

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021125\  
 Data File : VX044905.D  
 Acq On : 11 Feb 2025 14:52  
 Operator : JC/MD  
 Sample : Q1332-01DL 2X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 12 02:42:49 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 96361    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 194399   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 179329   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 80982    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 74633    | 52.911   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 105.820% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 63256    | 50.048   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.100% |      |
| 50) Toluene-d8              | 8.647  | 98    | 240764   | 50.376   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.760% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 87127    | 54.075   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 108.140% |      |

|                               |        |     |        |         |        |     |
|-------------------------------|--------|-----|--------|---------|--------|-----|
| Target Compounds              |        |     |        | Qvalue  |        |     |
| 6) Chloroethane               | 1.666  | 64  | 698    | 2.246   | ug/l # | 42  |
| 11) Tert butyl alcohol        | 2.934  | 59  | 1672   | 6.389   | ug/l # | 73  |
| 13) Acrolein                  | 2.203  | 56  | 102    | 0.378   | ug/l # | 1   |
| 15) Acrylonitrile             | 3.087  | 53  | 161    | 0.230   | ug/l # | 31  |
| 16) Acetone                   | 2.386  | 43  | 4276   | 7.541   | ug/l # | 83  |
| 18) Methyl Acetate            | 2.703  | 43  | 612    | 0.342   | ug/l # | 52  |
| 20) Methylene Chloride        | 2.788  | 84  | 308    | 0.222   | ug/l # | 49  |
| 25) 2-Butanone                | 4.586  | 43  | 2737   | 2.972   | ug/l # | 85  |
| 30) Chloroform                | 5.153  | 83  | 1123   | 0.487   | ug/l # | 18  |
| 31) Cyclohexane               | 5.458  | 56  | 71242  | 32.522  | ug/l   | 97  |
| 36) 1,1-Dichloropropene       | 5.544  | 75  | 8558   | 4.693   | ug/l # | 47  |
| 37) Ethyl Acetate             | 4.586  | 43  | 2737   | 1.349   | ug/l # | 69  |
| 38) Carbon Tetrachloride      | 5.550  | 117 | 10251  | 5.737   | ug/l # | 15  |
| 39) Methylcyclohexane         | 7.373  | 83  | 68869  | 29.213  | ug/l   | 98  |
| 40) Benzene                   | 6.037  | 78  | 10130  | 1.779   | ug/l   | 98  |
| 43) Isopropyl Acetate         | 6.348  | 43  | 1524   | 0.465   | ug/l # | 61  |
| 45) 1,2-Dichloropropane       | 7.379  | 63  | 676    | 0.477   | ug/l # | 1   |
| 47) Bromodichloromethane      | 7.860  | 83  | 780    | 0.410   | ug/l # | 26  |
| 48) Methyl methacrylate       | 7.659  | 41  | 3557   | 2.303   | ug/l # | 62  |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43  | 1793   | 0.900   | ug/l # | 75  |
| 52) Toluene                   | 8.714  | 92  | 35618  | 10.503  | ug/l   | 97  |
| 55) 1,1,2-Trichloroethane     | 9.098  | 97  | 6032   | 4.627   | ug/l # | 19  |
| 56) Ethyl methacrylate        | 9.092  | 69  | 1876   | 0.891   | ug/l # | 1   |
| 59) 2-Hexanone                | 9.244  | 43  | 429    | 0.299   | ug/l   | 90  |
| 67) Ethyl Benzene             | 10.189 | 91  | 360090 | 52.977  | ug/l   | 99  |
| 68) m/p-Xylenes               | 10.299 | 106 | 294019 | 117.264 | ug/l   | 99  |
| 69) o-Xylene                  | 10.640 | 106 | 134603 | 53.501  | ug/l   | 99  |
| 70) Styrene                   | 10.640 | 104 | 8140   | 2.008   | ug/l # | 1   |
| 73) Isopropylbenzene          | 10.957 | 105 | 71219  | 10.922  | ug/l   | 99  |
| 74) N-amyl acetate            | 10.890 | 43  | 2177   | 0.738   | ug/l # | 43  |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 45781  | 25.498  | ug/l # | 32  |
| 78) n-propylbenzene           | 11.305 | 91  | 79483  | 10.561  | ug/l   | 100 |
| 79) 2-Chlorotoluene           | 11.378 | 91  | 16778  | 3.627   | ug/l # | 48  |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105 | 27988  | 5.289   | ug/l   | 97  |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 45781  | 65.590  | ug/l # | 11  |
| 82) 4-Chlorotoluene           | 11.451 | 91  | 3323   | 0.649   | ug/l # | 46  |

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Operator : JC/MD  
Sample : Q1332-01DL 2X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Feb 12 02:42:49 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

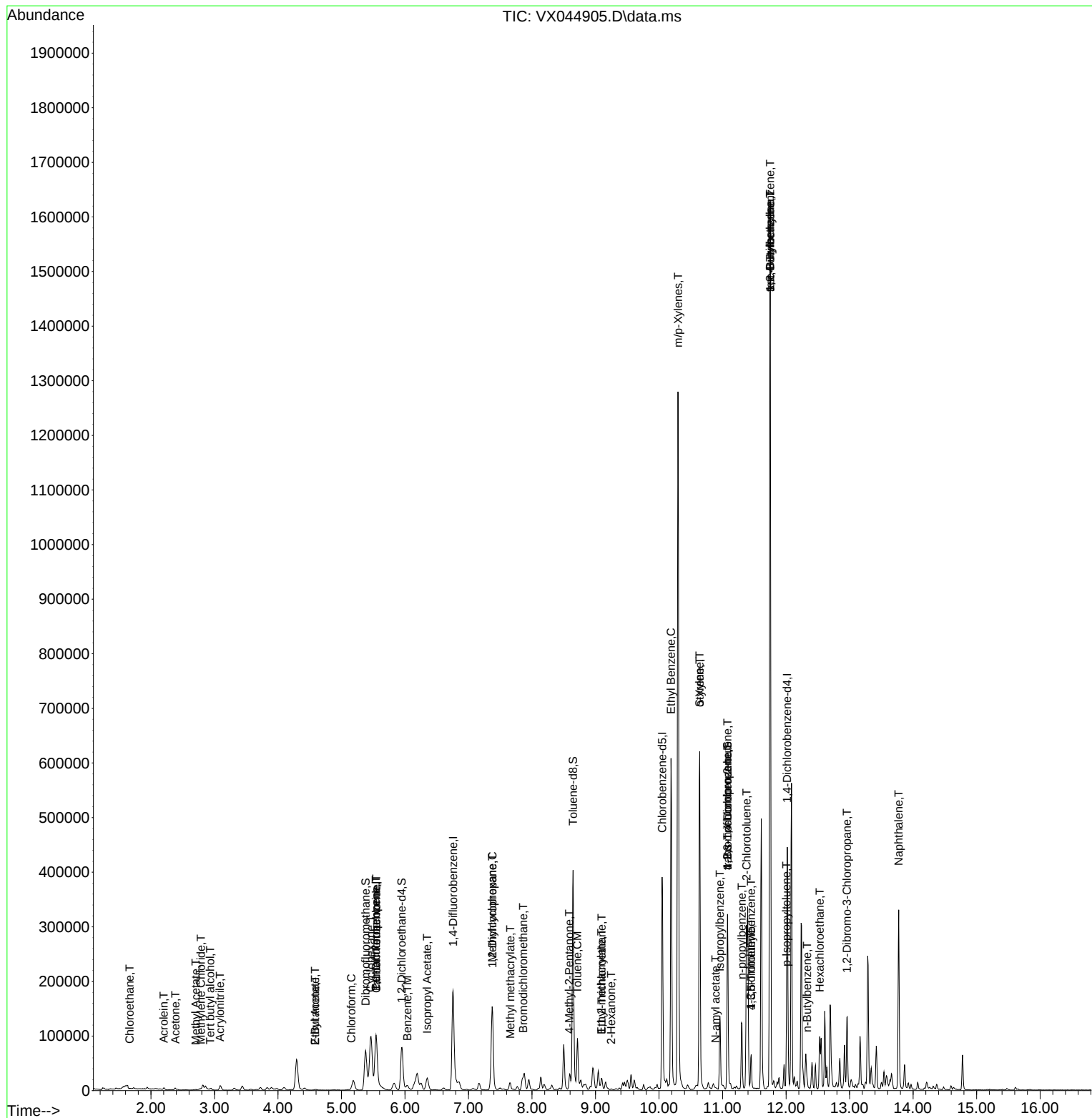
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 83) tert-Butylbenzene         | 11.750 | 119  | 80720    | 15.079  | ug/l # | 56       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 673235   | 128.908 | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.750 | 105  | 673235   | 101.565 | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 14967    | 2.808   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 10361    | 2.197   | ug/l # | 43       |
| 90) Hexachloroethane          | 12.530 | 117  | 4272     | 4.280   | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.957 | 75   | 484      | 1.184   | ug/l # | 3        |
| 95) Naphthalene               | 13.774 | 128  | 192285   | 32.901  | ug/l   | 99       |

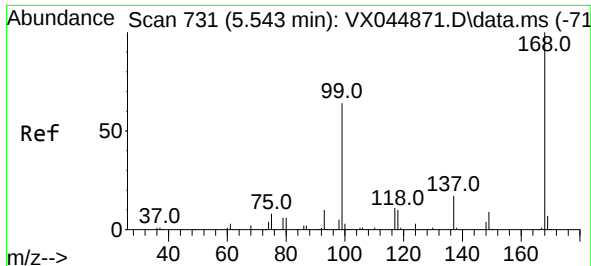
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021125\  
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Sample : Q1332-01DL 2X  
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ALS Vial : 14 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :

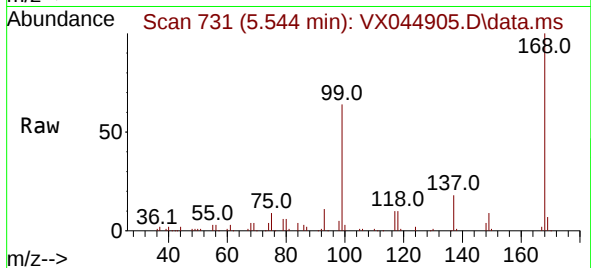
Quant Time: Feb 12 02:42:49 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration



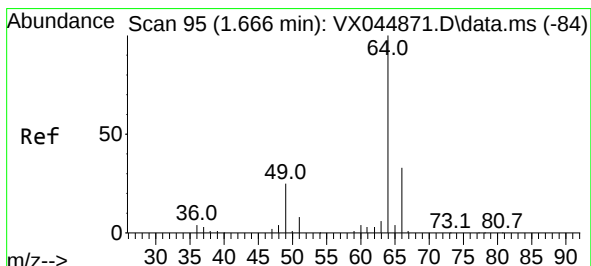
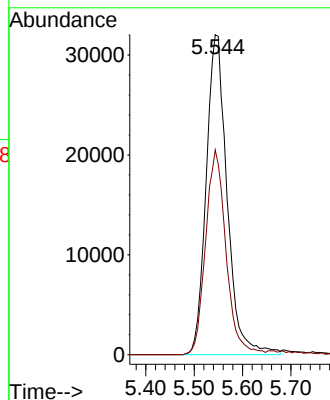
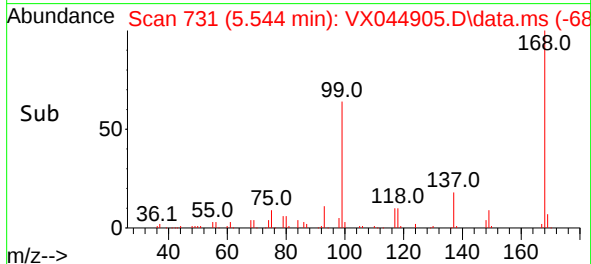


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

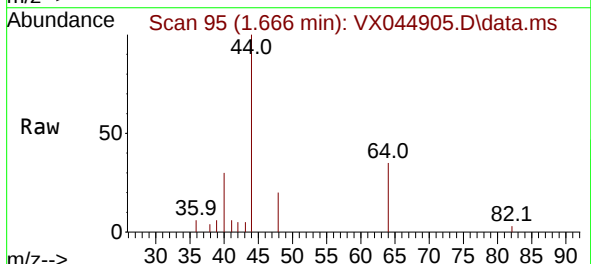
Instrument :  
MSVOA\_X  
ClientSampleId :



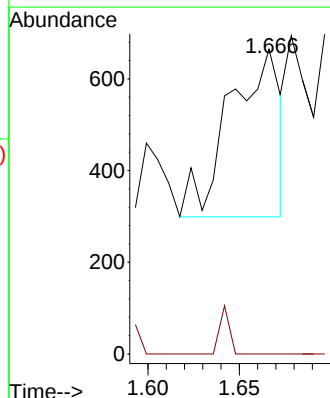
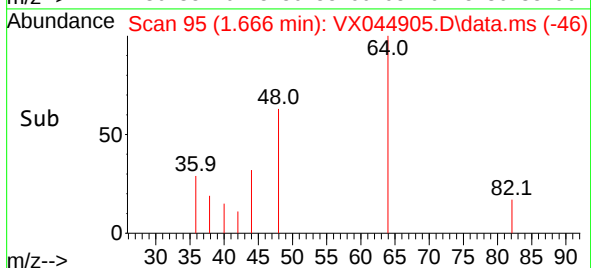
Tgt Ion:168 Resp: 96361  
Ion Ratio Lower Upper  
168 100  
99 64.0 51.2 76.8

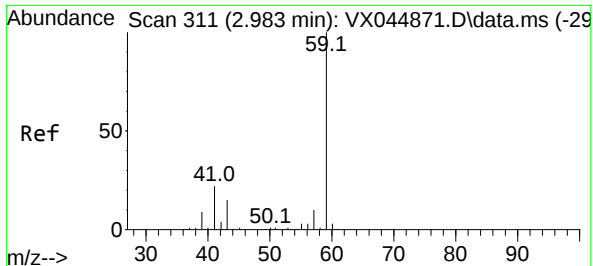


#6  
Chloroethane  
Concen: 2.246 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52



Tgt Ion: 64 Resp: 698  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 6.389 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

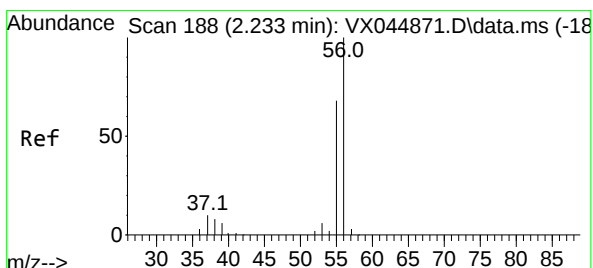
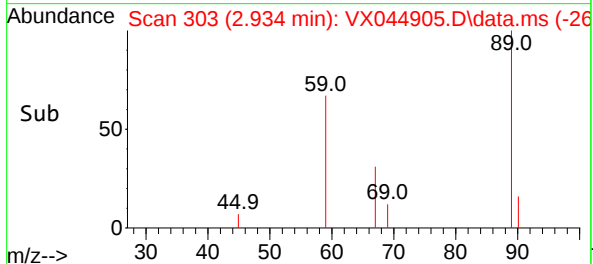
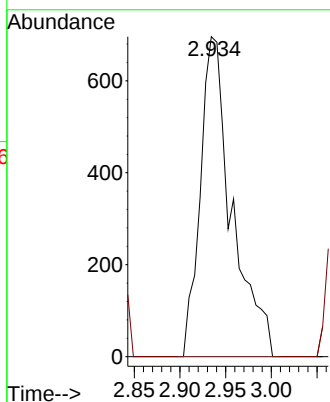
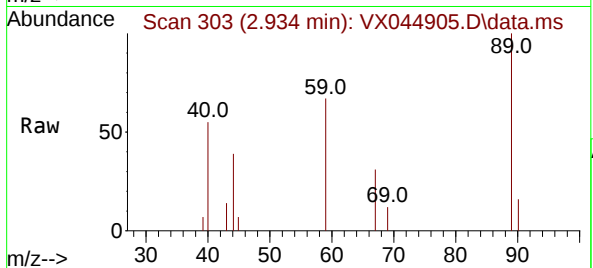
ClientSampleId :

Tgt Ion: 59 Resp: 1672

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.378 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.030 min

Lab File: VX044905.D

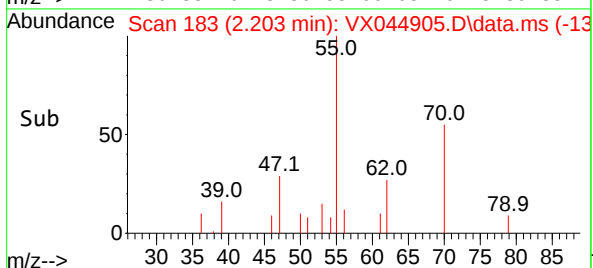
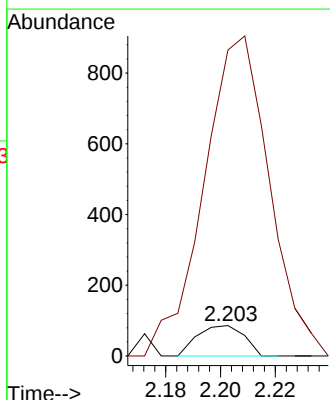
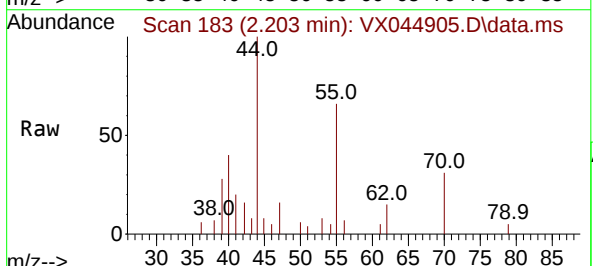
Acq: 11 Feb 2025 14:52

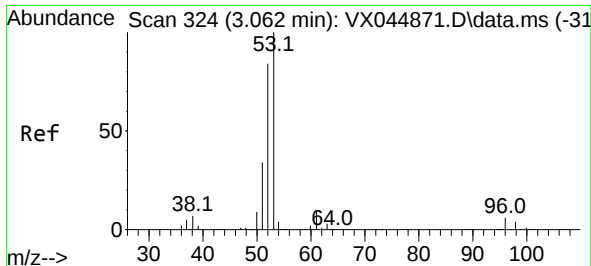
Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

55 1476.5 55.7 83.5#





#15

Acrylonitrile

Concen: 0.230 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX044905.D

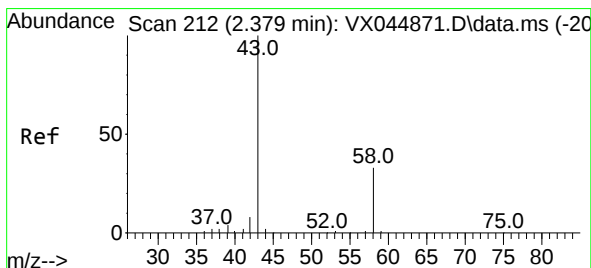
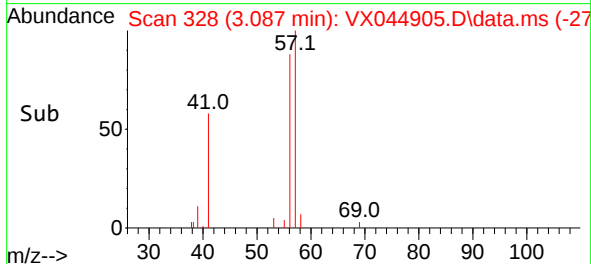
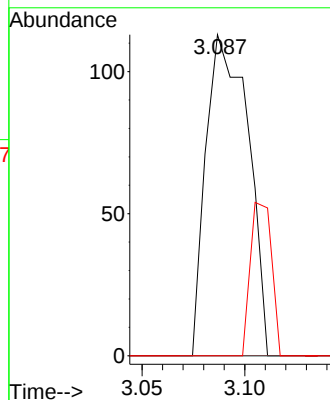
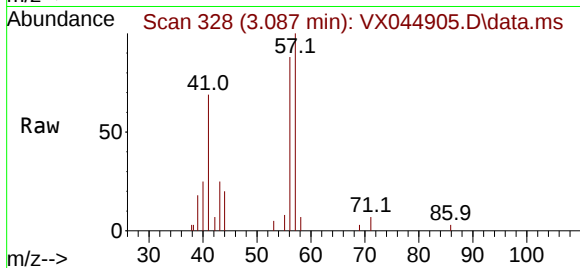
Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 53 | Resp: | 161        |
| Ion Ratio   | Lower | Upper      |
| 53          | 100   |            |
| 52          | 0.0   | 65.0 97.6# |
| 51          | 24.2  | 28.0 42.0# |



#16

Acetone

Concen: 7.541 ug/l

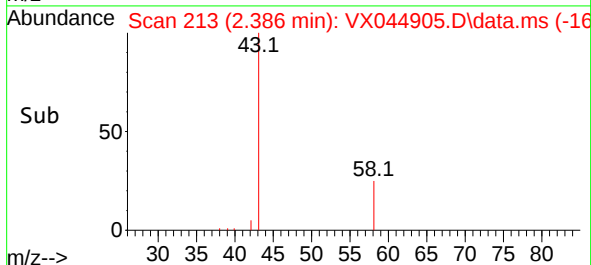
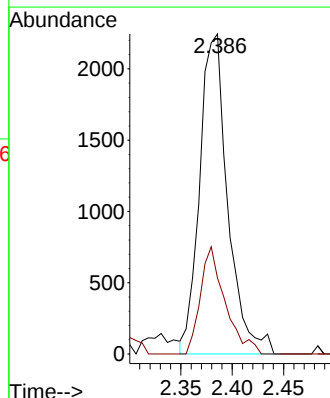
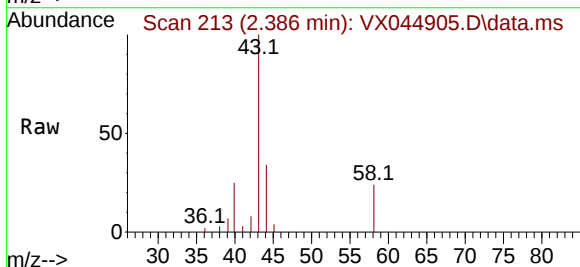
RT: 2.386 min Scan# 213

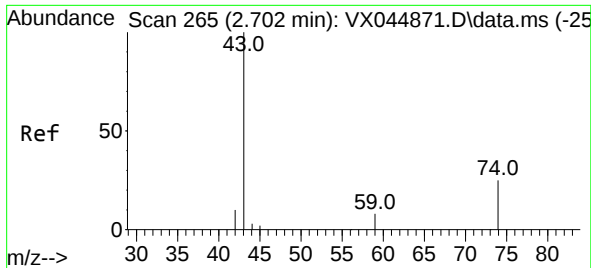
Delta R.T. 0.006 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 43 | Resp: | 4276       |
| Ion Ratio   | Lower | Upper      |
| 43          | 100   |            |
| 58          | 23.7  | 26.5 39.7# |

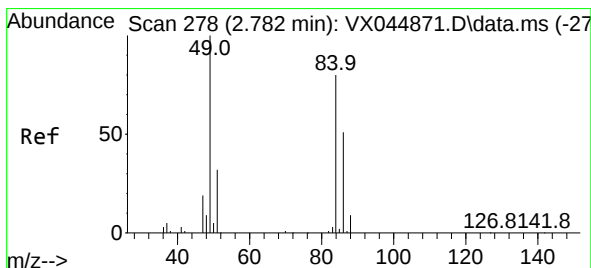
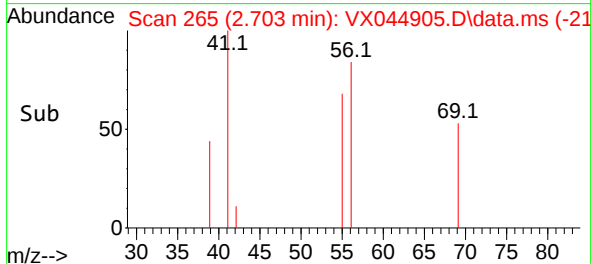
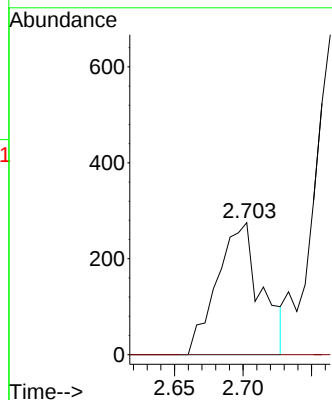
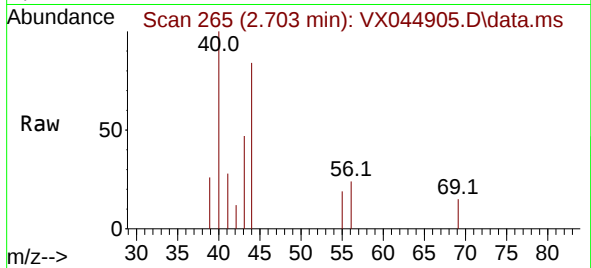




#18  
Methyl Acetate  
Concen: 0.342 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

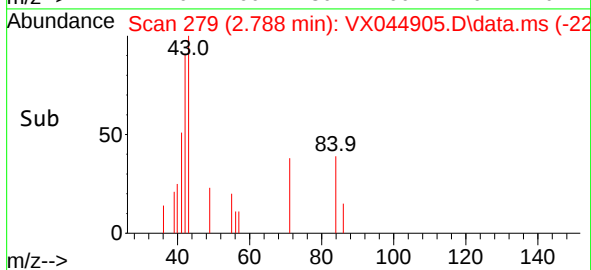
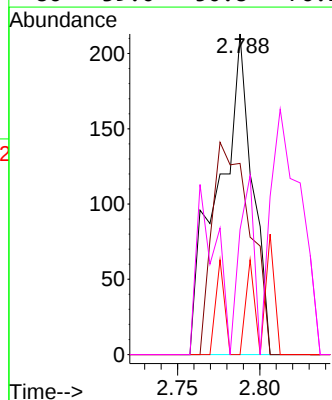
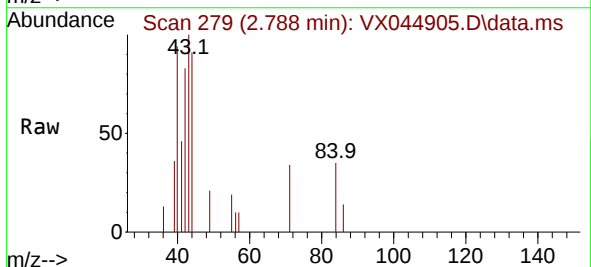
Instrument :  
MSVOA\_X  
ClientSampleId :

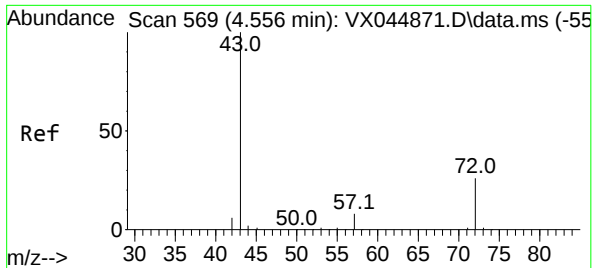
Tgt Ion: 43 Resp: 612  
Ion Ratio Lower Upper  
43 100  
74 0.0 18.9 28.3#



#20  
Methylene Chloride  
Concen: 0.222 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 84 Resp: 308  
Ion Ratio Lower Upper  
84 100  
49 59.6 100.1 150.1#  
51 0.0 31.7 47.5#  
86 39.0 50.8 76.2#

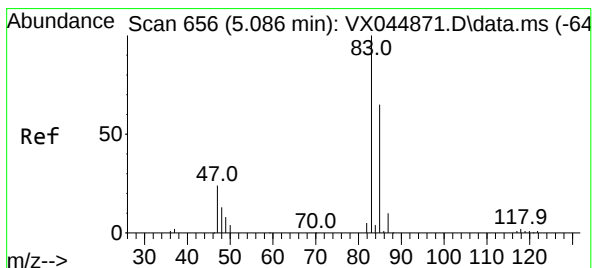
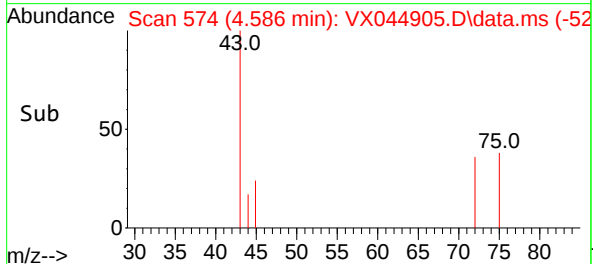
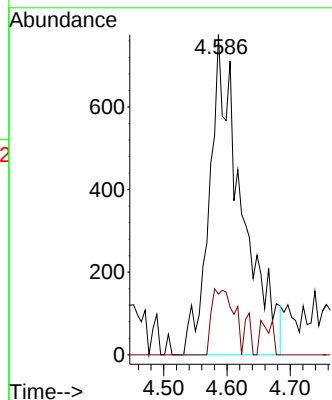
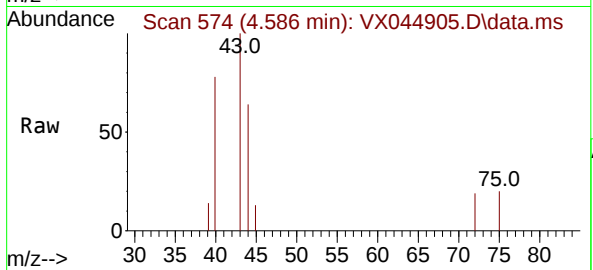




#25  
2-Butanone  
Concen: 2.972 ug/l  
RT: 4.586 min Scan# 51  
Delta R.T. 0.031 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

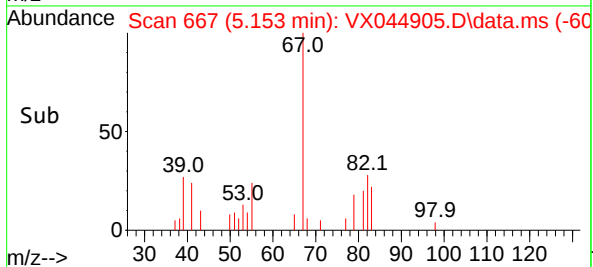
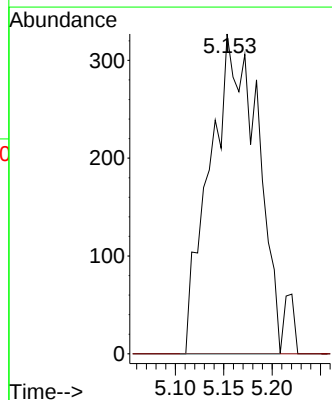
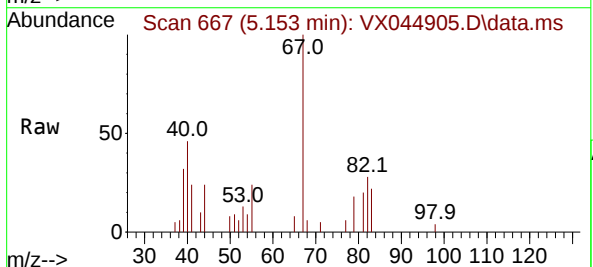
Instrument :  
MSVOA\_X  
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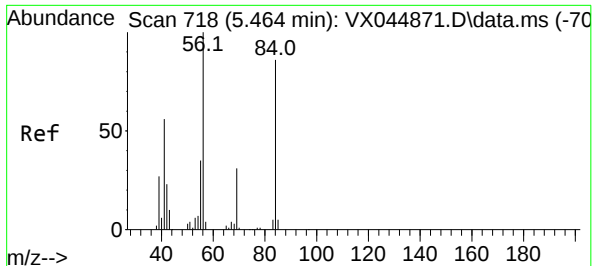
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Ion Ratio Lower Upper  
43 100  
72 19.0 21.2 31.8#



#30  
Chloroform  
Concen: 0.487 ug/l  
RT: 5.153 min Scan# 667  
Delta R.T. 0.067 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

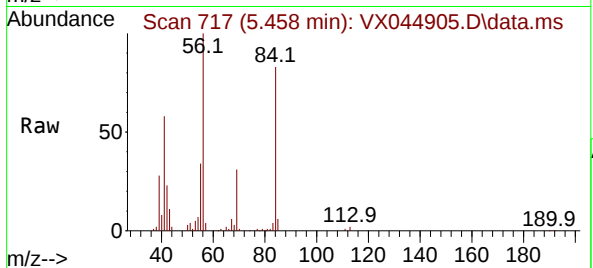
Tgt Ion: 83 Resp: 1123  
Ion Ratio Lower Upper  
83 100  
85 0.0 52.1 78.1#



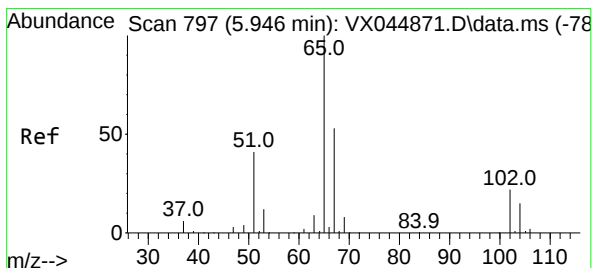
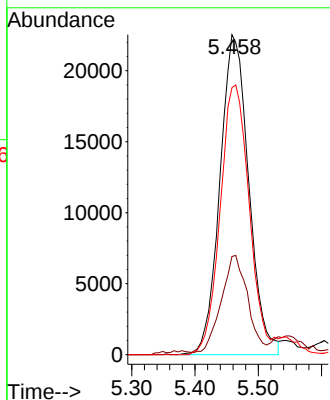
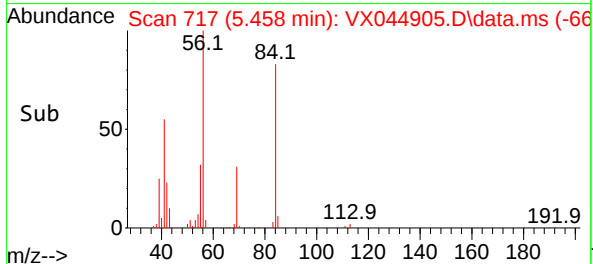


#31  
Cyclohexane  
Concen: 32.522 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :

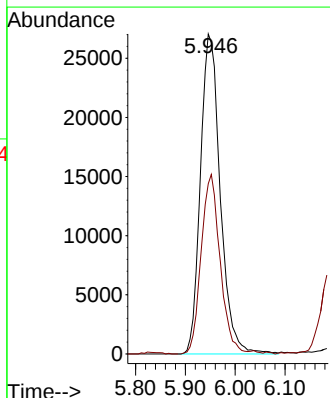
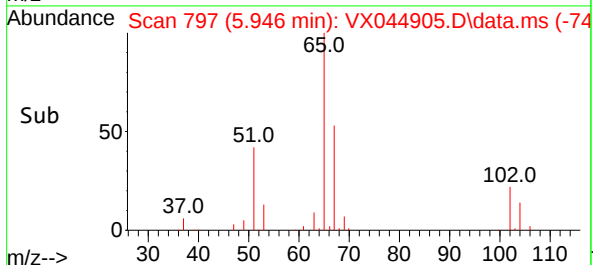
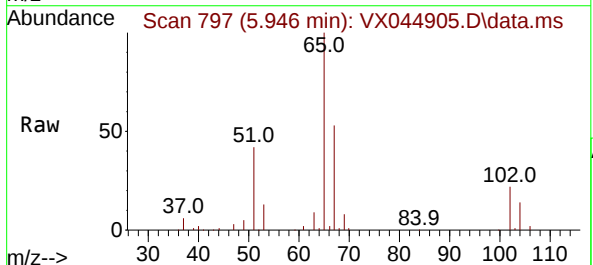


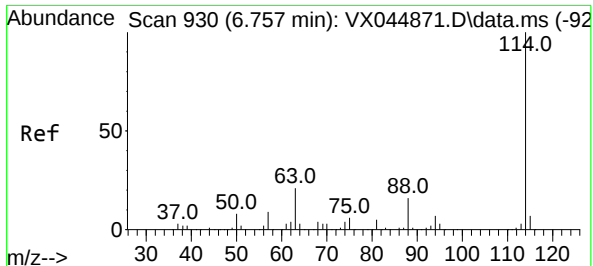
Tgt Ion: 56 Resp: 71242  
Ion Ratio Lower Upper  
56 100  
69 29.8 24.4 36.6  
84 83.5 69.0 103.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.911 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 65 Resp: 74633  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 108.2

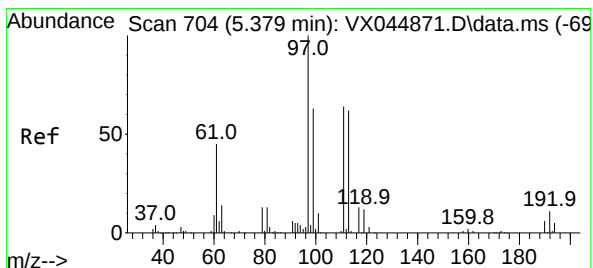
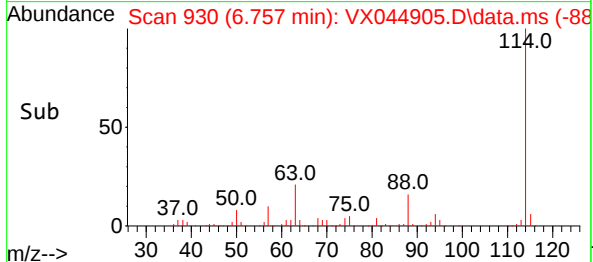
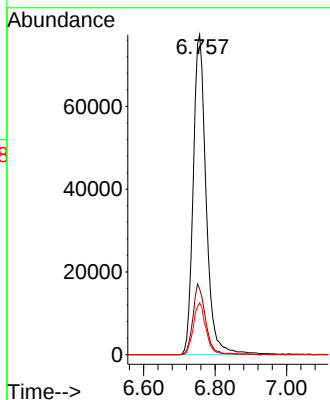
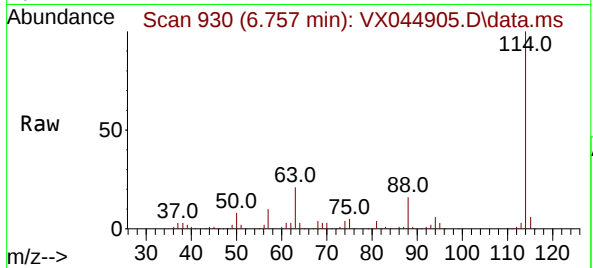




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

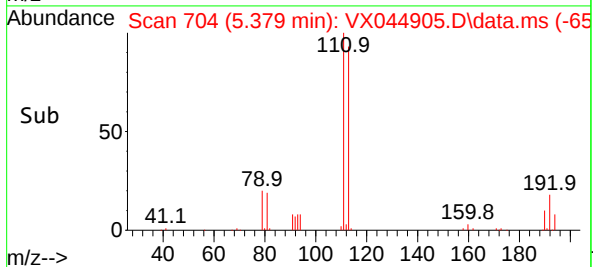
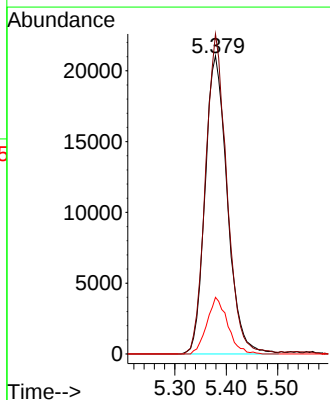
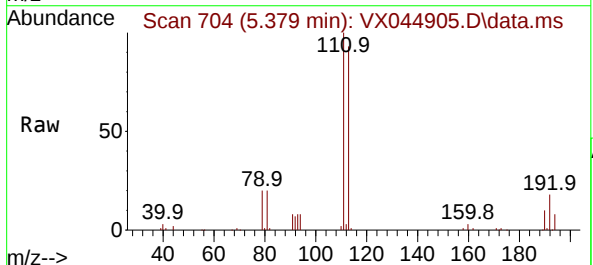
Instrument :  
MSVOA\_X  
ClientSampleId :

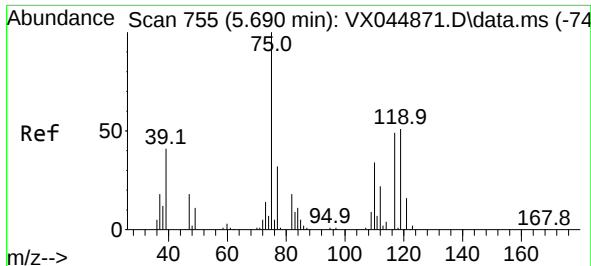
Tgt Ion:114 Resp: 194399  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 42.4  
88 16.2 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 50.048 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

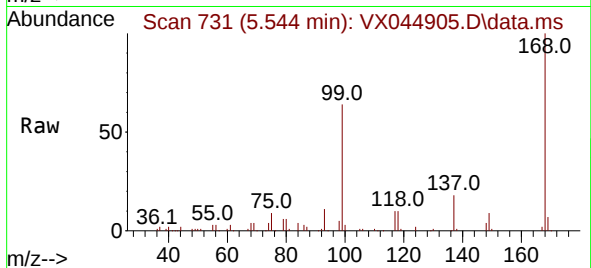
Tgt Ion:113 Resp: 63256  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.5 125.3  
192 17.7 14.4 21.6



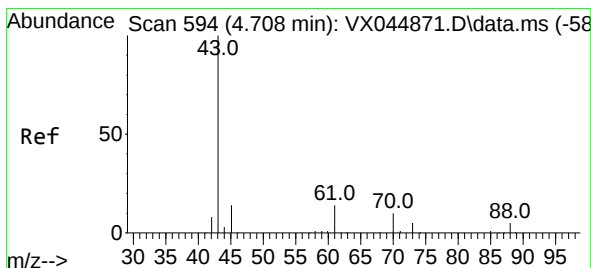
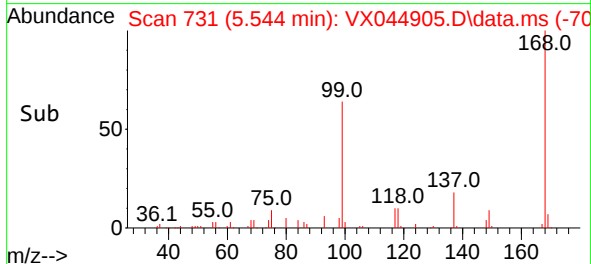
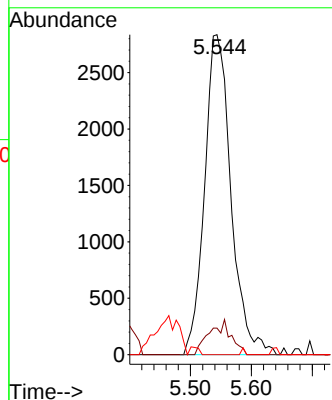


#36  
1,1-Dichloropropene  
Concen: 4.693 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :

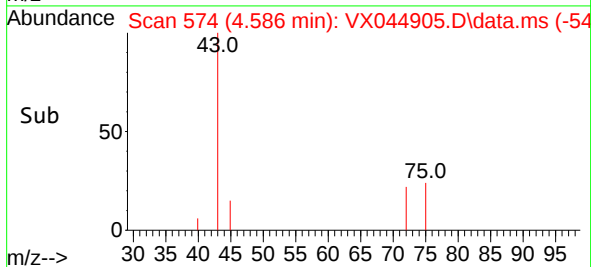
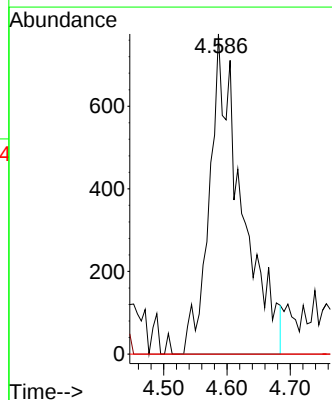
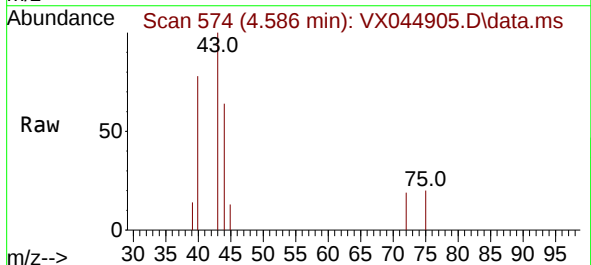


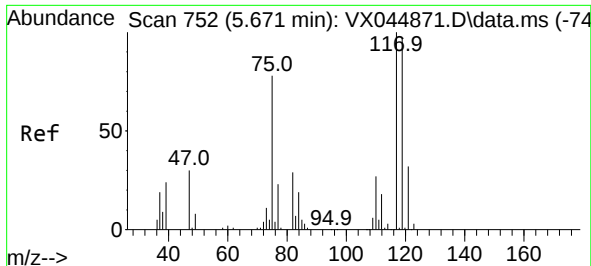
Tgt Ion: 75 Resp: 8558  
Ion Ratio Lower Upper  
75 100  
110 5.2 17.2 51.6#  
77 0.0 24.6 37.0#



#37  
Ethyl Acetate  
Concen: 1.349 ug/l  
RT: 4.586 min Scan# 574  
Delta R.T. -0.122 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

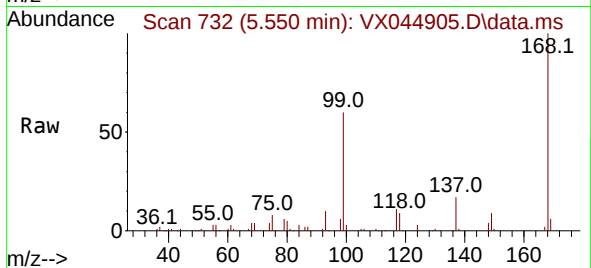
Tgt Ion: 43 Resp: 2737  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.0 16.4#  
70 0.0 8.2 12.2#



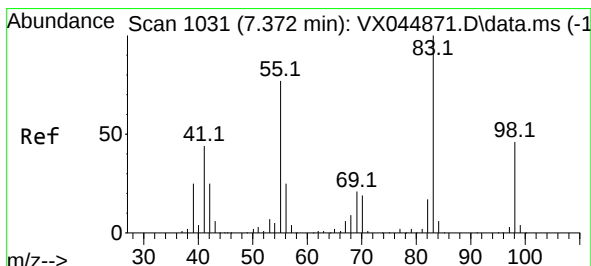
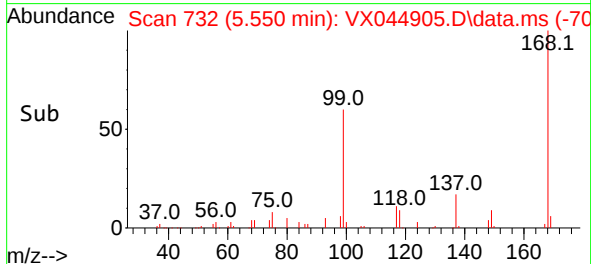
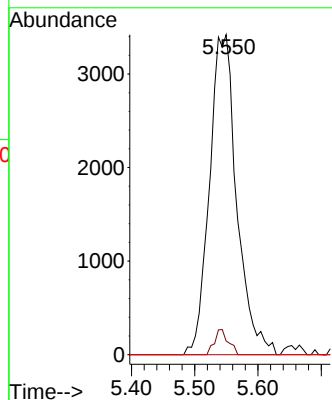


#38  
Carbon Tetrachloride  
Concen: 5.737 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :

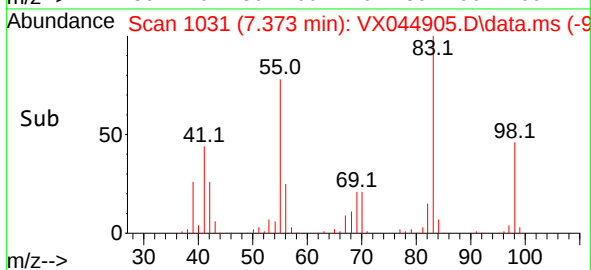
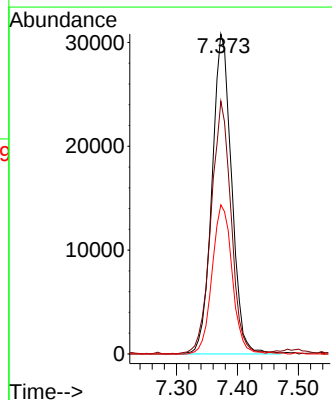
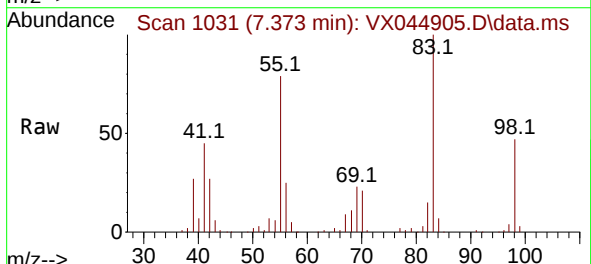


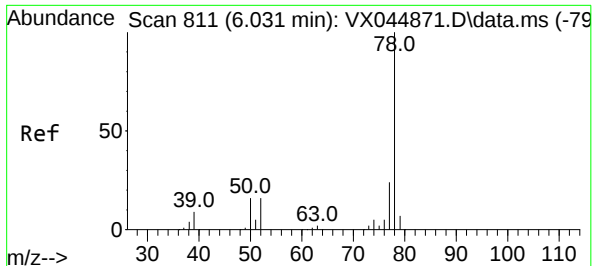
Tgt Ion:117 Resp: 10251  
Ion Ratio Lower Upper  
117 100  
119 4.3 77.5 116.3#  
121 0.0 25.6 38.4#



#39  
Methylcyclohexane  
Concen: 29.213 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 83 Resp: 68869  
Ion Ratio Lower Upper  
83 100  
55 78.8 61.3 91.9  
98 46.6 37.0 55.6

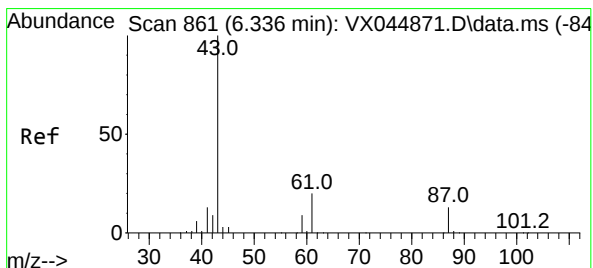
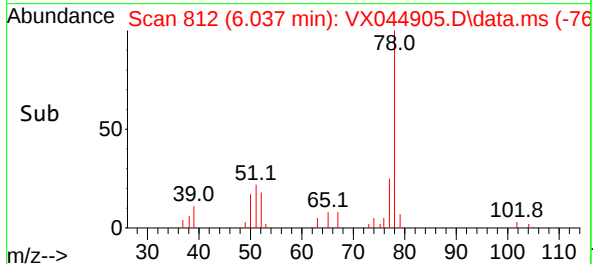
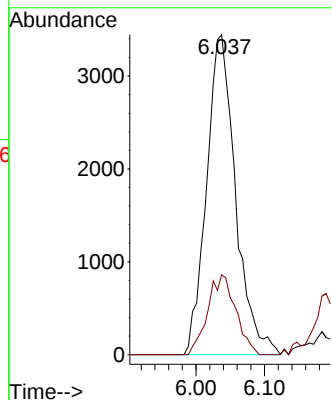
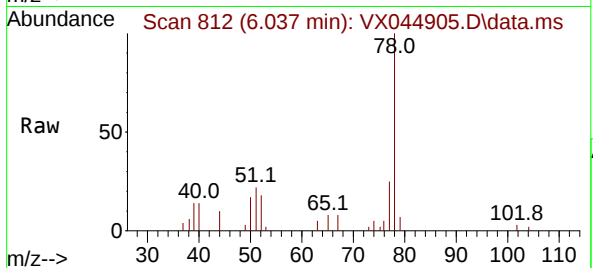




#40  
Benzene  
Concen: 1.779 ug/l  
RT: 6.037 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

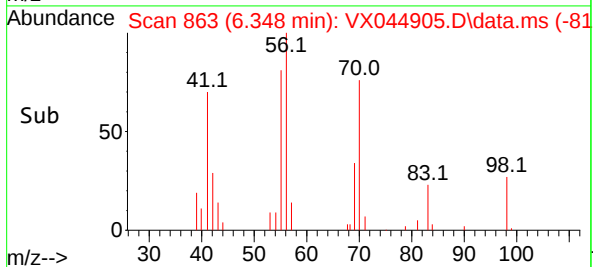
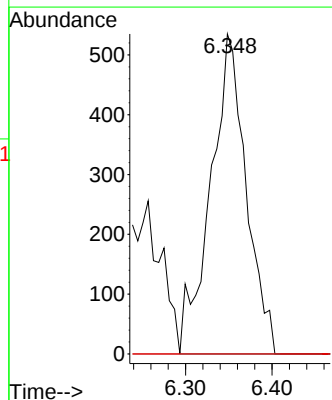
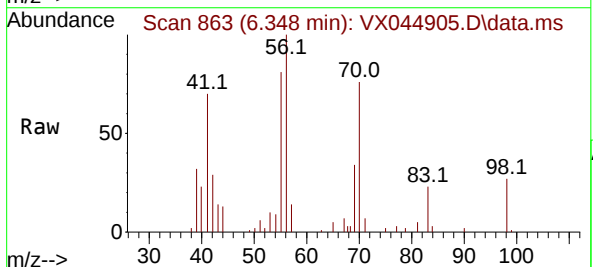
Instrument :  
MSVOA\_X  
ClientSampleId :

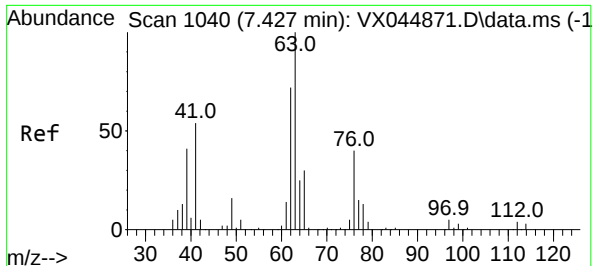
Tgt Ion: 78 Resp: 10130  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.0 28.6



#43  
Isopropyl Acetate  
Concen: 0.465 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 43 Resp: 1524  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.8 23.8#  
87 0.0 10.0 15.0#





#45

1,2-Dichloropropane

Concen: 0.477 ug/l

RT: 7.379 min Scan# 1109

Delta R.T. -0.049 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

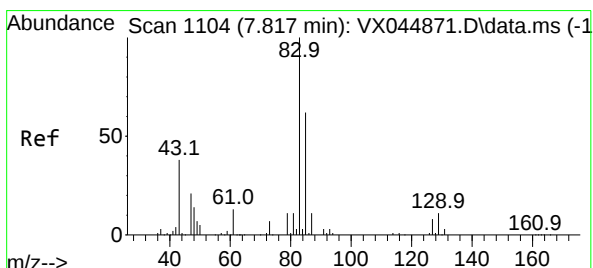
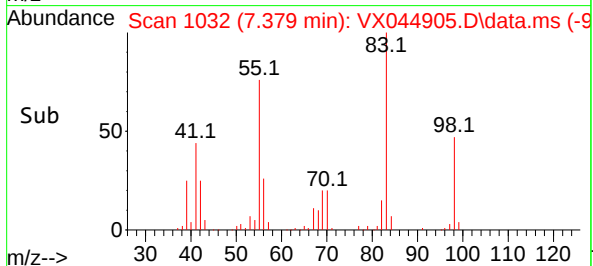
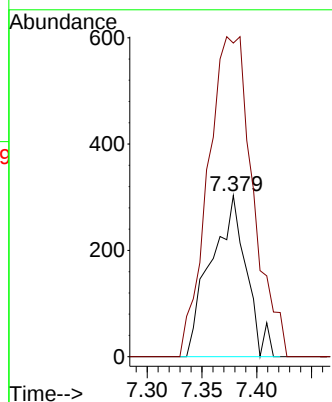
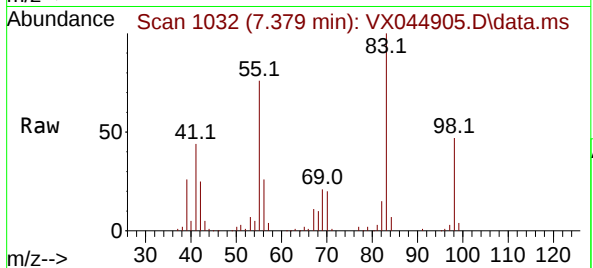
ClientSampleId :

Tgt Ion: 63 Resp: 676

Ion Ratio Lower Upper

63 100

65 194.7 24.2 36.4#



#47

Bromodichloromethane

Concen: 0.410 ug/l

RT: 7.860 min Scan# 1111

Delta R.T. 0.043 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

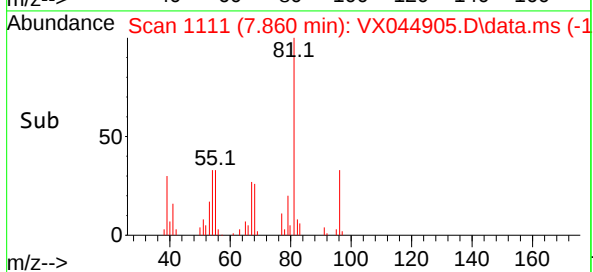
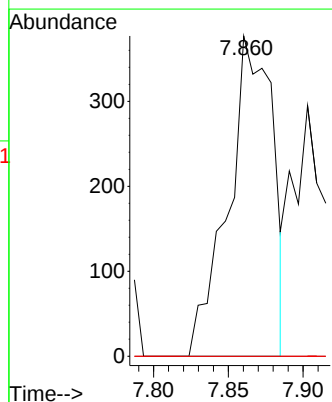
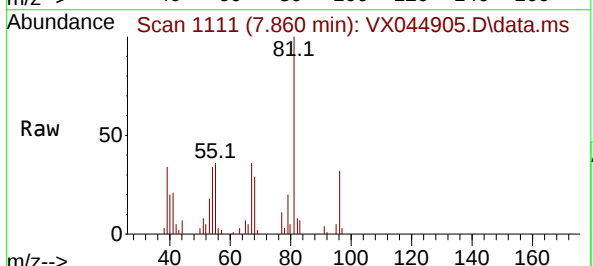
Tgt Ion: 83 Resp: 780

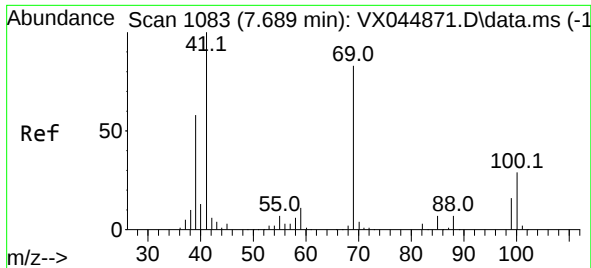
Ion Ratio Lower Upper

83 100

85 0.0 50.0 75.0#

127 0.0 6.4 9.6#

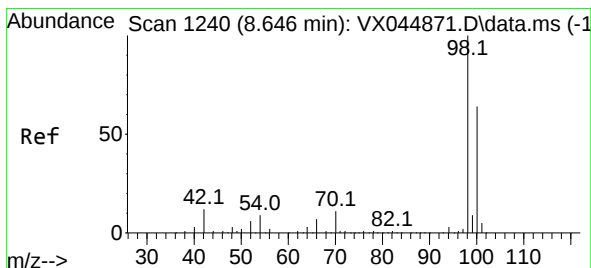
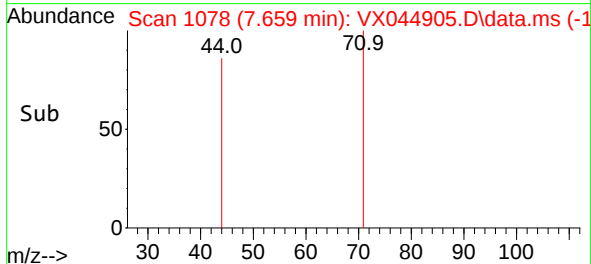
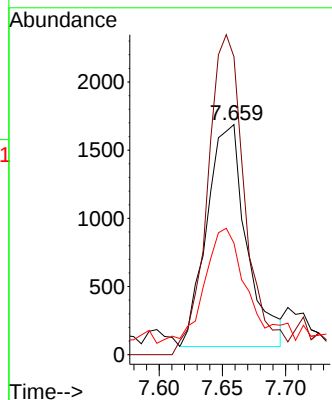
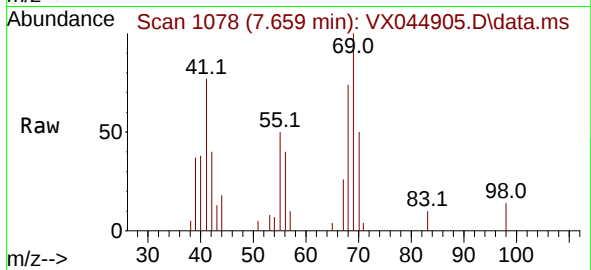




#48  
Methyl methacrylate  
Concen: 2.303 ug/l  
RT: 7.659 min Scan# 1083  
Delta R.T. -0.030 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

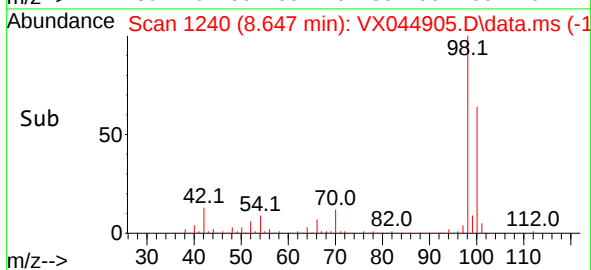
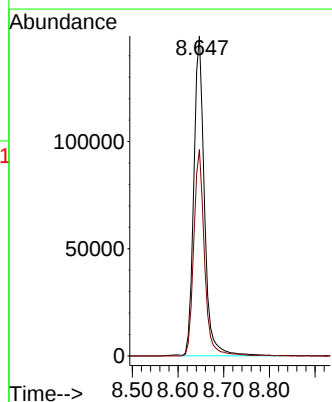
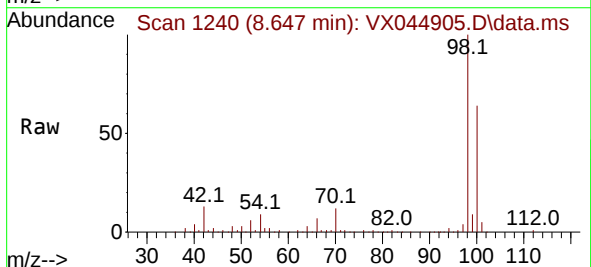
Instrument :  
MSVOA\_X  
ClientSampleId :

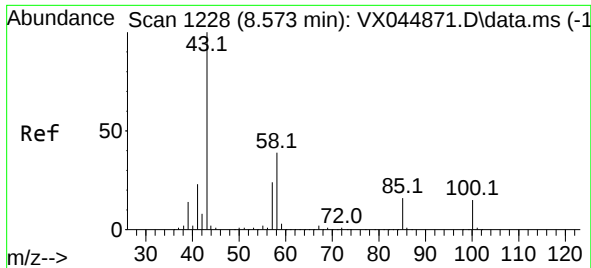
Tgt Ion: 41 Resp: 3557  
Ion Ratio Lower Upper  
41 100  
69 135.5 65.8 98.8#  
39 51.7 46.4 69.6



#50  
Toluene-d8  
Concen: 50.376 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 98 Resp: 240764  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.7 79.1

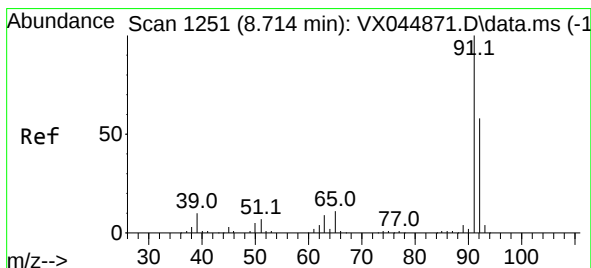
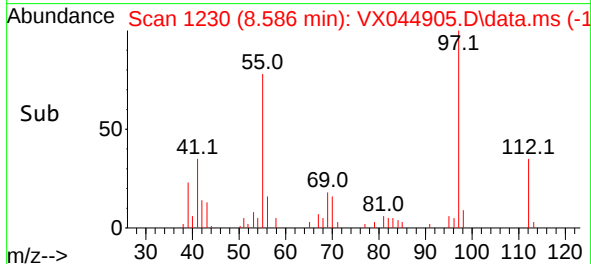
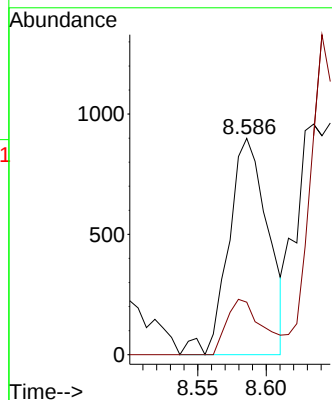
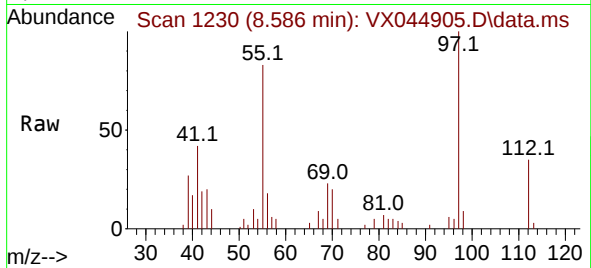




#51  
4-Methyl-2-Pentanone  
Concen: 0.900 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.012 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

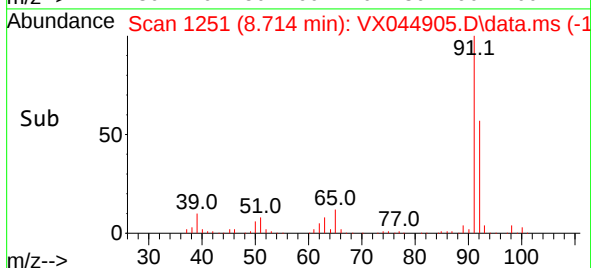
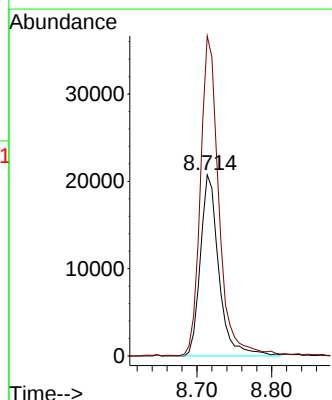
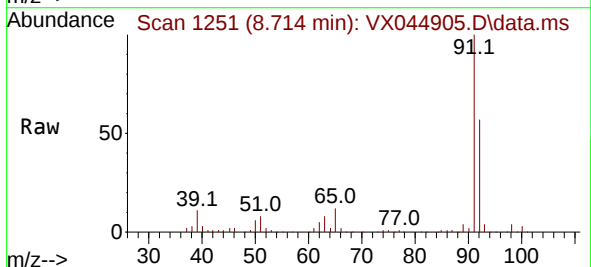
Instrument :  
MSVOA\_X  
ClientSampleId :

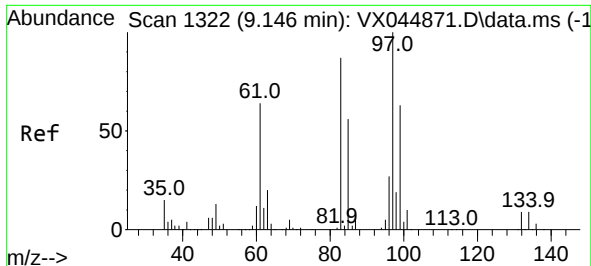
Tgt Ion: 43 Resp: 1793  
Ion Ratio Lower Upper  
43 100  
58 23.3 30.8 46.2#



#52  
Toluene  
Concen: 10.503 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

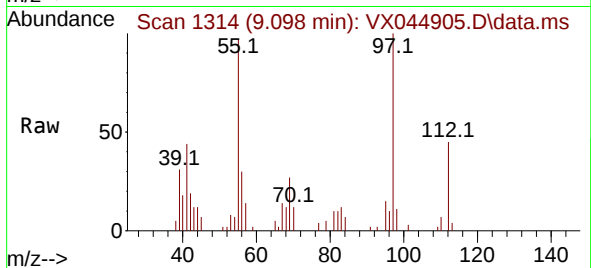
Tgt Ion: 92 Resp: 35618  
Ion Ratio Lower Upper  
92 100  
91 175.3 137.4 206.2



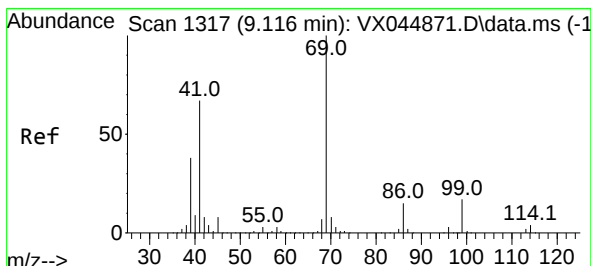
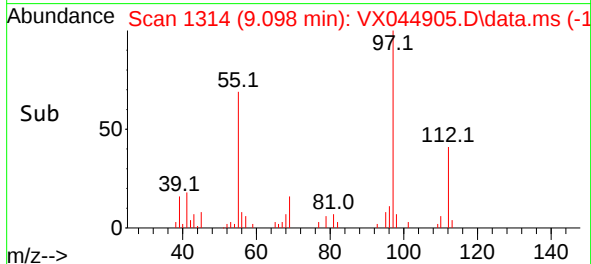
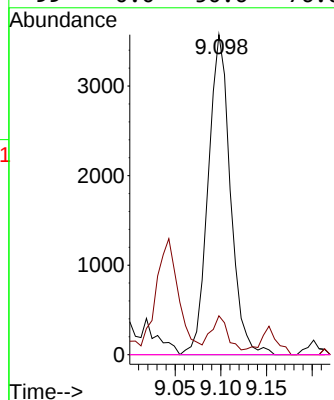


#55  
 1,1,2-Trichloroethane  
 Concen: 4.627 ug/l  
 RT: 9.098 min Scan# 11  
 Delta R.T. -0.049 min  
 Lab File: VX044905.D  
 Acq: 11 Feb 2025 14:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :

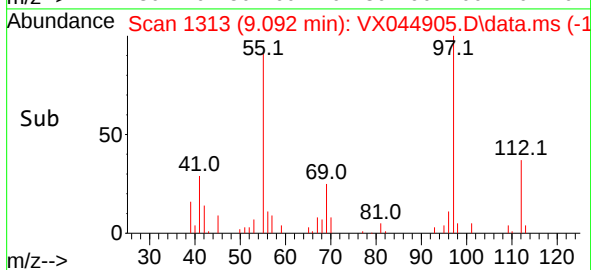
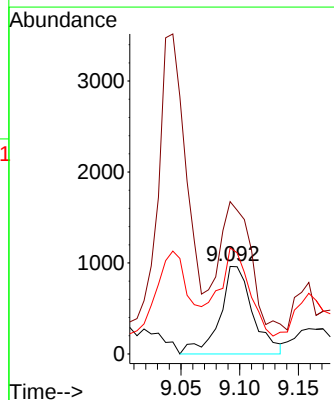
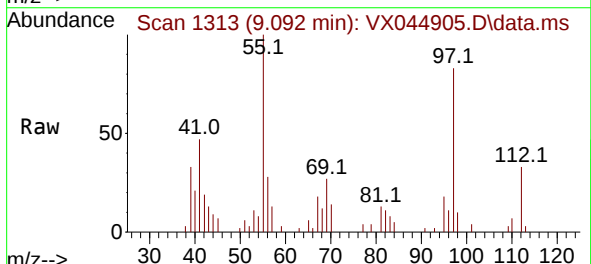


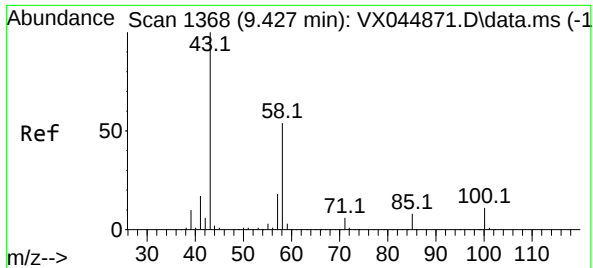
| Tgt Ion: | 97    | Resp: | 6032   |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 9.3   | 69.8  | 104.6# |
| 85       | 0.0   | 44.8  | 67.2#  |
| 99       | 0.0   | 50.6  | 76.0#  |



#56  
 Ethyl methacrylate  
 Concen: 0.891 ug/l  
 RT: 9.092 min Scan# 1313  
 Delta R.T. -0.024 min  
 Lab File: VX044905.D  
 Acq: 11 Feb 2025 14:52

| Tgt Ion: | 69    | Resp: | 1876  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 148.0 | 55.2  | 82.8# |
| 39       | 102.5 | 30.8  | 46.2# |

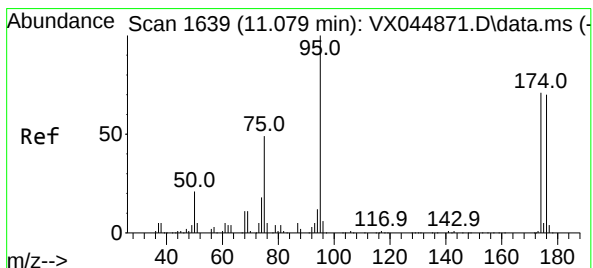
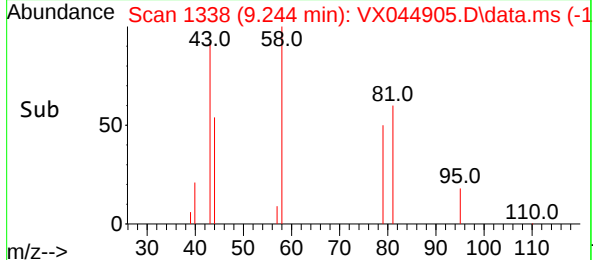
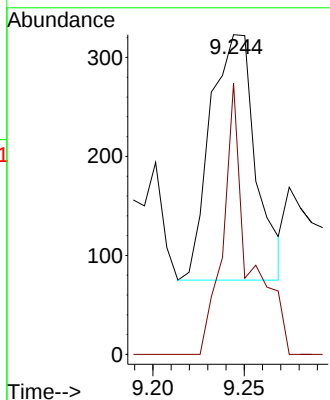
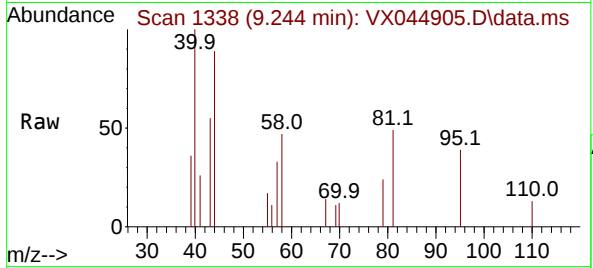




#59  
2-Hexanone  
Concen: 0.299 ug/l  
RT: 9.244 min Scan# 11  
Delta R.T. -0.183 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

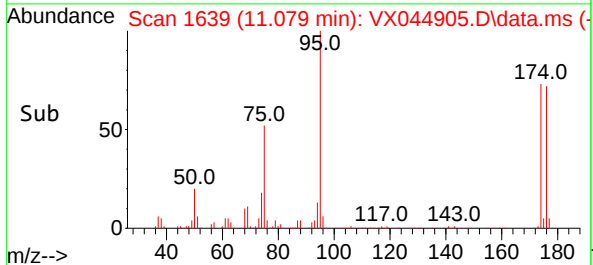
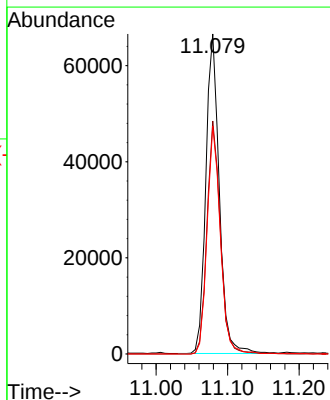
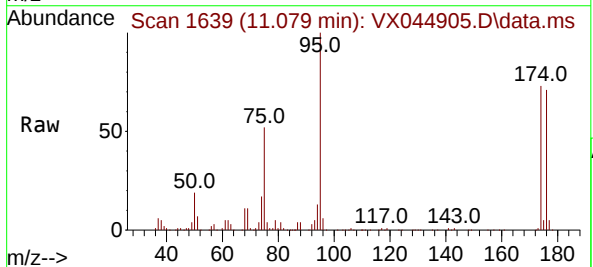
Instrument :  
MSVOA\_X  
ClientSampleId :

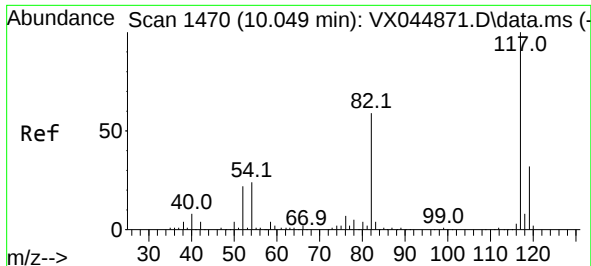
Tgt Ion: 43 Resp: 429  
Ion Ratio Lower Upper  
43 100  
58 62.2 27.5 82.4



#62  
4-Bromofluorobenzene  
Concen: 54.075 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 95 Resp: 87127  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 142.6  
176 69.9 0.0 141.6

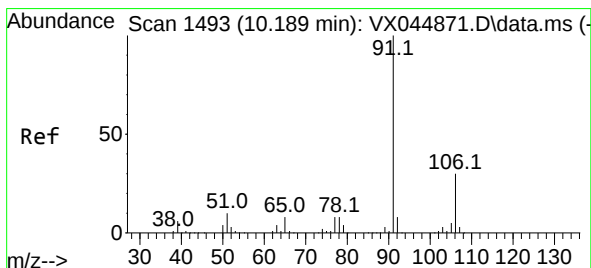
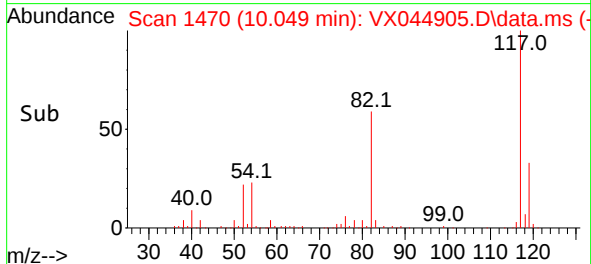
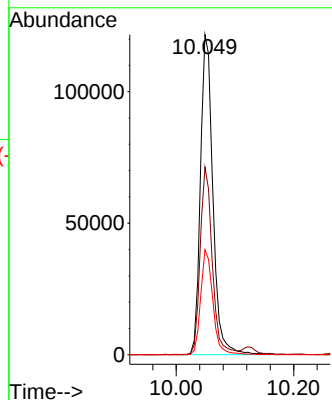
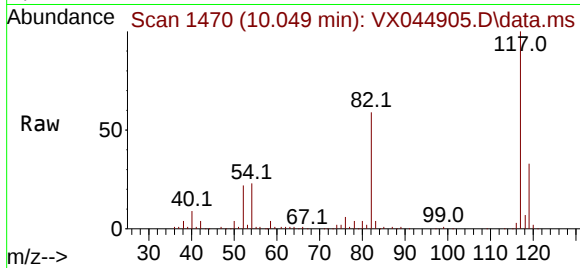




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

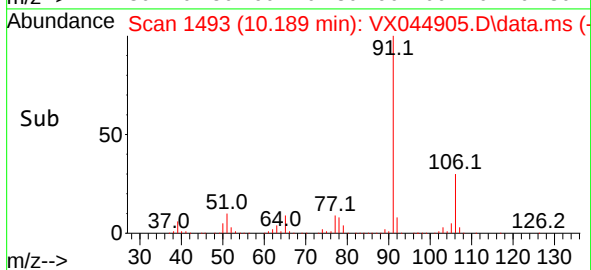
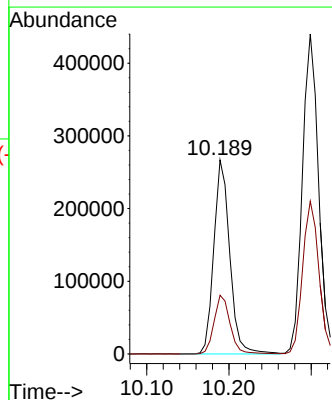
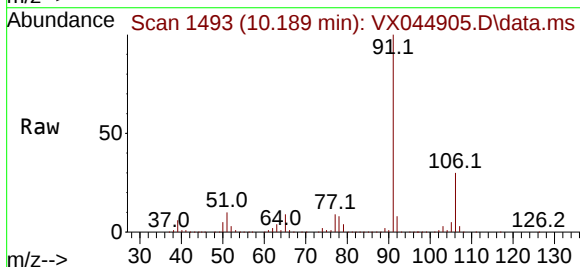
Instrument :  
MSVOA\_X  
ClientSampleId :

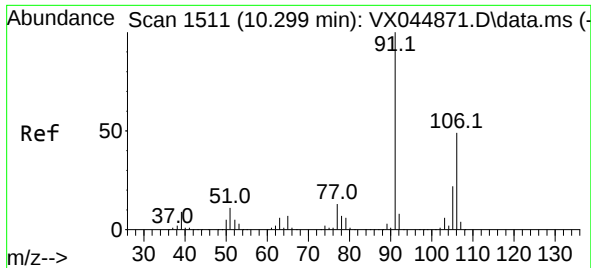
Tgt Ion:117 Resp: 179329  
Ion Ratio Lower Upper  
117 100  
82 58.6 47.5 71.3  
119 32.8 25.4 38.0



#67  
Ethyl Benzene  
Concen: 52.977 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 360090  
Ion Ratio Lower Upper  
91 100  
106 30.2 23.9 35.9

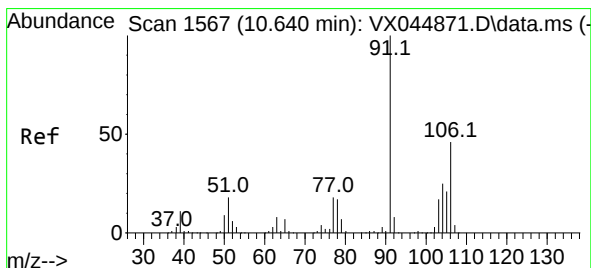
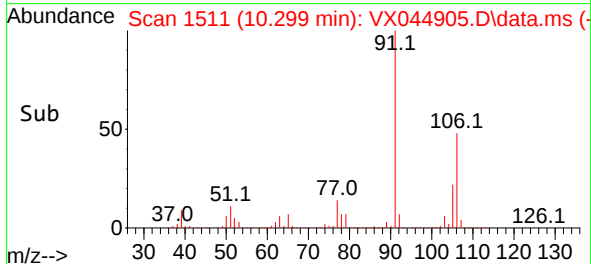
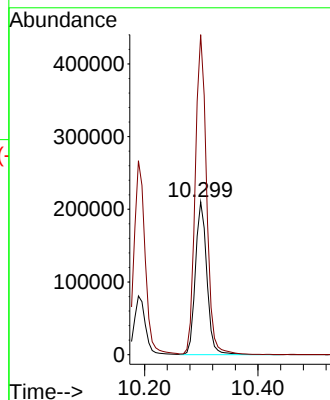
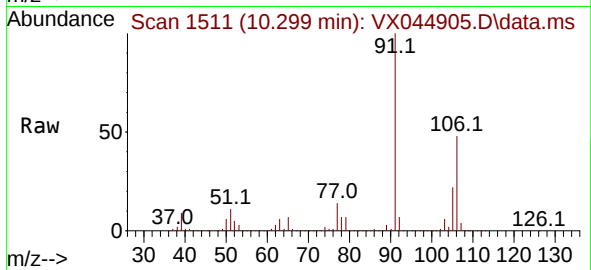




#68  
m/p-Xylenes  
Concen: 117.264 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

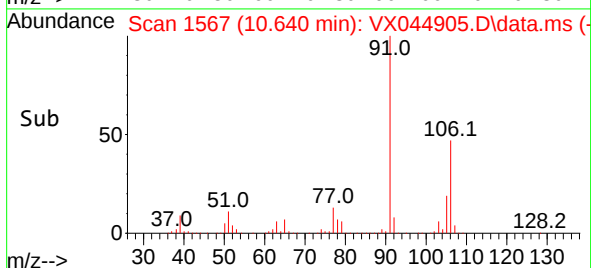
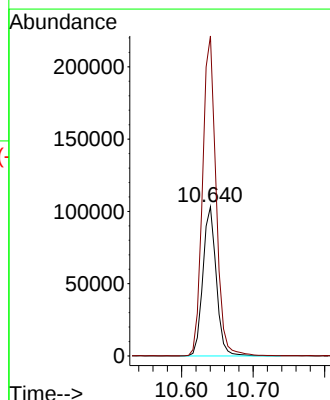
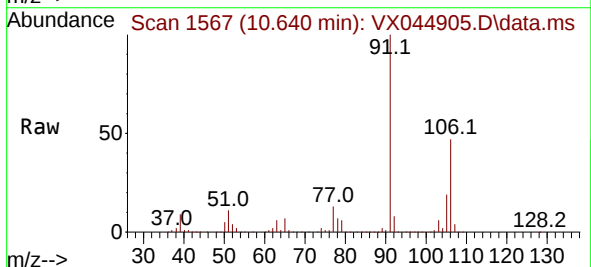
Instrument :  
MSVOA\_X  
ClientSampleId :

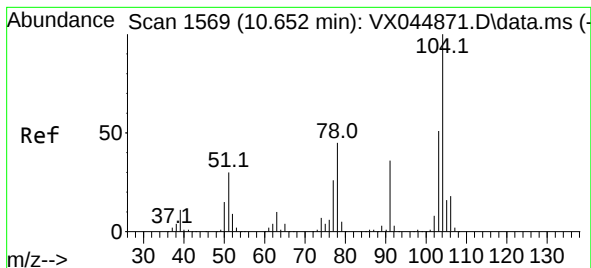
Tgt Ion:106 Resp: 294019  
Ion Ratio Lower Upper  
106 100  
91 207.1 164.3 246.5



#69  
o-Xylene  
Concen: 53.501 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion:106 Resp: 134603  
Ion Ratio Lower Upper  
106 100  
91 216.0 108.5 325.5





#70

Styrene

Concen: 2.008 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX044905.D

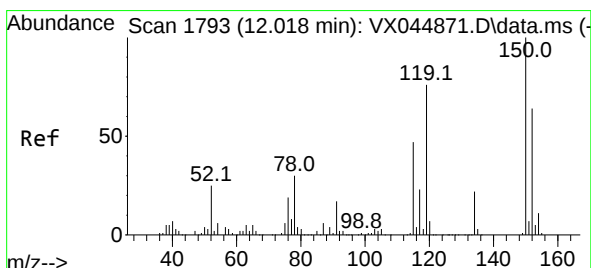
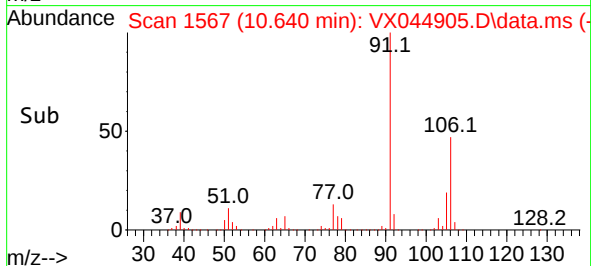
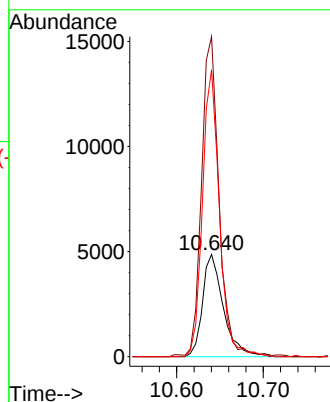
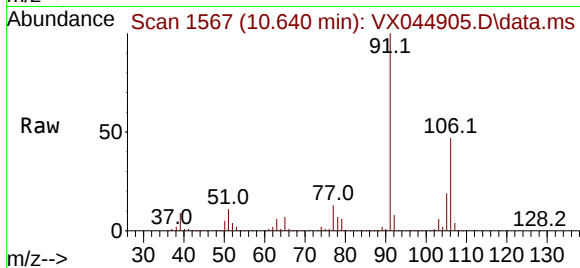
Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 8140       |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 262.5 | 40.5 60.7# |
| 103         | 228.9 | 43.6 65.4# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

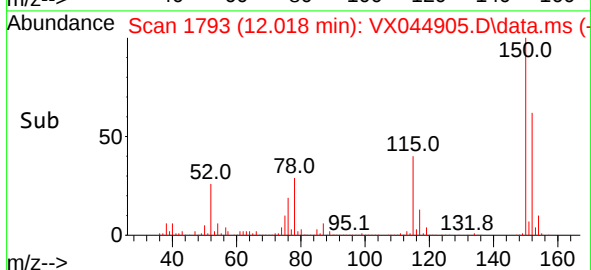
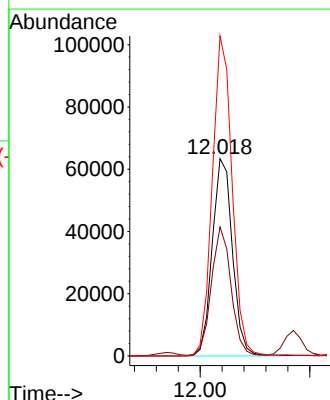
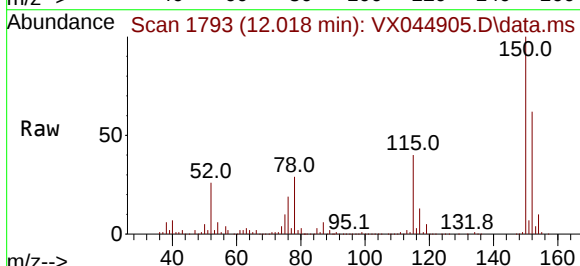
RT: 12.018 min Scan# 1793

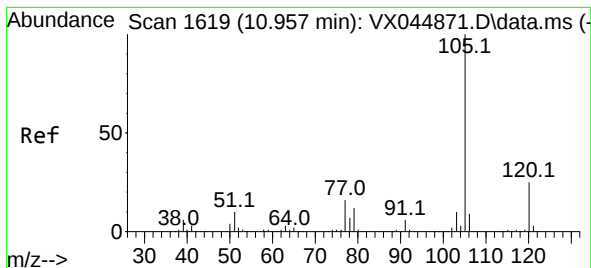
Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 80982      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 63.7  | 43.4 130.1 |
| 150         | 159.6 | 0.0 350.4  |





#73

Isopropylbenzene

Concen: 10.922 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

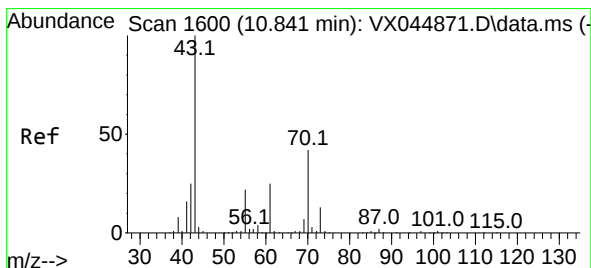
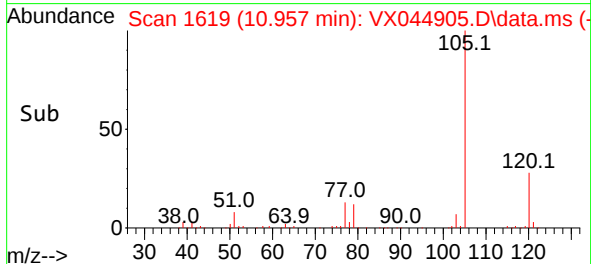
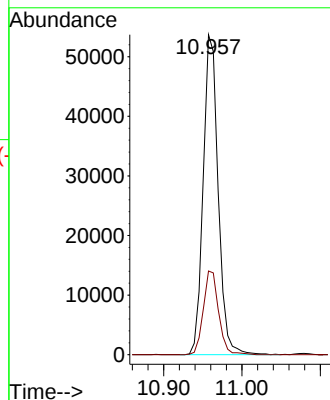
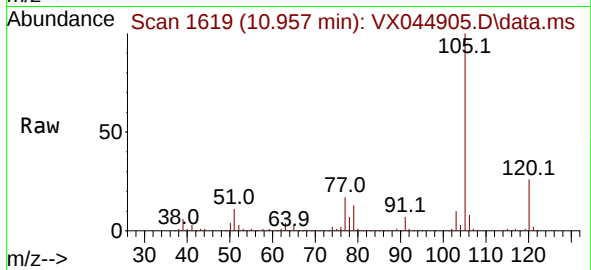
ClientSampleId :

Tgt Ion:105 Resp: 71219

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 0.738 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.049 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Tgt Ion: 43 Resp: 2177

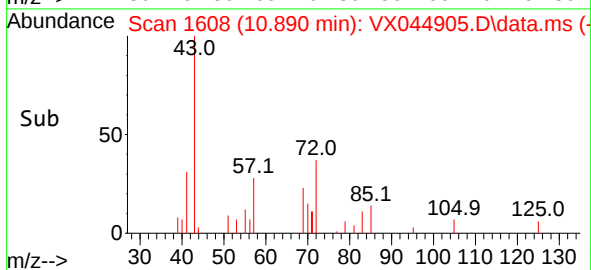
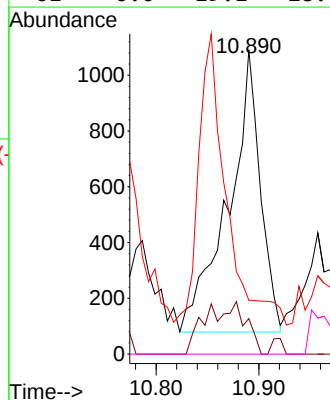
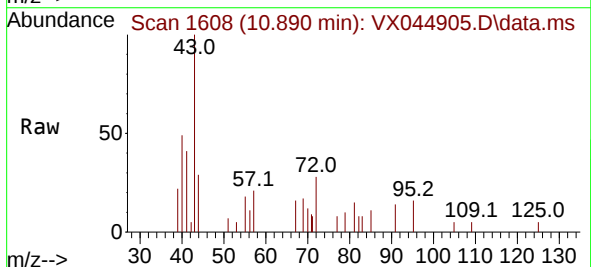
Ion Ratio Lower Upper

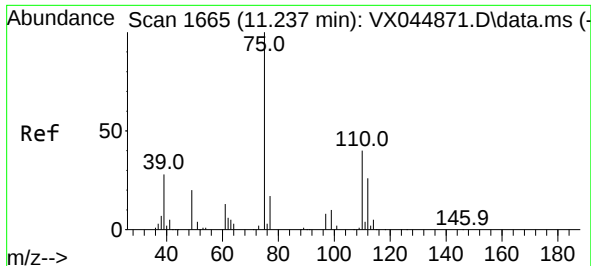
43 100

70 0.0 33.7 50.5#

55 0.0 18.6 27.8#

61 0.0 19.1 28.7#

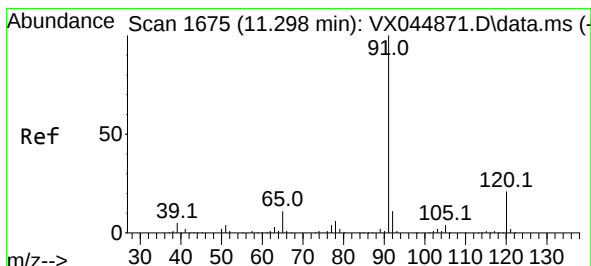
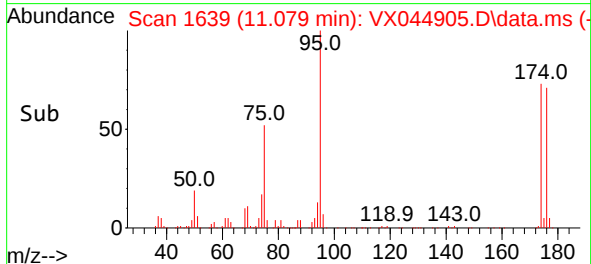
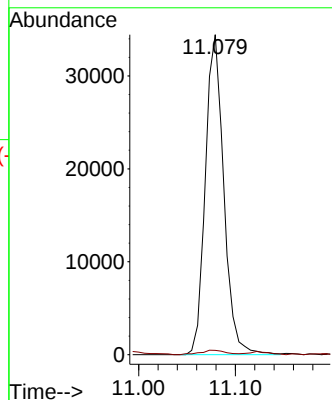
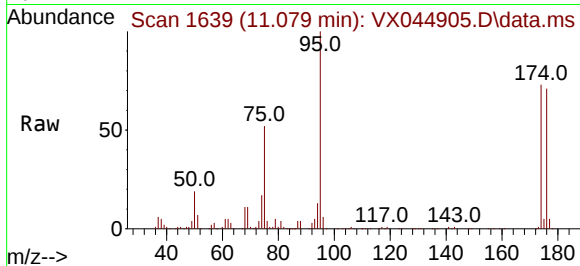




#76  
1,2,3-Trichloropropane  
Concen: 25.498 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

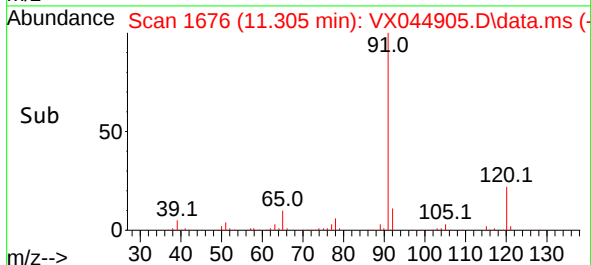
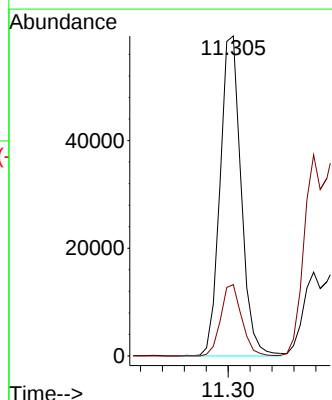
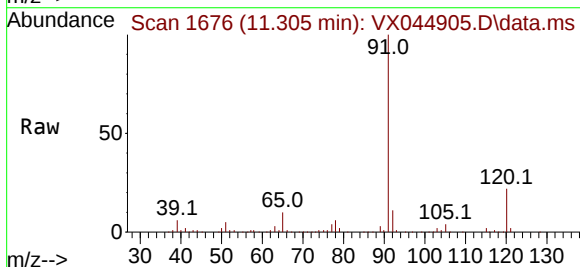
Instrument :  
MSVOA\_X  
ClientSampleId :

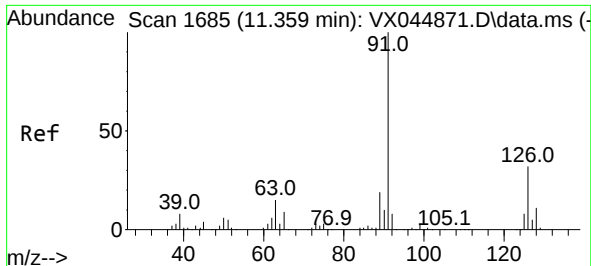
Tgt Ion: 75 Resp: 45781  
Ion Ratio Lower Upper  
75 100  
77 0.0 21.9 65.7#



#78  
n-propylbenzene  
Concen: 10.561 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 79483  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 3.627 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.019 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

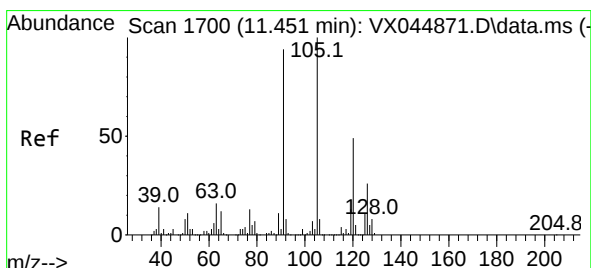
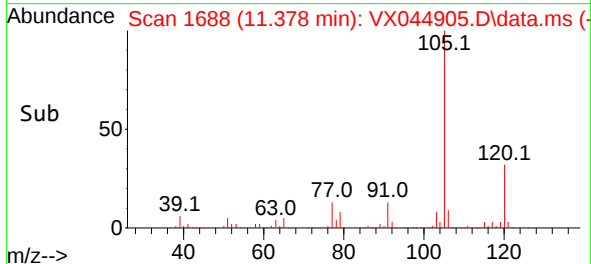
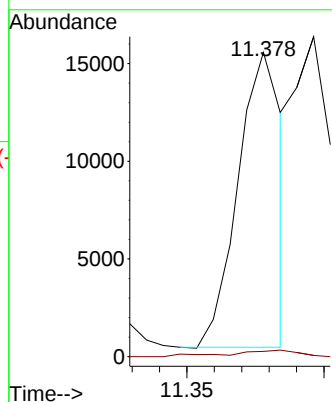
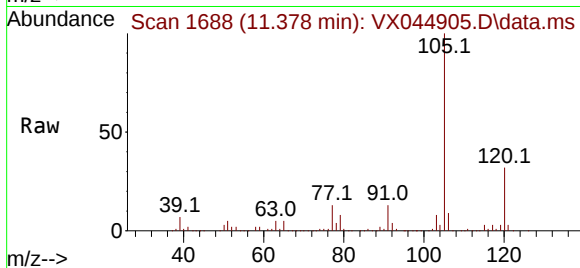
ClientSampleId :

Tgt Ion: 91 Resp: 16778

Ion Ratio Lower Upper

91 100

126 3.4 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 5.289 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044905.D

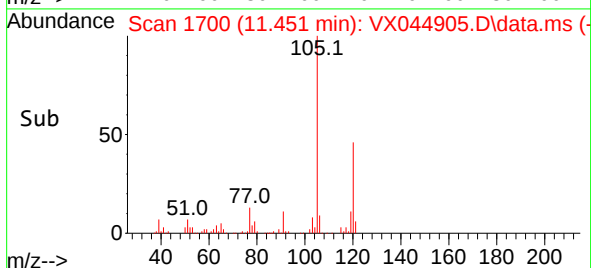
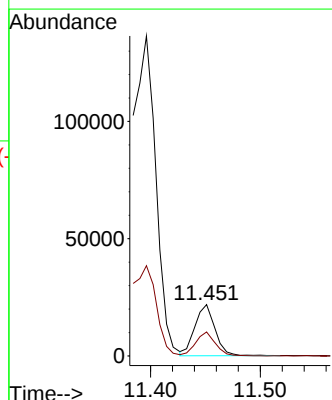
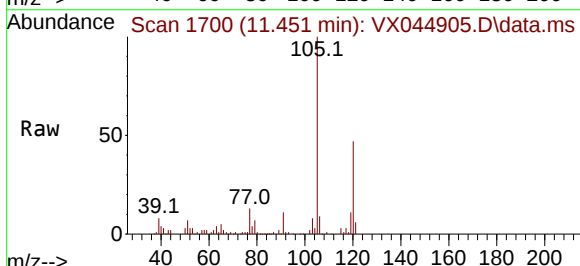
Acq: 11 Feb 2025 14:52

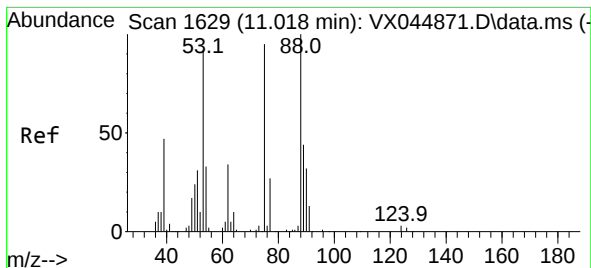
Tgt Ion:105 Resp: 27988

Ion Ratio Lower Upper

105 100

120 46.1 24.0 72.0

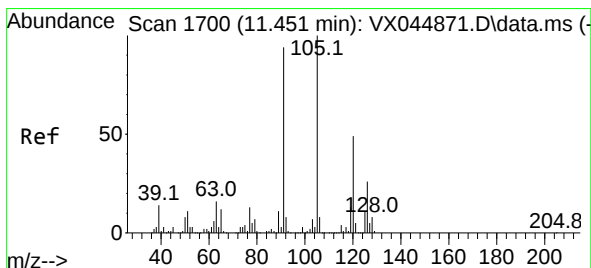
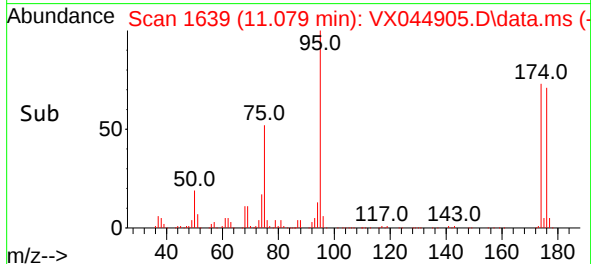
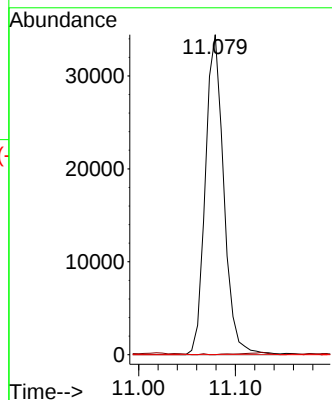
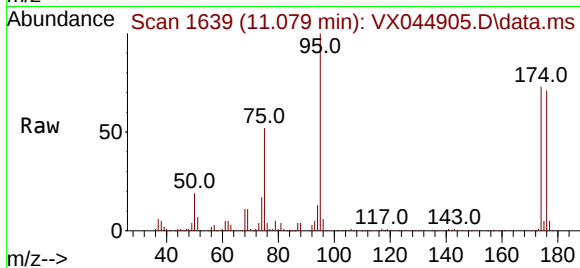




#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.590 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

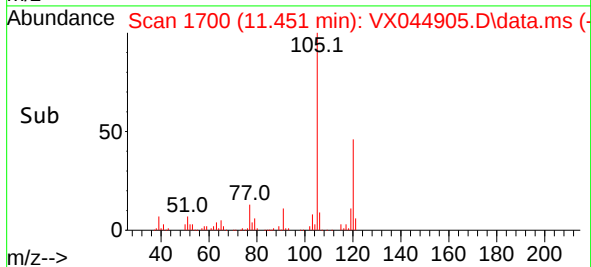
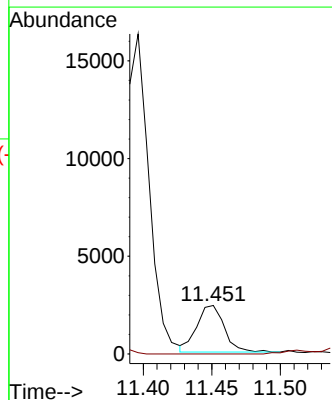
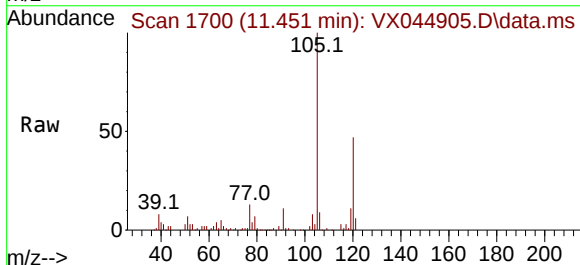
Instrument :  
MSVOA\_X  
ClientSampleId :

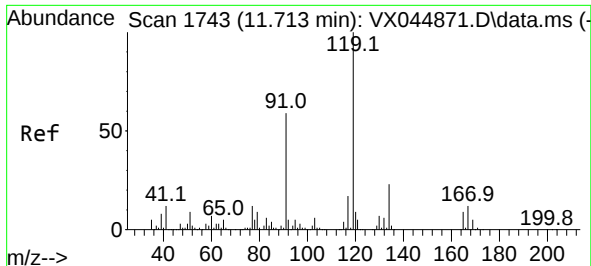
Tgt Ion: 75 Resp: 45781  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 36.6 54.8#



#82  
4-Chlorotoluene  
Concen: 0.649 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 3323  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#

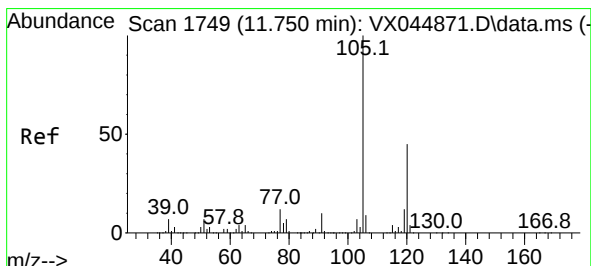
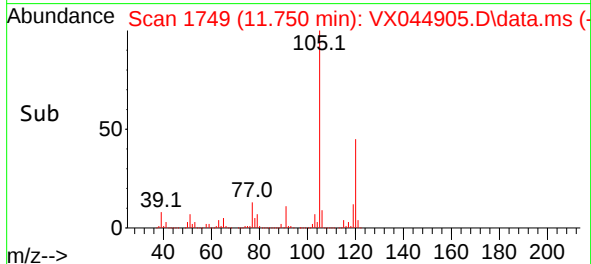
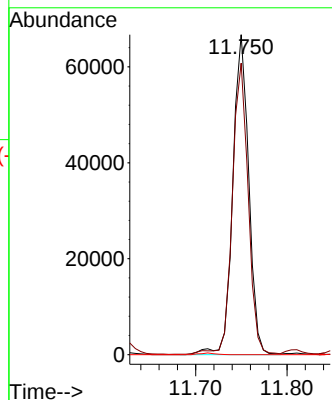
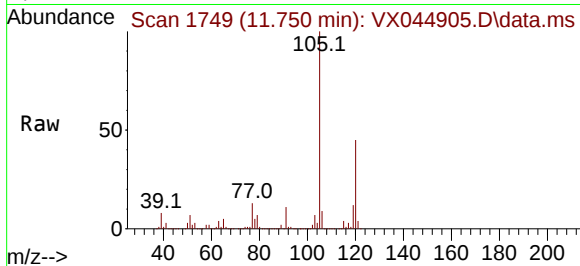




#83  
tert-Butylbenzene  
Concen: 15.079 ug/l  
RT: 11.750 min Scan# 11  
Delta R.T. 0.037 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

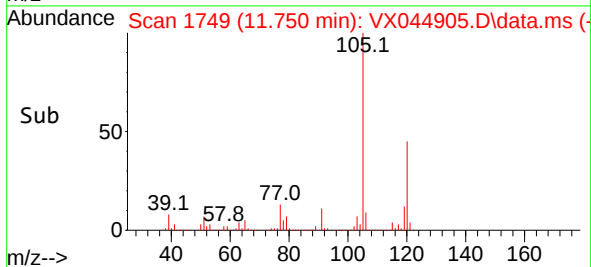
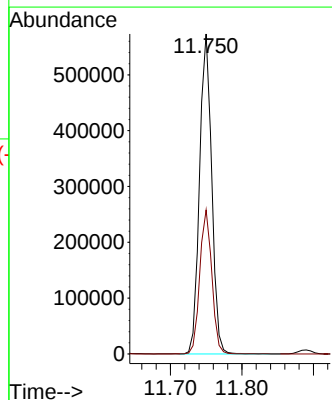
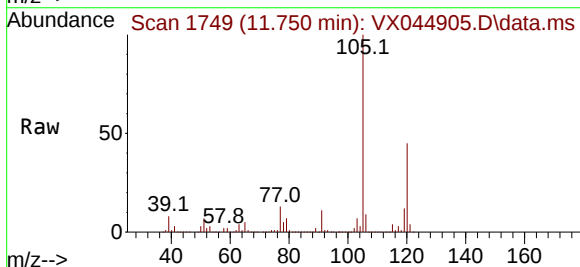
Instrument :  
MSVOA\_X  
ClientSampleId :

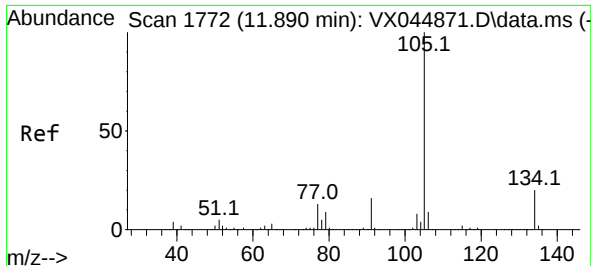
Tgt Ion:119 Resp: 80720  
Ion Ratio Lower Upper  
119 100  
91 90.5 29.1 87.4#  
134 0.0 11.5 34.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 128.908 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX044905.D  
Acq: 11 Feb 2025 14:52

Tgt Ion:105 Resp: 673235  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.4 67.0

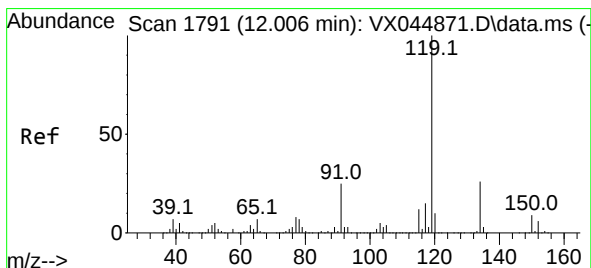
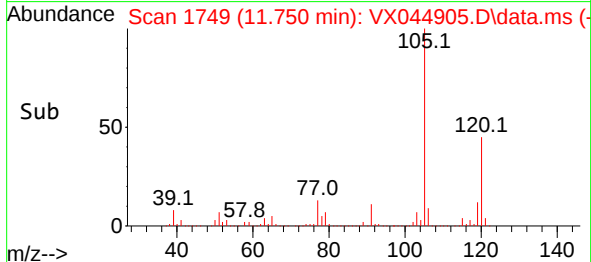
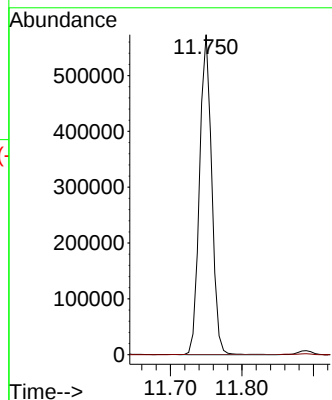
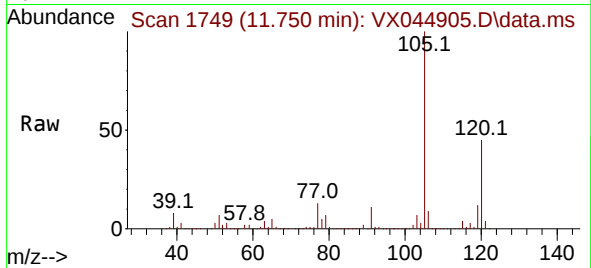




#85  
 sec-Butylbenzene  
 Concen: 101.565 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.140 min  
 Lab File: VX044905.D  
 Acq: 11 Feb 2025 14:52

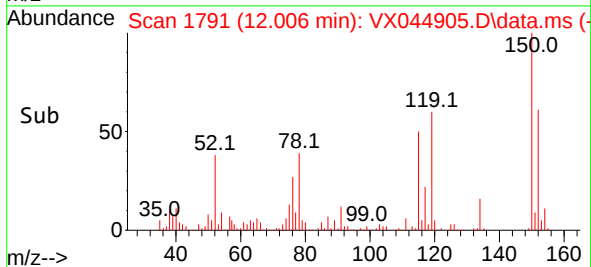
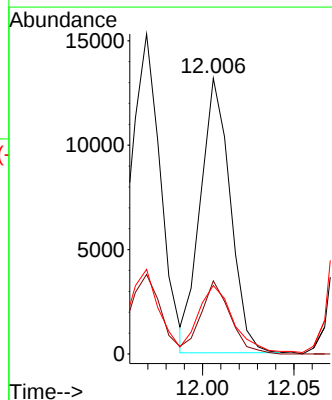
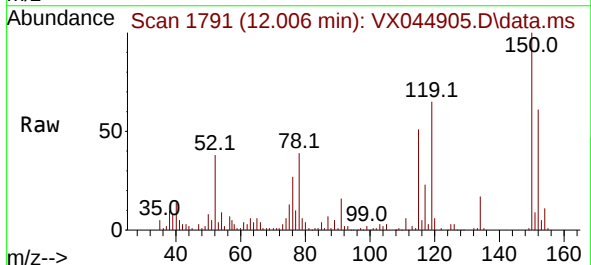
Instrument :  
 MSVOA\_X  
 ClientSampleId :

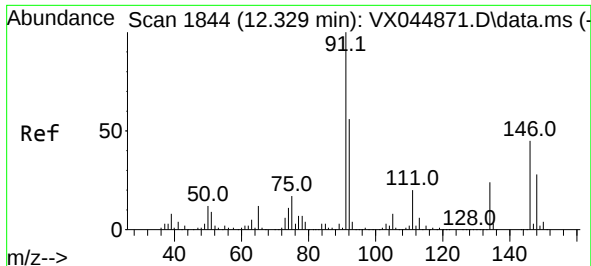
Tgt Ion:105 Resp: 673235  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.3#



#86  
 p-Isopropyltoluene  
 Concen: 2.808 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX044905.D  
 Acq: 11 Feb 2025 14:52

Tgt Ion:119 Resp: 14967  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.0 38.9  
 91 27.0 12.1 36.3





#89

n-Butylbenzene

Concen: 2.197 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA\_X

ClientSampleId :

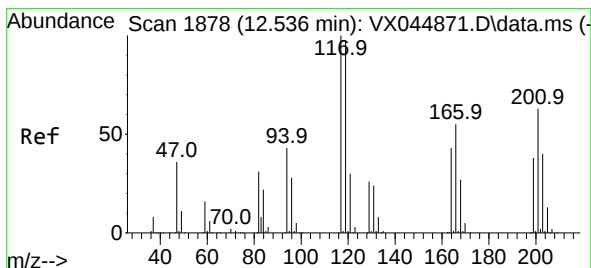
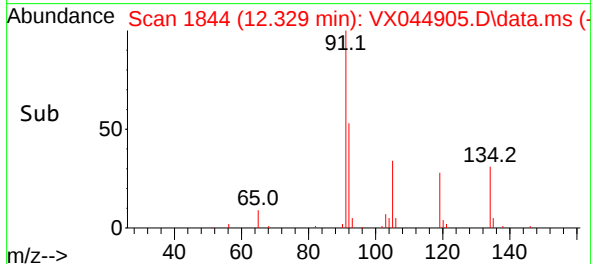
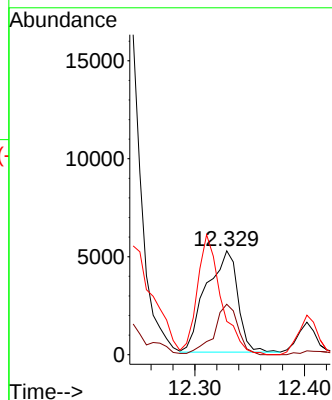
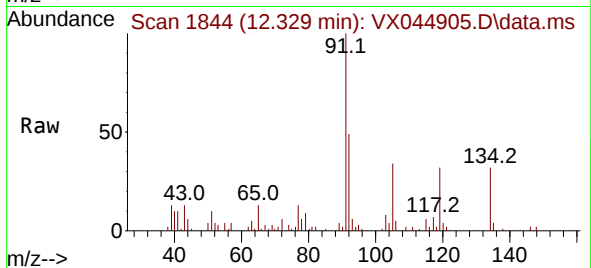
Tgt Ion: 91 Resp: 10361

Ion Ratio Lower Upper

91 100

92 37.5 27.2 81.6

134 89.6 12.1 36.3#



#90

Hexachloroethane

Concen: 4.280 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX044905.D

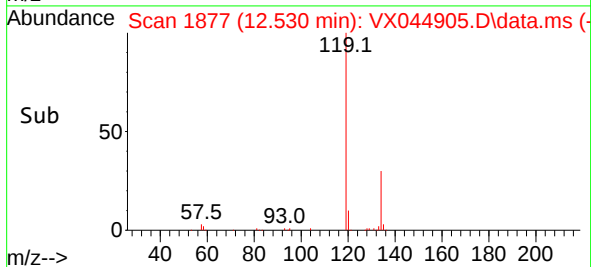
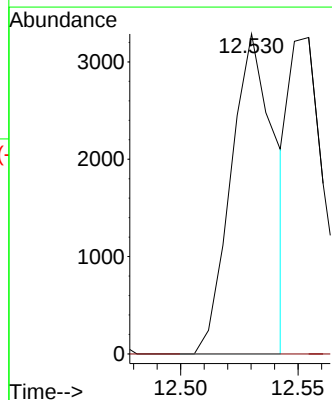
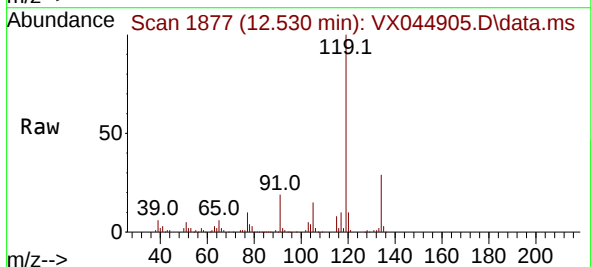
Acq: 11 Feb 2025 14:52

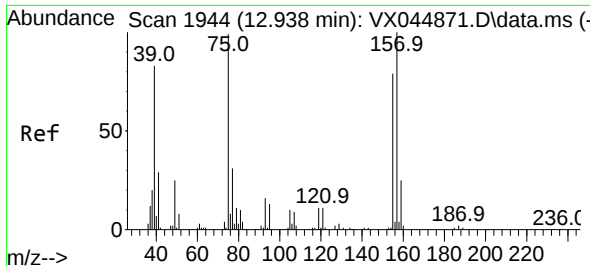
Tgt Ion: 117 Resp: 4272

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.184 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.019 min

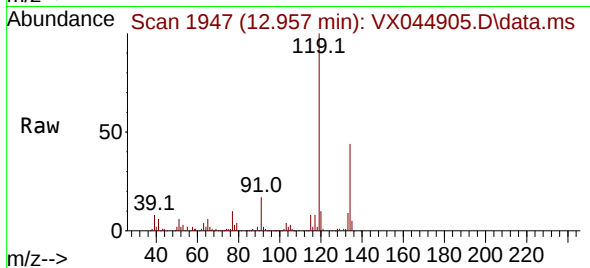
Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

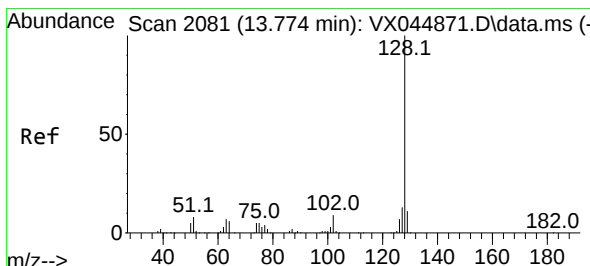
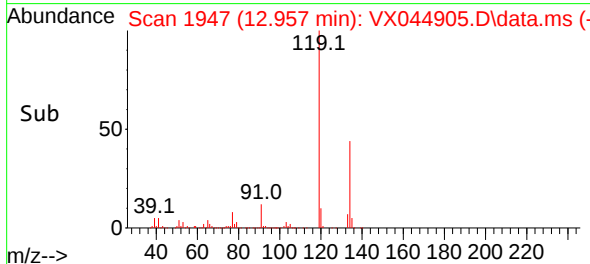
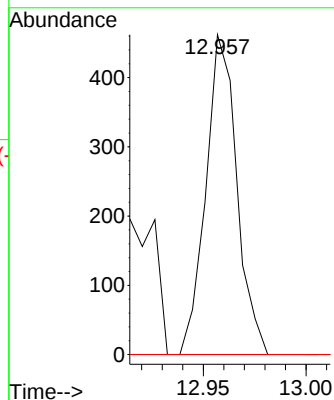
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 484    |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 40.5  | 121.4# |
| 157      | 0.0   | 51.4  | 154.3# |



#95

Naphthalene

Concen: 32.901 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 192285 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.1  | 15.1   |
| 129      | 11.1  | 8.9   | 13.3   |

