

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082025\  
 Data File : VX047444.D  
 Acq On : 20 Aug 2025 15:47  
 Operator : JC/MD  
 Sample : Q2900-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MN-12C-081825

Quant Time: Aug 21 01:33:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081525W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 18 04:18:28 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.568  | 168  | 210277   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.775  | 114  | 348314   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 344337   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 172936   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.983  | 65    | 187575   | 63.738   | ug/l        | 0.02 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 127.480%# |      |
| 35) Dibromofluoromethane    | 5.397  | 113   | 149442   | 66.108   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 132.220%# |      |
| 50) Toluene-d8              | 8.659  | 98    | 449426   | 55.622   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 111.240%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 158726   | 53.234   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.460%  |      |

|                               |        |     |          |          |        |    |
|-------------------------------|--------|-----|----------|----------|--------|----|
| Target Compounds              |        |     |          | Qvalue   |        |    |
| 3) Chloromethane              | 1.264  | 50  | 25776    | 10.689   | ug/l # | 41 |
| 4) Vinyl Chloride             | 1.392  | 62  | 181760   | 60.053   | ug/l # | 75 |
| 6) Chloroethane               | 1.916  | 64  | 2100     | 1.134    | ug/l # | 49 |
| 10) Methyl Iodide             | 2.477  | 142 | 1239     | 0.278    | ug/l # | 79 |
| 11) Tert butyl alcohol        | 2.965  | 59  | 3614     | 14.116   | ug/l # | 76 |
| 12) 1,1-Dichloroethene        | 2.343  | 96  | 3525     | 1.331    | ug/l   | 87 |
| 13) Acrolein                  | 2.233  | 56  | 924      | 1.710    | ug/l # | 1  |
| 14) Allyl chloride            | 2.770  | 41  | 6890     | 1.498    | ug/l # | 1  |
| 16) Acetone                   | 2.392  | 43  | 4274     | 3.864    | ug/l   | 91 |
| 17) Carbon Disulfide          | 2.544  | 76  | 10187    | 1.275    | ug/l   | 99 |
| 18) Methyl Acetate            | 2.727  | 43  | 729      | 0.254    | ug/l # | 53 |
| 19) Methyl tert-butyl Ether   | 3.136  | 73  | 5453     | 0.677    | ug/l   | 98 |
| 20) Methylene Chloride        | 2.813  | 84  | 1095     | 0.374    | ug/l # | 67 |
| 21) trans-1,2-Dichloroethene  | 3.111  | 96  | 844474   | 300.521  | ug/l   | 99 |
| 22) Diisopropyl ether         | 3.593  | 45  | 8045     | 0.885    | ug/l # | 1  |
| 27) cis-1,2-Dichloroethene    | 4.507  | 96  | 1137746  | 347.626  | ug/l   | 89 |
| 30) Chloroform                | 5.123  | 83  | 2485     | 0.474    | ug/l # | 82 |
| 31) Cyclohexane               | 5.489  | 56  | 1434     | 0.303    | ug/l # | 84 |
| 36) 1,1-Dichloropropene       | 5.568  | 75  | 17123    | 4.798    | ug/l # | 50 |
| 38) Carbon Tetrachloride      | 5.574  | 117 | 22805    | 5.848    | ug/l # | 15 |
| 39) Methylcyclohexane         | 7.391  | 83  | 1328     | 0.298    | ug/l # | 94 |
| 42) 1,2-Dichloroethane        | 6.074  | 62  | 371995   | 98.323   | ug/l # | 75 |
| 44) Trichloroethene           | 7.135  | 130 | 739313   | 270.318  | ug/l   | 99 |
| 51) 4-Methyl-2-Pentanone      | 8.738  | 43  | 290720   | 94.925   | ug/l # | 36 |
| 52) Toluene                   | 8.738  | 92  | 18918291 | 2866.322 | ug/l # | 1  |
| 53) t-1,3-Dichloropropene     | 8.738  | 75  | 279525   | 79.526   | ug/l # | 1  |
| 55) 1,1,2-Trichloroethane     | 9.013  | 97  | 172912   | 69.000   | ug/l # | 17 |
| 56) Ethyl methacrylate        | 9.019  | 69  | 11823    | 3.200    | ug/l # | 13 |
| 58) 2-Chloroethyl Vinyl ether | 8.202  | 63  | 32       | 8.373    | ug/l # | 46 |
| 60) Dibromochloromethane      | 9.275  | 129 | 454031   | 152.456  | ug/l # | 11 |
| 64) Tetrachloroethene         | 9.275  | 164 | 469074   | 188.334  | ug/l   | 99 |
| 67) Ethyl Benzene             | 10.195 | 91  | 15677494 | 1113.162 | ug/l # | 83 |
| 68) m/p-Xylenes               | 10.311 | 106 | 5798914  | 1104.240 | ug/l   | 95 |
| 69) o-Xylene                  | 10.647 | 106 | 4004397  | 792.368  | ug/l   | 95 |
| 70) Styrene                   | 10.665 | 104 | 6595733  | 772.418  | ug/l   | 96 |
| 73) Isopropylbenzene          | 10.964 | 105 | 434411   | 32.100   | ug/l   | 99 |

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 Sample : Q2900-02  
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 ALS Vial : 19 Sample Multiplier: 1

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 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Mon Aug 18 04:18:28 2025  
 Response via : Initial Calibration

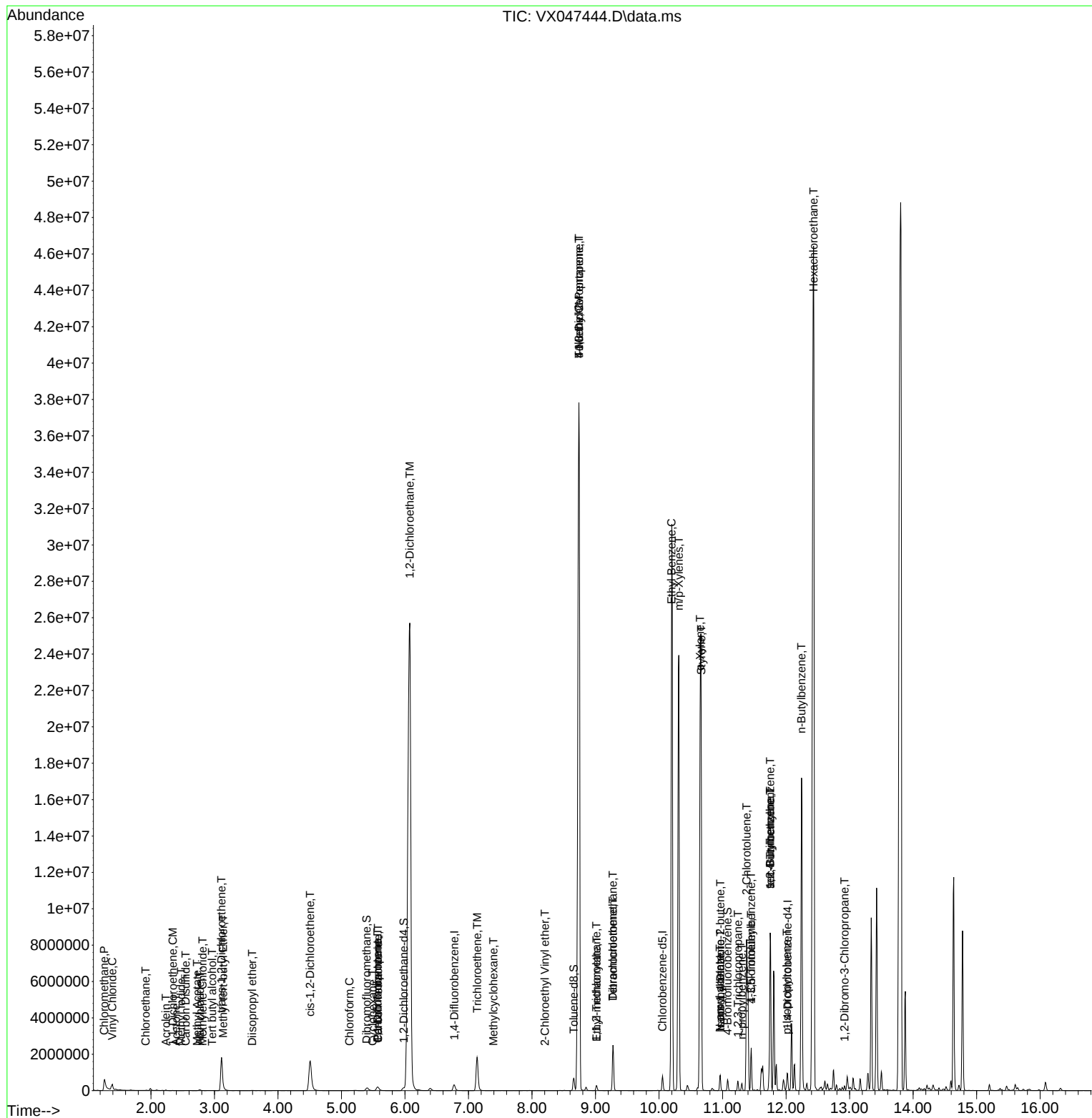
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| 74) N-amyl acetate            | 10.957 | 43   | 1302     | 0.253    | ug/l # | 52       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 3488     | 1.100    | ug/l # | 36       |
| 78) n-propylbenzene           | 11.305 | 91   | 242307   | 14.992   | ug/l # | 54       |
| 79) 2-Chlorotoluene           | 11.378 | 91   | 825434   | 84.483   | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 975616   | 87.618   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.964 | 75   | 5523     | 14.243   | ug/l # | 70       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 108797   | 9.446    | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.750 | 119  | 465771   | 41.928   | ug/l # | 40       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 3793504  | 340.680  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.750 | 105  | 3793504  | 275.509  | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 63382    | 5.440    | ug/l # | 75       |
| 89) n-Butylbenzene            | 12.244 | 91   | 1308275  | 120.720  | ug/l # | 46       |
| 90) Hexachloroethane          | 12.433 | 117  | 3323184  | 1625.791 | ug/l # | 15       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 803      | 1.045    | ug/l # | 3        |
| -----                         |        |      |          |          |        |          |

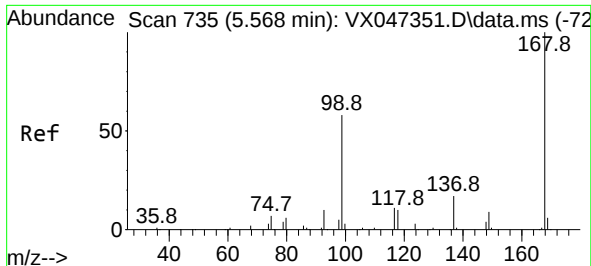
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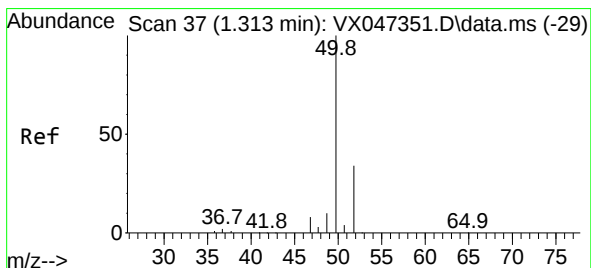
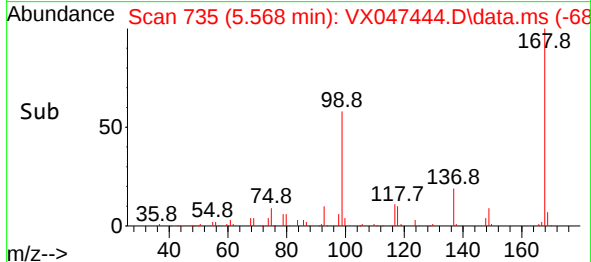
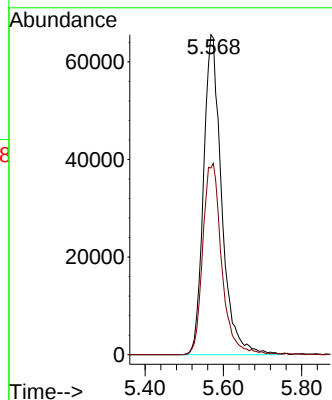
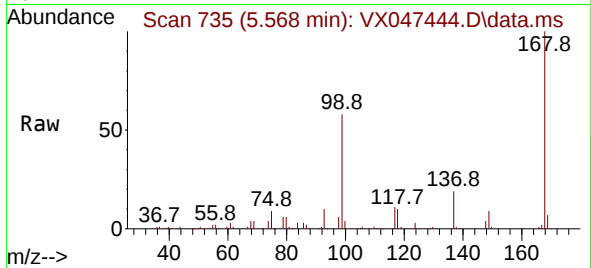




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

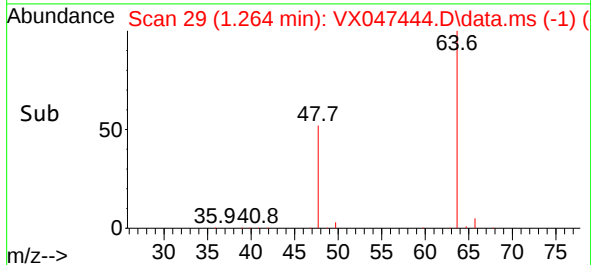
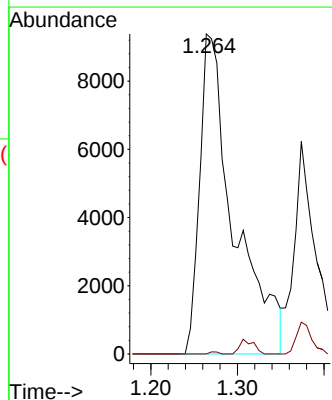
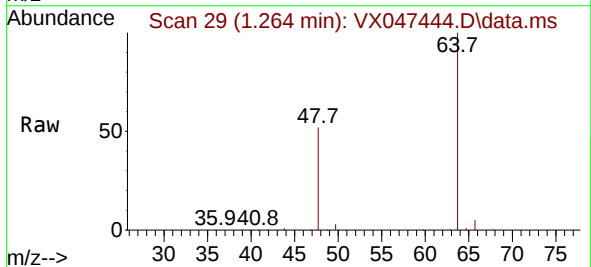
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

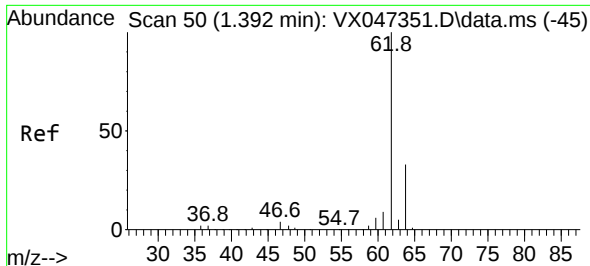
Tgt Ion:168 Resp: 210277  
Ion Ratio Lower Upper  
168 100  
99 58.3 47.9 71.9



#3  
Chloromethane  
Concen: 10.689 ug/l  
RT: 1.264 min Scan# 29  
Delta R.T. -0.049 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 50 Resp: 25776  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.0 40.4#

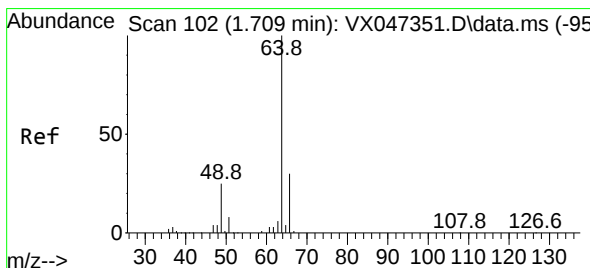
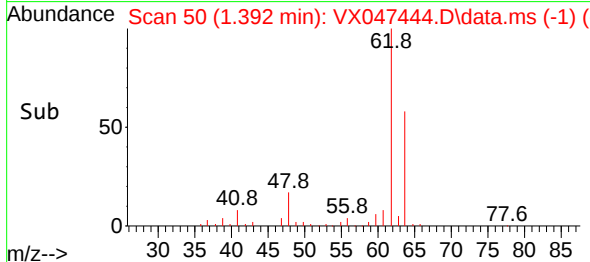
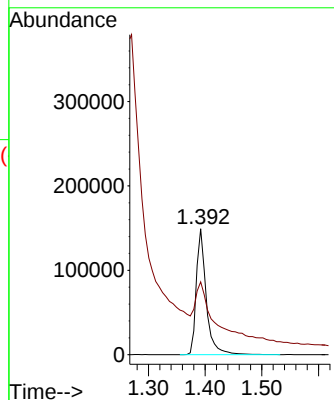
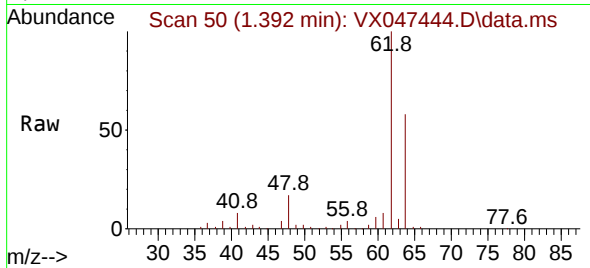




#4  
 Vinyl Chloride  
 Concen: 60.053 ug/l  
 RT: 1.392 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

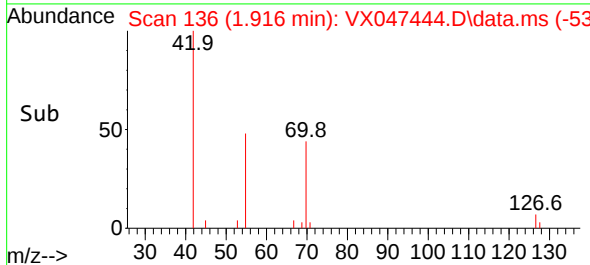
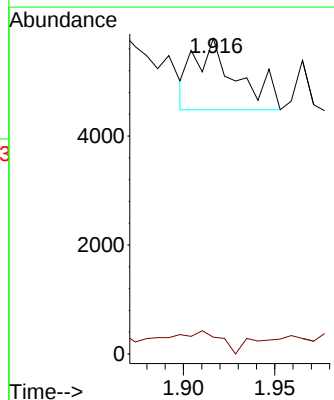
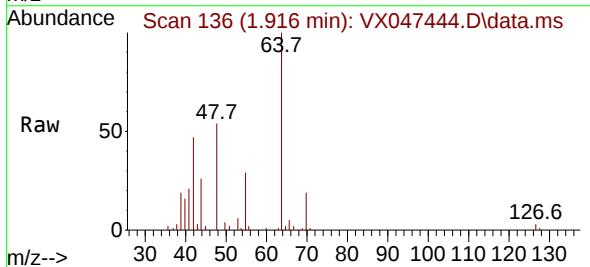
Instrument :  
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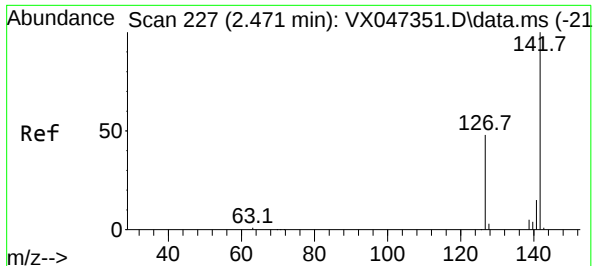
Tgt Ion: 62 Resp: 181760  
 Ion Ratio Lower Upper  
 62 100  
 64 47.5 26.5 39.7#



#6  
 Chloroethane  
 Concen: 1.134 ug/l  
 RT: 1.916 min Scan# 136  
 Delta R.T. 0.207 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

Tgt Ion: 64 Resp: 2100  
 Ion Ratio Lower Upper  
 64 100  
 66 2.7 24.4 36.6#

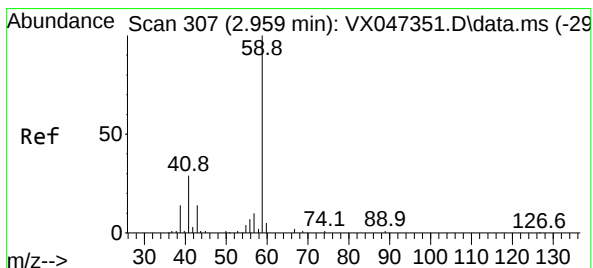
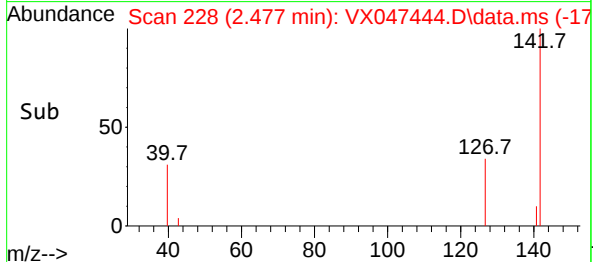
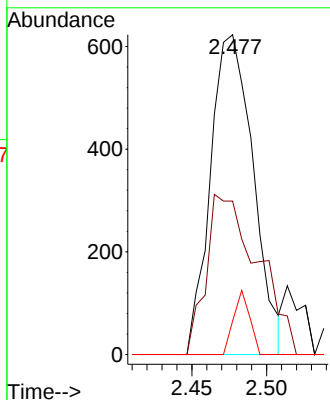
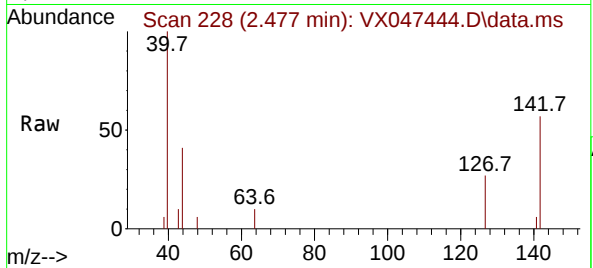




#10  
Methyl Iodide  
Concen: 0.278 ug/l  
RT: 2.477 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

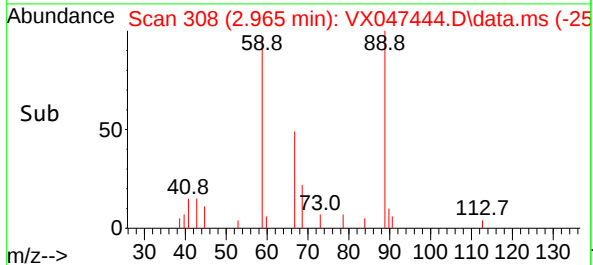
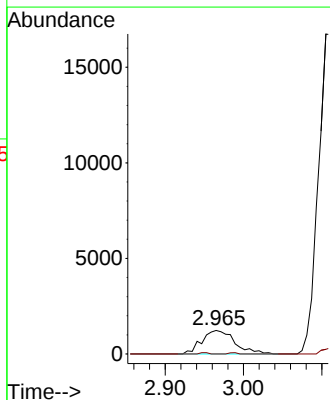
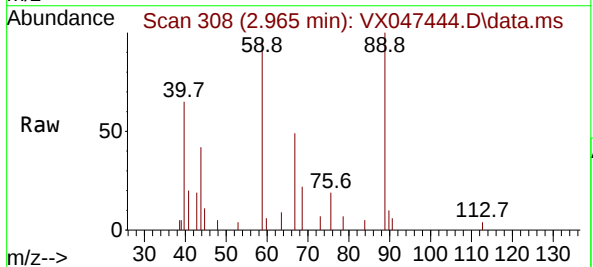
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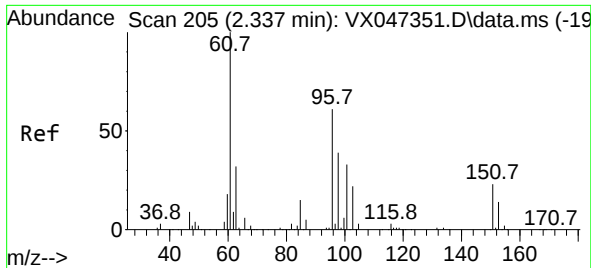
Tgt Ion:142 Resp: 1239  
Ion Ratio Lower Upper  
142 100  
127 60.3 36.1 54.1#  
141 7.6 11.1 16.7#



#11  
Tert butyl alcohol  
Concen: 14.116 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 59 Resp: 3614  
Ion Ratio Lower Upper  
59 100  
57 1.4 8.3 12.5#

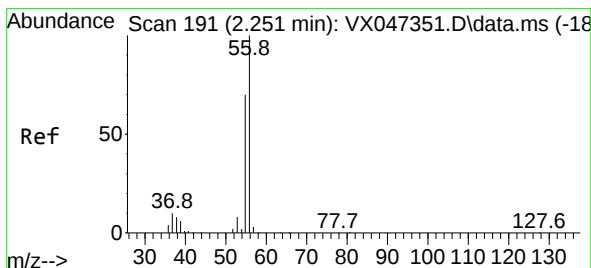
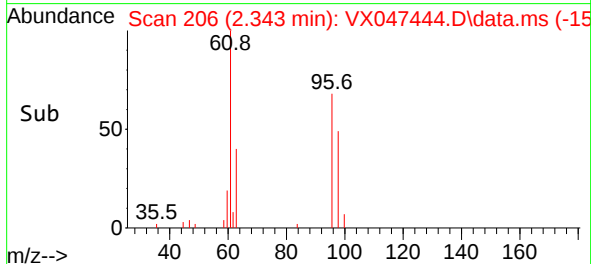
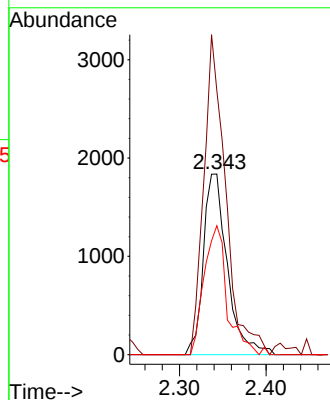
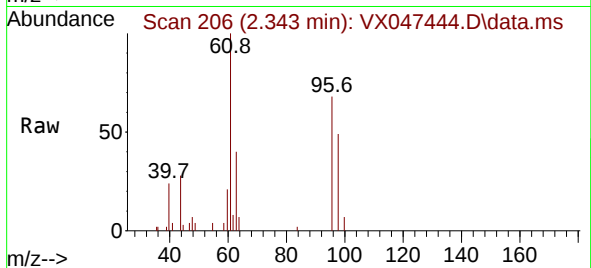




#12  
1,1-Dichloroethene  
Concen: 1.331 ug/l  
RT: 2.343 min Scan# 205  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

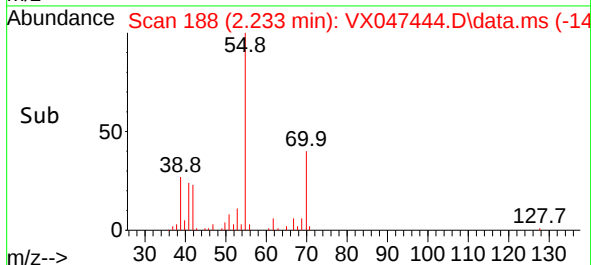
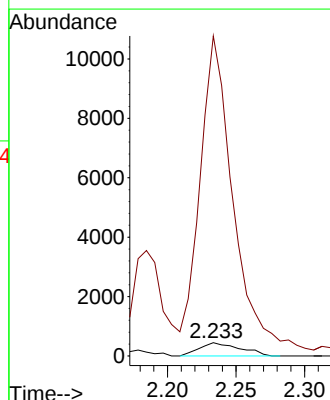
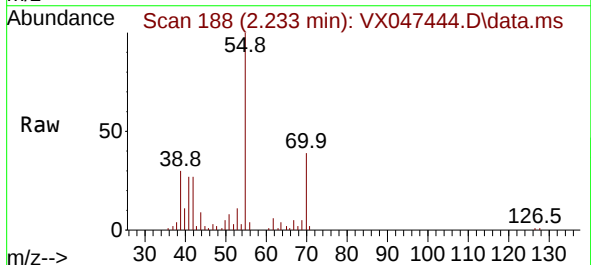
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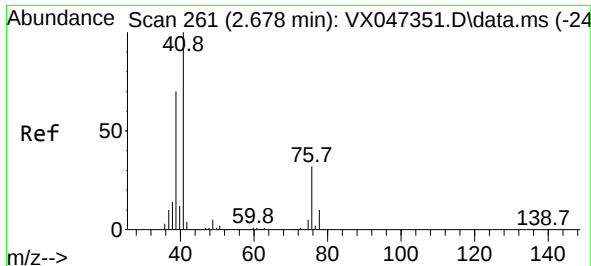
Tgt Ion: 96 Resp: 3525  
Ion Ratio Lower Upper  
96 100  
61 146.2 132.2 198.2  
98 71.4 51.2 76.8



#13  
Acrolein  
Concen: 1.710 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.018 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 56 Resp: 924  
Ion Ratio Lower Upper  
56 100  
55 1902.4 55.5 83.3#

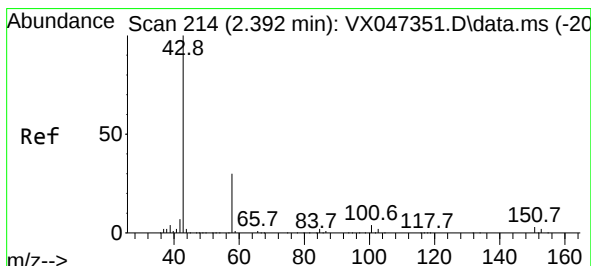
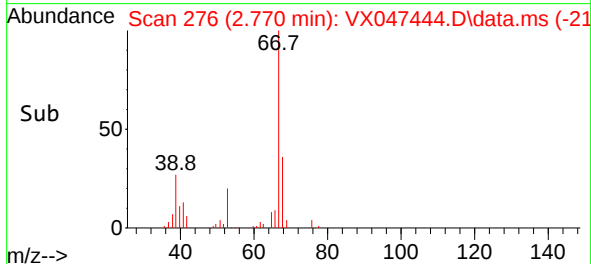
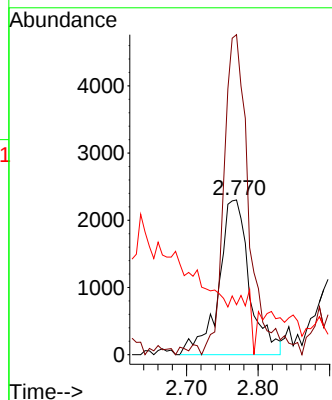
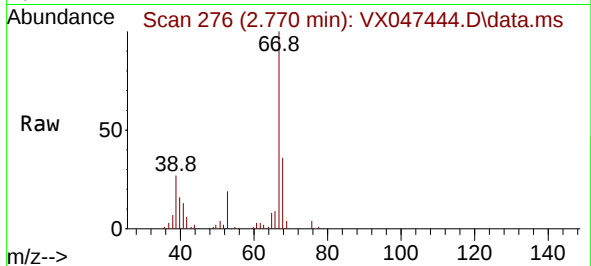




#14  
 Allyl chloride  
 Concen: 1.498 ug/l  
 RT: 2.770 min Scan# 21  
 Delta R.T. 0.092 min  
 Lab File: VX047444.D  
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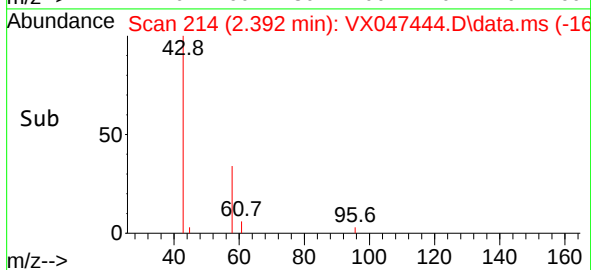
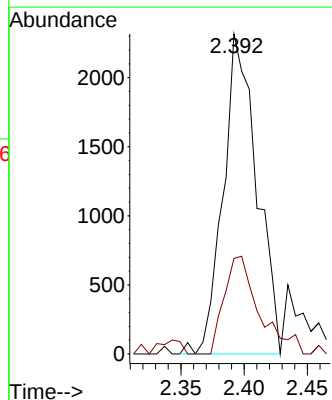
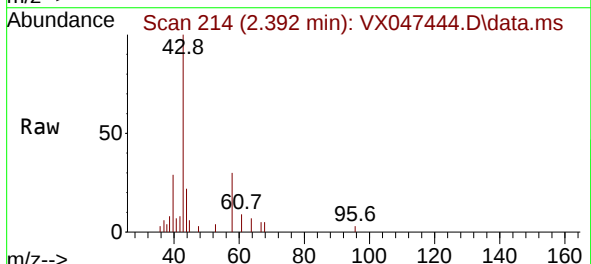
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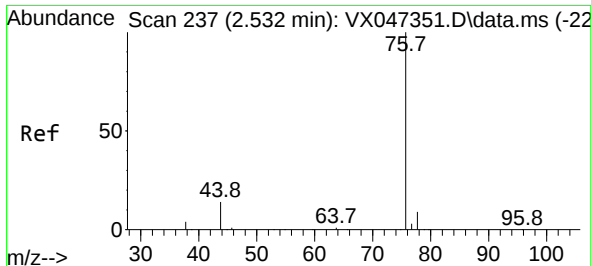
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 Ion Ratio Lower Upper  
 41 100  
 39 168.3 54.6 81.8#  
 76 0.0 27.6 41.4#



#16  
 Acetone  
 Concen: 3.864 ug/l  
 RT: 2.392 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

Tgt Ion: 43 Resp: 4274  
 Ion Ratio Lower Upper  
 43 100  
 58 25.9 24.8 37.2

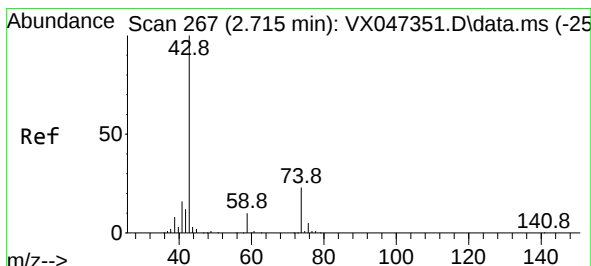
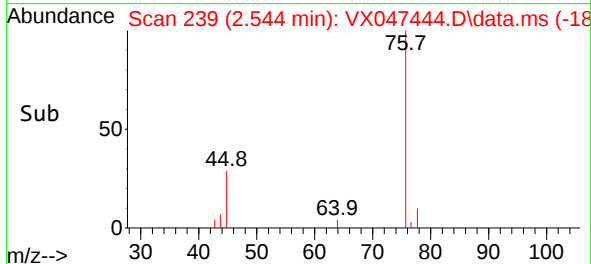
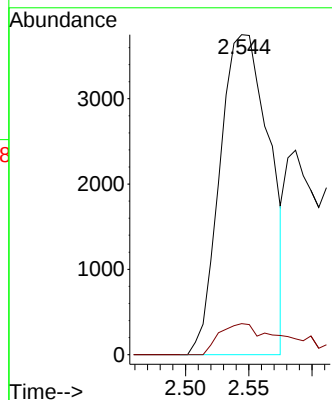
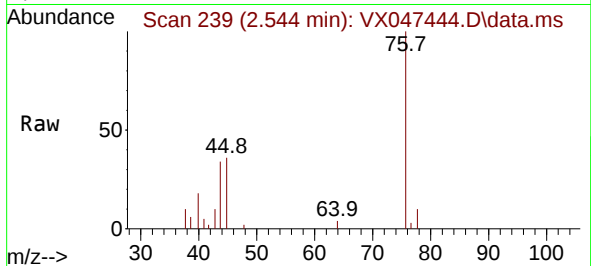




#17  
Carbon Disulfide  
Concen: 1.275 ug/l  
RT: 2.544 min Scan# 211  
Delta R.T. 0.012 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

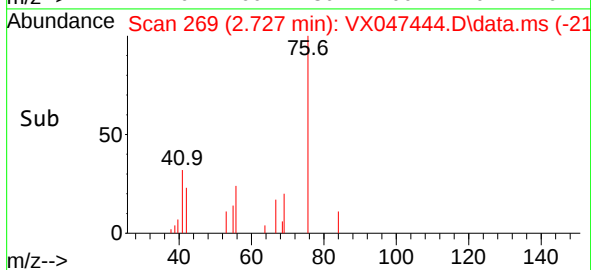
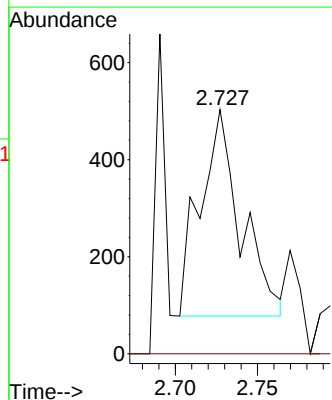
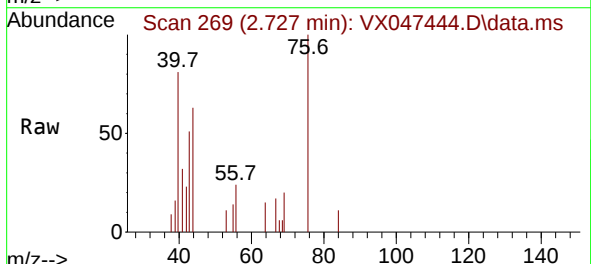
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

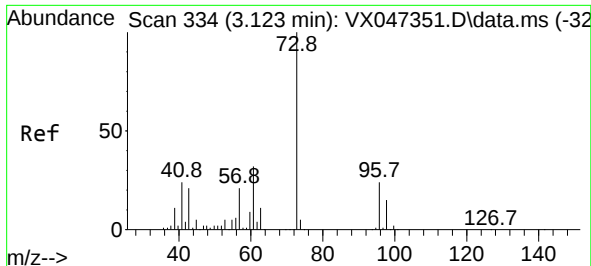
Tgt Ion: 76 Resp: 10187  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 0.254 ug/l  
RT: 2.727 min Scan# 269  
Delta R.T. 0.012 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 43 Resp: 729  
Ion Ratio Lower Upper  
43 100  
74 0.0 18.4 27.6#

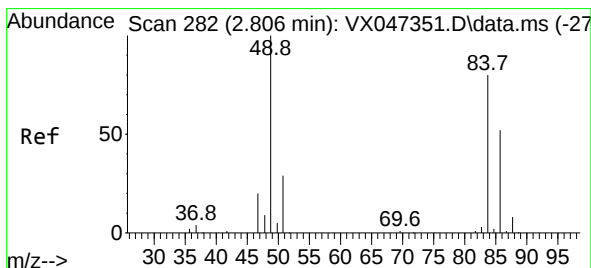
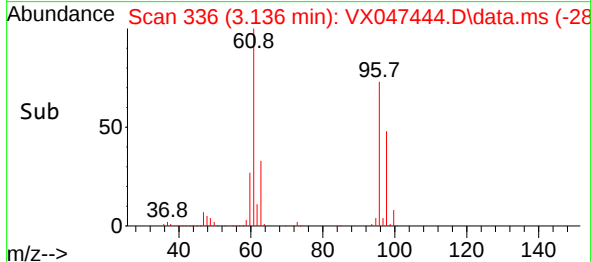
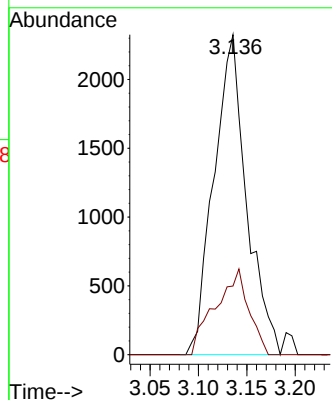
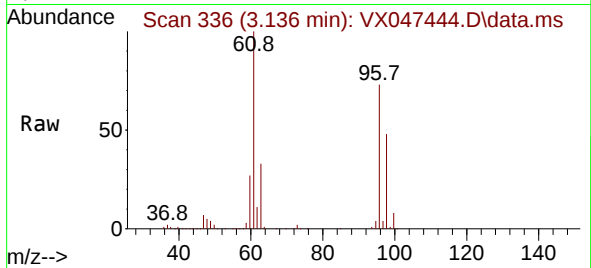




#19  
Methyl tert-butyl Ether  
Concen: 0.677 ug/l  
RT: 3.136 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

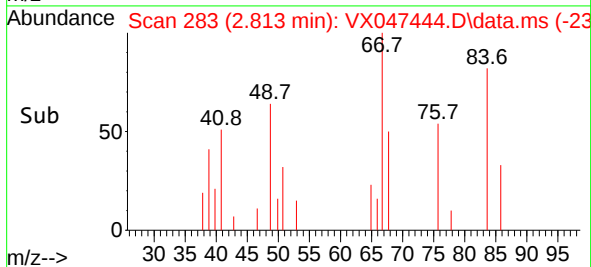
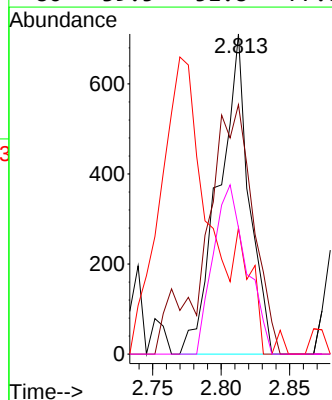
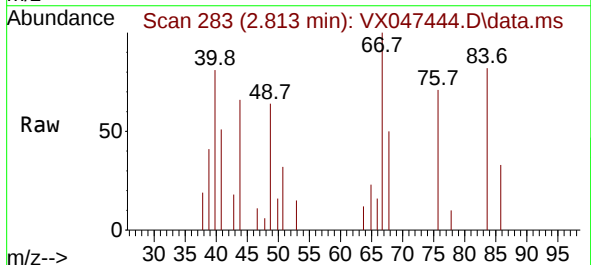
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

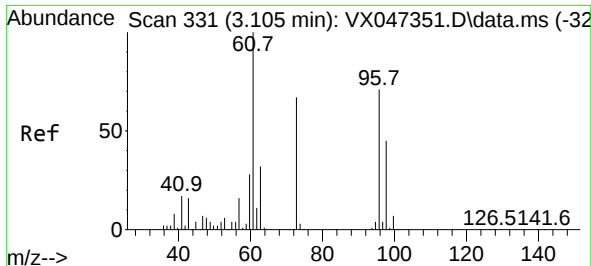
Tgt Ion: 73 Resp: 5453  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.0 25.6



#20  
Methylene Chloride  
Concen: 0.374 ug/l  
RT: 2.813 min Scan# 283  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 84 Resp: 1095  
Ion Ratio Lower Upper  
84 100  
49 77.9 100.1 150.1#  
51 31.9 29.5 44.3  
86 39.5 51.8 77.8#

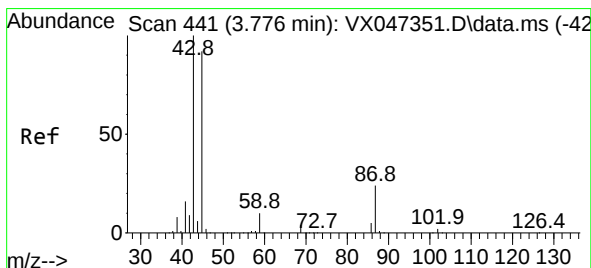
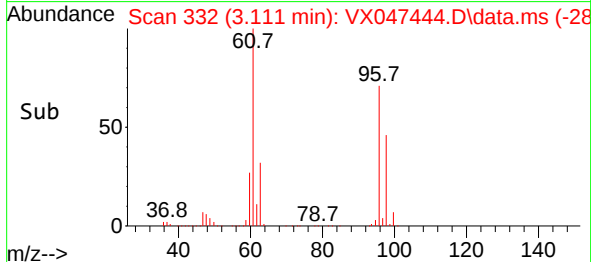
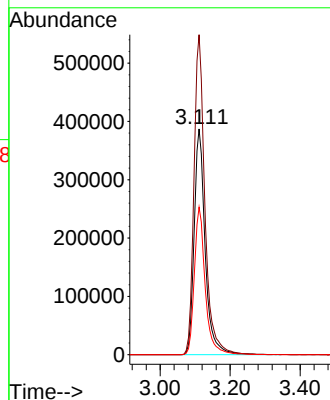
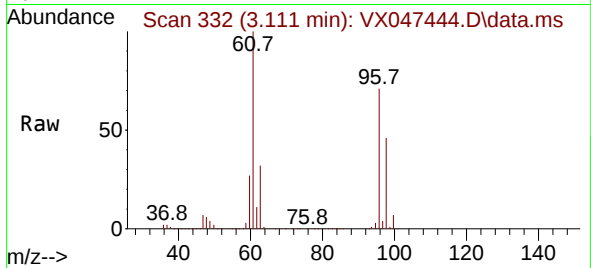




#21  
trans-1,2-Dichloroethene  
Concen: 300.521 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

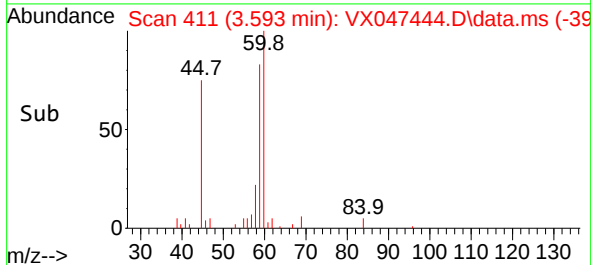
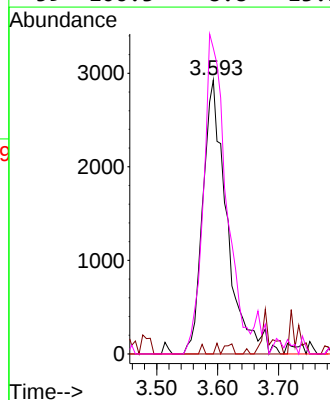
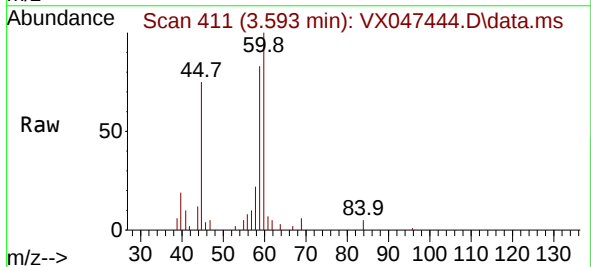
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

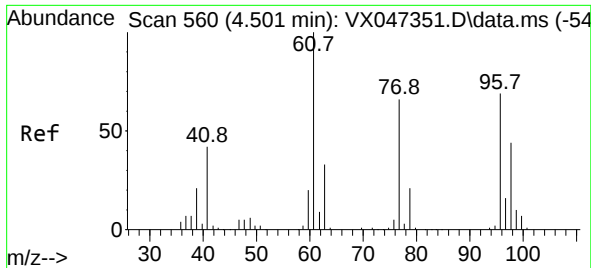
Tgt Ion: 96 Resp: 844474  
Ion Ratio Lower Upper  
96 100  
61 141.7 112.6 169.0  
98 65.3 50.9 76.3



#22  
Diisopropyl ether  
Concen: 0.885 ug/l  
RT: 3.593 min Scan# 411  
Delta R.T. -0.183 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 45 Resp: 8045  
Ion Ratio Lower Upper  
45 100  
43 0.0 86.8 130.2#  
87 0.0 20.4 30.6#  
59 106.3 8.8 13.2#

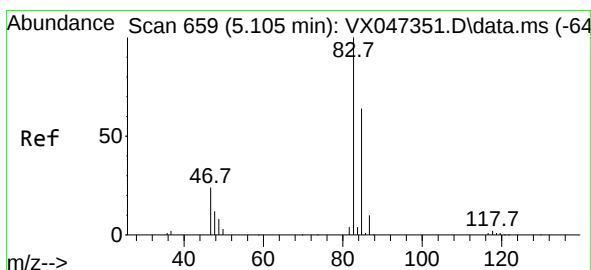
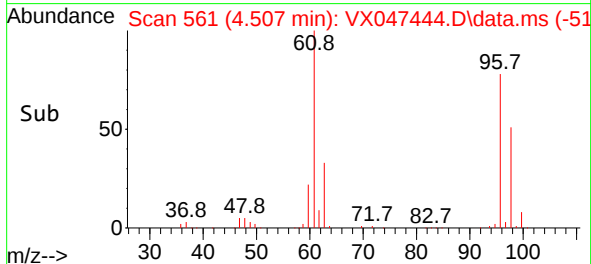
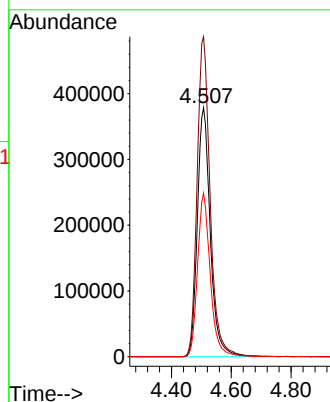
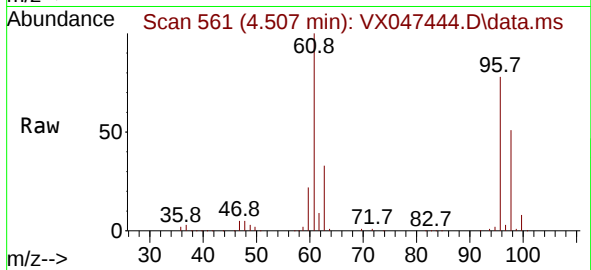




#27  
cis-1,2-Dichloroethene  
Concen: 347.626 ug/l  
RT: 4.507 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

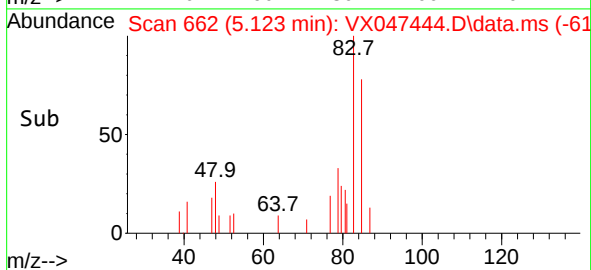
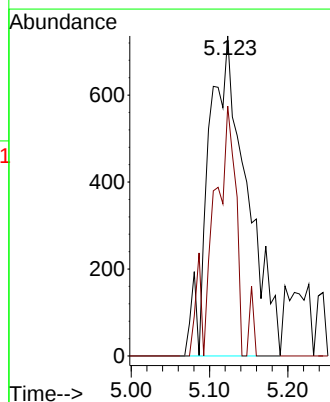
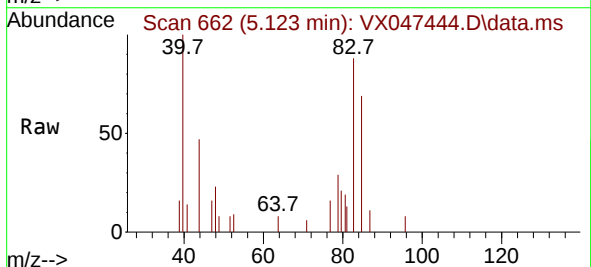
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

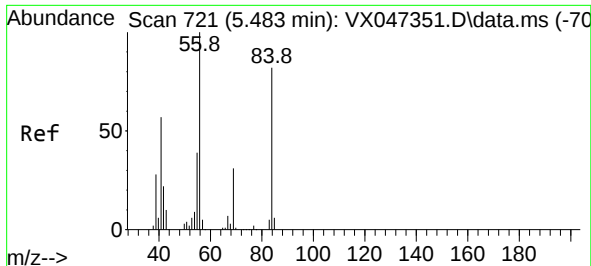
Tgt Ion: 96 Resp: 1137746  
Ion Ratio Lower Upper  
96 100  
61 129.2 0.0 296.6  
98 64.5 0.0 130.4



#30  
Chloroform  
Concen: 0.474 ug/l  
RT: 5.123 min Scan# 662  
Delta R.T. 0.018 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 83 Resp: 2485  
Ion Ratio Lower Upper  
83 100  
85 78.1 51.2 76.8#

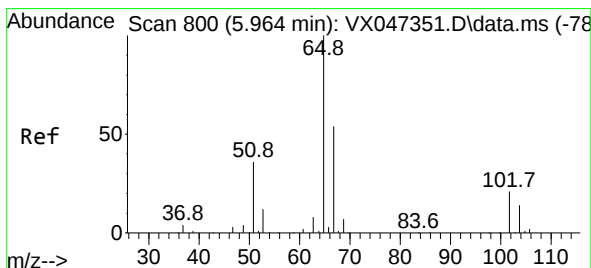
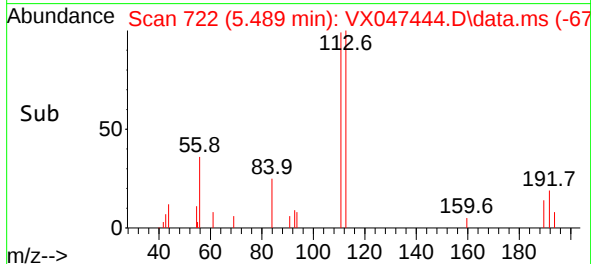
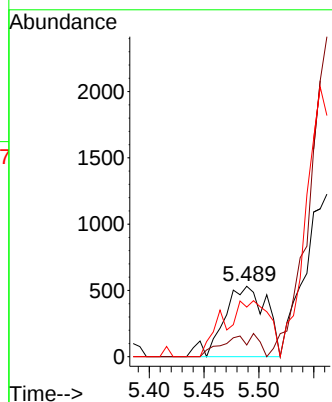
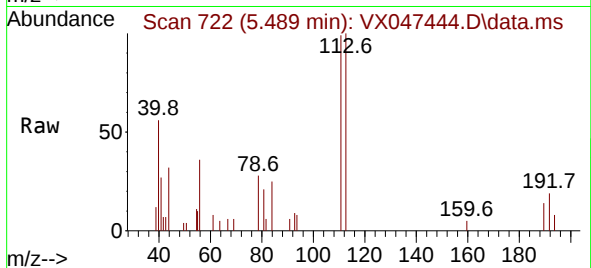




#31  
Cyclohexane  
Concen: 0.303 ug/l  
RT: 5.489 min Scan# 721  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

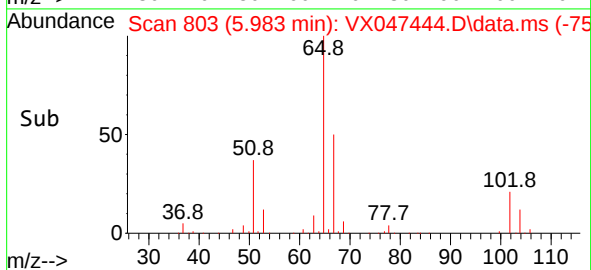
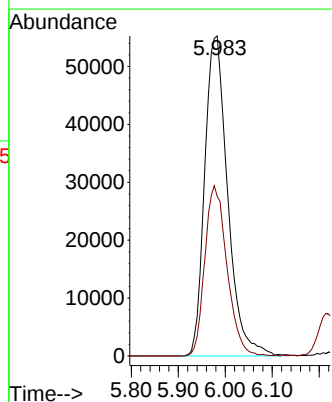
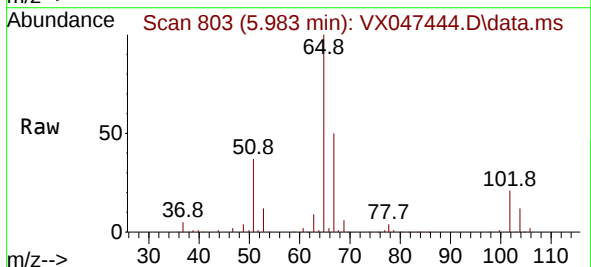
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

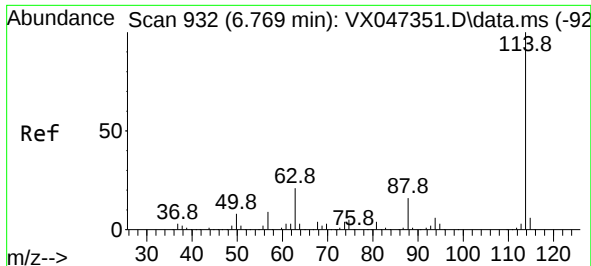
Tgt Ion: 56 Resp: 1434  
Ion Ratio Lower Upper  
56 100  
69 16.7 24.3 36.5#  
84 70.3 65.3 97.9



#33  
1,2-Dichloroethane-d4  
Concen: 63.738 ug/l  
RT: 5.983 min Scan# 803  
Delta R.T. 0.018 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 65 Resp: 187575  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 106.0

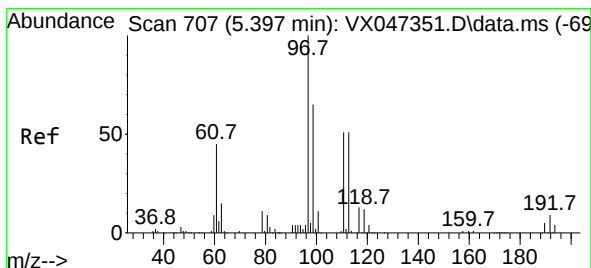
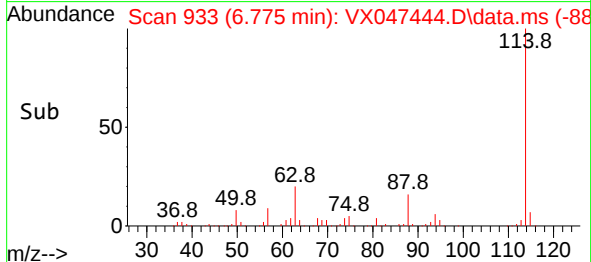
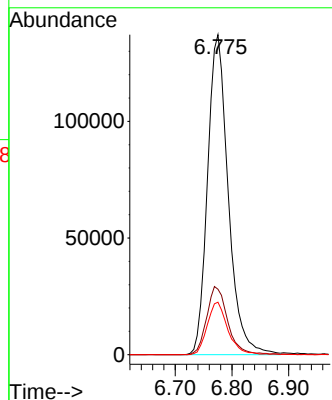
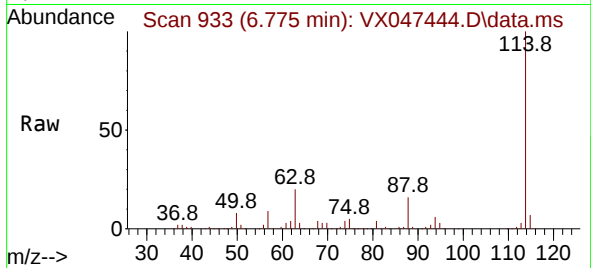




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.775 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

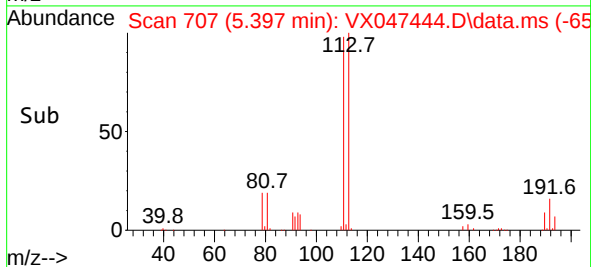
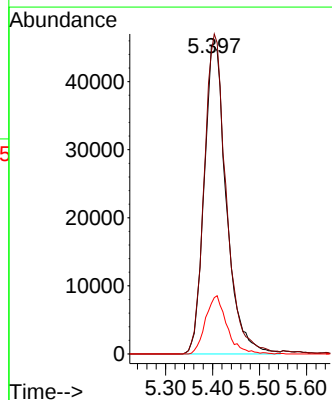
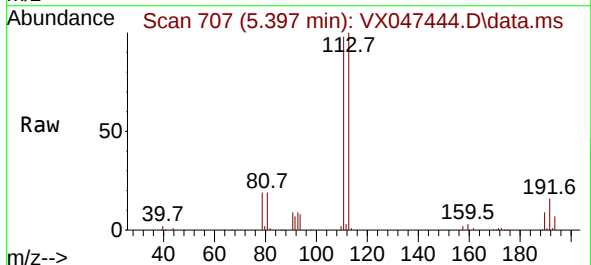
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

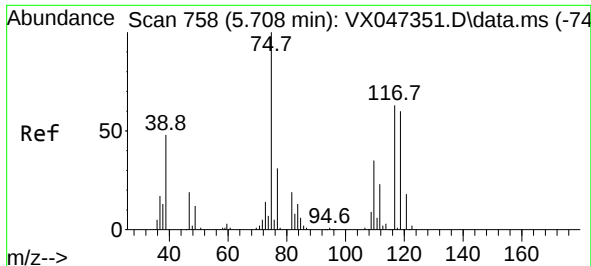
Tgt Ion:114 Resp: 348314  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 42.4  
88 16.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 66.108 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion:113 Resp: 149442  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.4 122.2  
192 18.1 14.1 21.1

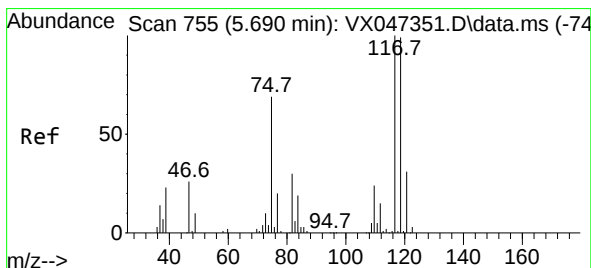
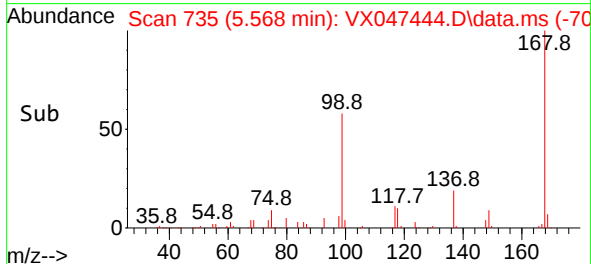
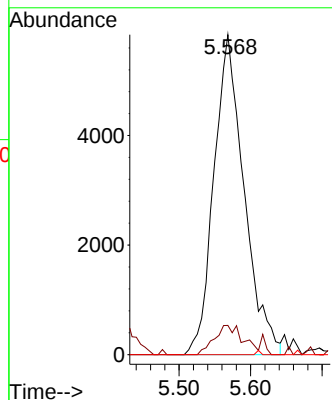
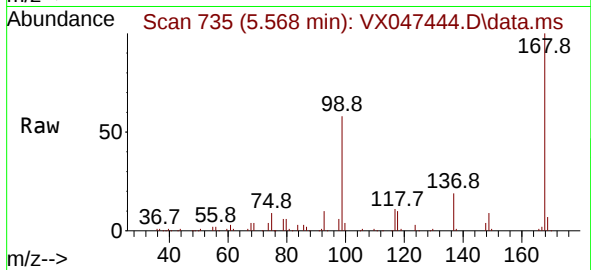




#36  
1,1-Dichloropropene  
Concen: 4.798 ug/l  
RT: 5.568 min Scan# 713  
Delta R.T. -0.140 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

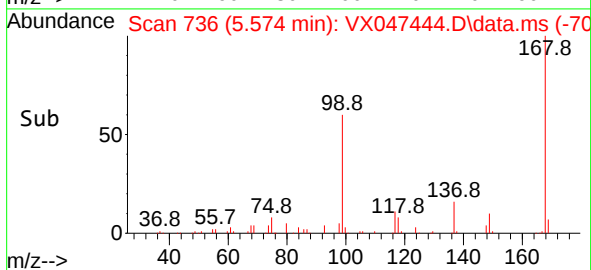
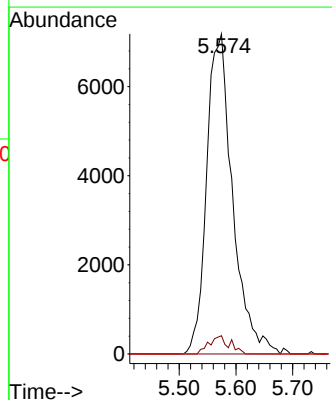
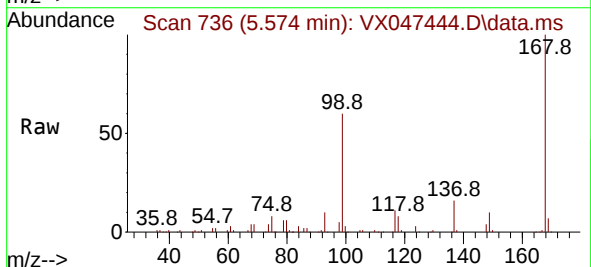
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

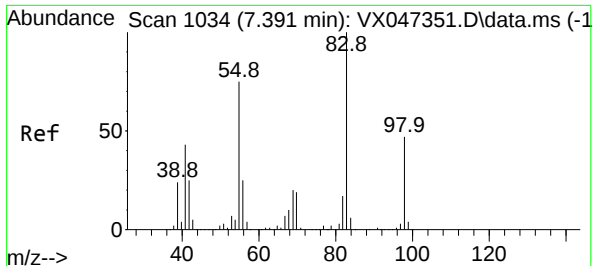
Tgt Ion: 75 Resp: 17123  
Ion Ratio Lower Upper  
75 100  
110 8.7 17.4 52.2#  
77 0.0 24.4 36.6#



#38  
Carbon Tetrachloride  
Concen: 5.848 ug/l  
RT: 5.574 min Scan# 736  
Delta R.T. -0.116 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 117 Resp: 22805  
Ion Ratio Lower Upper  
117 100  
119 5.7 78.5 117.7#  
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.298 ug/l

RT: 7.391 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

MN-12C-081825

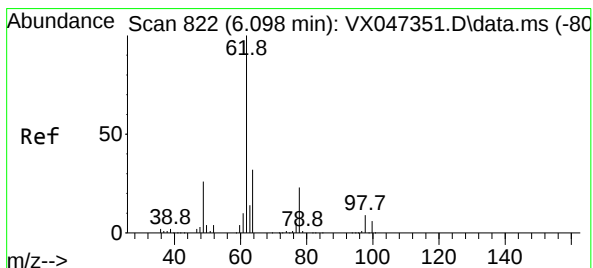
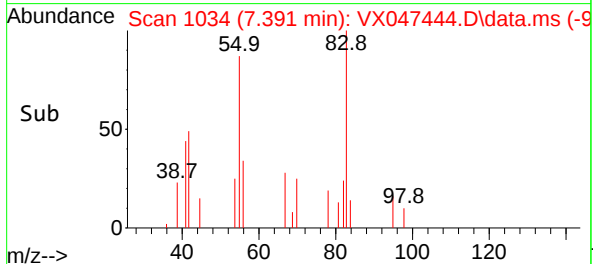
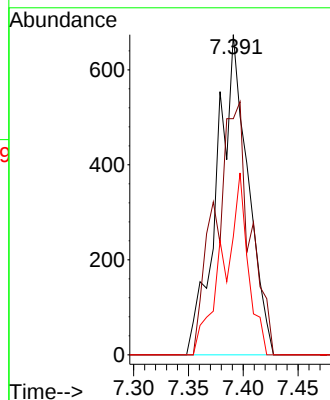
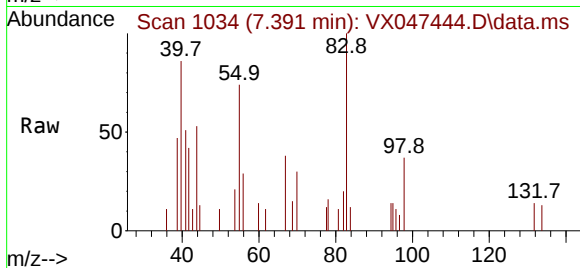
Tgt Ion: 83 Resp: 1328

Ion Ratio Lower Upper

83 100

55 73.7 60.0 90.0

98 36.9 37.2 55.8#



#42

1,2-Dichloroethane

Concen: 98.323 ug/l

RT: 6.074 min Scan# 818

Delta R.T. -0.024 min

Lab File: VX047444.D

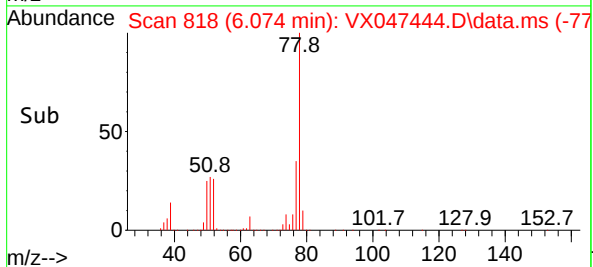
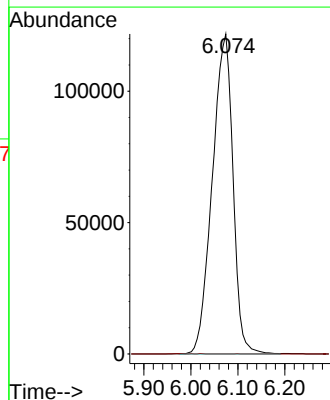
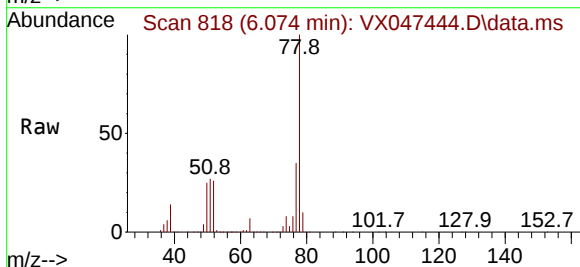
Acq: 20 Aug 2025 15:47

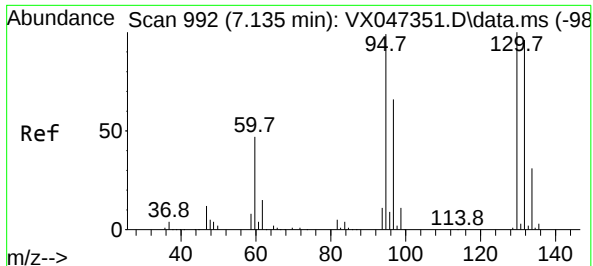
Tgt Ion: 62 Resp: 371995

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0

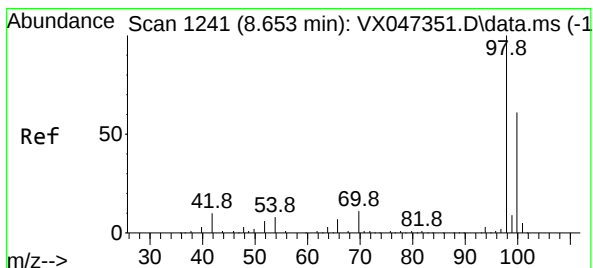
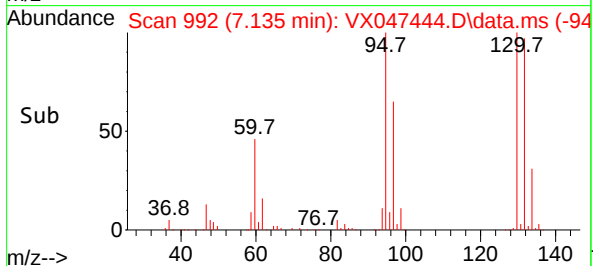
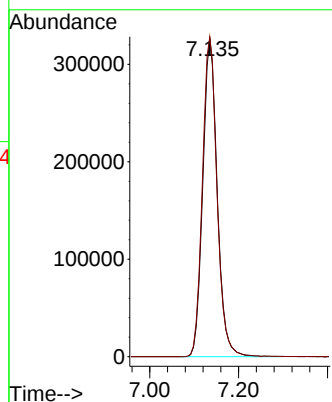
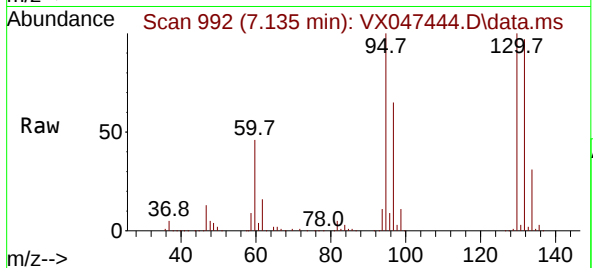




#44  
Trichloroethene  
Concen: 270.318 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

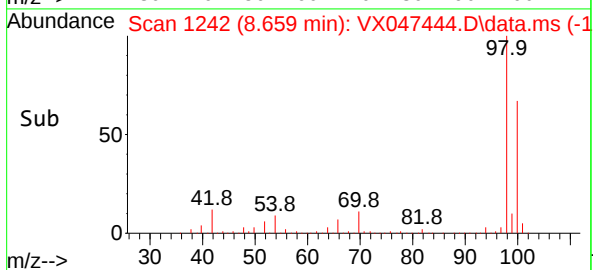
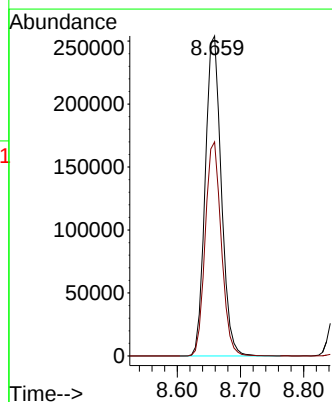
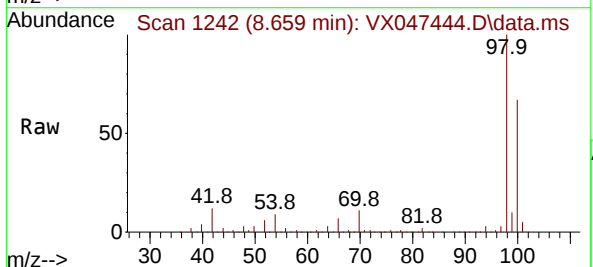
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

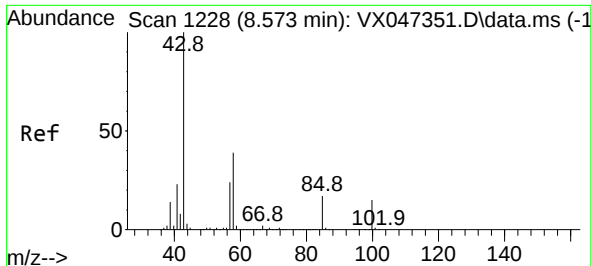
Tgt Ion:130 Resp: 739313  
Ion Ratio Lower Upper  
130 100  
95 100.5 0.0 198.6



#50  
Toluene-d8  
Concen: 55.622 ug/l  
RT: 8.659 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 98 Resp: 449426  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 94.925 ug/l

RT: 8.738 min Scan# 1255

Delta R.T. 0.165 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

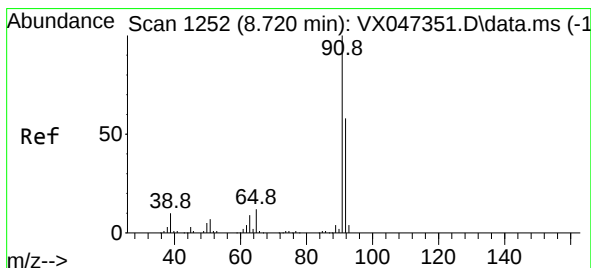
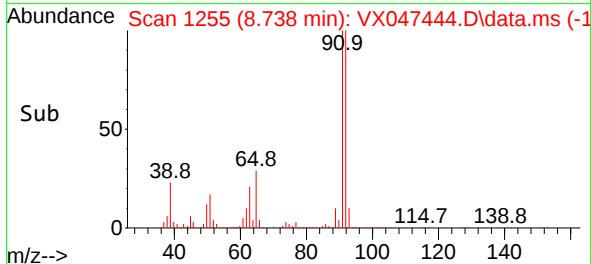
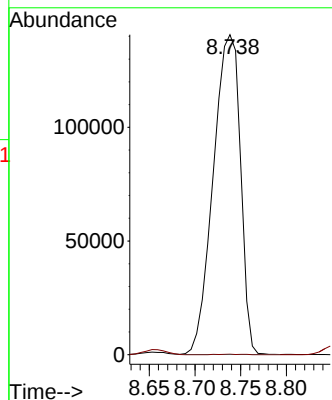
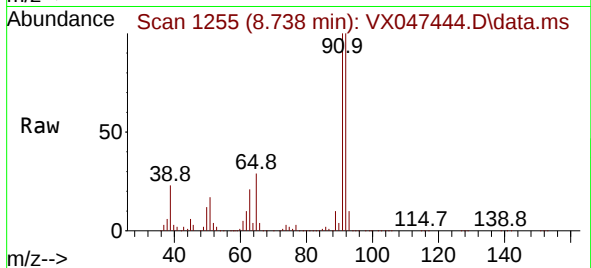
MN-12C-081825

Tgt Ion: 43 Resp: 290720

Ion Ratio Lower Upper

43 100

58 0.1 31.2 46.8#



#52

Toluene

Concen: 2866.322 ug/l

RT: 8.738 min Scan# 1255

Delta R.T. 0.018 min

Lab File: VX047444.D

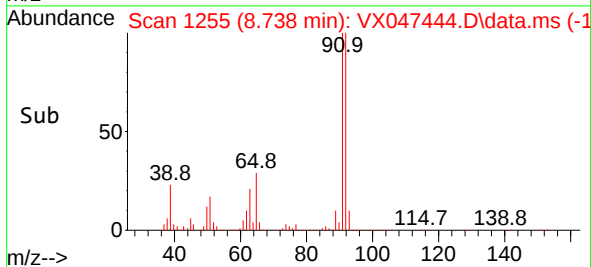
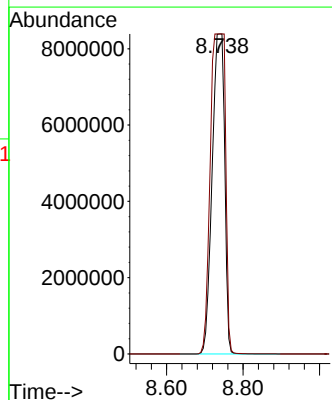
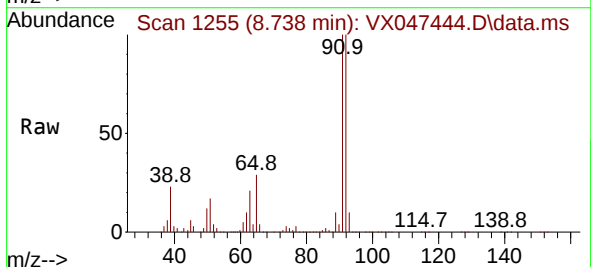
Acq: 20 Aug 2025 15:47

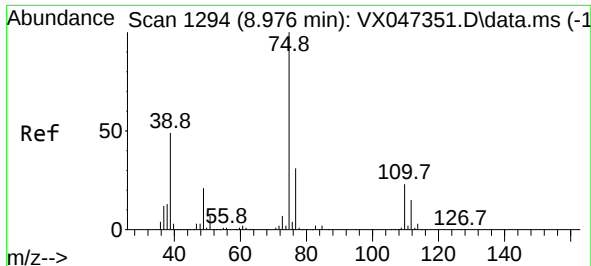
Tgt Ion: 92 Resp:18918291

Ion Ratio Lower Upper

92 100

91 0.0 136.3 204.5#

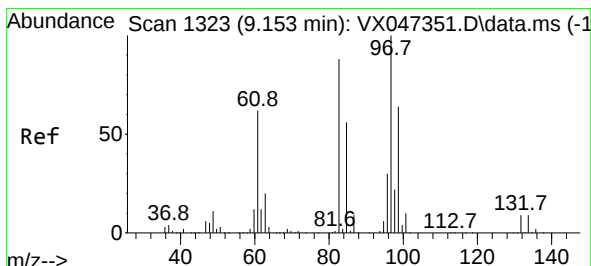
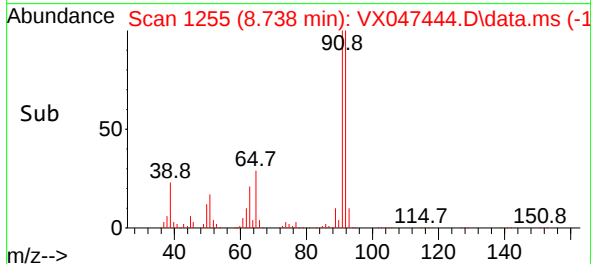
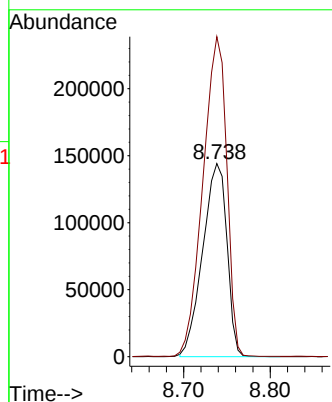
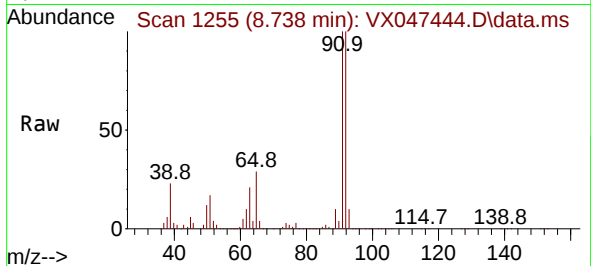




#53  
 t-1,3-Dichloropropene  
 Concen: 79.526 ug/l  
 RT: 8.738 min Scan# 11  
 Delta R.T. -0.238 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

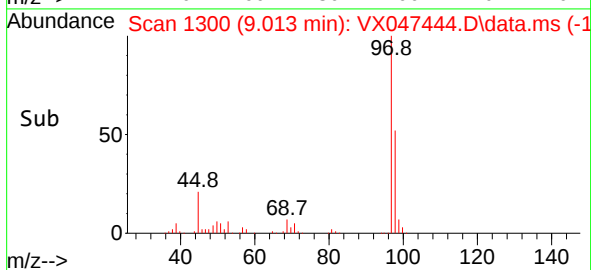
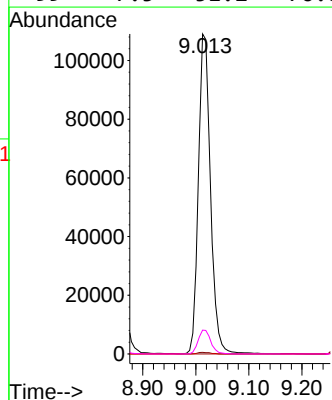
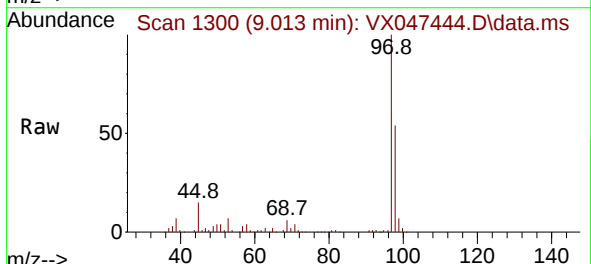
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MN-12C-081825

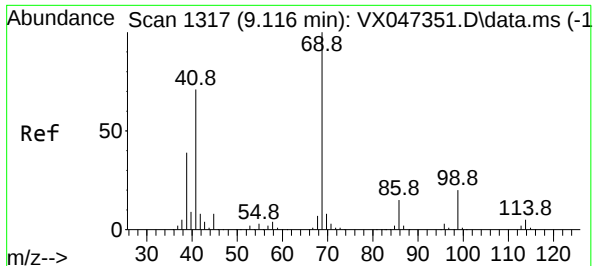
Tgt Ion: 75 Resp: 279525  
 Ion Ratio Lower Upper  
 75 100  
 77 165.4 24.7 37.1#



#55  
 1,1,2-Trichloroethane  
 Concen: 69.000 ug/l  
 RT: 9.013 min Scan# 1300  
 Delta R.T. -0.140 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

Tgt Ion: 97 Resp: 172912  
 Ion Ratio Lower Upper  
 97 100  
 83 0.5 70.6 106.0#  
 85 0.0 44.7 67.1#  
 99 7.5 51.2 76.8#





#56

Ethyl methacrylate

Concen: 3.200 ug/l

RT: 9.019 min Scan# 11823

Delta R.T. -0.097 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

MN-12C-081825

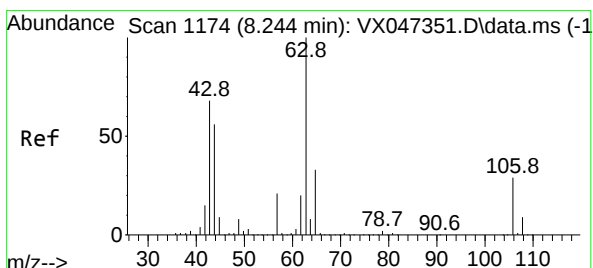
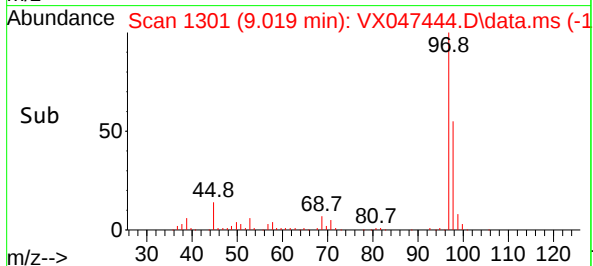
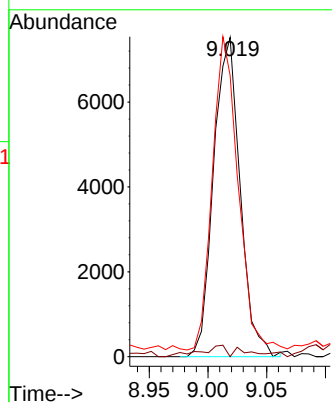
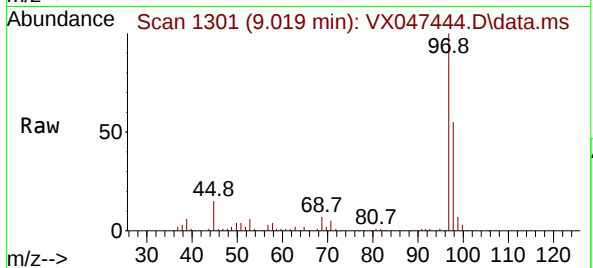
Tgt Ion: 69 Resp: 11823

Ion Ratio Lower Upper

69 100

41 3.3 55.3 82.9#

39 96.1 30.2 45.2#



#58

2-Chloroethyl Vinyl ether

Concen: 8.373 ug/l

RT: 8.202 min Scan# 1167

Delta R.T. -0.042 min

Lab File: VX047444.D

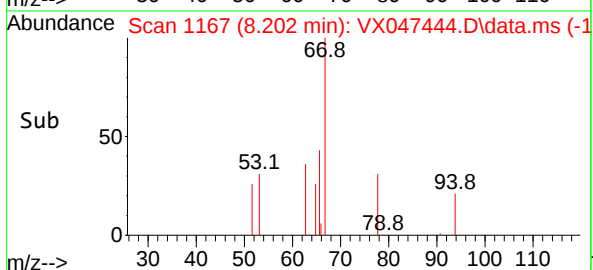
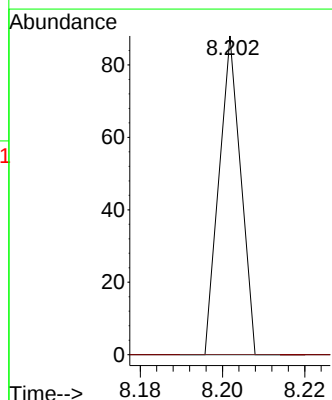
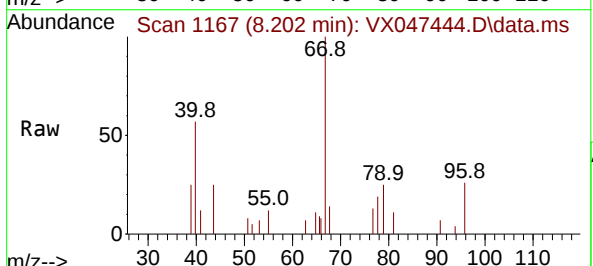
Acq: 20 Aug 2025 15:47

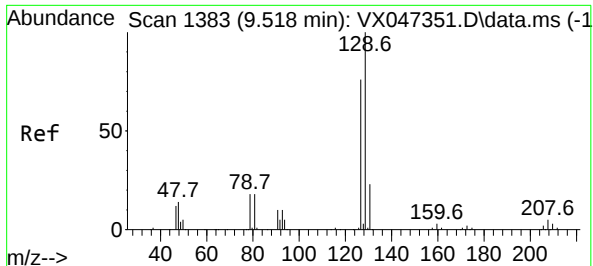
Tgt Ion: 63 Resp: 32

Ion Ratio Lower Upper

63 100

106 0.0 22.8 34.2#

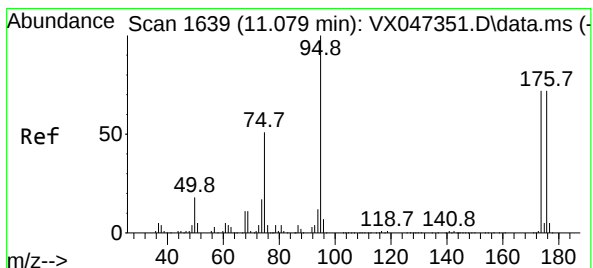
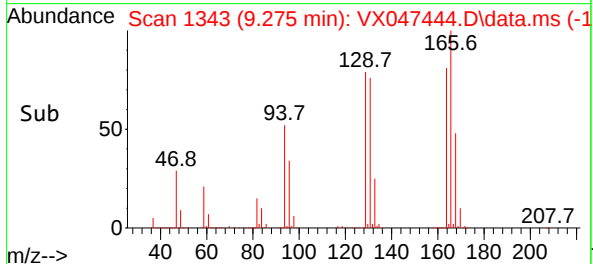
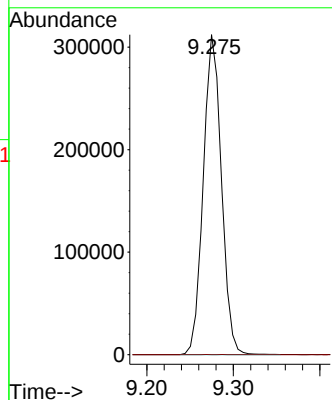
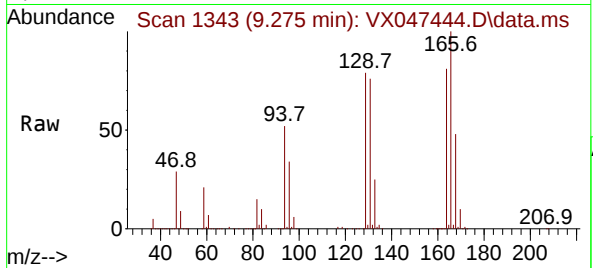




#60  
Dibromochloromethane  
Concen: 152.456 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.244 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

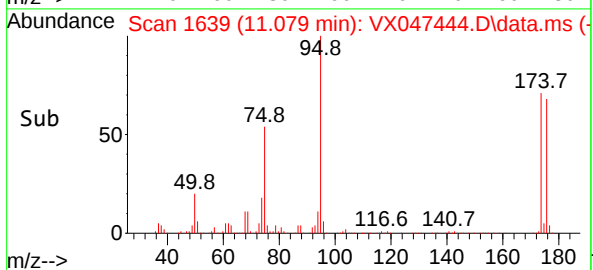
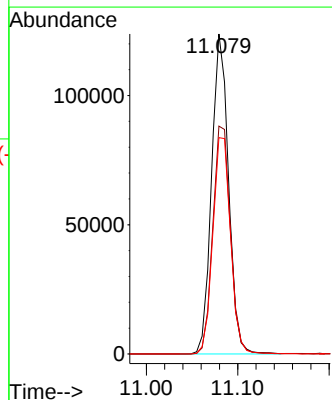
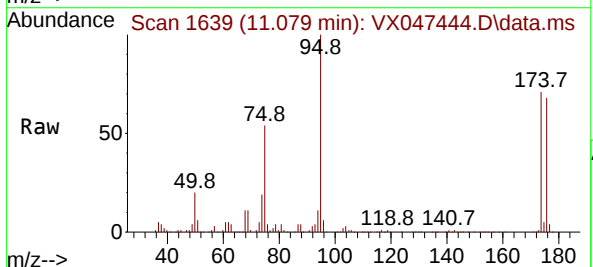
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

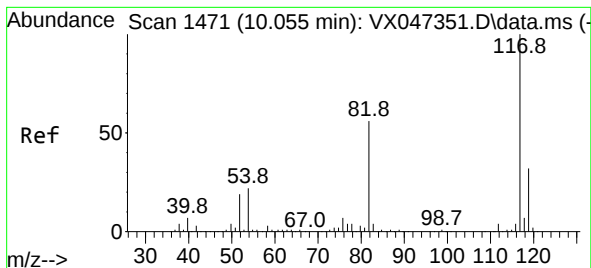
Tgt Ion:129 Resp: 454031  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.9 116.6#



#62  
4-Bromofluorobenzene  
Concen: 53.234 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 95 Resp: 158726  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 148.0  
176 71.1 0.0 145.4

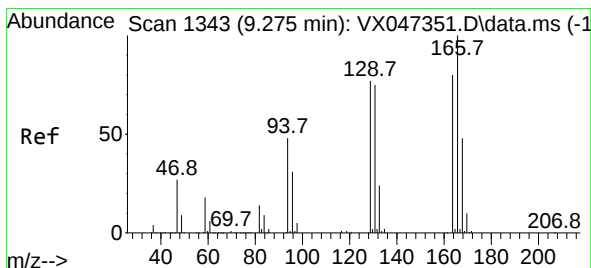
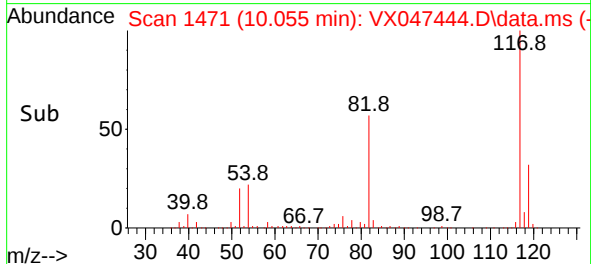
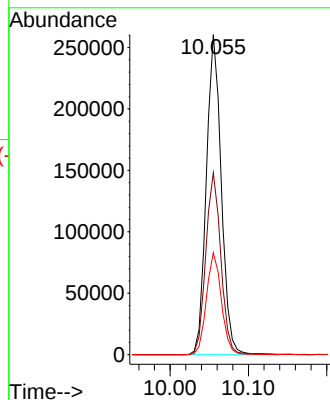
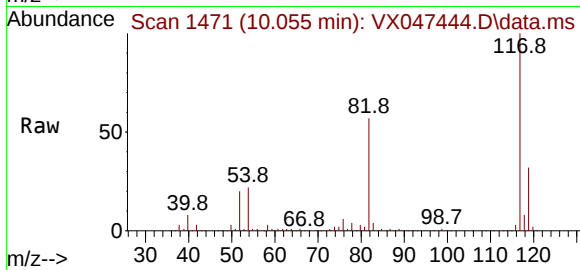




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

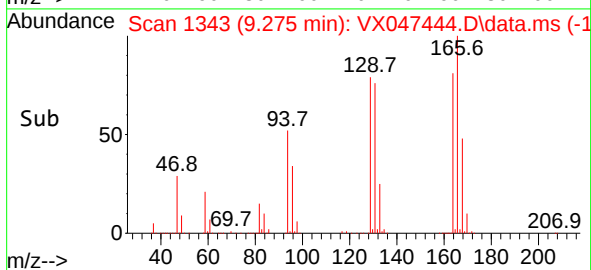
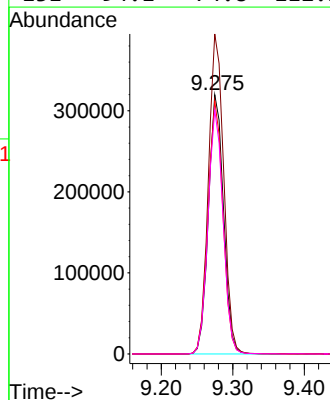
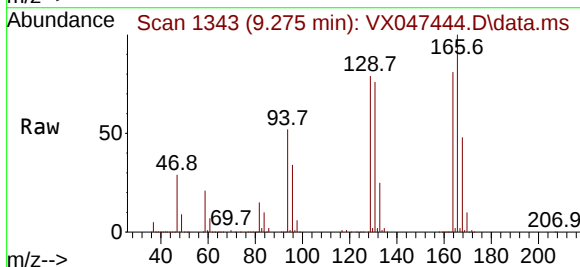
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

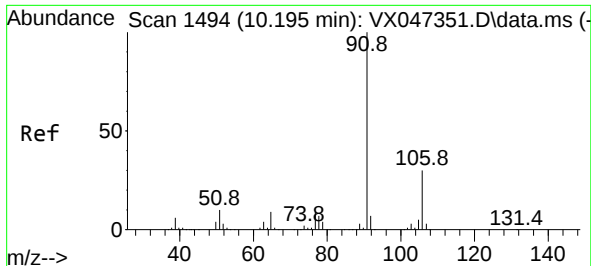
Tgt Ion:117 Resp: 344337  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.0 67.4  
119 31.8 25.8 38.8



#64  
Tetrachloroethene  
Concen: 188.334 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion:164 Resp: 469074  
Ion Ratio Lower Upper  
164 100  
166 123.5 100.3 150.5  
129 97.6 77.7 116.5  
131 94.1 74.8 112.2





#67

Ethyl Benzene

Concen: 1113.162 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

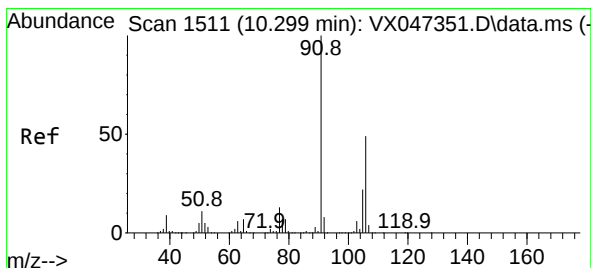
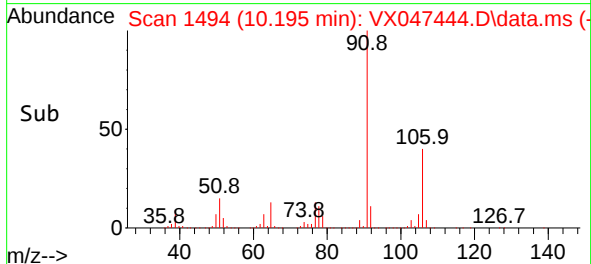
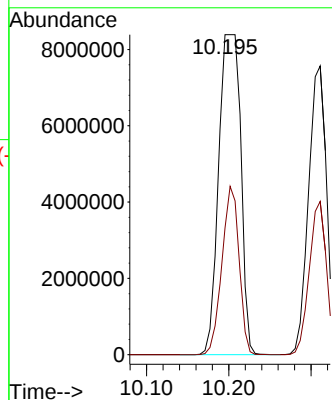
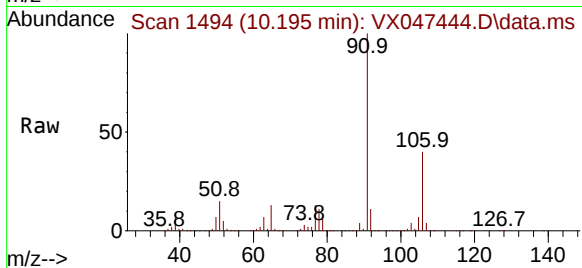
MN-12C-081825

Tgt Ion: 91 Resp:15677494

Ion Ratio Lower Upper

91 100

106 39.6 24.4 36.6#



#68

m/p-Xylenes

Concen: 1104.240 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX047444.D

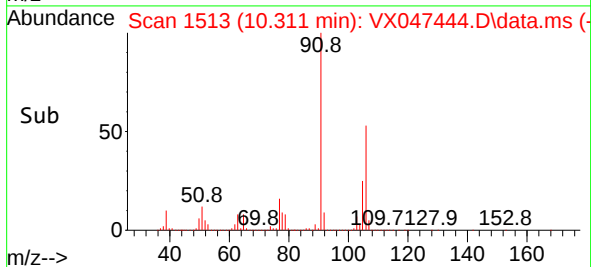
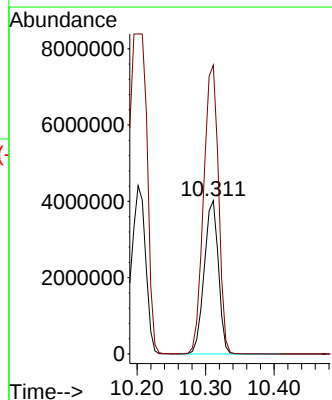
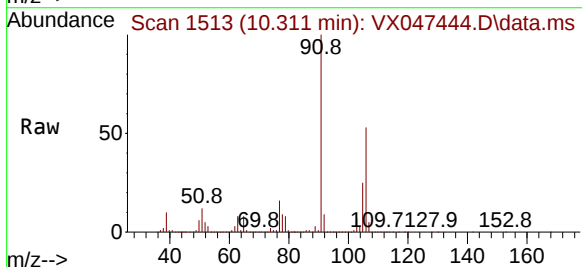
Acq: 20 Aug 2025 15:47

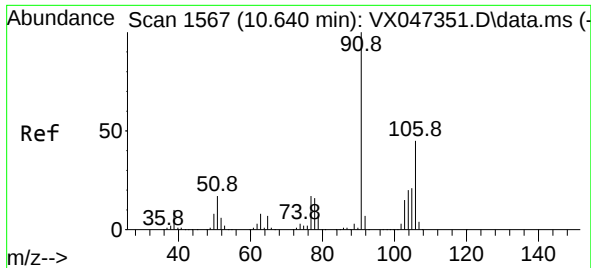
Tgt Ion:106 Resp: 5798914

Ion Ratio Lower Upper

106 100

91 197.7 164.7 247.1

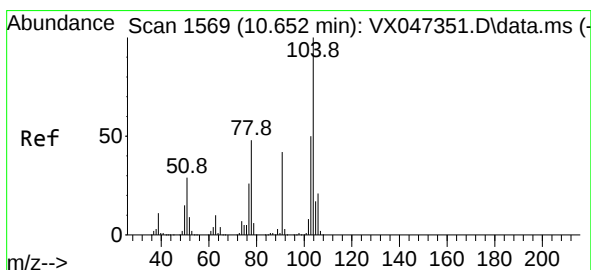
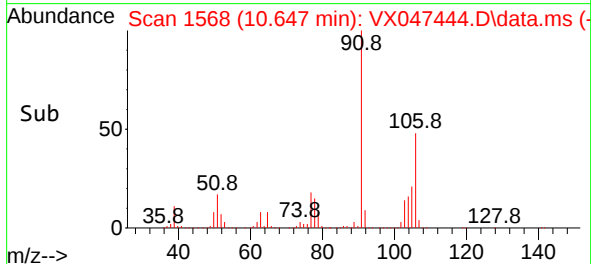
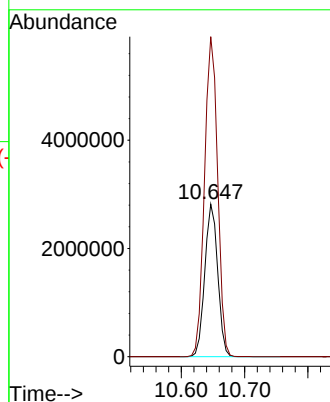
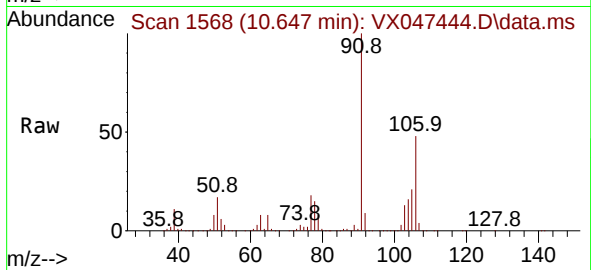




#69  
o-Xylene  
Concen: 792.368 ug/l  
RT: 10.647 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

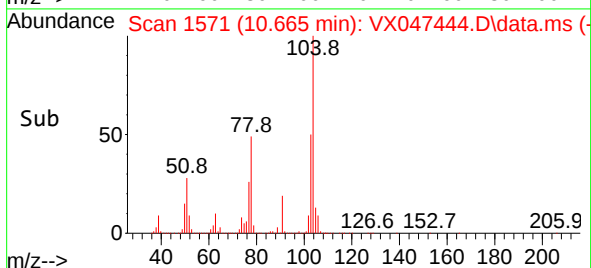
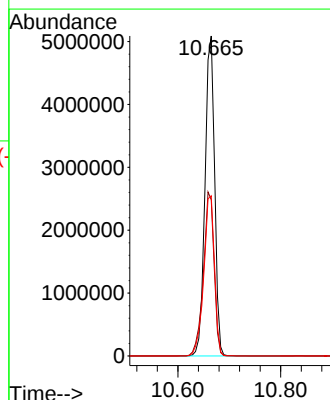
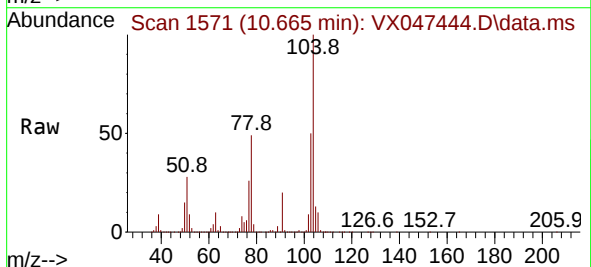
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

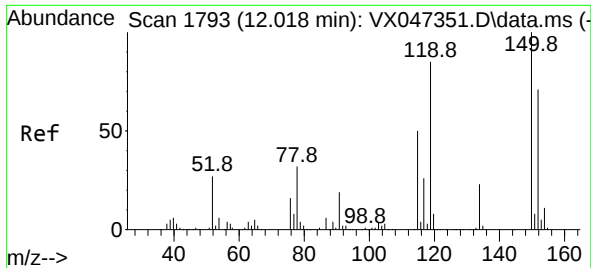
Tgt Ion:106 Resp: 4004397  
Ion Ratio Lower Upper  
106 100  
91 213.6 110.6 331.8



#70  
Styrene  
Concen: 772.418 ug/l  
RT: 10.665 min Scan# 1571  
Delta R.T. 0.012 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion:104 Resp: 6595733  
Ion Ratio Lower Upper  
104 100  
78 56.9 41.8 62.8  
103 55.9 43.6 65.4

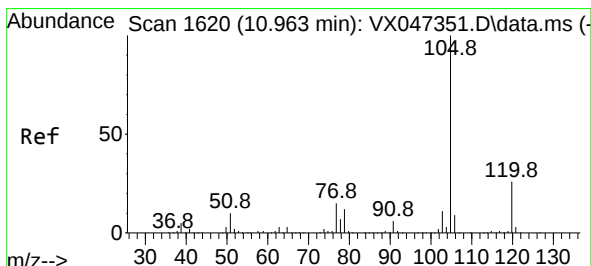
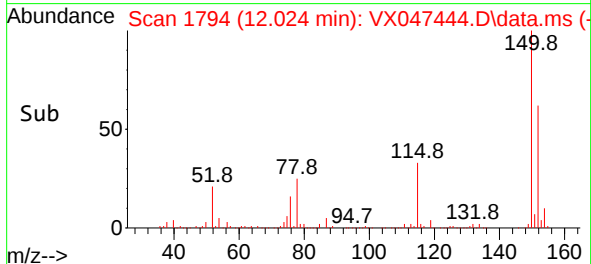
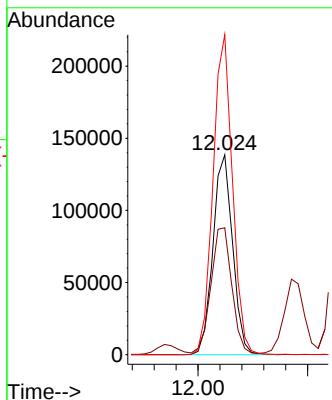
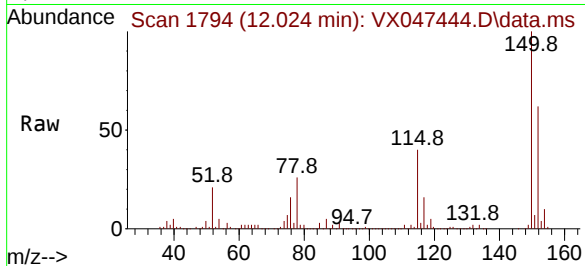




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1793  
 Delta R.T. 0.006 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

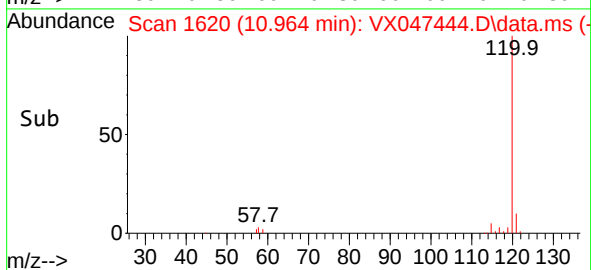
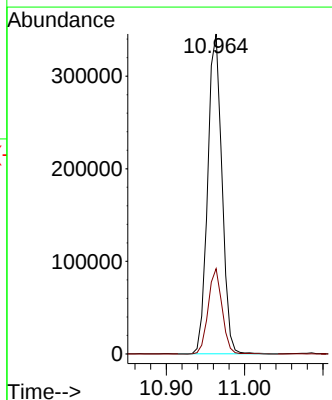
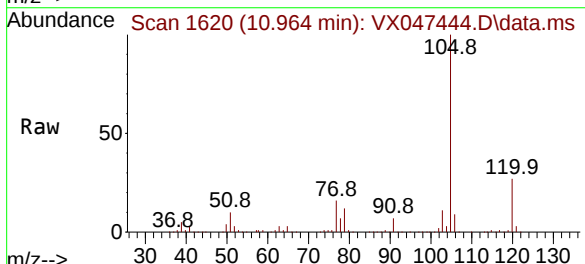
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MN-12C-081825

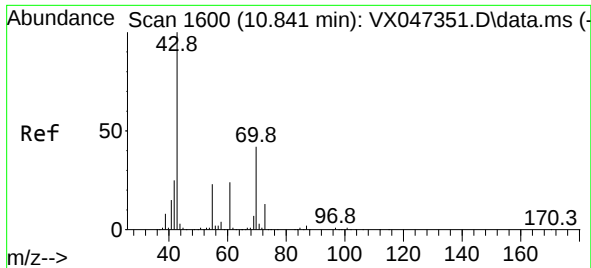
Tgt Ion:152 Resp: 172936  
 Ion Ratio Lower Upper  
 152 100  
 115 65.9 44.6 133.8  
 150 158.1 0.0 349.8



#73  
 Isopropylbenzene  
 Concen: 32.100 ug/l  
 RT: 10.964 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VX047444.D  
 Acq: 20 Aug 2025 15:47

Tgt Ion:105 Resp: 434411  
 Ion Ratio Lower Upper  
 105 100  
 120 26.1 12.9 38.6

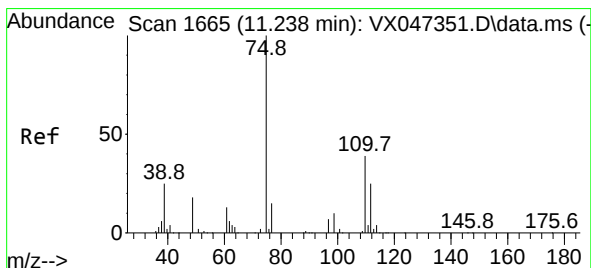
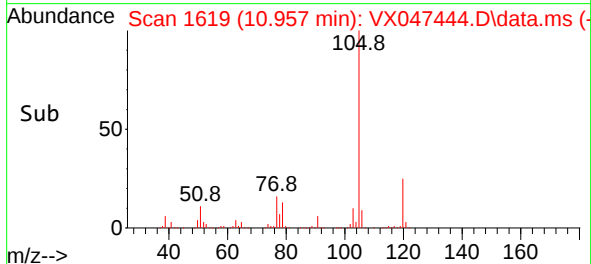
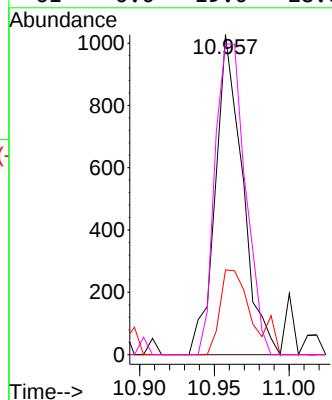
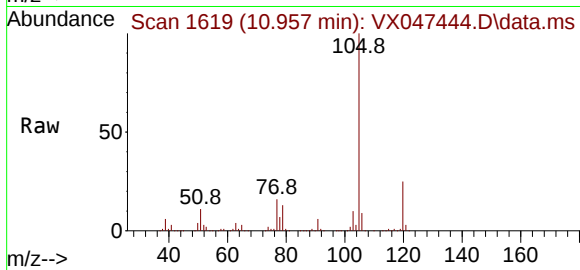




#74  
N-amy1 acetate  
Concen: 0.253 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. 0.116 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

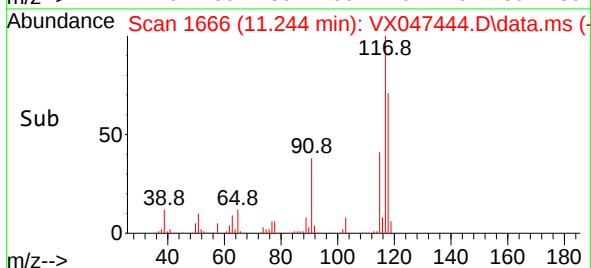
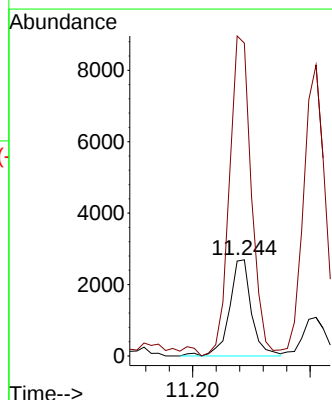
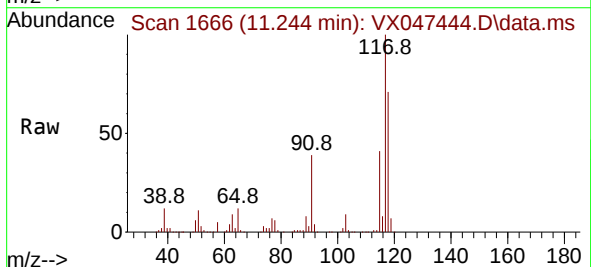
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

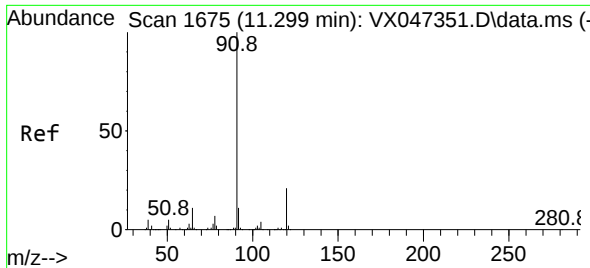
Tgt Ion: 43 Resp: 1302  
Ion Ratio Lower Upper  
43 100  
70 0.0 33.1 49.7#  
55 31.1 19.0 28.6#  
61 0.0 19.0 28.6#



#76  
1,2,3-Trichloropropane  
Concen: 1.100 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 75 Resp: 3488  
Ion Ratio Lower Upper  
75 100  
77 0.0 19.4 58.2#

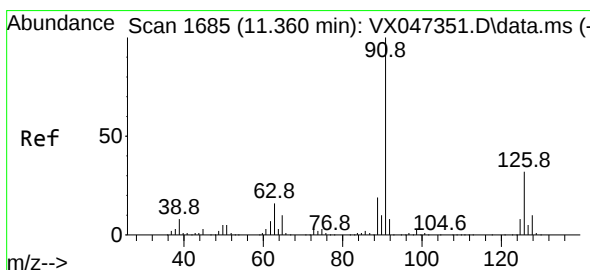
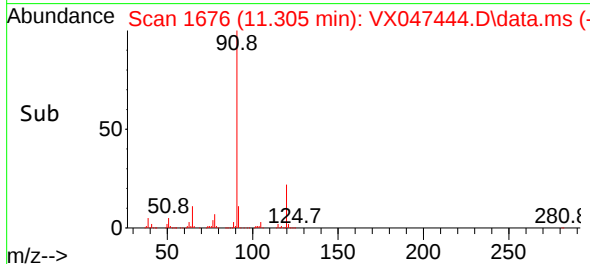
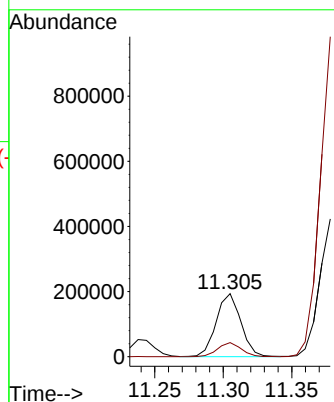
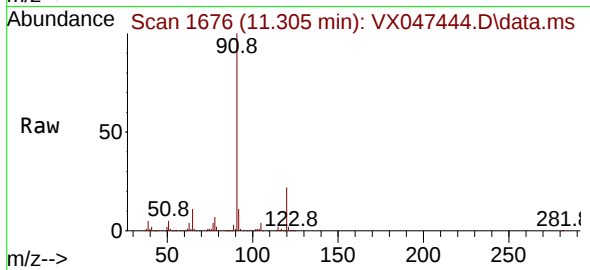




#78  
n-propylbenzene  
Concen: 14.992 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

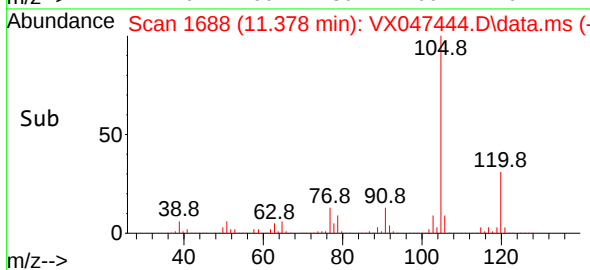
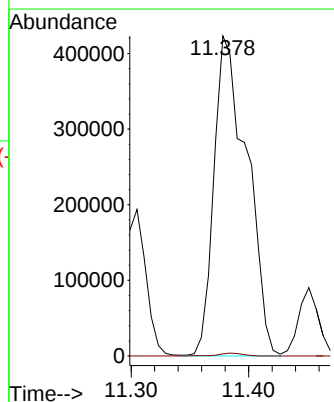
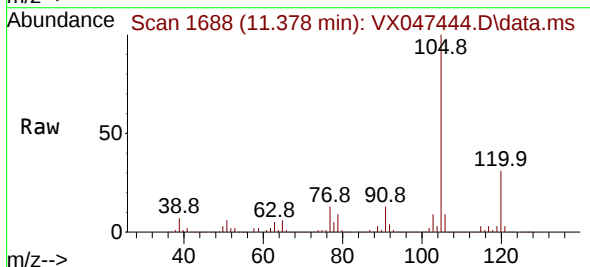
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

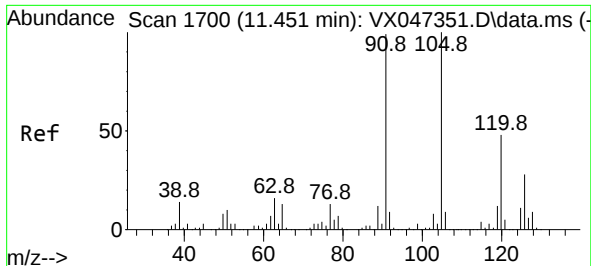
Tgt Ion: 91 Resp: 242307  
Ion Ratio Lower Upper  
91 100  
120 0.0 11.0 33.0#



#79  
2-Chlorotoluene  
Concen: 84.483 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.018 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 91 Resp: 825434  
Ion Ratio Lower Upper  
91 100  
126 0.7 16.7 50.1#

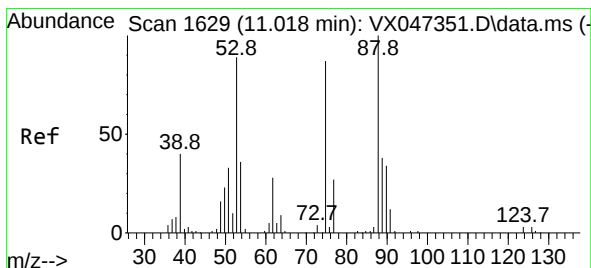
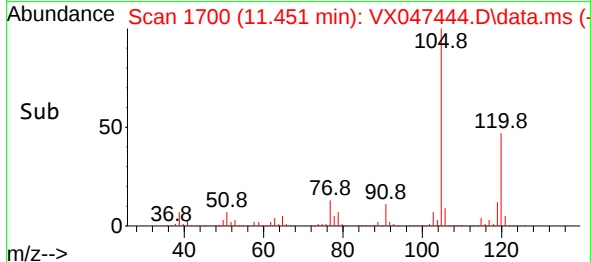
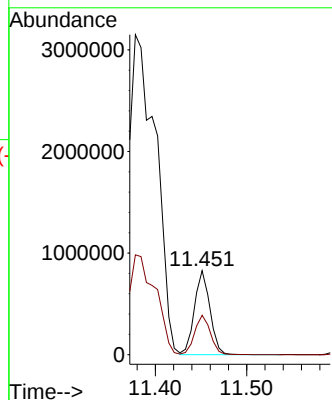
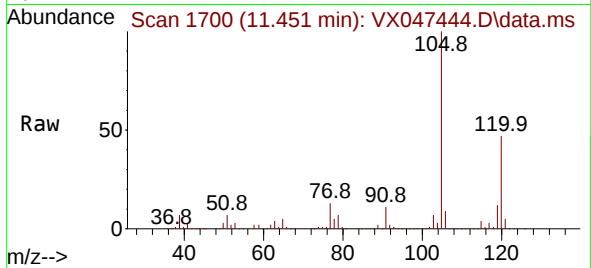




#80  
1,3,5-Trimethylbenzene  
Concen: 87.618 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

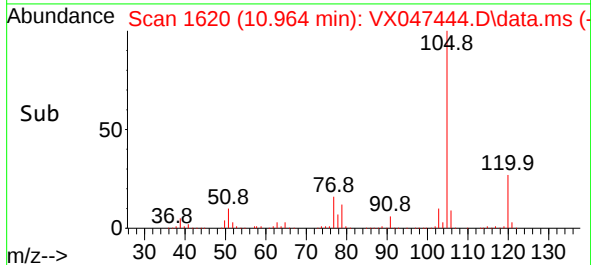
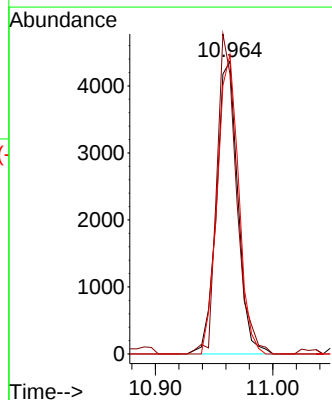
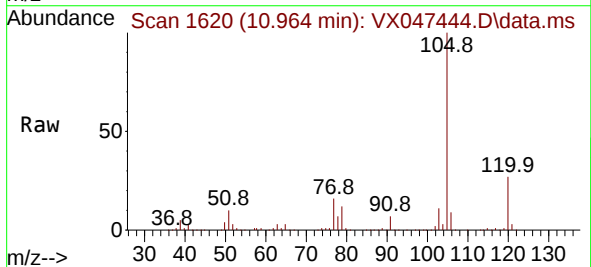
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

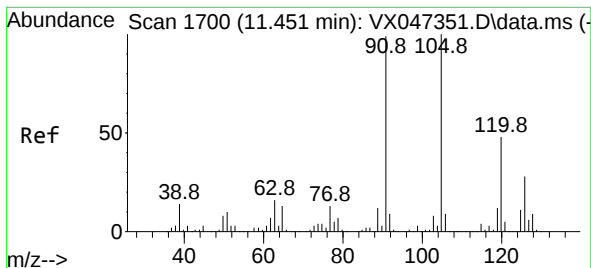
Tgt Ion:105 Resp: 975616  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.9 71.7



#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.243 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. -0.055 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 75 Resp: 5523  
Ion Ratio Lower Upper  
75 100  
53 100.3 85.2 127.8  
89 101.7 36.7 55.1#

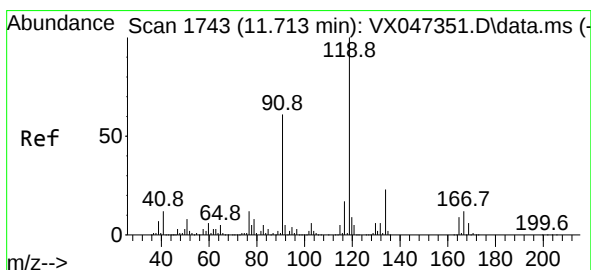
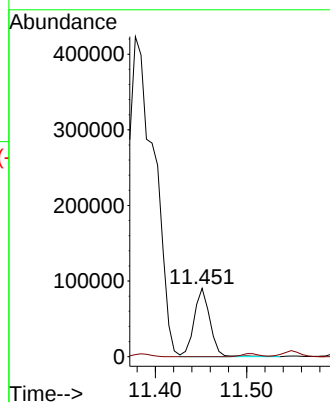
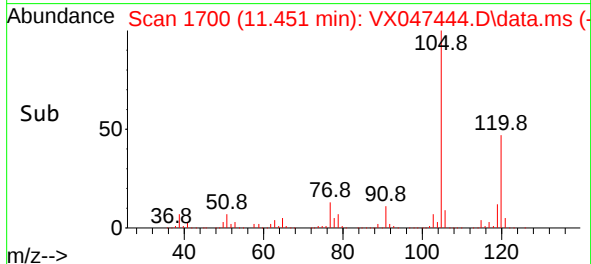
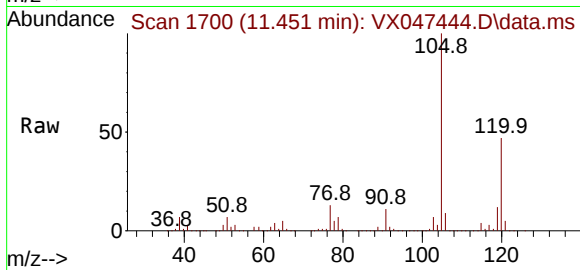




#82  
4-Chlorotoluene  
Concen: 9.446 ug/l  
RT: 11.451 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

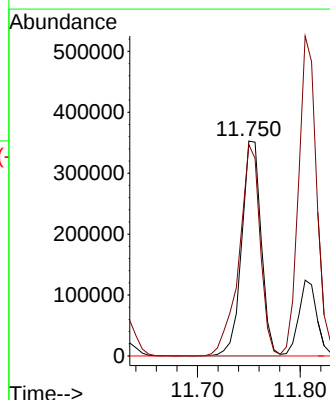
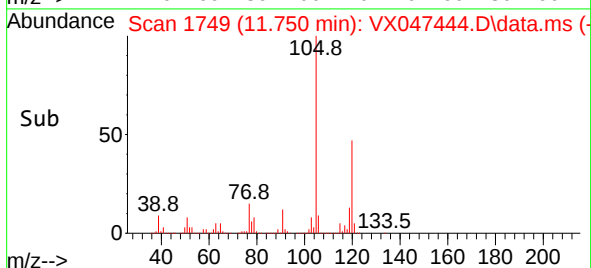
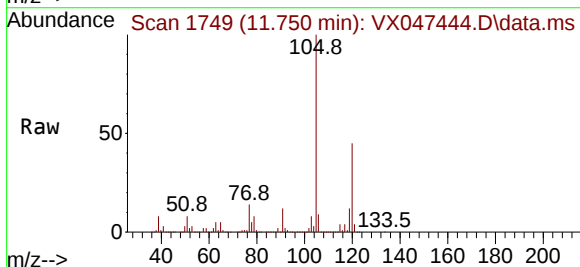
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

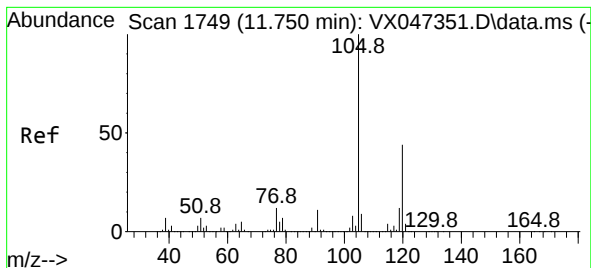
Tgt Ion: 91 Resp: 108797  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.4 43.0#



#83  
tert-Butylbenzene  
Concen: 41.928 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.037 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 119 Resp: 465771  
Ion Ratio Lower Upper  
119 100  
91 106.5 29.1 87.4#  
134 0.0 11.3 33.9#





#84

1,2,4-Trimethylbenzene

Concen: 340.680 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

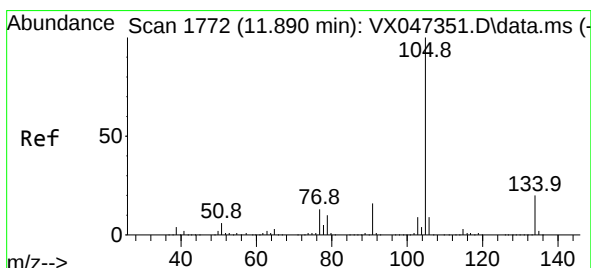
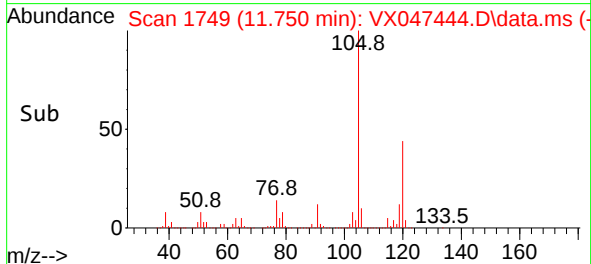
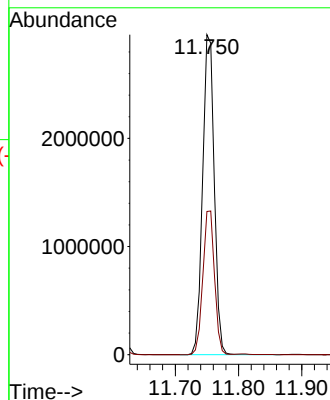
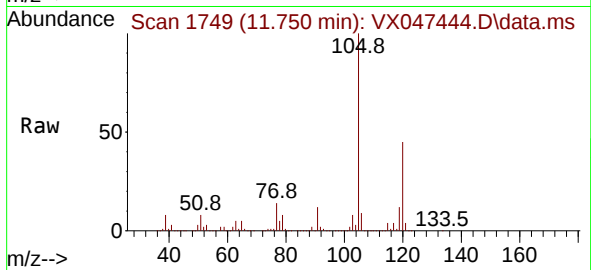
MN-12C-081825

Tgt Ion:105 Resp: 3793504

Ion Ratio Lower Upper

105 100

120 45.0 21.9 65.7



#85

sec-Butylbenzene

Concen: 275.509 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX047444.D

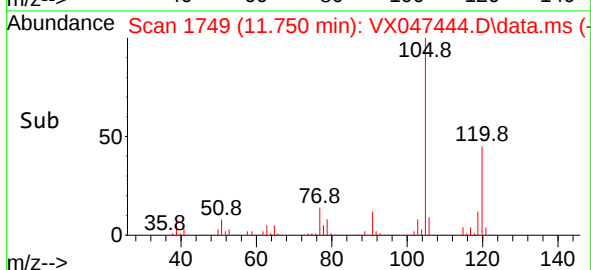
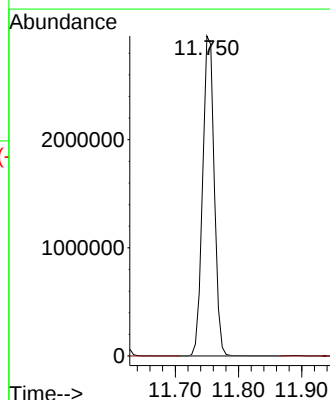
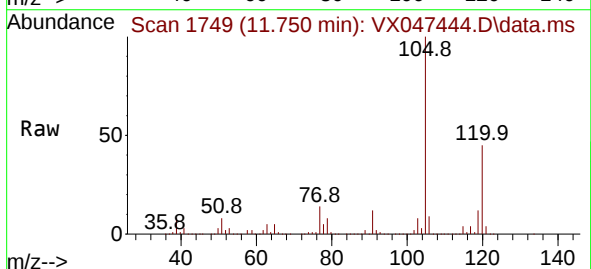
Acq: 20 Aug 2025 15:47

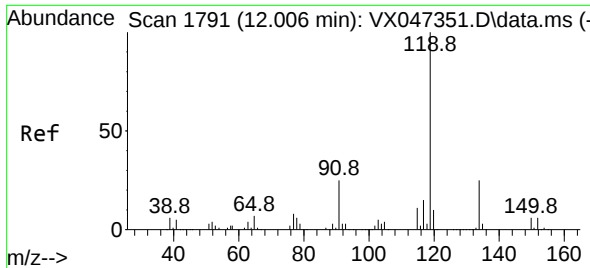
Tgt Ion:105 Resp: 3793504

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.5#

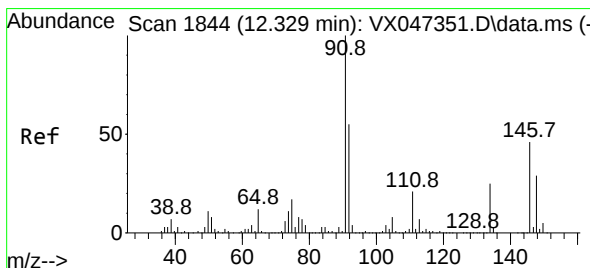
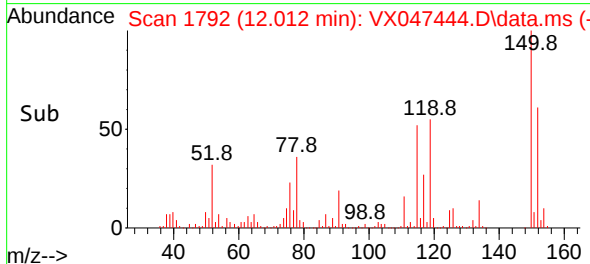
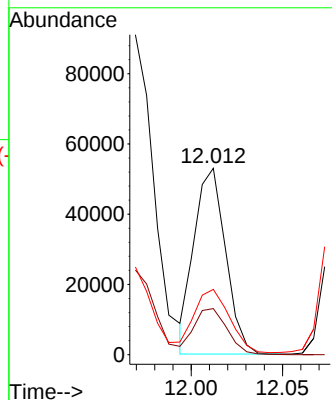
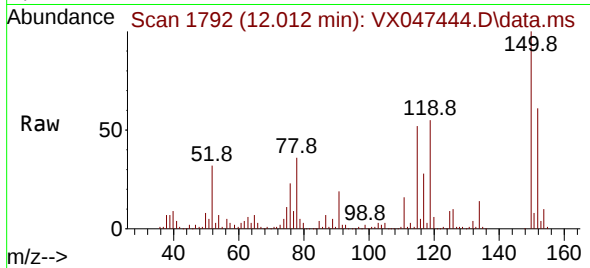




#86  
p-Isopropyltoluene  
Concen: 5.440 ug/l  
RT: 12.012 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

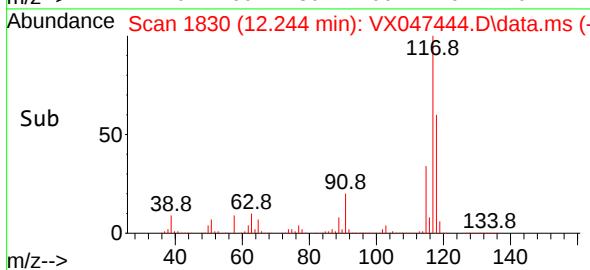
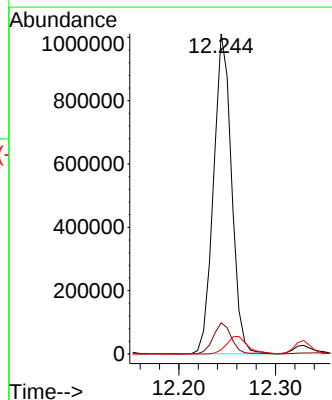
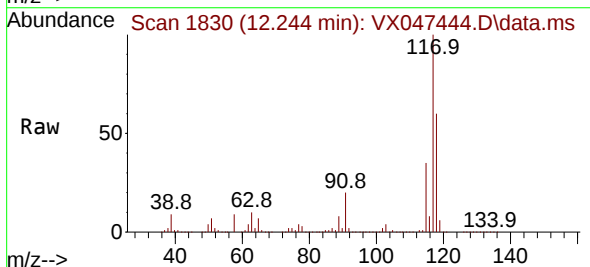
Instrument :  
MSVOA\_X  
ClientSampleId :  
MN-12C-081825

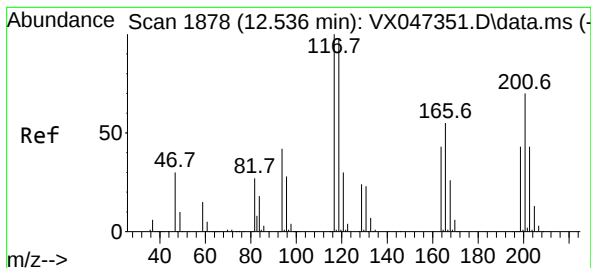
Tgt Ion:119 Resp: 63382  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.8 38.4  
91 0.0 12.4 37.4#



#89  
n-Butylbenzene  
Concen: 120.720 ug/l  
RT: 12.244 min Scan# 1830  
Delta R.T. -0.085 min  
Lab File: VX047444.D  
Acq: 20 Aug 2025 15:47

Tgt Ion: 91 Resp: 1308275  
Ion Ratio Lower Upper  
91 100  
92 9.8 27.2 81.5#  
134 6.5 12.6 37.8#





#90

Hexachloroethane

Concen: 1625.791 ug/l

RT: 12.433 min Scan# 1861

Delta R.T. -0.103 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Instrument :

MSVOA\_X

ClientSampleId :

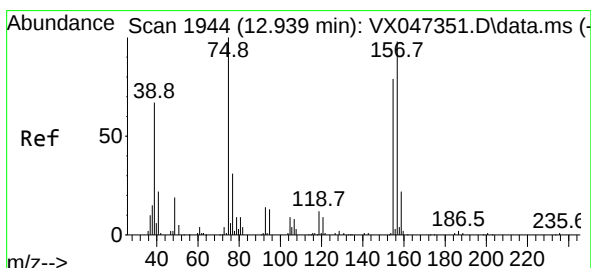
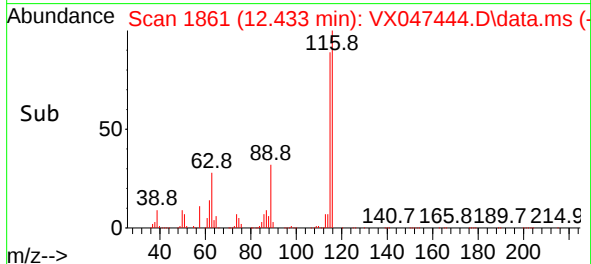
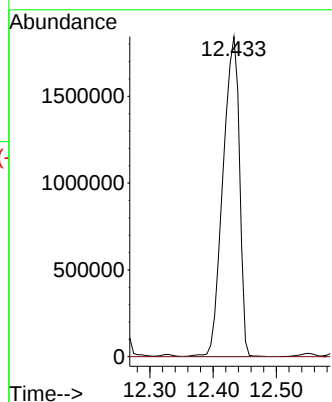
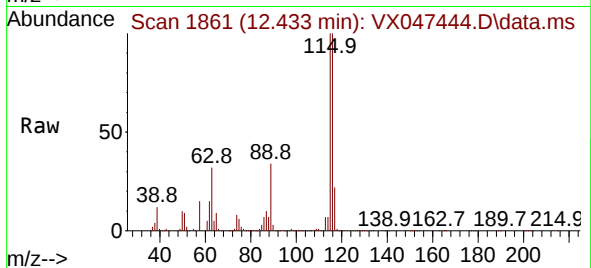
MN-12C-081825

Tgt Ion:117 Resp: 3323184

Ion Ratio Lower Upper

117 100

201 0.0 35.1 105.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.045 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX047444.D

Acq: 20 Aug 2025 15:47

Tgt Ion: 75 Resp: 803

Ion Ratio Lower Upper

75 100

155 0.0 41.3 123.7#

157 0.0 51.5 154.5#

