

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052825\  
 Data File : VX046381.D  
 Acq On : 28 May 2025 13:29  
 Operator : JC/MD  
 Sample : Q2130-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-3

Quant Time: May 29 03:35:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 60688    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 122066   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 119742   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 51343    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 61667    | 54.504   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.000% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 44866    | 51.042   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.080% |      |
| 50) Toluene-d8              | 8.647  | 98    | 157008   | 51.607   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.220% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 61270    | 52.502   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 105.000% |      |

|                             |        |     |        |         |        |     |
|-----------------------------|--------|-----|--------|---------|--------|-----|
| Target Compounds            |        |     | Qvalue |         |        |     |
| 3) Chloromethane            | 1.307  | 50  | 46     | 0.051   | ug/l # | 43  |
| 5) Bromomethane             | 1.612  | 94  | 55     | 0.141   | ug/l # | 4   |
| 6) Chloroethane             | 1.618  | 64  | 47     | 0.105   | ug/l # | 44  |
| 11) Tert butyl alcohol      | 2.965  | 59  | 331    | 2.084   | ug/l # | 72  |
| 13) Acrolein                | 2.246  | 56  | 182    | 1.006   | ug/l   | 93  |
| 14) Allyl chloride          | 2.648  | 41  | 363    | 0.264   | ug/l # | 21  |
| 16) Acetone                 | 2.380  | 43  | 57337  | 126.391 | ug/l   | 100 |
| 17) Carbon Disulfide        | 2.508  | 76  | 173    | 0.101   | ug/l # | 76  |
| 18) Methyl Acetate          | 2.703  | 43  | 2270   | 2.156   | ug/l # | 89  |
| 20) Methylene Chloride      | 2.788  | 84  | 6738   | 7.751   | ug/l   | 93  |
| 23) Vinyl Acetate           | 3.751  | 43  | 19     | 0.008   | ug/l # | 74  |
| 25) 2-Butanone              | 4.581  | 43  | 4600   | 6.985   | ug/l # | 82  |
| 29) Tetrahydrofuran         | 5.013  | 42  | 104    | 0.252   | ug/l # | 35  |
| 31) Cyclohexane             | 5.550  | 56  | 1625   | 1.205   | ug/l # | 1   |
| 36) 1,1-Dichloropropene     | 5.538  | 75  | 6053   | 5.125   | ug/l # | 50  |
| 37) Ethyl Acetate           | 4.788  | 43  | 183    | 0.125   | ug/l # | 70  |
| 38) Carbon Tetrachloride    | 5.544  | 117 | 7091   | 5.344   | ug/l # | 17  |
| 41) Methacrylonitrile       | 5.044  | 41  | 133    | 0.174   | ug/l # | 34  |
| 42) 1,2-Dichloroethane      | 6.111  | 62  | 19     | 0.013   | ug/l # | 78  |
| 43) Isopropyl Acetate       | 6.348  | 43  | 11335  | 5.092   | ug/l   | 96  |
| 48) Methyl methacrylate     | 7.793  | 41  | 47482  | 41.766  | ug/l # | 50  |
| 51) 4-Methyl-2-Pentanone    | 8.543  | 43  | 37345  | 25.274  | ug/l # | 52  |
| 52) Toluene                 | 8.720  | 92  | 24     | 0.011   | ug/l # | 21  |
| 53) t-1,3-Dichloropropene   | 8.946  | 75  | 212    | 0.178   | ug/l # | 43  |
| 54) cis-1,3-Dichloropropene | 8.549  | 75  | 13753  | 10.477  | ug/l # | 67  |
| 56) Ethyl methacrylate      | 9.244  | 69  | 198    | 0.149   | ug/l # | 1   |
| 57) 1,3-Dichloropropane     | 9.482  | 76  | 1360   | 0.905   | ug/l # | 42  |
| 59) 2-Hexanone              | 9.378  | 43  | 8561   | 7.831   | ug/l # | 28  |
| 67) Ethyl Benzene           | 10.311 | 91  | 226    | 0.049   | ug/l # | 81  |
| 68) m/p-Xylenes             | 10.305 | 106 | 106    | 0.063   | ug/l   | 99  |
| 70) Styrene                 | 10.665 | 104 | 50     | 0.019   | ug/l # | 23  |
| 73) Isopropylbenzene        | 11.079 | 105 | 97     | 0.024   | ug/l # | 49  |
| 74) N-amyl acetate          | 10.781 | 43  | 1427   | 0.722   | ug/l # | 47  |
| 76) 1,2,3-Trichloropropane  | 11.079 | 75  | 35641  | 28.839  | ug/l # | 36  |
| 78) n-propylbenzene         | 11.305 | 91  | 24     | 0.005   | ug/l # | 54  |
| 79) 2-Chlorotoluene         | 11.305 | 91  | 24     | 0.008   | ug/l # | 44  |

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 Sample : Q2130-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

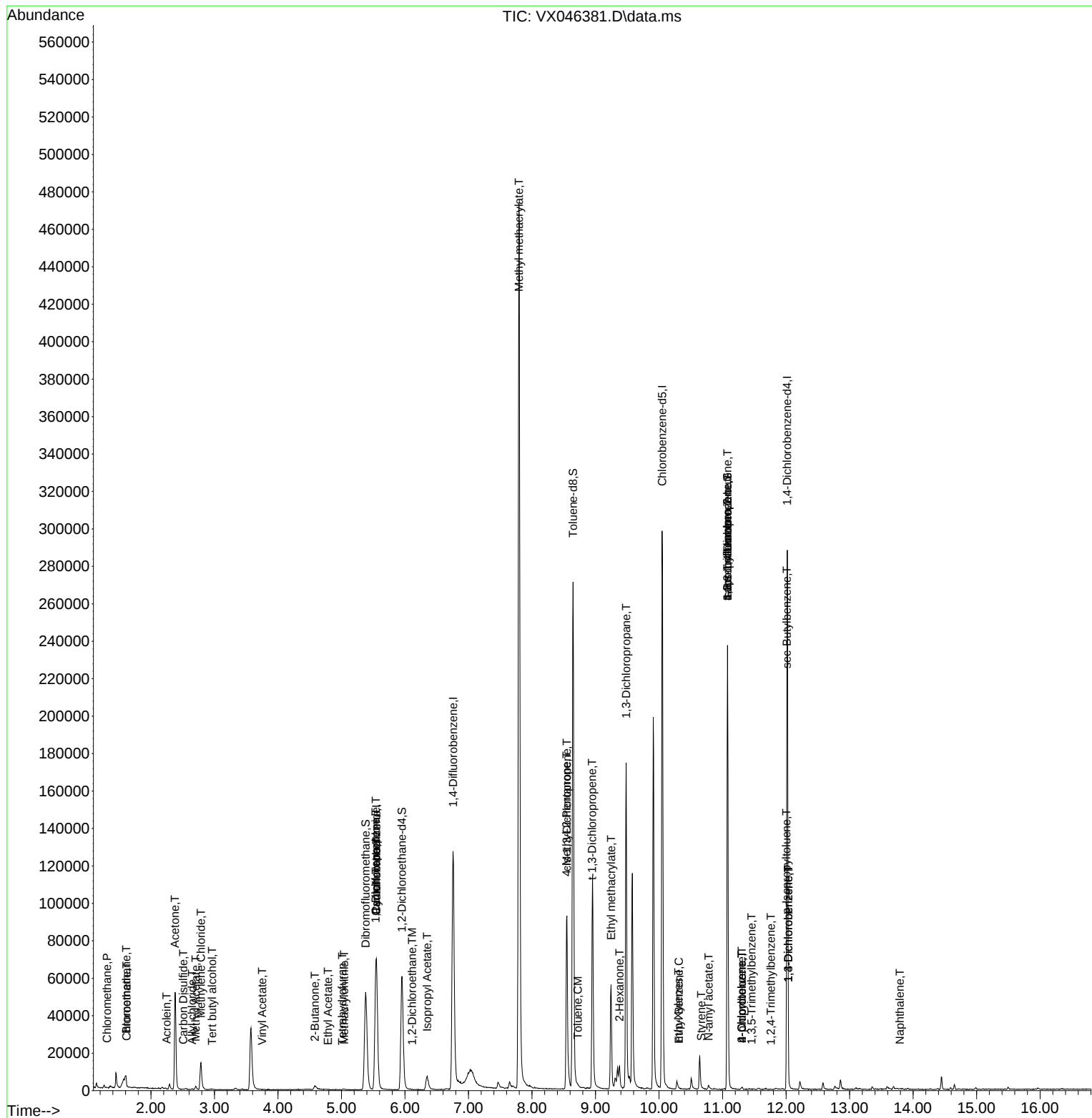
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 59       | 0.018  | ug/l # | 30       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 35641    | 93.891 | ug/l # | 1        |
| 82) 4-Chlorotoluene           | 11.305 | 91   | 24       | 0.007  | ug/l # | 48       |
| 84) 1,2,4-Trimethylbenzene    | 11.762 | 105  | 67       | 0.020  | ug/l # | 33       |
| 85) sec-Butylbenzene          | 12.012 | 105  | 52       | 0.013  | ug/l # | 33       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 49       | 0.014  | ug/l # | 1        |
| 87) 1,3-Dichlorobenzene       | 12.037 | 146  | 26       | 0.015  | ug/l # | 1        |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 26       | 0.015  | ug/l # | 1        |
| 95) Naphthalene               | 13.792 | 128  | 254      | 0.071  | ug/l # | 69       |
| -----                         |        |      |          |        |        |          |

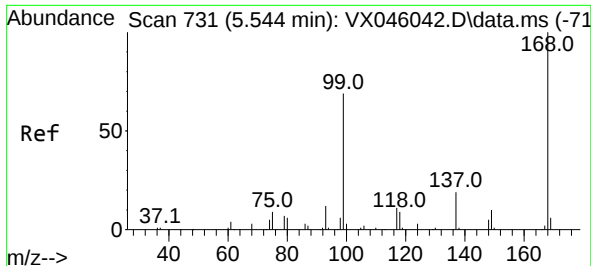
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Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
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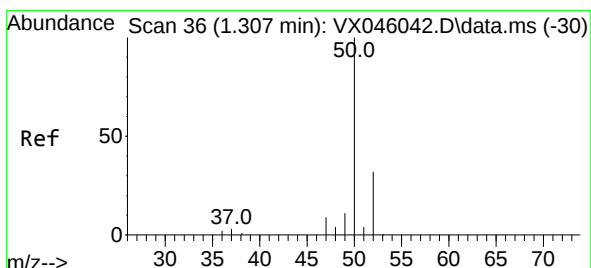
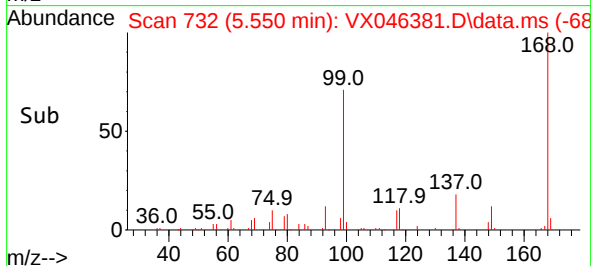
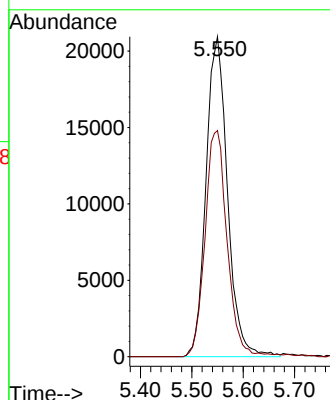
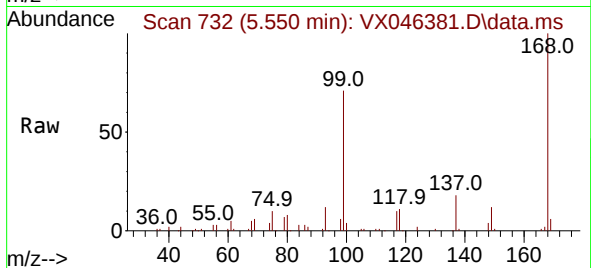




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

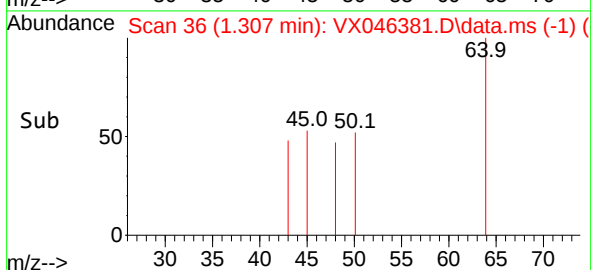
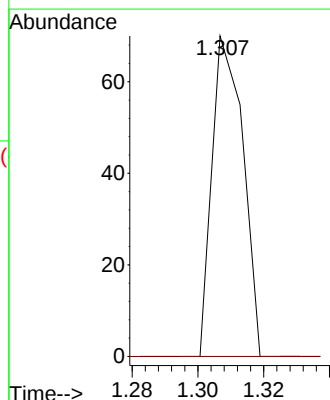
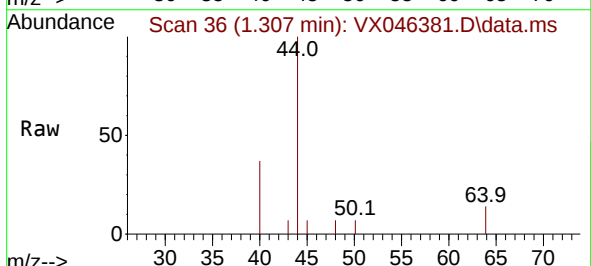
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

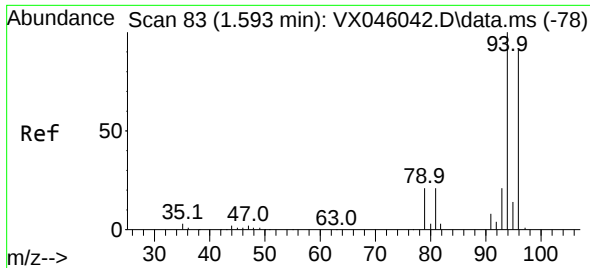
Tgt Ion:168 Resp: 60688  
Ion Ratio Lower Upper  
168 100  
99 70.7 54.9 82.3



#3  
Chloromethane  
Concen: 0.051 ug/l  
RT: 1.307 min Scan# 36  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 50 Resp: 46  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.4 38.2#

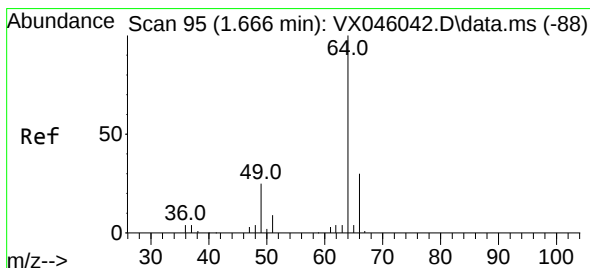
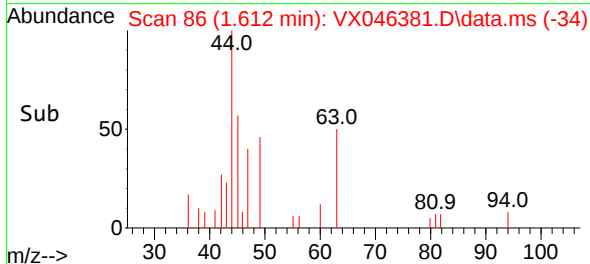
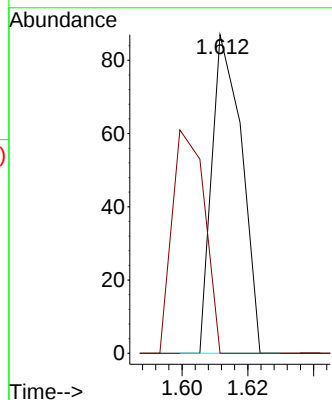
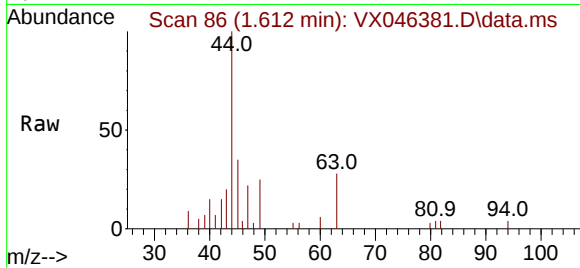




#5  
Bromomethane  
Concen: 0.141 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.018 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

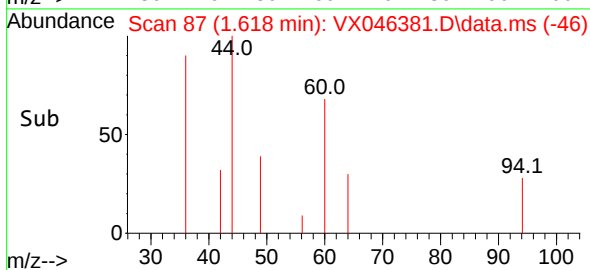
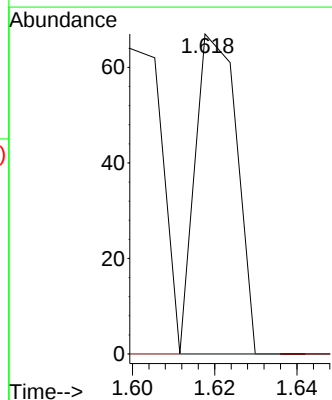
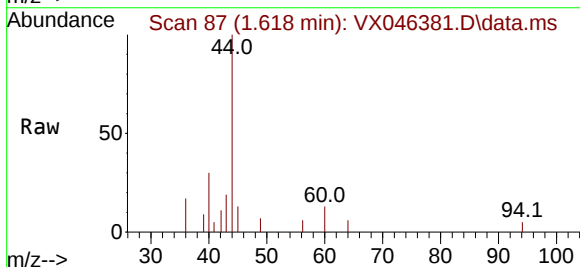
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

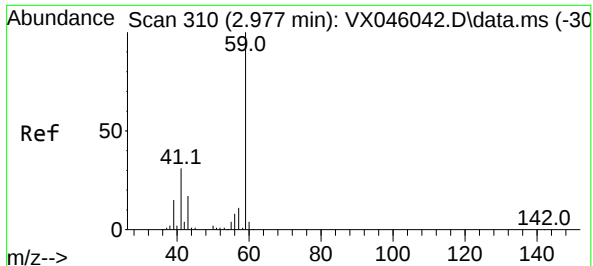
Tgt Ion: 94 Resp: 55  
Ion Ratio Lower Upper  
94 100  
96 0.0 72.8 109.2#



#6  
Chloroethane  
Concen: 0.105 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. -0.049 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 64 Resp: 47  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.3 36.5#





#11

Tert butyl alcohol

Concen: 2.084 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

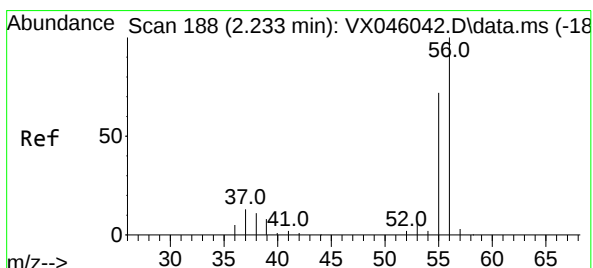
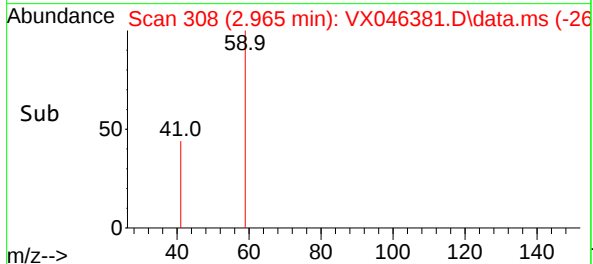
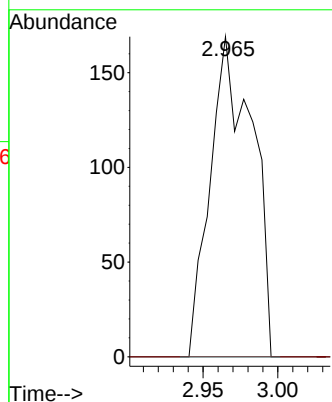
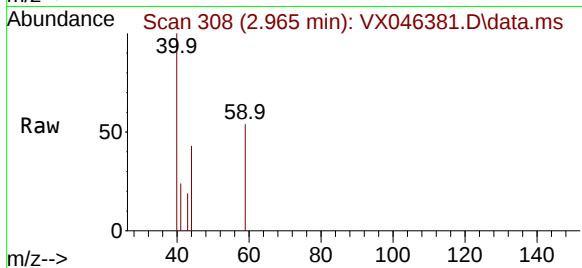
TP-3

Tgt Ion: 59 Resp: 331

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 1.006 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX046381.D

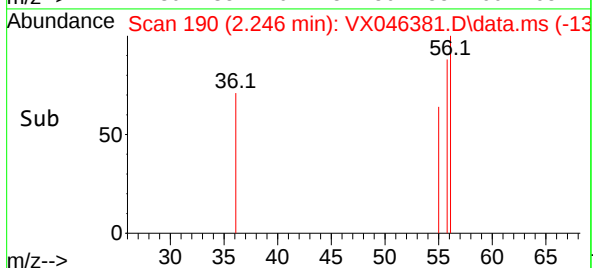
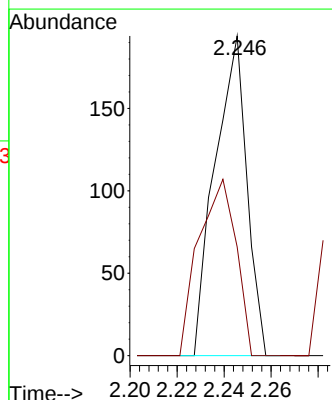
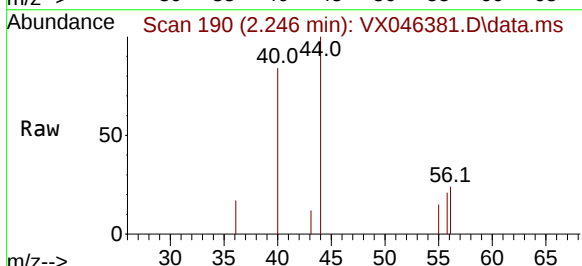
Acq: 28 May 2025 13:29

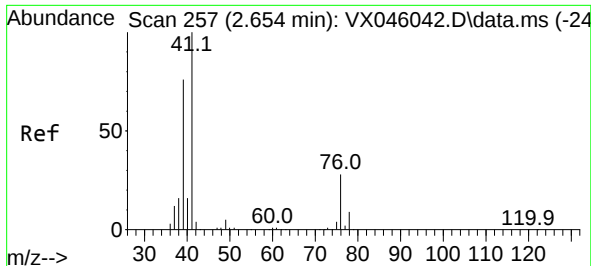
Tgt Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

55 64.8 56.2 84.4

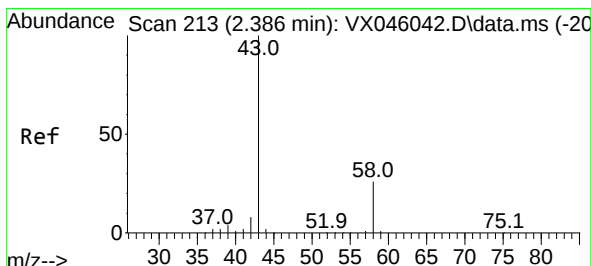
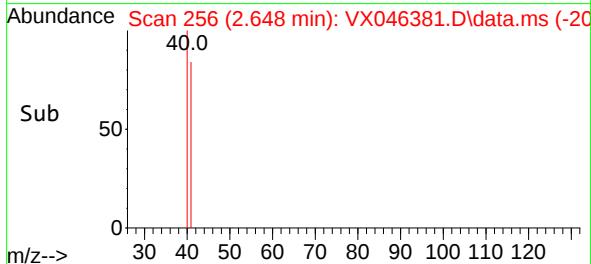
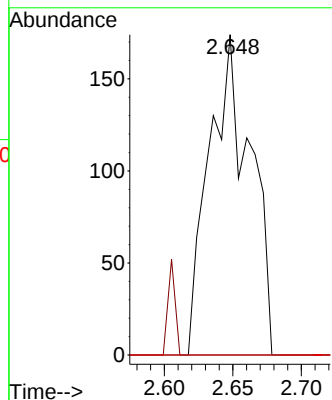
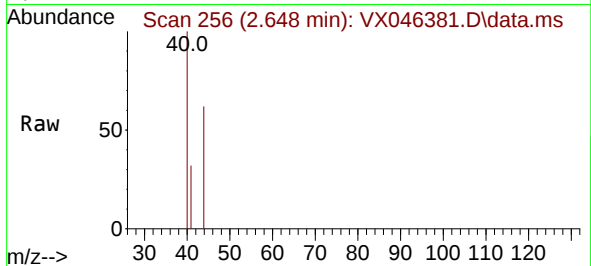




#14  
 Allyl chloride  
 Concen: 0.264 ug/l  
 RT: 2.648 min Scan# 212  
 Delta R.T. -0.006 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

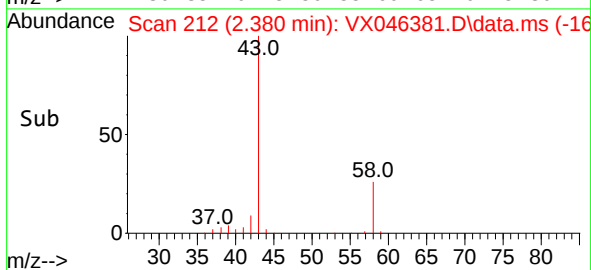
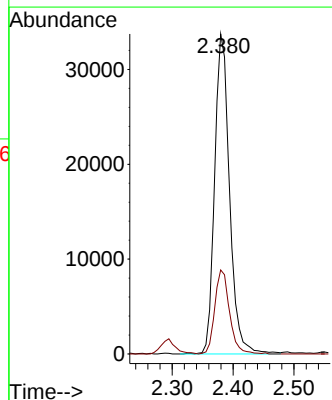
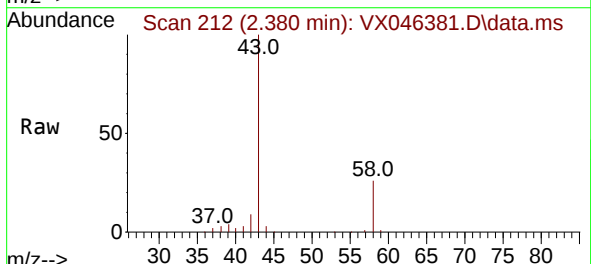
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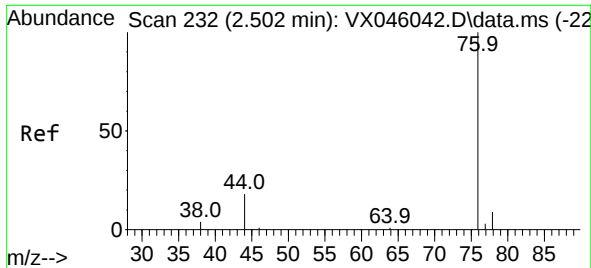
Tgt Ion: 41 Resp: 363  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 60.6 90.8#  
 76 0.0 24.9 37.3#



#16  
 Acetone  
 Concen: 126.391 ug/l  
 RT: 2.380 min Scan# 212  
 Delta R.T. -0.006 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

Tgt Ion: 43 Resp: 57337  
 Ion Ratio Lower Upper  
 43 100  
 58 26.3 21.2 31.8

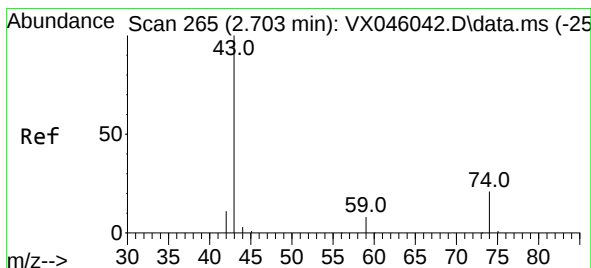
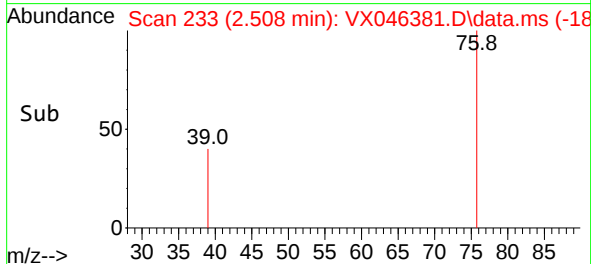
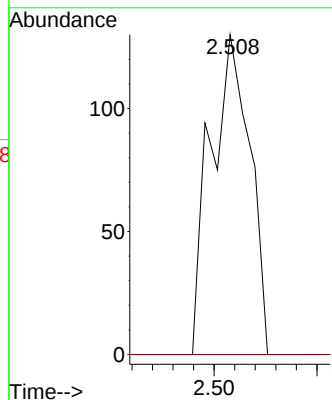
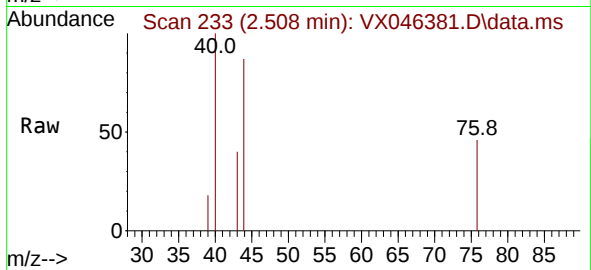




#17  
Carbon Disulfide  
Concen: 0.101 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

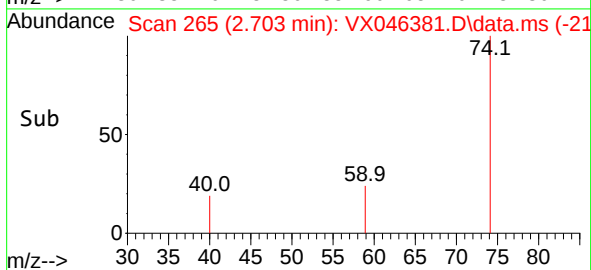
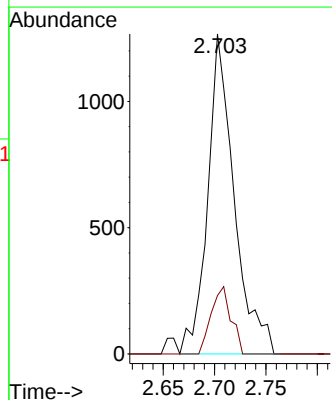
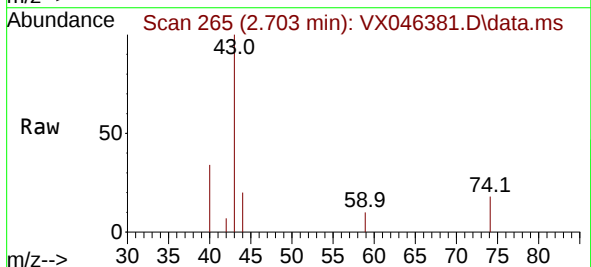
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ClientSampleId :  
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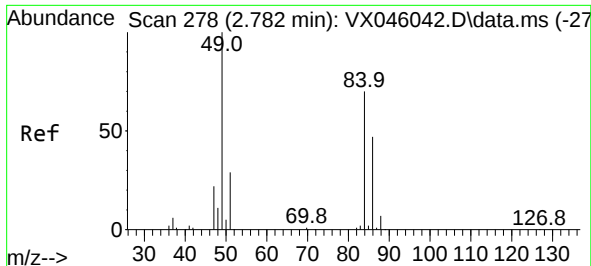
Tgt Ion: 76 Resp: 173  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.4#



#18  
Methyl Acetate  
Concen: 2.156 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 43 Resp: 2270  
Ion Ratio Lower Upper  
43 100  
74 15.8 16.7 25.1#

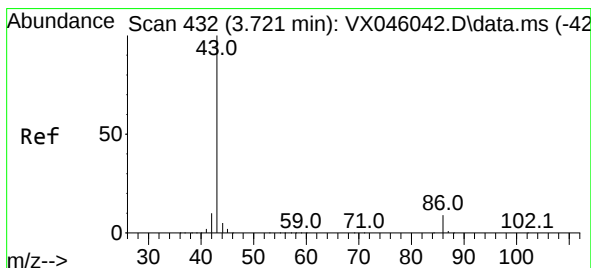
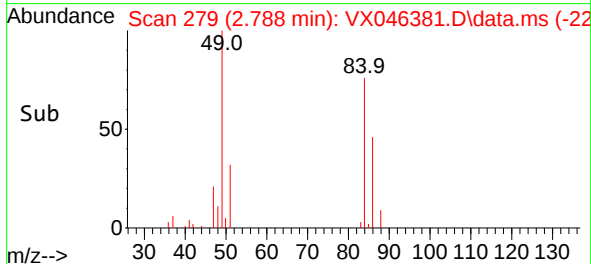
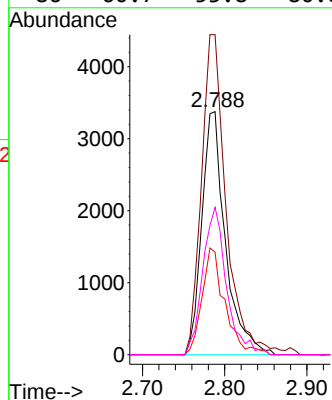
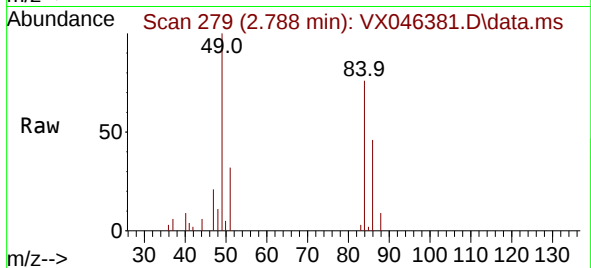




#20  
Methylene Chloride  
Concen: 7.751 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

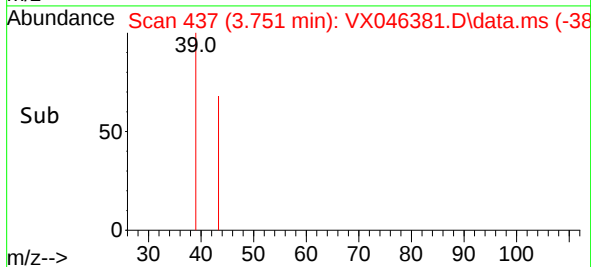
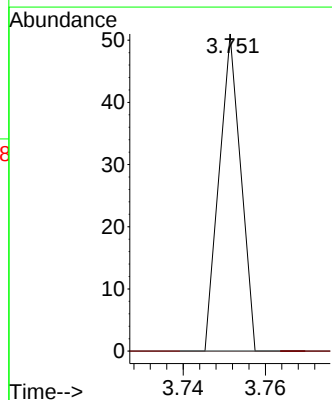
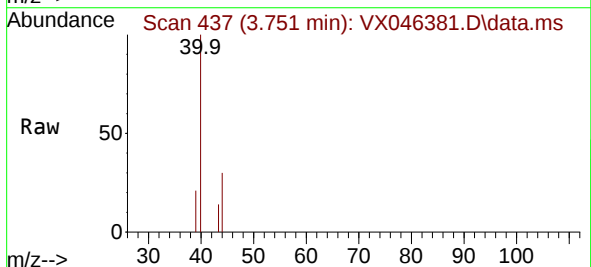
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

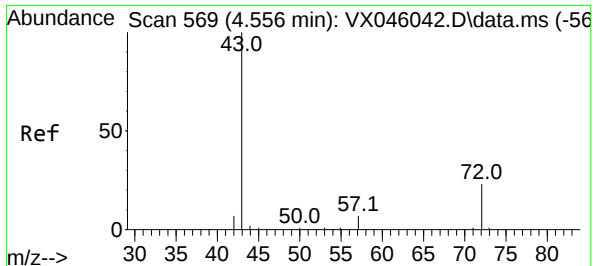
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 6738  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 131.6 | 113.9 | 170.9 |
| 51       | 42.2  | 33.5  | 50.3  |
| 86       | 60.7  | 53.8  | 80.8  |



#23  
Vinyl Acetate  
Concen: 0.008 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. 0.031 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 7.5   | 11.3# |





#25

2-Butanone

Concen: 6.985 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

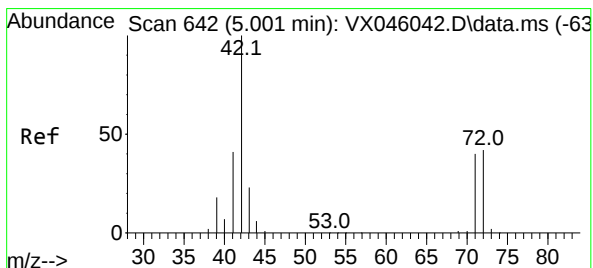
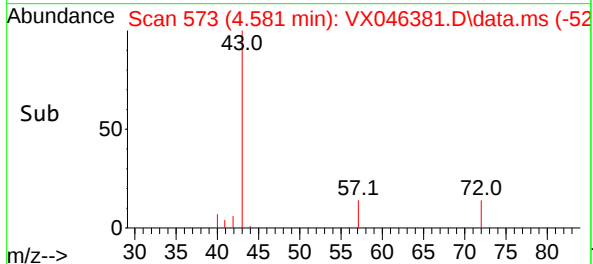
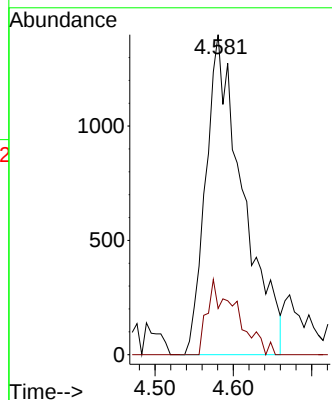
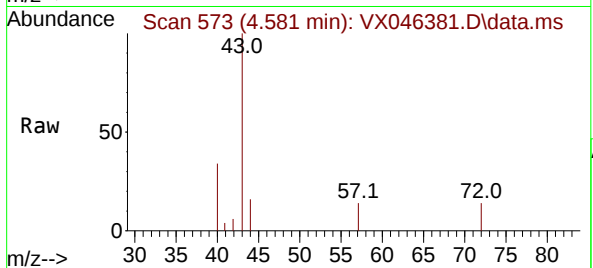
TP-3

Tgt Ion: 43 Resp: 4600

Ion Ratio Lower Upper

43 100

72 14.4 18.4 27.6#



#29

Tetrahydrofuran

Concen: 0.252 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

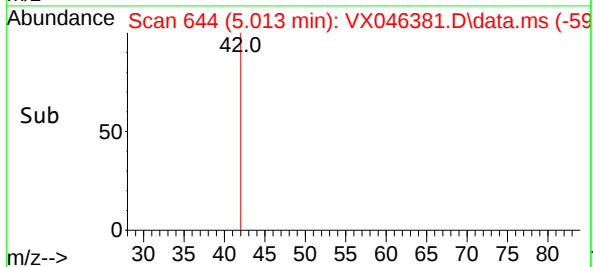
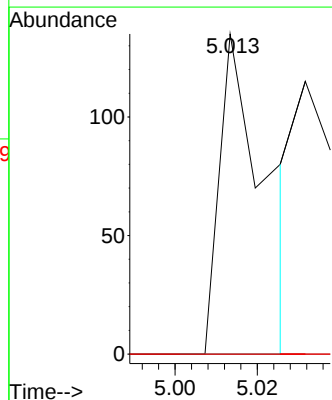
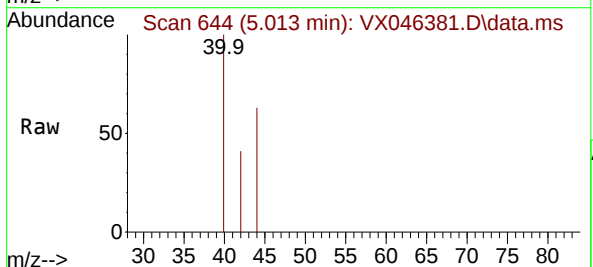
Tgt Ion: 42 Resp: 104

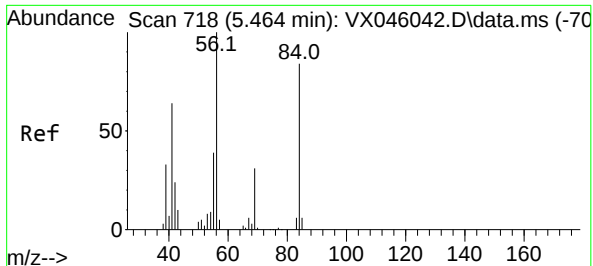
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.4 47.2#

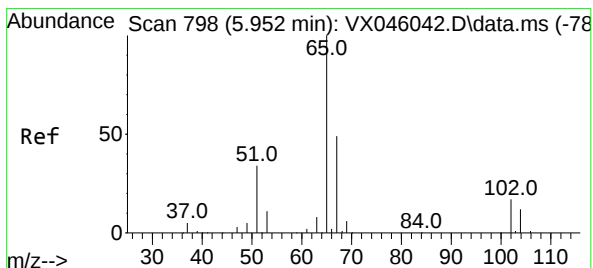
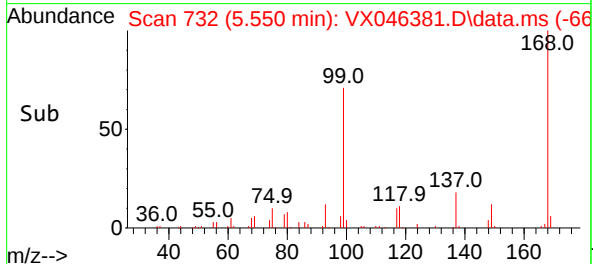
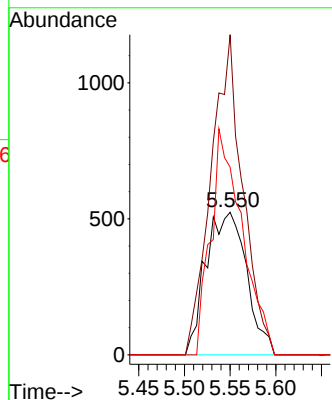
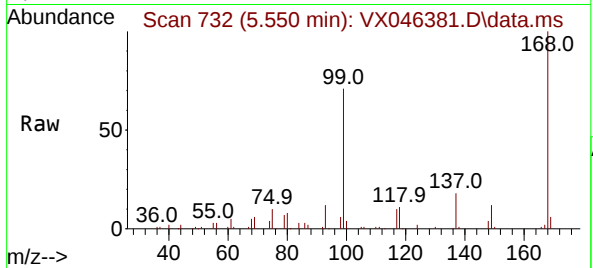




#31  
Cyclohexane  
Concen: 1.205 ug/l  
RT: 5.550 min Scan# 718  
Delta R.T. 0.085 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

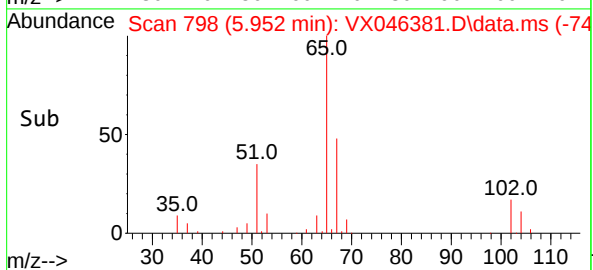
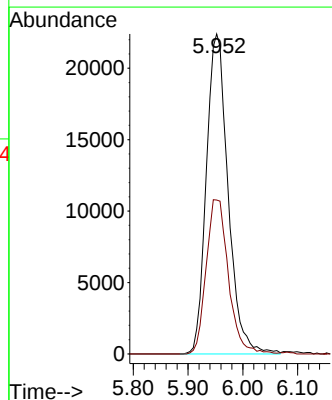
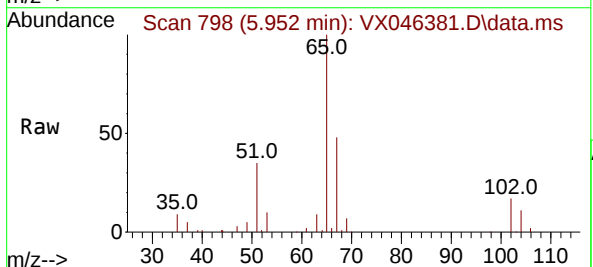
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

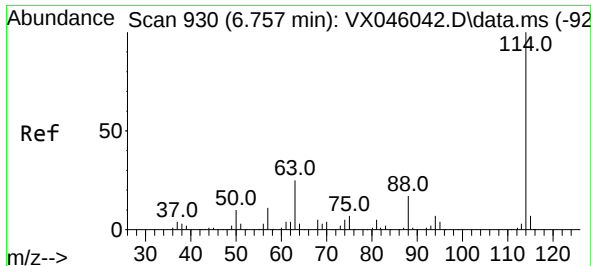
Tgt Ion: 56 Resp: 1625  
Ion Ratio Lower Upper  
56 100  
69 224.6 24.4 36.6#  
84 131.7 66.9 100.3#



#33  
1,2-Dichloroethane-d4  
Concen: 54.504 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 65 Resp: 61667  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 99.0

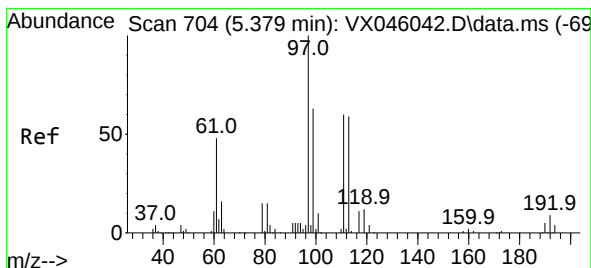
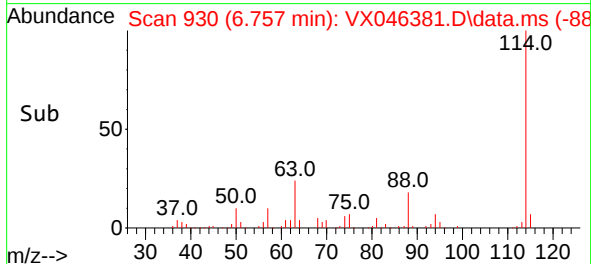
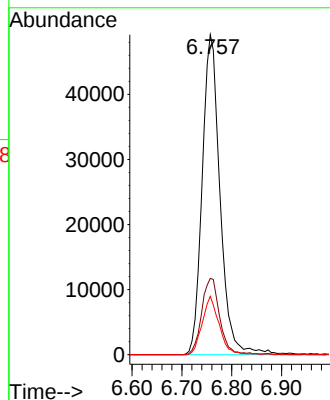
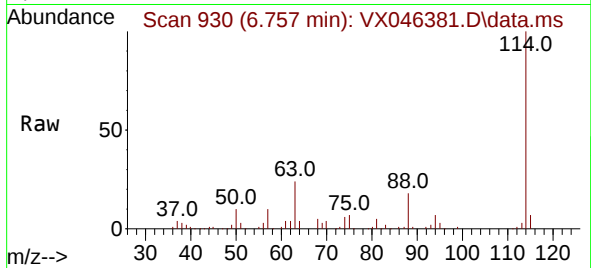




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

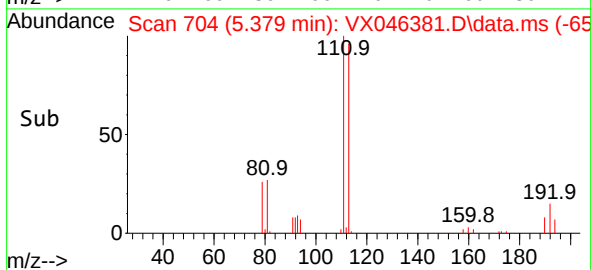
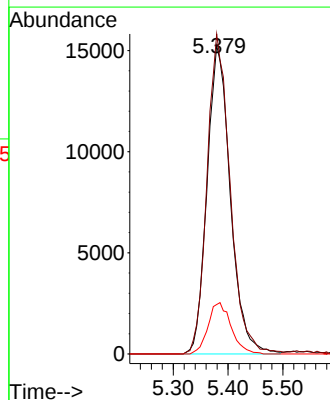
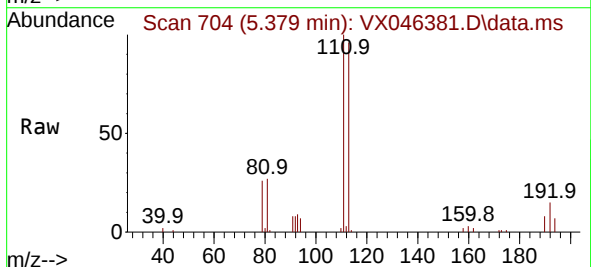
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

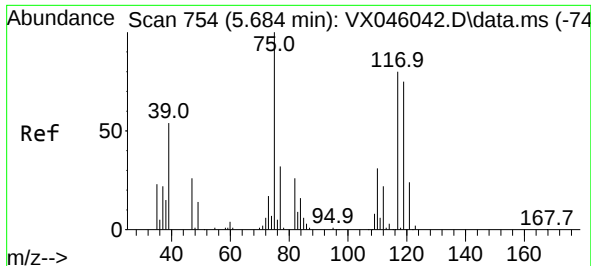
Tgt Ion:114 Resp: 122066  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 49.2  
88 18.3 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 51.042 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion:113 Resp: 44866  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.1 124.7  
192 16.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.125 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

TP-3

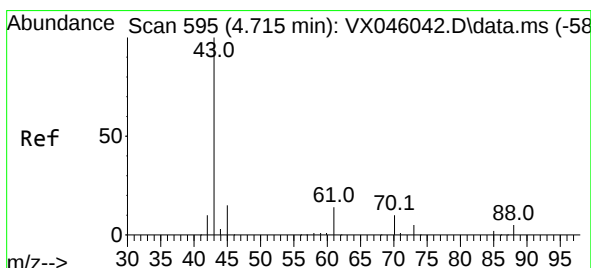
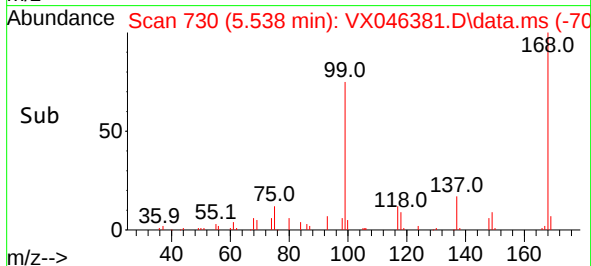
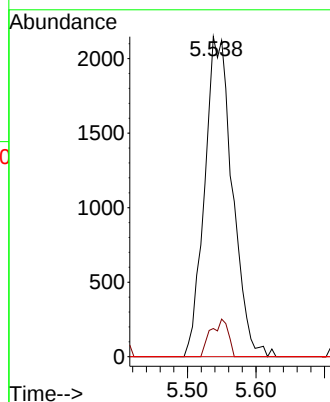
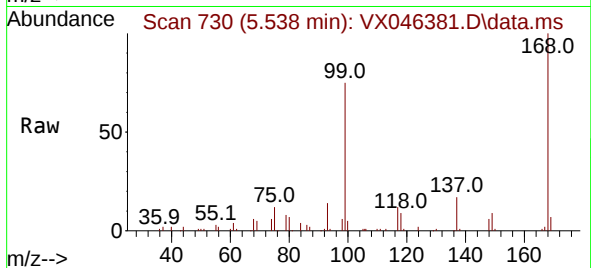
Tgt Ion: 75 Resp: 6053

Ion Ratio Lower Upper

75 100

110 7.4 16.3 48.9#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 0.125 ug/l

RT: 4.788 min Scan# 607

Delta R.T. 0.073 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

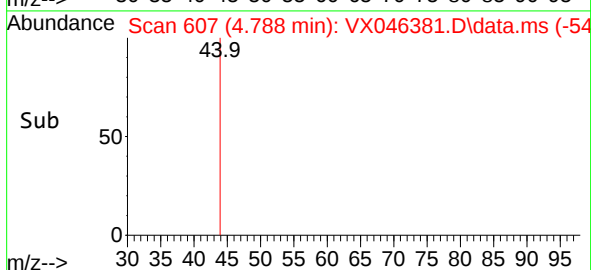
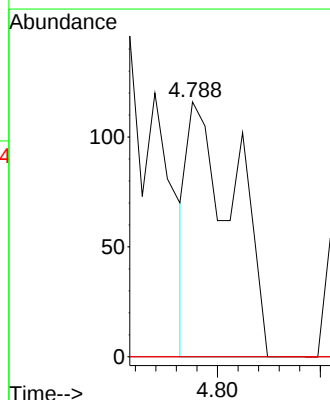
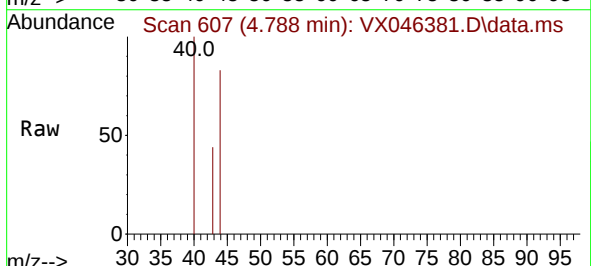
Tgt Ion: 43 Resp: 183

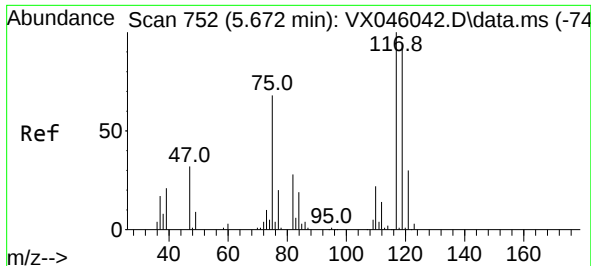
Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

70 0.0 7.9 11.9#

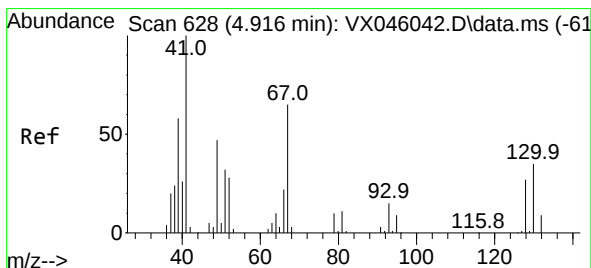
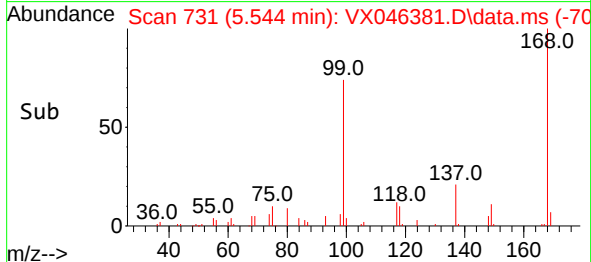
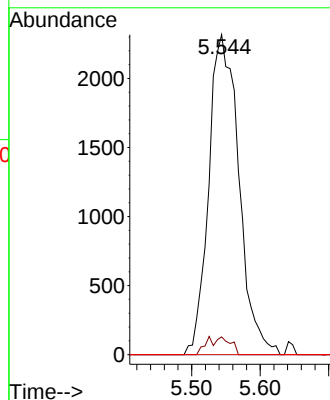
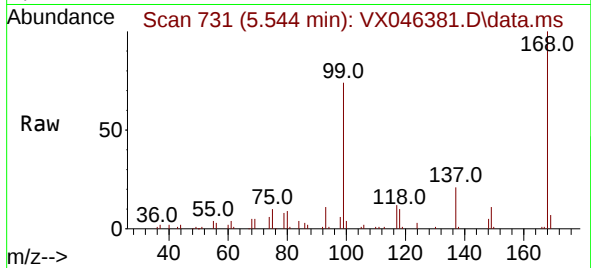




#38  
Carbon Tetrachloride  
Concen: 5.344 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

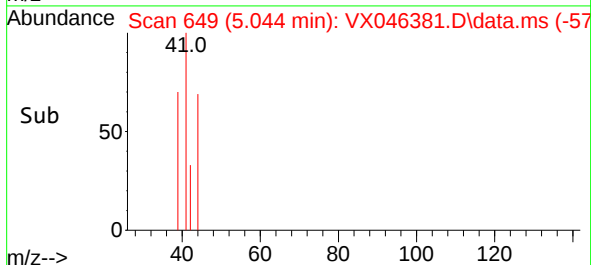
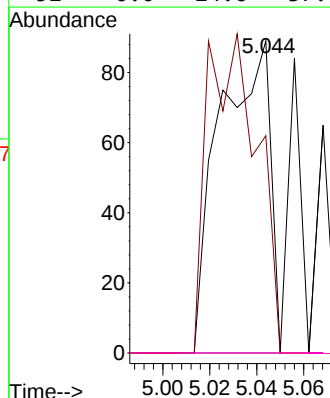
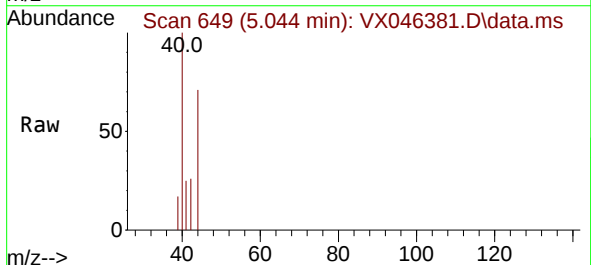
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

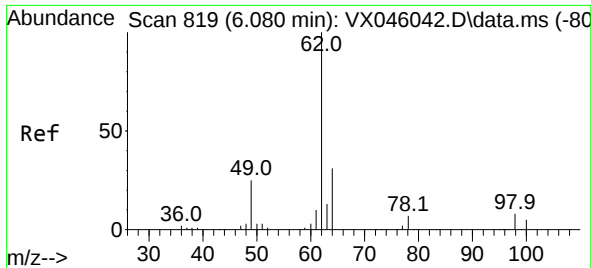
Tgt Ion:117 Resp: 7091  
Ion Ratio Lower Upper  
117 100  
119 5.5 75.2 112.8#  
121 0.0 24.2 36.4#



#41  
Methacrylonitrile  
Concen: 0.174 ug/l  
RT: 5.044 min Scan# 649  
Delta R.T. 0.128 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 41 Resp: 133  
Ion Ratio Lower Upper  
41 100  
39 100.8 47.2 70.8#  
67 0.0 50.7 76.1#  
52 0.0 24.6 37.0#

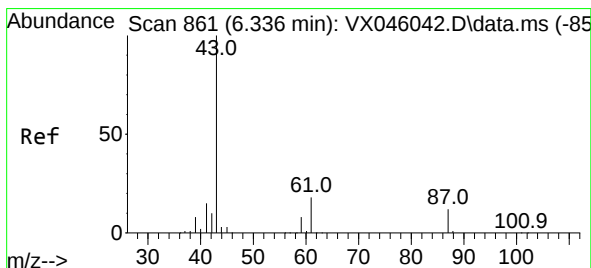
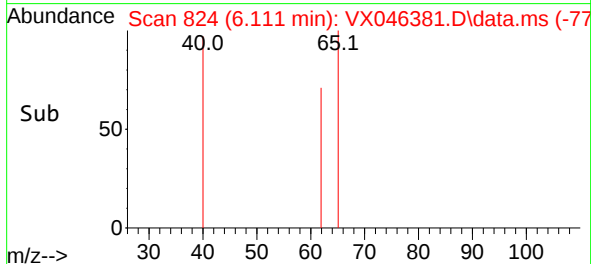
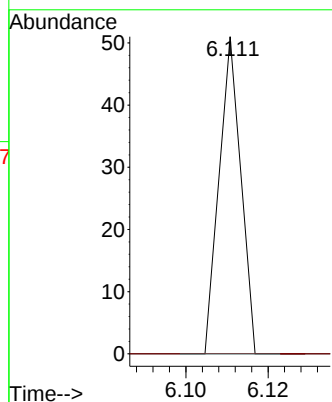
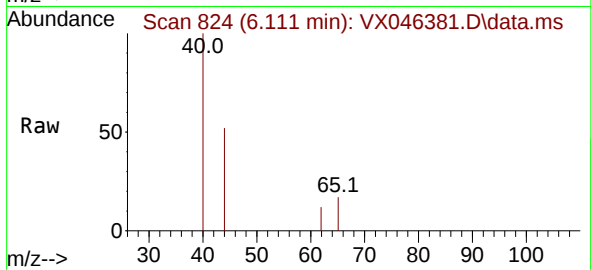




#42  
1,2-Dichloroethane  
Concen: 0.013 ug/l  
RT: 6.111 min Scan# 819  
Delta R.T. 0.031 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

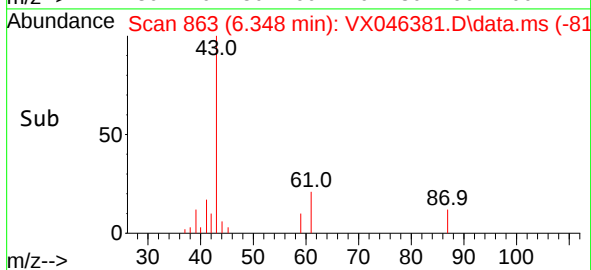
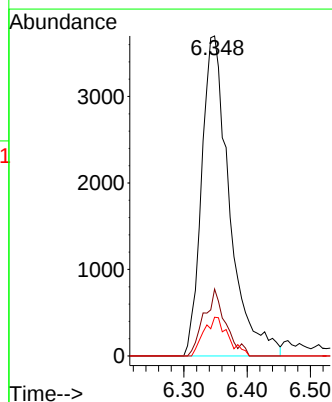
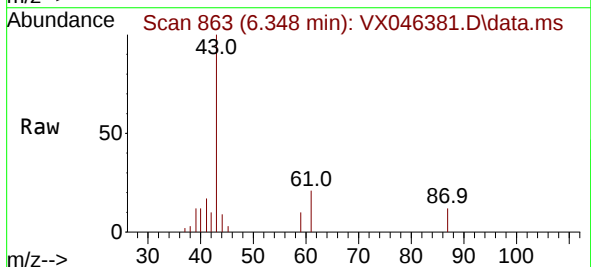
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

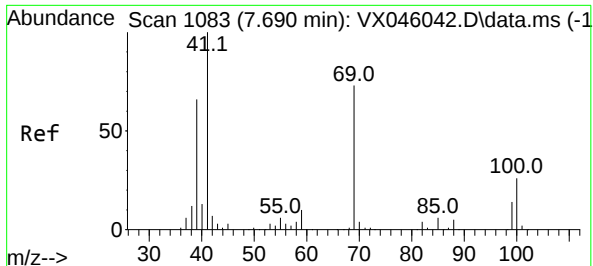
Tgt Ion: 62 Resp: 19  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 15.2



#43  
Isopropyl Acetate  
Concen: 5.092 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 43 Resp: 11335  
Ion Ratio Lower Upper  
43 100  
61 16.2 14.3 21.5  
87 10.4 9.5 14.3





#48

Methyl methacrylate

Concen: 41.766 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

TP-3

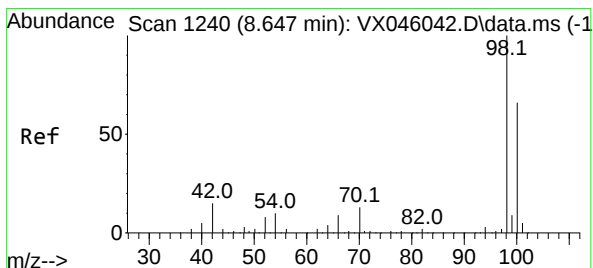
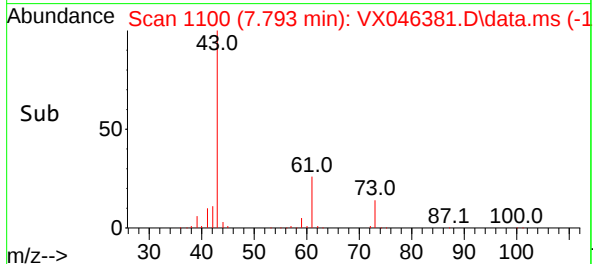
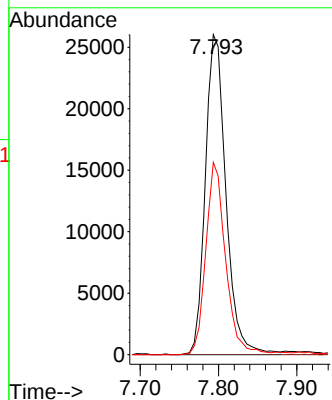
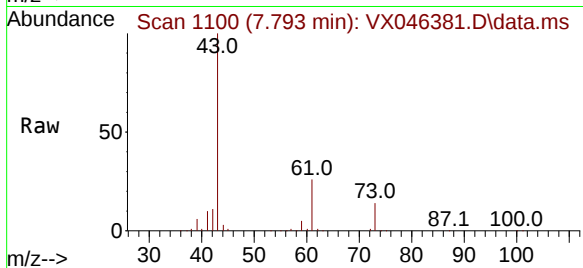
Tgt Ion: 41 Resp: 47482

Ion Ratio Lower Upper

41 100

69 0.0 58.5 87.7#

39 57.7 51.7 77.5



#50

Toluene-d8

Concen: 51.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046381.D

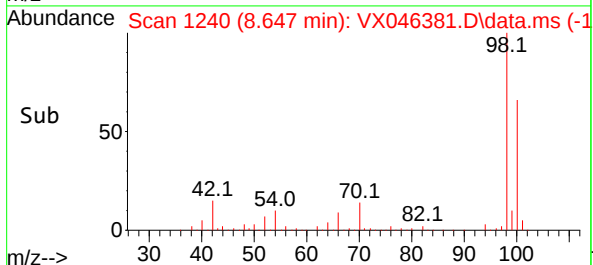
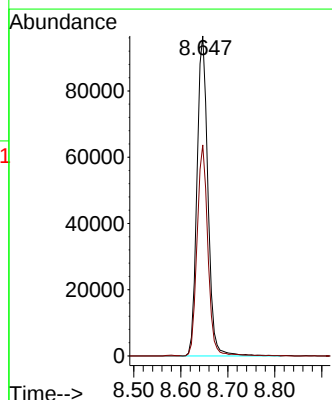
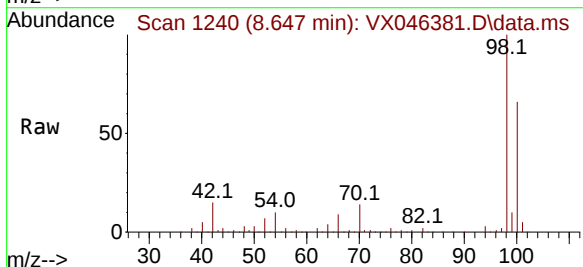
Acq: 28 May 2025 13:29

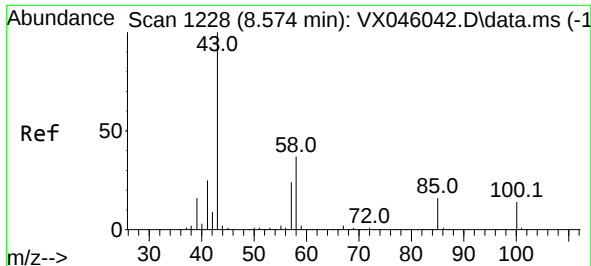
Tgt Ion: 98 Resp: 157008

Ion Ratio Lower Upper

98 100

100 65.3 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 25.274 ug/l

RT: 8.543 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

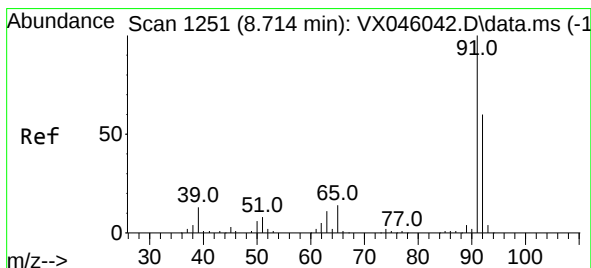
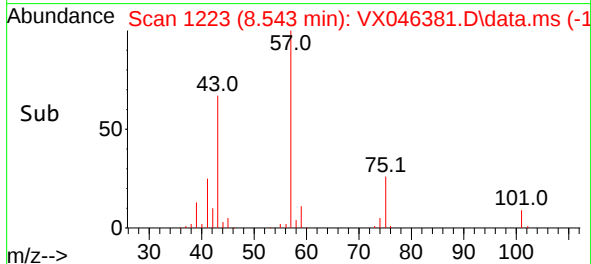
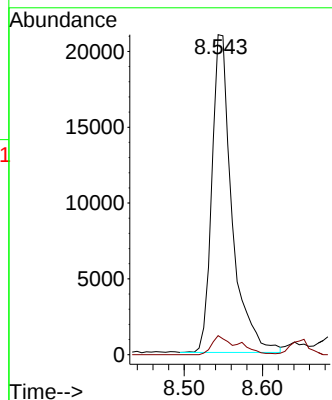
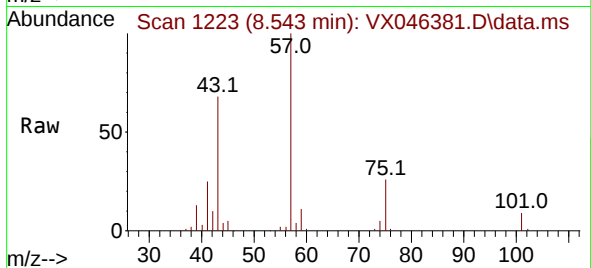
TP-3

Tgt Ion: 43 Resp: 37345

Ion Ratio Lower Upper

43 100

58 7.9 28.9 43.3#



#52

Toluene

Concen: 0.011 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX046381.D

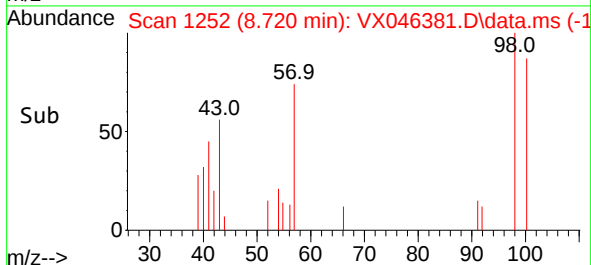
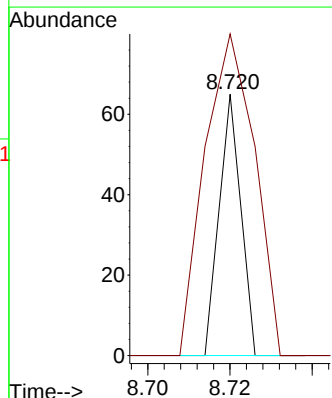
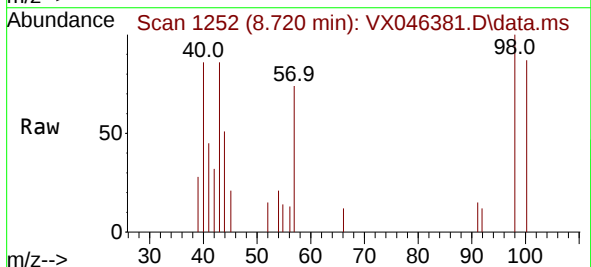
Acq: 28 May 2025 13:29

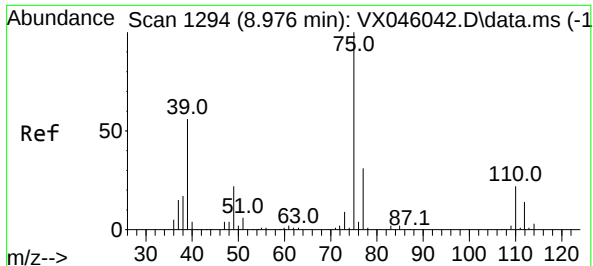
Tgt Ion: 92 Resp: 24

Ion Ratio Lower Upper

92 100

91 279.2 136.6 205.0#

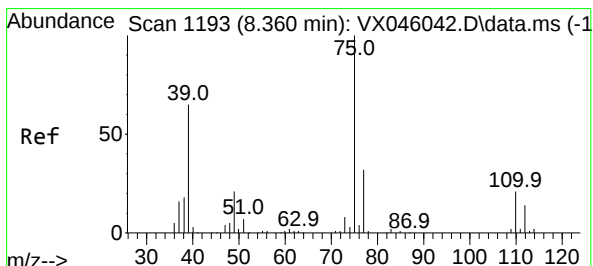
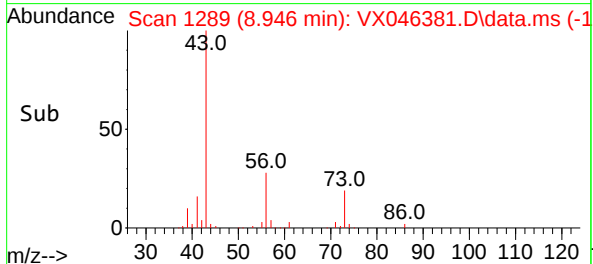
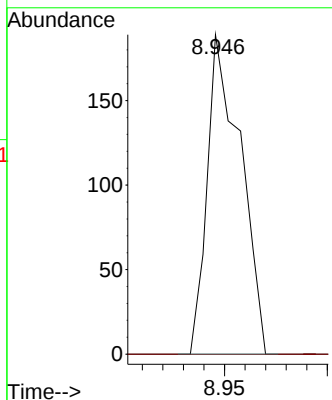
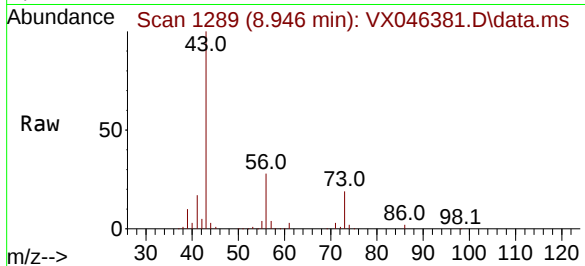




#53  
 t-1,3-Dichloropropene  
 Concen: 0.178 ug/l  
 RT: 8.946 min Scan# 1124  
 Delta R.T. -0.030 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

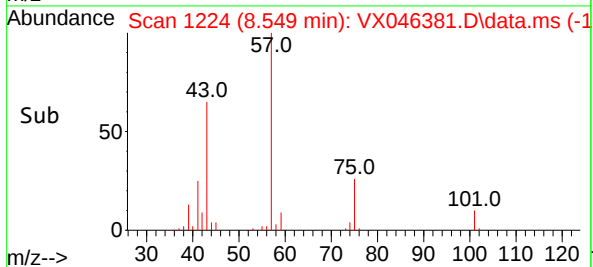
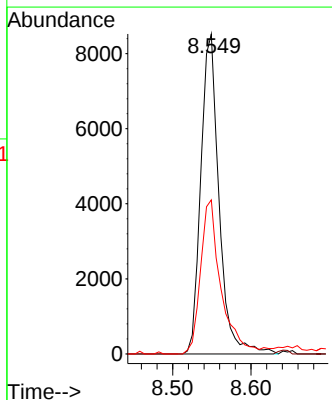
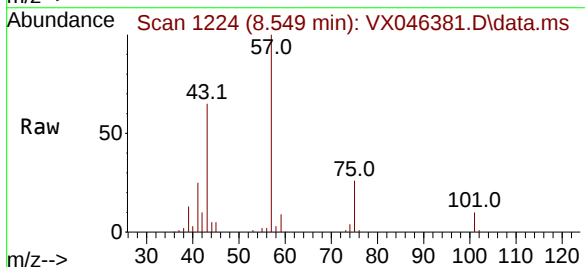
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-3

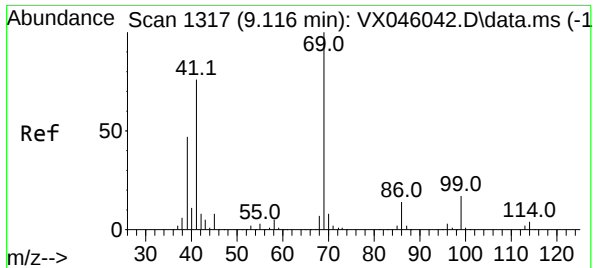
Tgt Ion: 75 Resp: 212  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.0 37.6#



#54  
 cis-1,3-Dichloropropene  
 Concen: 10.477 ug/l  
 RT: 8.549 min Scan# 1224  
 Delta R.T. 0.189 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

Tgt Ion: 75 Resp: 13753  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.4 38.0#  
 39 48.2 52.2 78.4#

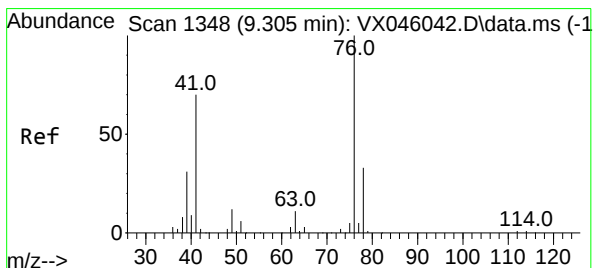
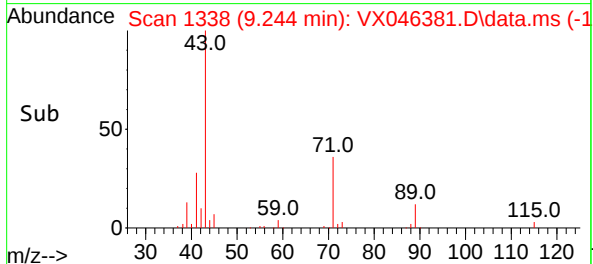
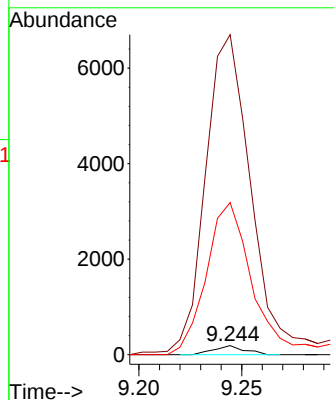
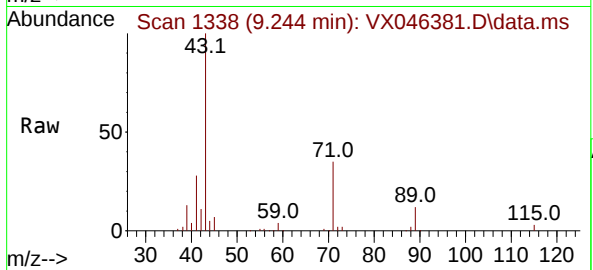




#56  
Ethyl methacrylate  
Concen: 0.149 ug/l  
RT: 9.244 min Scan# 11  
Delta R.T. 0.128 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

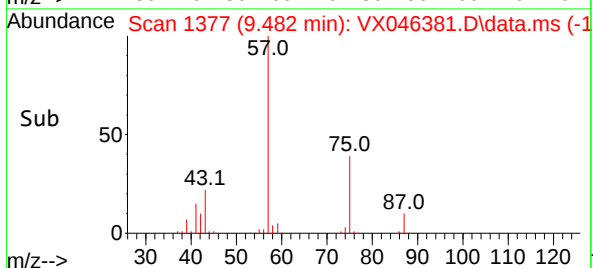
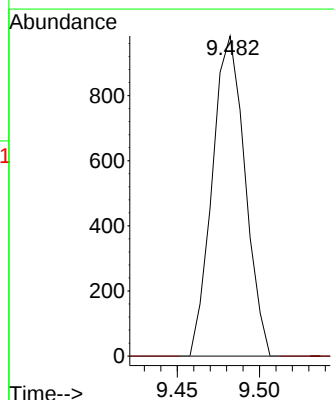
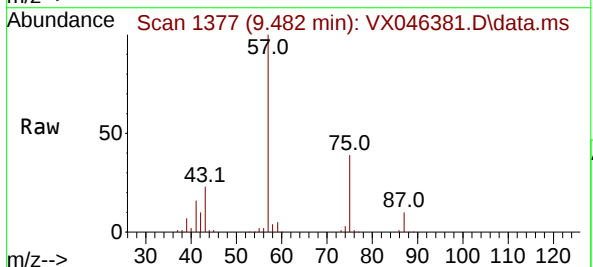
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

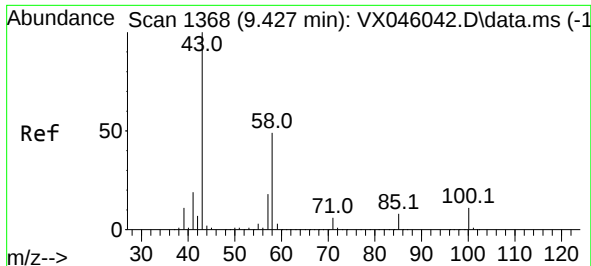
Tgt Ion: 69 Resp: 198  
Ion Ratio Lower Upper  
69 100  
41 5250.5 60.8 91.2#  
39 2503.5 39.0 58.6#



#57  
1,3-Dichloropropane  
Concen: 0.905 ug/l  
RT: 9.482 min Scan# 1377  
Delta R.T. 0.177 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 76 Resp: 1360  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.3 39.5#

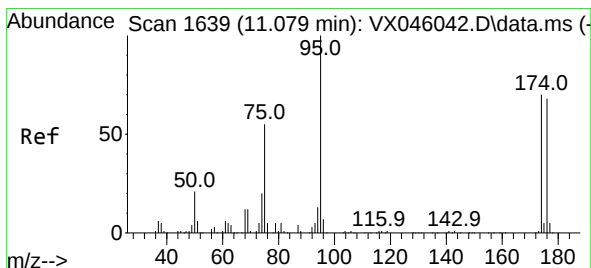
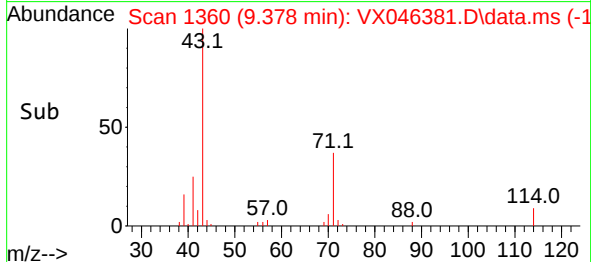
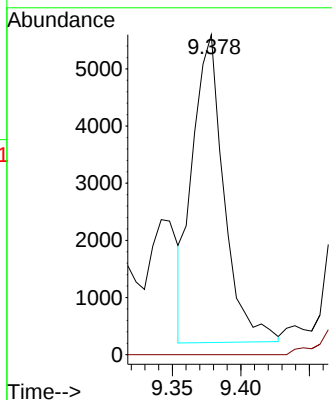
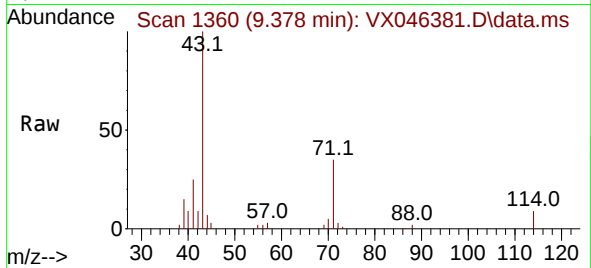




#59  
2-Hexanone  
Concen: 7.831 ug/l  
RT: 9.378 min Scan# 11  
Delta R.T. -0.049 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

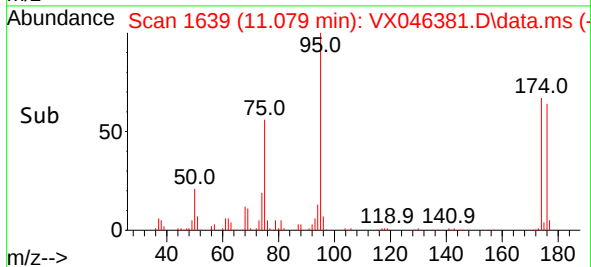
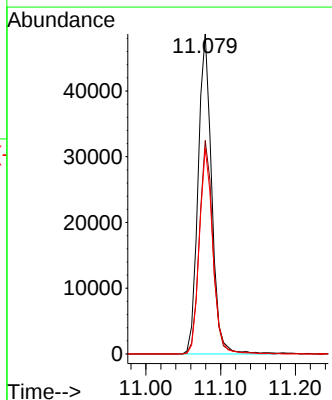
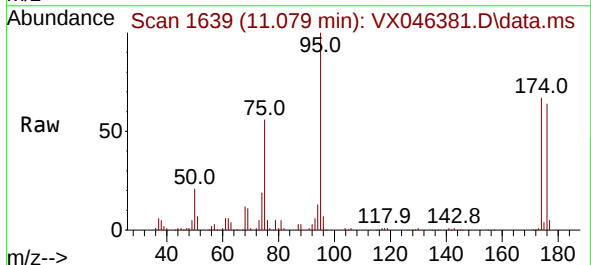
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

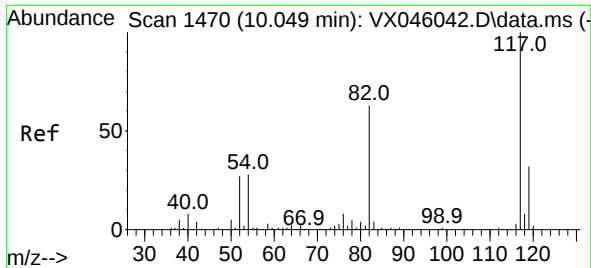
Tgt Ion: 43 Resp: 8561  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.9 74.6#



#62  
4-Bromofluorobenzene  
Concen: 52.502 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 95 Resp: 61270  
Ion Ratio Lower Upper  
95 100  
174 66.5 0.0 135.8  
176 64.0 0.0 131.4

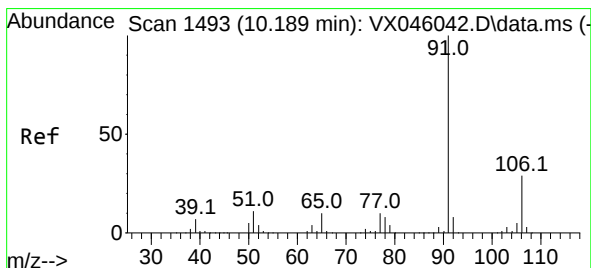
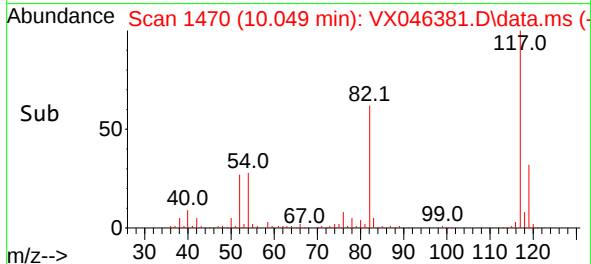
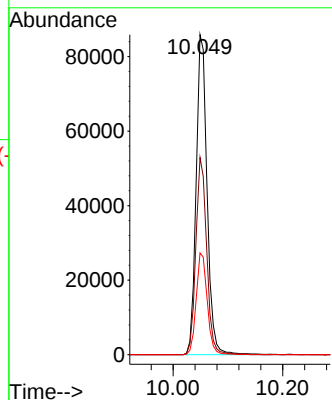
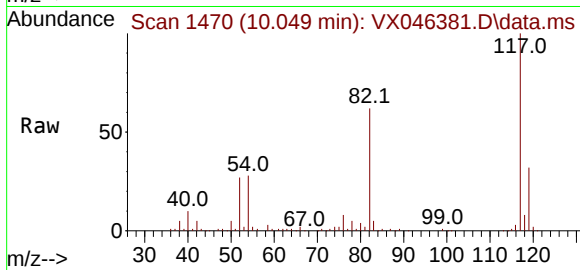




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

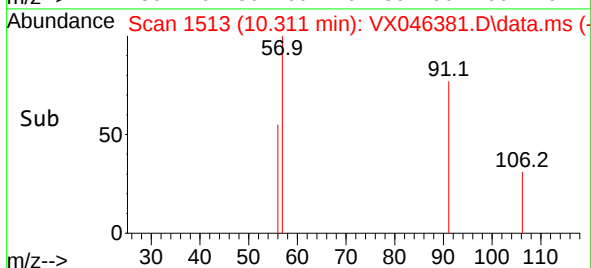
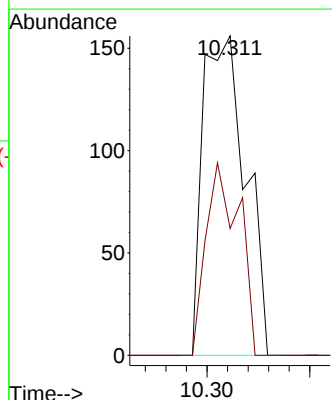
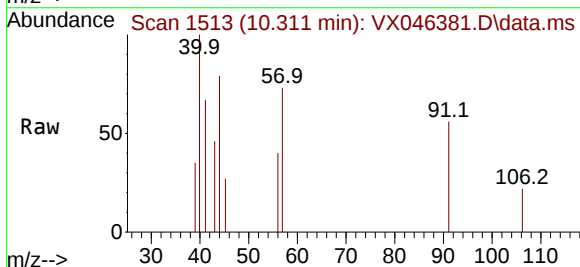
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

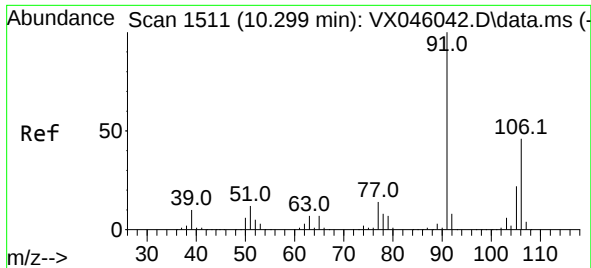
Tgt Ion:117 Resp: 119742  
Ion Ratio Lower Upper  
117 100  
82 61.6 50.6 76.0  
119 31.8 25.8 38.6



#67  
Ethyl Benzene  
Concen: 0.049 ug/l  
RT: 10.311 min Scan# 1513  
Delta R.T. 0.122 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 91 Resp: 226  
Ion Ratio Lower Upper  
91 100  
106 39.7 23.4 35.2#

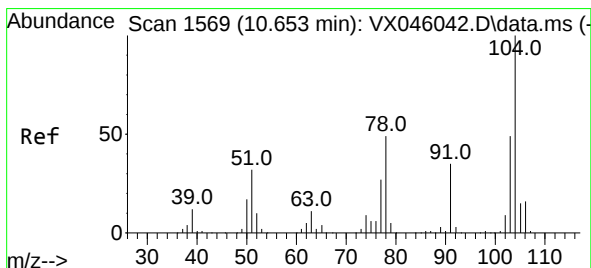
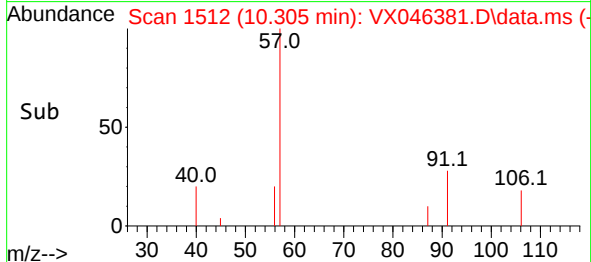
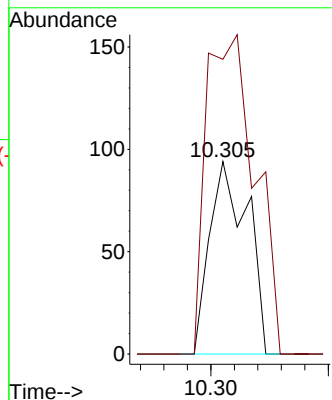
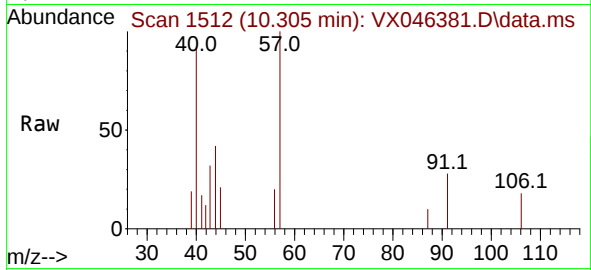




#68  
m/p-Xylenes  
Concen: 0.063 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

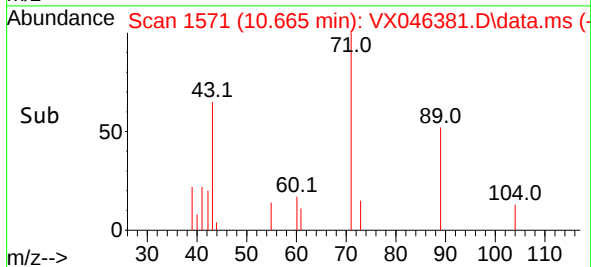
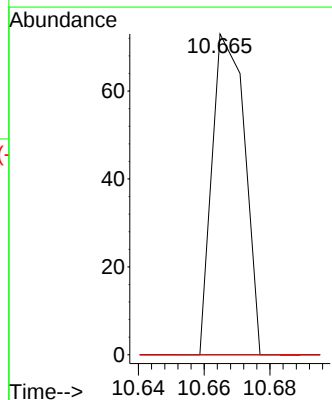
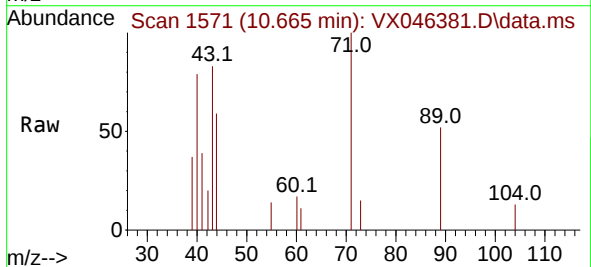
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

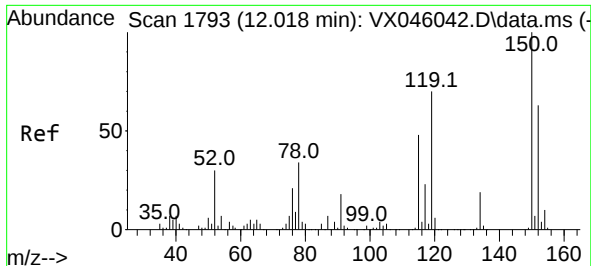
Tgt Ion:106 Resp: 106  
Ion Ratio Lower Upper  
106 100  
91 213.2 171.2 256.8



#70  
Styrene  
Concen: 0.019 ug/l  
RT: 10.665 min Scan# 1571  
Delta R.T. 0.012 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion:104 Resp: 50  
Ion Ratio Lower Upper  
104 100  
78 0.0 45.7 68.5#  
103 0.0 43.7 65.5#

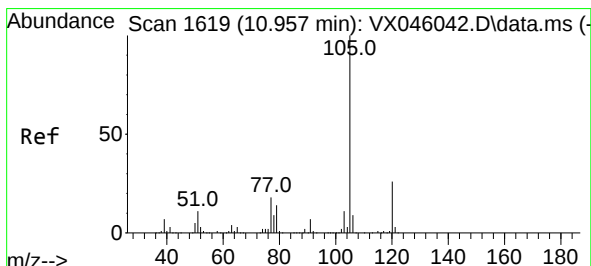
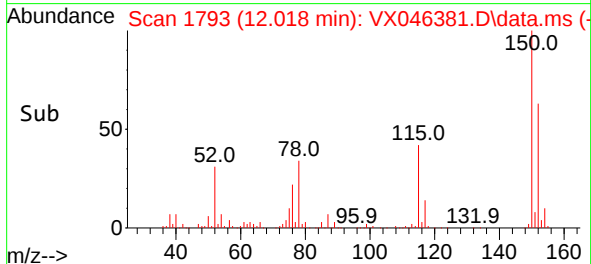
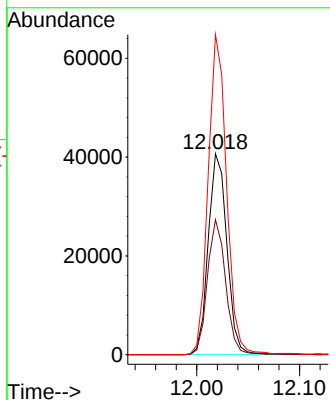
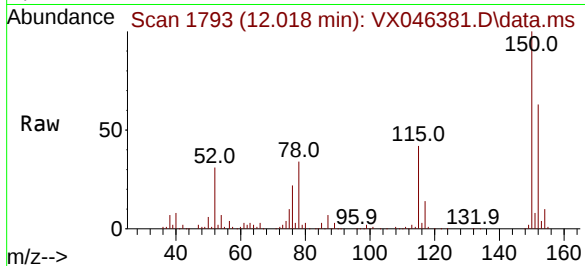




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

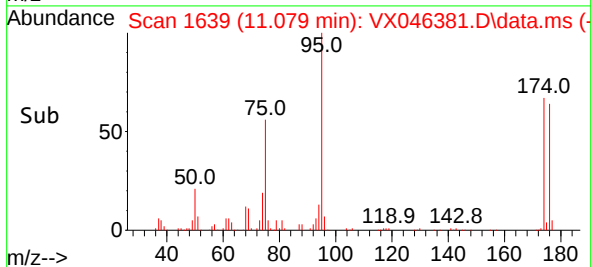
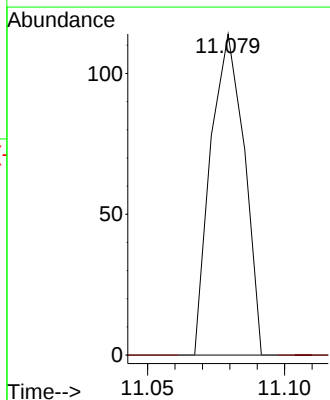
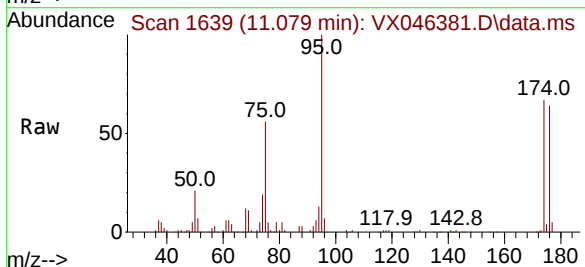
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-3

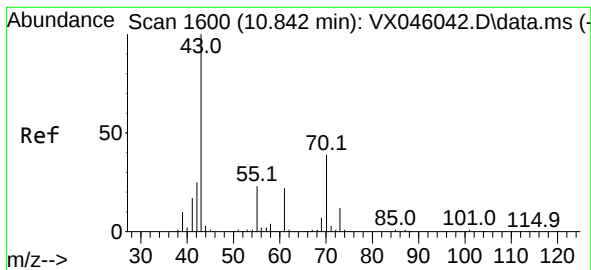
Tgt Ion:152 Resp: 51343  
 Ion Ratio Lower Upper  
 152 100  
 115 65.7 46.9 140.7  
 150 156.8 0.0 351.0



#73  
 Isopropylbenzene  
 Concen: 0.024 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.122 min  
 Lab File: VX046381.D  
 Acq: 28 May 2025 13:29

Tgt Ion:105 Resp: 97  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 12.8 38.4#





#74

N-amy1 acetate

Concen: 0.722 ug/l

RT: 10.781 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX046381.D

Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

TP-3

Tgt Ion: 43 Resp: 1427

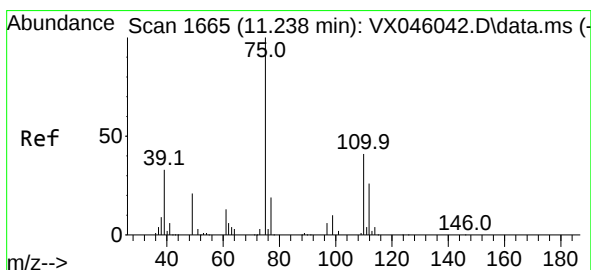
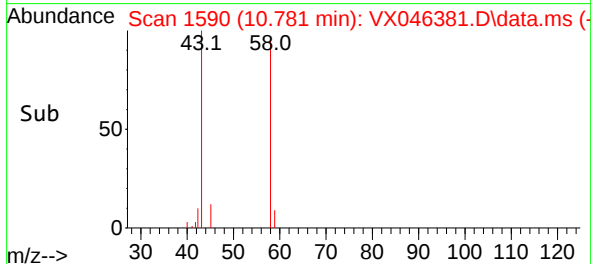
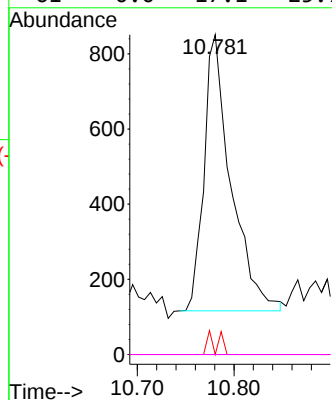
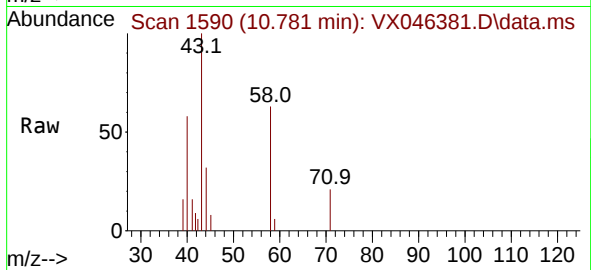
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 3.2 18.7 28.1#

61 0.0 17.1 25.7#



#76

1,2,3-Trichloropropane

Concen: 28.839 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX046381.D

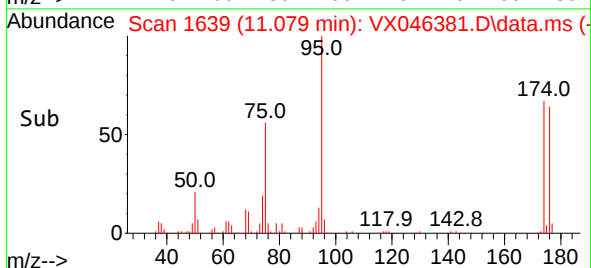
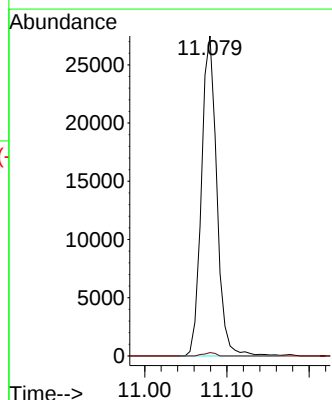
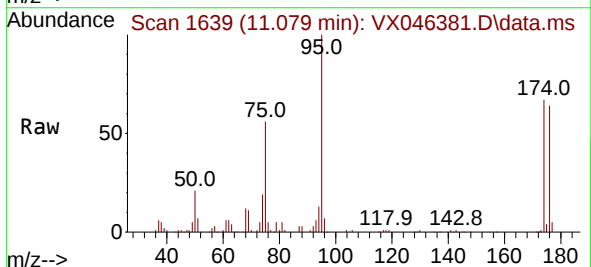
Acq: 28 May 2025 13:29

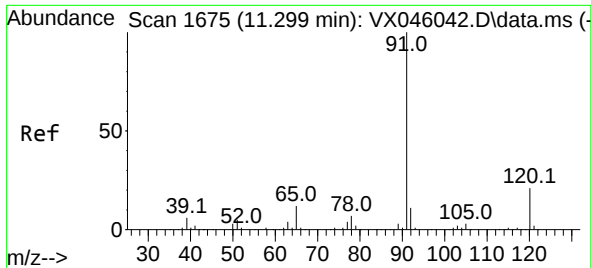
Tgt Ion: 75 Resp: 35641

Ion Ratio Lower Upper

75 100

77 0.8 20.5 61.5#

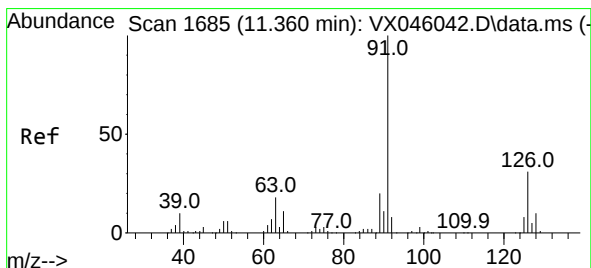
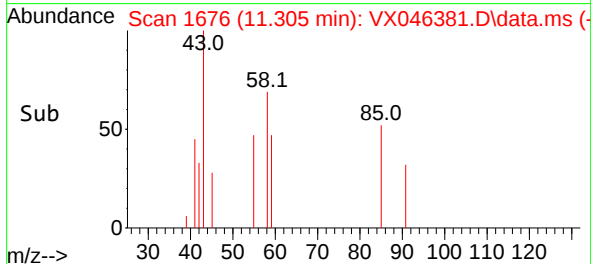
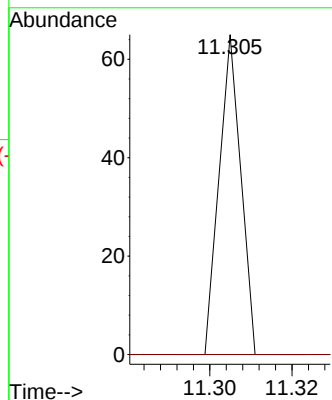
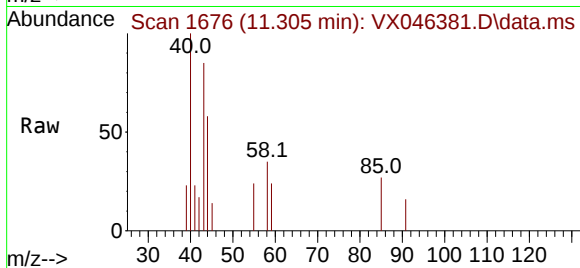




#78  
n-propylbenzene  
Concen: 0.005 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

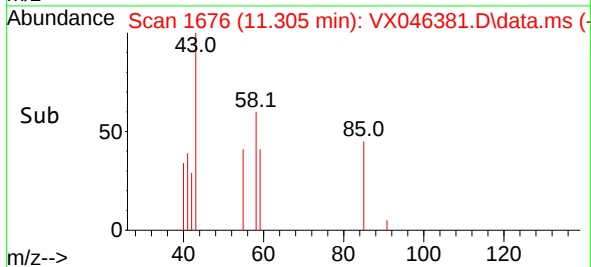
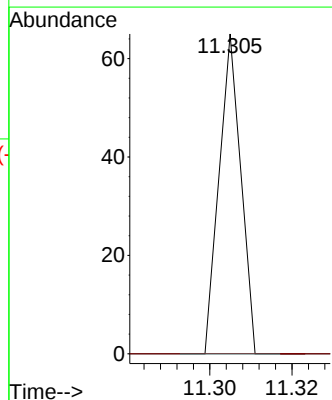
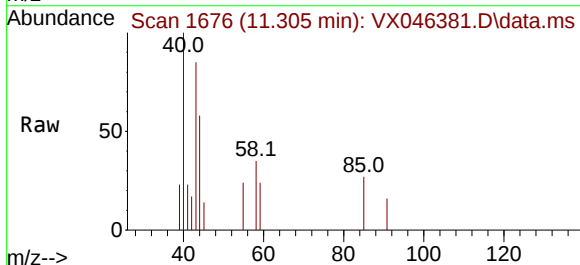
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

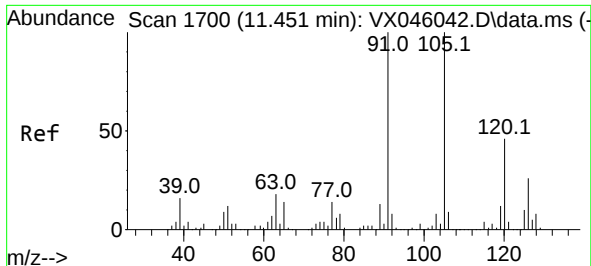
Tgt Ion: 91 Resp: 24  
Ion Ratio Lower Upper  
91 100  
120 0.0 10.8 32.4#



#79  
2-Chlorotoluene  
Concen: 0.008 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.055 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 91 Resp: 24  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.6 46.7#

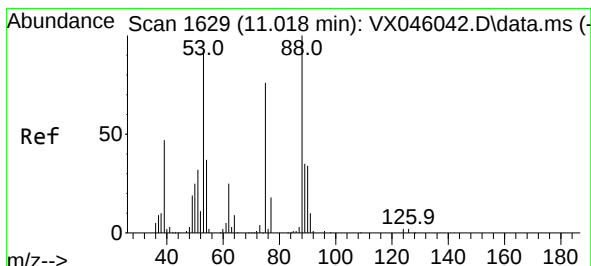
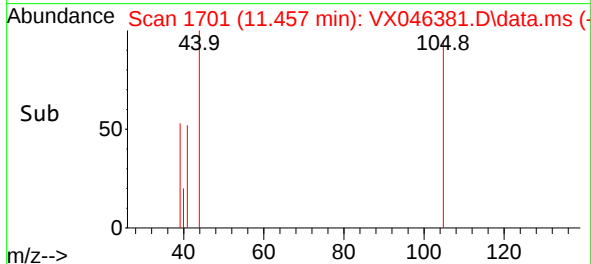
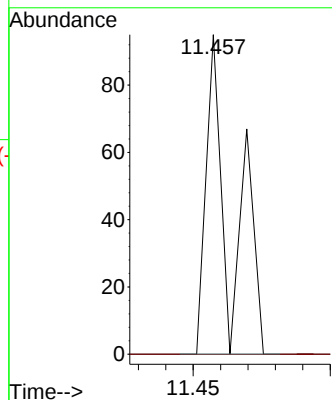
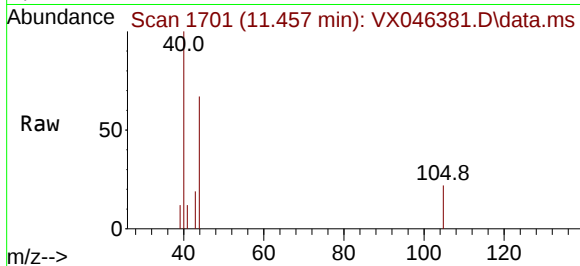




#80  
1,3,5-Trimethylbenzene  
Concen: 0.018 ug/l  
RT: 11.457 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

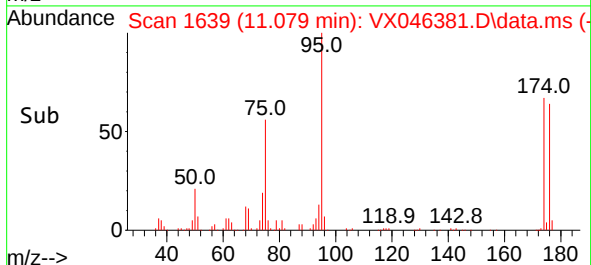
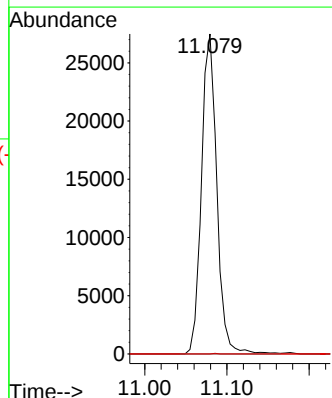
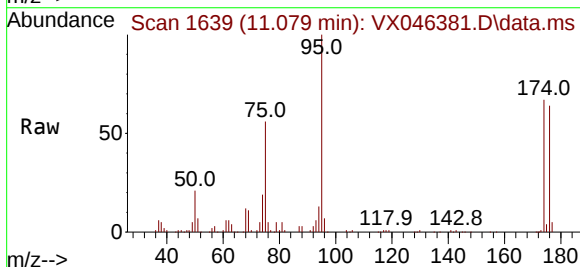
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

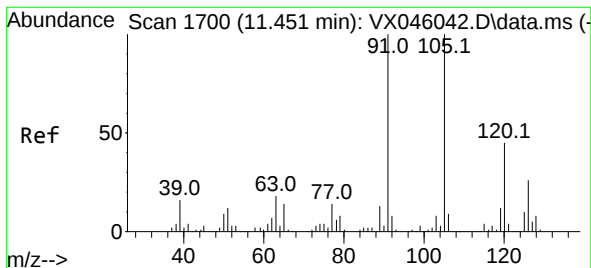
Tgt Ion:105 Resp: 59  
Ion Ratio Lower Upper  
105 100  
120 0.0 23.1 69.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.891 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 75 Resp: 35641  
Ion Ratio Lower Upper  
75 100  
53 0.1 100.5 150.7#  
89 0.0 37.0 55.6#

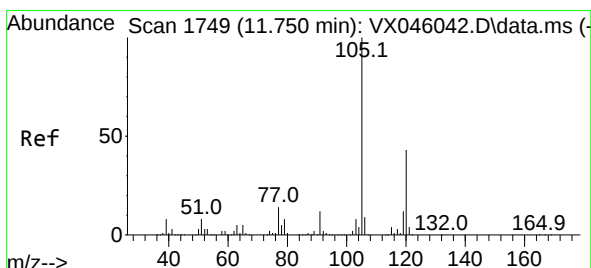
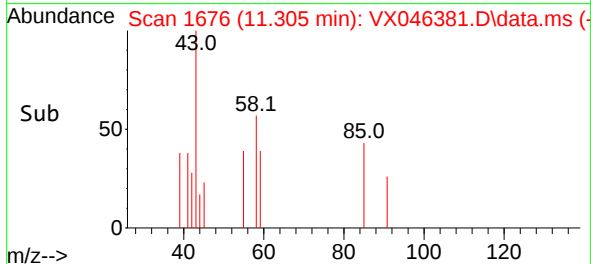
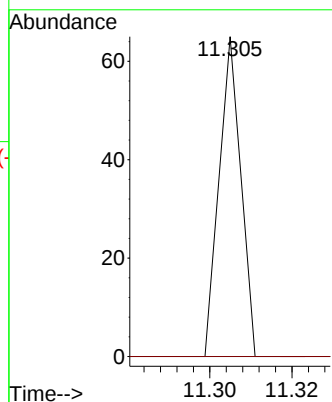
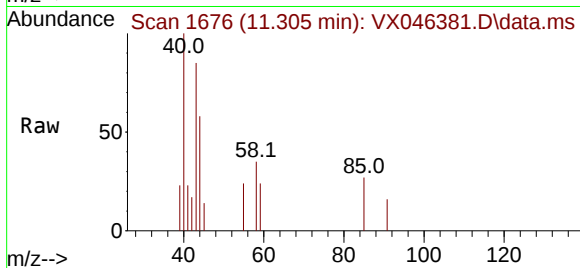




#82  
4-Chlorotoluene  
Concen: 0.007 ug/l  
RT: 11.305 min Scan# 11  
Delta R.T. -0.146 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

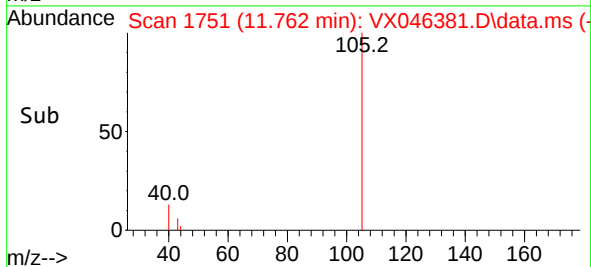
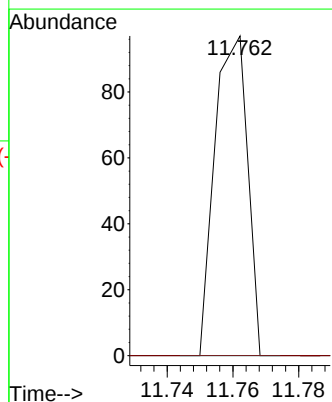
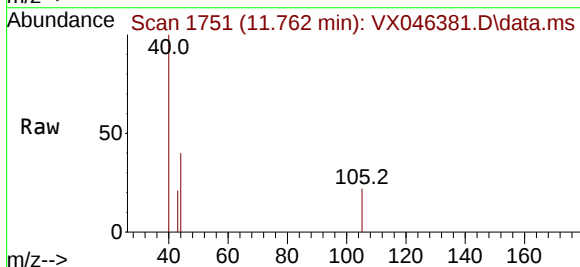
Instrument :  
MSVOA\_X  
ClientSampleId :  
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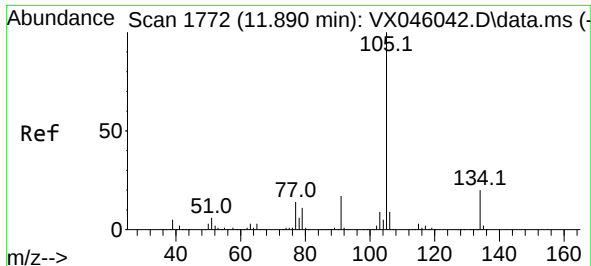
Tgt Ion: 91 Resp: 24  
Ion Ratio Lower Upper  
91 100  
126 0.0 13.3 39.8#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.020 ug/l  
RT: 11.762 min Scan# 1751  
Delta R.T. 0.012 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion: 105 Resp: 67  
Ion Ratio Lower Upper  
105 100  
120 0.0 21.2 63.6#

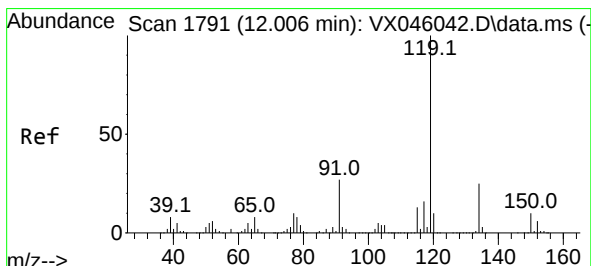
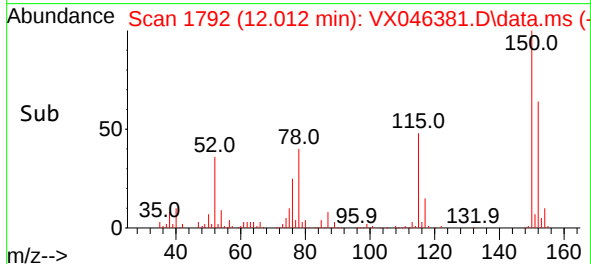
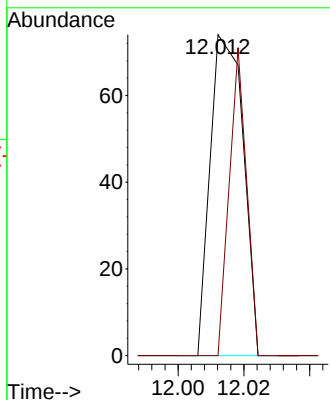
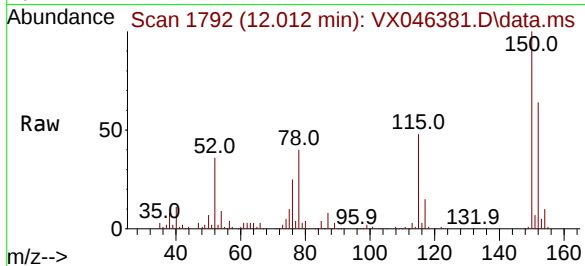




#85  
sec-Butylbenzene  
Concen: 0.013 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.122 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

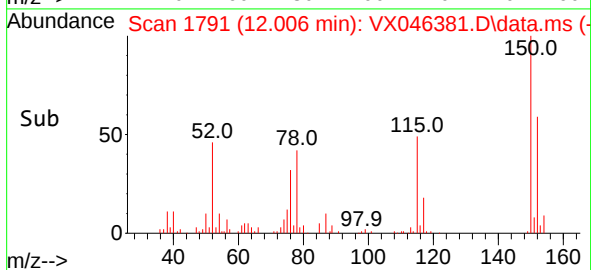
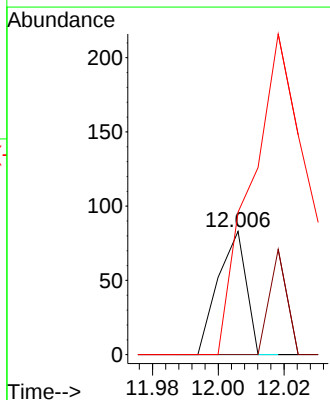
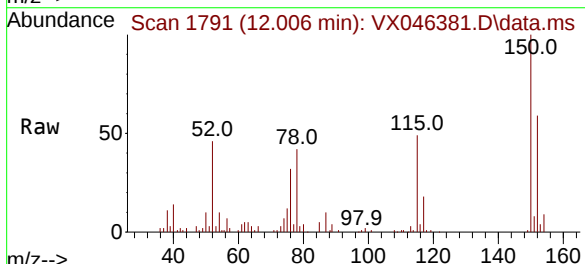
Instrument :  
MSVOA\_X  
ClientSampleId :  
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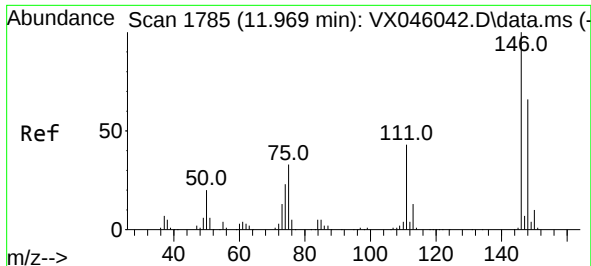
Tgt Ion:105 Resp: 52  
Ion Ratio Lower Upper  
105 100  
134 50.0 9.7 29.1#



#86  
p-Isopropyltoluene  
Concen: 0.014 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion:119 Resp: 49  
Ion Ratio Lower Upper  
119 100  
134 53.1 12.5 37.5#  
91 551.0 13.8 41.4#

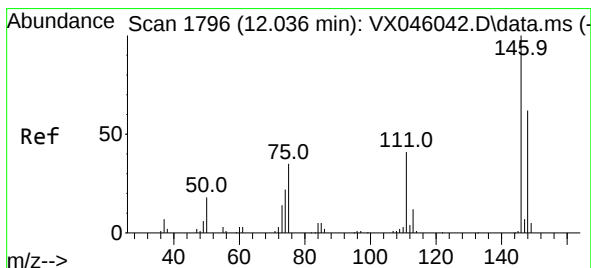
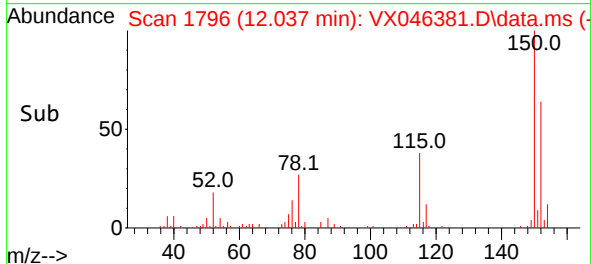
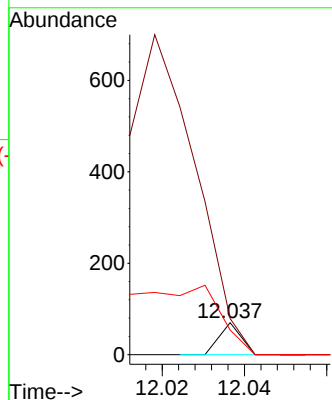
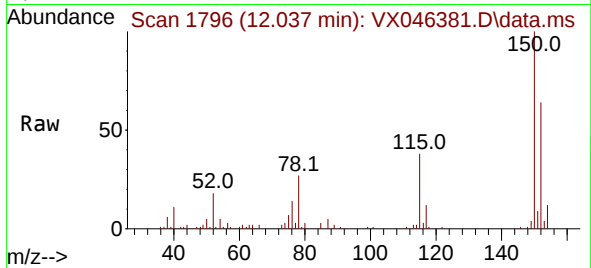




#87  
1,3-Dichlorobenzene  
Concen: 0.015 ug/l  
RT: 12.037 min Scan# 1796  
Delta R.T. 0.067 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

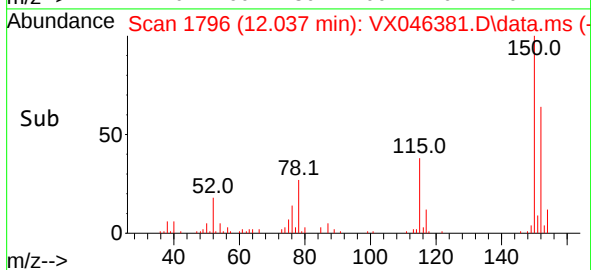
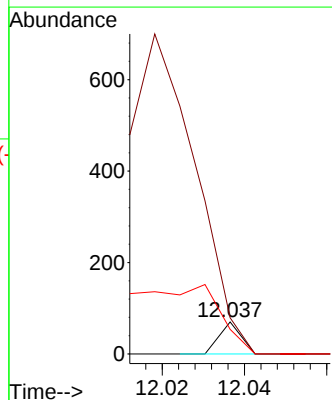
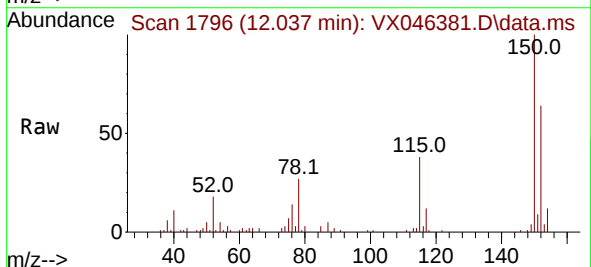
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-3

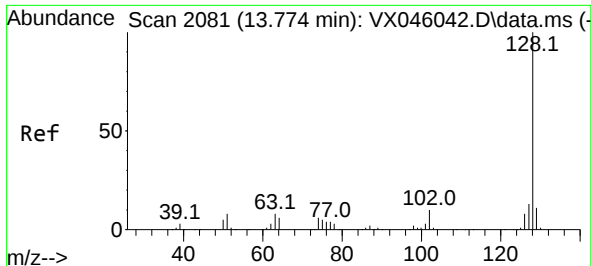
Tgt Ion:146 Resp: 26  
Ion Ratio Lower Upper  
146 100  
111 3361.5 22.1 66.3#  
148 850.0 32.1 96.5#



#88  
1,4-Dichlorobenzene  
Concen: 0.015 ug/l  
RT: 12.037 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VX046381.D  
Acq: 28 May 2025 13:29

Tgt Ion:146 Resp: 26  
Ion Ratio Lower Upper  
146 100  
111 3361.5 21.3 63.9#  
148 850.0 31.9 95.5#





#95

Naphthalene

Concen: 0.071 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX046381.D

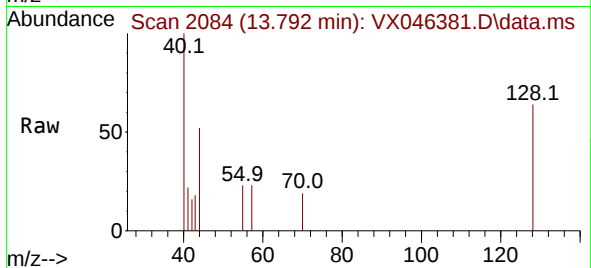
Acq: 28 May 2025 13:29

Instrument :

MSVOA\_X

ClientSampleId :

TP-3



Tgt Ion:128 Resp: 254

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#

