

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101325\  
 Data File : VX048146.D  
 Acq On : 13 Oct 2025 16:32  
 Operator : JC/MD  
 Sample : Q3327-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 HADLEY-ROAD-TP

Quant Time: Oct 14 01:57:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

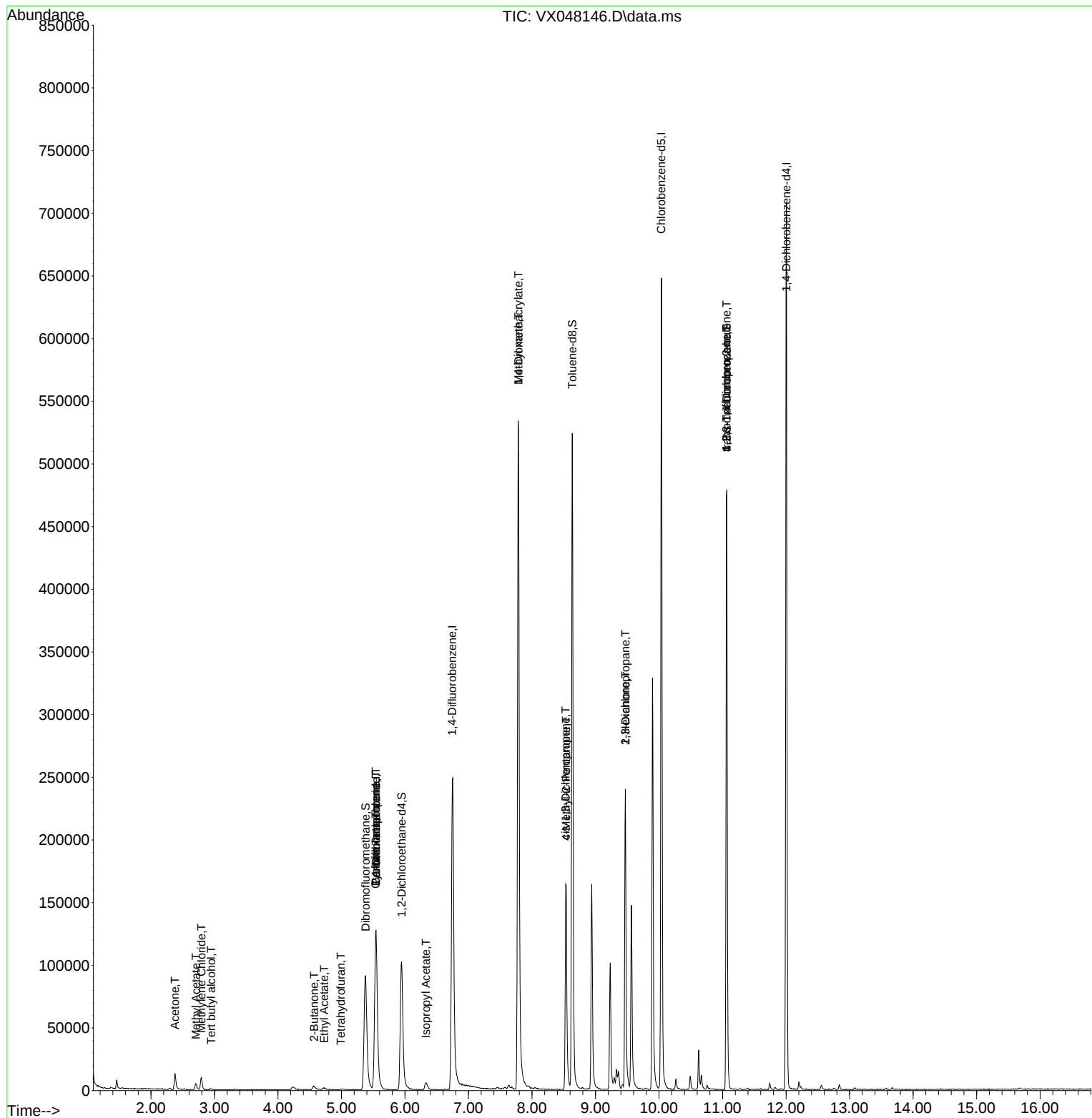
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544  | 168   | 127936   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.745  | 114   | 267189   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117   | 287886   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152   | 146879   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.946  | 65    | 112619   | 55.302   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | = 110.600% |          |
| 35) Dibromofluoromethane      | 5.379  | 113   | 90681    | 50.606   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 101.220% |          |
| 50) Toluene-d8                | 8.634  | 98    | 312106   | 50.337   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | = 100.680% |          |
| 62) 4-Bromofluorobenzene      | 11.061 | 95    | 137410   | 58.394   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | = 116.780% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.946  | 59    | 725      | 3.197    | ug/l #     | 72       |
| 16) Acetone                   | 2.380  | 43    | 17054    | 19.260   | ug/l       | 98       |
| 18) Methyl Acetate            | 2.709  | 43    | 7790     | 3.953    | ug/l       | 94       |
| 20) Methylene Chloride        | 2.794  | 84    | 4836     | 2.580    | ug/l       | 96       |
| 25) 2-Butanone                | 4.568  | 43    | 7181     | 6.502    | ug/l #     | 86       |
| 29) Tetrahydrofuran           | 4.989  | 42    | 203      | 0.306    | ug/l #     | 34       |
| 31) Cyclohexane               | 5.537  | 56    | 2943     | 1.094    | ug/l #     | 32       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 10722    | 4.095    | ug/l #     | 52       |
| 37) Ethyl Acetate             | 4.727  | 43    | 3904     | 1.393    | ug/l #     | 89       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 13593    | 4.778    | ug/l #     | 17       |
| 43) Isopropyl Acetate         | 6.330  | 43    | 9519     | 2.070    | ug/l #     | 82       |
| 48) Methyl methacrylate       | 7.787  | 41    | 54682    | 23.875   | ug/l #     | 48       |
| 49) 1,4-Dioxane               | 7.787  | 88    | 70       | 3.024    | ug/l #     | 1        |
| 51) 4-Methyl-2-Pentanone      | 8.537  | 43    | 63945    | 25.083   | ug/l #     | 51       |
| 54) cis-1,3-Dichloropropene   | 8.531  | 75    | 28523    | 8.555    | ug/l #     | 62       |
| 57) 1,3-Dichloropropane       | 9.470  | 76    | 2131     | 0.657    | ug/l #     | 42       |
| 59) 2-Hexanone                | 9.470  | 43    | 30296    | 16.547   | ug/l #     | 56       |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75    | 72763    | 24.468   | ug/l #     | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75    | 72763    | 62.396   | ug/l #     | 8        |
| -----                         |        |       |          |          |            |          |

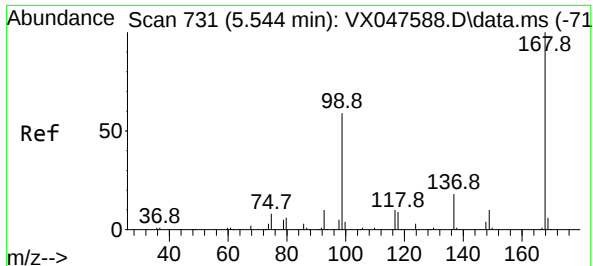
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
HADLEY-ROAD-TP

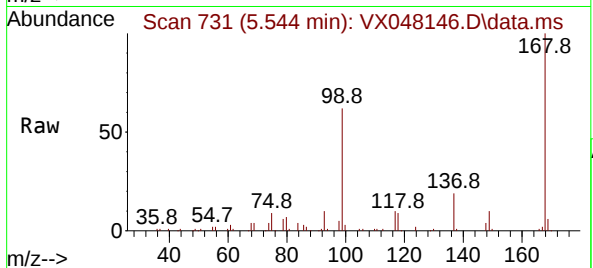
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
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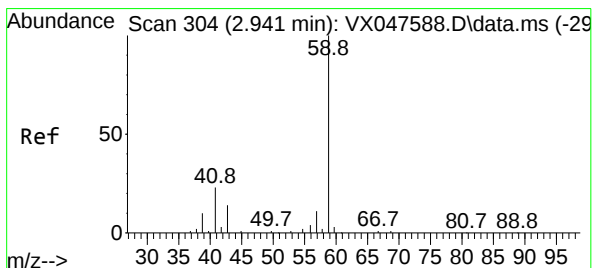
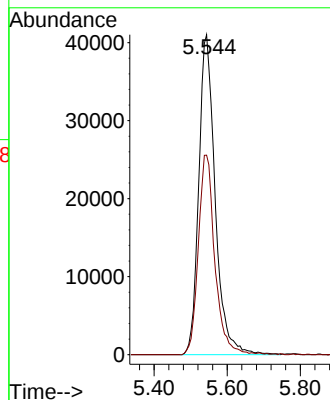
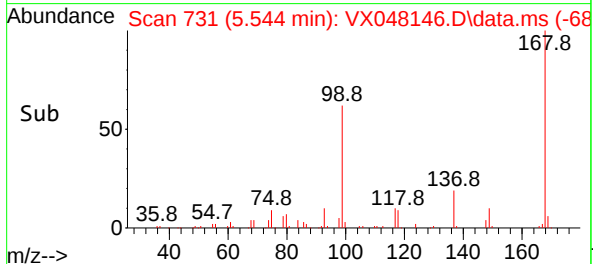


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

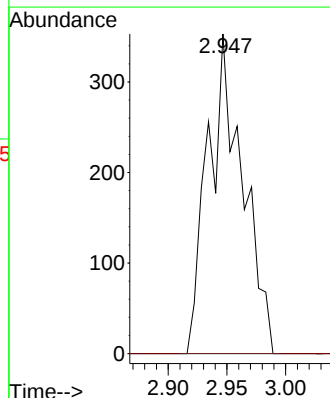
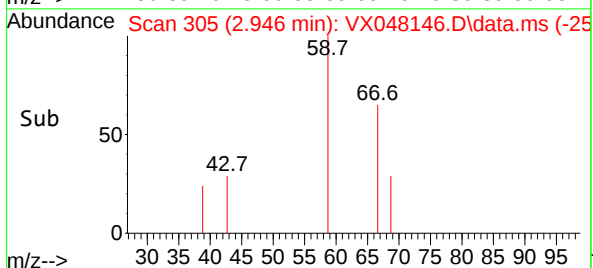
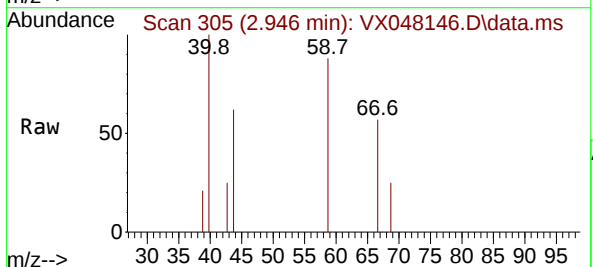


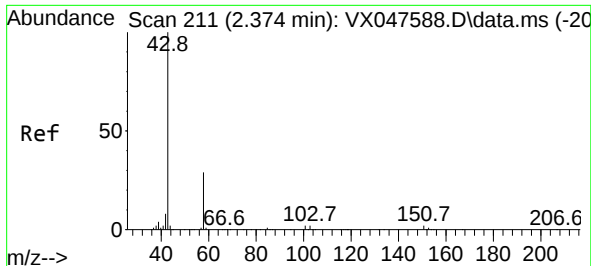
Tgt Ion:168 Resp: 127936  
Ion Ratio Lower Upper  
168 100  
99 62.4 48.8 73.2



#11  
Tert butyl alcohol  
Concen: 3.197 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 59 Resp: 725  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

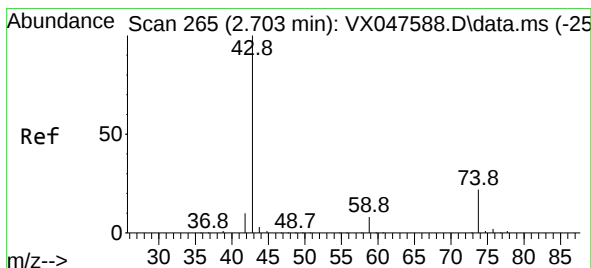
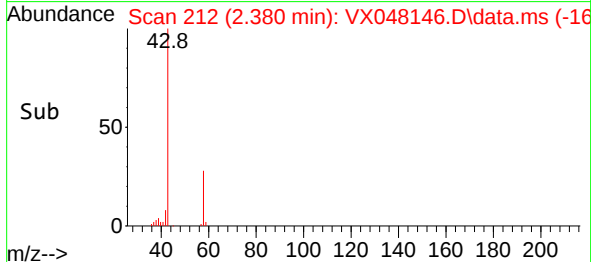
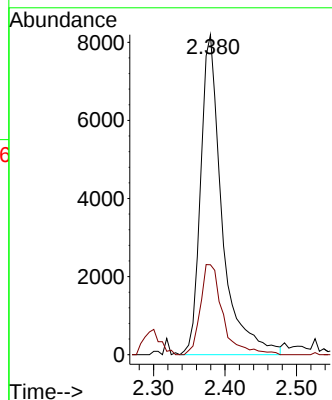
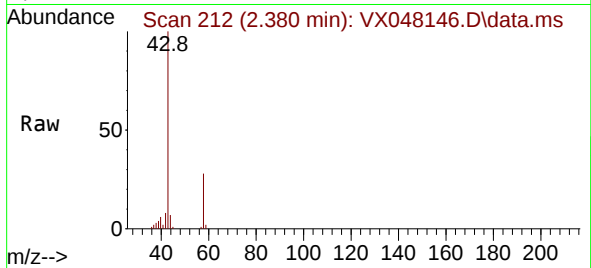




#16  
Acetone  
Concen: 19.260 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

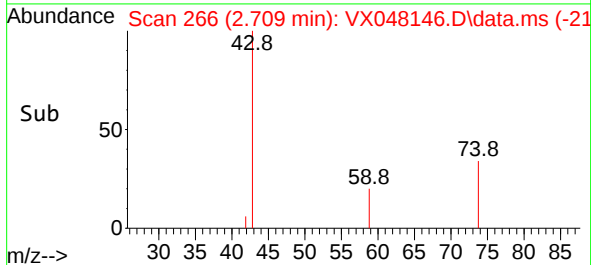
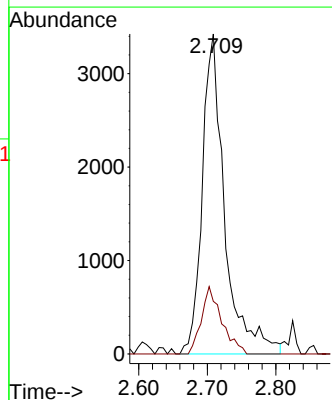
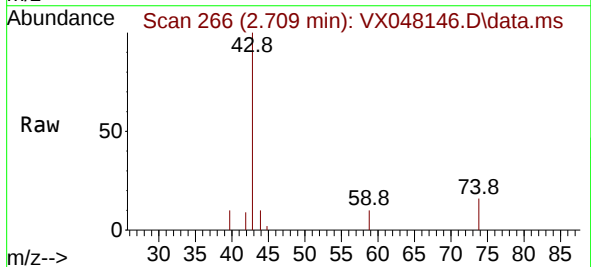
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MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

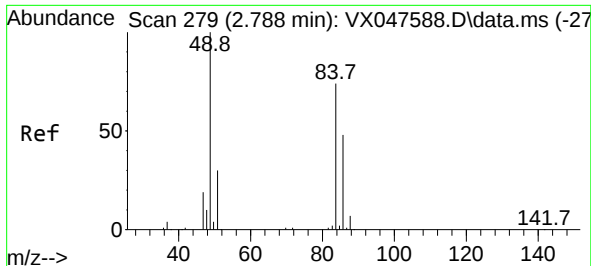
Tgt Ion: 43 Resp: 17054  
Ion Ratio Lower Upper  
43 100  
58 28.1 23.4 35.0



#18  
Methyl Acetate  
Concen: 3.953 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 43 Resp: 7790  
Ion Ratio Lower Upper  
43 100  
74 19.1 17.4 26.2

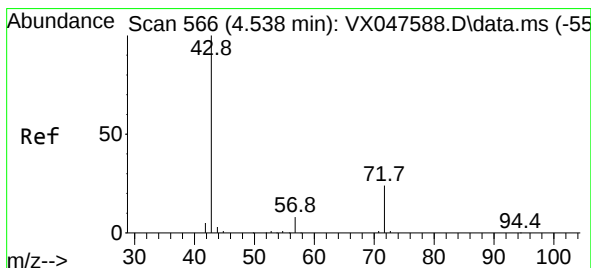
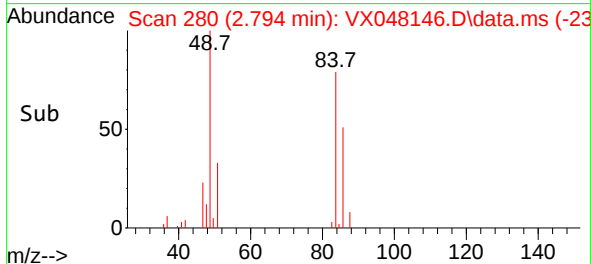
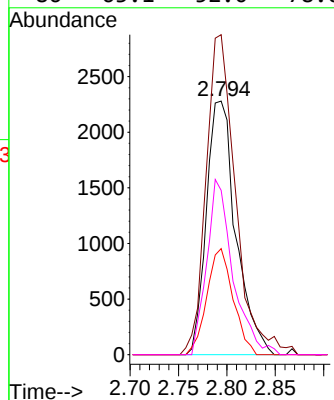
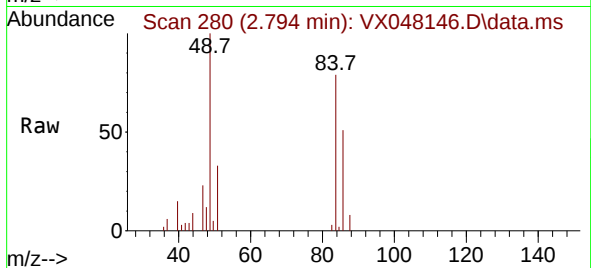




#20  
Methylene Chloride  
Concen: 2.580 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

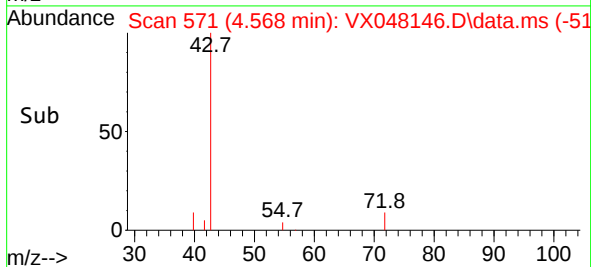
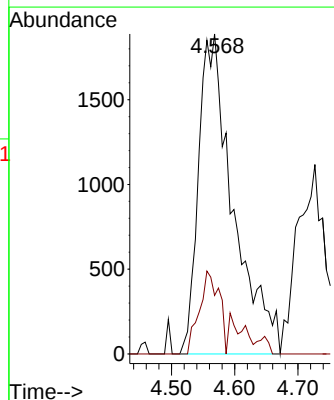
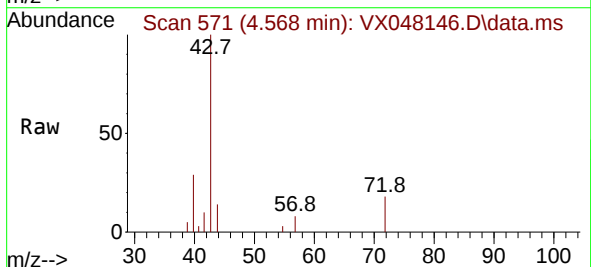
Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

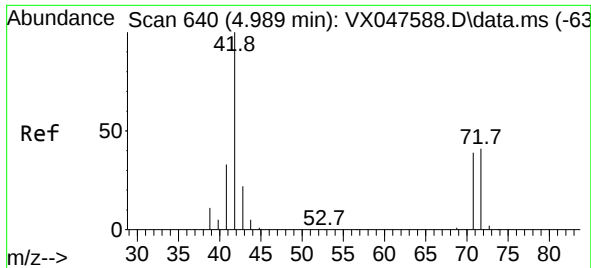
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 4836  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 128.9 | 108.6 | 162.8 |
| 51       | 40.7  | 32.6  | 48.8  |
| 86       | 63.1  | 52.0  | 78.0  |



#25  
2-Butanone  
Concen: 6.502 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.030 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7181  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 18.3  | 20.1  | 30.1# |

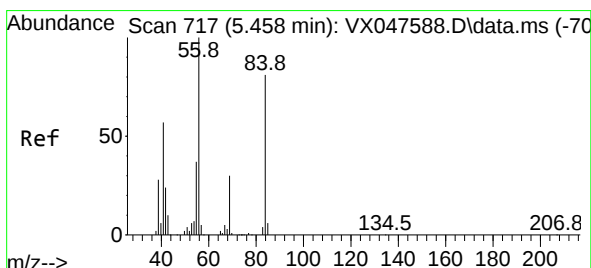
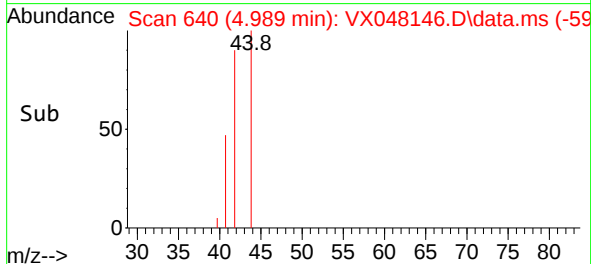
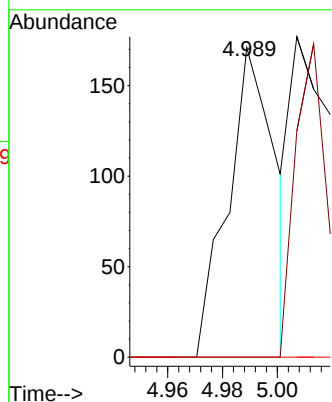
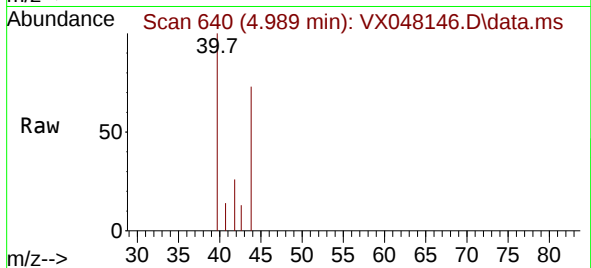




#29  
Tetrahydrofuran  
Concen: 0.306 ug/l  
RT: 4.989 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

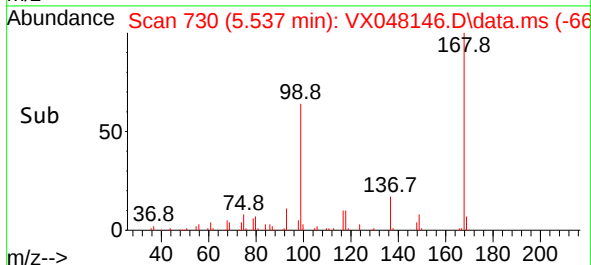
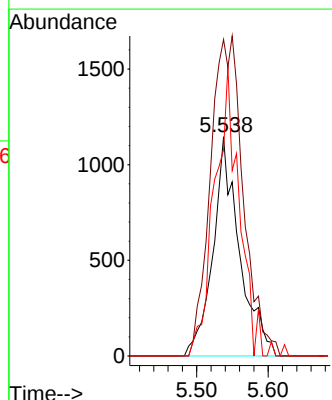
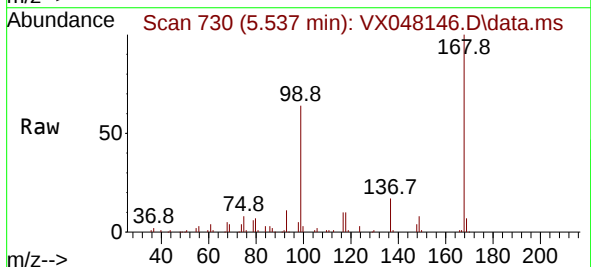
Instrument :  
MSVOA\_X  
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HADLEY-ROAD-TP

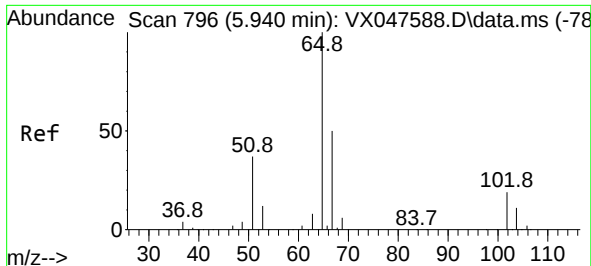
Tgt Ion: 42 Resp: 203  
Ion Ratio Lower Upper  
42 100  
72 0.0 34.2 51.2#  
71 0.0 31.9 47.9#



#31  
Cyclohexane  
Concen: 1.094 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. 0.079 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 56 Resp: 2943  
Ion Ratio Lower Upper  
56 100  
69 144.4 23.8 35.8#  
84 94.0 64.6 97.0





#33

1,2-Dichloroethane-d4

Concen: 55.302 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

Instrument :

MSVOA\_X

ClientSampleId :

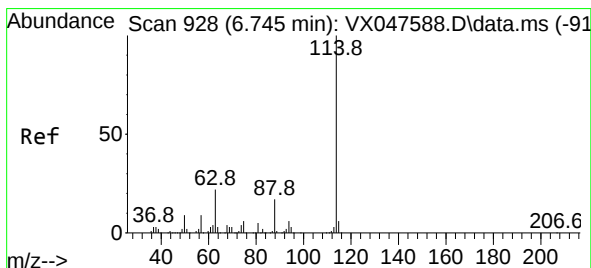
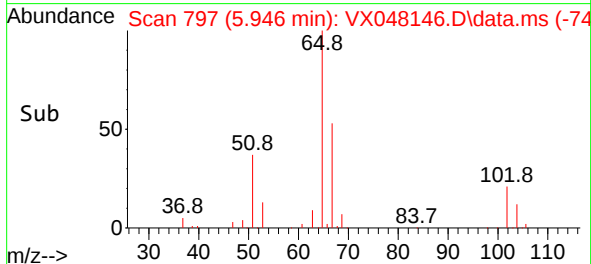
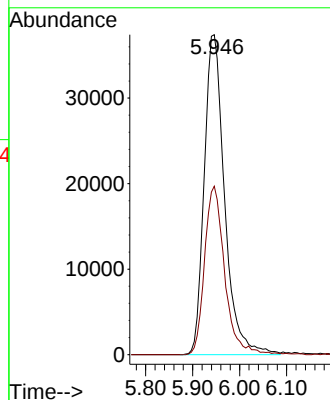
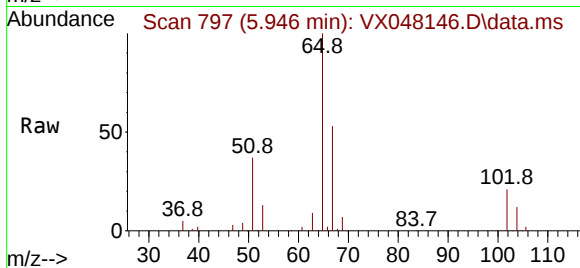
HADLEY-ROAD-TP

Tgt Ion: 65 Resp: 112619

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

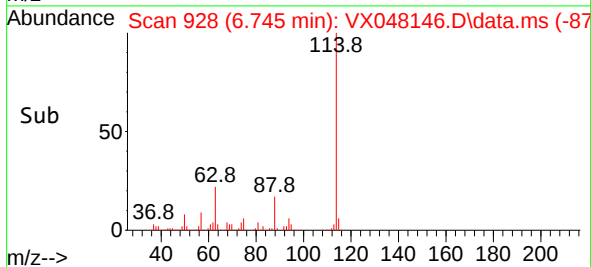
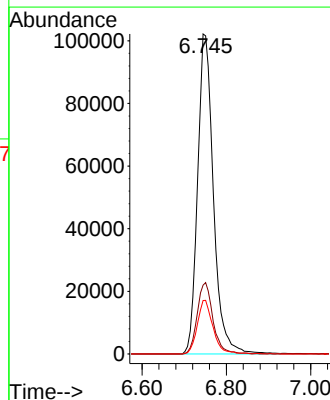
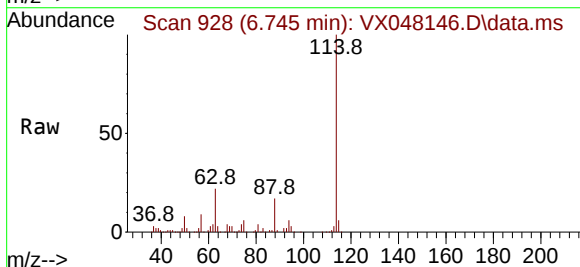
Tgt Ion: 114 Resp: 267189

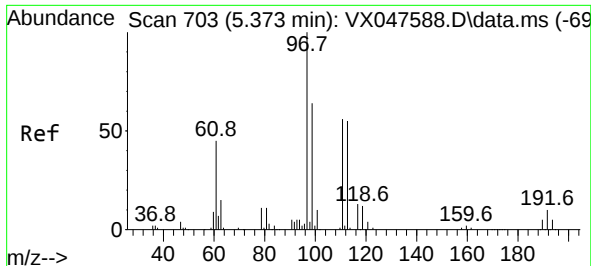
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.7 0.0 34.2

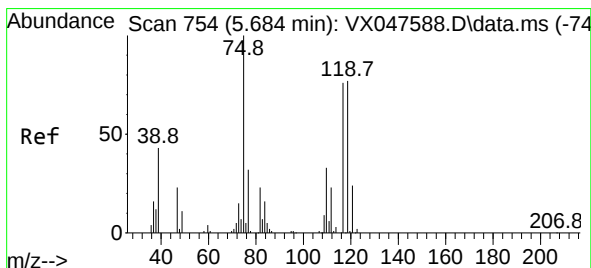
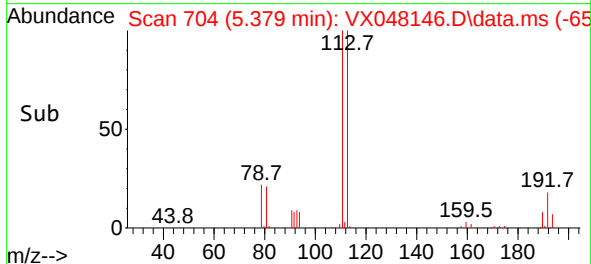
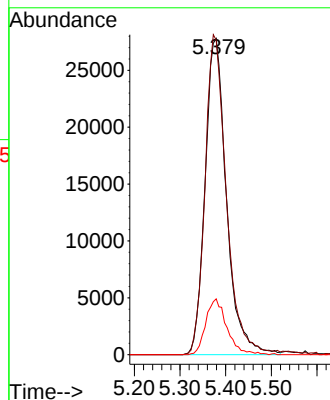
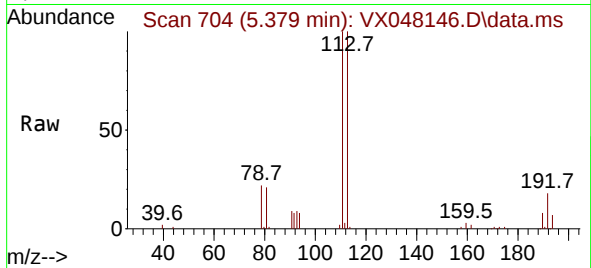




#35  
Dibromofluoromethane  
Concen: 50.606 ug/l  
RT: 5.379 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

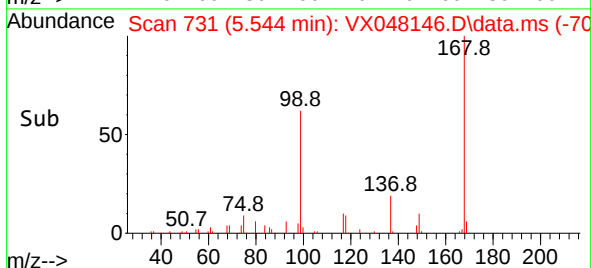
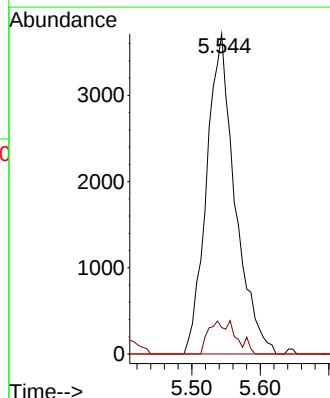
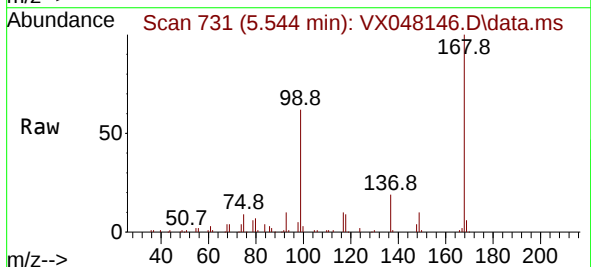
Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

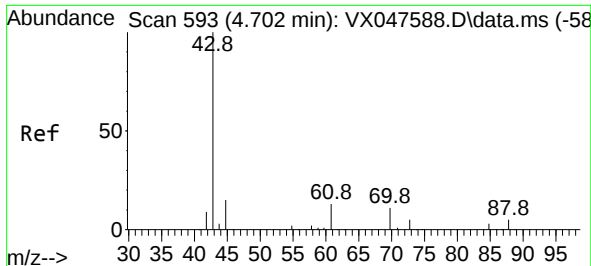
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Ion Ratio Lower Upper  
113 100  
111 101.1 80.9 121.3  
192 17.4 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 4.095 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.140 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 75 Resp: 10722  
Ion Ratio Lower Upper  
75 100  
110 9.8 16.7 50.1#  
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 1.393 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.024 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

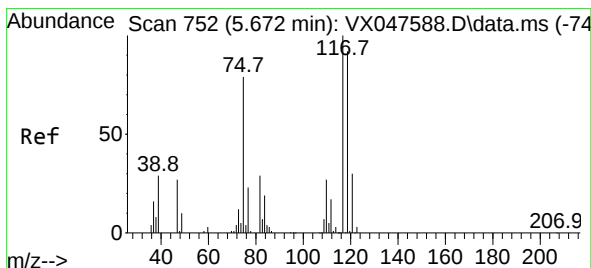
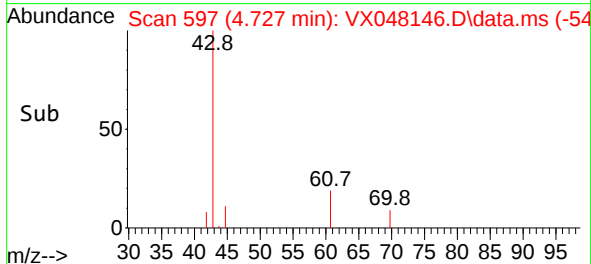
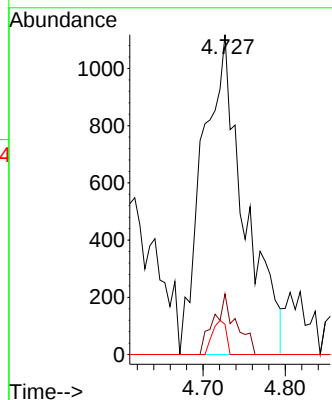
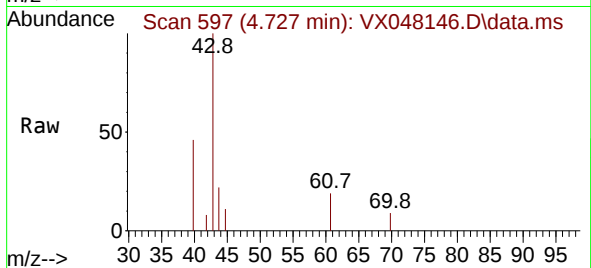
Instrument :

MSVOA\_X

ClientSampleId :

HADLEY-ROAD-TP

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3904  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 10.3  | 9.8   | 14.8  |
| 70       | 3.5   | 7.9   | 11.9# |



#38

Carbon Tetrachloride

Concen: 4.778 ug/l

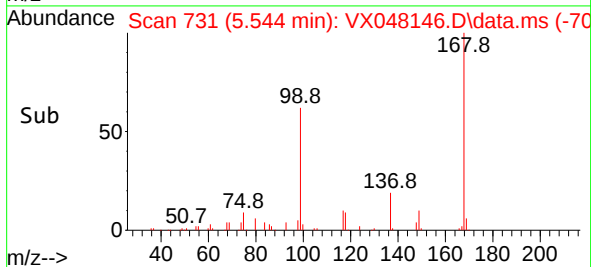
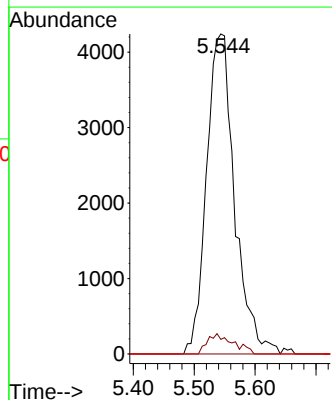
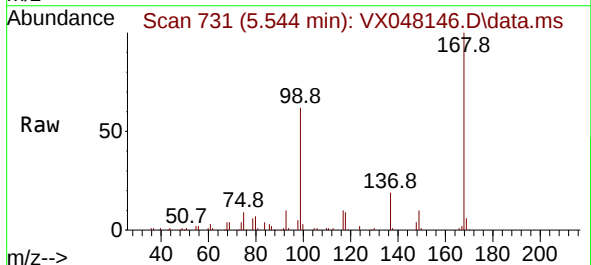
RT: 5.544 min Scan# 731

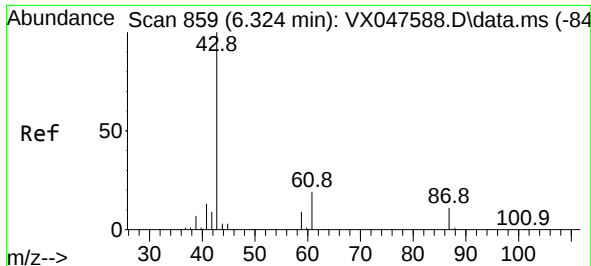
Delta R.T. -0.128 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 13593  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.6   | 73.4  | 110.2# |
| 121      | 0.0   | 23.8  | 35.6#  |

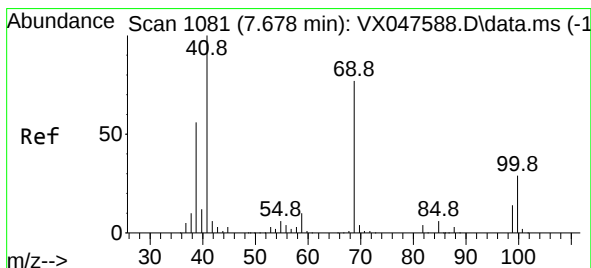
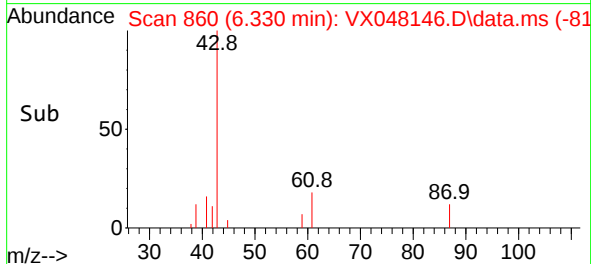
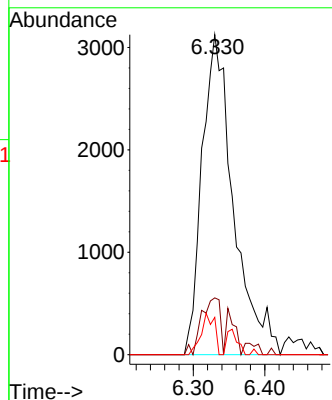
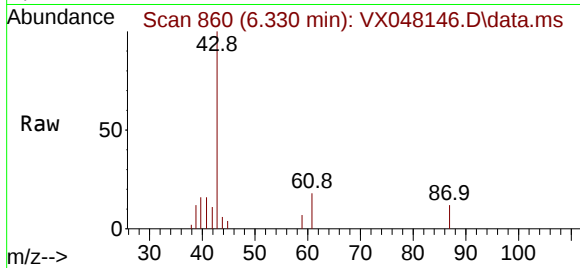




#43  
Isopropyl Acetate  
Concen: 2.070 ug/l  
RT: 6.330 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

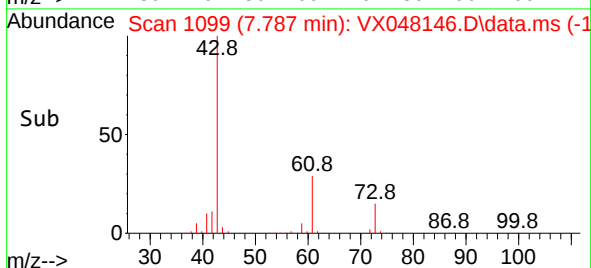
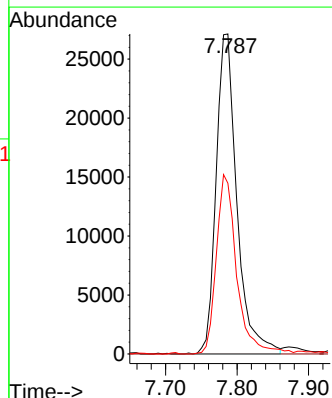
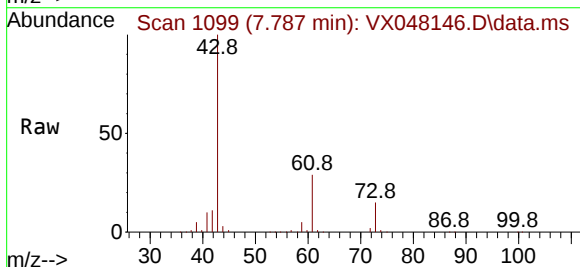
Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

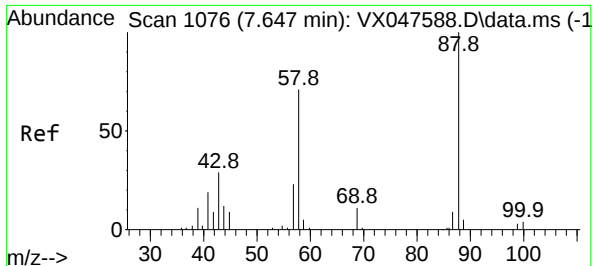
Tgt Ion: 43 Resp: 9519  
Ion Ratio Lower Upper  
43 100  
61 10.6 15.2 22.8#  
87 5.5 9.6 14.4#



#48  
Methyl methacrylate  
Concen: 23.875 ug/l  
RT: 7.787 min Scan# 1099  
Delta R.T. 0.110 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 41 Resp: 54682  
Ion Ratio Lower Upper  
41 100  
69 0.0 61.4 92.2#  
39 55.0 45.8 68.6





#49

1,4-Dioxane

Concen: 3.024 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.140 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

Instrument :

MSVOA\_X

ClientSampleId :

HADLEY-ROAD-TP

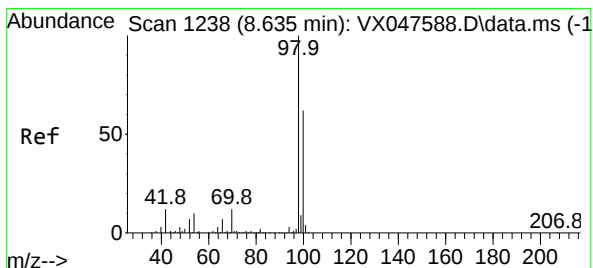
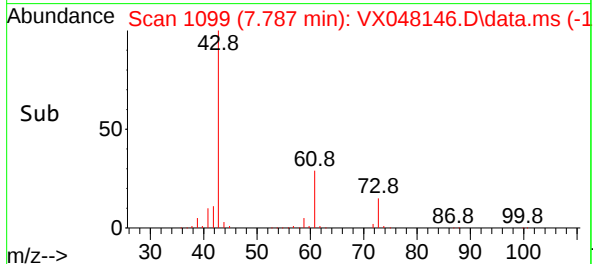
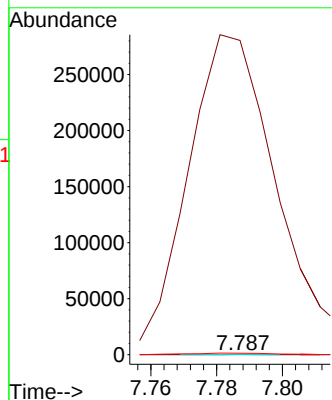
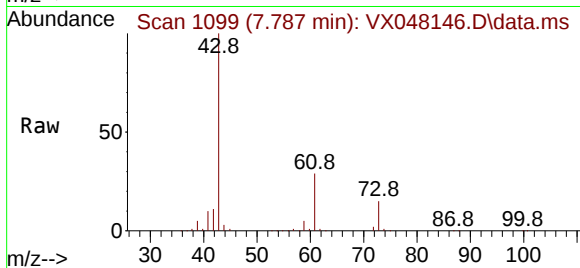
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 814204.3 30.2 45.2#

58 3937.1 59.5 89.3#



#50

Toluene-d8

Concen: 50.337 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048146.D

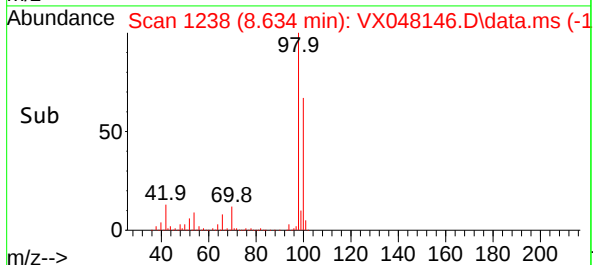
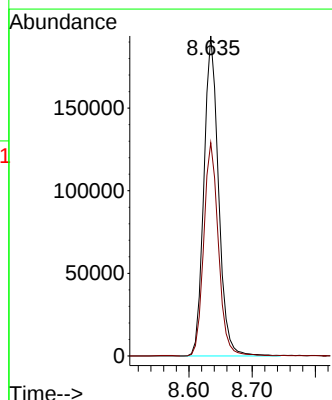
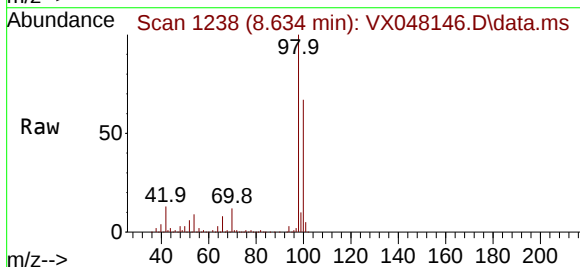
Acq: 13 Oct 2025 16:32

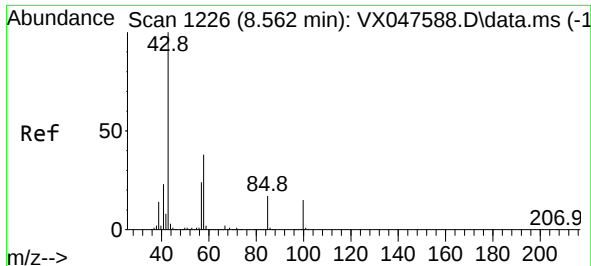
Tgt Ion: 98 Resp: 312106

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 25.083 ug/l

RT: 8.537 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

Instrument :

MSVOA\_X

ClientSampleId :

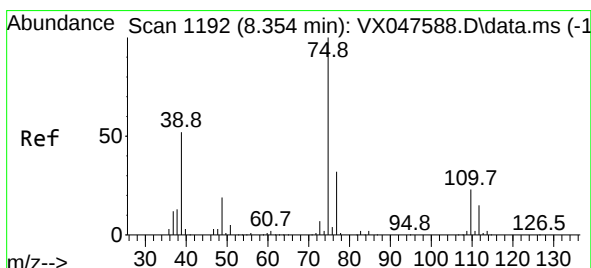
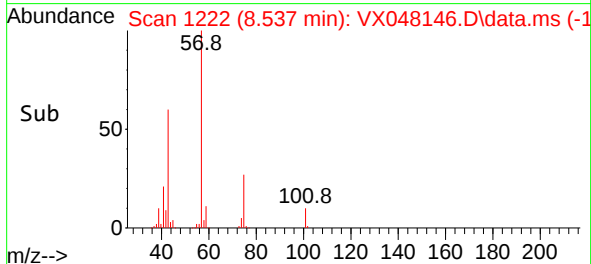
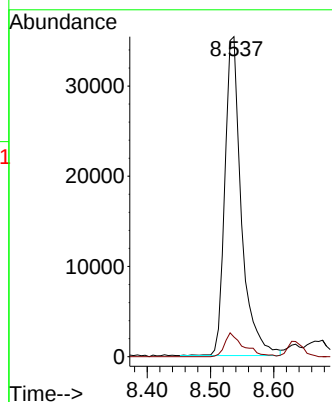
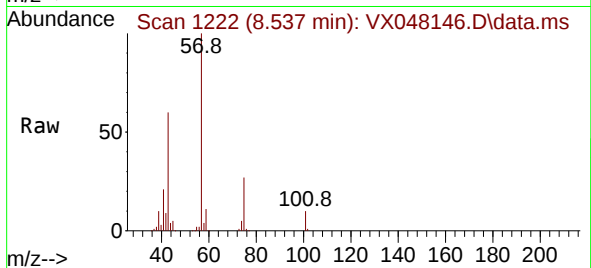
HADLEY-ROAD-TP

Tgt Ion: 43 Resp: 63945

Ion Ratio Lower Upper

43 100

58 8.6 30.3 45.5#



#54

cis-1,3-Dichloropropene

Concen: 8.555 ug/l

RT: 8.531 min Scan# 1221

Delta R.T. 0.177 min

Lab File: VX048146.D

Acq: 13 Oct 2025 16:32

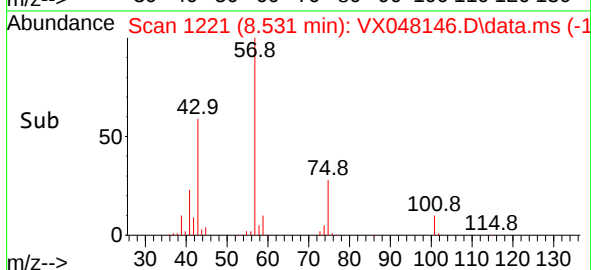
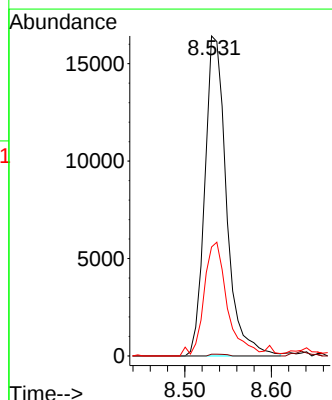
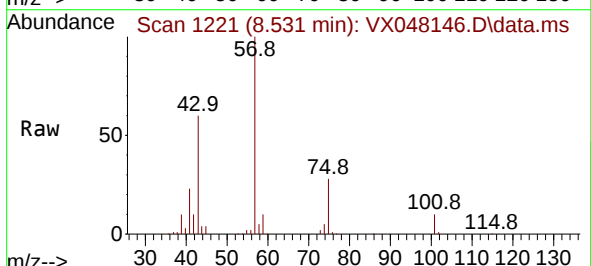
Tgt Ion: 75 Resp: 28523

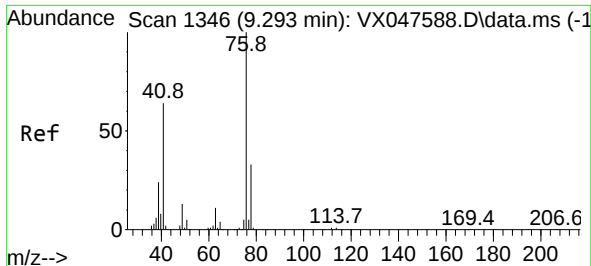
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 33.3 41.4 62.2#

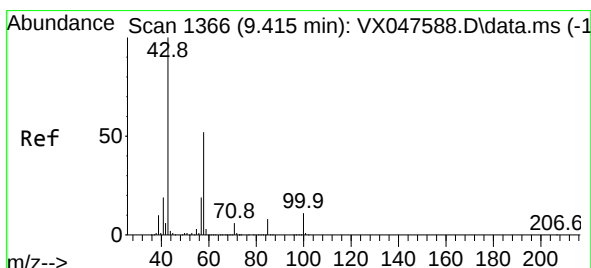
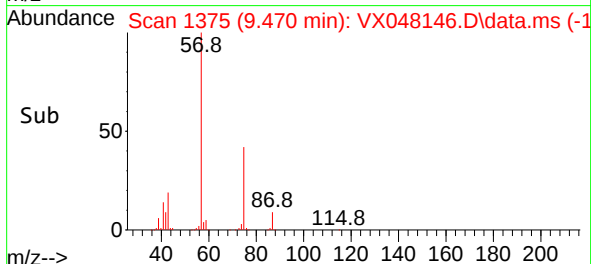
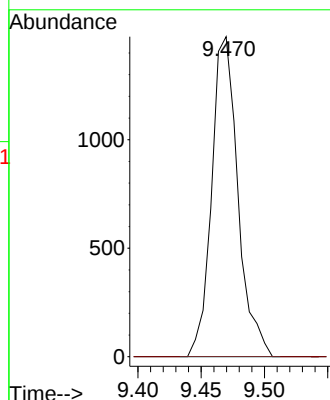
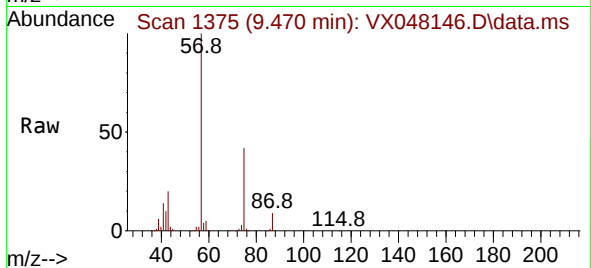




#57  
1,3-Dichloropropane  
Concen: 0.657 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. 0.177 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

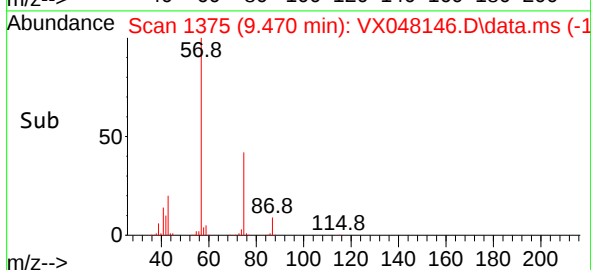
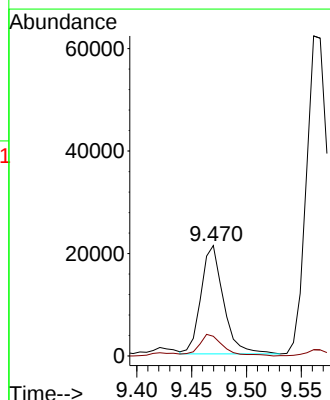
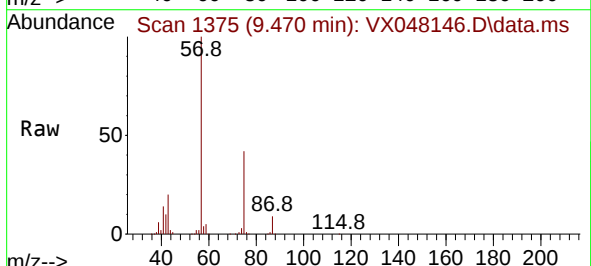
Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

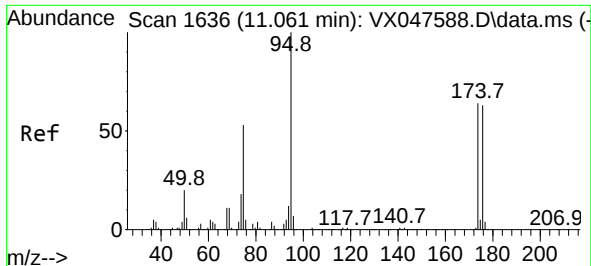
Tgt Ion: 76 Resp: 2131  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.2 39.4#



#59  
2-Hexanone  
Concen: 16.547 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. 0.055 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 43 Resp: 30296  
Ion Ratio Lower Upper  
43 100  
58 21.2 26.1 78.2#

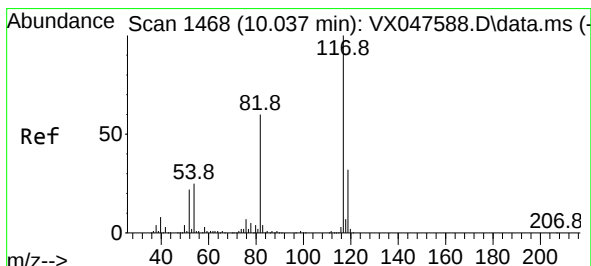
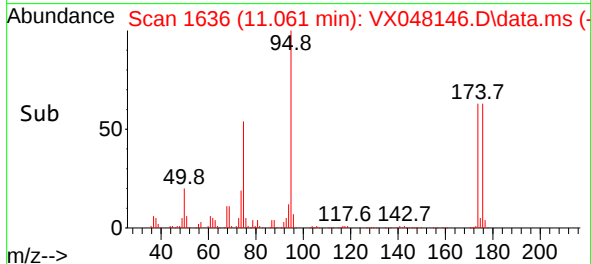
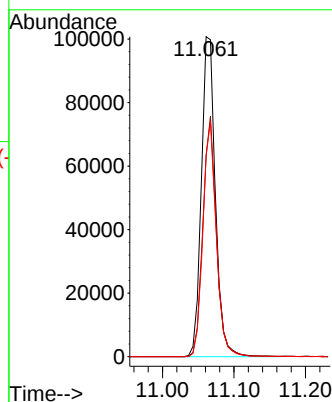
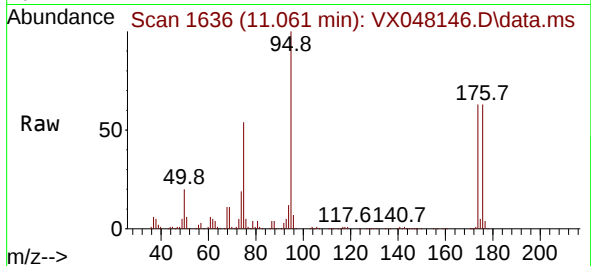




#62  
4-Bromofluorobenzene  
Concen: 58.394 ug/l  
RT: 11.061 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

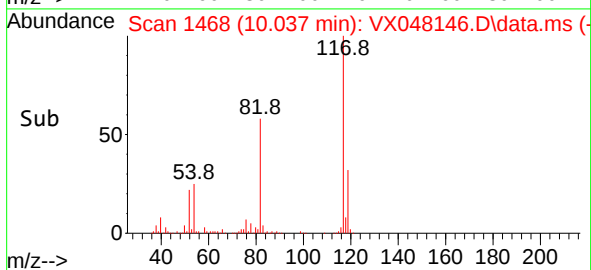
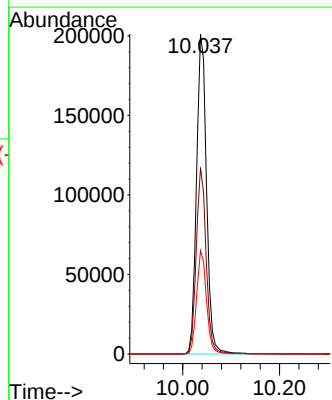
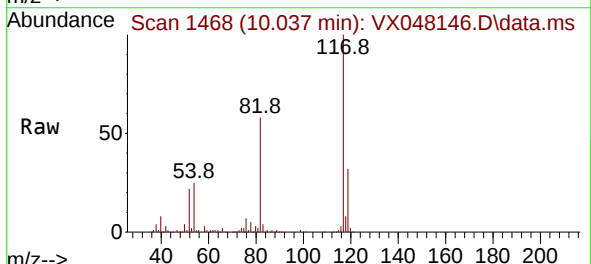
Instrument :  
MSVOA\_X  
ClientSampleId :  
HADLEY-ROAD-TP

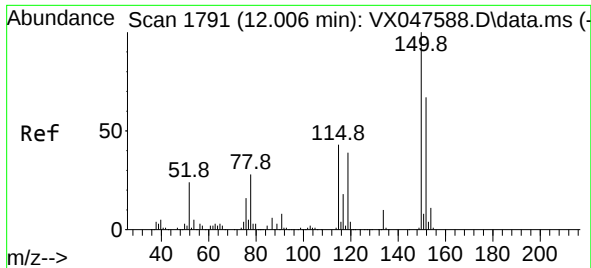
Tgt Ion: 95 Resp: 137410  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 141.6  
176 70.2 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048146.D  
Acq: 13 Oct 2025 16:32

Tgt Ion: 117 Resp: 287886  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.8 71.6  
119 32.3 25.2 37.8

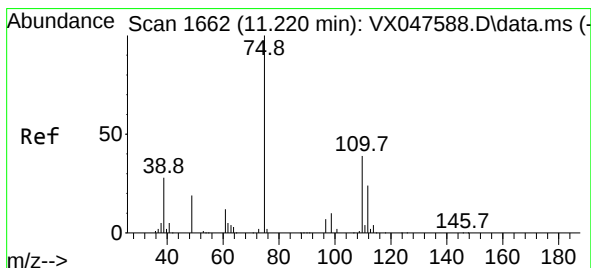
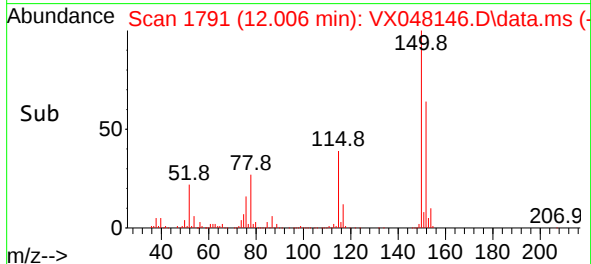
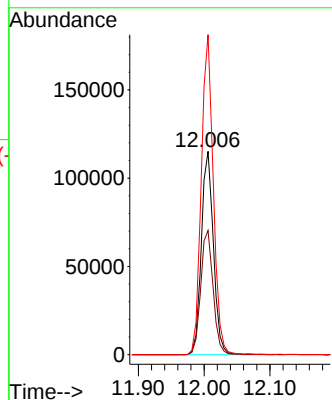
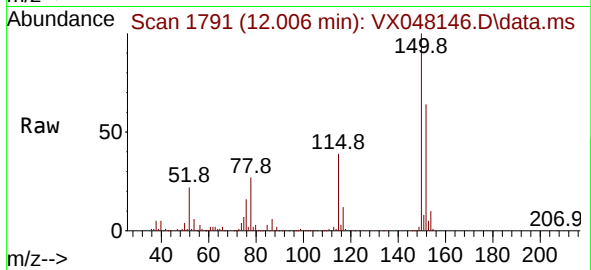




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VX048146.D  
 Acq: 13 Oct 2025 16:32

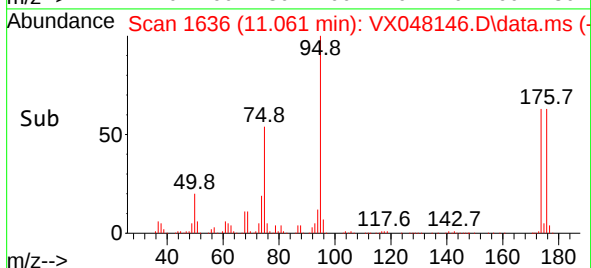
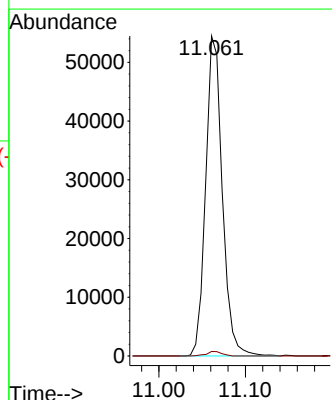
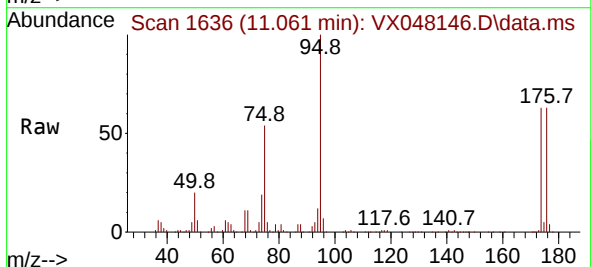
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 HADLEY-ROAD-TP

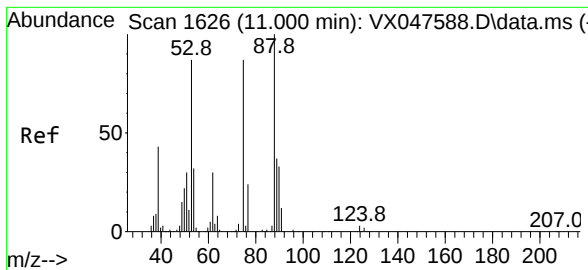
Tgt Ion:152 Resp: 146879  
 Ion Ratio Lower Upper  
 152 100  
 115 62.8 44.9 134.5  
 150 156.8 0.0 352.0



#76  
 1,2,3-Trichloropropane  
 Concen: 24.468 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.159 min  
 Lab File: VX048146.D  
 Acq: 13 Oct 2025 16:32

Tgt Ion: 75 Resp: 72763  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 18.8 56.4#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.396 ug/l  
 RT: 11.061 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX048146.D  
 Acq: 13 Oct 2025 16:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 HADLEY-ROAD-TP

Tgt Ion: 75 Resp: 72763  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 83.4 125.2#  
 89 0.0 36.3 54.5#

