

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110625\  
 Data File : VN088219.D  
 Acq On : 06 Nov 2025 19:39  
 Operator : JC\MD  
 Sample : Q3536-01  
 Misc : 3.15g/10mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FILTER-COMP

Quant Time: Nov 07 02:27:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 03 01:16:06 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.200  | 168  | 216562   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.076  | 114  | 479417   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 438122   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 203885   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 217780   | 58.155   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 116.320% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 163001   | 50.610   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.220% |      |
| 50) Toluene-d8              | 10.541 | 98    | 612301   | 49.339   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.680%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 212806   | 48.555   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 97.120%  |      |

|                               |        |     |        |        |        |    |
|-------------------------------|--------|-----|--------|--------|--------|----|
| Target Compounds              |        |     |        | Qvalue |        |    |
| 3) Chloromethane              | 2.383  | 50  | 998    | 0.347  | ug/l # | 29 |
| 5) Bromomethane               | 2.977  | 94  | 495    | 0.264  | ug/l # | 12 |
| 10) Methyl Iodide             | 4.553  | 142 | 5270   | 2.238  | ug/l # | 84 |
| 11) Tert butyl alcohol        | 5.483  | 59  | 5903   | 9.150  | ug/l # | 71 |
| 13) Acrolein                  | 4.177  | 56  | 688    | 0.948  | ug/l # | 14 |
| 16) Acetone                   | 4.424  | 43  | 2171   | 1.154  | ug/l # | 85 |
| 17) Carbon Disulfide          | 4.671  | 76  | 18953  | 2.291  | ug/l   | 95 |
| 18) Methyl Acetate            | 5.018  | 43  | 14875  | 3.862  | ug/l   | 99 |
| 20) Methylene Chloride        | 5.241  | 84  | 2325   | 0.736  | ug/l # | 77 |
| 25) 2-Butanone                | 7.453  | 43  | 1278   | 0.515  | ug/l # | 50 |
| 29) Tetrahydrofuran           | 7.859  | 42  | 1101   | 0.681  | ug/l # | 43 |
| 31) Cyclohexane               | 8.194  | 56  | 13666  | 2.607  | ug/l # | 49 |
| 36) 1,1-Dichloropropene       | 8.200  | 75  | 21215  | 4.511  | ug/l # | 53 |
| 38) Carbon Tetrachloride      | 8.200  | 117 | 25066  | 5.161  | ug/l # | 17 |
| 39) Methylcyclohexane         | 9.576  | 83  | 15751  | 2.606  | ug/l   | 96 |
| 40) Benzene                   | 8.577  | 78  | 10624  | 0.742  | ug/l # | 87 |
| 48) Methyl methacrylate       | 9.576  | 41  | 11183  | 2.597  | ug/l # | 65 |
| 49) 1,4-Dioxane               | 9.729  | 88  | 60     | 1.121  | ug/l # | 51 |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43  | 1602   | 0.290  | ug/l # | 38 |
| 52) Toluene                   | 10.612 | 92  | 13898  | 1.574  | ug/l   | 99 |
| 55) 1,1,2-Trichloroethane     | 10.970 | 97  | 2744   | 0.819  | ug/l # | 20 |
| 59) 2-Hexanone                | 11.006 | 43  | 1486   | 0.406  | ug/l   | 97 |
| 67) Ethyl Benzene             | 11.947 | 91  | 9798   | 0.561  | ug/l # | 85 |
| 68) m/p-Xylenes               | 12.047 | 106 | 15457  | 2.362  | ug/l   | 94 |
| 69) o-Xylene                  | 12.376 | 106 | 6508   | 1.049  | ug/l   | 89 |
| 73) Isopropylbenzene          | 12.670 | 105 | 4138   | 0.263  | ug/l   | 80 |
| 74) N-amyl acetate            | 12.529 | 43  | 4156   | 0.931  | ug/l # | 40 |
| 76) 1,2,3-Trichloropropane    | 12.829 | 75  | 123771 | 26.552 | ug/l # | 1  |
| 78) n-propylbenzene           | 13.017 | 91  | 6440   | 0.336  | ug/l   | 93 |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105 | 19687  | 1.507  | ug/l   | 94 |
| 81) trans-1,4-Dichloro-2-b... | 12.829 | 75  | 123771 | 74.068 | ug/l # | 1  |
| 83) tert-Butylbenzene         | 13.423 | 119 | 3348   | 0.287  | ug/l   | 86 |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105 | 35852  | 2.744  | ug/l   | 97 |
| 85) sec-Butylbenzene          | 13.594 | 105 | 8959   | 0.523  | ug/l   | 90 |
| 86) p-Isopropyltoluene        | 13.711 | 119 | 8126   | 0.591  | ug/l   | 85 |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146 | 1760   | 0.242  | ug/l # | 1  |

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Sample : Q3536-01  
Misc : 3.15g/10mL/100uL/5.0mL/MSVOA\_N/MEOH  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

Quant Time: Nov 07 02:27:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 03 01:16:06 2025  
Response via : Initial Calibration

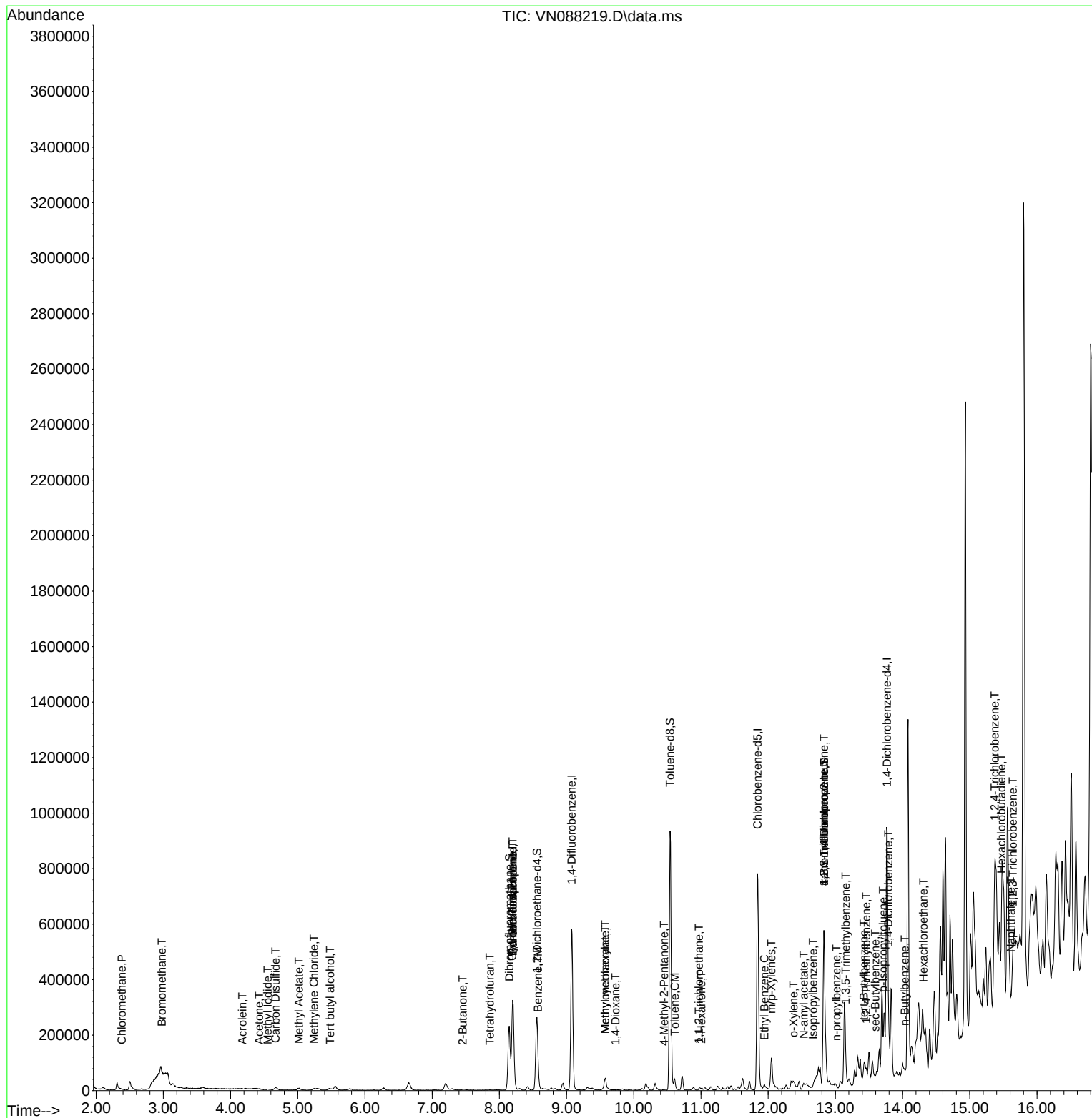
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 89) n-Butylbenzene         | 14.035 | 91   | 9536     | 0.700 | ug/l # | 68       |
| 90) Hexachloroethane       | 14.311 | 117  | 3153     | 1.184 | ug/l # | 51       |
| 93) 1,2,4-Trichlorobenzene | 15.370 | 180  | 4954     | 1.254 | ug/l # | 1        |
| 94) Hexachlorobutadiene    | 15.470 | 225  | 2761     | 1.876 | ug/l   | 99       |
| 95) Naphthalene            | 15.611 | 128  | 32198    | 2.378 | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene | 15.641 | 180  | 2224     | 0.587 | ug/l   | 74       |

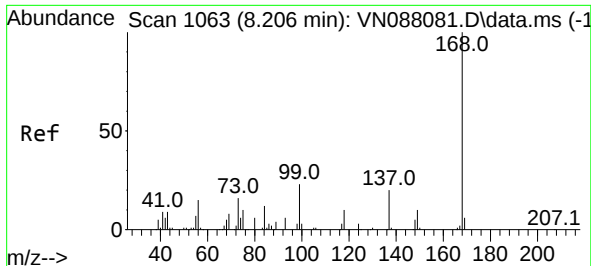
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 03 01:16:06 2025  
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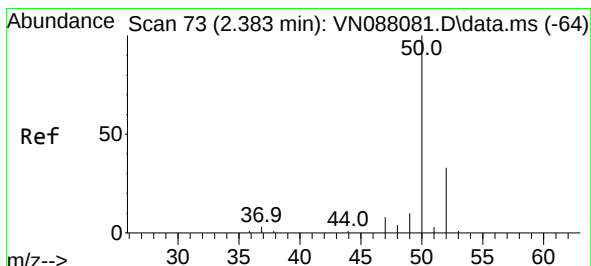
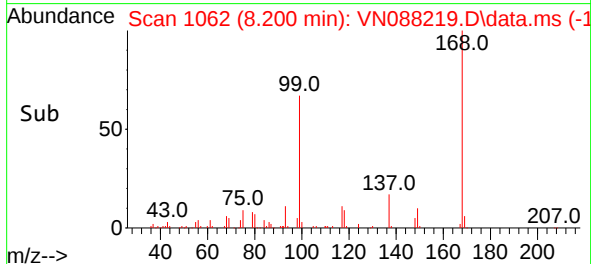
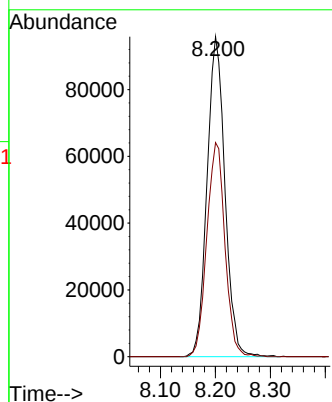
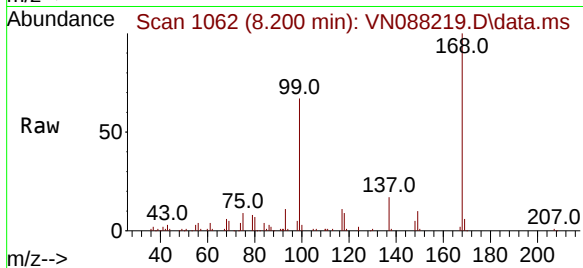




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.200 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

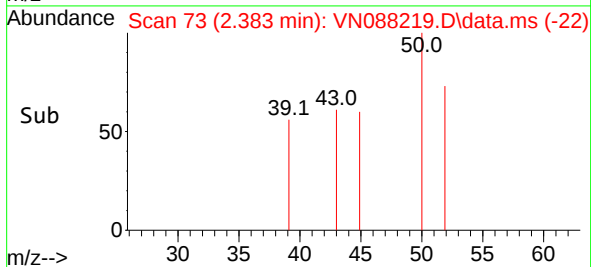
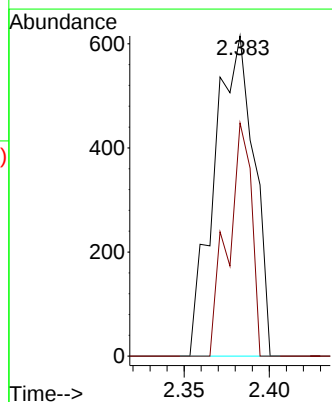
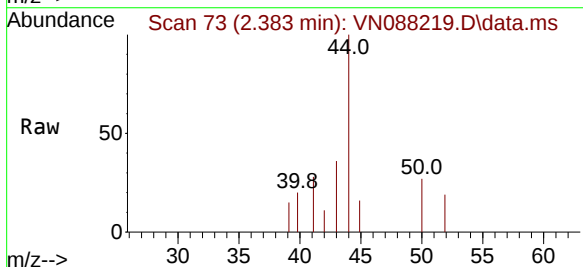
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

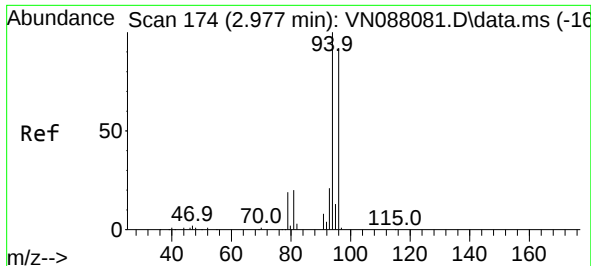
Tgt Ion:168 Resp: 216562  
Ion Ratio Lower Upper  
168 100  
99 66.9 57.2 85.8



#3  
Chloromethane  
Concen: 0.347 ug/l  
RT: 2.383 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 50 Resp: 998  
Ion Ratio Lower Upper  
50 100  
52 72.8 26.2 39.4#

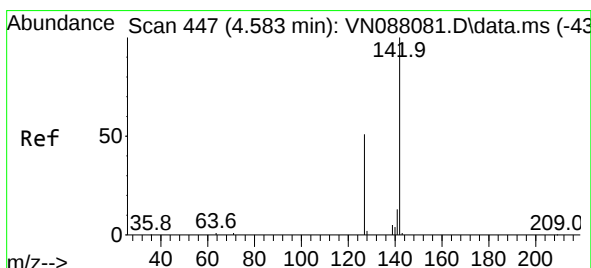
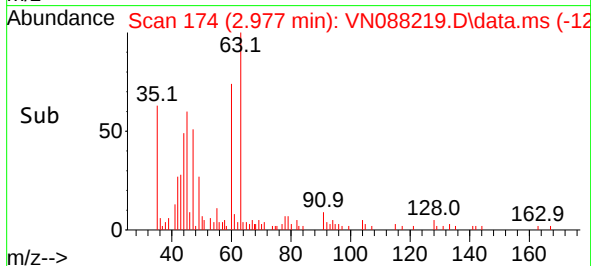
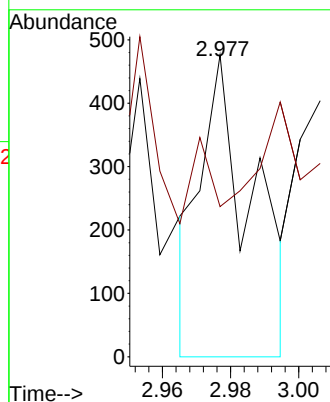
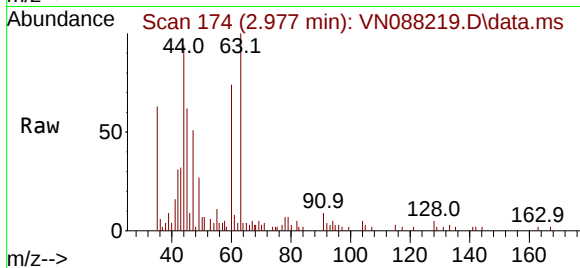




#5  
Bromomethane  
Concen: 0.264 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

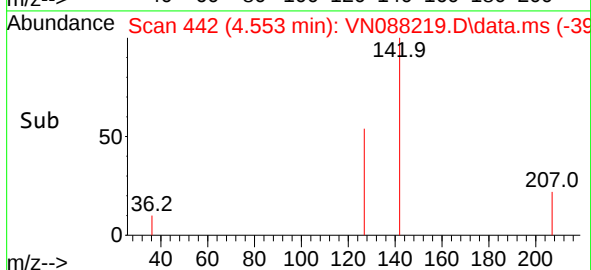
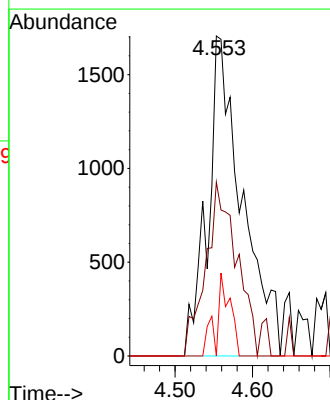
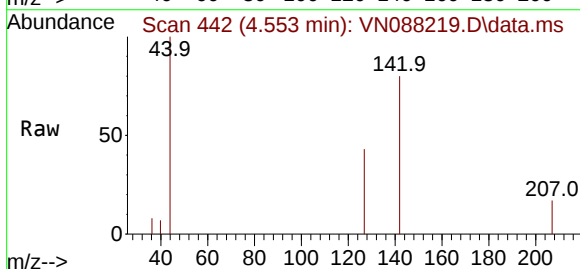
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

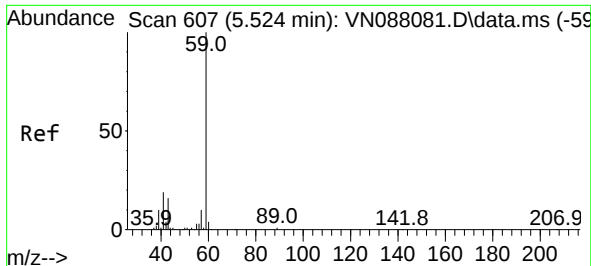
Tgt Ion: 94 Resp: 495  
Ion Ratio Lower Upper  
94 100  
96 9.2 75.4 113.2#



#10  
Methyl Iodide  
Concen: 2.238 ug/l  
RT: 4.553 min Scan# 442  
Delta R.T. -0.024 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion:142 Resp: 5270  
Ion Ratio Lower Upper  
142 100  
127 54.3 38.0 57.0  
141 0.0 12.0 18.0#

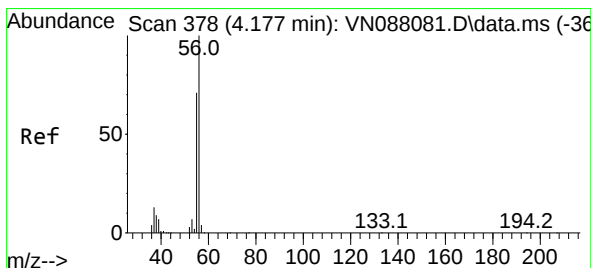
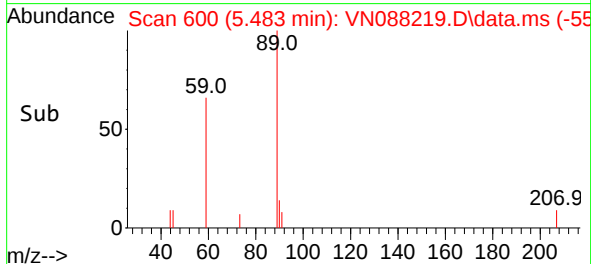
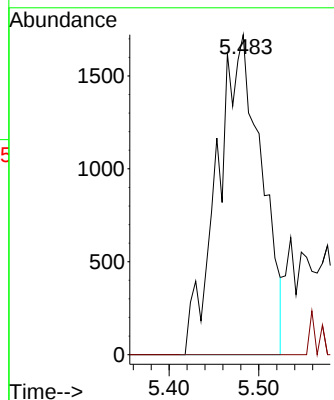
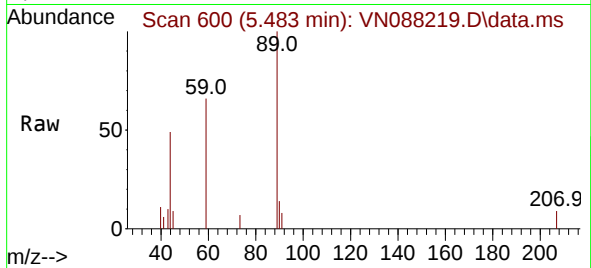




#11  
Tert butyl alcohol  
Concen: 9.150 ug/l  
RT: 5.483 min Scan# 607  
Delta R.T. -0.035 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

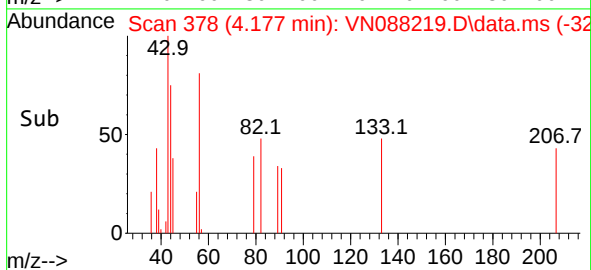
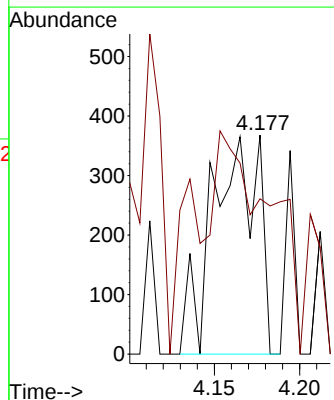
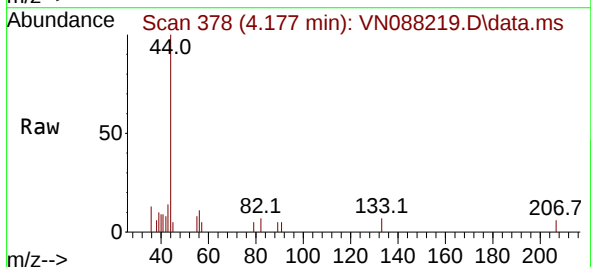
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

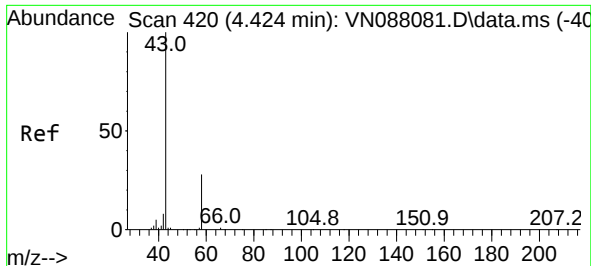
Tgt Ion: 59 Resp: 5903  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.0 13.4#



#13  
Acrolein  
Concen: 0.948 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 56 Resp: 688  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.3 85.9#

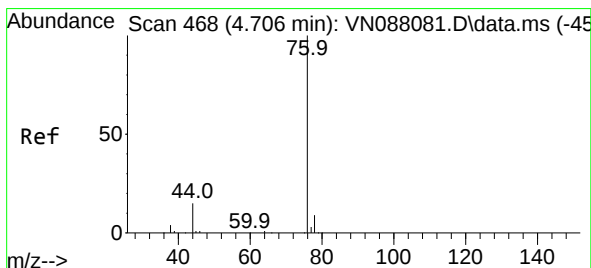
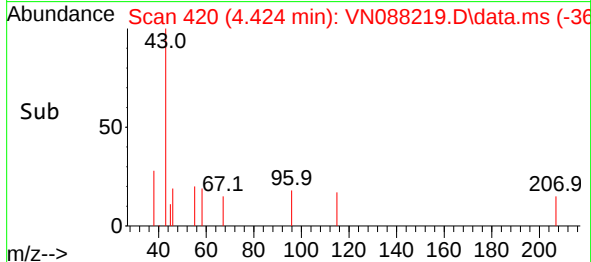
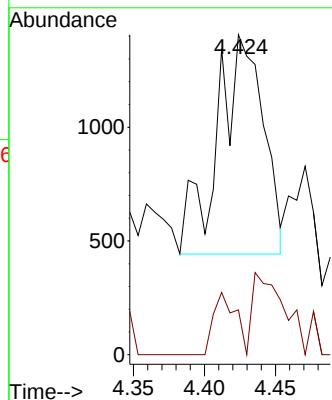
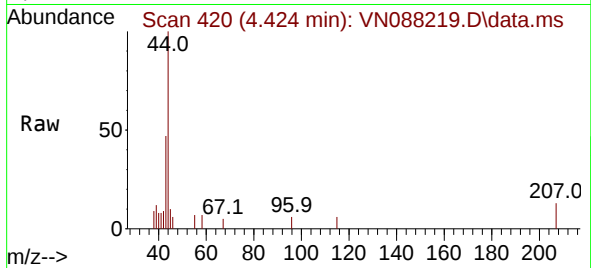




#16  
Acetone  
Concen: 1.154 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

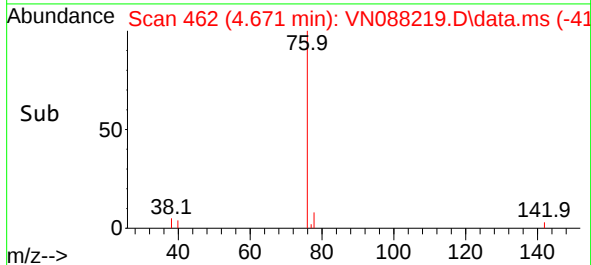
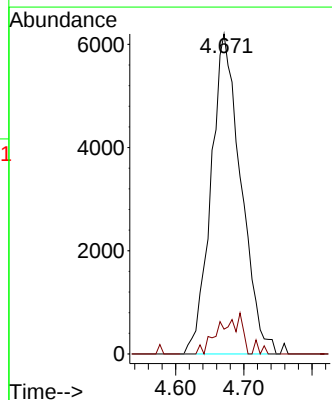
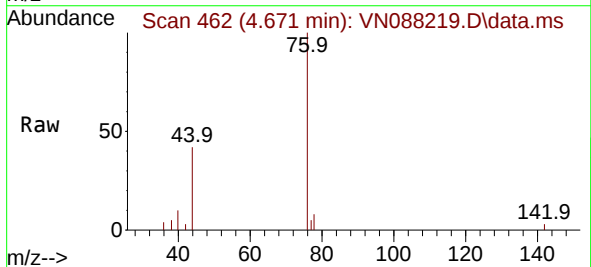
Instrument :  
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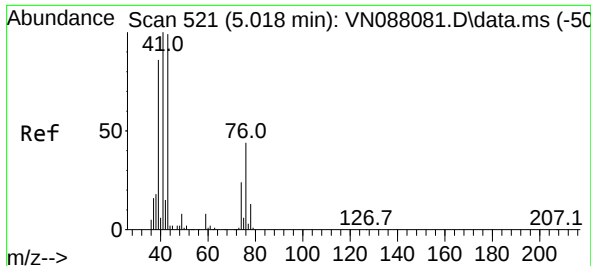
Tgt Ion: 43 Resp: 2171  
Ion Ratio Lower Upper  
43 100  
58 20.4 22.6 33.8#



#17  
Carbon Disulfide  
Concen: 2.291 ug/l  
RT: 4.671 min Scan# 462  
Delta R.T. -0.030 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 76 Resp: 18953  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.6 11.4

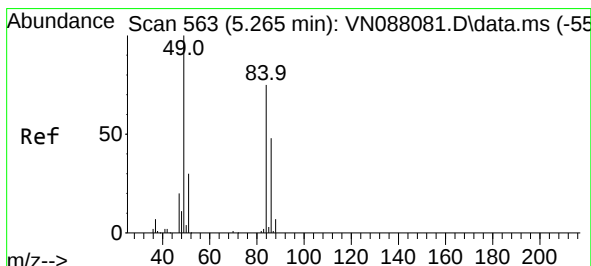
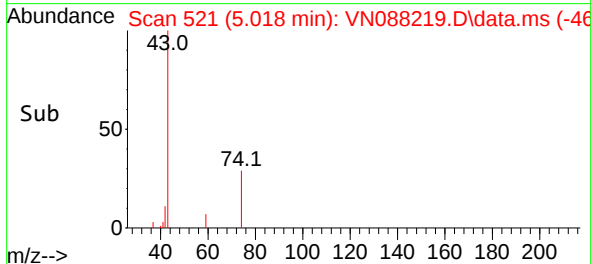
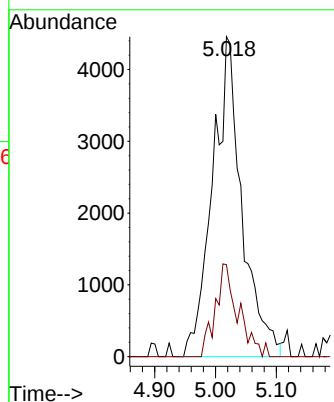
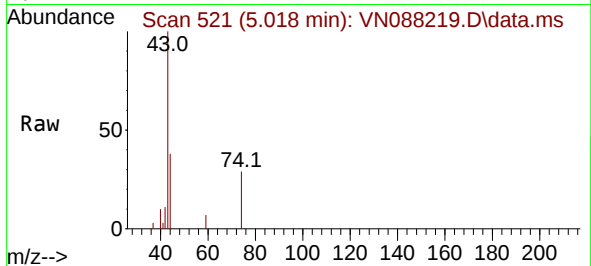




#18  
Methyl Acetate  
Concen: 3.862 ug/l  
RT: 5.018 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

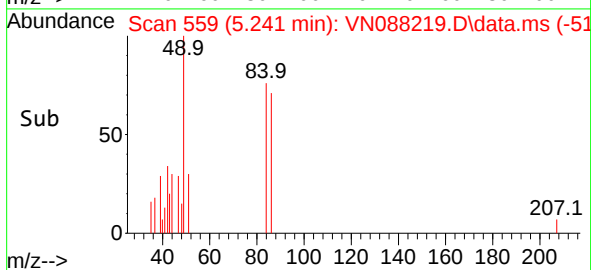
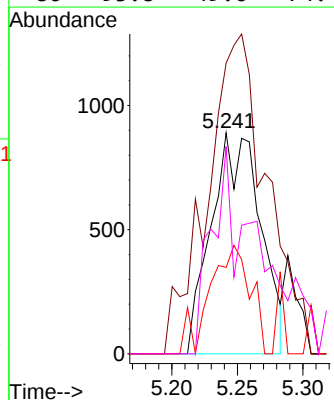
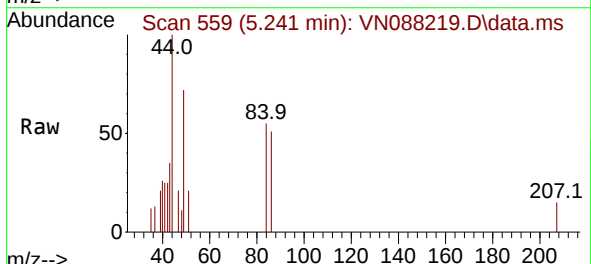
Instrument :  
MSVOA\_N  
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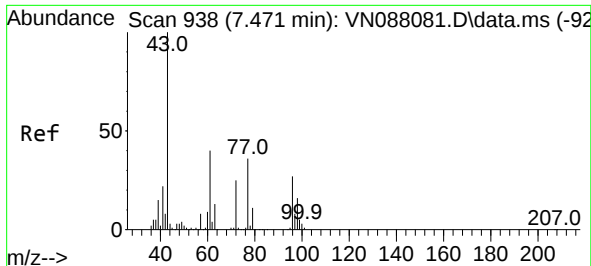
Tgt Ion: 43 Resp: 14875  
Ion Ratio Lower Upper  
43 100  
74 22.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 0.736 ug/l  
RT: 5.241 min Scan# 559  
Delta R.T. -0.024 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 84 Resp: 2325  
Ion Ratio Lower Upper  
84 100  
49 105.7 103.4 155.2  
51 39.1 33.8 50.8  
86 93.8 49.6 74.4#

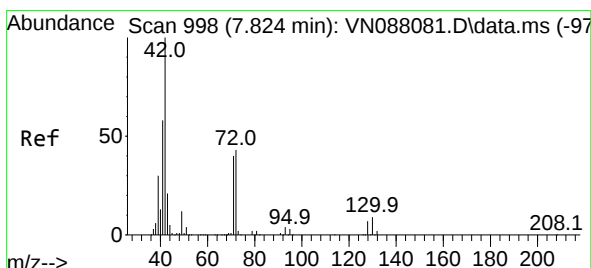
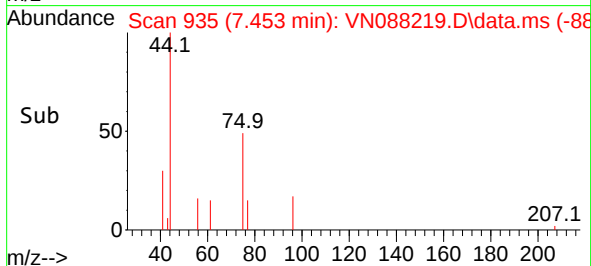
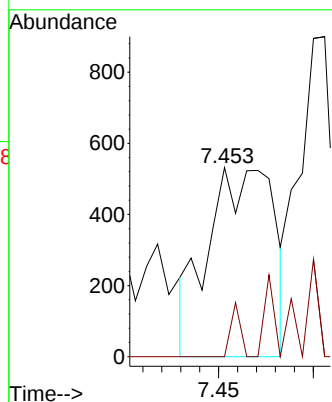
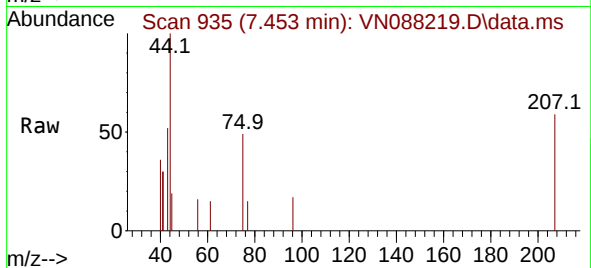




#25  
2-Butanone  
Concen: 0.515 ug/l  
RT: 7.453 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

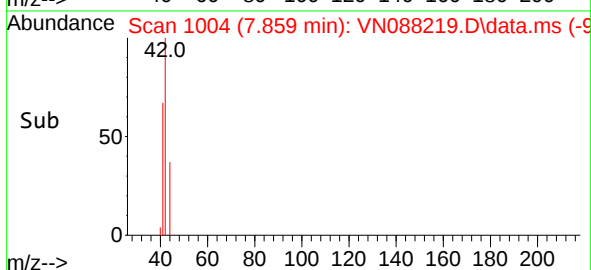
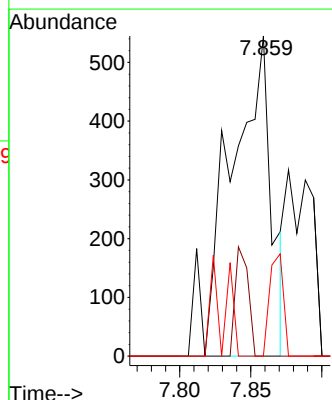
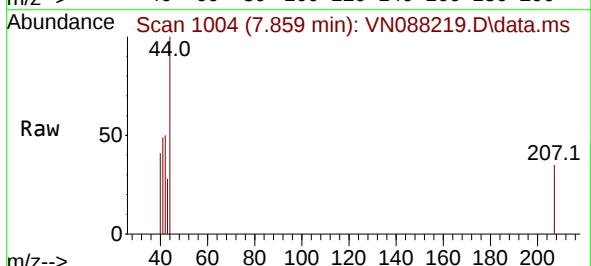
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

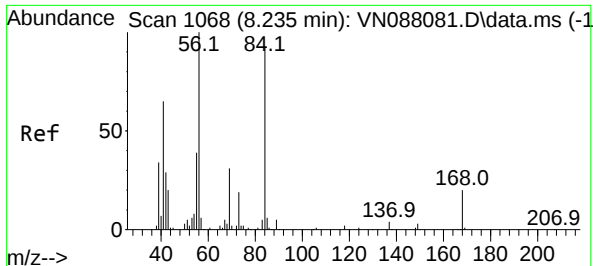
Tgt Ion: 43 Resp: 1278  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.9 29.9#



#29  
Tetrahydrofuran  
Concen: 0.681 ug/l  
RT: 7.859 min Scan# 1004  
Delta R.T. 0.035 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 42 Resp: 1101  
Ion Ratio Lower Upper  
42 100  
72 10.8 33.7 50.5#  
71 0.0 31.9 47.9#

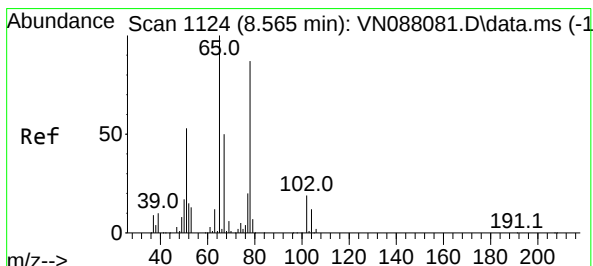
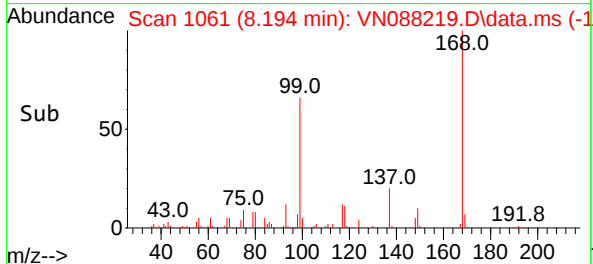
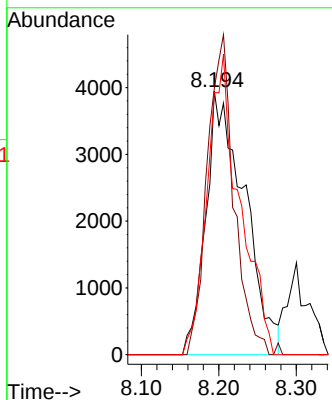
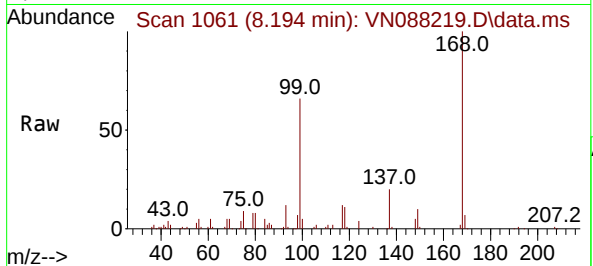




#31  
Cyclohexane  
Concen: 2.607 ug/l  
RT: 8.194 min Scan# 1061  
Delta R.T. -0.041 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

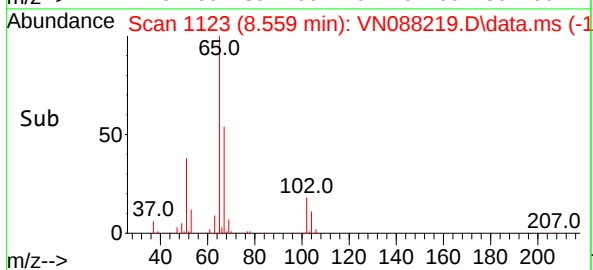
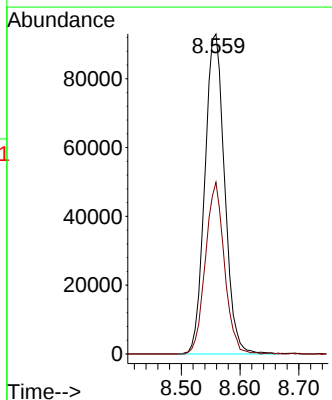
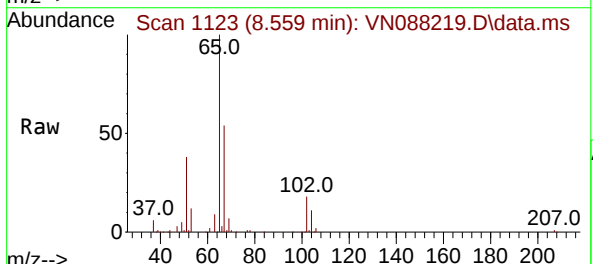
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

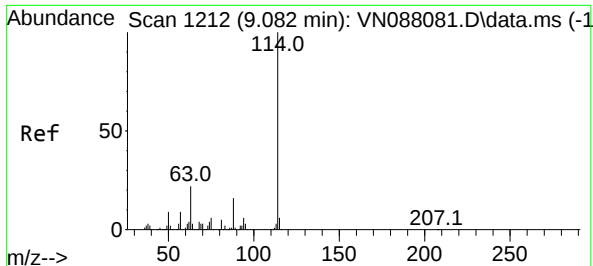
Tgt Ion: 56 Resp: 13666  
Ion Ratio Lower Upper  
56 100  
69 101.3 23.7 35.5#  
84 99.5 64.7 97.1#



#33  
1,2-Dichloroethane-d4  
Concen: 58.155 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 65 Resp: 217780  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.076 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

FILTER-COMP

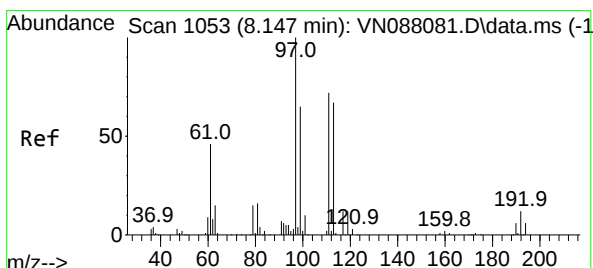
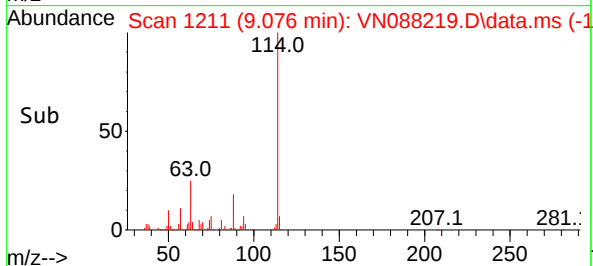
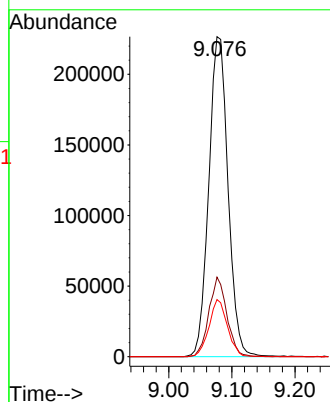
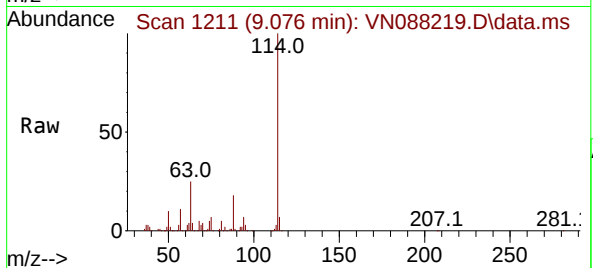
Tgt Ion:114 Resp: 479417

Ion Ratio Lower Upper

114 100

63 24.9 0.0 45.2

88 17.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

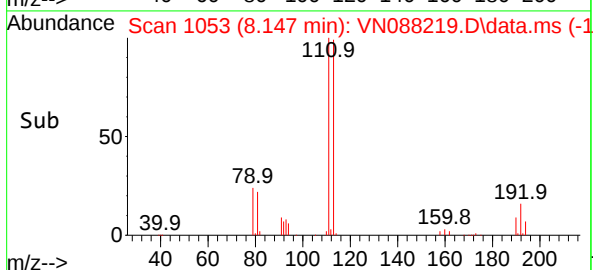
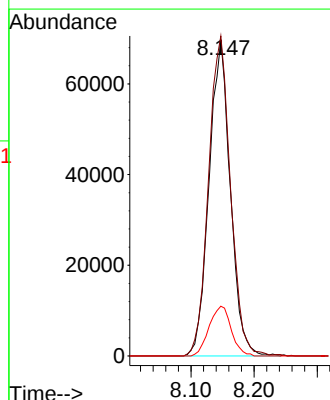
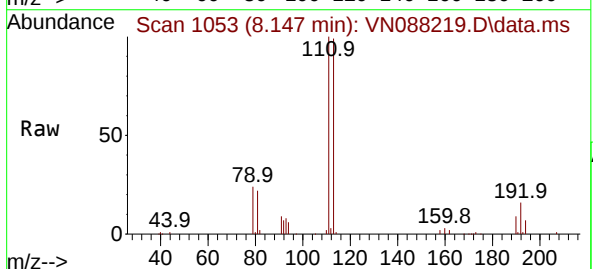
Tgt Ion:113 Resp: 163001

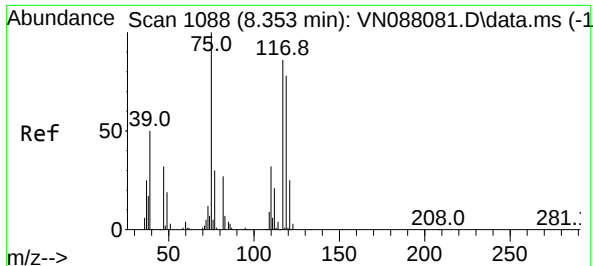
Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 16.4 12.8 19.2

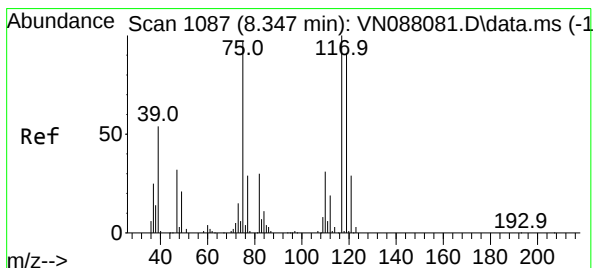
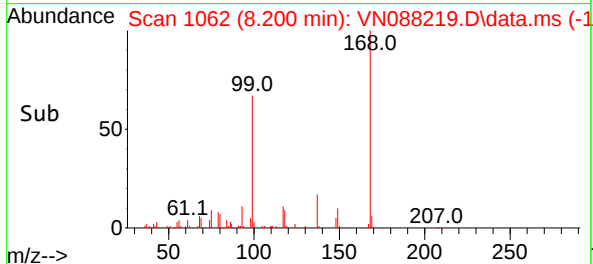
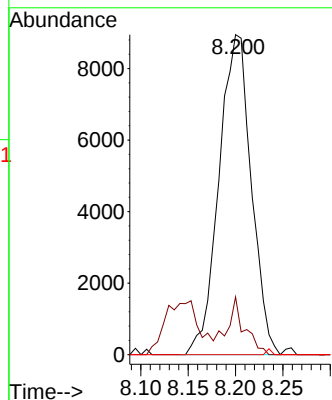
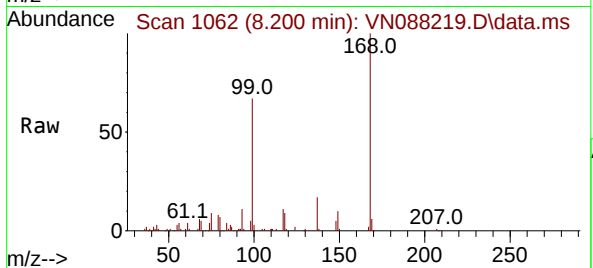




#36  
1,1-Dichloropropene  
Concen: 4.511 ug/l  
RT: 8.200 min Scan# 1062  
Delta R.T. -0.153 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

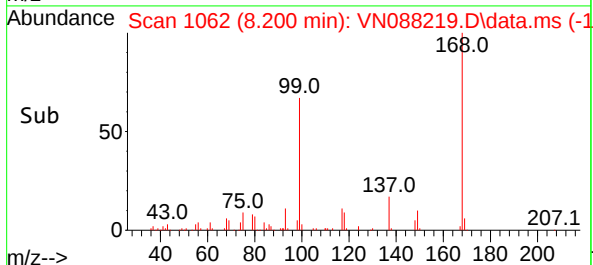
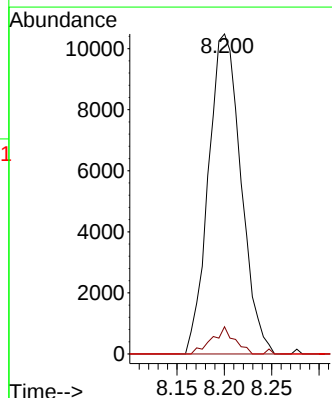
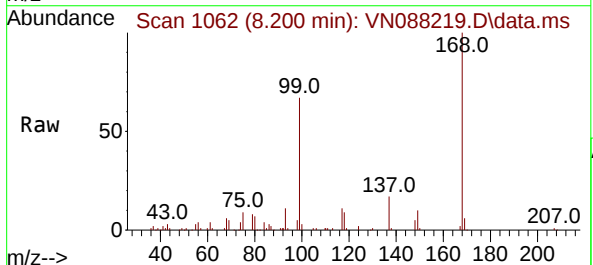
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

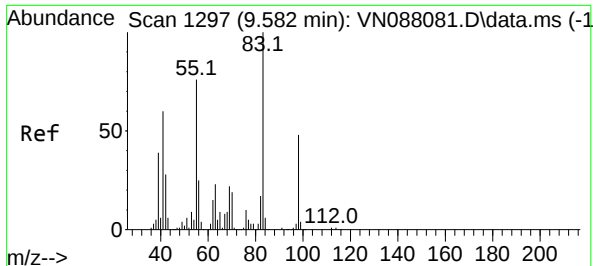
Tgt Ion: 75 Resp: 21215  
Ion Ratio Lower Upper  
75 100  
110 9.8 15.9 47.6#  
77 0.0 24.4 36.6#



#38  
Carbon Tetrachloride  
Concen: 5.161 ug/l  
RT: 8.200 min Scan# 1062  
Delta R.T. -0.141 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 117 Resp: 25066  
Ion Ratio Lower Upper  
117 100  
119 8.5 79.0 118.6#  
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 2.606 ug/l

RT: 9.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

FILTER-COMP

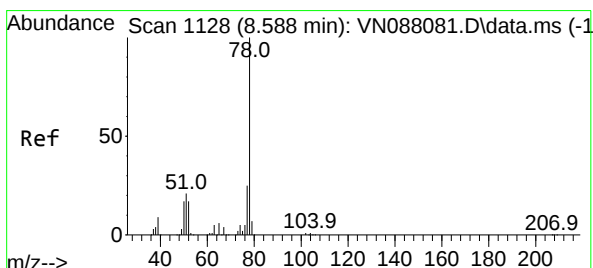
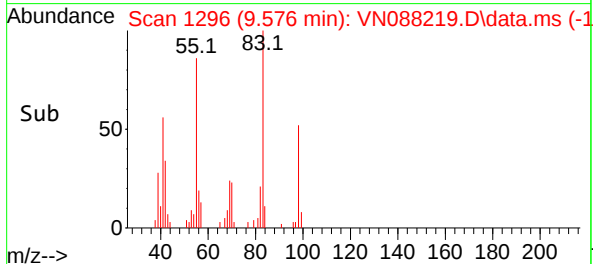
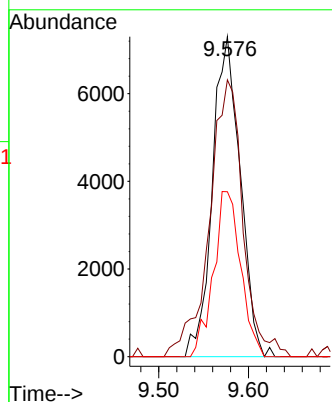
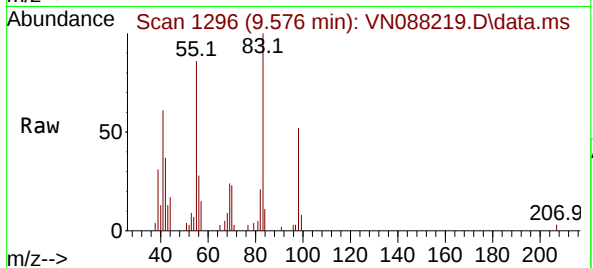
Tgt Ion: 83 Resp: 15751

Ion Ratio Lower Upper

83 100

55 84.2 64.6 96.8

98 51.6 38.4 57.6



#40

Benzene

Concen: 0.742 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VN088219.D

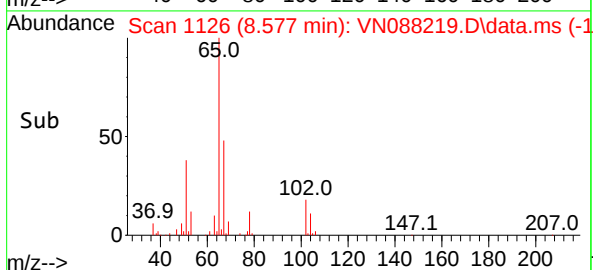
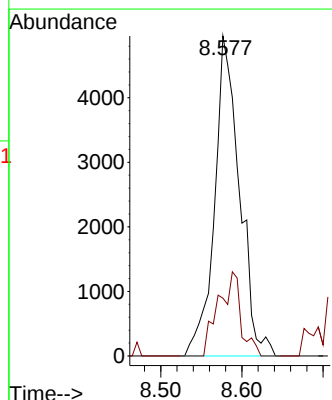
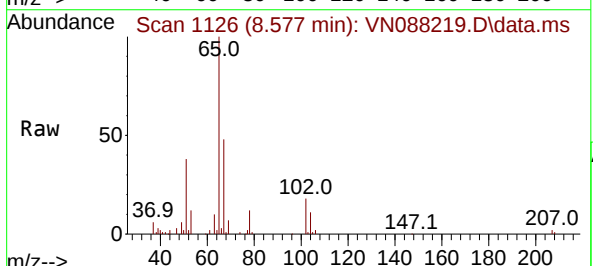
Acq: 06 Nov 2025 19:39

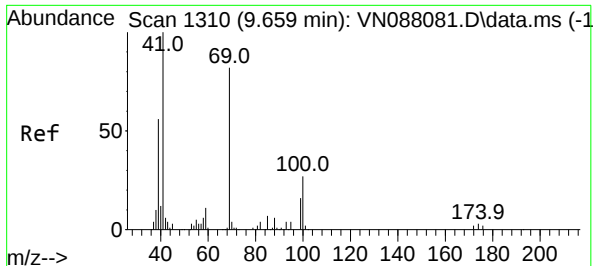
Tgt Ion: 78 Resp: 10624

Ion Ratio Lower Upper

78 100

77 18.0 19.7 29.5#





#48

Methyl methacrylate

Concen: 2.597 ug/l

RT: 9.576 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

FILTER-COMP

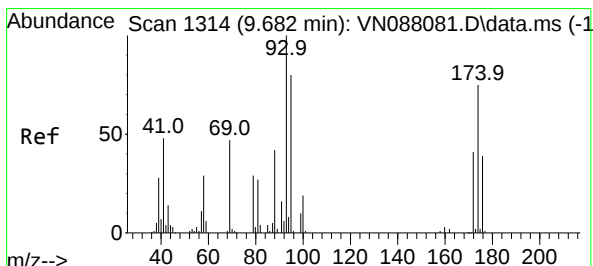
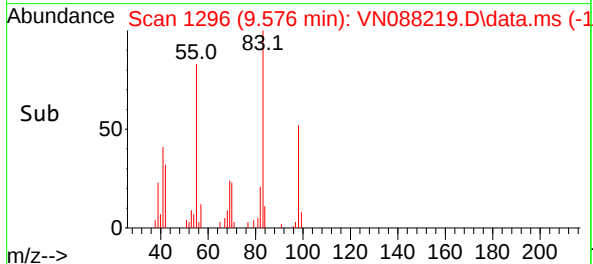
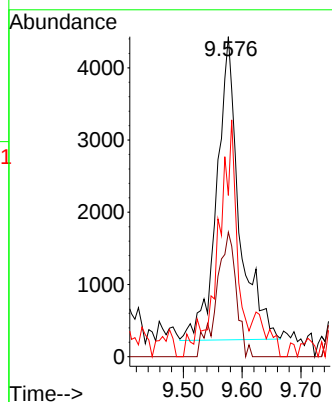
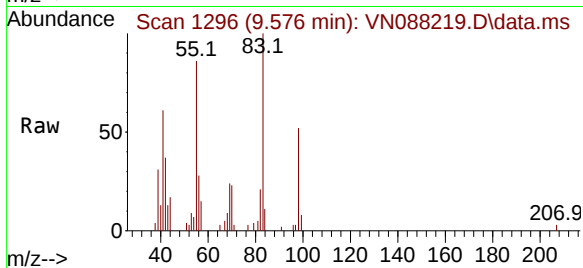
Tgt Ion: 41 Resp: 11183

Ion Ratio Lower Upper

41 100

69 35.8 62.7 94.1#

39 51.7 52.9 79.3#



#49

1,4-Dioxane

Concen: 1.121 ug/l

RT: 9.729 min Scan# 1322

Delta R.T. 0.047 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

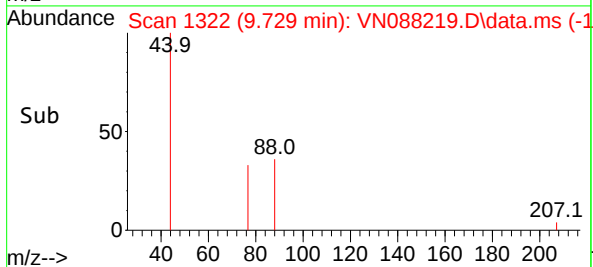
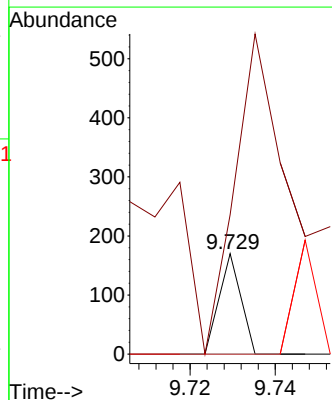
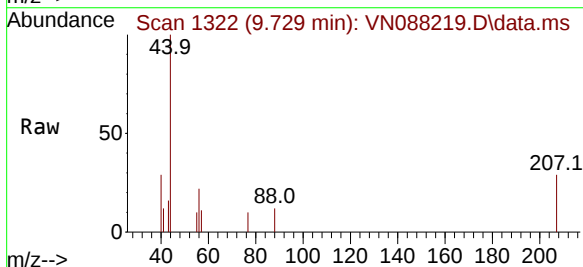
Tgt Ion: 88 Resp: 60

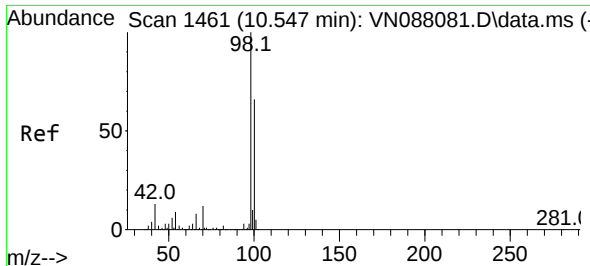
Ion Ratio Lower Upper

88 100

43 893.3 0.0 0.0#

58 113.3 57.9 86.9#

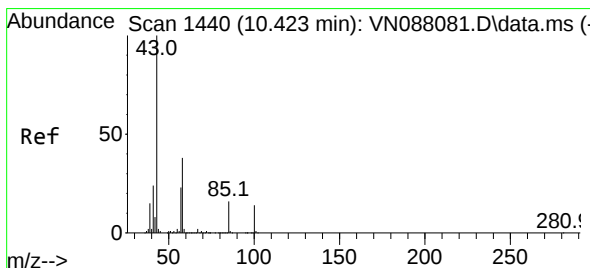
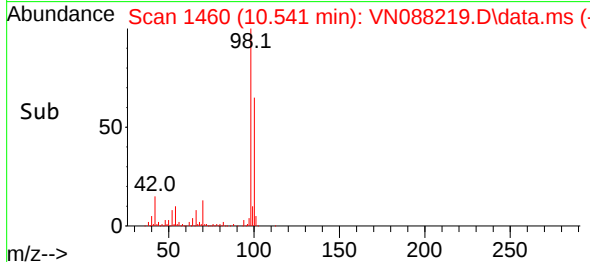
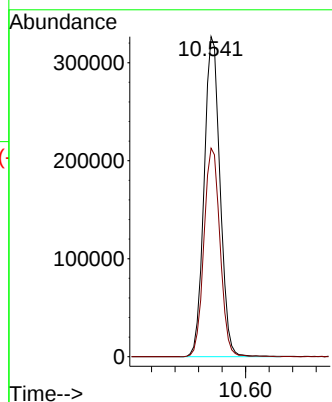
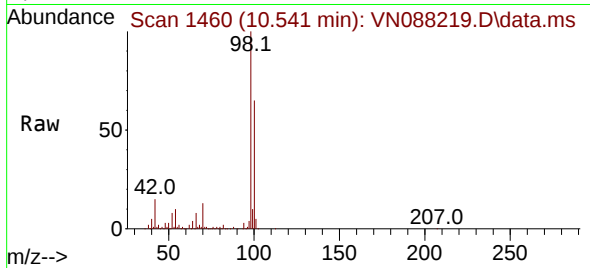




#50  
Toluene-d8  
Concen: 49.339 ug/l  
RT: 10.541 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

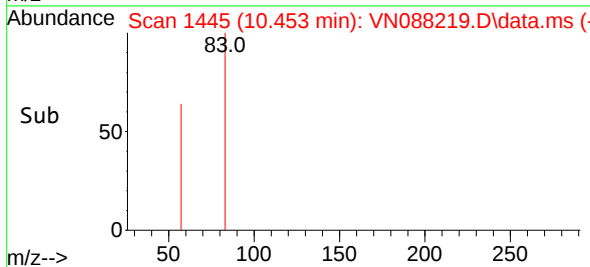
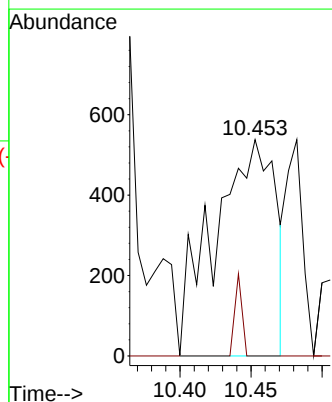
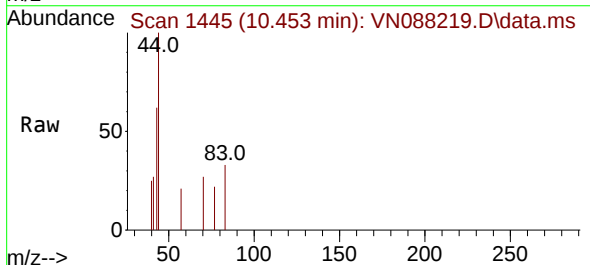
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

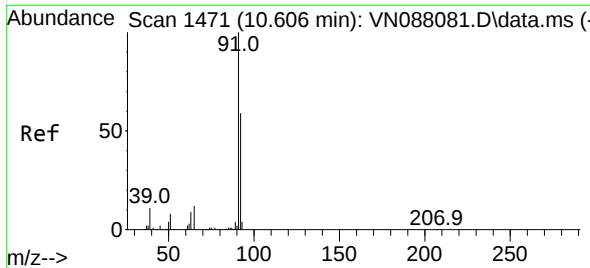
Tgt Ion: 98 Resp: 612301  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.8 79.2



#51  
4-Methyl-2-Pentanone  
Concen: 0.290 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.029 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 43 Resp: 1602  
Ion Ratio Lower Upper  
43 100  
58 0.0 29.6 44.4#





#52

Toluene

Concen: 1.574 ug/l

RT: 10.612 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

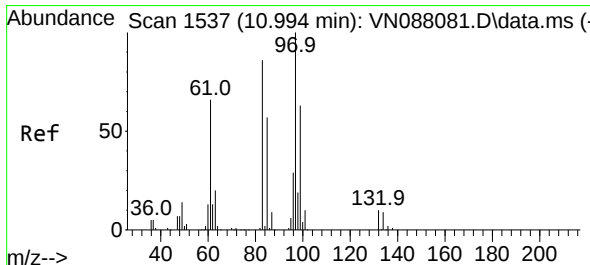
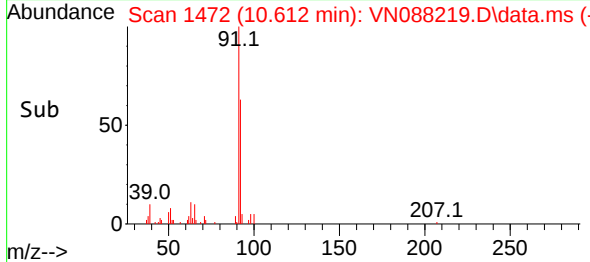
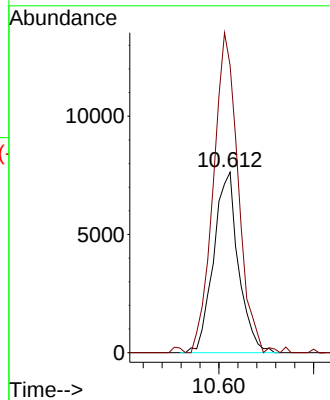
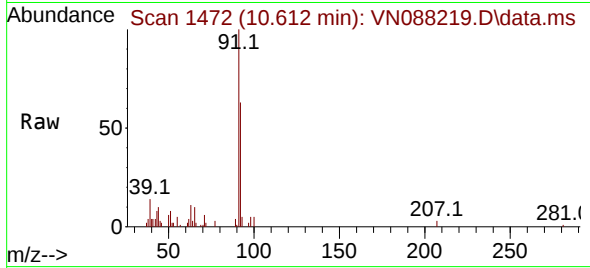
FILTER-COMP

Tgt Ion: 92 Resp: 13898

Ion Ratio Lower Upper

92 100

91 177.1 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 0.819 ug/l

RT: 10.970 min Scan# 1533

Delta R.T. -0.024 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Tgt Ion: 97 Resp: 2744

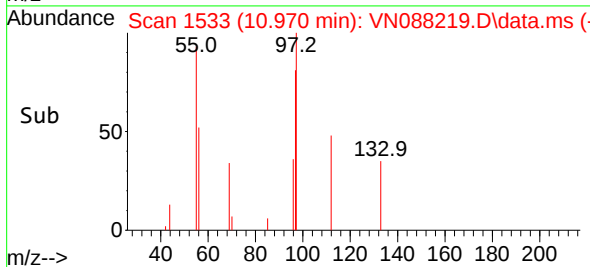
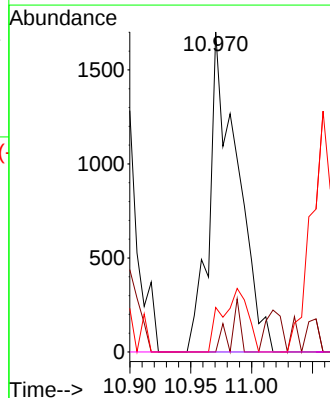
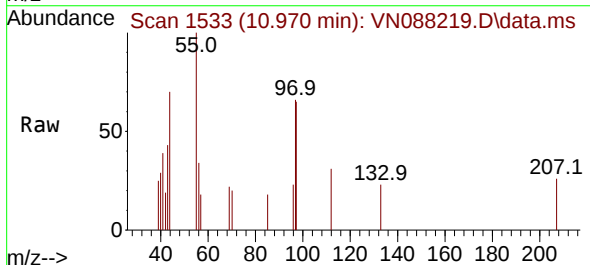
Ion Ratio Lower Upper

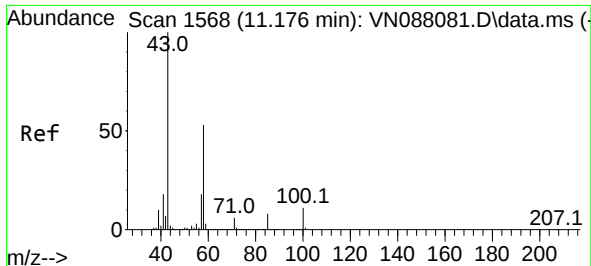
97 100

83 0.0 68.2 102.4#

85 13.9 45.5 68.3#

99 0.0 52.2 78.4#

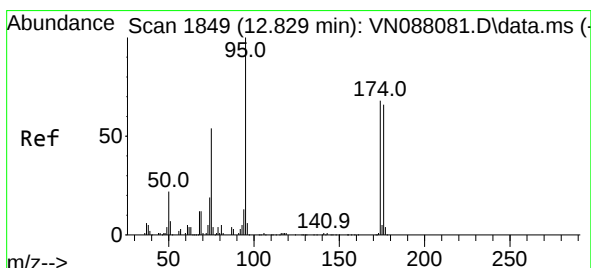
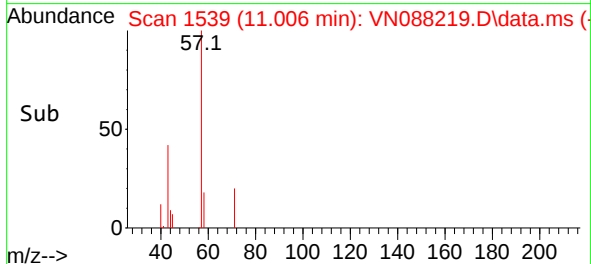
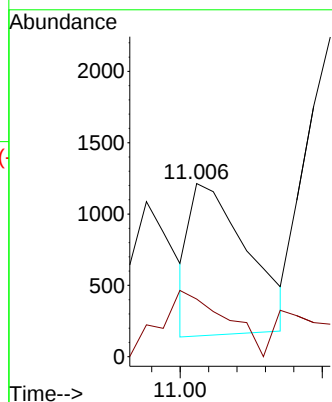
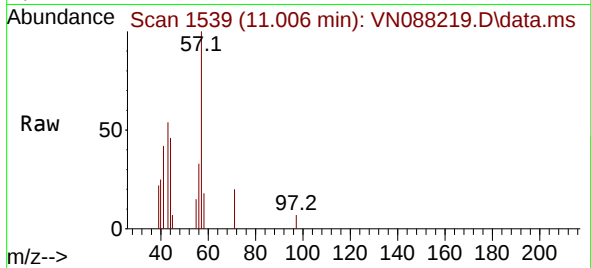




#59  
2-Hexanone  
Concen: 0.406 ug/l  
RT: 11.006 min Scan# 1539  
Delta R.T. -0.171 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

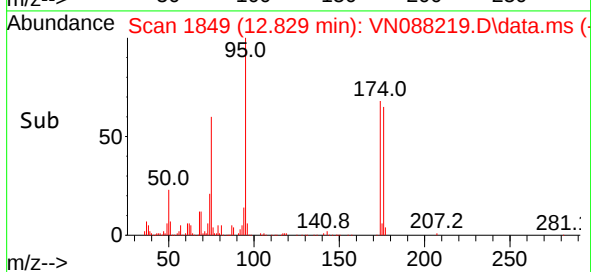
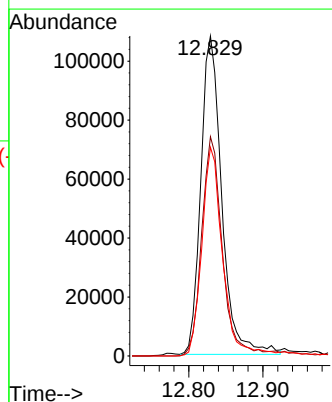
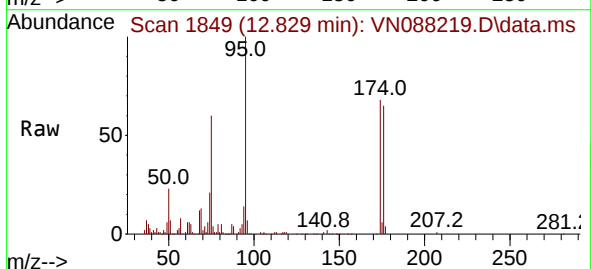
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

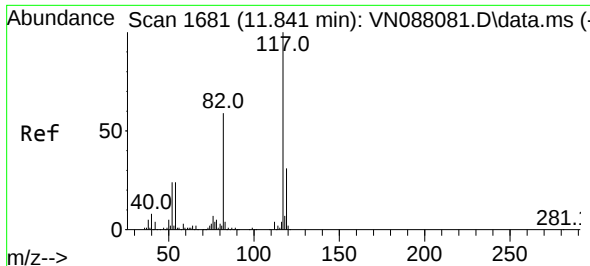
Tgt Ion: 43 Resp: 1486  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.9 77.8



#62  
4-Bromofluorobenzene  
Concen: 48.555 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 95 Resp: 212806  
Ion Ratio Lower Upper  
95 100  
174 67.3 0.0 138.4  
176 64.5 0.0 132.6

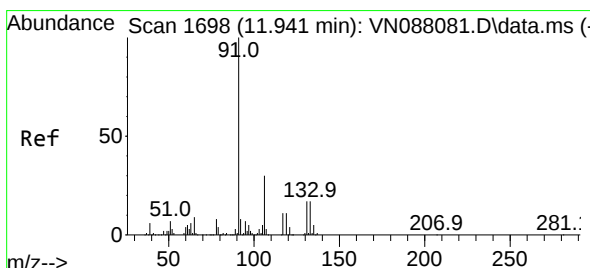
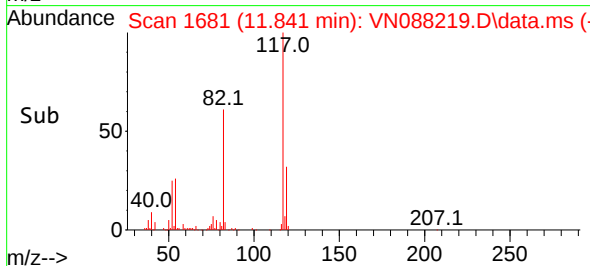
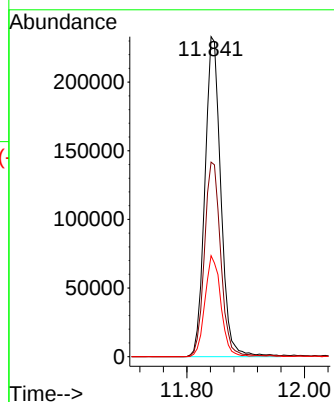
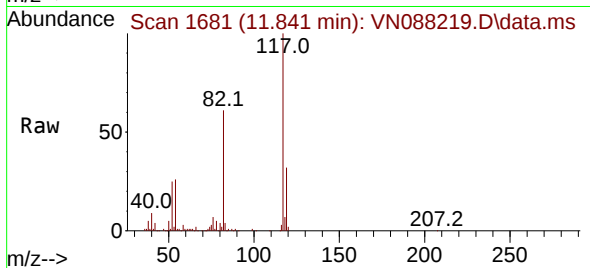




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

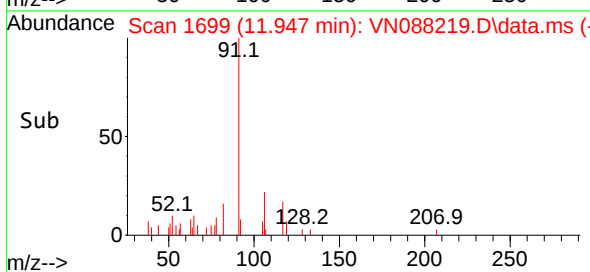
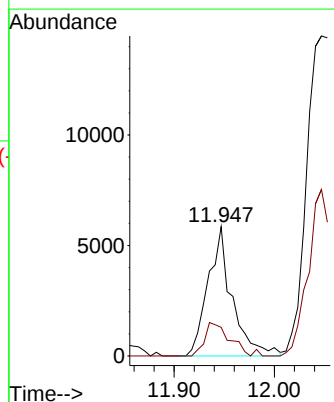
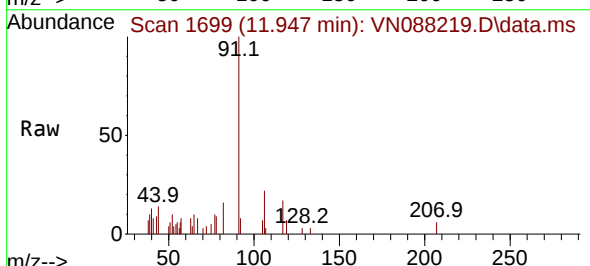
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

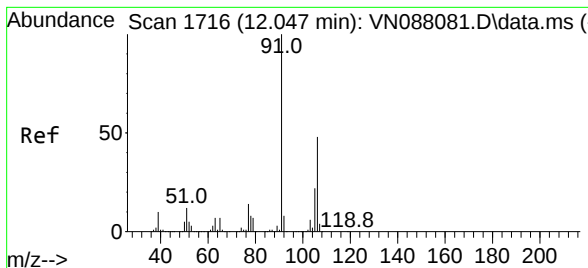
Tgt Ion:117 Resp: 438122  
Ion Ratio Lower Upper  
117 100  
82 60.8 47.4 71.2  
119 31.5 24.3 36.5



#67  
Ethyl Benzene  
Concen: 0.561 ug/l  
RT: 11.947 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion: 91 Resp: 9798  
Ion Ratio Lower Upper  
91 100  
106 22.2 24.1 36.1#

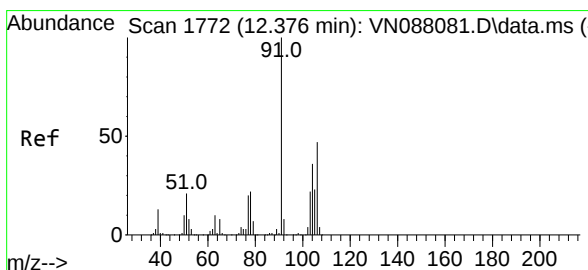
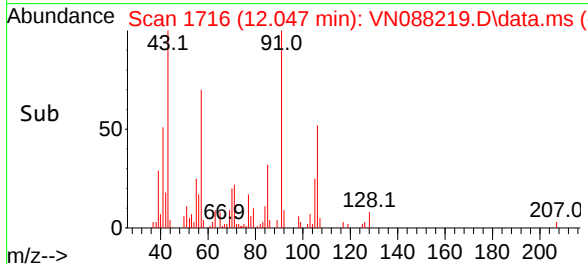
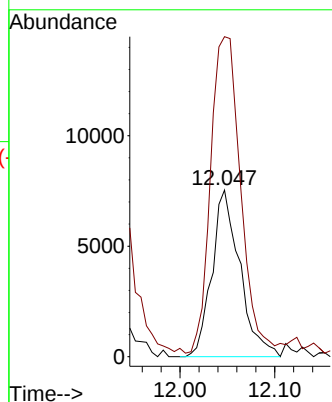
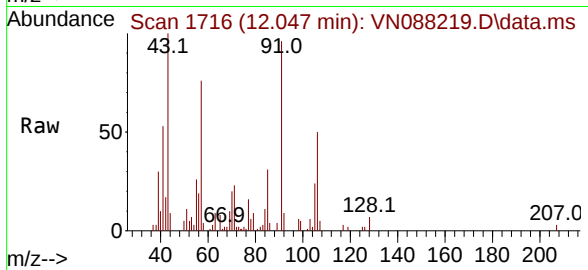




#68  
m/p-Xylenes  
Concen: 2.362 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

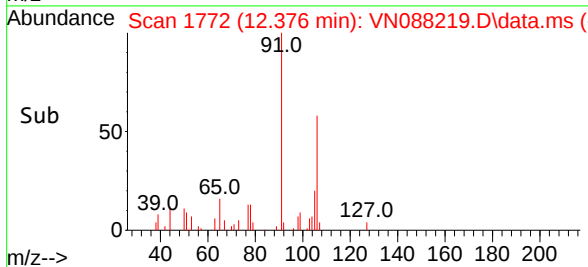
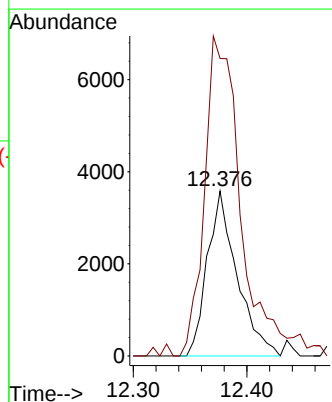
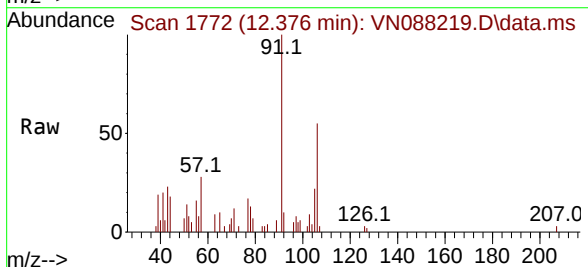
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

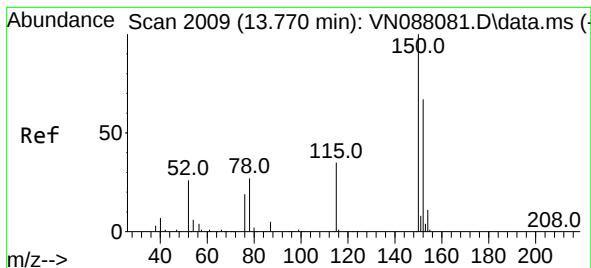
Tgt Ion:106 Resp: 15457  
Ion Ratio Lower Upper  
106 100  
91 203.0 169.3 253.9



#69  
o-Xylene  
Concen: 1.049 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion:106 Resp: 6508  
Ion Ratio Lower Upper  
106 100  
91 240.1 111.4 334.2

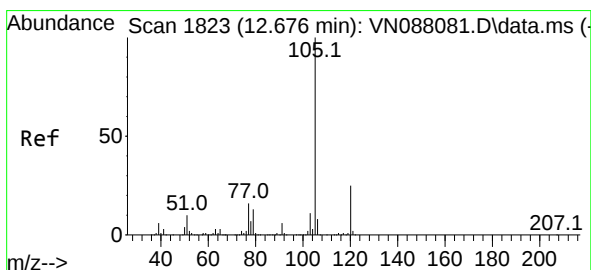
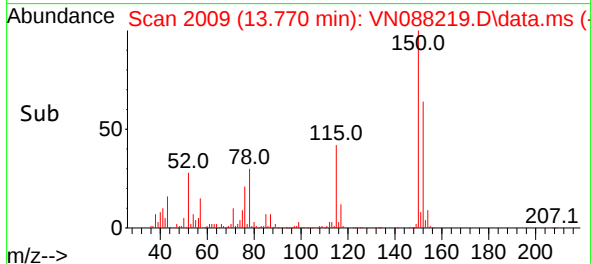
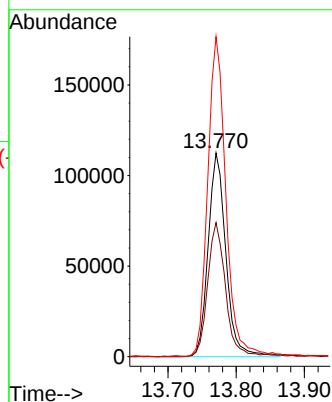
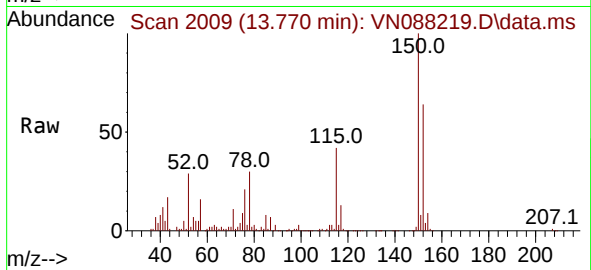




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

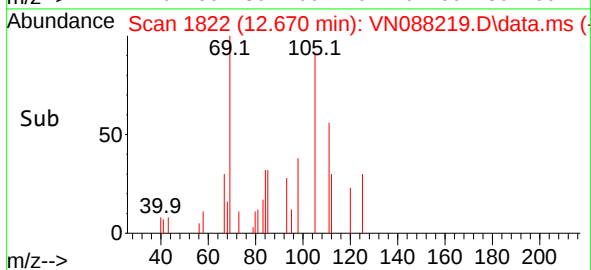
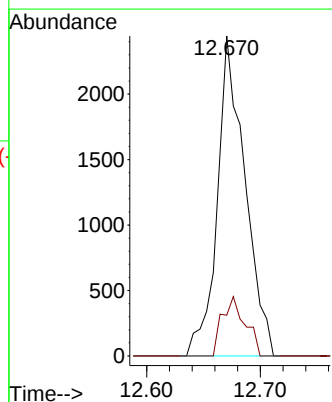
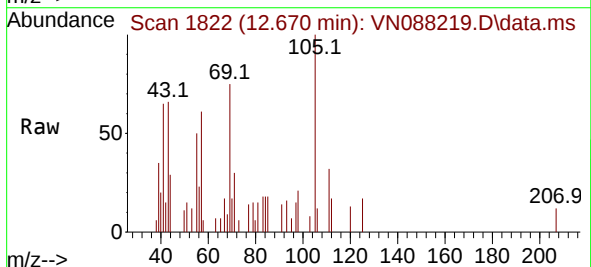
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

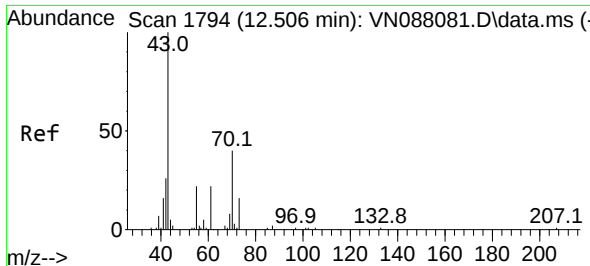
Tgt Ion:152 Resp: 203885  
Ion Ratio Lower Upper  
152 100  
115 65.9 32.3 96.8  
150 161.3 0.0 351.0



#73  
Isopropylbenzene  
Concen: 0.263 ug/l  
RT: 12.670 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion:105 Resp: 4138  
Ion Ratio Lower Upper  
105 100  
120 15.4 12.8 38.3

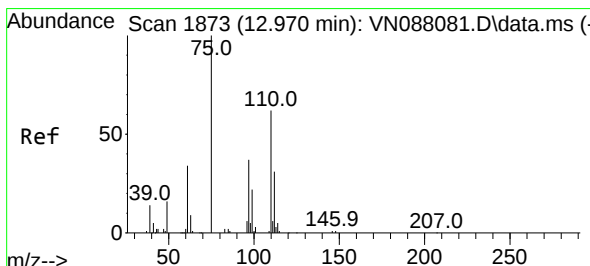
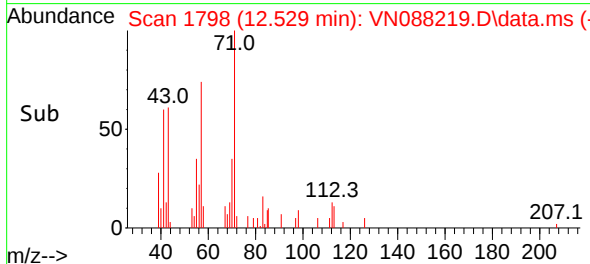
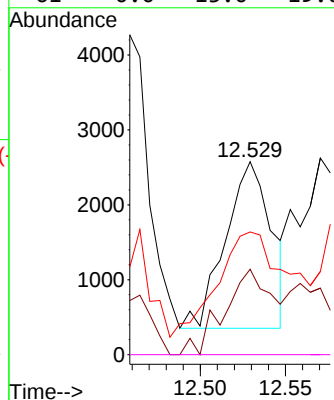
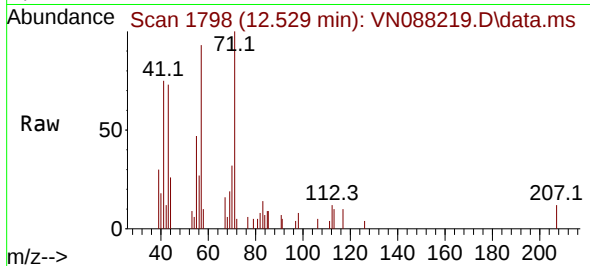




#74  
N-amy1 acetate  
Concen: 0.931 ug/l  
RT: 12.529 min Scan# 1  
Delta R.T. 0.029 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

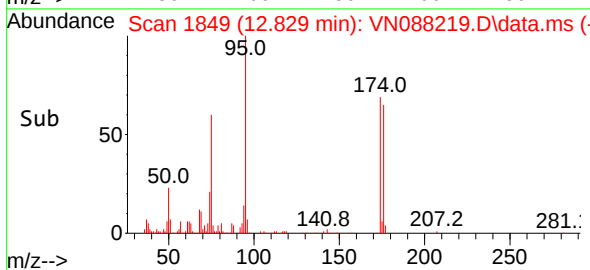
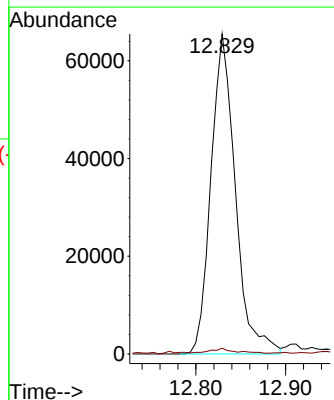
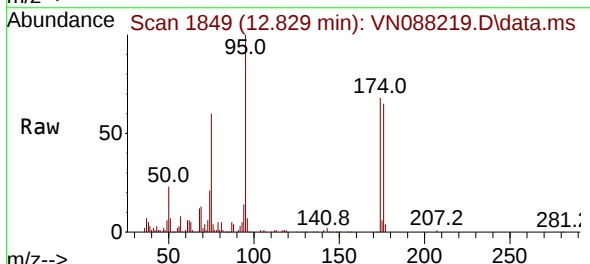
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

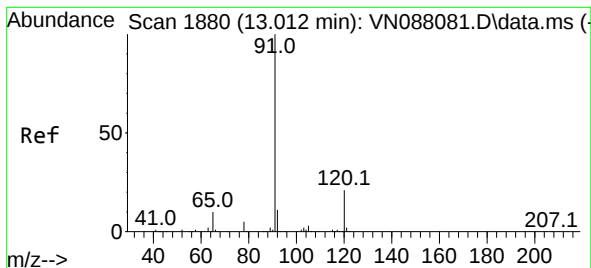
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4156  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 53.9  | 27.6  | 41.4# |
| 55       | 75.9  | 13.0  | 19.6# |
| 61       | 0.0   | 13.0  | 19.6# |



#76  
1,2,3-Trichloropropane  
Concen: 26.552 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.141 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 123771 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.9   | 89.1  | 267.4# |





#78

n-propylbenzene

Concen: 0.336 ug/l

RT: 13.017 min Scan# 1880

Delta R.T. 0.005 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

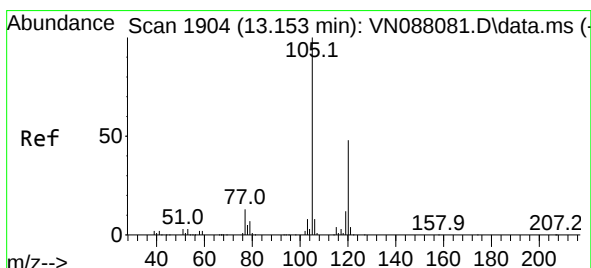
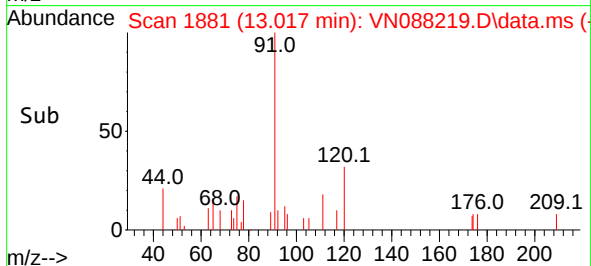
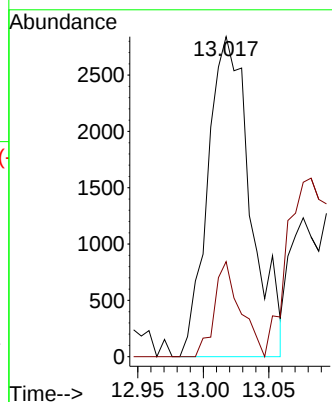
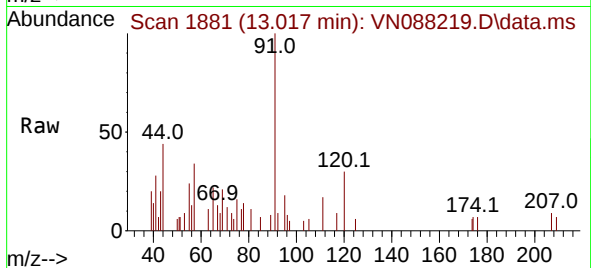
FILTER-COMP

Tgt Ion: 91 Resp: 6440

Ion Ratio Lower Upper

91 100

120 18.0 10.7 32.1



#80

1,3,5-Trimethylbenzene

Concen: 1.507 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088219.D

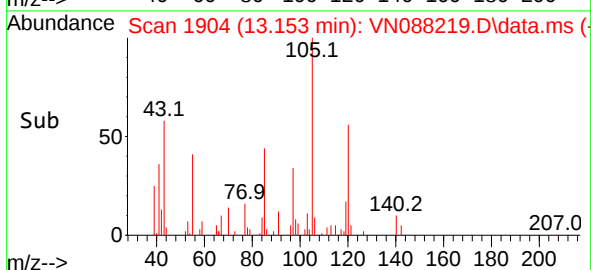
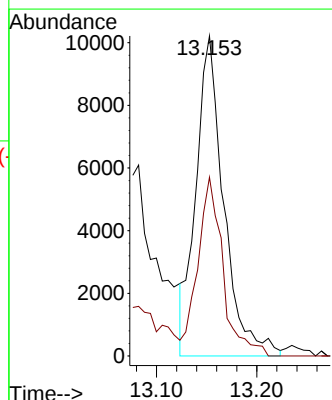
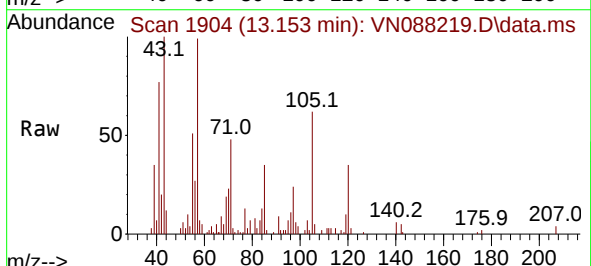
Acq: 06 Nov 2025 19:39

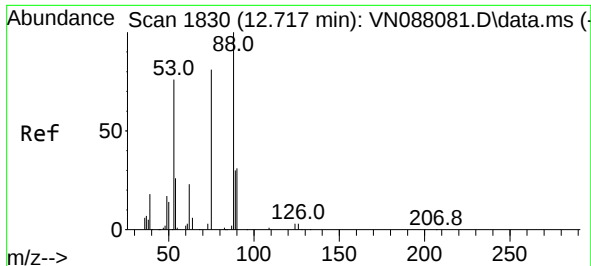
Tgt Ion:105 Resp: 19687

Ion Ratio Lower Upper

105 100

120 50.5 23.2 69.6

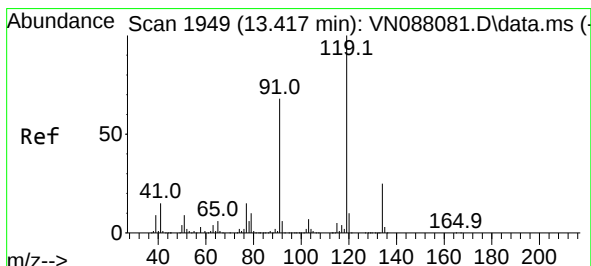
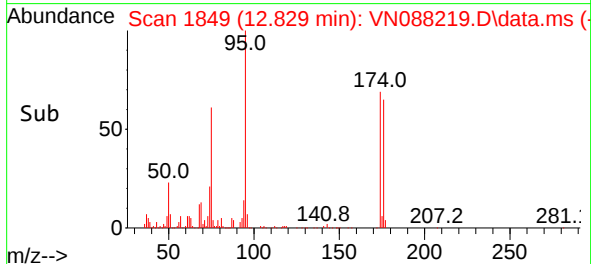
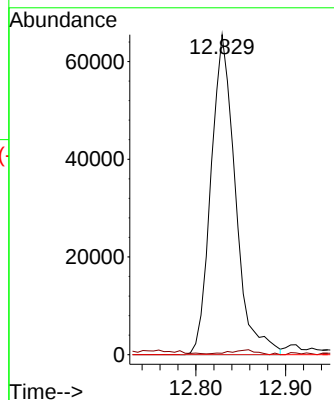
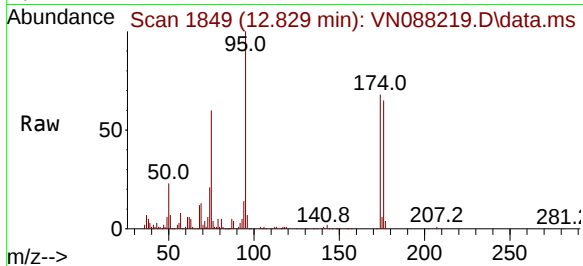




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 74.068 ug/l  
 RT: 12.829 min Scan# 11  
 Delta R.T. 0.112 min  
 Lab File: VN088219.D  
 Acq: 06 Nov 2025 19:39

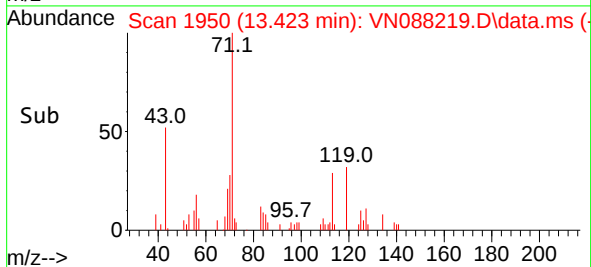
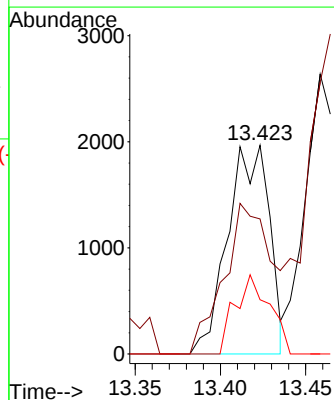
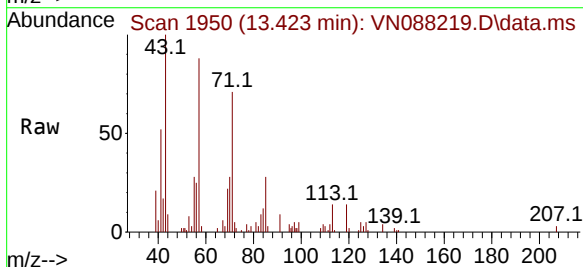
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 ClientSampleId :  
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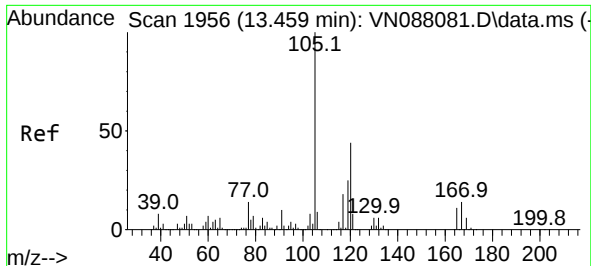
Tgt Ion: 75 Resp: 123771  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 101.8 152.6#  
 89 0.0 35.6 53.4#



#83  
 tert-Butylbenzene  
 Concen: 0.287 ug/l  
 RT: 13.423 min Scan# 1950  
 Delta R.T. 0.006 min  
 Lab File: VN088219.D  
 Acq: 06 Nov 2025 19:39

Tgt Ion: 119 Resp: 3348  
 Ion Ratio Lower Upper  
 119 100  
 91 81.5 35.0 105.0  
 134 31.3 12.6 37.8

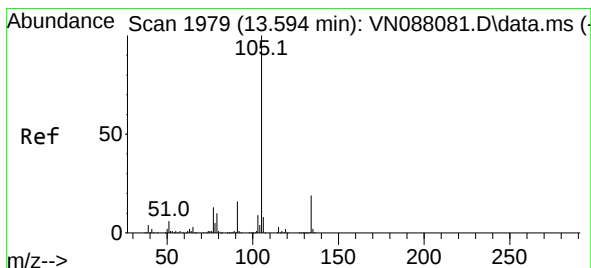
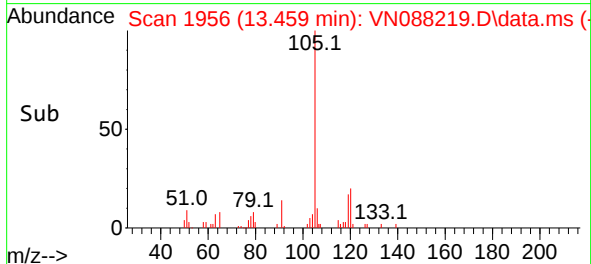
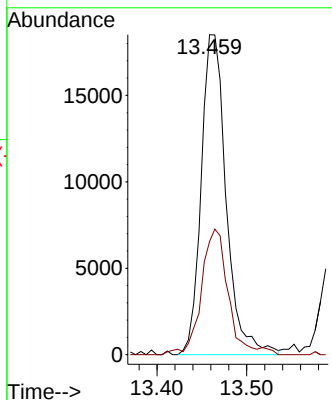
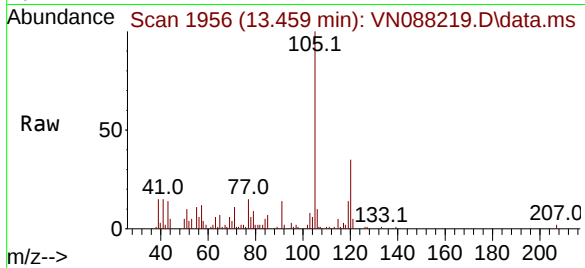




#84  
1,2,4-Trimethylbenzene  
Concen: 2.744 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

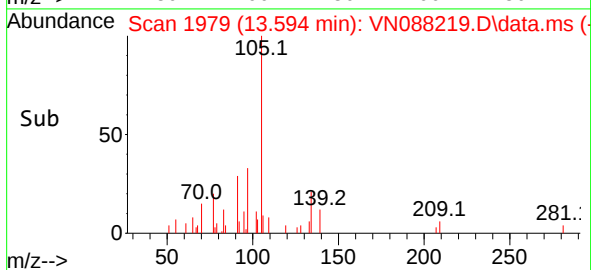
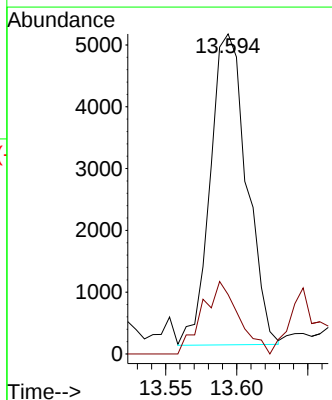
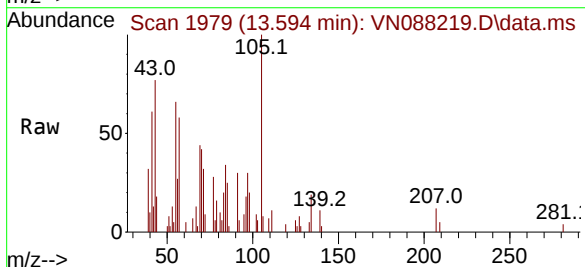
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MSVOA\_N  
ClientSampleId :  
FILTER-COMP

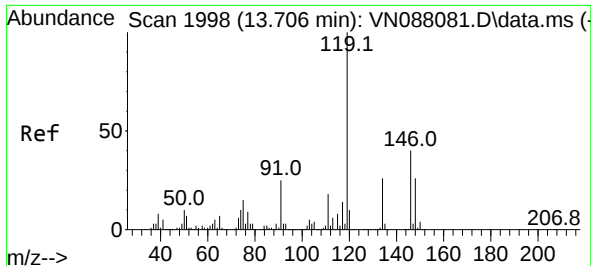
Tgt Ion:105 Resp: 35852  
Ion Ratio Lower Upper  
105 100  
120 42.2 22.0 66.0



#85  
sec-Butylbenzene  
Concen: 0.523 ug/l  
RT: 13.594 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion:105 Resp: 8959  
Ion Ratio Lower Upper  
105 100  
134 23.5 9.6 28.6

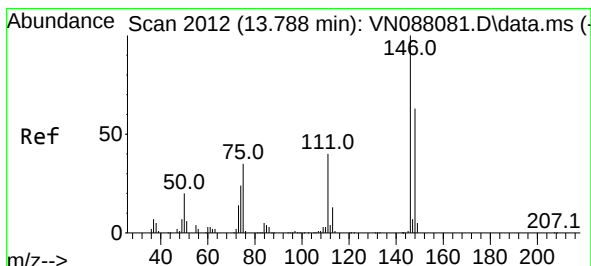
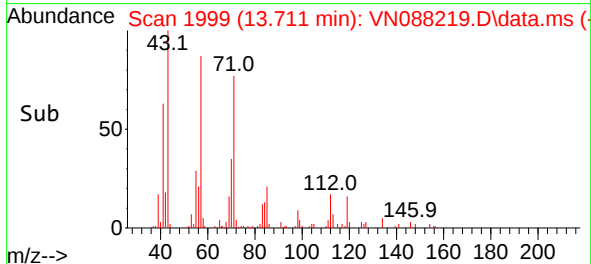
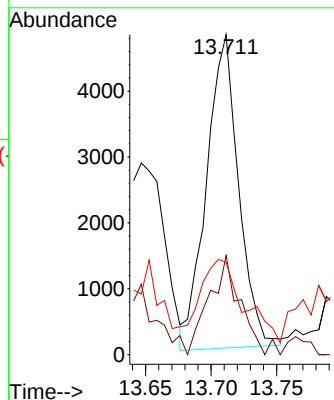
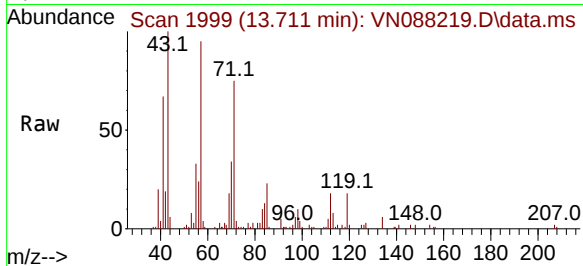




#86  
p-Isopropyltoluene  
Concen: 0.591 ug/l  
RT: 13.711 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

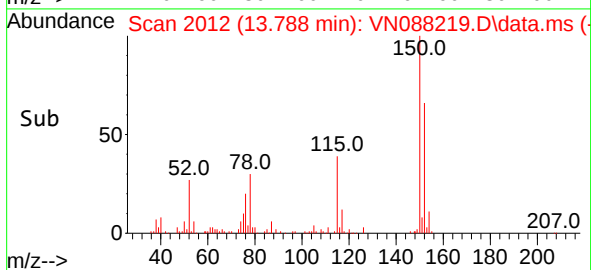
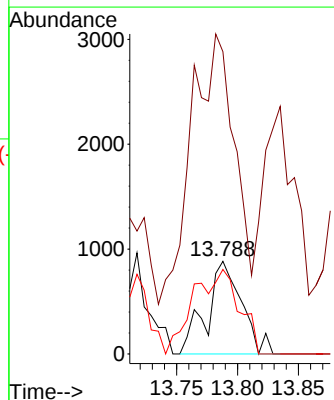
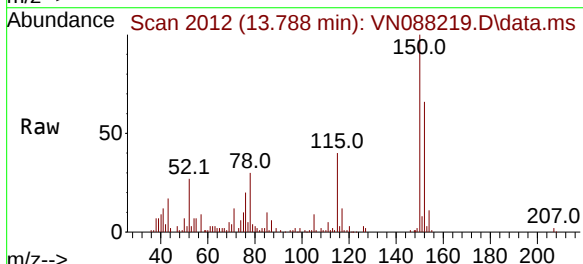
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MSVOA\_N  
ClientSampleId :  
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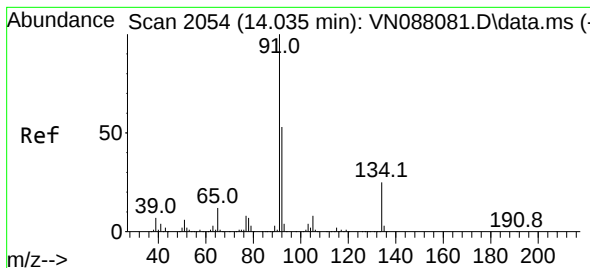
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:119 | Resp: | 8126      |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 134         | 29.7  | 12.7 38.0 |
| 91          | 35.4  | 12.5 37.5 |



#88  
1,4-Dichlorobenzene  
Concen: 0.242 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:146 | Resp: | 1760       |
| Ion Ratio   | Lower | Upper      |
| 146         | 100   |            |
| 111         | 359.3 | 21.0 63.0# |
| 148         | 67.4  | 32.0 96.0  |





#89

n-Butylbenzene

Concen: 0.700 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

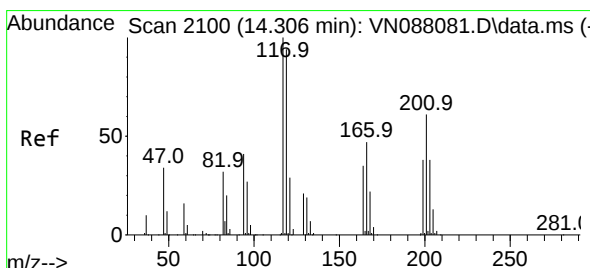
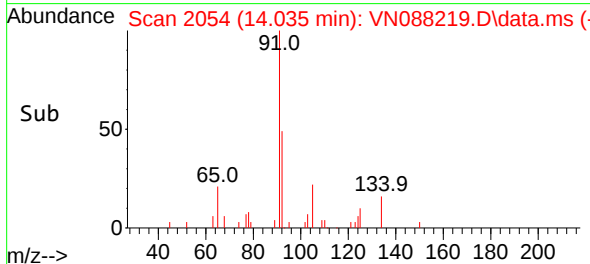
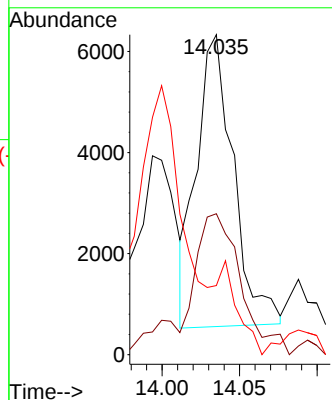
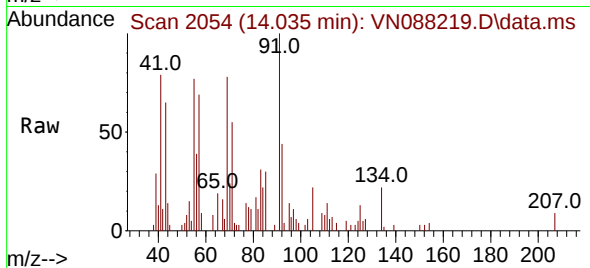
Instrument :

MSVOA\_N

ClientSampleId :

FILTER-COMP

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 9536  |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 69.5  | 25.9  | 77.8  |
| 134       | 0.0   | 11.7  | 35.0# |



#90

Hexachloroethane

Concen: 1.184 ug/l

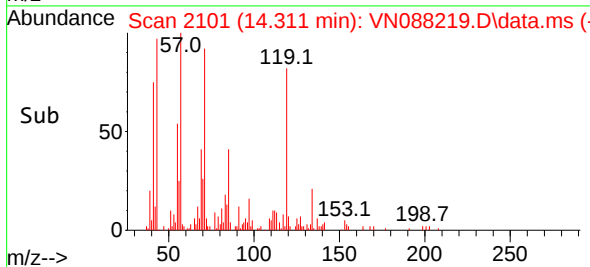
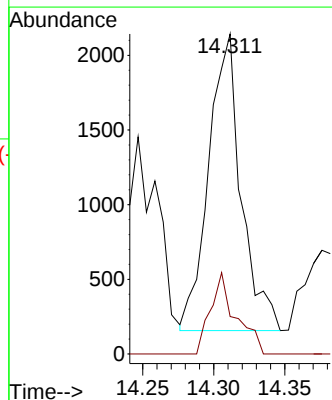
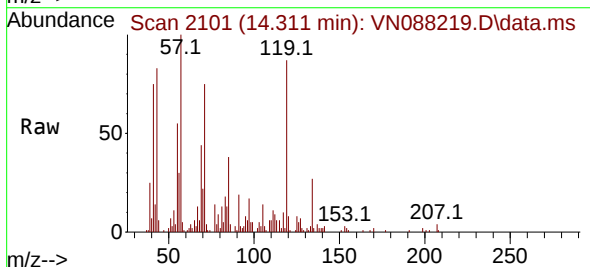
RT: 14.311 min Scan# 2101

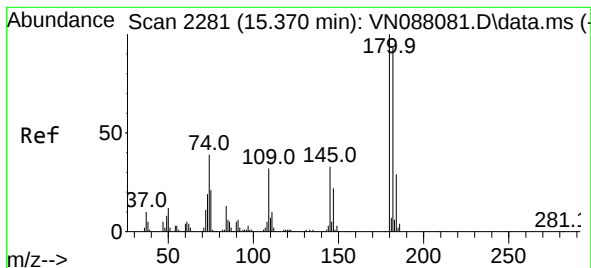
Delta R.T. -0.000 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 3153  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 21.5  | 29.1  | 87.4# |

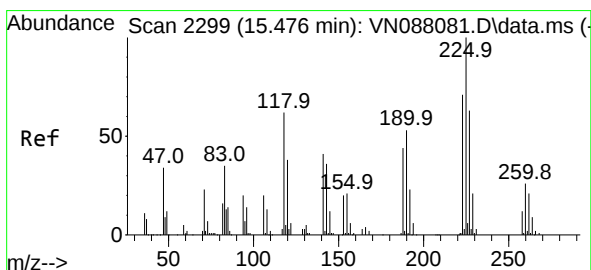
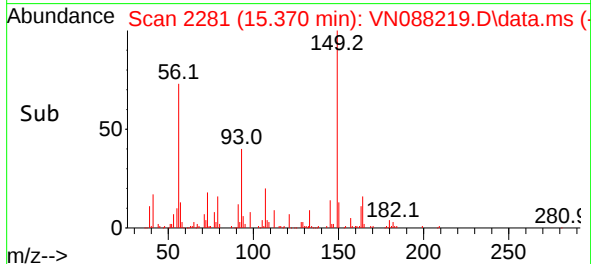
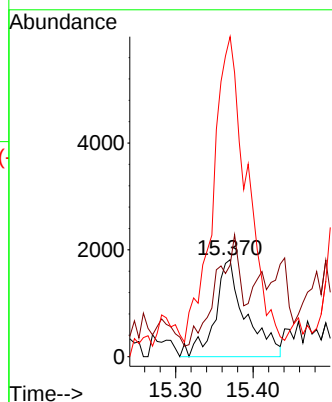
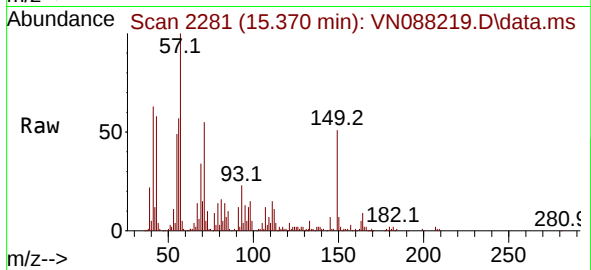




#93  
1,2,4-Trichlorobenzene  
Concen: 1.254 ug/l  
RT: 15.370 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

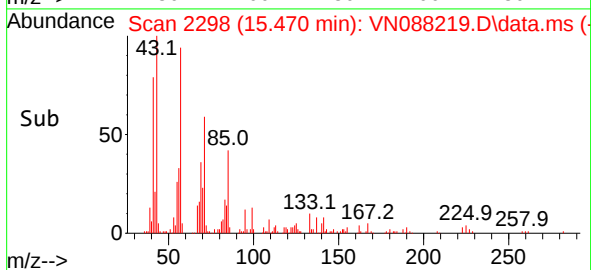
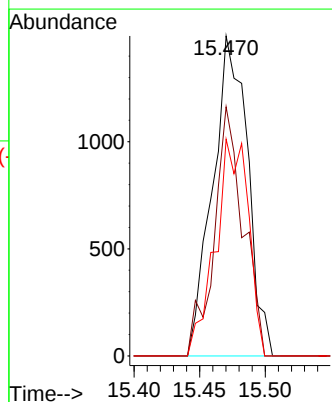
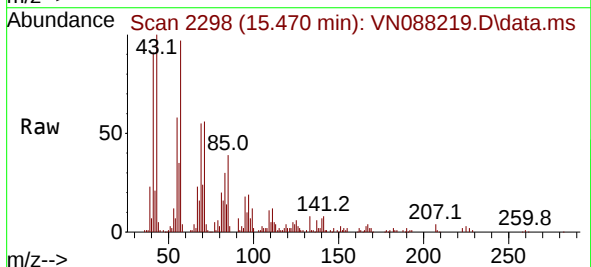
Instrument :  
MSVOA\_N  
ClientSampleId :  
FILTER-COMP

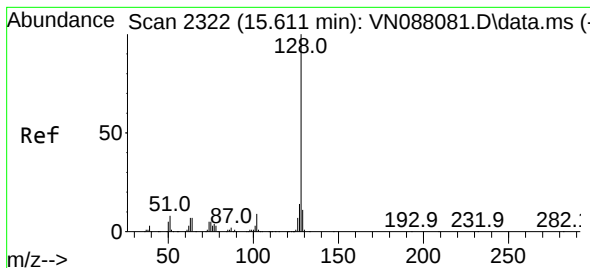
Tgt Ion:180 Resp: 4954  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.6 142.9  
145 382.2 16.5 49.5#



#94  
Hexachlorobutadiene  
Concen: 1.876 ug/l  
RT: 15.470 min Scan# 2298  
Delta R.T. -0.006 min  
Lab File: VN088219.D  
Acq: 06 Nov 2025 19:39

Tgt Ion:225 Resp: 2761  
Ion Ratio Lower Upper  
225 100  
223 64.9 32.0 96.2  
227 64.0 32.1 96.5





#95

Naphthalene

Concen: 2.378 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Instrument :

MSVOA\_N

ClientSampleId :

FILTER-COMP

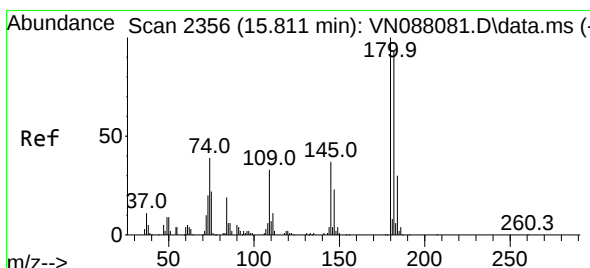
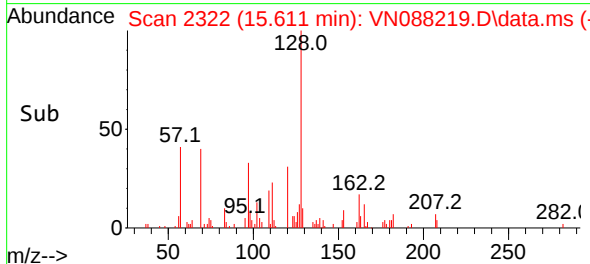
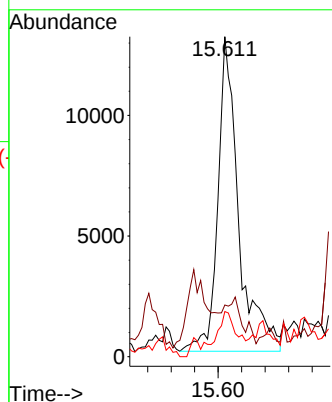
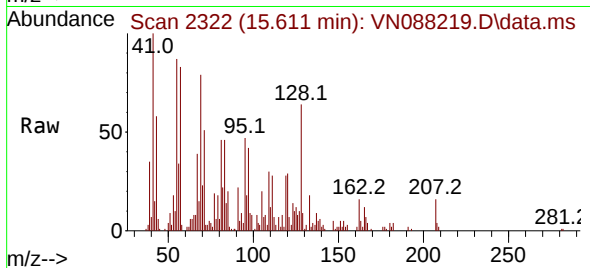
Tgt Ion:128 Resp: 32198

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

129 7.7 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.587 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.171 min

Lab File: VN088219.D

Acq: 06 Nov 2025 19:39

Tgt Ion:180 Resp: 2224

Ion Ratio Lower Upper

180 100

182 117.3 46.8 140.3

145 17.4 17.3 52.0

