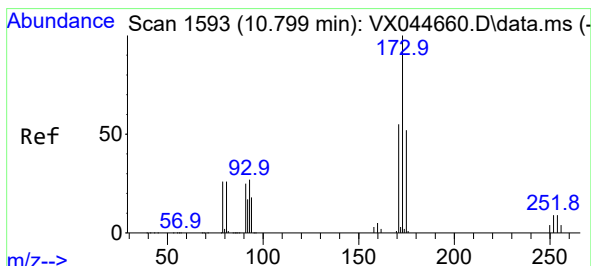
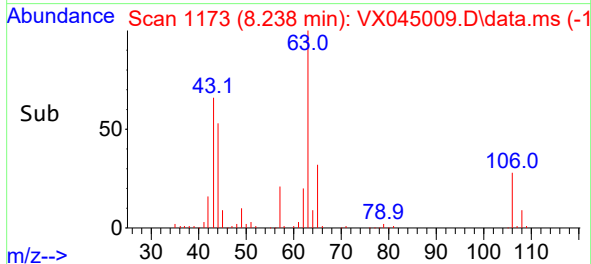
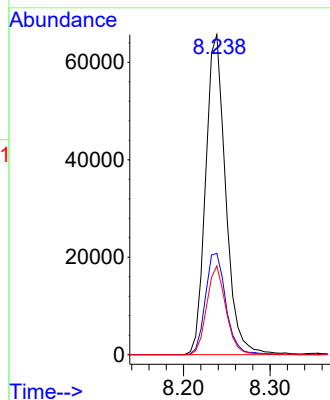
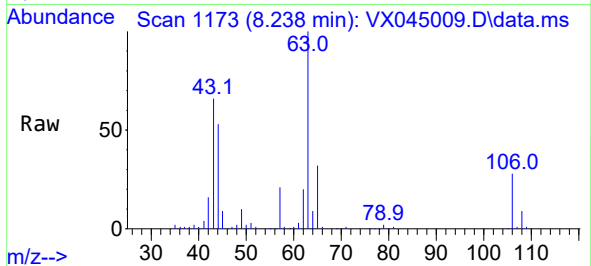




#55  
2-Chloroethyl vinyl ether  
Concen: 93.75 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

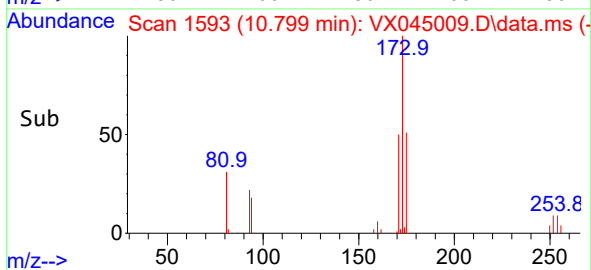
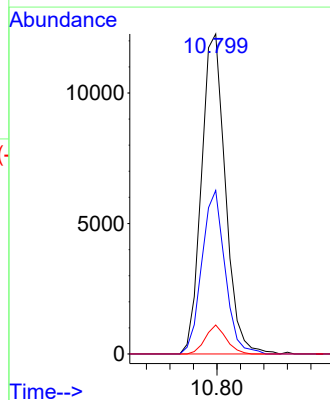
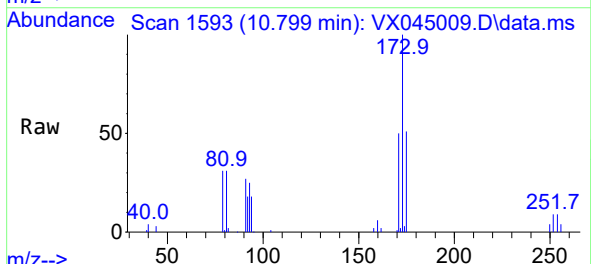
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

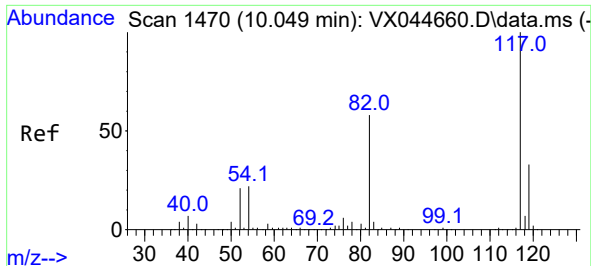
Tgt Ion: 63 Resp: 105624  
Ion Ratio Lower Upper  
63 100  
65 32.7 25.8 38.6  
106 26.5 23.1 34.7



#56  
Bromoform  
Concen: 16.36 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 173 Resp: 17331  
Ion Ratio Lower Upper  
173 100  
175 49.5 39.0 58.6  
254 7.9 6.5 9.7

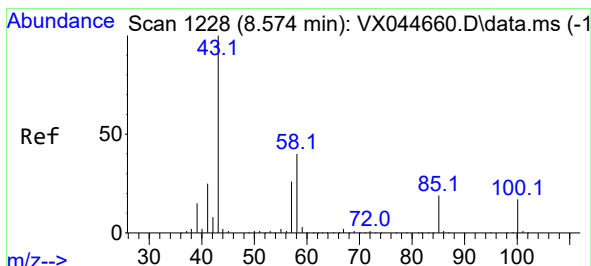
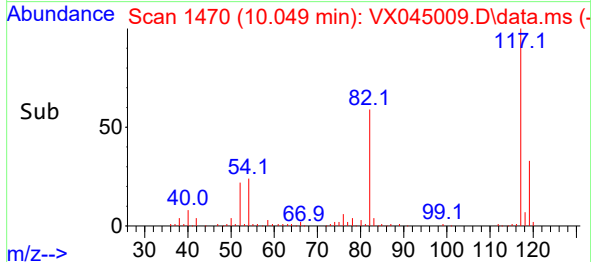
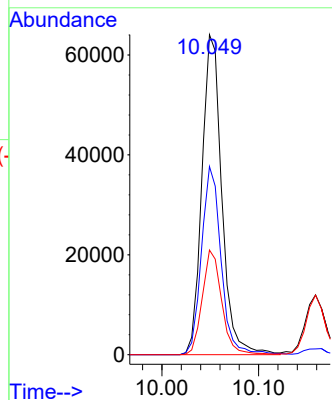
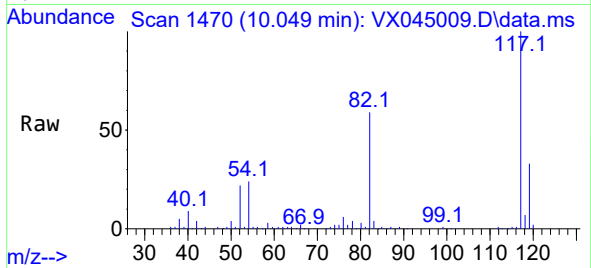




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

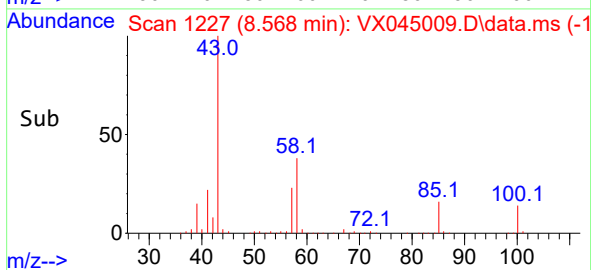
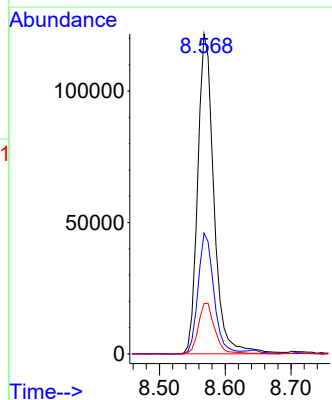
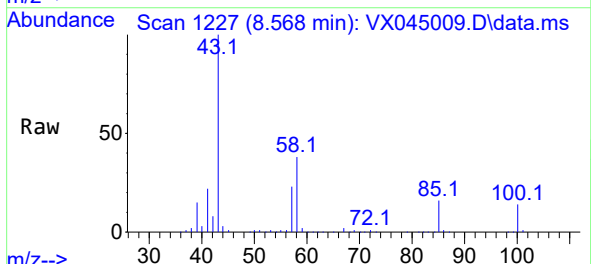
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:117 Resp: 91818  
Ion Ratio Lower Upper  
117 100  
82 57.3 45.8 68.6  
119 31.9 25.8 38.6

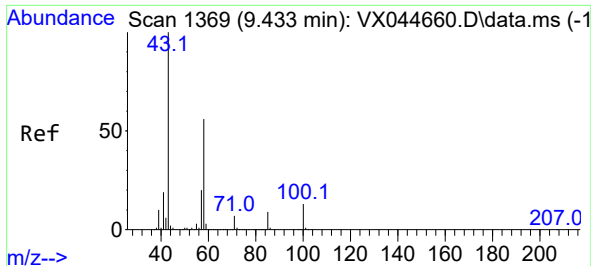


#58  
4-Methyl-2-Pentanone  
Concen: 107.48 ug/l  
RT: 8.568 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 208023  
Ion Ratio Lower Upper  
43 100  
58 36.9 31.7 47.5  
85 16.1 15.0 22.6



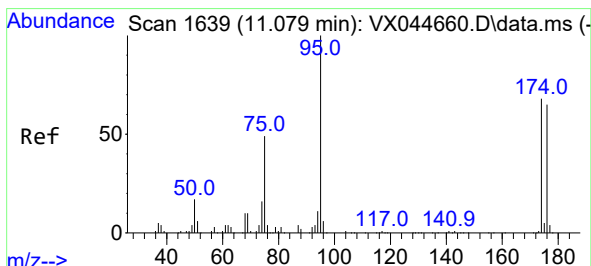
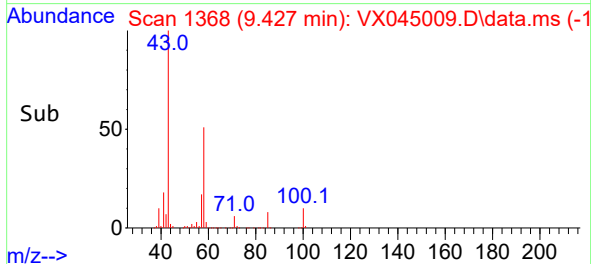
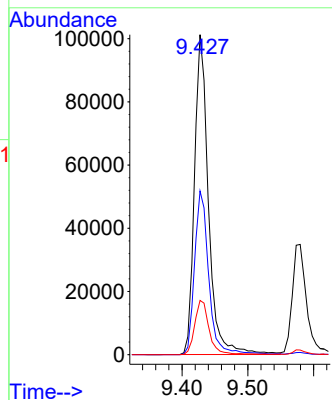
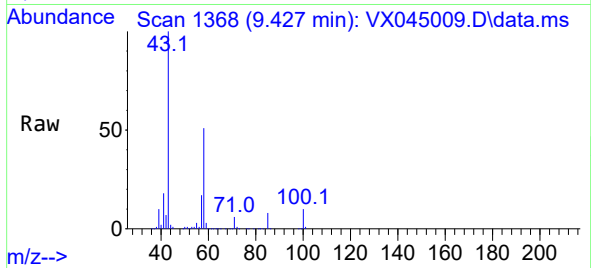




#59  
2-Hexanone  
Concen: 105.38 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

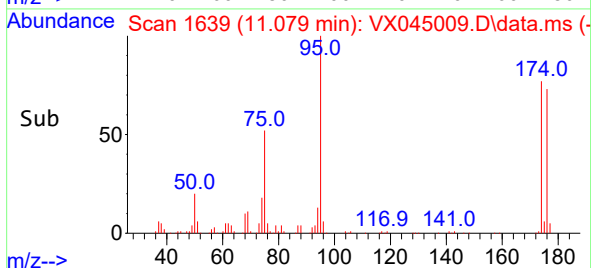
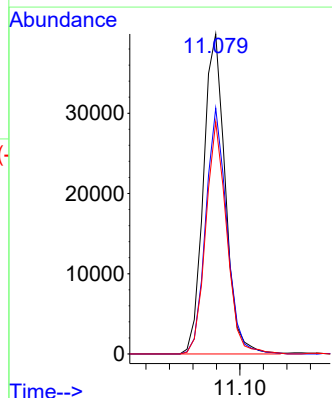
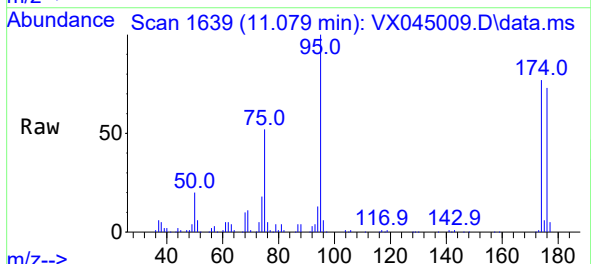
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

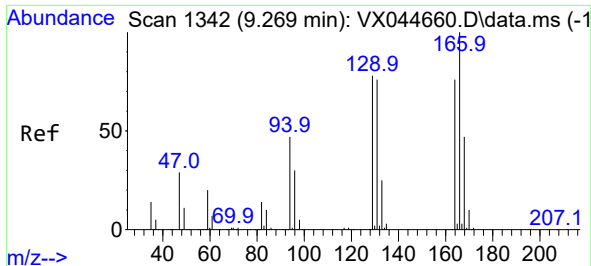
Tgt Ion: 43 Resp: 149308  
Ion Ratio Lower Upper  
43 100  
58 52.0 44.4 66.6  
57 17.2 15.5 23.3



#60  
4-Bromofluorobenzene  
Concen: 28.81 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 95 Resp: 51382  
Ion Ratio Lower Upper  
95 100  
174 74.4 54.6 81.8  
176 69.4 52.8 79.2

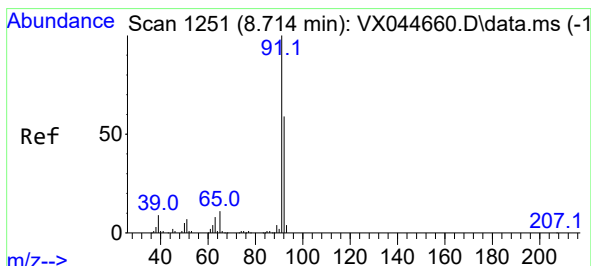
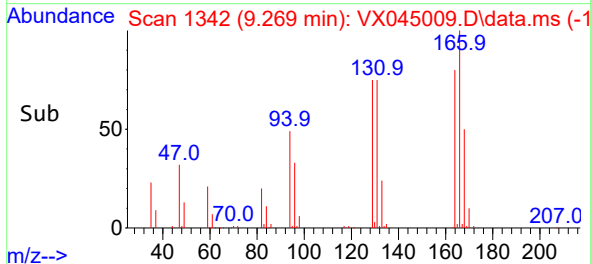
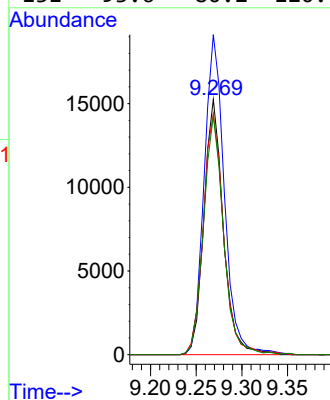
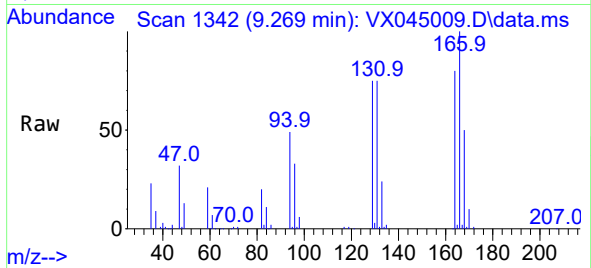




#61  
Tetrachloroethene  
Concen: 20.46 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

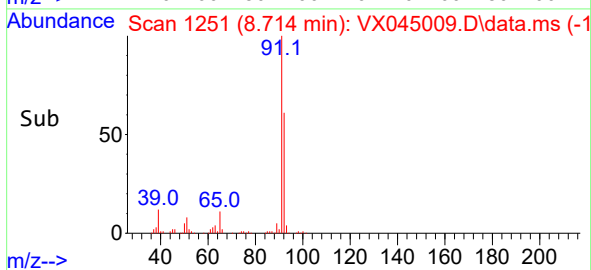
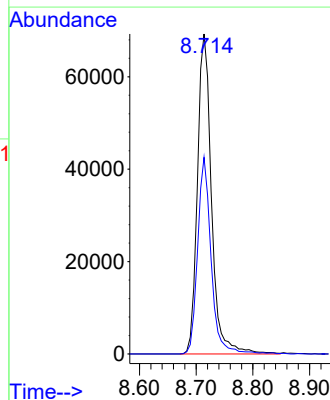
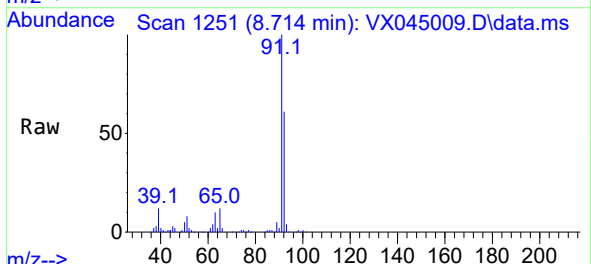
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

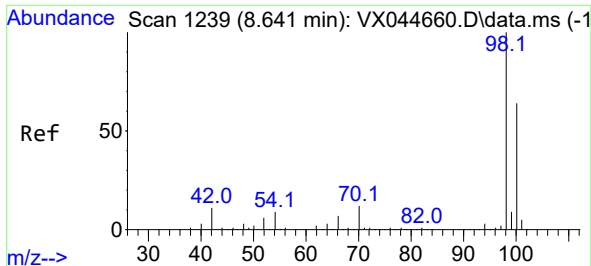
Tgt Ion:164 Resp: 22529  
Ion Ratio Lower Upper  
164 100  
166 125.4 105.6 158.4  
129 94.4 82.8 124.2  
131 93.6 80.2 120.4



#62  
Toluene  
Concen: 19.76 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 91 Resp: 119473  
Ion Ratio Lower Upper  
91 100  
92 58.6 47.3 70.9

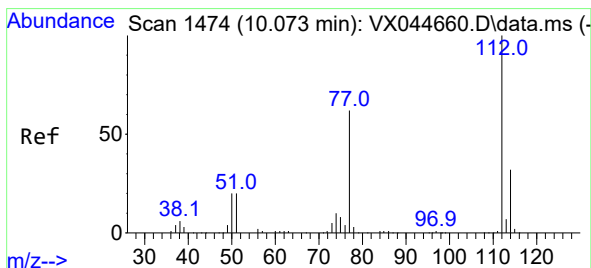
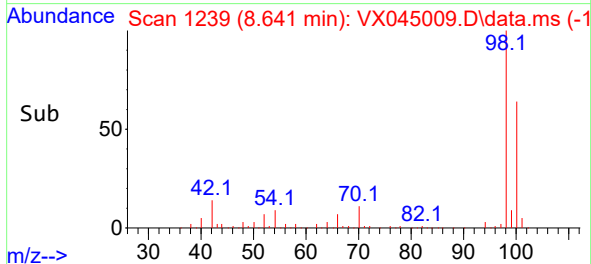
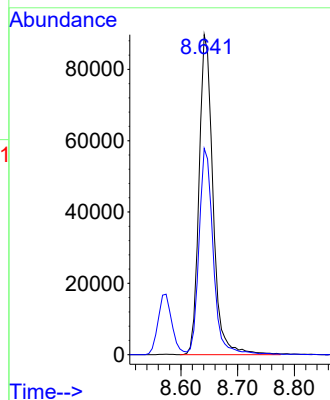
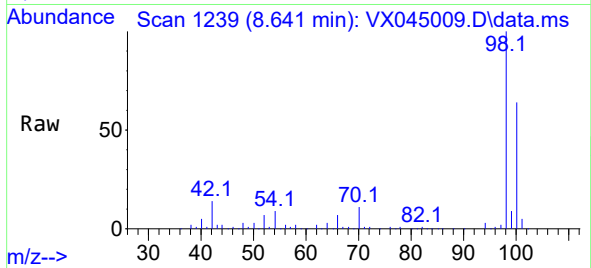




#63  
Toluene-d8  
Concen: 30.69 ug/l  
RT: 8.641 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

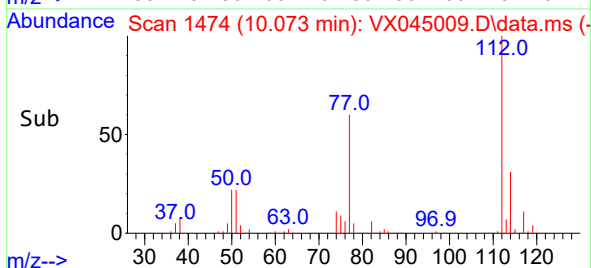
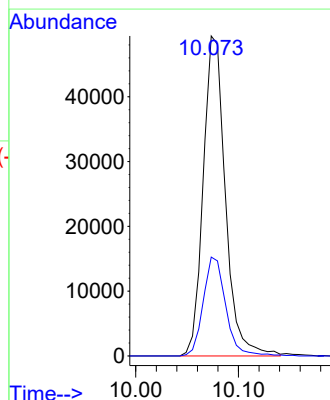
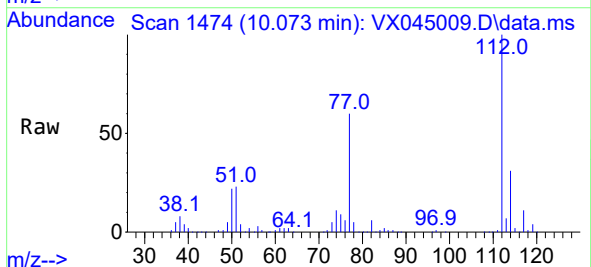
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ClientSampleId :  
VSTDICCC020

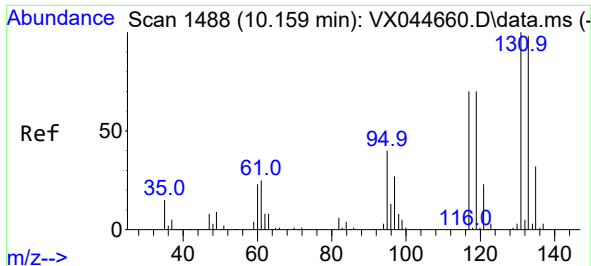
Tgt Ion: 98 Resp: 153274  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.6 80.4



#64  
Chlorobenzene  
Concen: 19.78 ug/l  
RT: 10.073 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 112 Resp: 74287  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.5 38.3

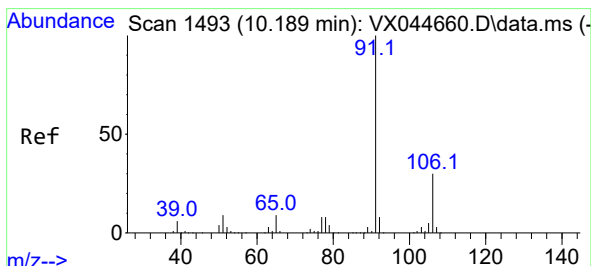
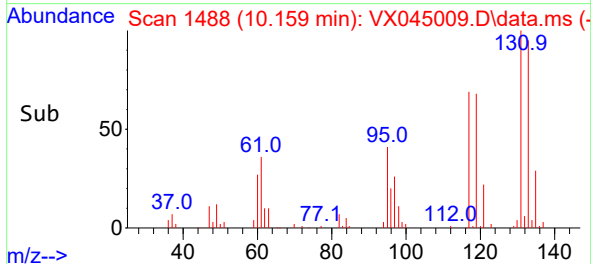
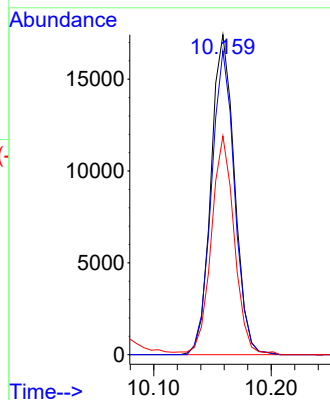
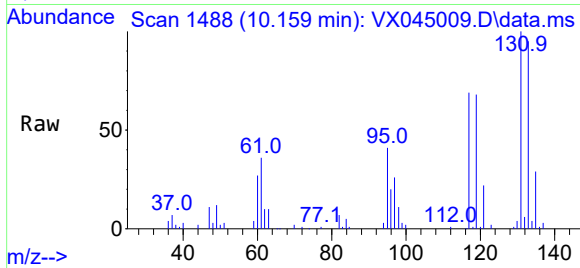




#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.89 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

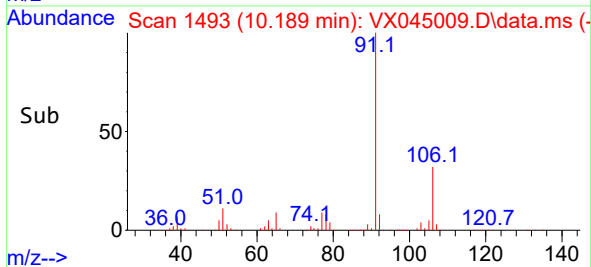
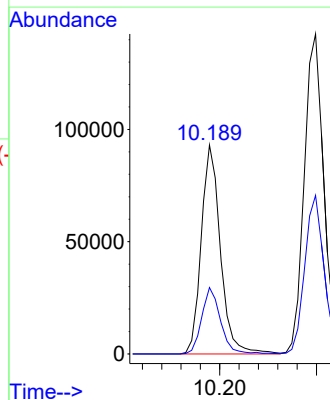
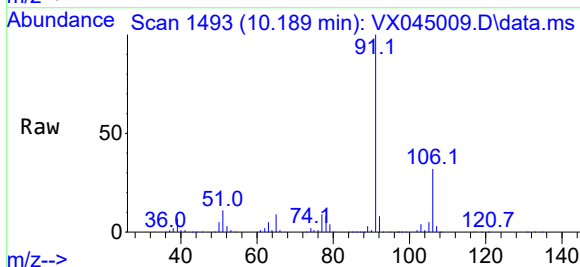
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

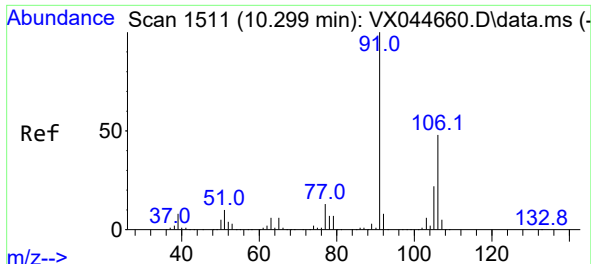
Tgt Ion:131 Resp: 24135  
Ion Ratio Lower Upper  
131 100  
133 93.9 0.0 192.4  
119 66.5 0.0 133.4



#66  
Ethyl Benzene  
Concen: 19.48 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 91 Resp: 128535  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.0 36.0

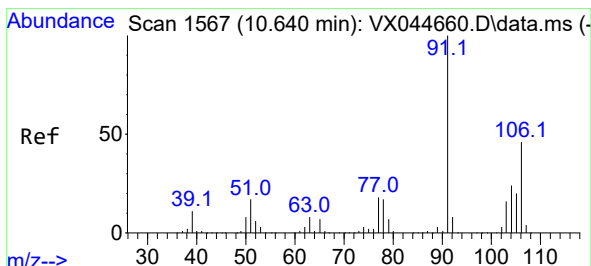
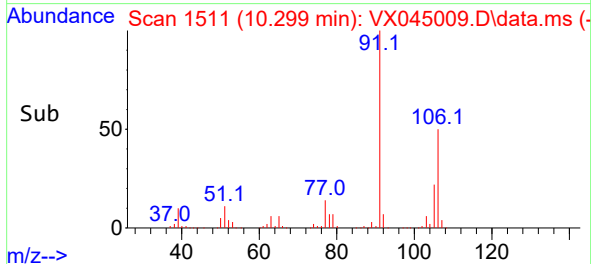
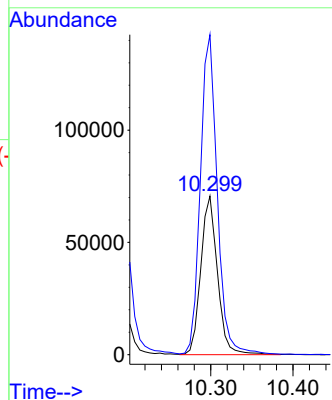
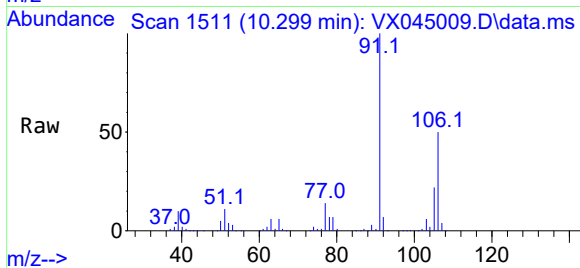




#67  
m/p-Xylenes  
Concen: 41.19 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

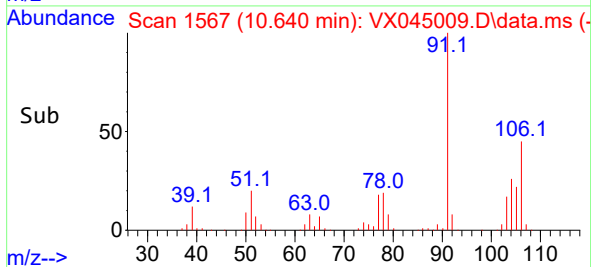
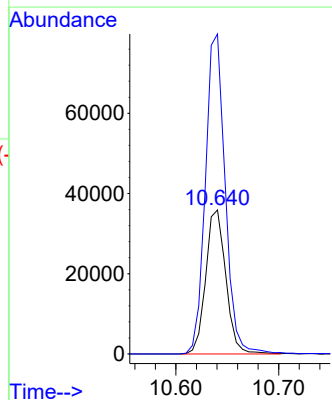
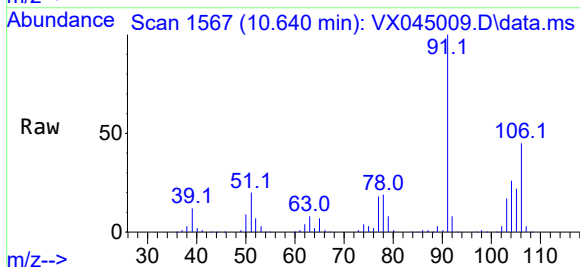
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

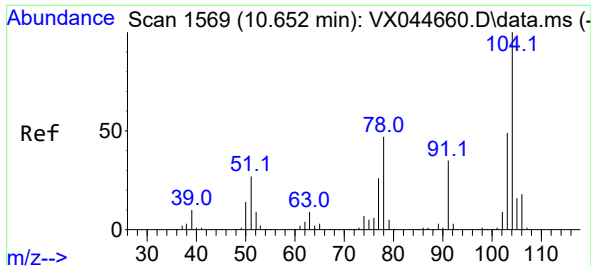
Tgt Ion:106 Resp: 99887  
Ion Ratio Lower Upper  
106 100  
91 204.6 166.8 250.2



#68  
o-Xylene  
Concen: 20.07 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:106 Resp: 48859  
Ion Ratio Lower Upper  
106 100  
91 219.4 109.7 329.1

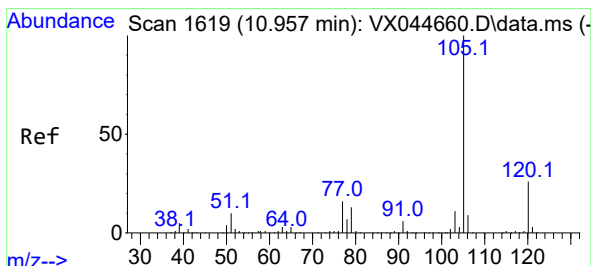
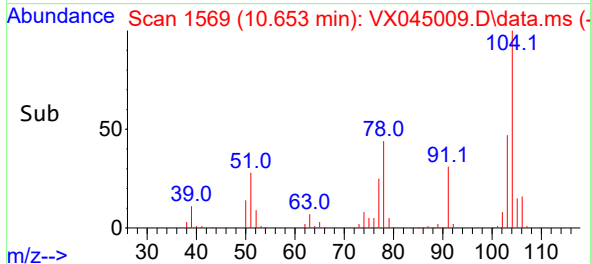
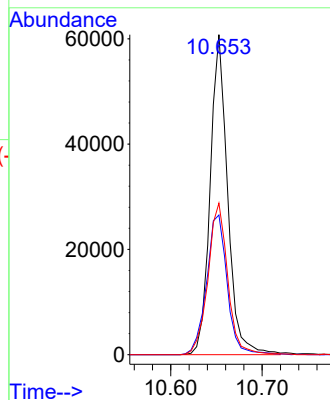
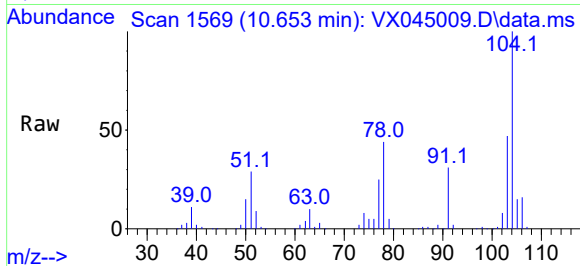




#69  
Styrene  
Concen: 20.18 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

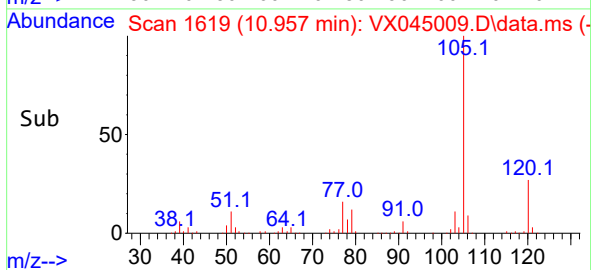
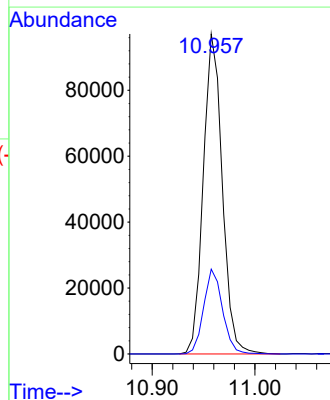
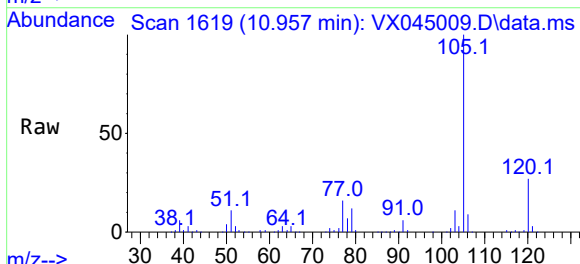
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

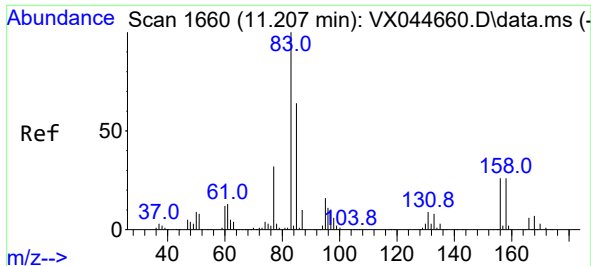
Tgt Ion:104 Resp: 80660  
Ion Ratio Lower Upper  
104 100  
78 51.7 42.0 63.0  
103 53.7 43.1 64.7



#70  
Isopropylbenzene  
Concen: 20.42 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:105 Resp: 124935  
Ion Ratio Lower Upper  
105 100  
120 26.3 18.6 34.6

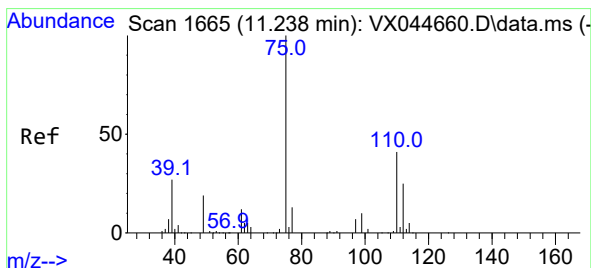
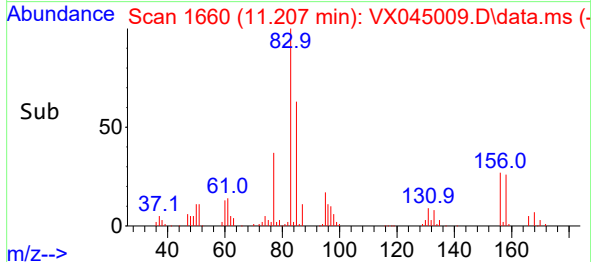
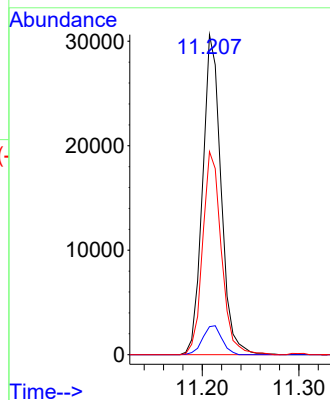
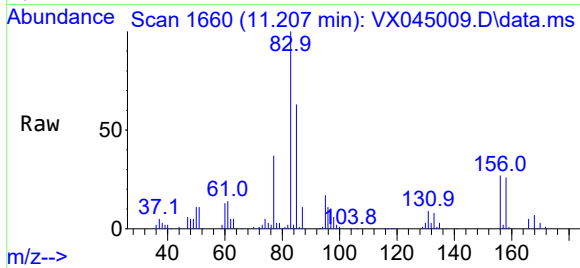




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.76 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

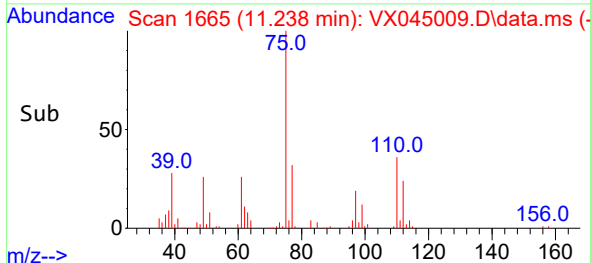
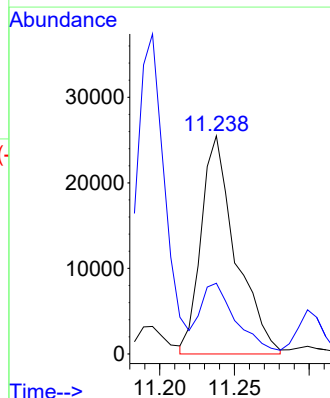
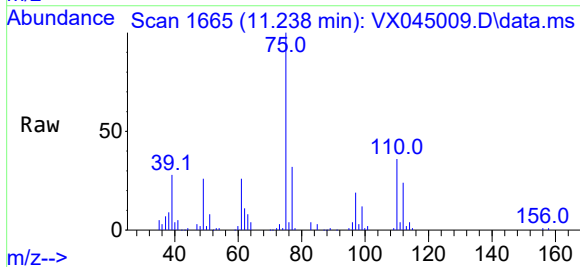
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ClientSampleId :  
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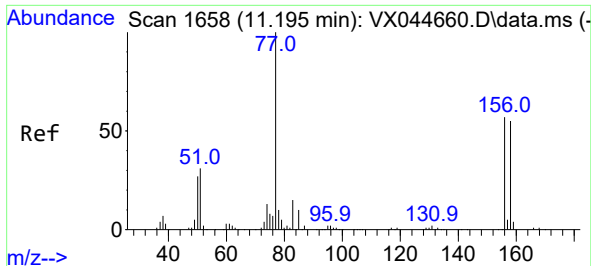
Tgt Ion: 83 Resp: 40659  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.0 14.9  
85 64.5 33.0 99.0



#72  
1,2,3-Trichloropropane  
Concen: 23.70 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 75 Resp: 41023  
Ion Ratio Lower Upper  
75 100  
77 33.9 0.0 83.0

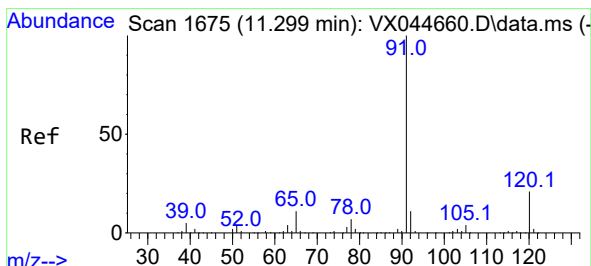
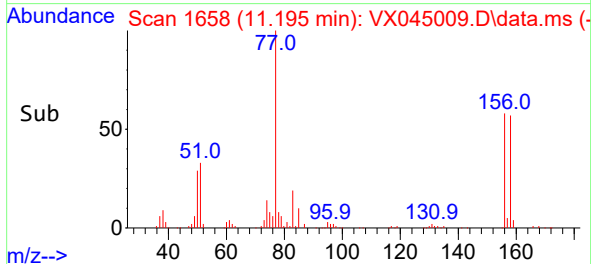
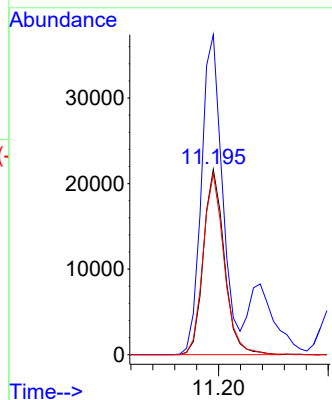
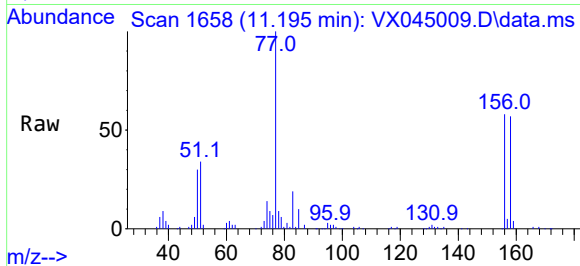




#73  
Bromobenzene  
Concen: 20.06 ug/l  
RT: 11.195 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

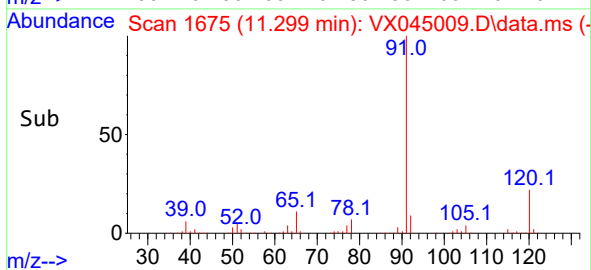
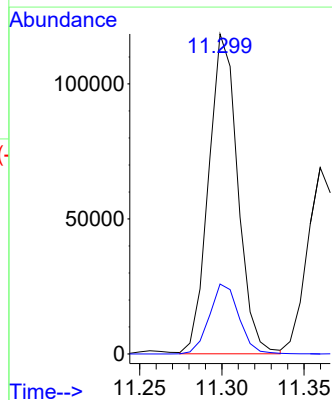
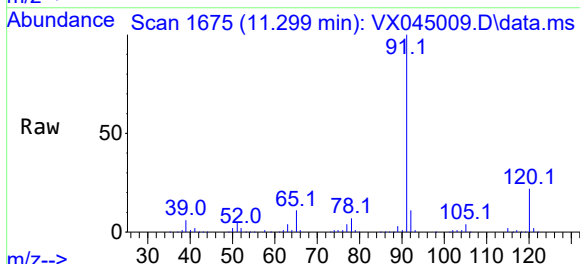
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:156 Resp: 28601  
Ion Ratio Lower Upper  
156 100  
77 173.6 0.0 354.6  
158 98.8 0.0 193.6

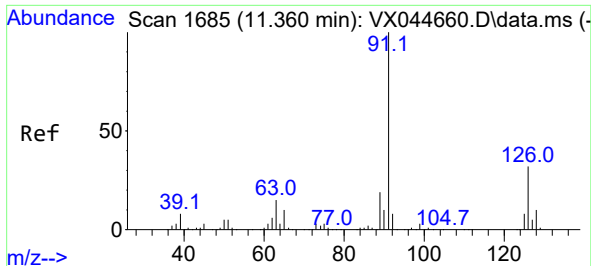


#74  
n-propylbenzene  
Concen: 21.02 ug/l  
RT: 11.299 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 91 Resp: 146105  
Ion Ratio Lower Upper  
91 100  
120 22.1 0.0 45.0



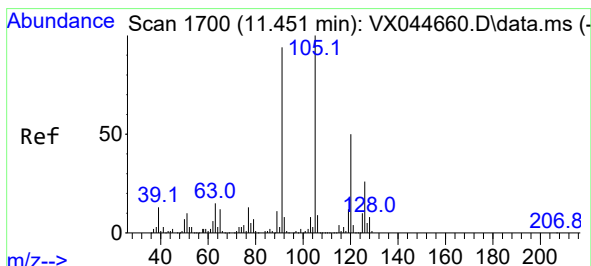
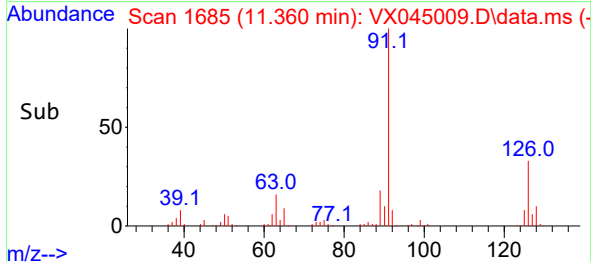
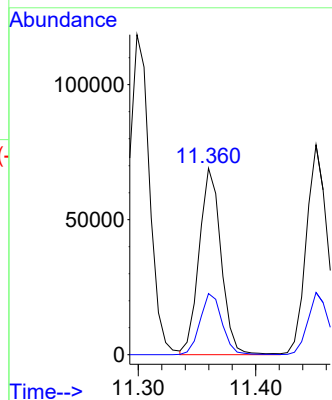
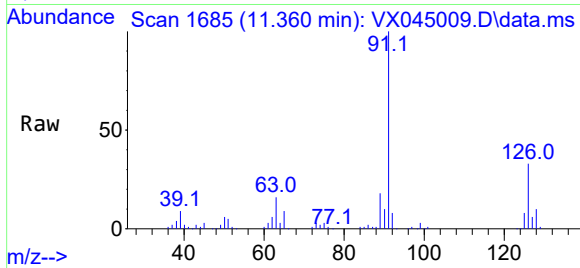




#75  
2-Chlorotoluene  
Concen: 20.56 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

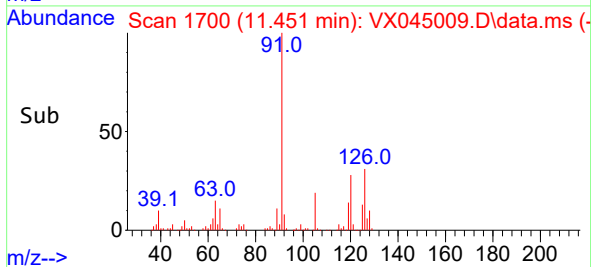
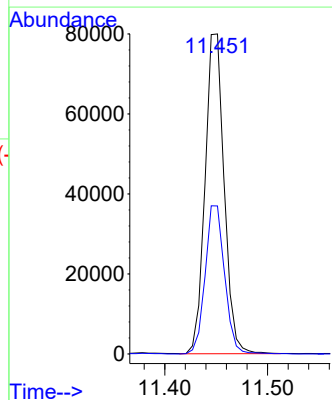
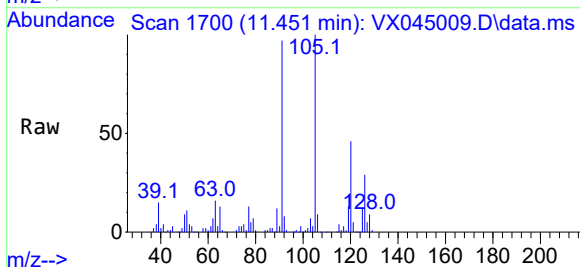
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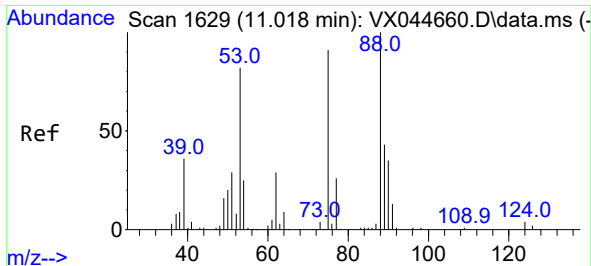
Tgt Ion: 91 Resp: 89859  
Ion Ratio Lower Upper  
91 100  
126 32.7 0.0 64.0



#76  
1,3,5-Trimethylbenzene  
Concen: 20.83 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 105 Resp: 103532  
Ion Ratio Lower Upper  
105 100  
120 47.2 0.0 96.8

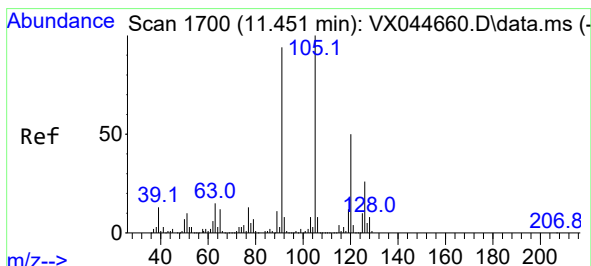
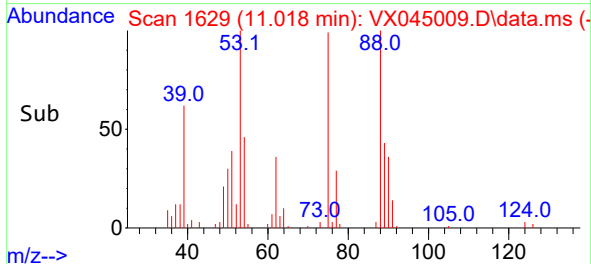
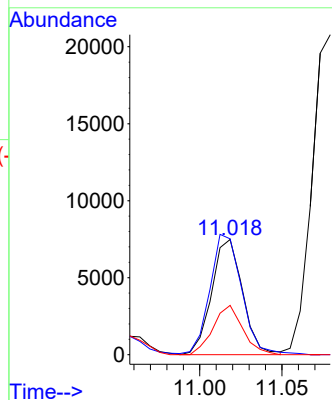
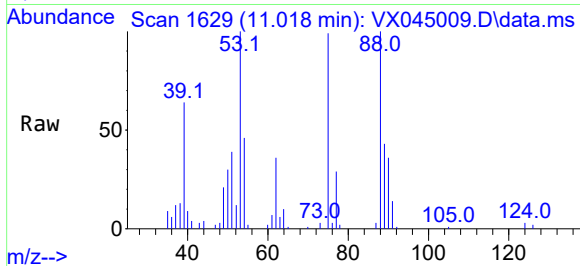




#77  
t-1,4-Dichloro-2-butene  
Concen: 11.96 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

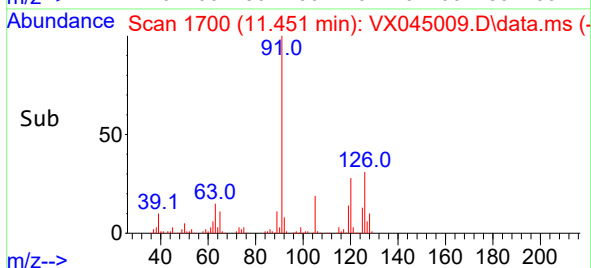
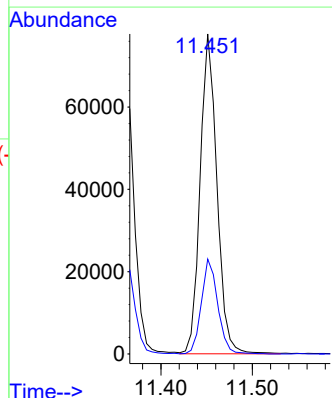
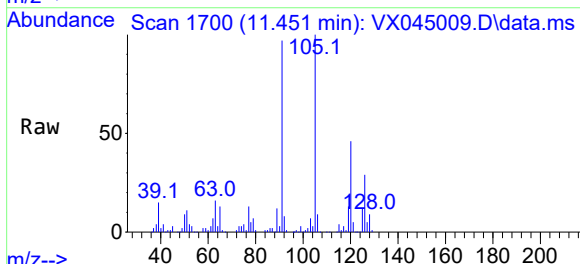
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

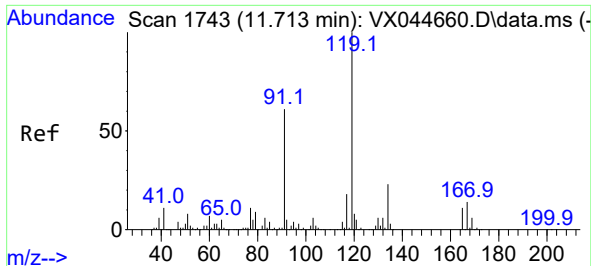
Tgt Ion: 75 Resp: 9794  
Ion Ratio Lower Upper  
75 100  
53 99.6 45.3 135.9  
89 42.8 23.8 71.2



#78  
4-Chlorotoluene  
Concen: 20.56 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 91 Resp: 99015  
Ion Ratio Lower Upper  
91 100  
126 29.0 0.0 55.4

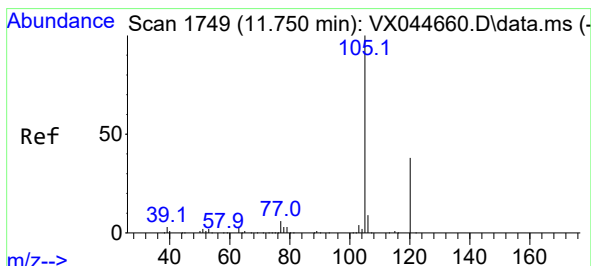
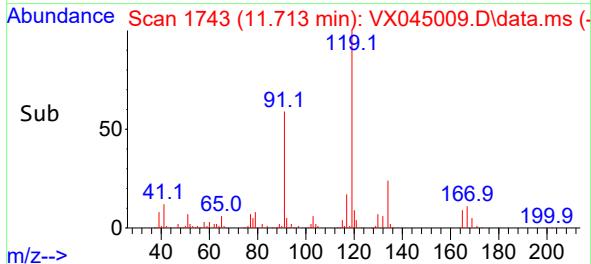
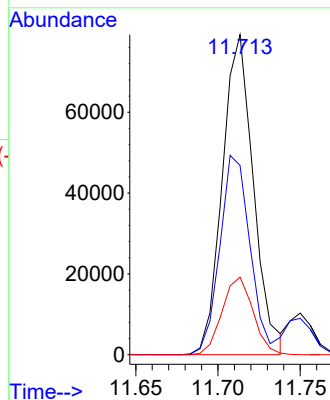
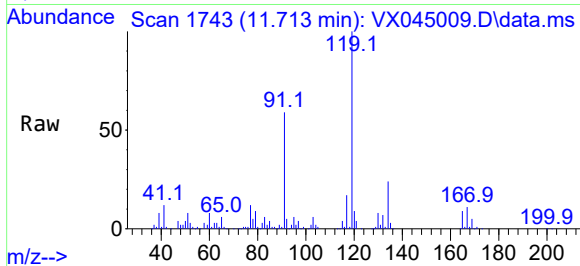




#79  
tert-butylbenzene  
Concen: 20.42 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

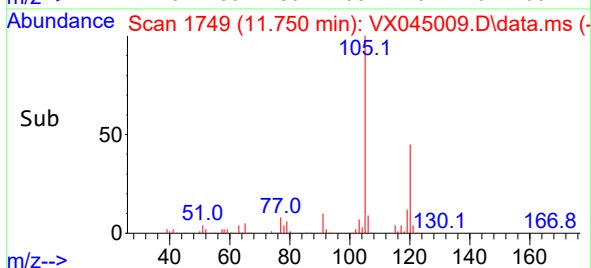
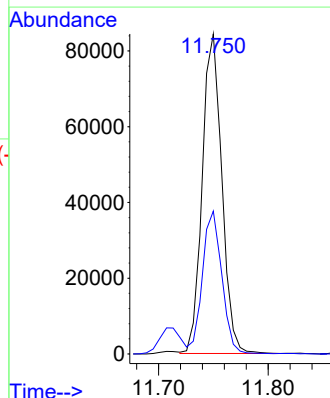
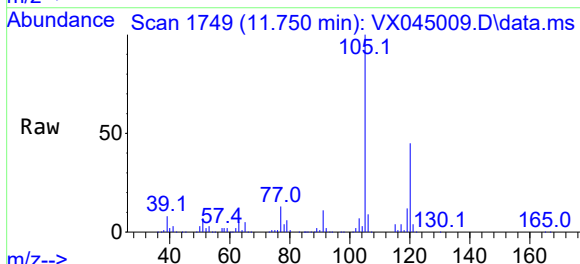
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

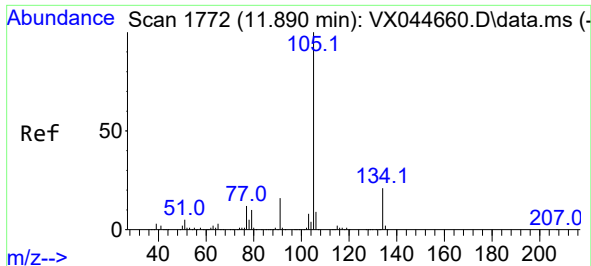
Tgt Ion:119 Resp: 104250  
Ion Ratio Lower Upper  
119 100  
91 60.3 0.0 119.0  
134 24.1 0.0 44.8



#80  
1,2,4-Trimethylbenzene  
Concen: 20.82 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:105 Resp: 104388  
Ion Ratio Lower Upper  
105 100  
120 44.2 0.0 88.4

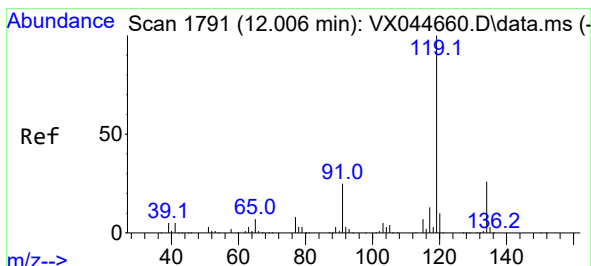
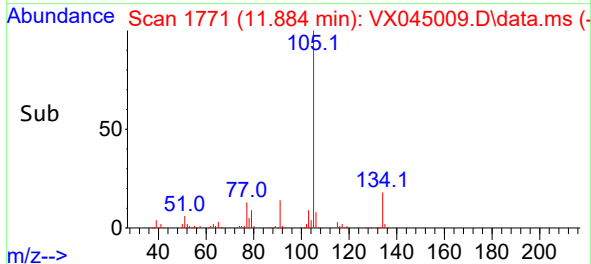
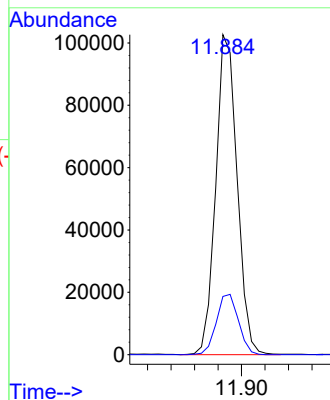
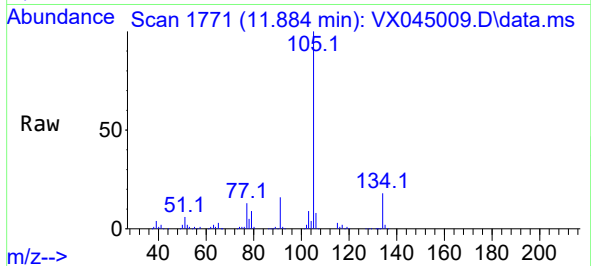




#81  
sec-Butylbenzene  
Concen: 21.27 ug/l  
RT: 11.884 min Scan# 1771  
Delta R.T. -0.006 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

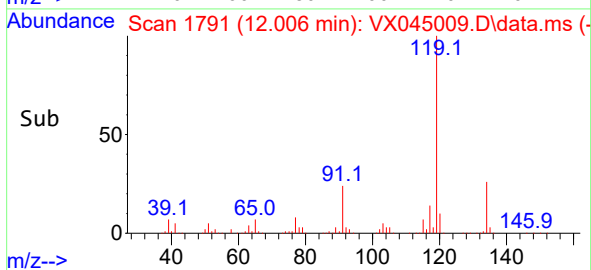
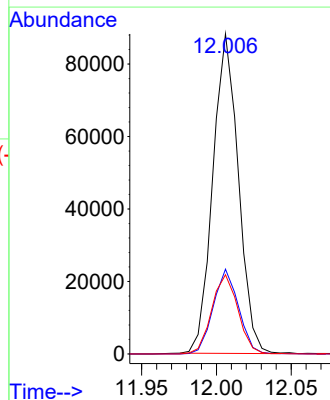
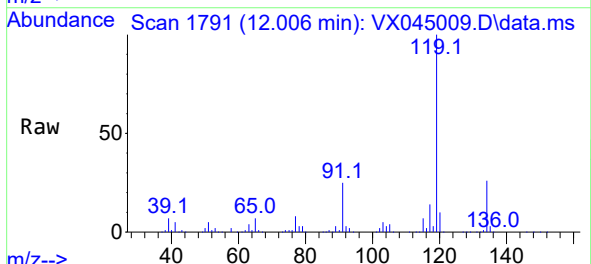
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

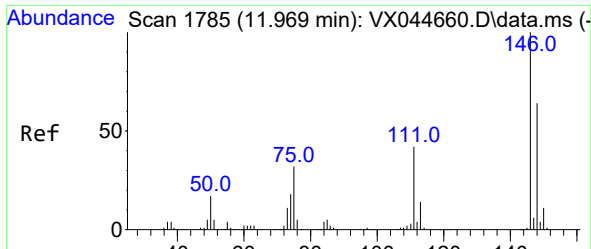
Tgt Ion:105 Resp: 129645  
Ion Ratio Lower Upper  
105 100  
134 19.5 0.0 39.6



#82  
p-Isopropyltoluene  
Concen: 20.85 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:119 Resp: 104594  
Ion Ratio Lower Upper  
119 100  
134 26.3 0.0 52.2  
91 25.5 0.0 50.2

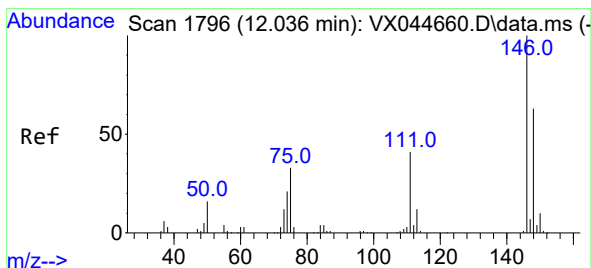
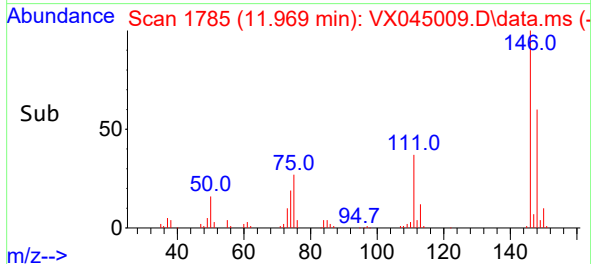
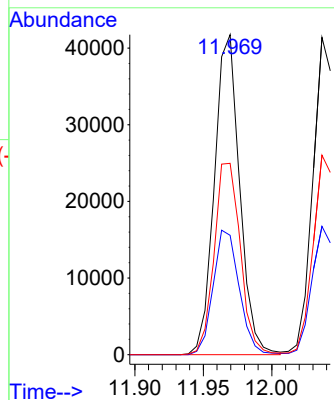
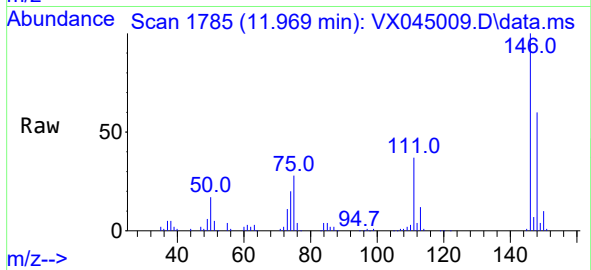




#83  
1,3-Dichlorobenzene  
Concen: 21.12 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

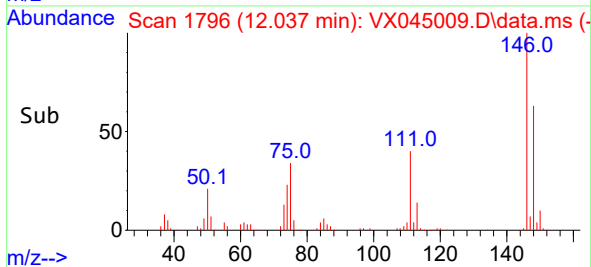
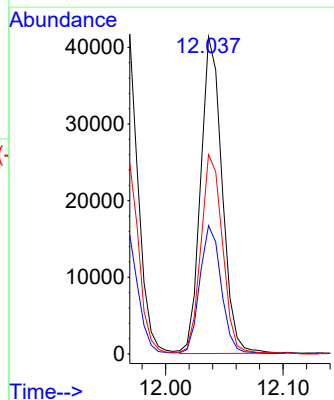
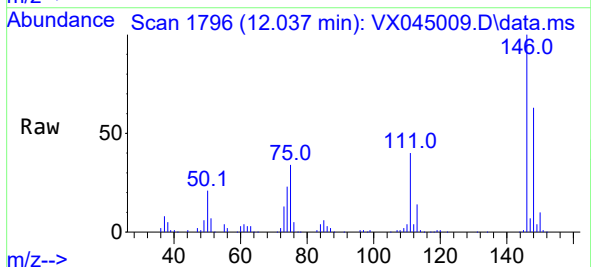
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

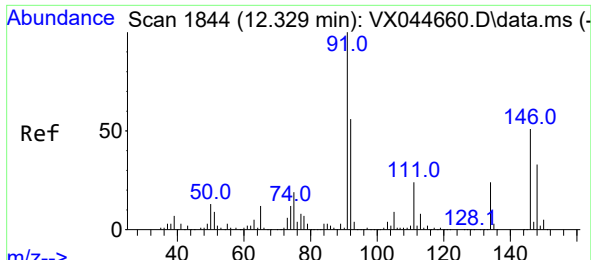
Tgt Ion:146 Resp: 53471  
Ion Ratio Lower Upper  
146 100  
111 40.3 21.6 64.6  
148 62.4 31.6 94.7



#84  
1,4-Dichlorobenzene  
Concen: 21.07 ug/l  
RT: 12.037 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:146 Resp: 52302  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.8 62.5  
148 63.6 32.1 96.5

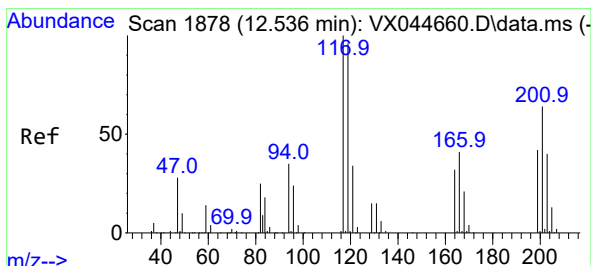
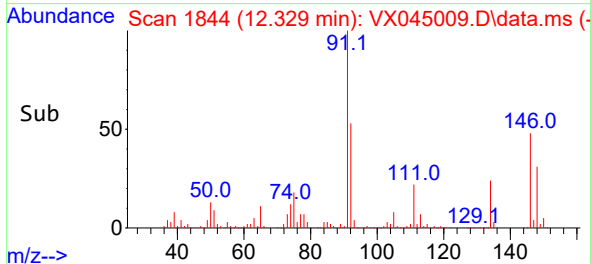
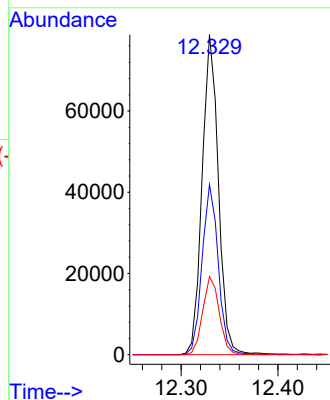
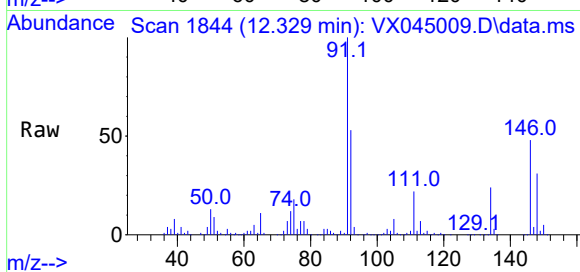




#85  
n-Butylbenzene  
Concen: 21.28 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

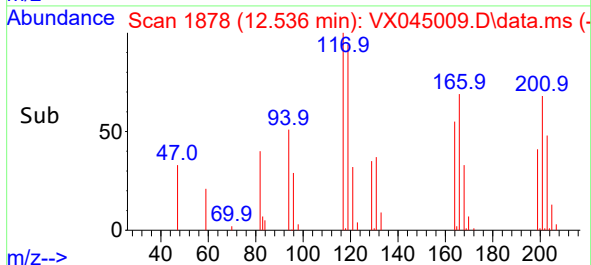
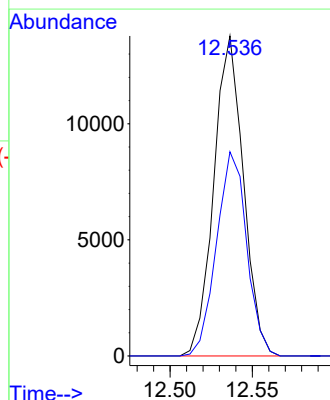
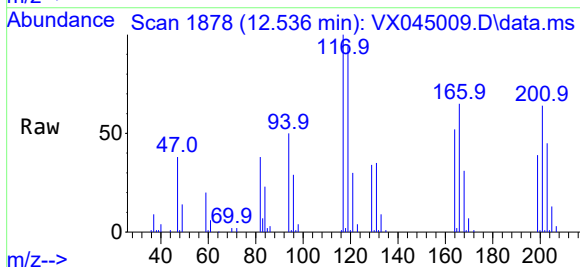
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

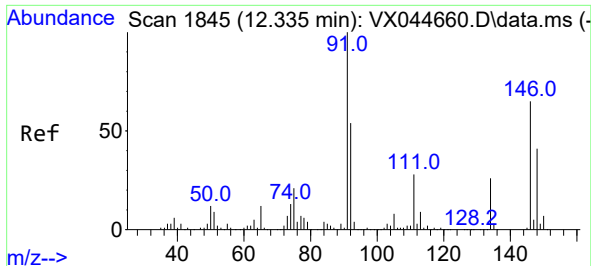
Tgt Ion: 91 Resp: 92551  
Ion Ratio Lower Upper  
91 100  
92 52.6 0.0 109.4  
134 24.7 0.0 49.2



#86  
Hexachloroethane  
Concen: 15.62 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 117 Resp: 17240  
Ion Ratio Lower Upper  
117 100  
201 65.1 33.0 98.9



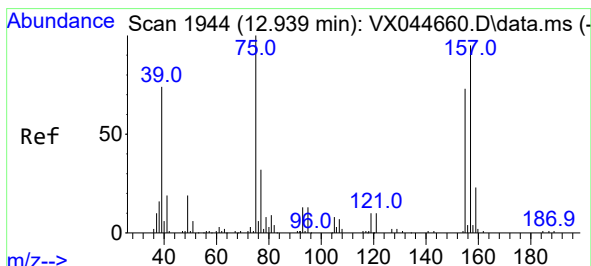
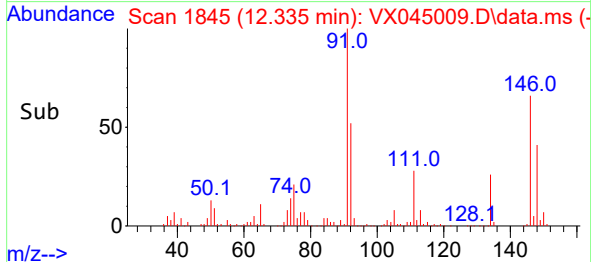
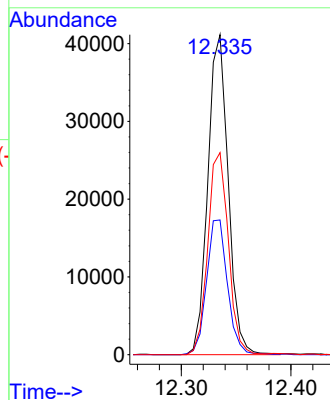
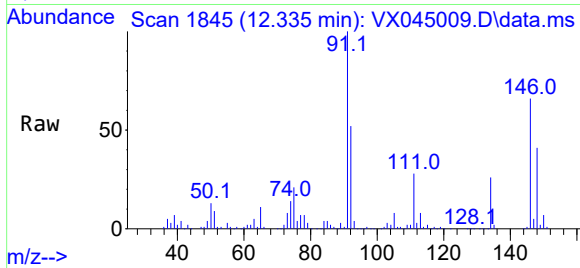


#87  
1,2-Dichlorobenzene  
Concen: 21.01 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:146 Resp: 53134

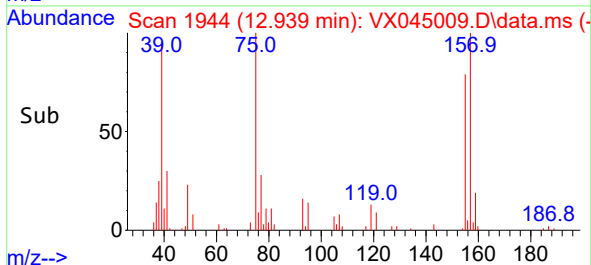
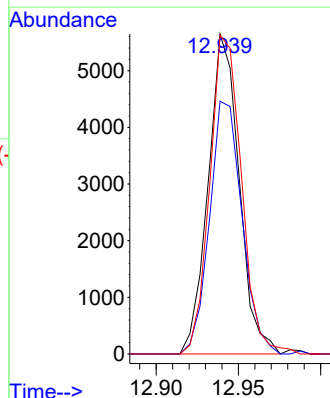
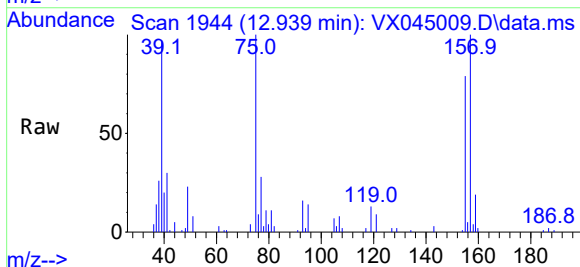
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.4  | 22.2  | 66.6  |
| 148 | 63.6  | 32.1  | 96.3  |

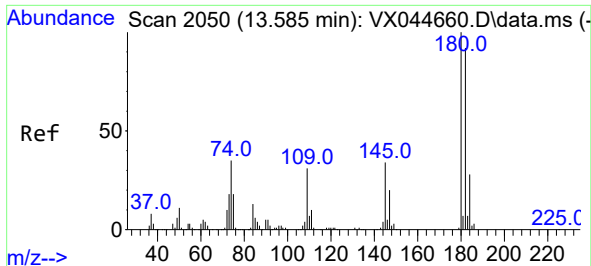


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 14.92 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion: 75 Resp: 7393

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 82.8  | 62.3  | 93.5  |
| 157 | 101.8 | 79.9  | 119.9 |

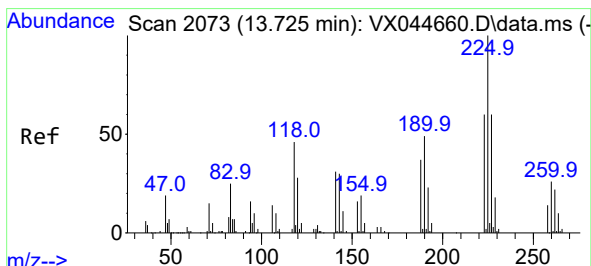
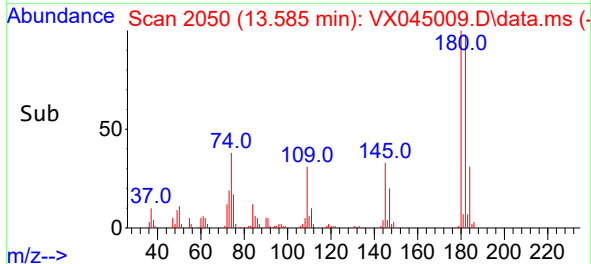
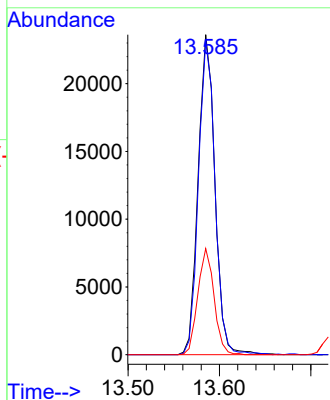
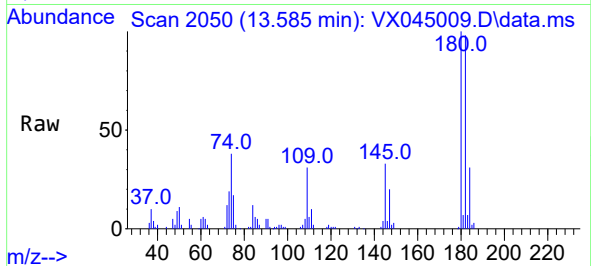




#89  
1,2,4-Trichlorobenzene  
Concen: 19.10 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

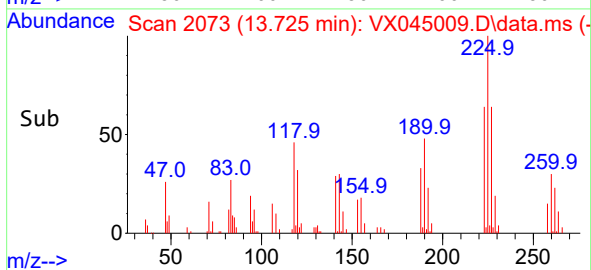
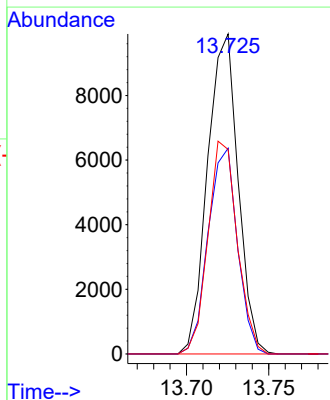
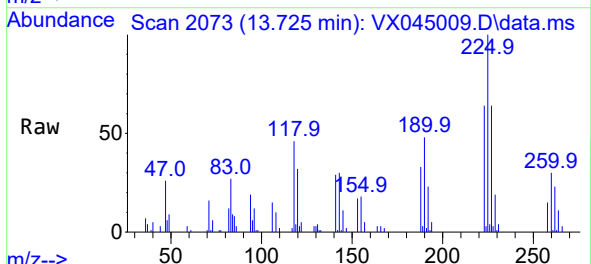
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:180 Resp: 30018  
Ion Ratio Lower Upper  
180 100  
182 97.1 75.6 113.4  
145 32.2 26.6 40.0

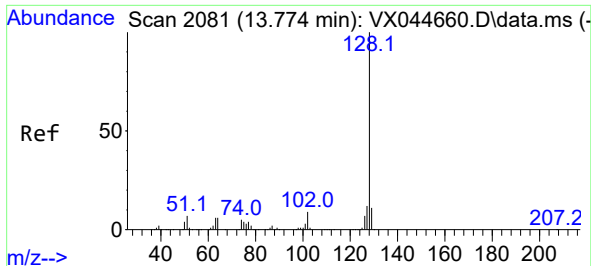


#90  
Hexachlorobutadiene  
Concen: 21.10 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:225 Resp: 12822  
Ion Ratio Lower Upper  
225 100  
223 61.7 0.0 123.0  
227 63.7 0.0 124.2



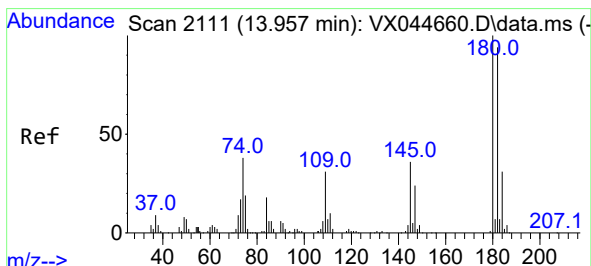
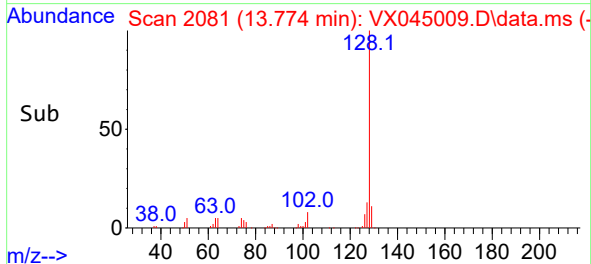
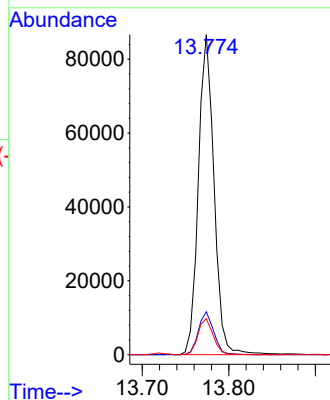
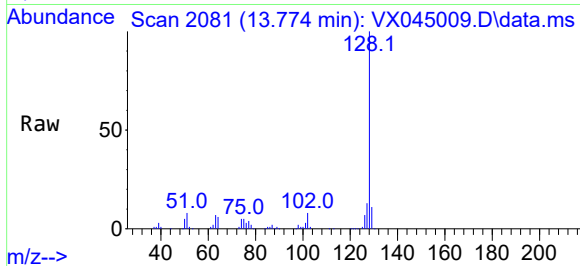




#91  
Naphthalene  
Concen: 18.51 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:128 Resp: 108844  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.4  
129 10.9 9.0 13.6



#92  
1,2,3-Trichlorobenzene  
Concen: 20.03 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX045009.D  
Acq: 21 Feb 2025 10:21

Tgt Ion:180 Resp: 32019  
Ion Ratio Lower Upper  
180 100  
182 93.3 0.0 187.8  
145 34.2 0.0 69.8

