

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120425\  
 Data File : VN088456.D  
 Acq On : 04 Dec 2025 18:51  
 Operator : JC\MD  
 Sample : Q3750-07RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FENCE WC-1

Quant Time: Dec 05 00:20:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

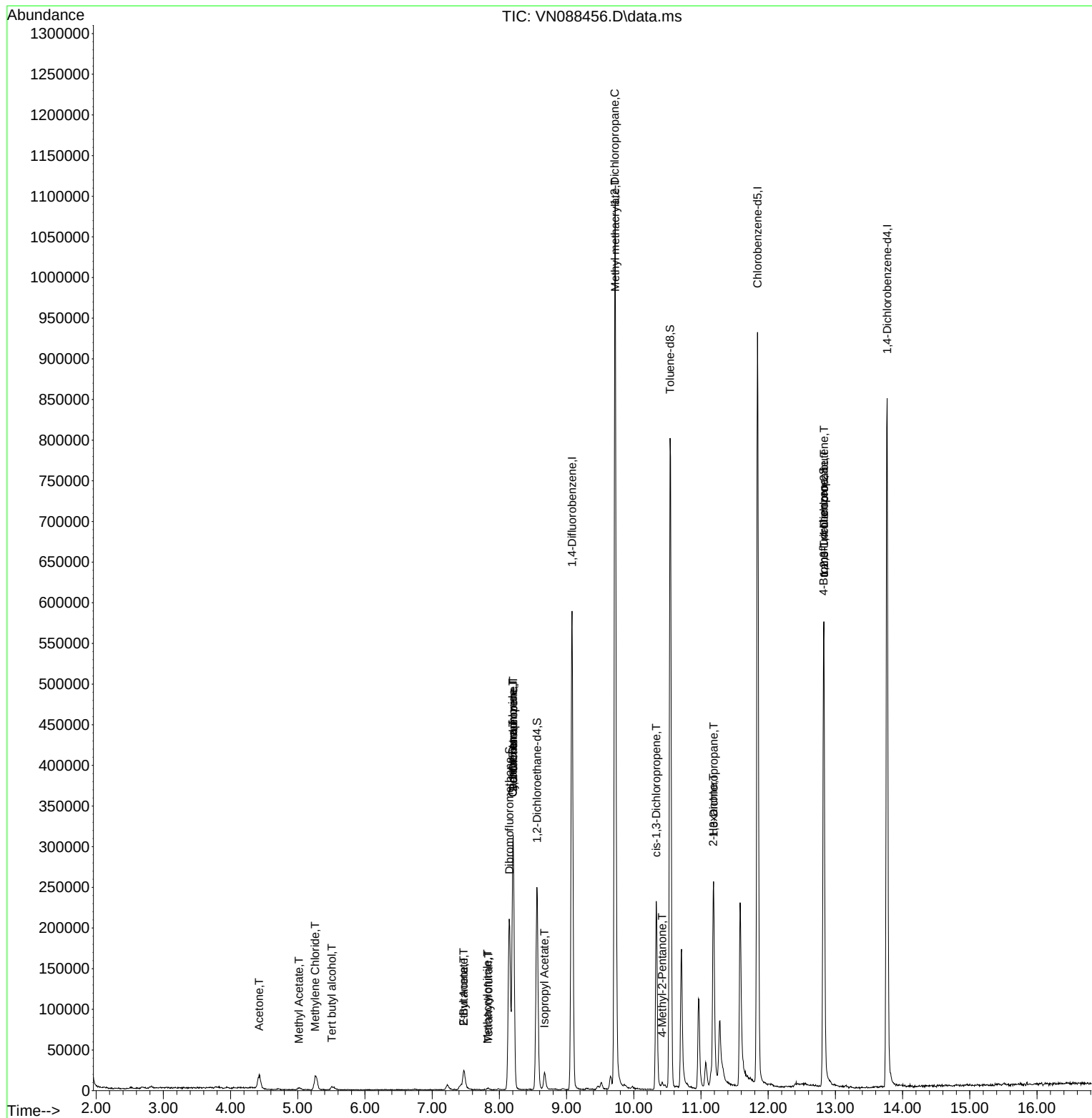
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 8.206          | 168  | 204270              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.083          | 114  | 467899              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.841         | 117  | 483379              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.770         | 152  | 221514              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.559          | 65   | 210586              | 54.726 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 109.460% |        |        |          |
| 35) Dibromofluoromethane      | 8.147          | 113  | 151927              | 46.855 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 93.700%  |        |        |          |
| 50) Toluene-d8                | 10.541         | 98   | 537760              | 44.573 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 89.140%  |        |        |          |
| 62) 4-Bromofluorobenzene      | 12.823         | 95   | 205519              | 49.647 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 99.300%  |        |        |          |
| Target Compounds              |                |      |                     |        |        |          |
|                               |                |      |                     |        | Qvalue |          |
| 11) Tert butyl alcohol        | 5.506          | 59   | 4150                | 6.755  | ug/l # | 94       |
| 16) Acetone                   | 4.424          | 43   | 34848               | 25.041 | ug/l   | 100      |
| 18) Methyl Acetate            | 5.018          | 43   | 5221                | 1.260  | ug/l   | 98       |
| 20) Methylene Chloride        | 5.259          | 84   | 13315               | 4.472  | ug/l   | 94       |
| 25) 2-Butanone                | 7.471          | 43   | 41194               | 18.413 | ug/l   | 94       |
| 29) Tetrahydrofuran           | 7.836          | 42   | 1591                | 0.991  | ug/l # | 46       |
| 31) Cyclohexane               | 8.200          | 56   | 6667                | 1.317  | ug/l # | 41       |
| 36) 1,1-Dichloropropene       | 8.206          | 75   | 21702               | 4.337  | ug/l # | 45       |
| 37) Ethyl Acetate             | 7.471          | 43   | 41194               | 6.260  | ug/l # | 72       |
| 38) Carbon Tetrachloride      | 8.200          | 117  | 23445               | 4.706  | ug/l # | 14       |
| 41) Methacrylonitrile         | 7.824          | 41   | 856                 | 0.263  | ug/l # | 51       |
| 43) Isopropyl Acetate         | 8.671          | 43   | 25731               | 2.559  | ug/l # | 90       |
| 45) 1,2-Dichloropropane       | 9.718          | 63   | 1369                | 0.364  | ug/l # | 46       |
| 48) Methyl methacrylate       | 9.724          | 41   | 110459              | 24.081 | ug/l # | 48       |
| 51) 4-Methyl-2-Pentanone      | 10.424         | 43   | 5784                | 0.976  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.335         | 75   | 39190               | 6.626  | ug/l # | 67       |
| 57) 1,3-Dichloropropane       | 11.188         | 76   | 2629                | 0.444  | ug/l # | 42       |
| 59) 2-Hexanone                | 11.182         | 43   | 72107               | 19.316 | ug/l # | 59       |
| 76) 1,2,3-Trichloropropane    | 12.829         | 75   | 124480              | 23.993 | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.829         | 75   | 124480              | 68.066 | ug/l # | 1        |
| -----                         |                |      |                     |        |        |          |

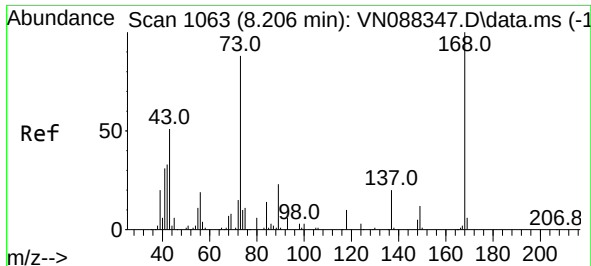
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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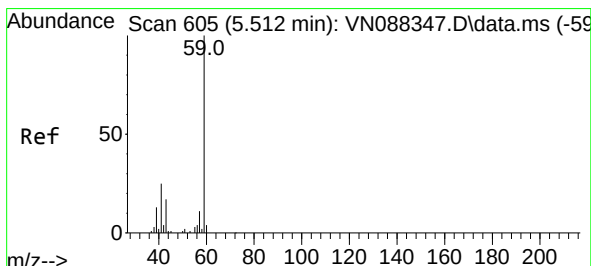
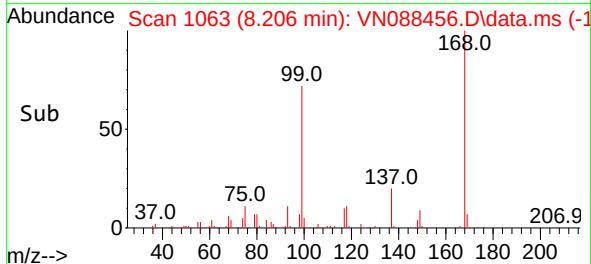
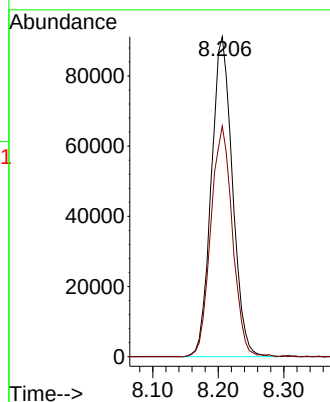
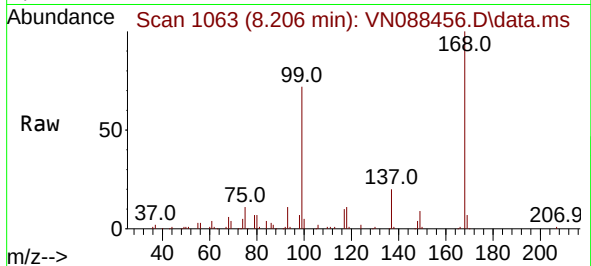




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

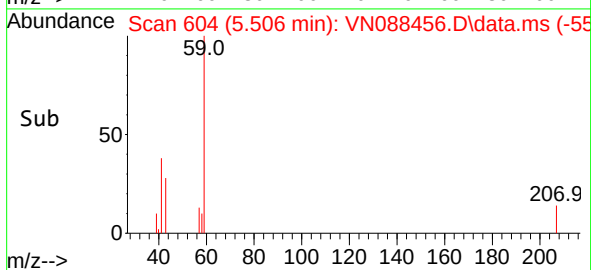
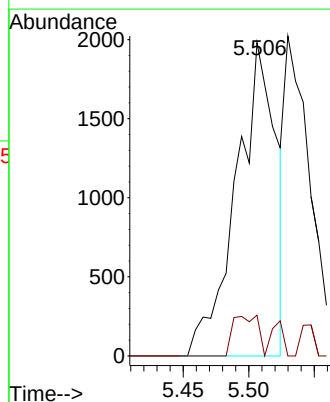
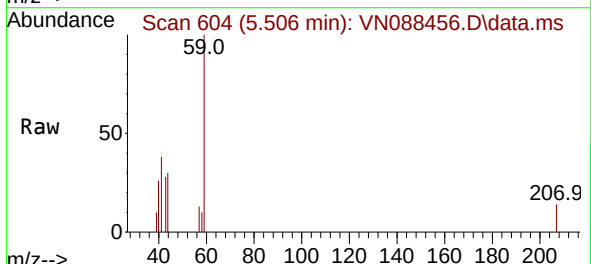
Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

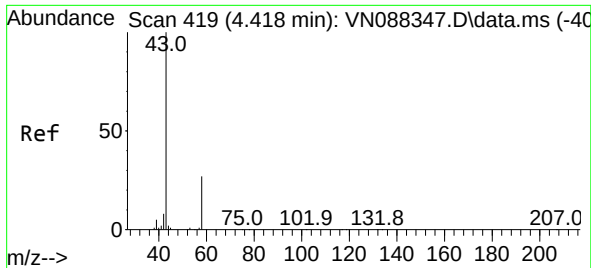
Tgt Ion:168 Resp: 204270  
Ion Ratio Lower Upper  
168 100  
99 72.1 57.1 85.7



#11  
Tert butyl alcohol  
Concen: 6.755 ug/l  
RT: 5.506 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 59 Resp: 4150  
Ion Ratio Lower Upper  
59 100  
57 8.2 8.5 12.7#

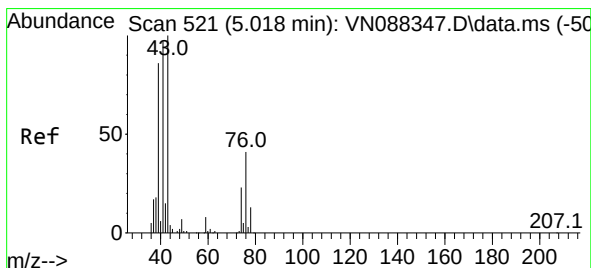
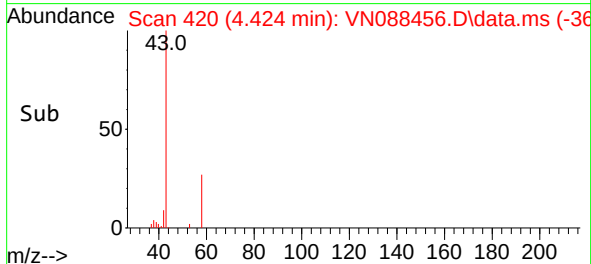
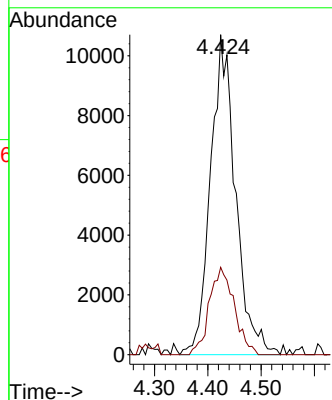
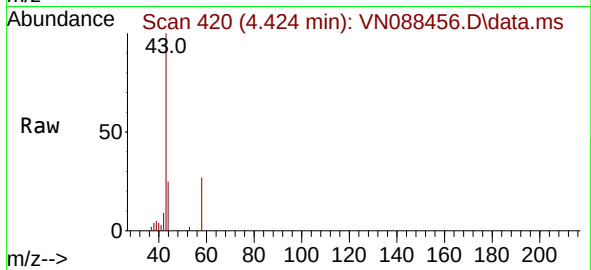




#16  
Acetone  
Concen: 25.041 ug/l  
RT: 4.424 min Scan# 419  
Delta R.T. 0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

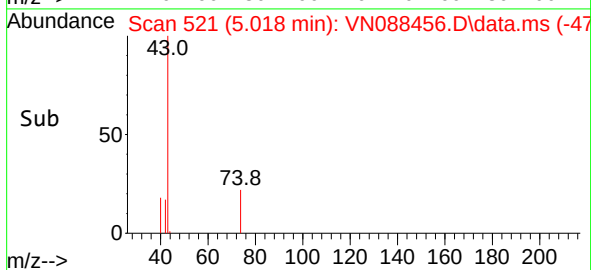
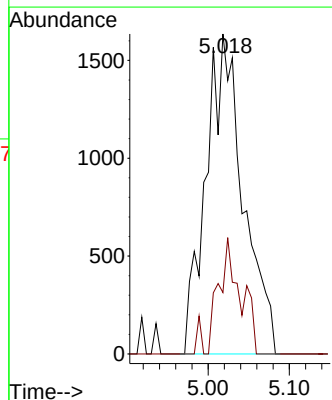
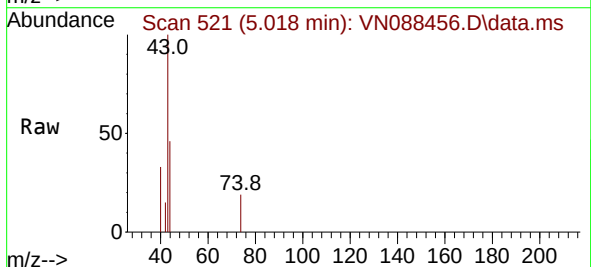
Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

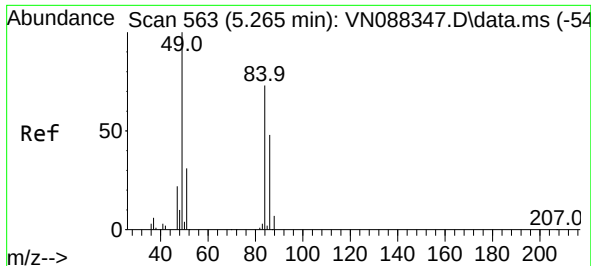
Tgt Ion: 43 Resp: 34848  
Ion Ratio Lower Upper  
43 100  
58 27.3 21.7 32.5



#18  
Methyl Acetate  
Concen: 1.260 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 43 Resp: 5221  
Ion Ratio Lower Upper  
43 100  
74 21.2 17.9 26.9

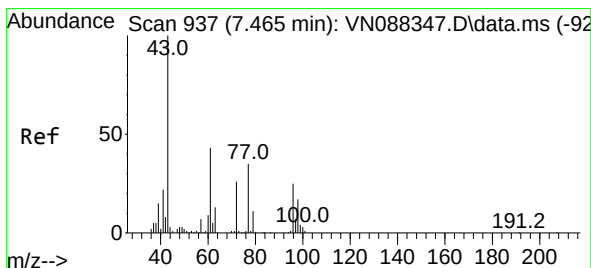
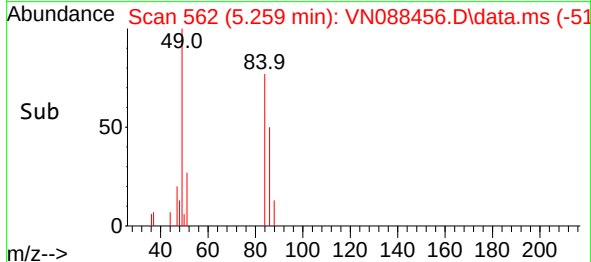
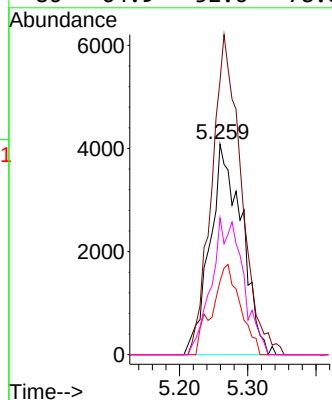
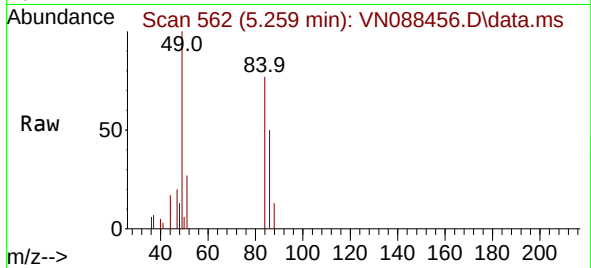




#20  
Methylene Chloride  
Concen: 4.472 ug/l  
RT: 5.259 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

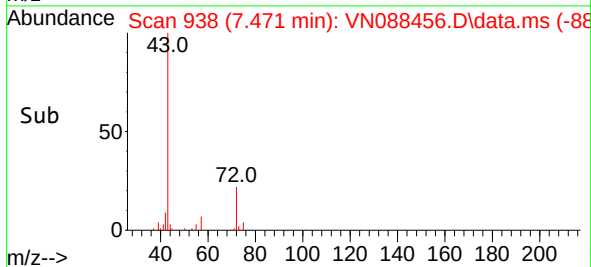
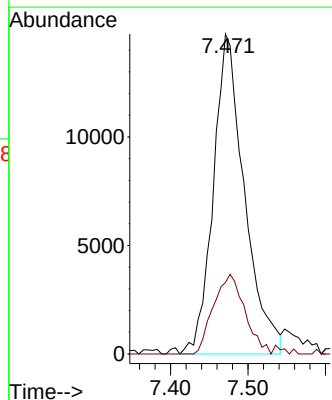
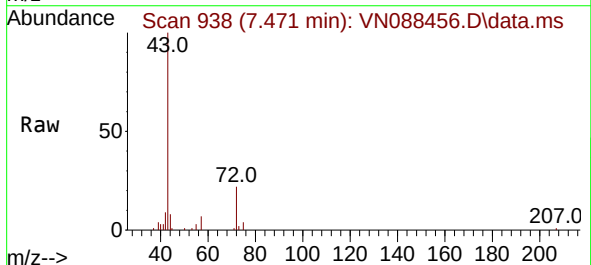
Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

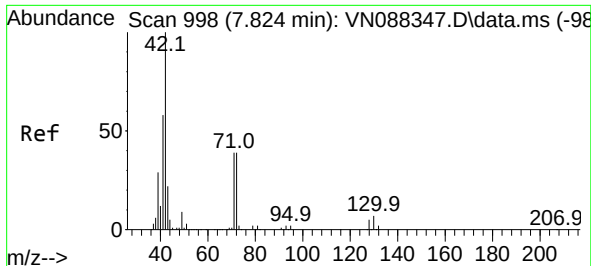
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 13315 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 130.2 | 110.2 | 165.2 |
| 51       | 34.9  | 34.1  | 51.1  |
| 86       | 64.9  | 52.6  | 78.8  |



#25  
2-Butanone  
Concen: 18.413 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. 0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41194 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 22.3  | 20.5  | 30.7  |





#29

Tetrahydrofuran

Concen: 0.991 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN088456.D

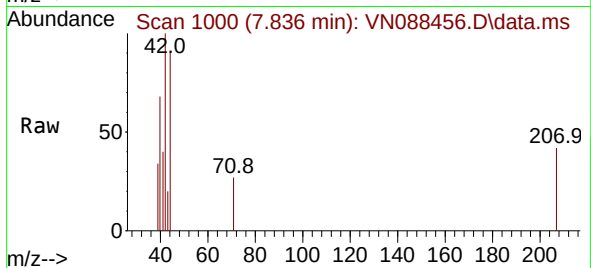
Acq: 04 Dec 2025 18:51

Instrument :

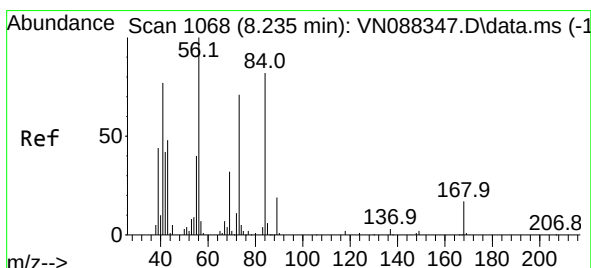
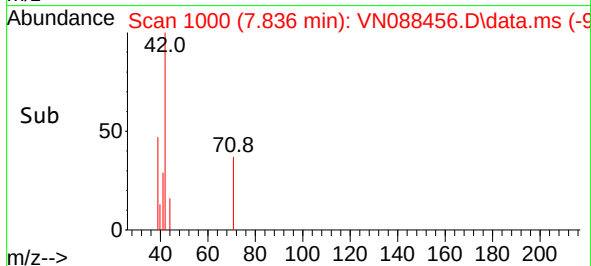
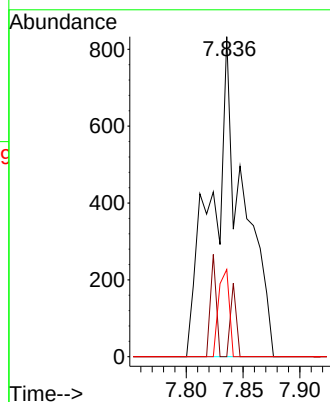
MSVOA\_N

ClientSampleId :

FENCE WC-1



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1591  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 4.2   | 32.2  | 48.4# |
| 71       | 9.2   | 31.1  | 46.7# |



#31

Cyclohexane

Concen: 1.317 ug/l

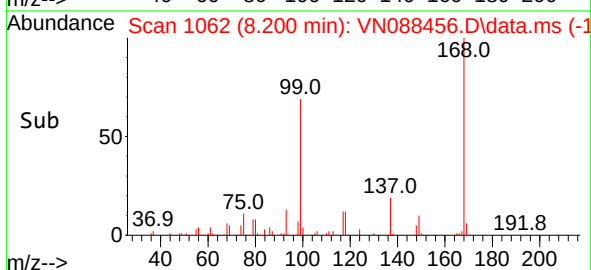
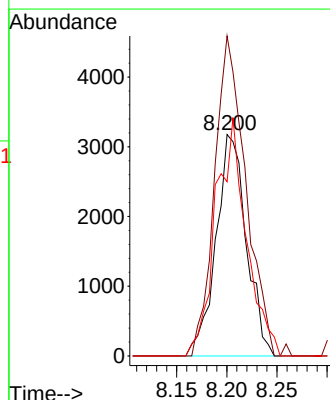
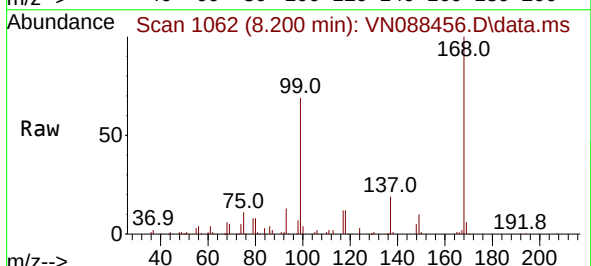
RT: 8.200 min Scan# 1062

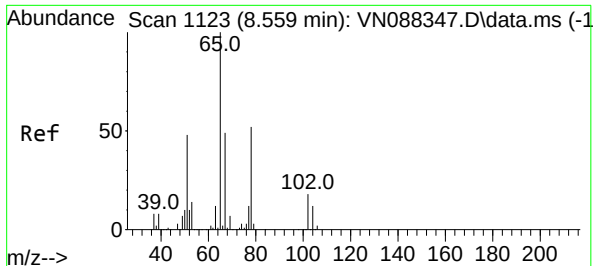
Delta R.T. -0.035 min

Lab File: VN088456.D

Acq: 04 Dec 2025 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 6667  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 144.5 | 25.3  | 37.9# |
| 84       | 78.7  | 65.4  | 98.2  |

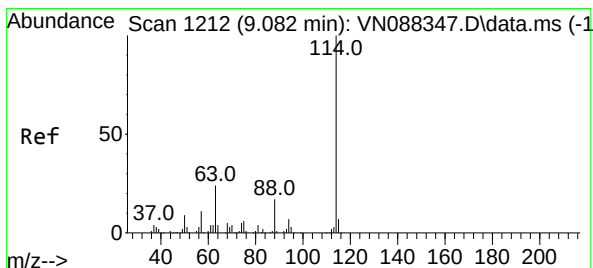
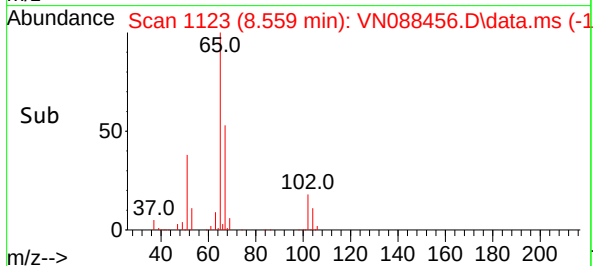
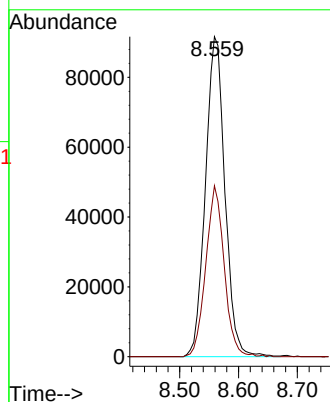
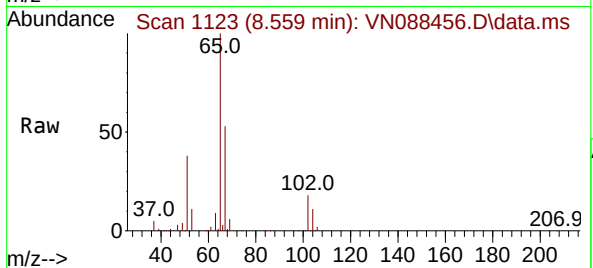




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.726 ug/l  
 RT: 8.559 min Scan# 1123  
 Delta R.T. 0.000 min  
 Lab File: VN088456.D  
 Acq: 04 Dec 2025 18:51

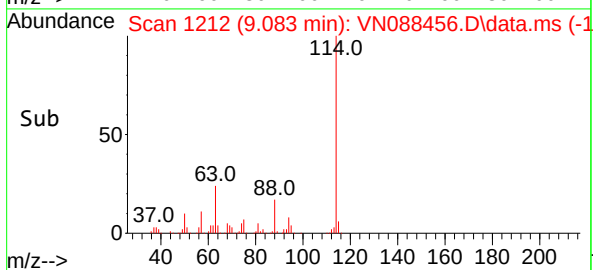
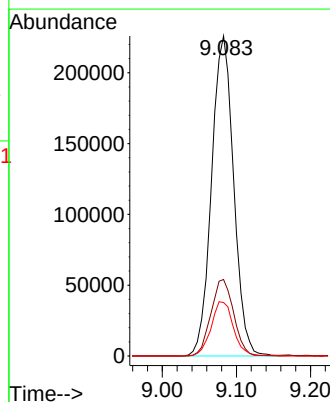
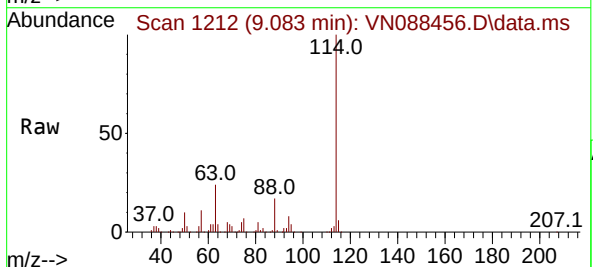
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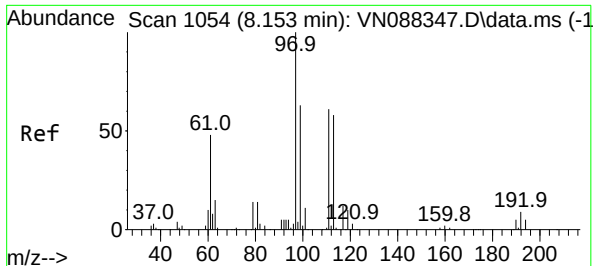
Tgt Ion: 65 Resp: 210586  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.083 min Scan# 1212  
 Delta R.T. 0.000 min  
 Lab File: VN088456.D  
 Acq: 04 Dec 2025 18:51

Tgt Ion: 114 Resp: 467899  
 Ion Ratio Lower Upper  
 114 100  
 63 23.9 0.0 49.0  
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.855 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088456.D

Acq: 04 Dec 2025 18:51

Instrument :

MSVOA\_N

ClientSampleId :

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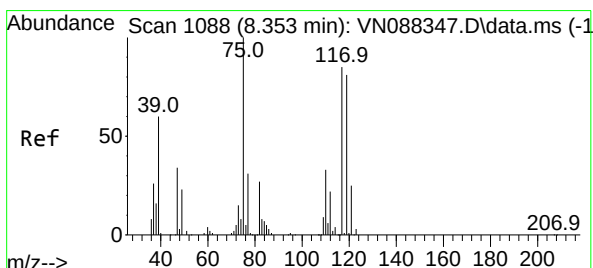
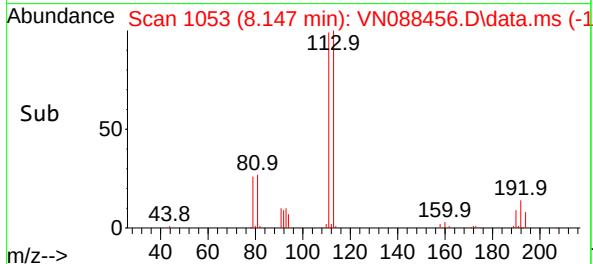
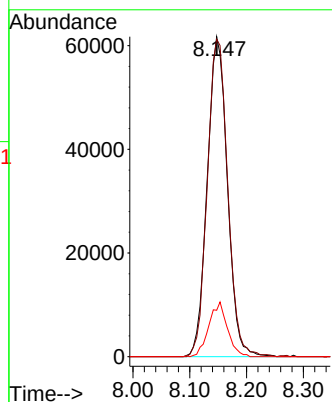
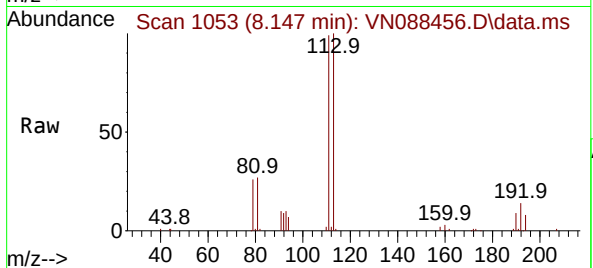
Tgt Ion:113 Resp: 151927

Ion Ratio Lower Upper

113 100

111 100.5 82.5 123.7

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.337 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088456.D

Acq: 04 Dec 2025 18:51

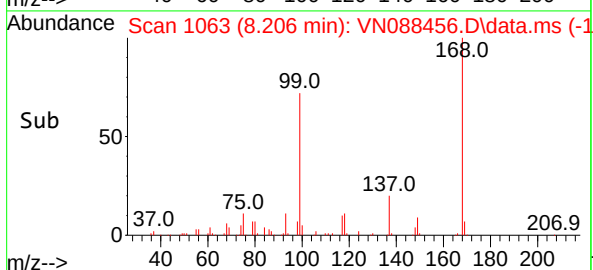
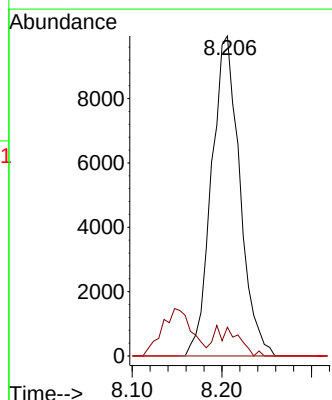
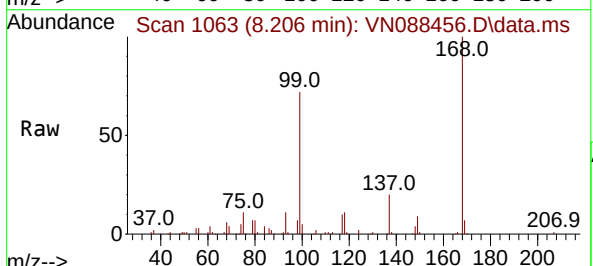
Tgt Ion: 75 Resp: 21702

Ion Ratio Lower Upper

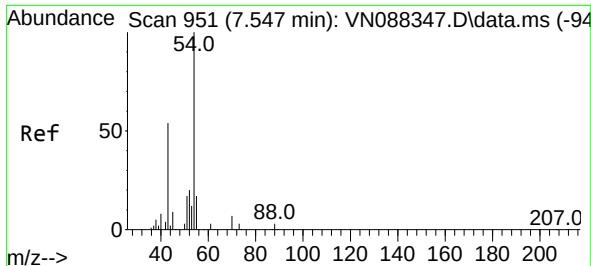
75 100

110 1.8 15.8 47.4#

77 0.0 24.2 36.2#



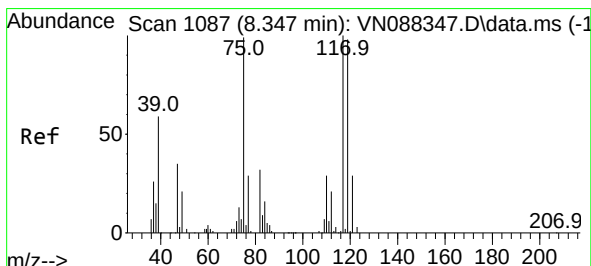
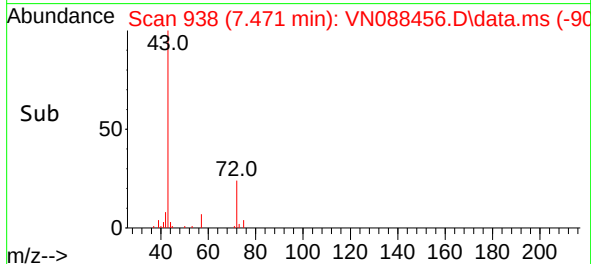
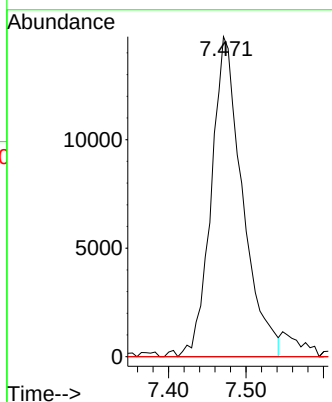
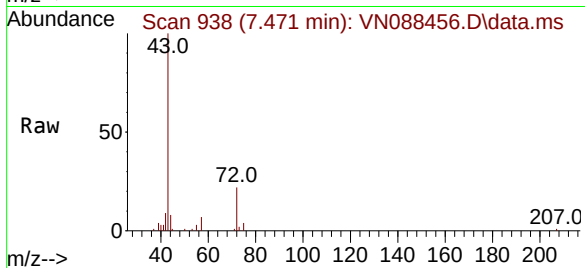




#37  
Ethyl Acetate  
Concen: 6.260 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. -0.076 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

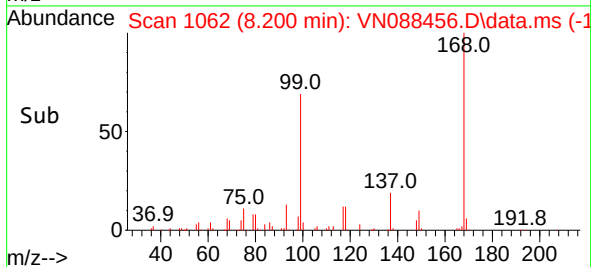
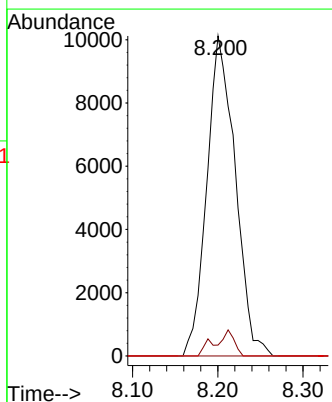
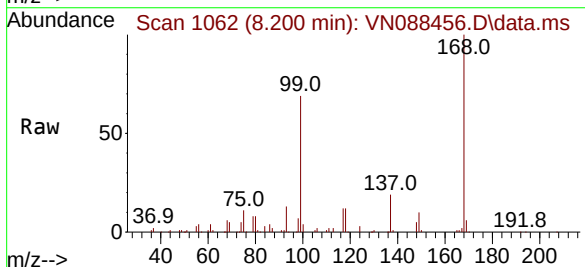
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ClientSampleId :  
FENCE WC-1

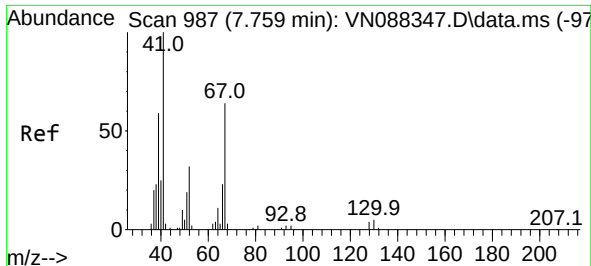
Tgt Ion: 43 Resp: 41194  
Ion Ratio Lower Upper  
43 100  
61 0.0 9.5 14.3#  
70 0.0 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 4.706 ug/l  
RT: 8.200 min Scan# 1062  
Delta R.T. -0.147 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 117 Resp: 23445  
Ion Ratio Lower Upper  
117 100  
119 3.4 78.2 117.4#  
121 0.0 23.4 35.2#

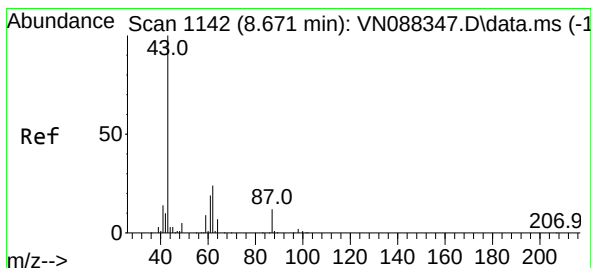
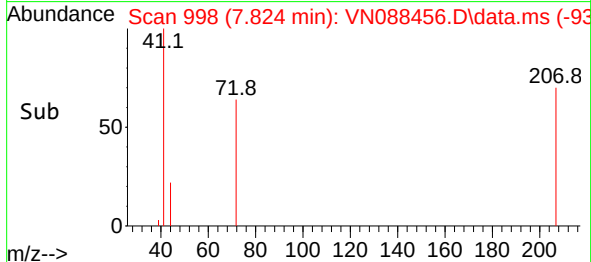
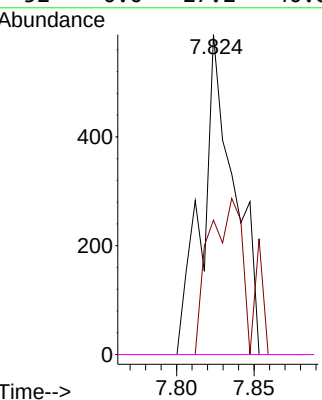
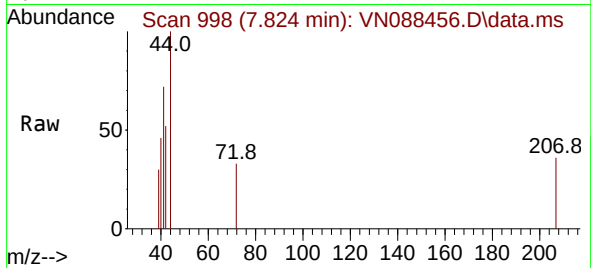




#41  
Methacrylonitrile  
Concen: 0.263 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. 0.065 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

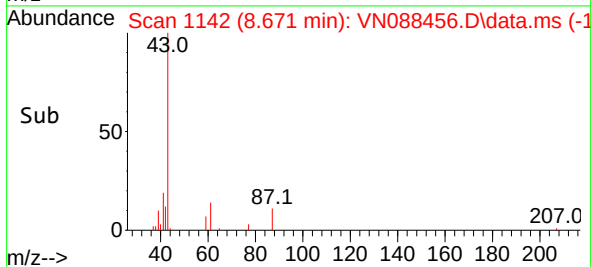
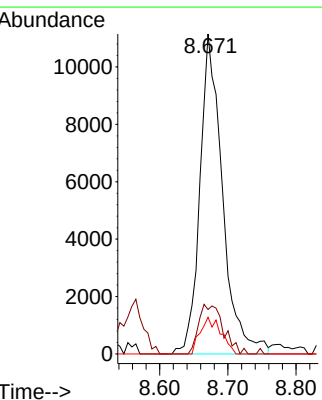
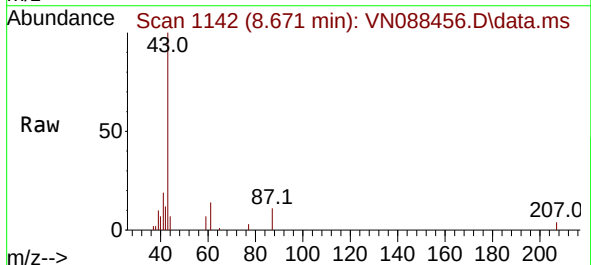
Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

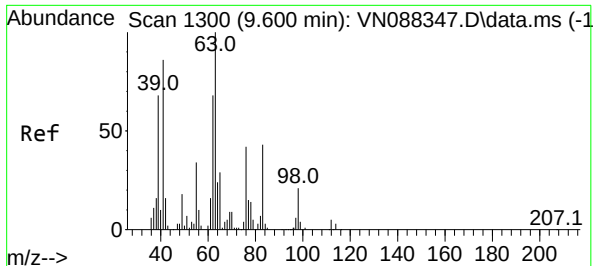
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 41 | Resp: | 856         |
| Ion         | Ratio | Lower Upper |
| 41          | 100   |             |
| 39          | 57.7  | 46.3 69.5   |
| 67          | 0.0   | 54.7 82.1#  |
| 52          | 0.0   | 27.2 40.8#  |



#43  
Isopropyl Acetate  
Concen: 2.559 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 25731       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 61          | 16.8  | 18.7 28.1#  |
| 87          | 10.5  | 9.1 13.7    |

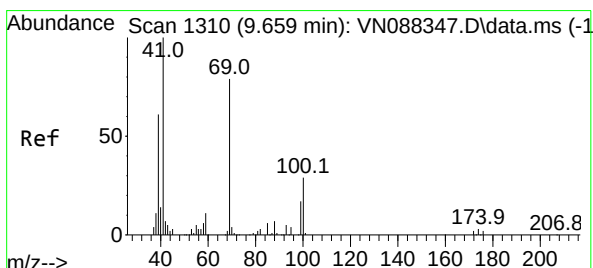
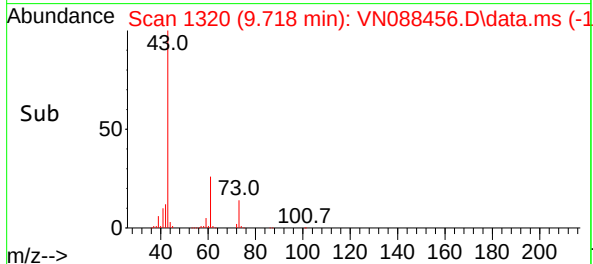
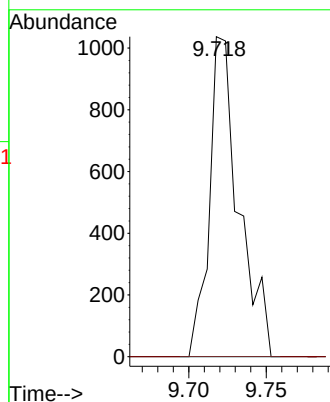
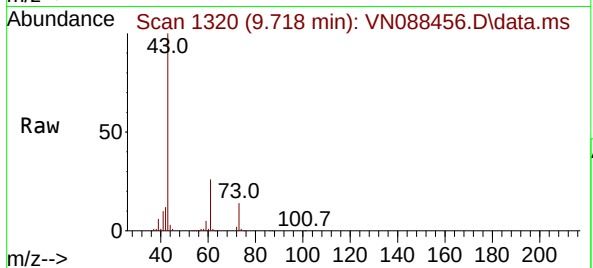




#45  
1,2-Dichloropropane  
Concen: 0.364 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. 0.118 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

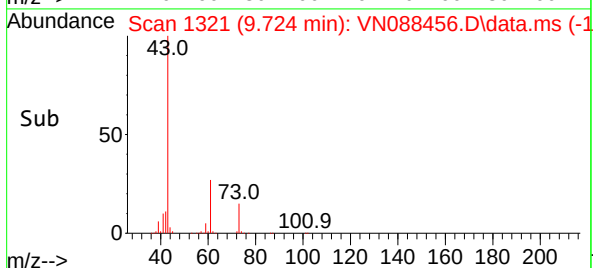
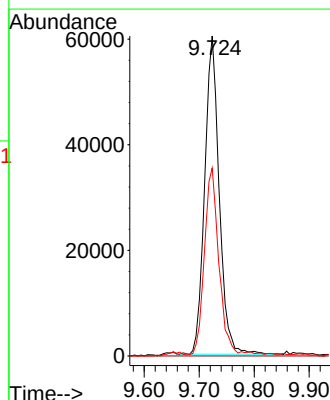
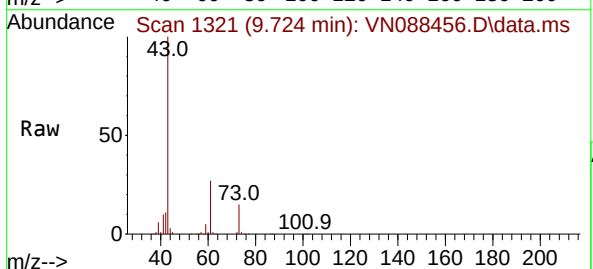
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MSVOA\_N  
ClientSampleId :  
FENCE WC-1

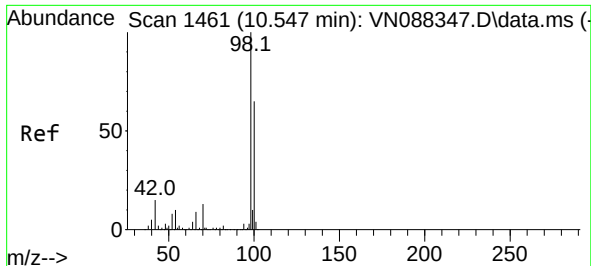
Tgt Ion: 63 Resp: 1369  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.0 34.4#



#48  
Methyl methacrylate  
Concen: 24.081 ug/l  
RT: 9.724 min Scan# 1321  
Delta R.T. 0.065 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 41 Resp: 110459  
Ion Ratio Lower Upper  
41 100  
69 0.0 62.4 93.6#  
39 59.2 52.6 79.0

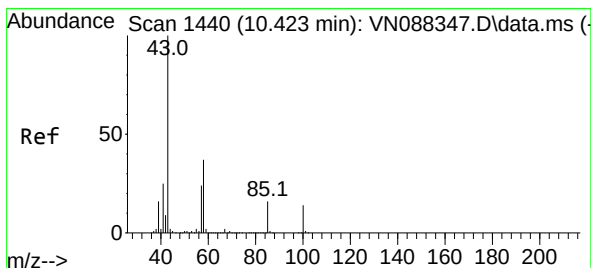
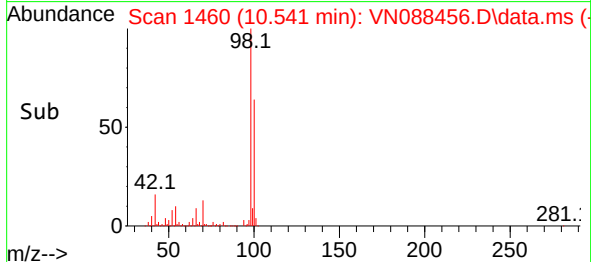
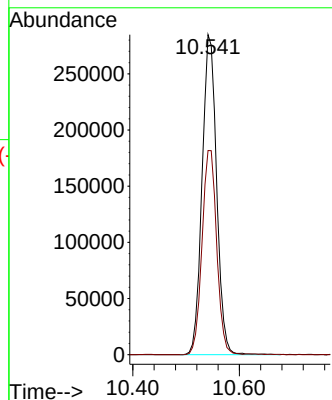
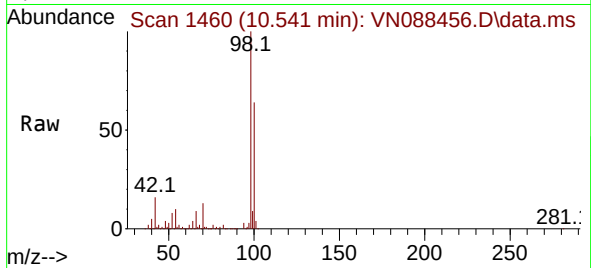




#50  
Toluene-d8  
Concen: 44.573 ug/l  
RT: 10.541 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

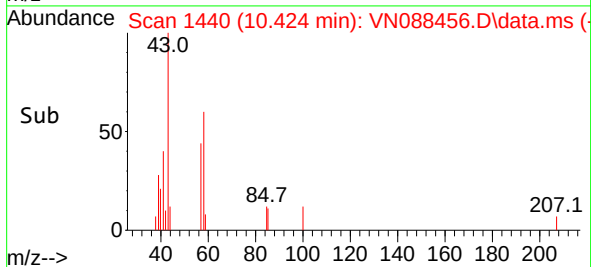
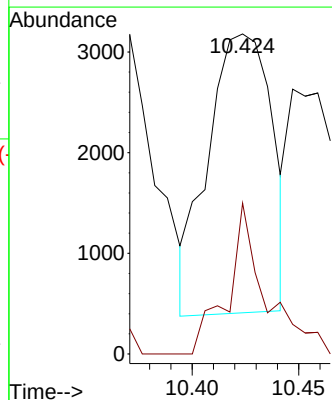
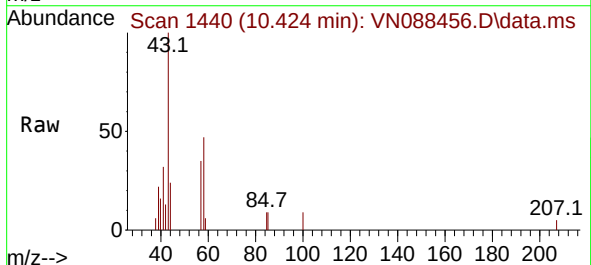
Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

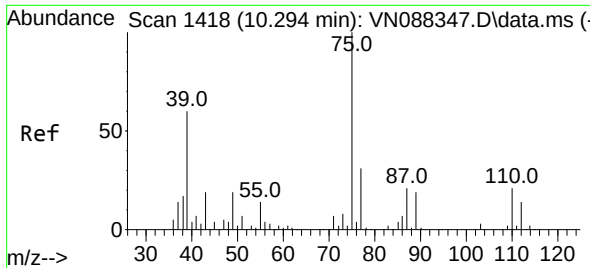
Tgt Ion: 98 Resp: 537760  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.2 78.2



#51  
4-Methyl-2-Pentanone  
Concen: 0.976 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 43 Resp: 5784  
Ion Ratio Lower Upper  
43 100  
58 32.2 29.1 43.7

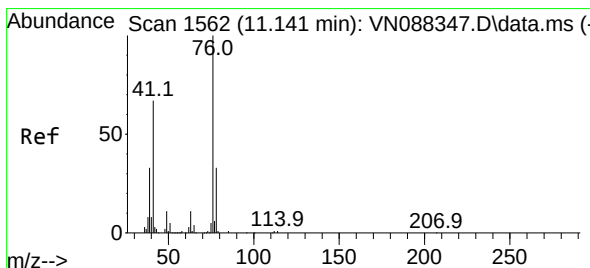
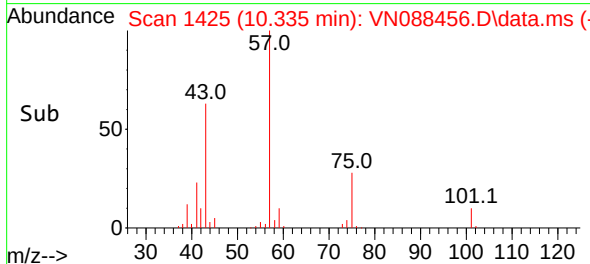
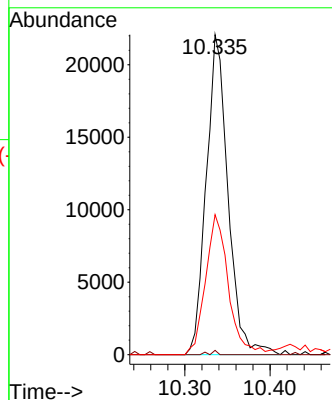
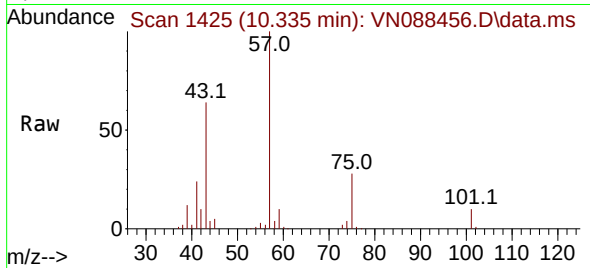




#54  
 cis-1,3-Dichloropropene  
 Concen: 6.626 ug/l  
 RT: 10.335 min Scan# 1418  
 Delta R.T. 0.041 min  
 Lab File: VN088456.D  
 Acq: 04 Dec 2025 18:51

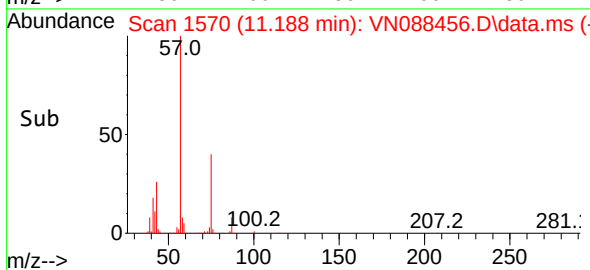
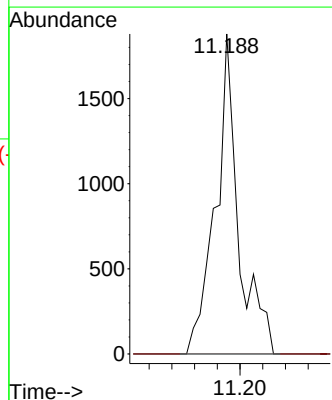
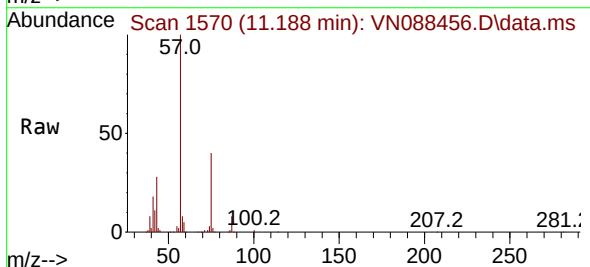
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FENCE WC-1

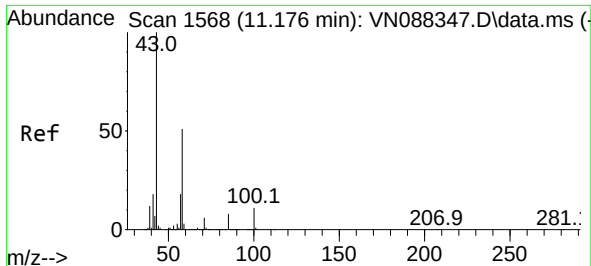
Tgt Ion: 75 Resp: 39190  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 24.5 36.7#  
 39 43.8 48.3 72.5#



#57  
 1,3-Dichloropropane  
 Concen: 0.444 ug/l  
 RT: 11.188 min Scan# 1570  
 Delta R.T. 0.047 min  
 Lab File: VN088456.D  
 Acq: 04 Dec 2025 18:51

Tgt Ion: 76 Resp: 2629  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.2 39.4#

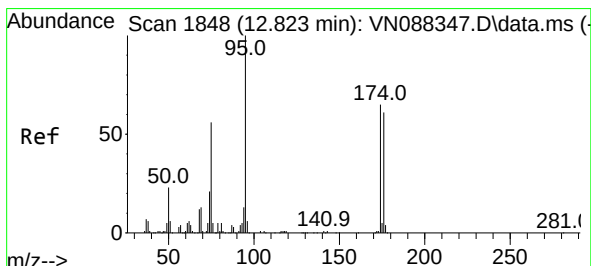
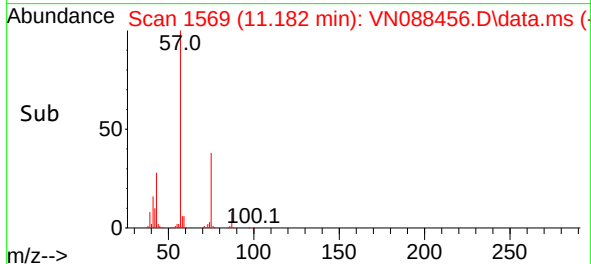
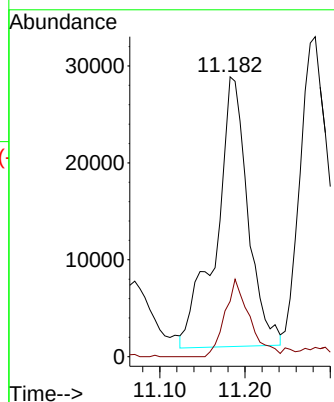
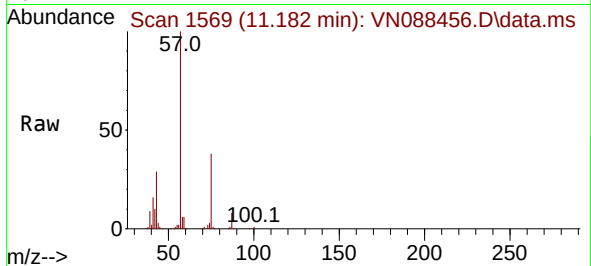




#59  
2-Hexanone  
Concen: 19.316 ug/l  
RT: 11.182 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

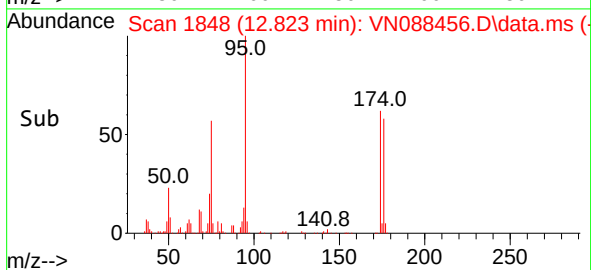
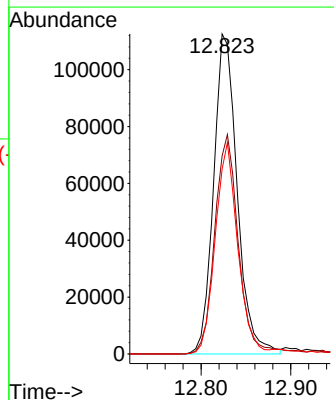
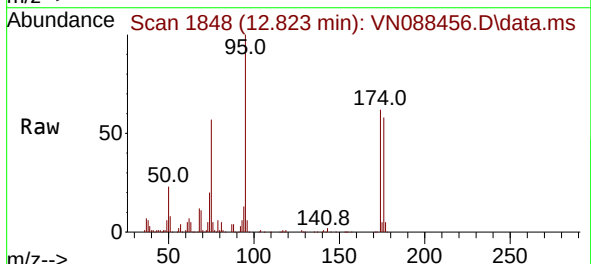
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ClientSampleId :  
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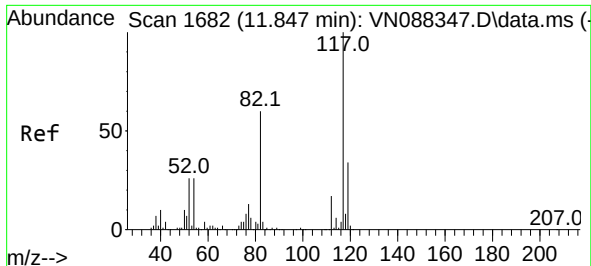
Tgt Ion: 43 Resp: 72107  
Ion Ratio Lower Upper  
43 100  
58 22.5 25.3 75.9#



#62  
4-Bromofluorobenzene  
Concen: 49.647 ug/l  
RT: 12.823 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 95 Resp: 205519  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 139.0  
176 62.8 0.0 132.4

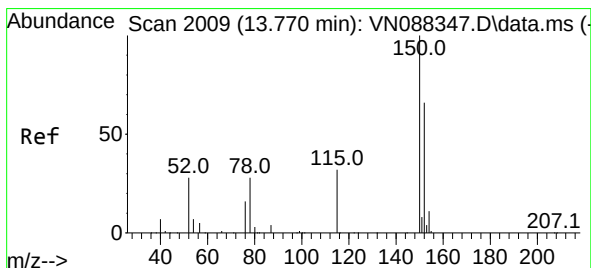
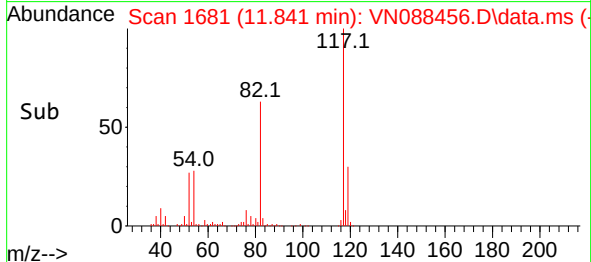
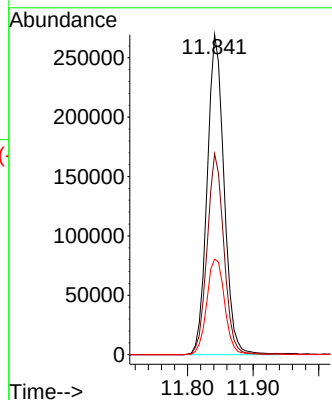
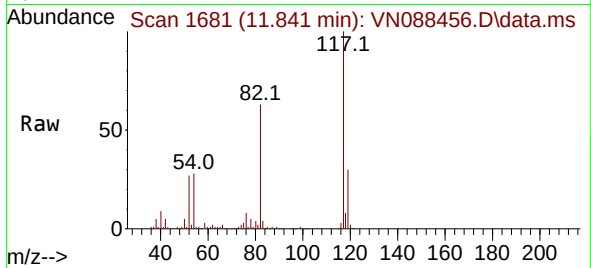




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

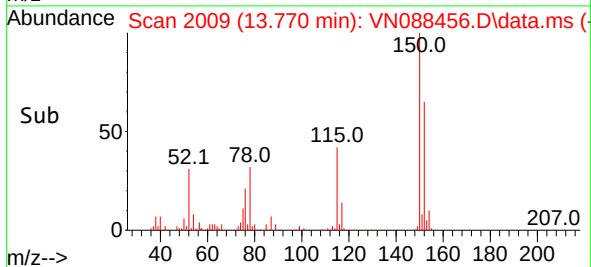
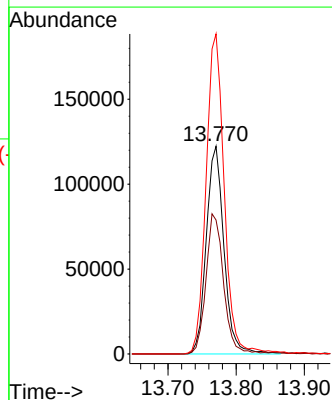
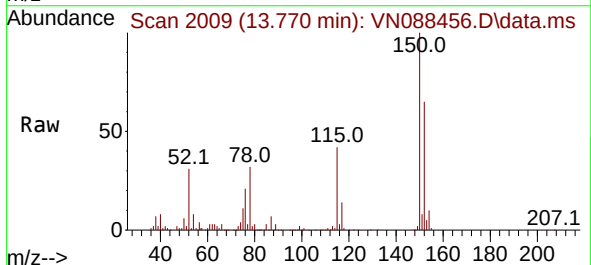
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ClientSampleId :  
FENCE WC-1

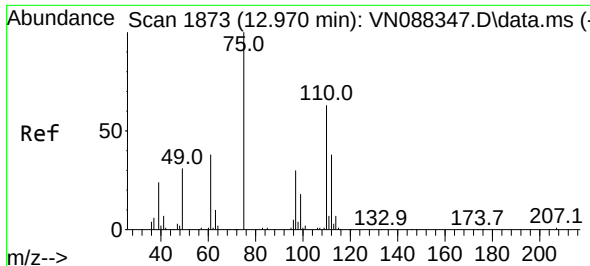
Tgt Ion:117 Resp: 483379  
Ion Ratio Lower Upper  
117 100  
82 62.8 47.8 71.8  
119 29.8 26.9 40.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion:152 Resp: 221514  
Ion Ratio Lower Upper  
152 100  
115 67.5 33.0 98.9  
150 157.7 0.0 349.0

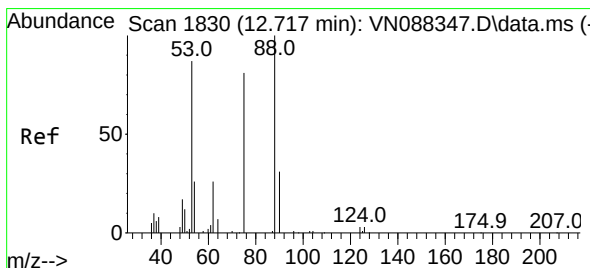
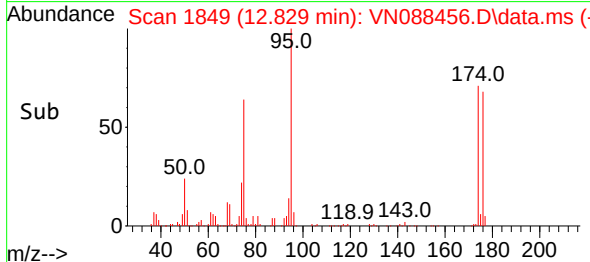
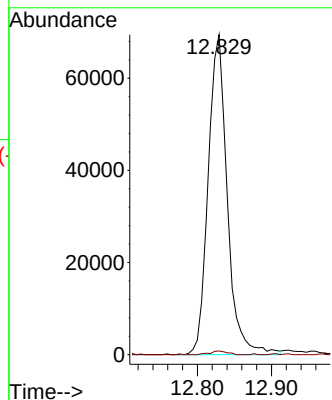
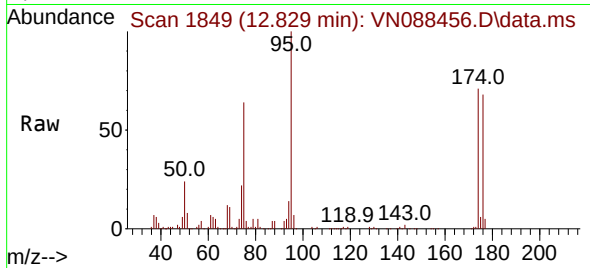




#76  
1,2,3-Trichloropropane  
Concen: 23.993 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.141 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
FENCE WC-1

Tgt Ion: 75 Resp: 124480  
Ion Ratio Lower Upper  
75 100  
77 1.0 87.2 261.6#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.066 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.112 min  
Lab File: VN088456.D  
Acq: 04 Dec 2025 18:51

Tgt Ion: 75 Resp: 124480  
Ion Ratio Lower Upper  
75 100  
53 0.1 92.2 138.4#  
89 0.2 0.0 0.0#

