

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110724\  
 Data File : VN084717.D  
 Acq On : 07 Nov 2024 12:24  
 Operator : JC\MD  
 Sample : VN1107MBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 08 00:23:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.224  | 168   | 152647   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100  | 114   | 260913   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865 | 117   | 224097   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 94404    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577  | 65    | 107174   | 48.611    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 97.220%  |
| 35) Dibromofluoromethane      | 8.165  | 113   | 89726    | 50.806    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 101.620% |
| 50) Toluene-d8                | 10.565 | 98    | 304649   | 46.829    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 93.660%  |
| 62) 4-Bromofluorobenzene      | 12.847 | 95    | 108933   | 44.803    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery  | =      | 89.600%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.371  | 50    | 686      | Below Cal | #      | 41       |
| 5) Bromomethane               | 2.906  | 94    | 291      | 0.291     | ug/l   | 84       |
| 6) Chloroethane               | 3.171  | 64    | 635      | Below Cal | #      | 45       |
| 11) Tert butyl alcohol        | 5.494  | 59    | 1822     | 6.261     | ug/l   | # 73     |
| 16) Acetone                   | 4.442  | 43    | 127      | Below Cal | #      | 44       |
| 17) Carbon Disulfide          | 4.694  | 76    | 3163     | 0.591     | ug/l   | # 75     |
| 18) Methyl Acetate            | 5.030  | 43    | 1887     | Below Cal | #      | 58       |
| 23) Vinyl Acetate             | 6.600  | 43    | 1008     | 0.261     | ug/l   | # 72     |
| 31) Cyclohexane               | 8.218  | 56    | 3637     | 1.195     | ug/l   | # 6      |
| 38) Carbon Tetrachloride      | 8.224  | 117   | 16320    | 5.961     | ug/l   | # 16     |
| 43) Isopropyl Acetate         | 8.741  | 43    | 6008     | 0.508     | ug/l   | # 56     |
| 44) Trichloroethene           | 9.359  | 130   | 657      | 0.362     | ug/l   | 67       |
| 52) Toluene                   | 10.624 | 92    | 989      | 0.215     | ug/l   | 79       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75    | 1318     | 0.464     | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75    | 609      | 0.203     | ug/l   | # 62     |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63    | 736      | 0.628     | ug/l   | # 62     |
| 59) 2-Hexanone                | 11.194 | 43    | 984      | 0.638     | ug/l   | 67       |
| 60) Dibromochloromethane      | 11.353 | 129   | 462      | 0.234     | ug/l   | # 11     |
| 64) Tetrachloroethene         | 11.112 | 164   | 348      | 0.233     | ug/l   | # 52     |
| 65) Chlorobenzene             | 11.894 | 112   | 2860     | 0.570     | ug/l   | 92       |
| 67) Ethyl Benzene             | 11.965 | 91    | 2583     | 0.309     | ug/l   | # 80     |
| 68) m/p-Xylenes               | 12.076 | 106   | 1932     | 0.610     | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106   | 613      | 0.207     | ug/l   | 92       |
| 70) Styrene                   | 12.412 | 104   | 2435     | 0.471     | ug/l   | 97       |
| 71) Bromoform                 | 12.570 | 173   | 296      | 0.226     | ug/l   | # 30     |
| 73) Isopropylbenzene          | 12.700 | 105   | 1821     | 0.275     | ug/l   | 94       |
| 74) N-amyl acetate            | 12.494 | 43    | 710      | 0.252     | ug/l   | # 65     |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83    | 569      | 0.258     | ug/l   | # 75     |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75    | 55188    | 29.245    | ug/l   | # 1      |
| 77) Bromobenzene              | 12.982 | 156   | 1800     | 1.012     | ug/l   | 69       |
| 78) n-propylbenzene           | 13.035 | 91    | 4722     | 0.609     | ug/l   | 92       |
| 79) 2-Chlorotoluene           | 13.117 | 91    | 3142     | 0.620     | ug/l   | 87       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105   | 1946     | 0.355     | ug/l   | 87       |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75    | 55188    | 69.381    | ug/l   | # 11     |
| 82) 4-Chlorotoluene           | 13.223 | 91    | 5239     | 0.983     | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.429 | 119   | 1451     | 0.320     | ug/l   | 91       |

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Sample : VN1107MBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 08 00:23:48 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

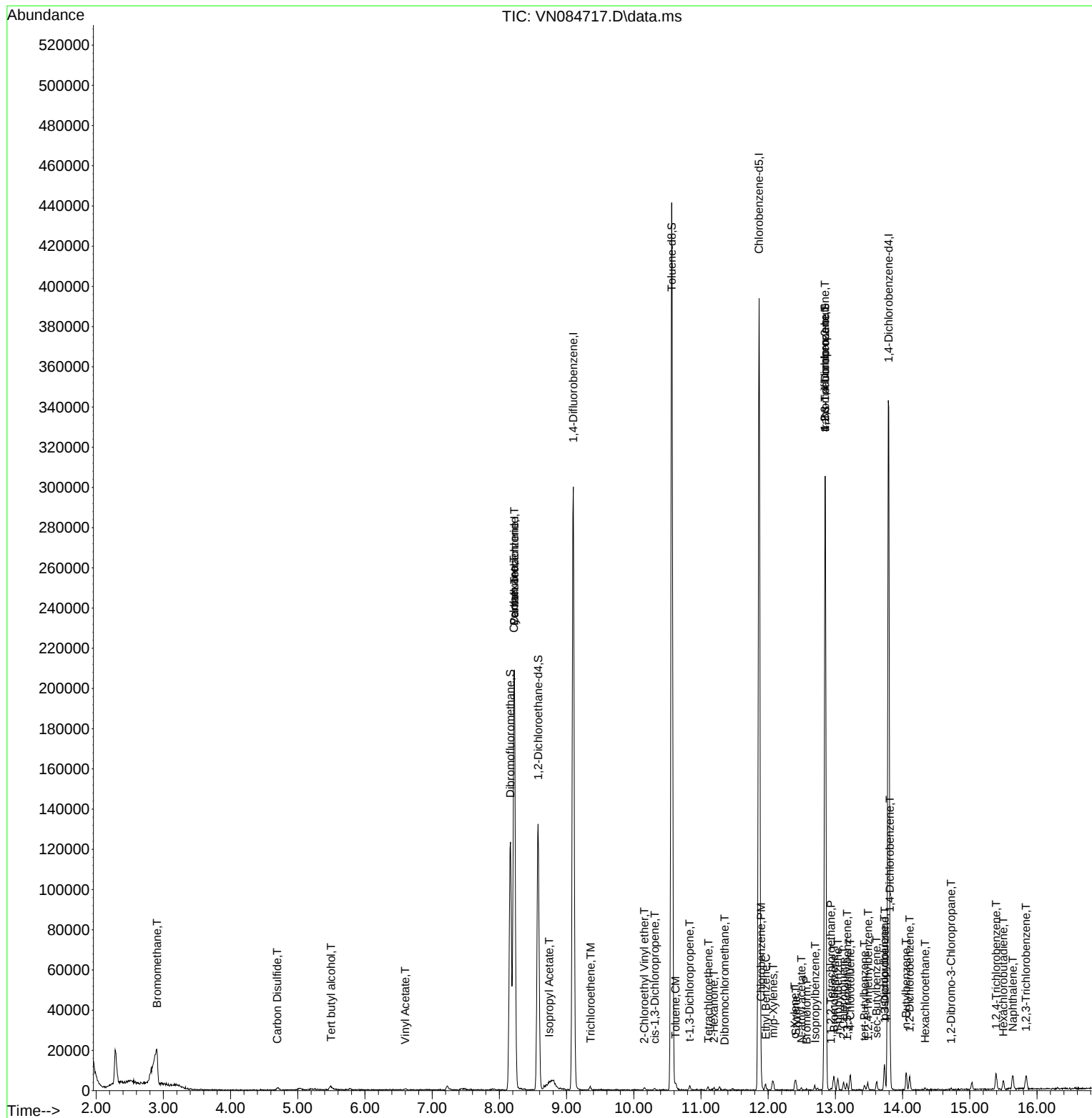
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 2299     | 0.406 | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 3243     | 0.506 | ug/l   | 90       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 2744     | 0.522 | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 4094     | 1.180 | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 5390     | 0.849 | ug/l   | 86       |
| 89) n-Butylbenzene            | 14.053 | 91   | 5144     | 1.046 | ug/l   | 95       |
| 90) Hexachloroethane          | 14.335 | 117  | 333      | 0.284 | ug/l # | 36       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 3076     | 0.922 | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 151      | 0.338 | ug/l # | 52       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 3208     | 1.757 | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 1141     | 1.423 | ug/l   | 89       |
| 95) Naphthalene               | 15.641 | 128  | 7358     | 1.347 | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 3084     | 1.740 | ug/l   | 94       |

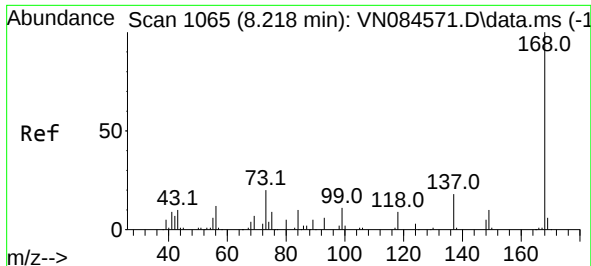
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 ALS Vial : 1 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

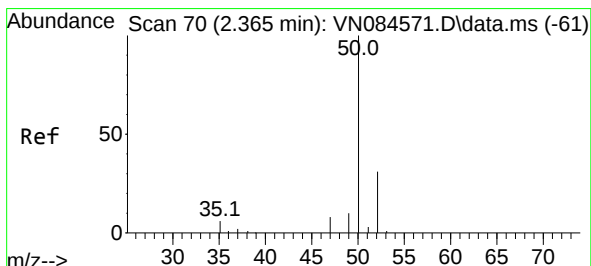
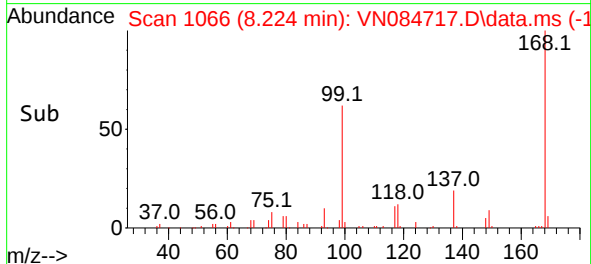
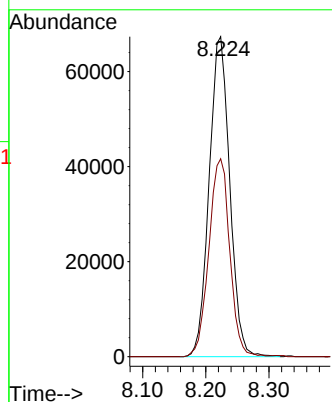
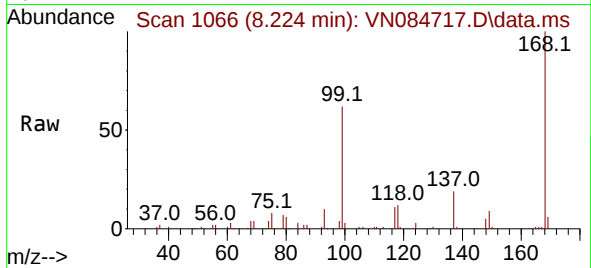




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

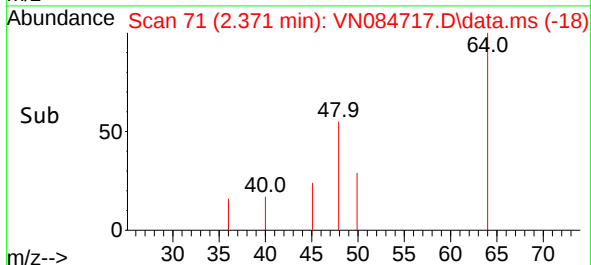
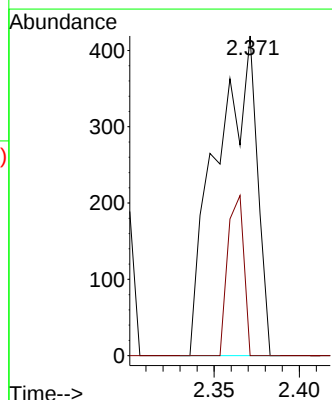
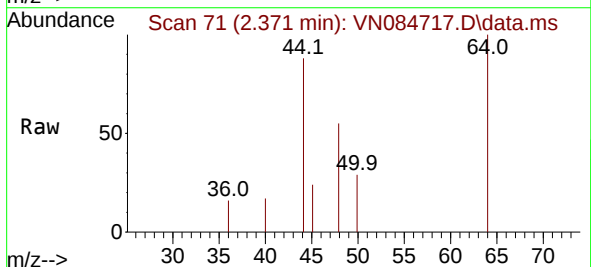
Instrument :  
MSVOA\_N  
ClientSampleId :

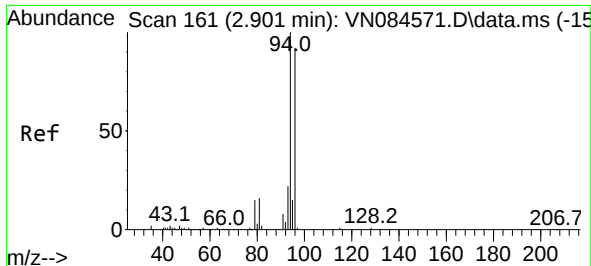
Tgt Ion:168 Resp: 152647  
Ion Ratio Lower Upper  
168 100  
99 61.9 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.371 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 50 Resp: 686  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.8 40.2#

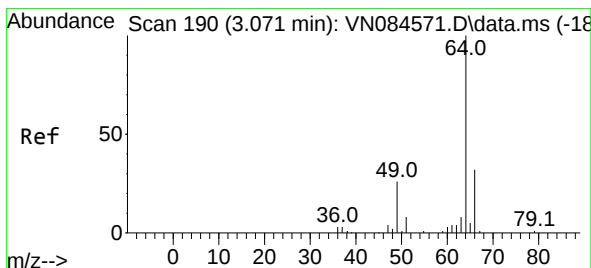
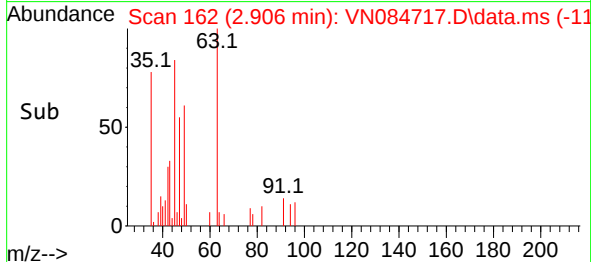
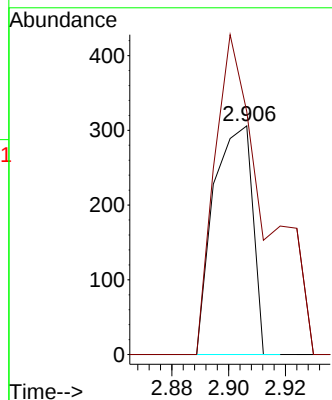
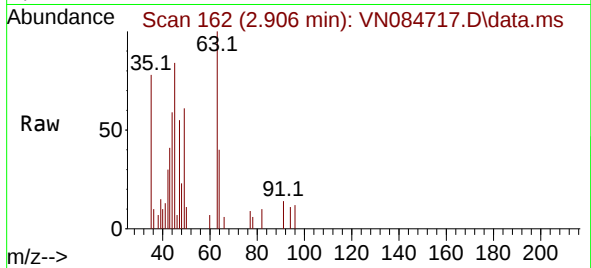




#5  
Bromomethane  
Concen: 0.291 ug/l  
RT: 2.906 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

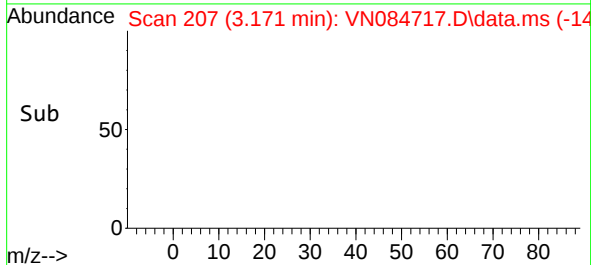
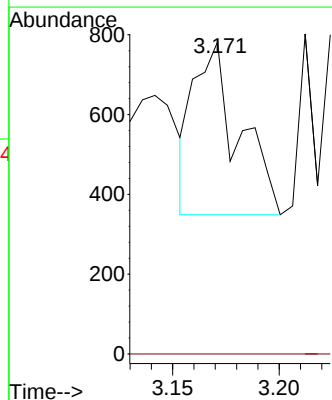
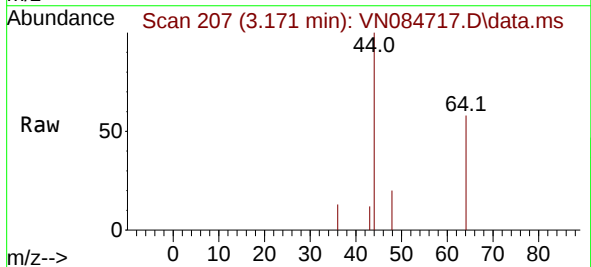
Instrument :  
MSVOA\_N  
ClientSampleId :

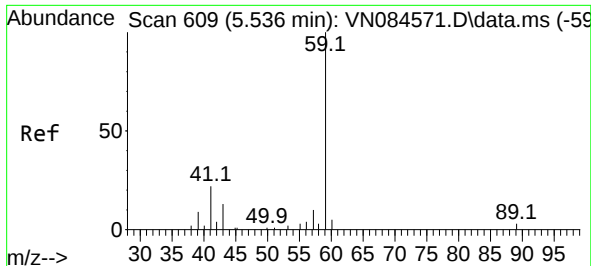
Tgt Ion: 94 Resp: 291  
Ion Ratio Lower Upper  
94 100  
96 106.2 72.9 109.3



#6  
Chloroethane  
Concen: Below Cal  
RT: 3.171 min Scan# 207  
Delta R.T. 0.053 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

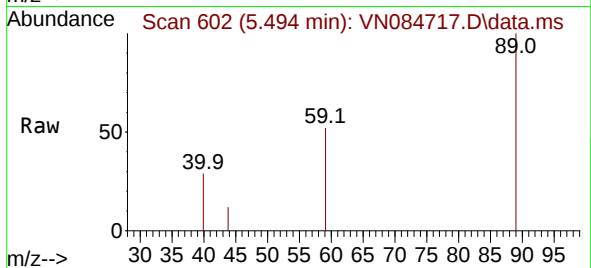
Tgt Ion: 64 Resp: 635  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.5 35.3#



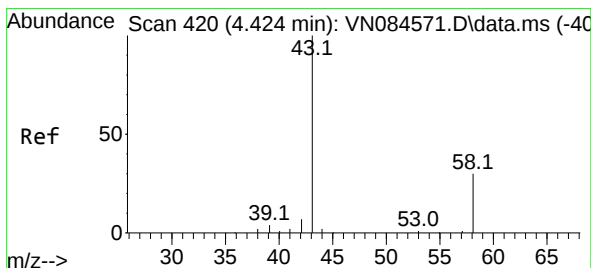
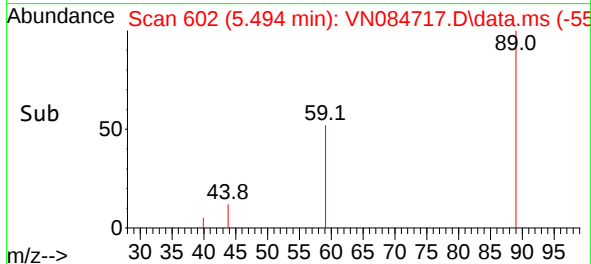
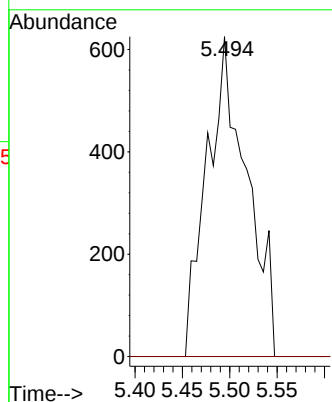


#11  
Tert butyl alcohol  
Concen: 6.261 ug/l  
RT: 5.494 min Scan# 609  
Delta R.T. -0.029 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :

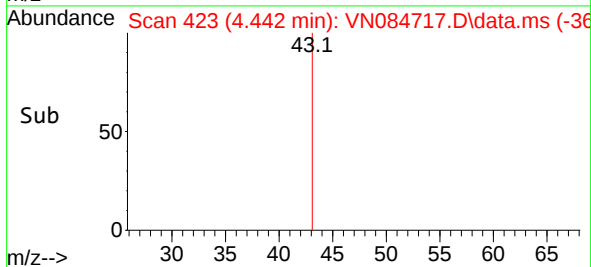
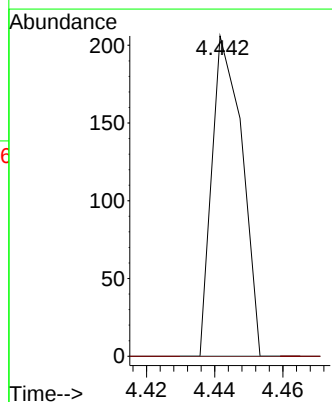
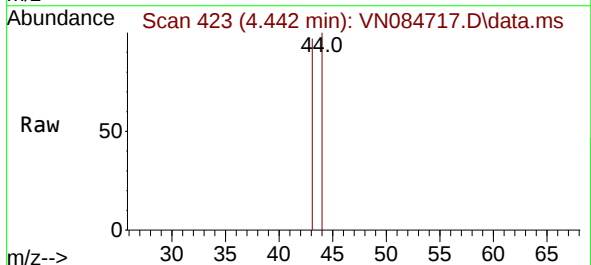


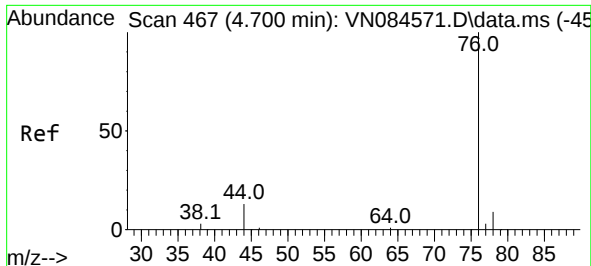
Tgt Ion: 59 Resp: 1822  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#16  
Acetone  
Concen: Below Cal  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

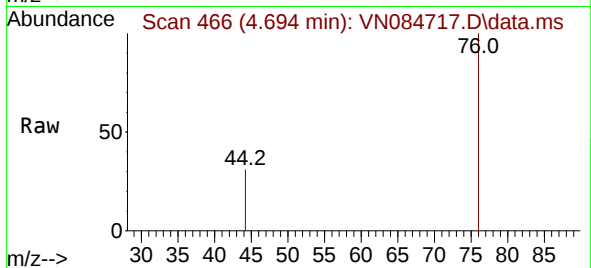
Tgt Ion: 43 Resp: 127  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.4 36.6#



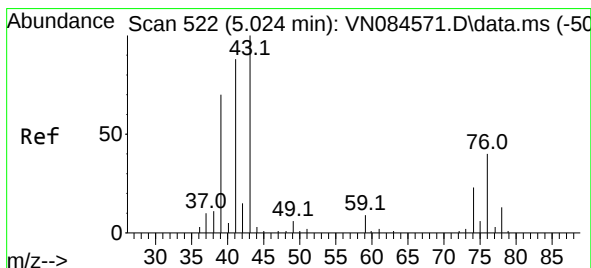
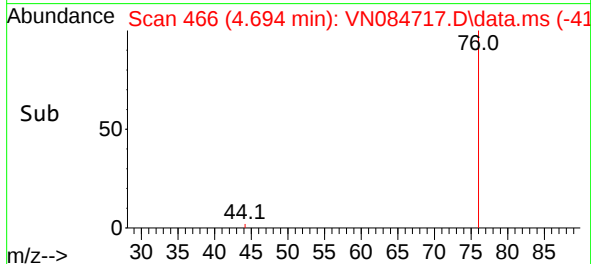
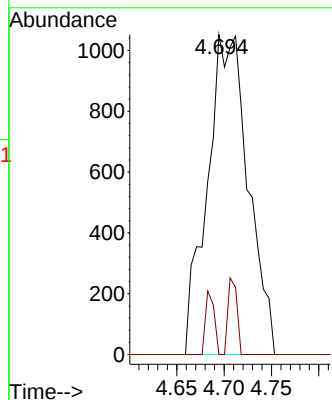


#17  
Carbon Disulfide  
Concen: 0.591 ug/l  
RT: 4.694 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :

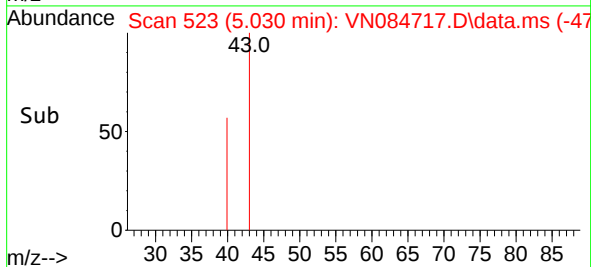
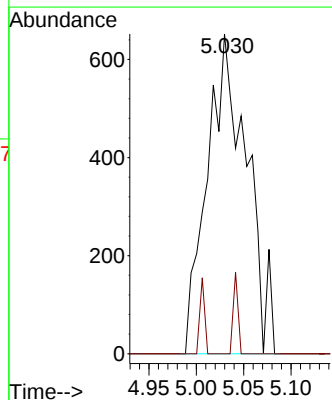
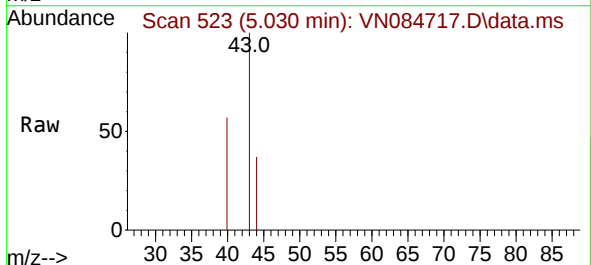


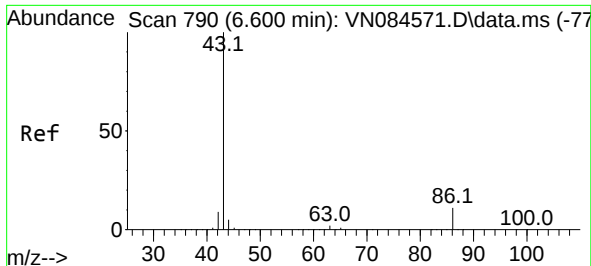
Tgt Ion: 76 Resp: 3163  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.3 10.9#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 43 Resp: 1887  
Ion Ratio Lower Upper  
43 100  
74 3.1 19.2 28.8#

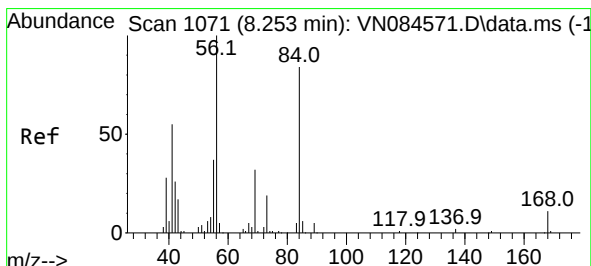
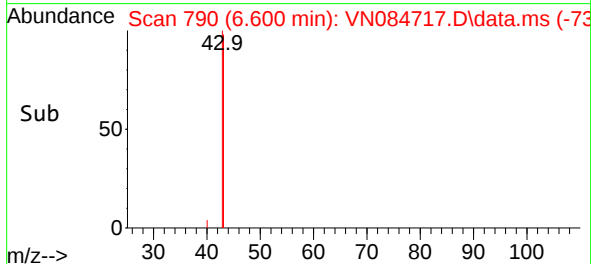
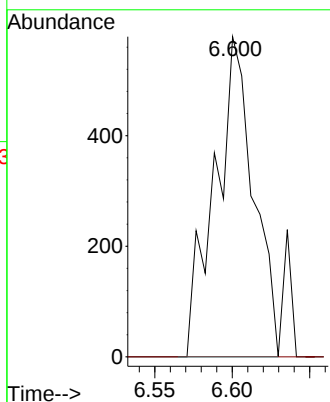
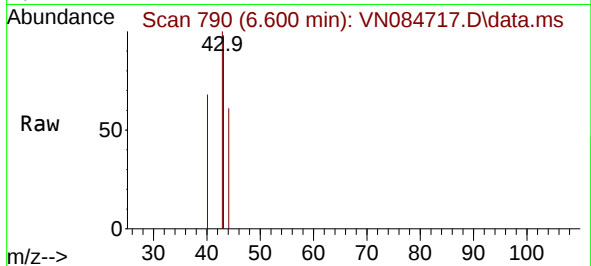




#23  
 Vinyl Acetate  
 Concen: 0.261 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN084717.D  
 Acq: 07 Nov 2024 12:24

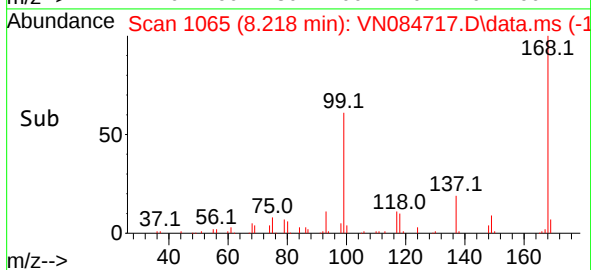
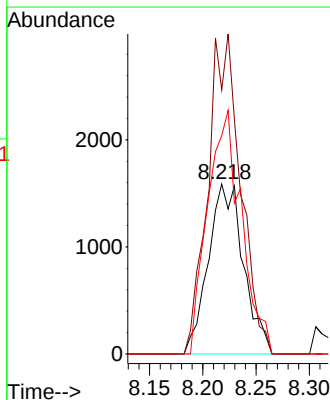
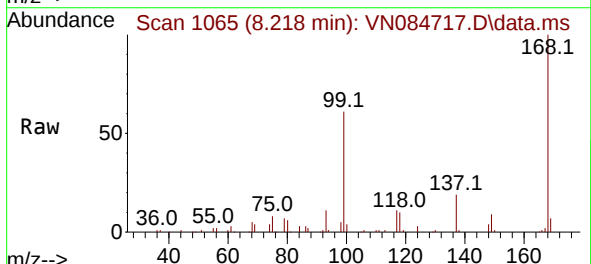
Instrument :  
 MSVOA\_N  
 ClientSampleId :

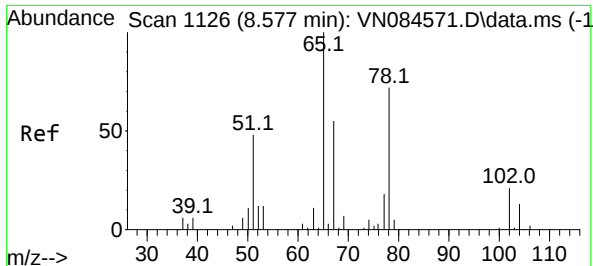
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 Ion Ratio Lower Upper  
 43 100  
 86 0.0 8.6 12.8#



#31  
 Cyclohexane  
 Concen: 1.195 ug/l  
 RT: 8.218 min Scan# 1065  
 Delta R.T. -0.035 min  
 Lab File: VN084717.D  
 Acq: 07 Nov 2024 12:24

Tgt Ion: 56 Resp: 3637  
 Ion Ratio Lower Upper  
 56 100  
 69 155.3 23.8 35.6#  
 84 128.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

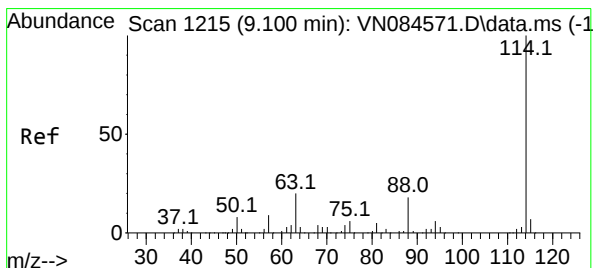
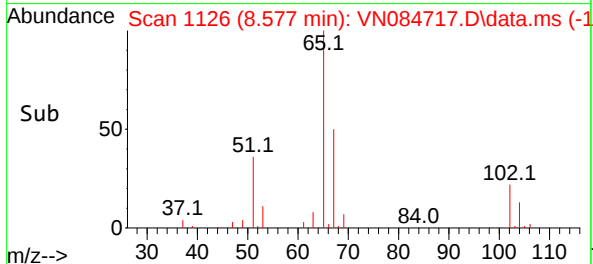
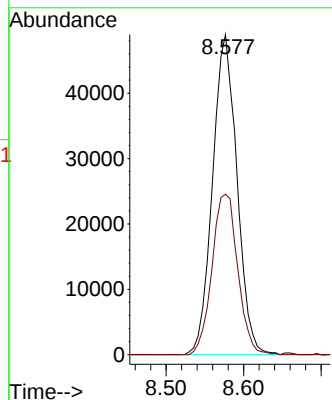
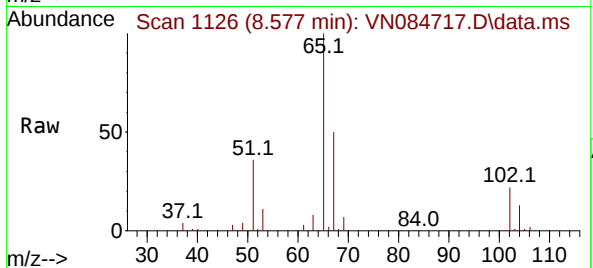
ClientSampleId :

Tgt Ion: 65 Resp: 107174

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

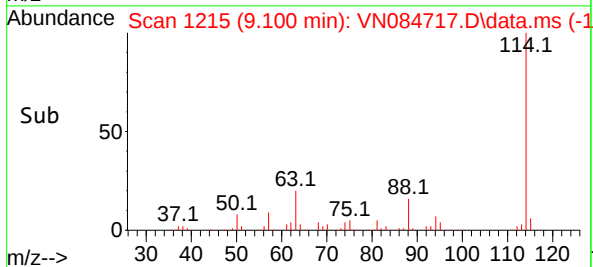
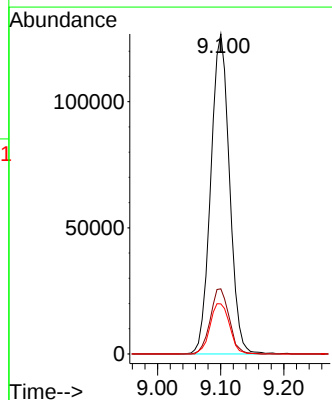
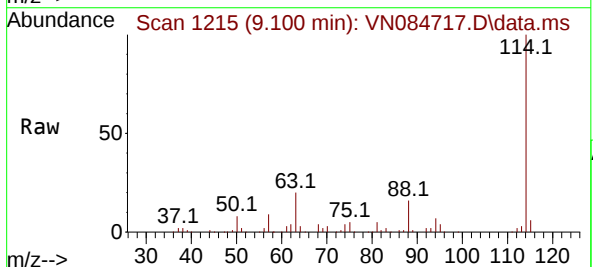
Tgt Ion: 114 Resp: 260913

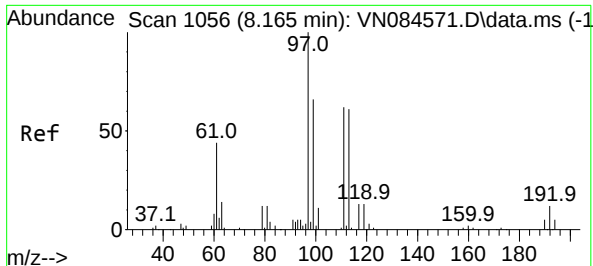
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.8

88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.806 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

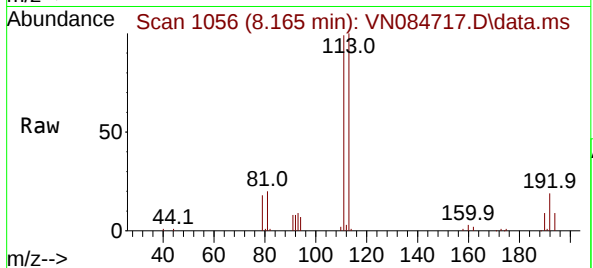
Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

ClientSampleId :



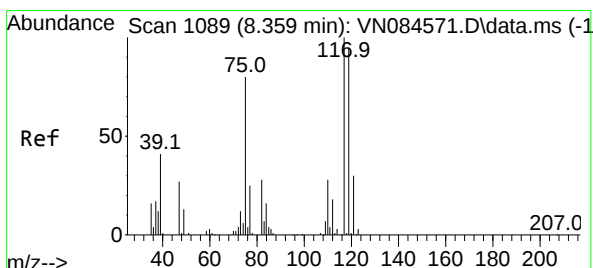
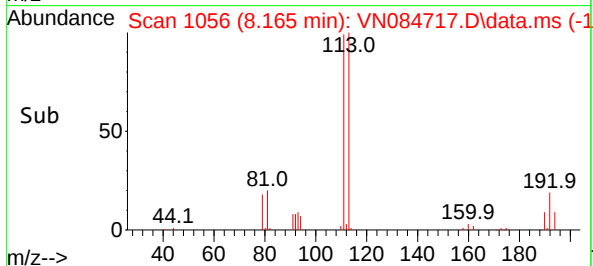
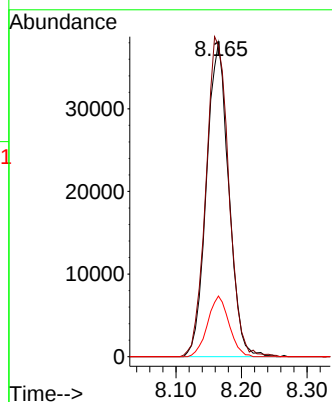
Tgt Ion:113 Resp: 89726

Ion Ratio Lower Upper

113 100

111 104.7 83.3 124.9

192 18.6 13.5 20.3



#38

Carbon Tetrachloride

Concen: 5.961 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

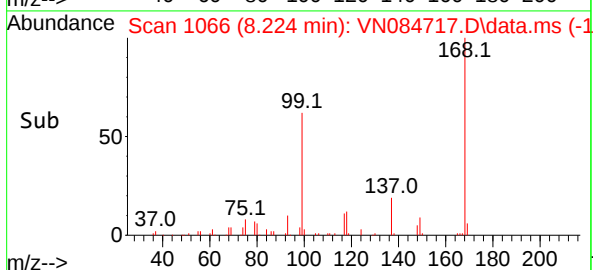
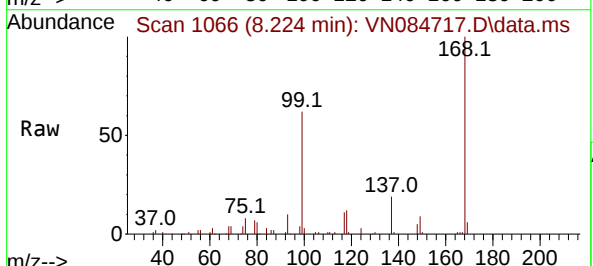
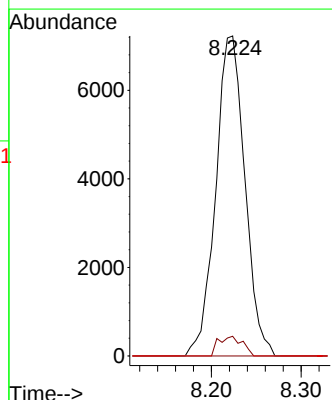
Tgt Ion:117 Resp: 16320

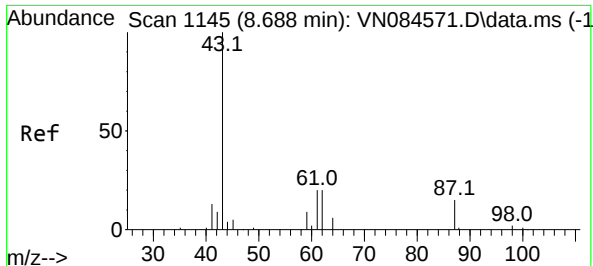
Ion Ratio Lower Upper

117 100

119 6.1 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.508 ug/l

RT: 8.741 min Scan# 1145

Delta R.T. 0.053 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

ClientSampleId :

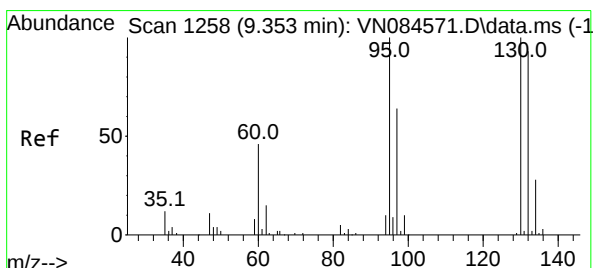
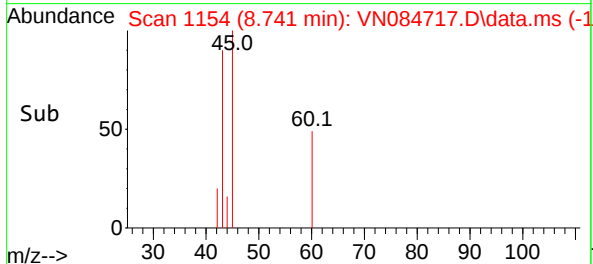
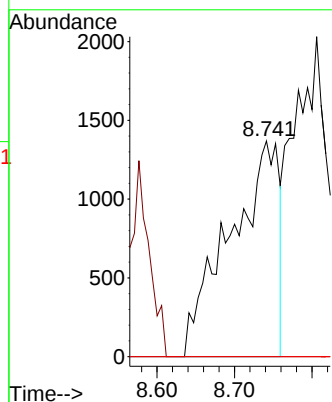
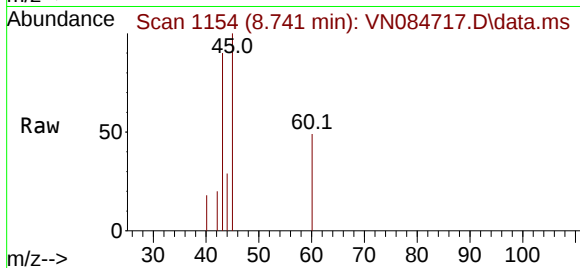
Tgt Ion: 43 Resp: 6008

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 0.362 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.012 min

Lab File: VN084717.D

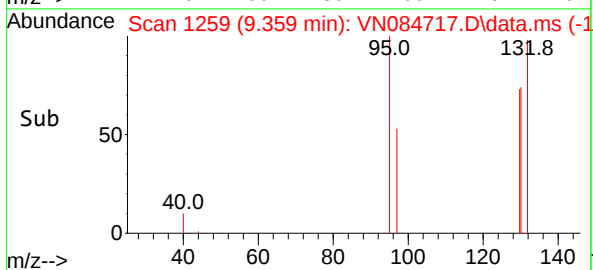
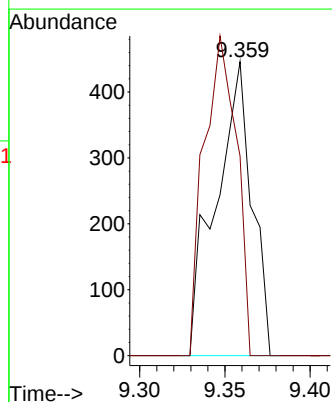
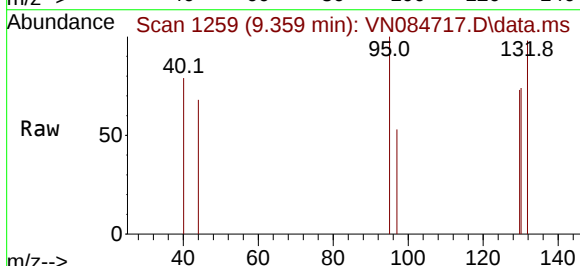
Acq: 07 Nov 2024 12:24

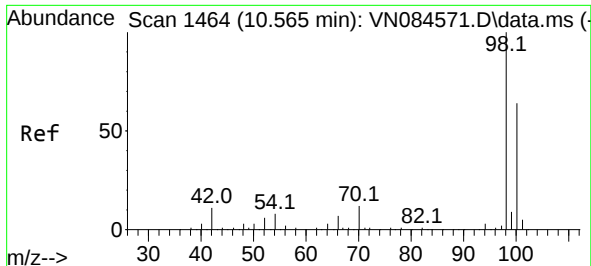
Tgt Ion:130 Resp: 657

Ion Ratio Lower Upper

130 100

95 67.9 0.0 203.0

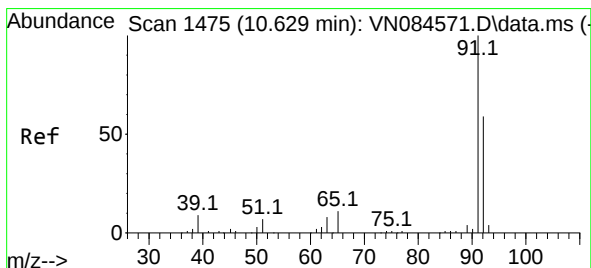
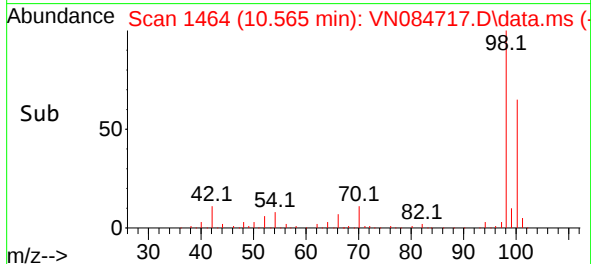
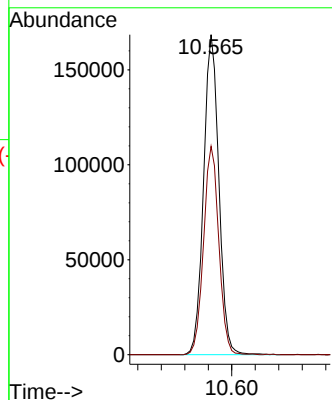
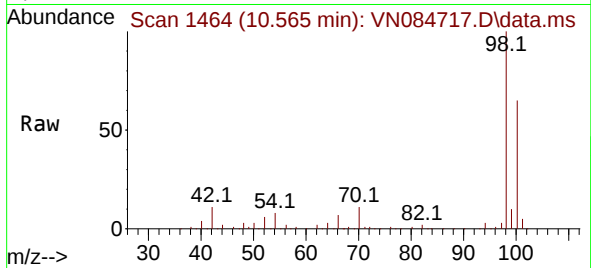




#50  
Toluene-d8  
Concen: 46.829 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

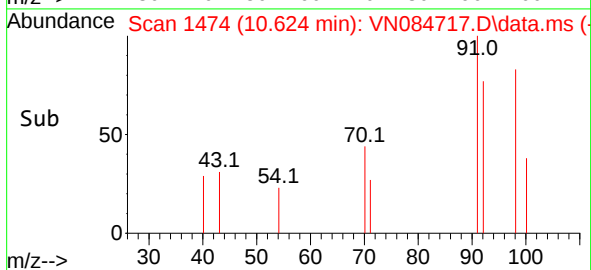
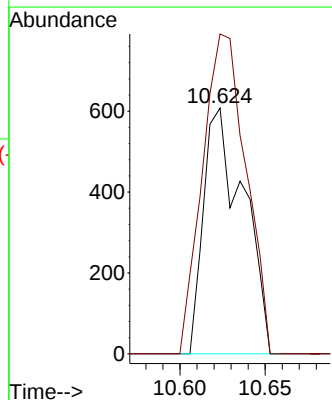
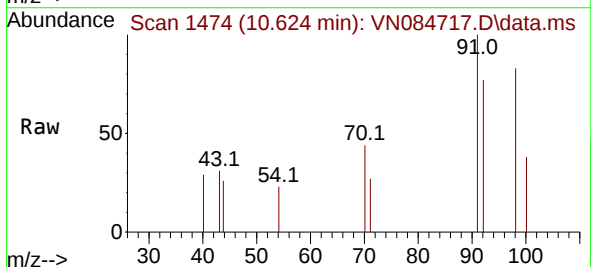
Instrument :  
MSVOA\_N  
ClientSampleId :

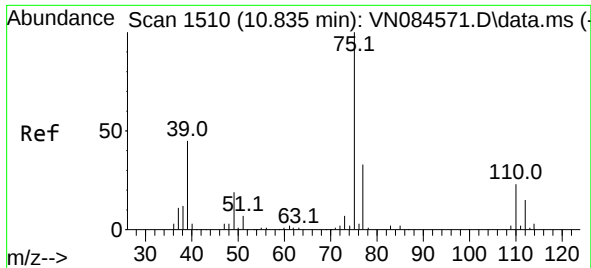
Tgt Ion: 98 Resp: 304649  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.7 79.1



#52  
Toluene  
Concen: 0.215 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 92 Resp: 989  
Ion Ratio Lower Upper  
92 100  
91 142.3 137.3 205.9

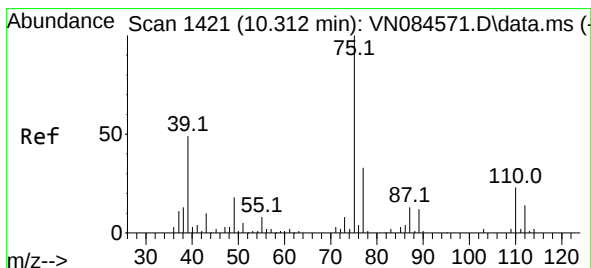
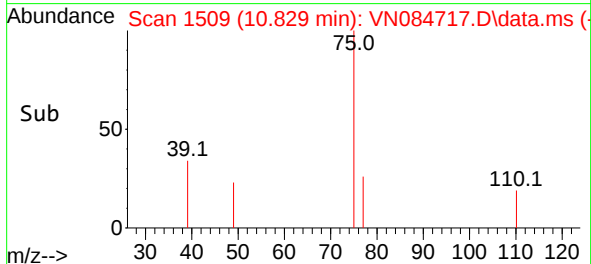
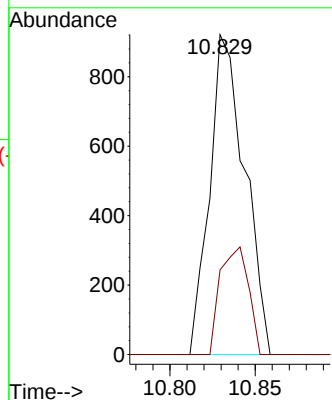
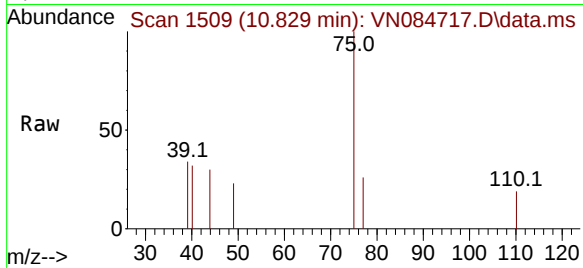




#53  
 t-1,3-Dichloropropene  
 Concen: 0.464 ug/l  
 RT: 10.829 min Scan# 1509  
 Delta R.T. -0.006 min  
 Lab File: VN084717.D  
 Acq: 07 Nov 2024 12:24

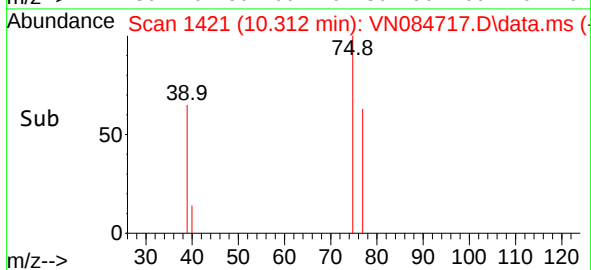
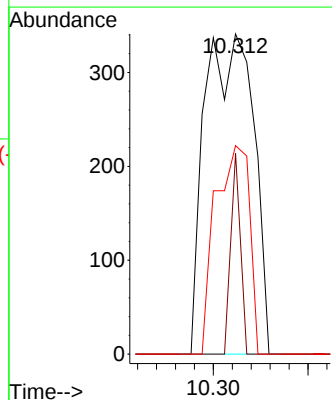
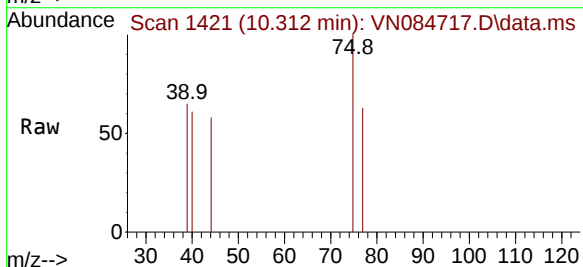
Instrument :  
 MSVOA\_N  
 ClientSampleId :

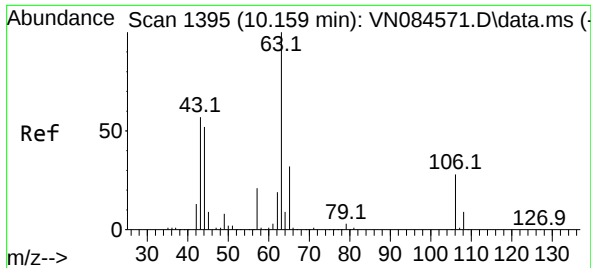
Tgt Ion: 75 Resp: 1318  
 Ion Ratio Lower Upper  
 75 100  
 77 26.5 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.203 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN084717.D  
 Acq: 07 Nov 2024 12:24

Tgt Ion: 75 Resp: 609  
 Ion Ratio Lower Upper  
 75 100  
 77 62.8 24.2 36.2#  
 39 65.1 38.7 58.1#

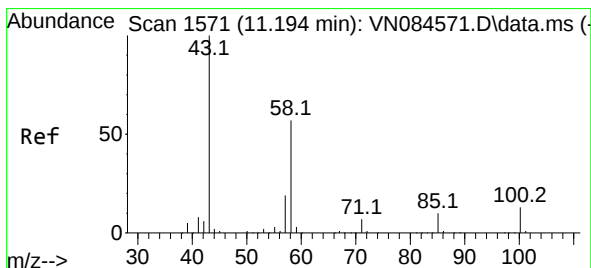
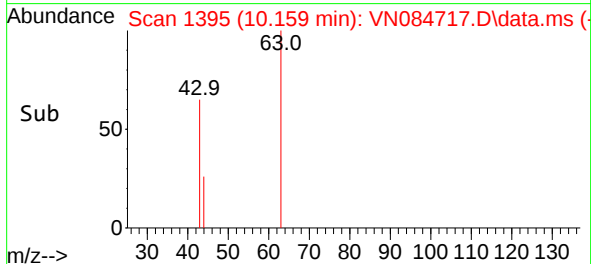
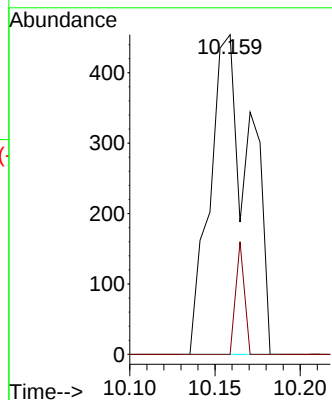
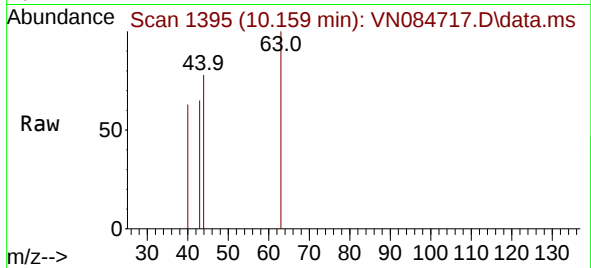




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.628 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

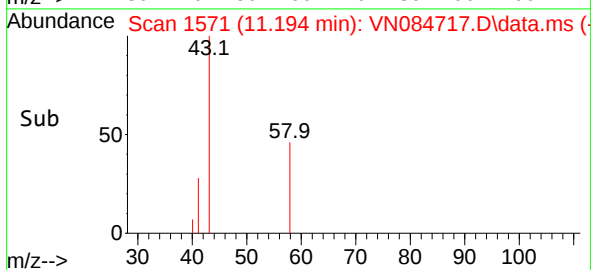
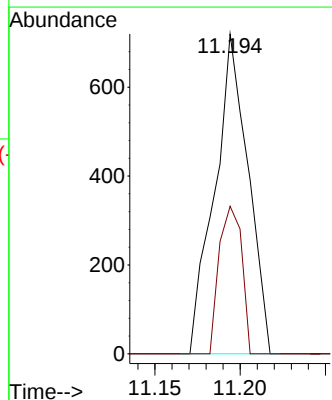
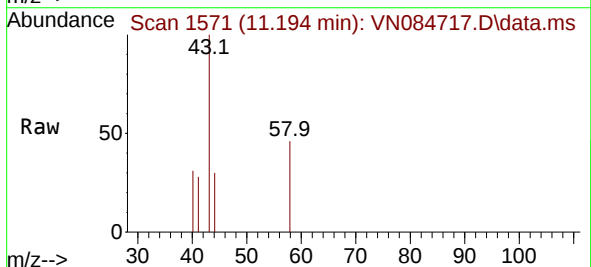
Instrument :  
MSVOA\_N  
ClientSampleId :

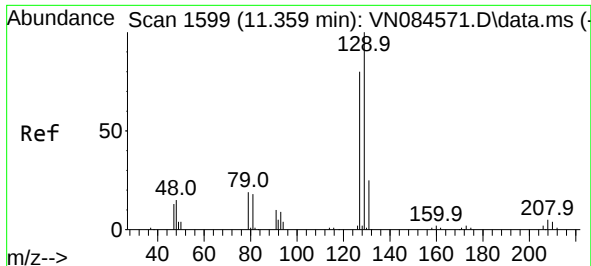
Tgt Ion: 63 Resp: 736  
Ion Ratio Lower Upper  
63 100  
106 7.6 21.8 32.6#



#59  
2-Hexanone  
Concen: 0.638 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 43 Resp: 984  
Ion Ratio Lower Upper  
43 100  
58 31.1 27.3 81.8

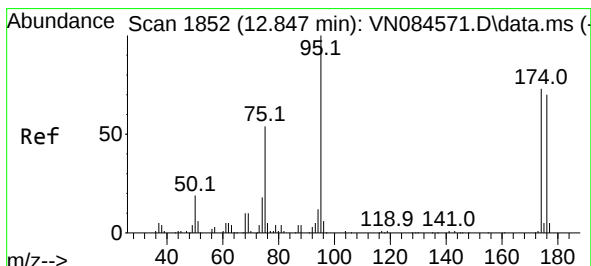
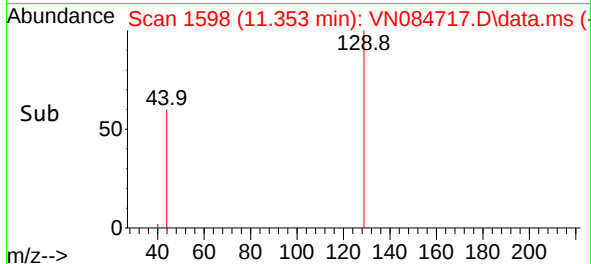
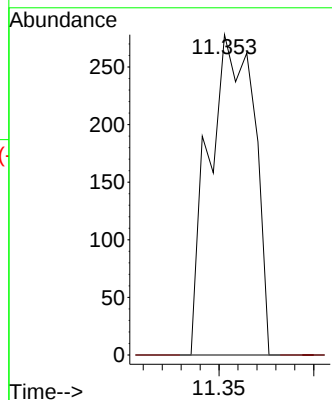
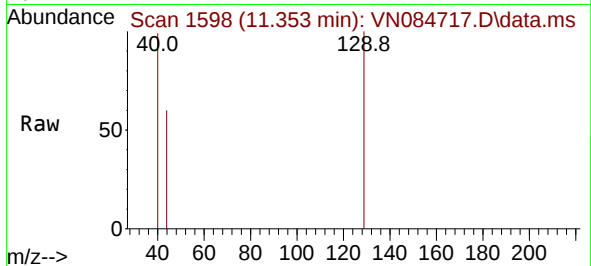




#60  
Dibromochloromethane  
Concen: 0.234 ug/l  
RT: 11.353 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

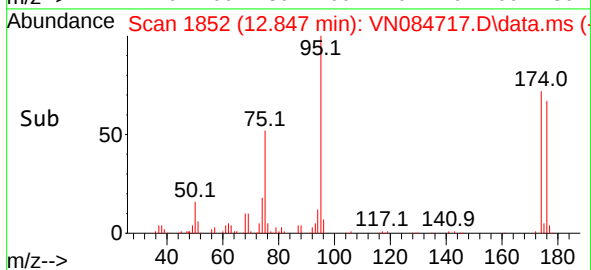
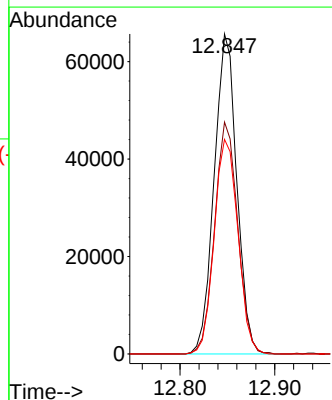
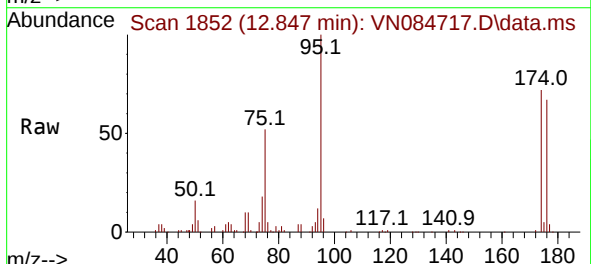
Instrument :  
MSVOA\_N  
ClientSampleId :

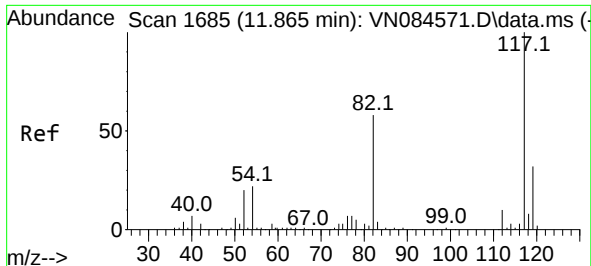
Tgt Ion:129 Resp: 462  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.3 114.9#



#62  
4-Bromofluorobenzene  
Concen: 44.803 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 95 Resp: 108933  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 145.2  
176 70.4 0.0 140.0

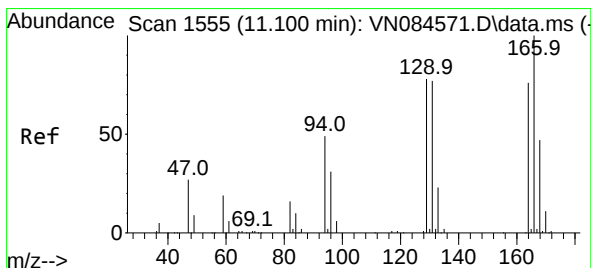
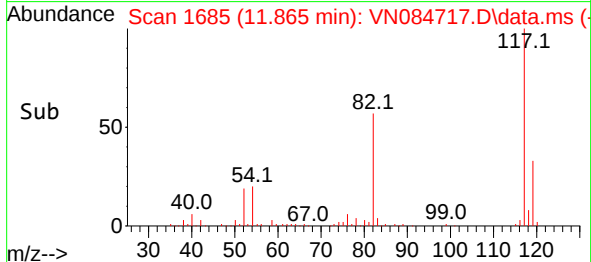
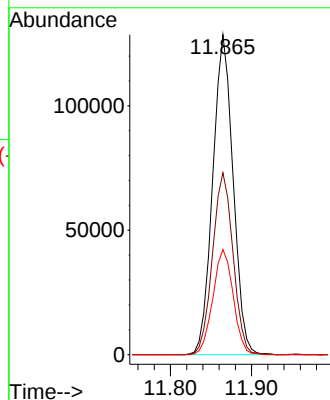
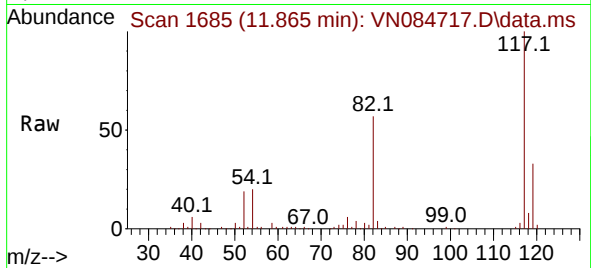




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

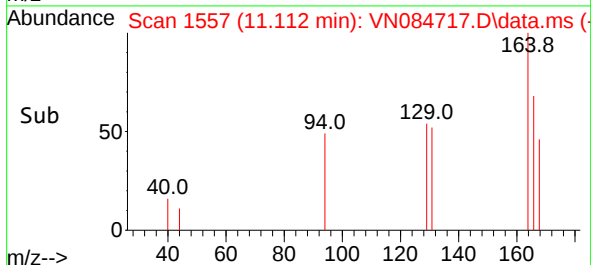
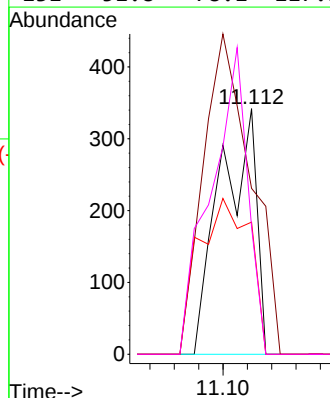
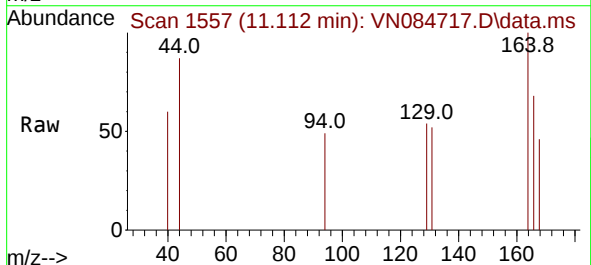
Instrument :  
MSVOA\_N  
ClientSampleId :

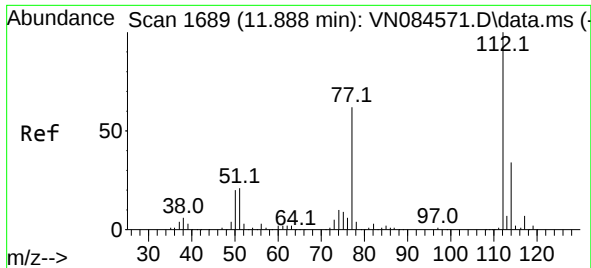
Tgt Ion:117 Resp: 224097  
Ion Ratio Lower Upper  
117 100  
82 56.9 47.2 70.8  
119 32.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 0.233 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.012 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion:164 Resp: 348  
Ion Ratio Lower Upper  
164 100  
166 67.5 101.0 151.4#  
129 53.8 80.8 121.2#  
131 51.8 78.1 117.1#

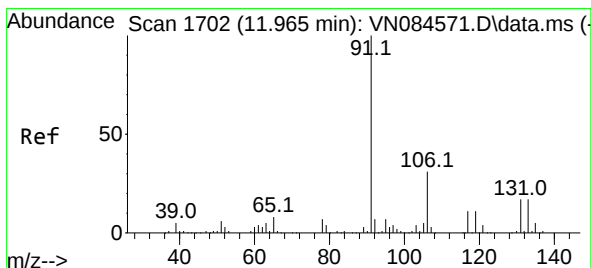
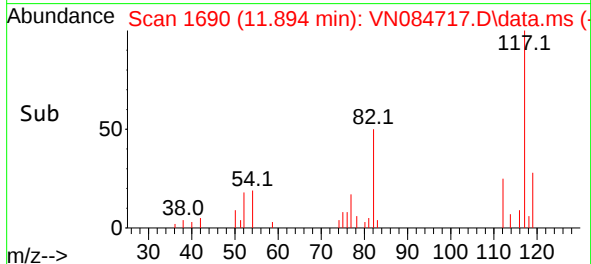
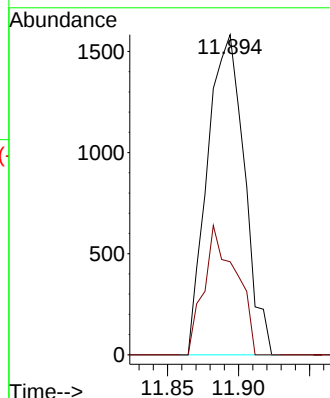
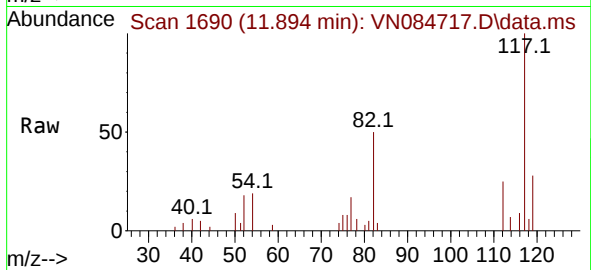




#65  
Chlorobenzene  
Concen: 0.570 ug/l  
RT: 11.894 min Scan# 11894  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

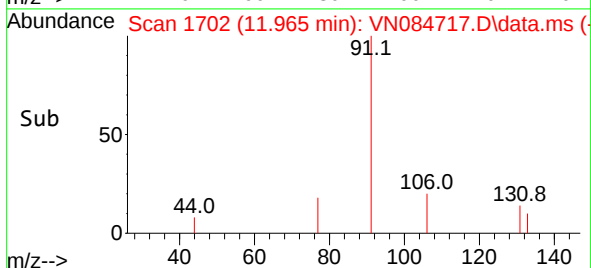
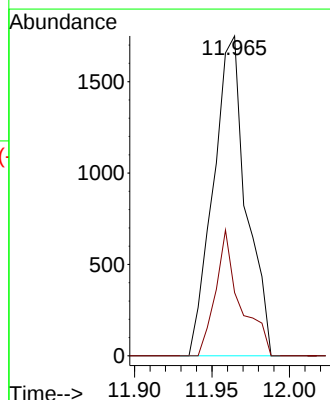
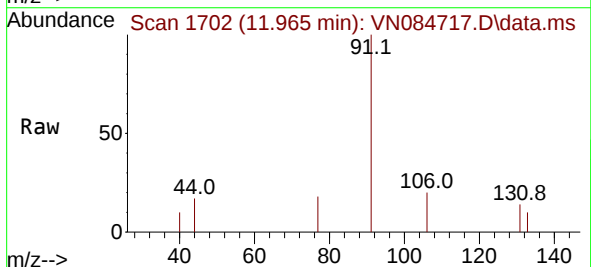
Instrument :  
MSVOA\_N  
ClientSampleId :

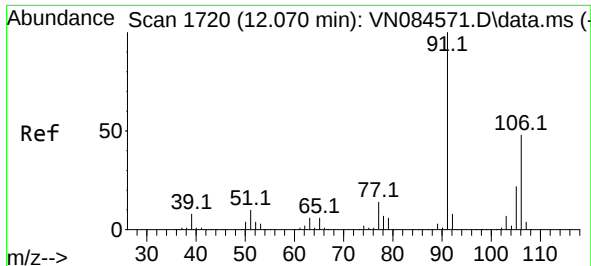
Tgt Ion:112 Resp: 2860  
Ion Ratio Lower Upper  
112 100  
114 29.1 27.0 40.6



#67  
Ethyl Benzene  
Concen: 0.309 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 91 Resp: 2583  
Ion Ratio Lower Upper  
91 100  
106 19.8 24.5 36.7#

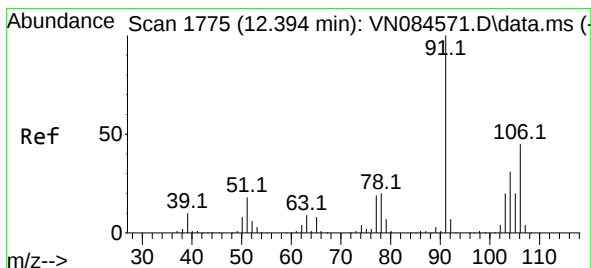
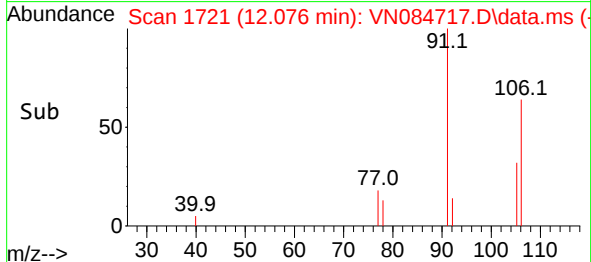
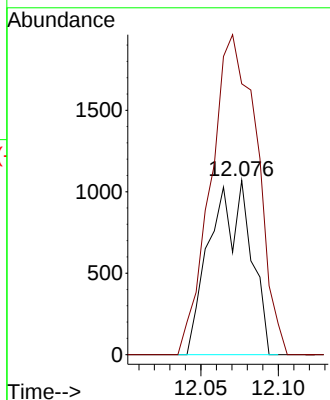
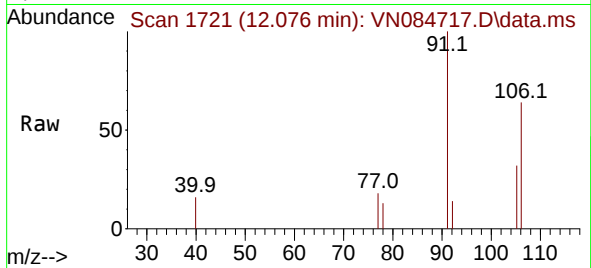




#68  
m/p-Xylenes  
Concen: 0.610 ug/l  
RT: 12.076 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

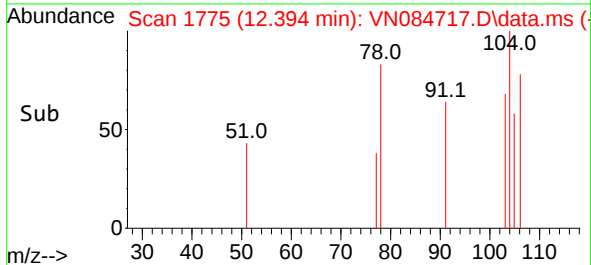
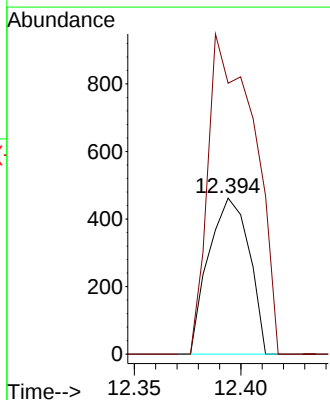
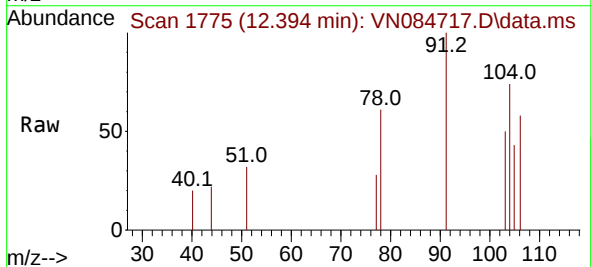
Instrument :  
MSVOA\_N  
ClientSampleId :

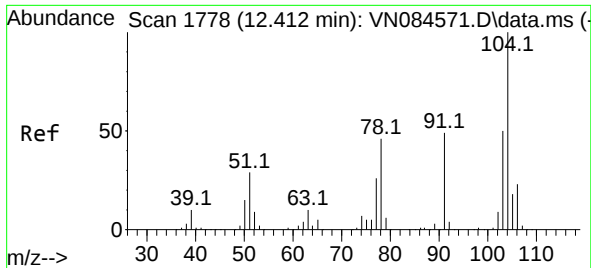
Tgt Ion:106 Resp: 1932  
Ion Ratio Lower Upper  
106 100  
91 210.7 167.1 250.7



#69  
o-Xylene  
Concen: 0.207 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion:106 Resp: 613  
Ion Ratio Lower Upper  
106 100  
91 232.6 110.2 330.6

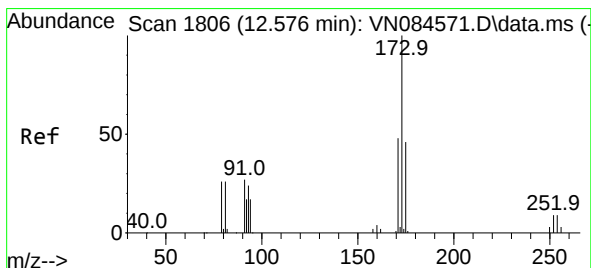
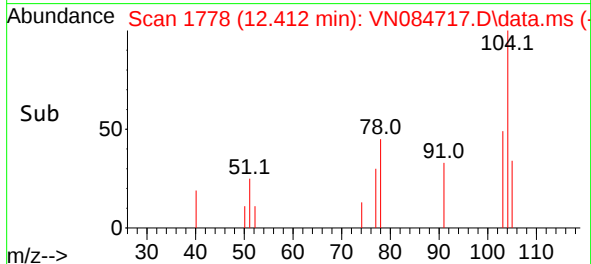
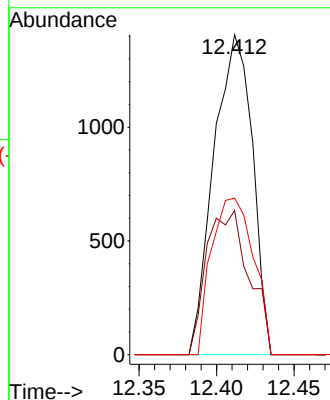
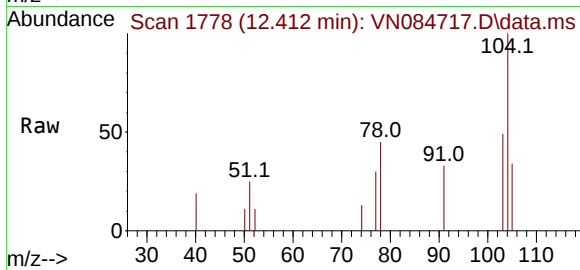




#70  
Styrene  
Concen: 0.471 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

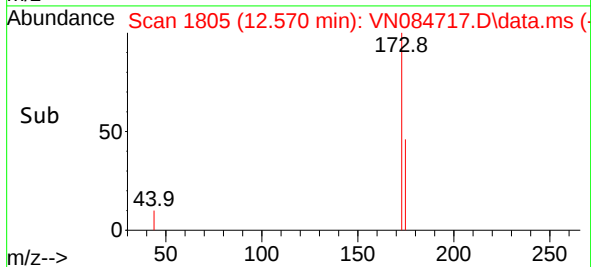
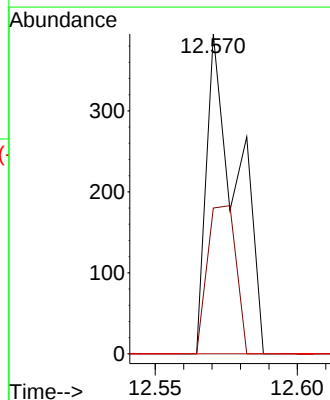
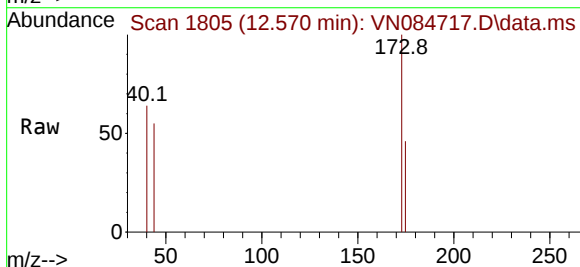
Instrument :  
MSVOA\_N  
ClientSampleId :

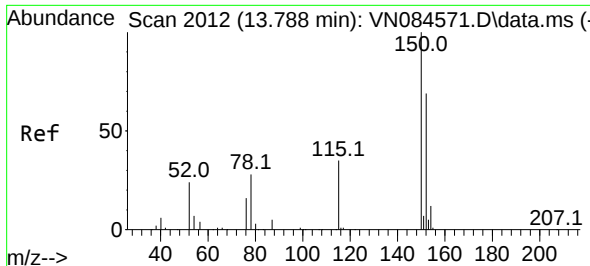
Tgt Ion:104 Resp: 2435  
Ion Ratio Lower Upper  
104 100  
78 49.8 42.7 64.1  
103 53.3 43.6 65.4



#71  
Bromoform  
Concen: 0.226 ug/l  
RT: 12.570 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

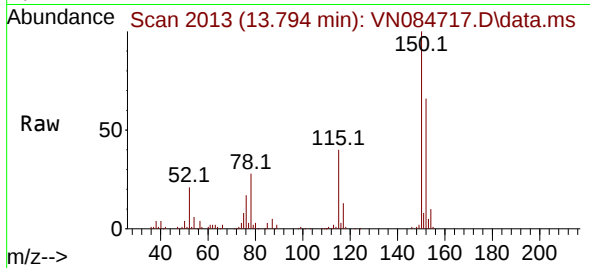
Tgt Ion:173 Resp: 296  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.5 70.6#  
254 0.0 0.0 0.0



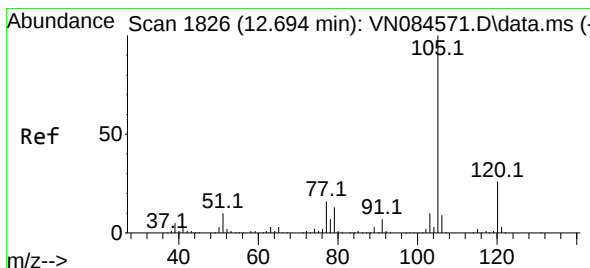
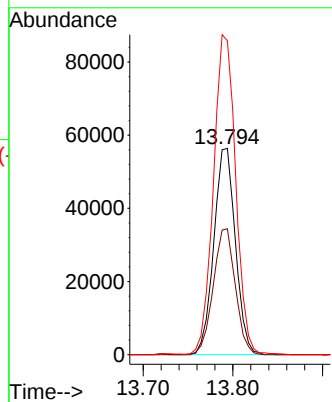
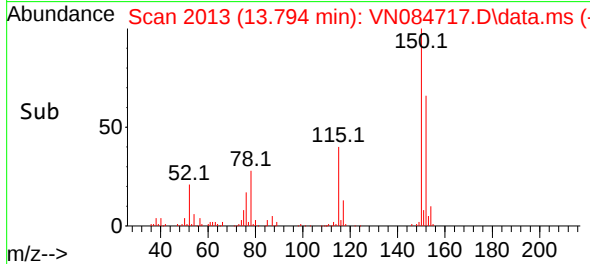


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2012  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :

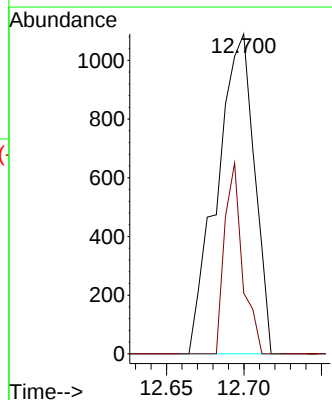
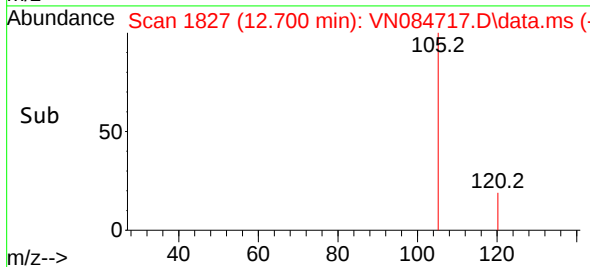
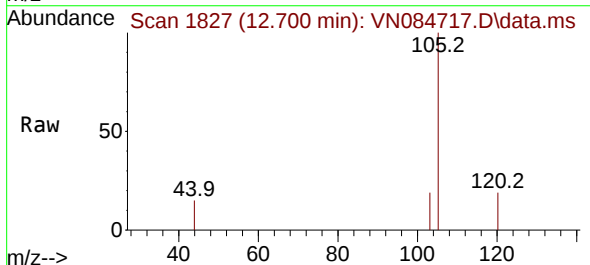


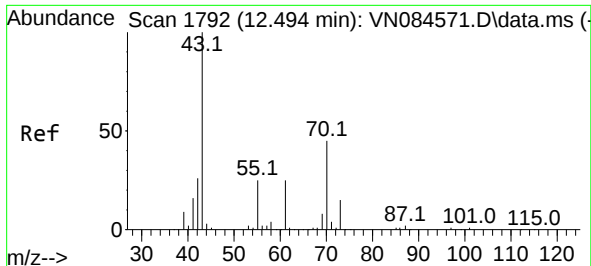
Tgt Ion:152 Resp: 94404  
Ion Ratio Lower Upper  
152 100  
115 62.2 31.3 93.9  
150 159.4 0.0 349.8



#73  
Isopropylbenzene  
Concen: 0.275 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion:105 Resp: 1821  
Ion Ratio Lower Upper  
105 100  
120 28.6 12.9 38.7

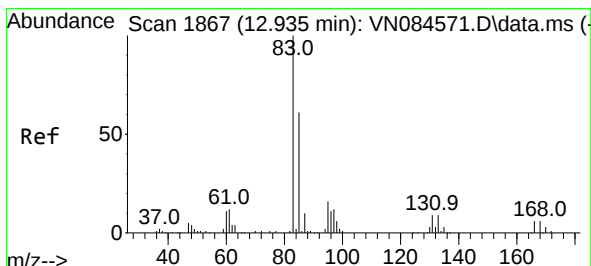
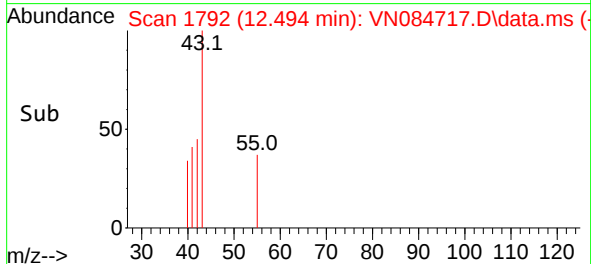
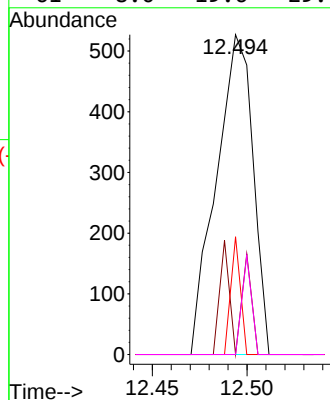
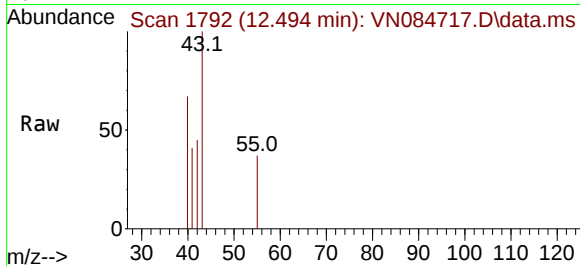




#74  
N-amy1 acetate  
Concen: 0.252 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

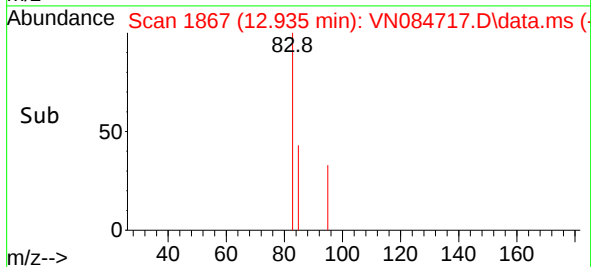
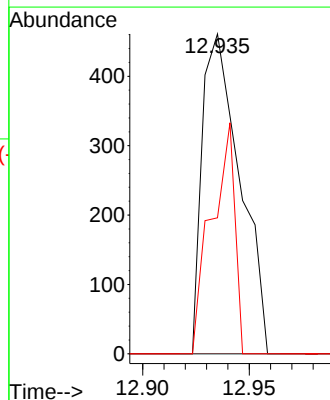
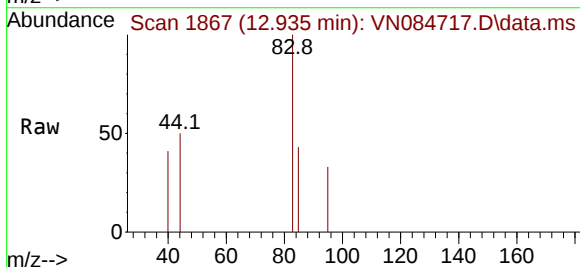
Instrument :  
MSVOA\_N  
ClientSampleId :

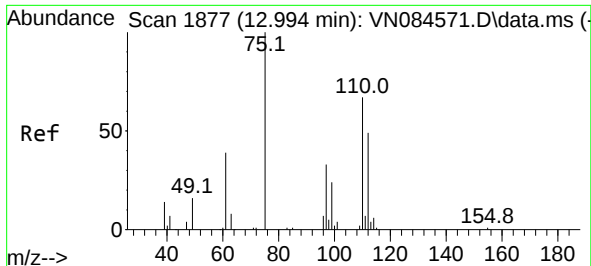
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 710   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 17.6     | 34.4 51.6#  |
| 55 9.6      | 19.6 29.4#  |
| 61 8.0      | 19.6 29.4#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.258 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 569   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 0.0     | 4.9 14.7#   |
| 85 44.6     | 31.9 95.7   |

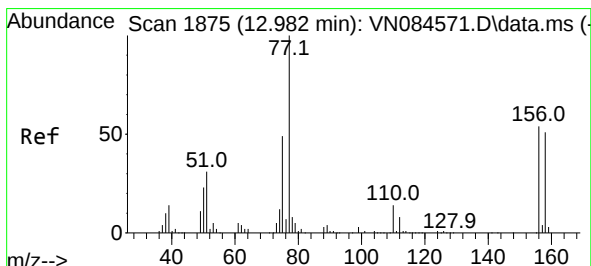
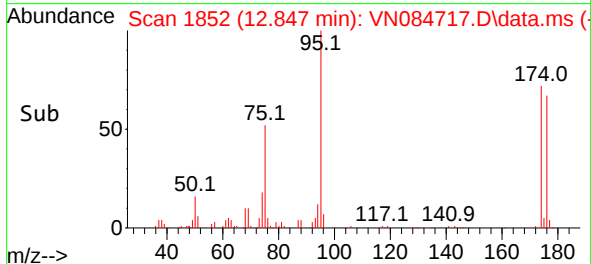
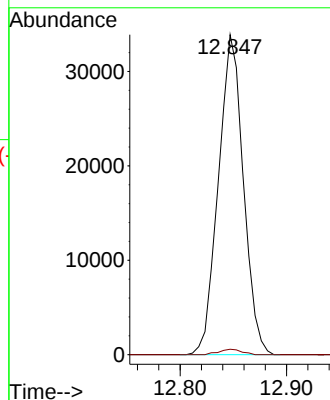
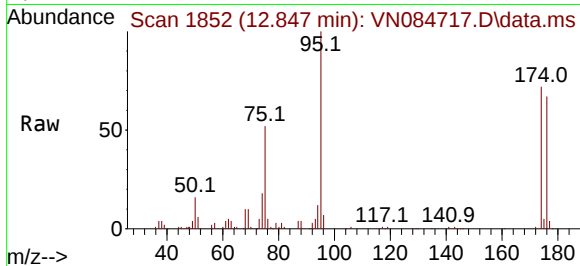




#76  
1,2,3-Trichloropropane  
Concen: 29.245 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.141 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

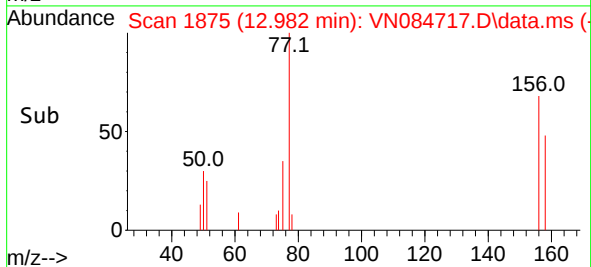
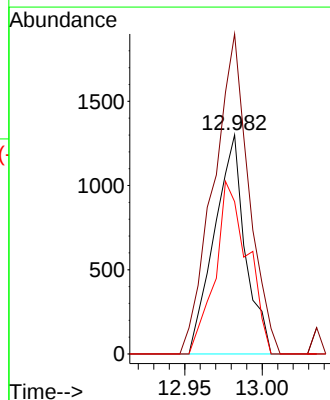
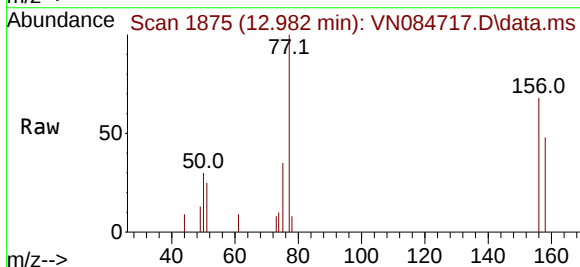
Instrument :  
MSVOA\_N  
ClientSampleId :

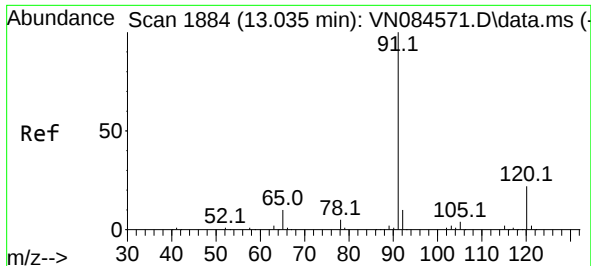
Tgt Ion: 75 Resp: 55188  
Ion Ratio Lower Upper  
75 100  
77 1.6 96.9 290.7#



#77  
Bromobenzene  
Concen: 1.012 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion:156 Resp: 1800  
Ion Ratio Lower Upper  
156 100  
77 167.6 115.1 345.3  
158 83.1 48.9 146.8

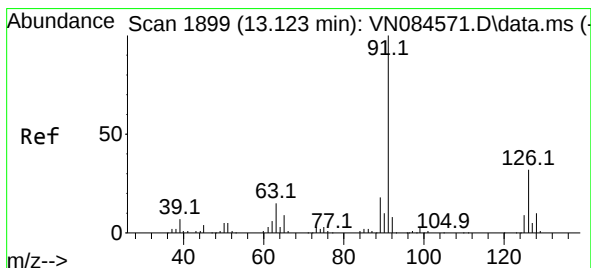
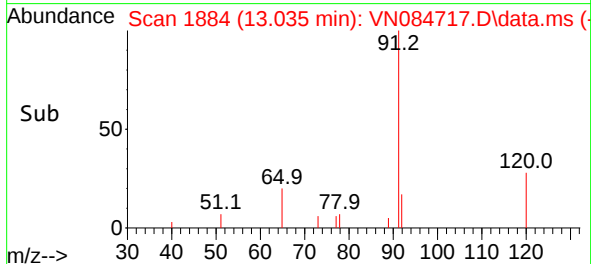
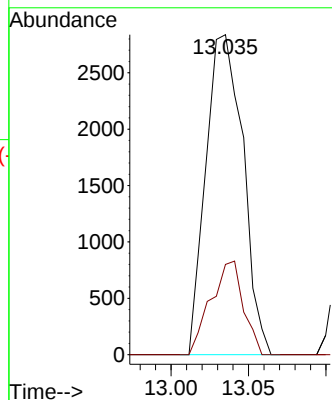
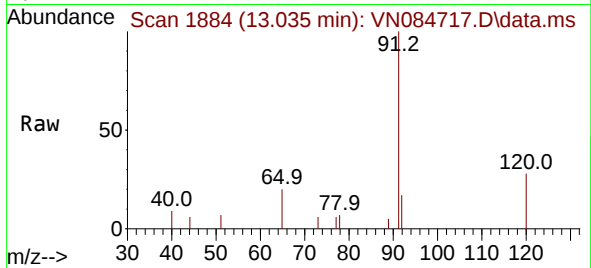




#78  
n-propylbenzene  
Concen: 0.609 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

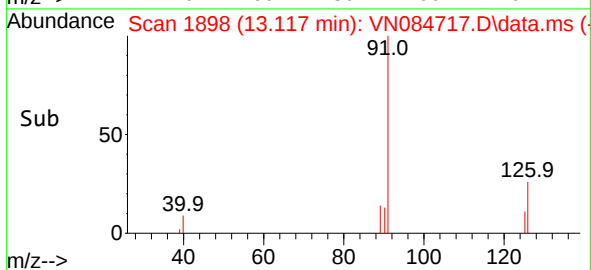
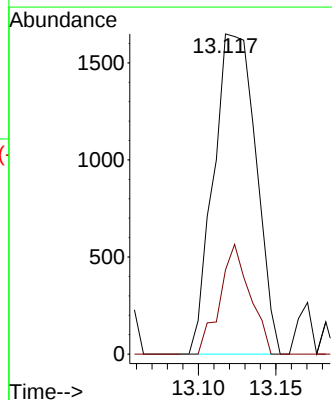
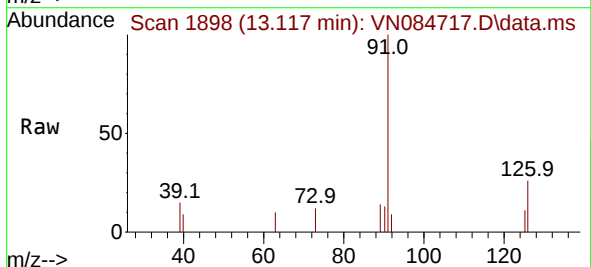
Instrument :  
MSVOA\_N  
ClientSampleId :

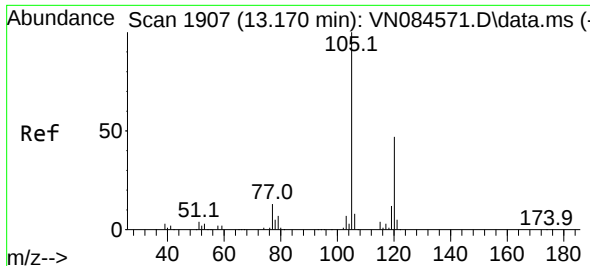
Tgt Ion: 91 Resp: 4722  
Ion Ratio Lower Upper  
91 100  
120 25.6 10.8 32.4



#79  
2-Chlorotoluene  
Concen: 0.620 ug/l  
RT: 13.117 min Scan# 1898  
Delta R.T. -0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 91 Resp: 3142  
Ion Ratio Lower Upper  
91 100  
126 24.2 15.7 47.1

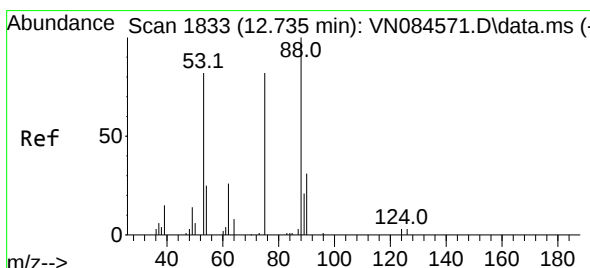
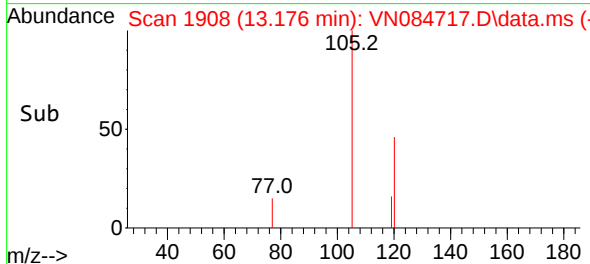
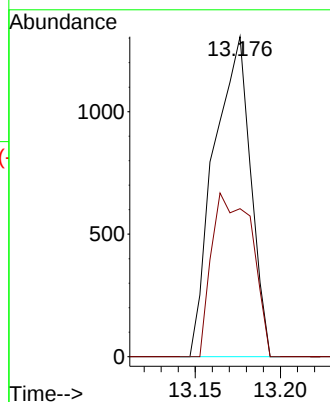
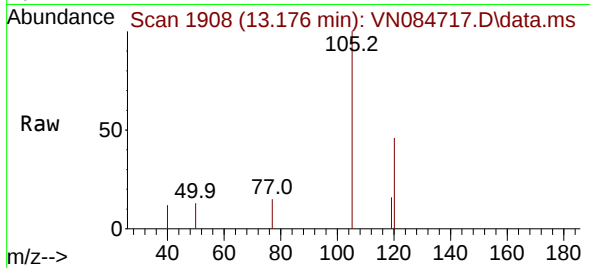




#80  
1,3,5-Trimethylbenzene  
Concen: 0.355 ug/l  
RT: 13.176 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

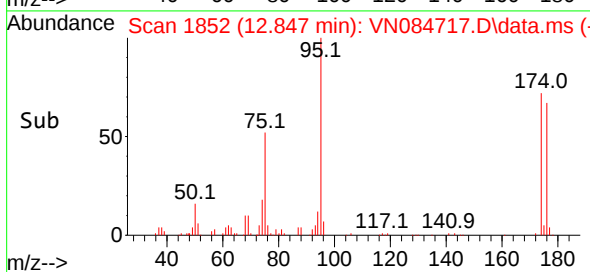
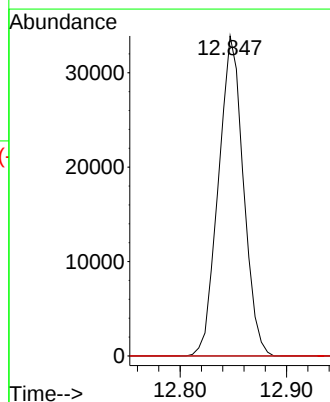
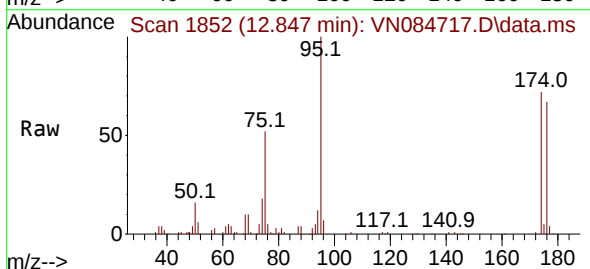
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MSVOA\_N  
ClientSampleId :

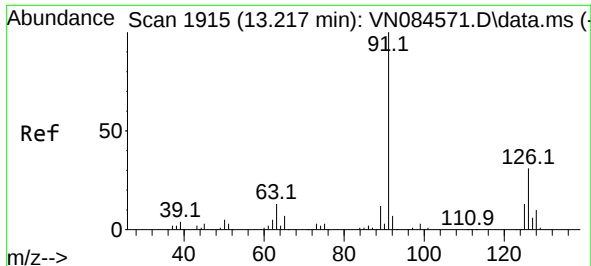
Tgt Ion:105 Resp: 1946  
Ion Ratio Lower Upper  
105 100  
120 56.3 23.7 71.1



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.381 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 75 Resp: 55188  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 35.5 53.3#

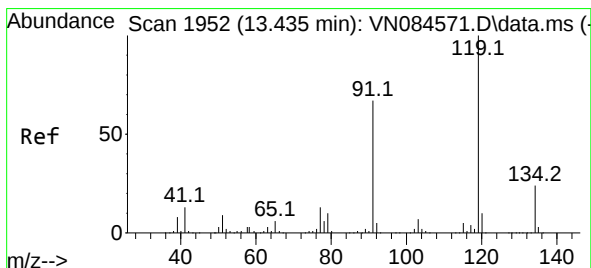
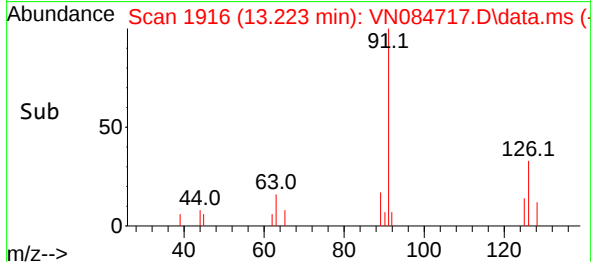
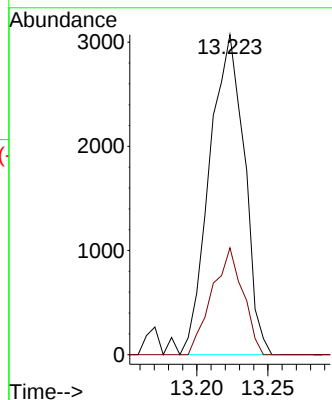
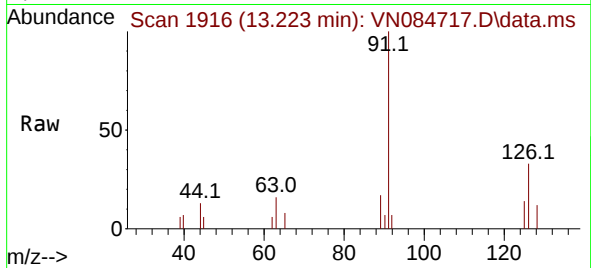




#82  
4-Chlorotoluene  
Concen: 0.983 ug/l  
RT: 13.223 min Scan# 1915  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

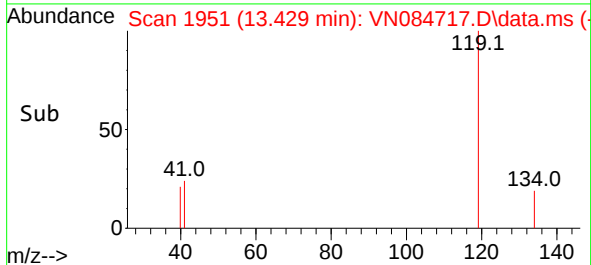
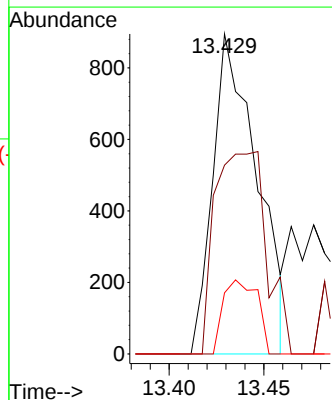
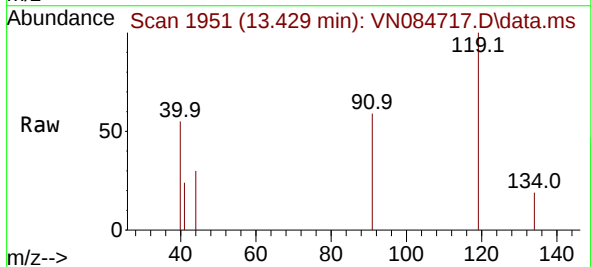
Instrument :  
MSVOA\_N  
ClientSampleId :

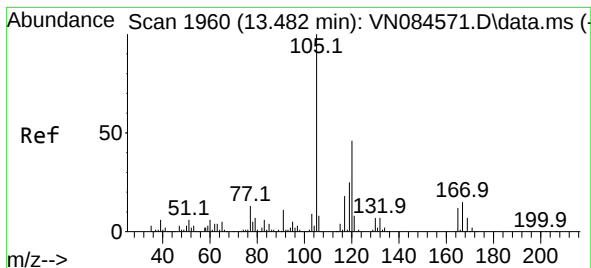
Tgt Ion: 91 Resp: 5239  
Ion Ratio Lower Upper  
91 100  
126 29.7 15.7 47.1



#83  
tert-Butylbenzene  
Concen: 0.320 ug/l  
RT: 13.429 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Tgt Ion: 119 Resp: 1451  
Ion Ratio Lower Upper  
119 100  
91 73.7 34.1 102.3  
134 17.9 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.406 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

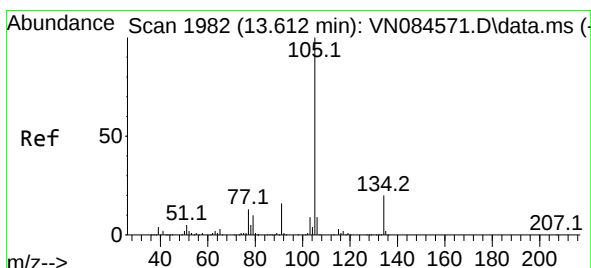
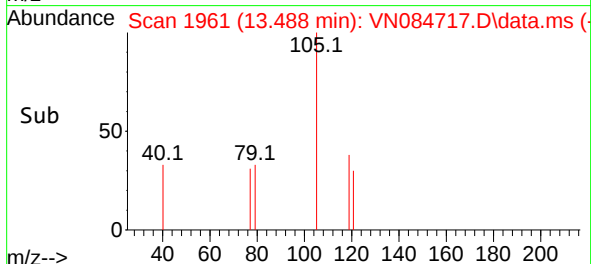
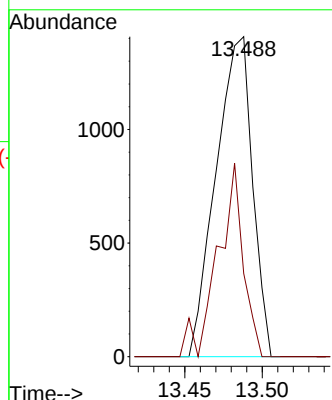
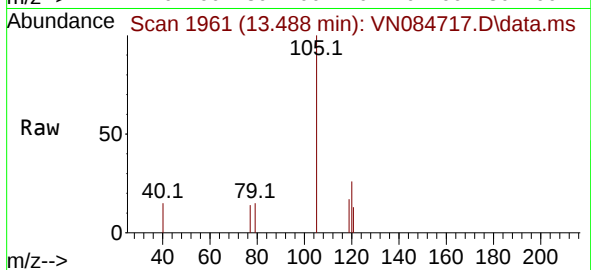
ClientSampleId :

Tgt Ion:105 Resp: 2299

Ion Ratio Lower Upper

105 100

120 42.1 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.506 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084717.D

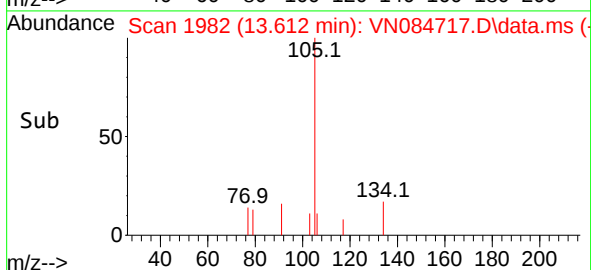
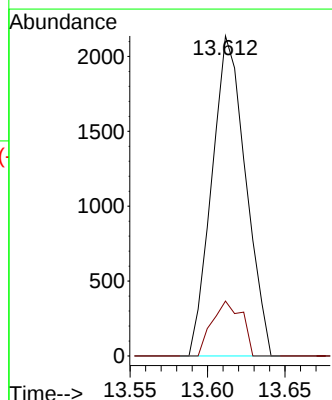
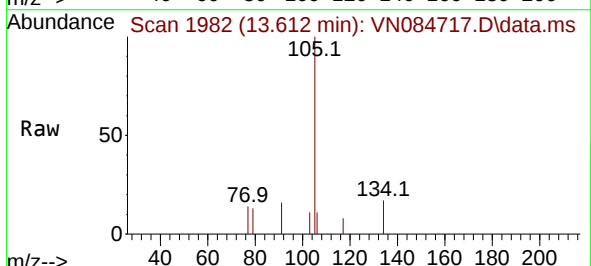
Acq: 07 Nov 2024 12:24

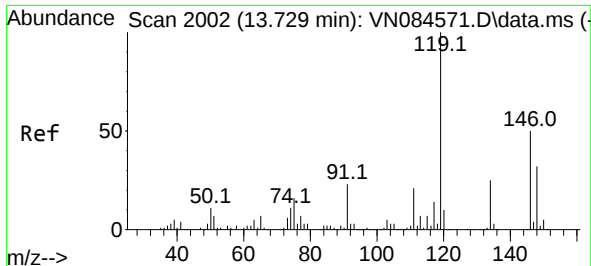
Tgt Ion:105 Resp: 3243

Ion Ratio Lower Upper

105 100

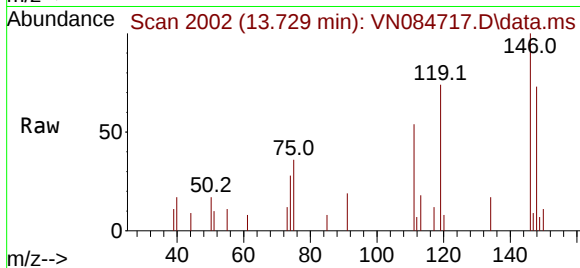
134 15.2 9.8 29.4



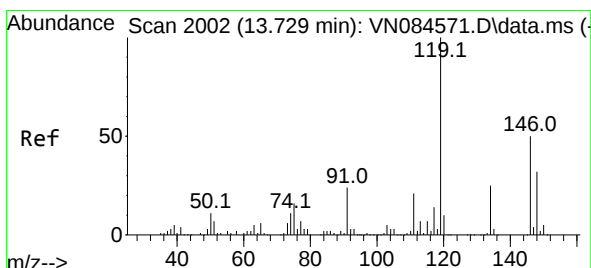
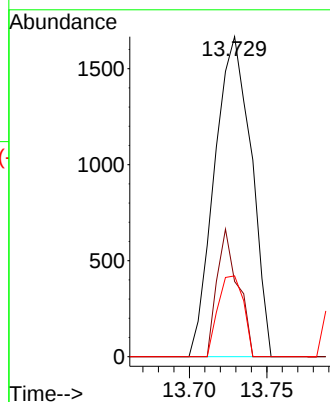
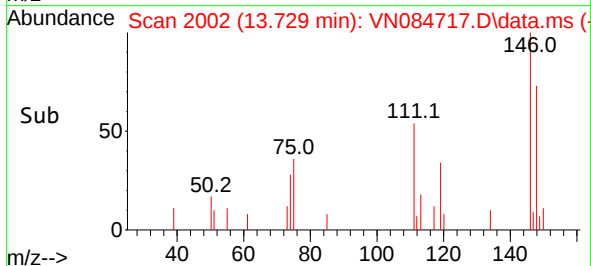


#86  
p-Isopropyltoluene  
Concen: 0.522 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

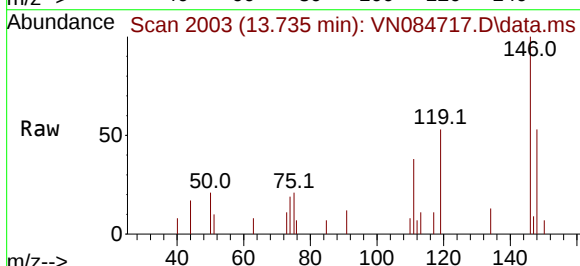
Instrument :  
MSVOA\_N  
ClientSampleId :



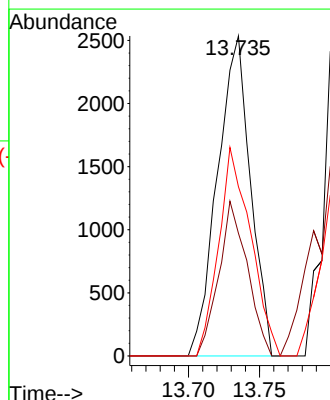
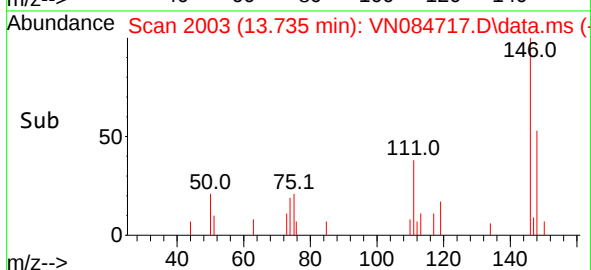
Tgt Ion:119 Resp: 2744  
Ion Ratio Lower Upper  
119 100  
134 22.8 12.6 37.8  
91 17.5 12.4 37.2

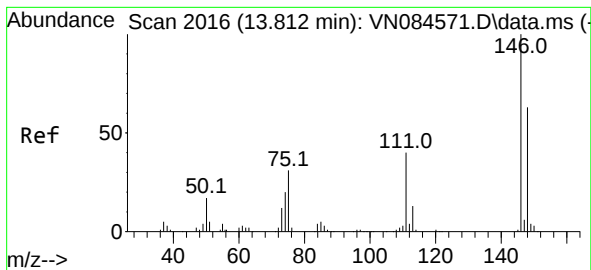


#87  
1,3-Dichlorobenzene  
Concen: 1.180 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24



Tgt Ion:146 Resp: 4094  
Ion Ratio Lower Upper  
146 100  
111 41.9 21.8 65.3  
148 63.5 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 0.849 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

ClientSampleId :

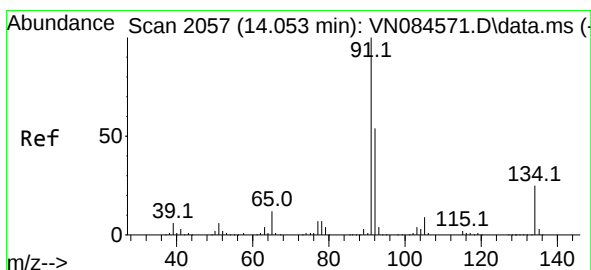
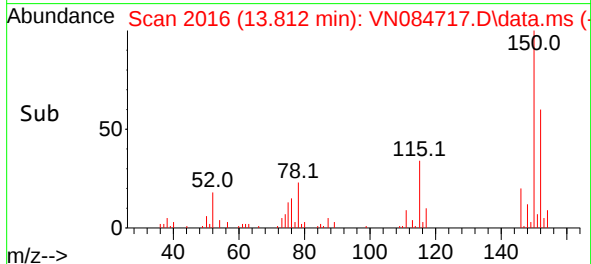
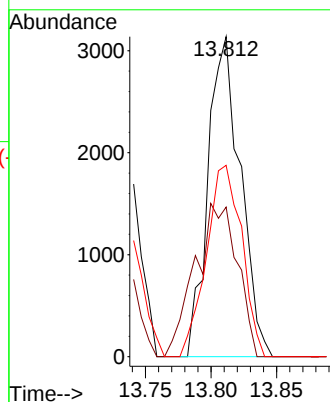
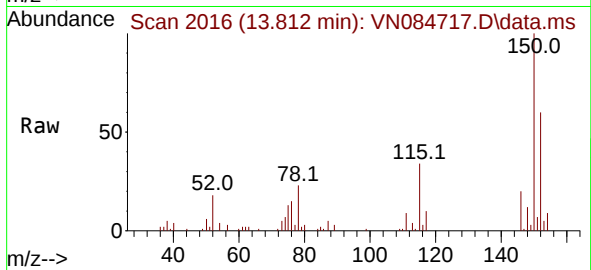
Tgt Ion:146 Resp: 5390

Ion Ratio Lower Upper

146 100

111 62.3 21.2 63.6

148 65.3 31.9 95.9



#89

n-Butylbenzene

Concen: 1.046 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

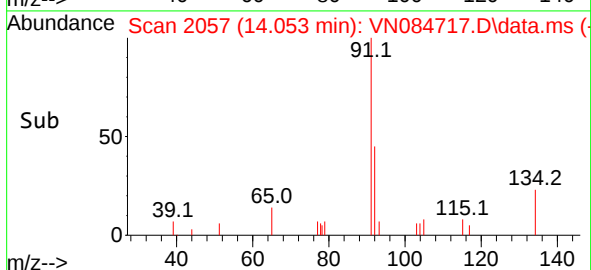
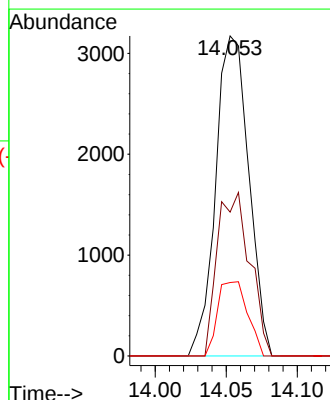
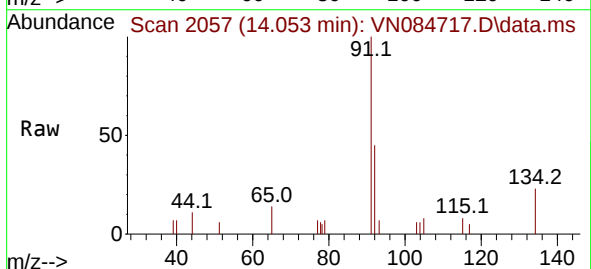
Tgt Ion: 91 Resp: 5144

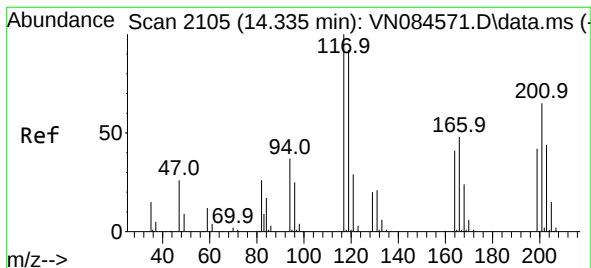
Ion Ratio Lower Upper

91 100

92 50.2 26.6 79.7

134 20.9 12.3 36.9





#90

Hexachloroethane

Concen: 0.284 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

Instrument :

MSVOA\_N

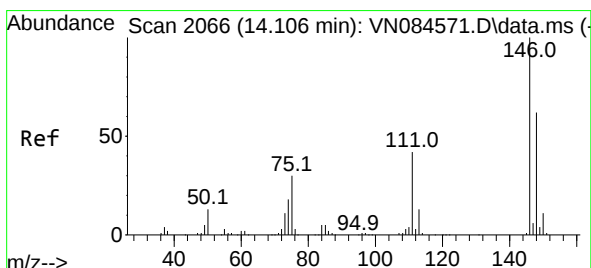
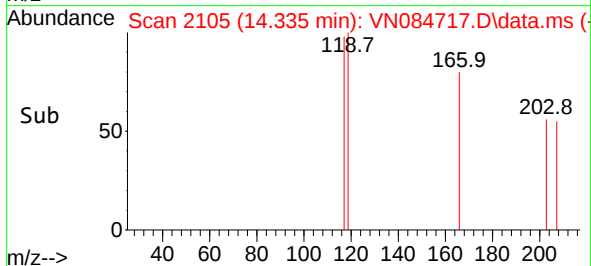
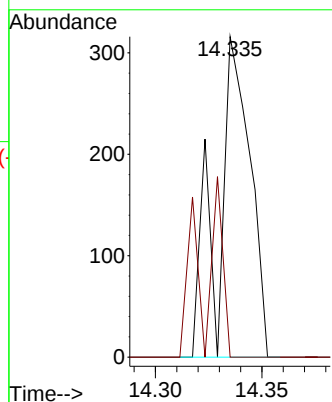
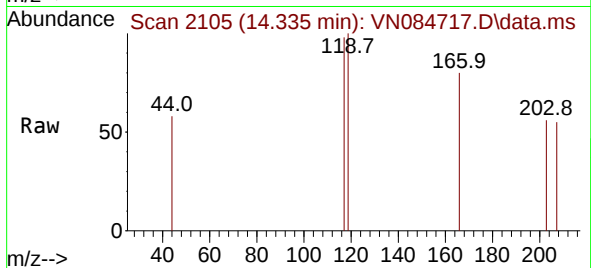
ClientSampleId :

Tgt Ion:117 Resp: 333

Ion Ratio Lower Upper

117 100

201 16.8 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.922 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084717.D

Acq: 07 Nov 2024 12:24

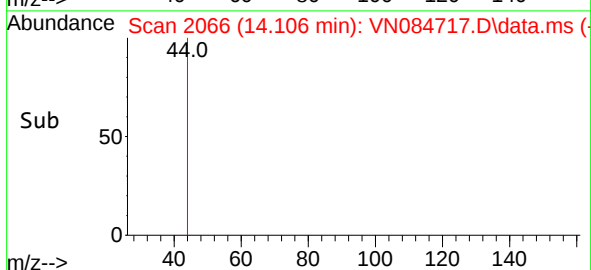
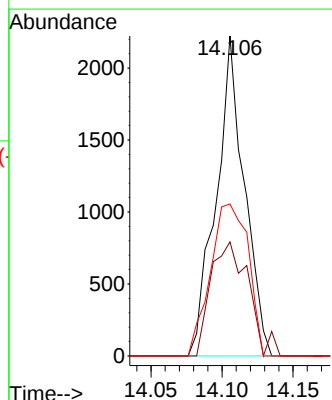
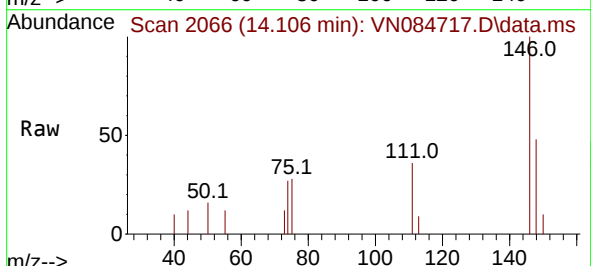
Tgt Ion:146 Resp: 3076

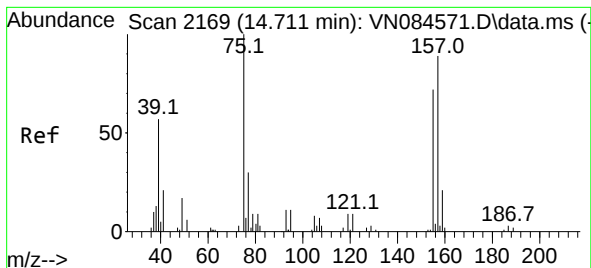
Ion Ratio Lower Upper

146 100

111 47.5 22.0 66.0

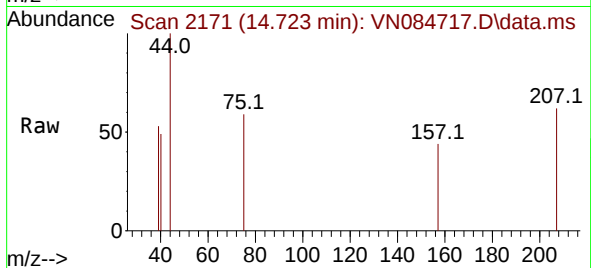
148 63.6 32.1 96.3



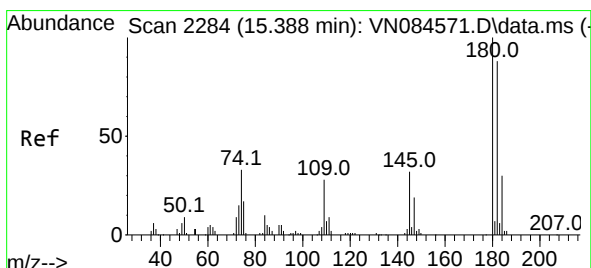
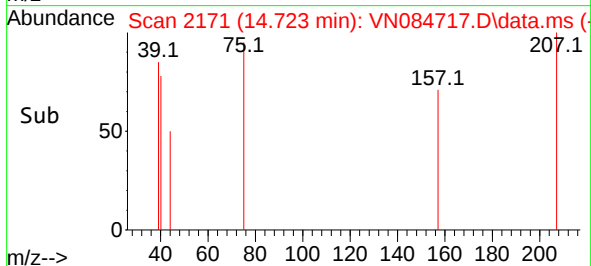
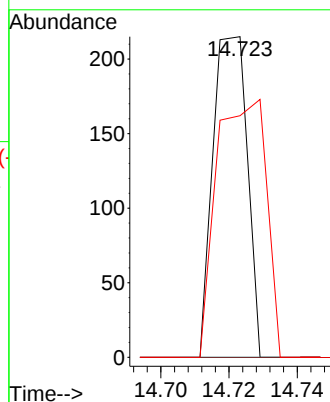


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.338 ug/l  
RT: 14.723 min Scan# 2169  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :

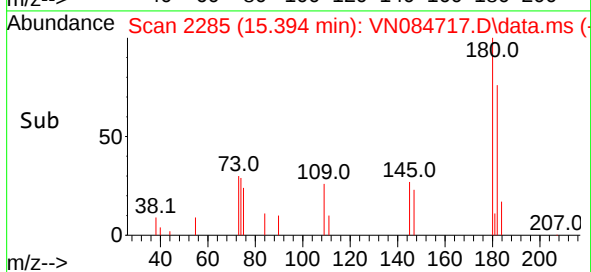
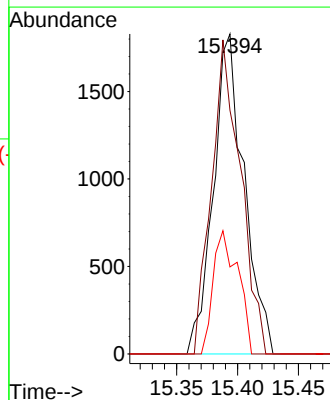
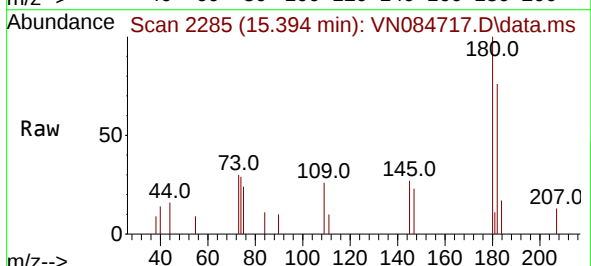


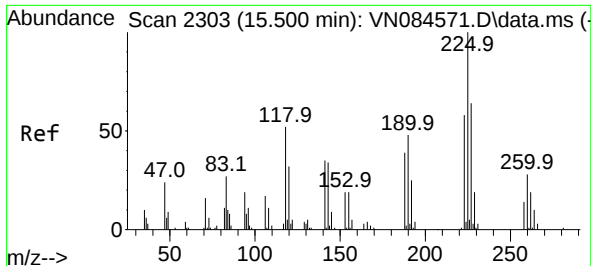
Tgt Ion: 75 Resp: 151  
Ion Ratio Lower Upper  
75 100  
155 0.0 38.1 114.5#  
157 115.2 49.6 149.0



#93  
1,2,4-Trichlorobenzene  
Concen: 1.757 ug/l  
RT: 15.394 min Scan# 2285  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

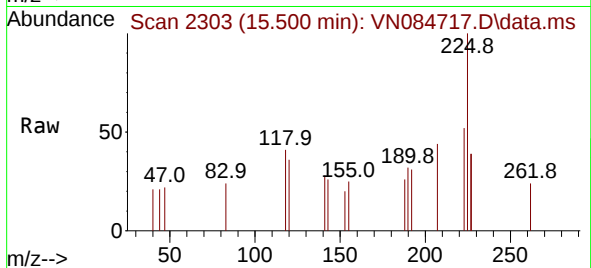
Tgt Ion: 180 Resp: 3208  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.0 141.0  
145 31.0 16.4 49.4



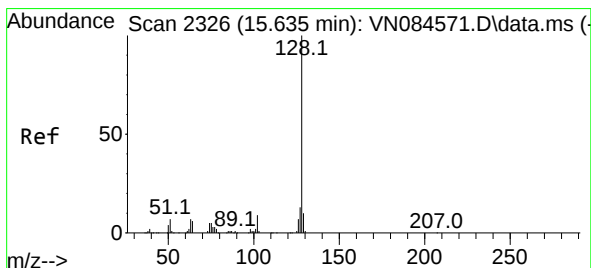
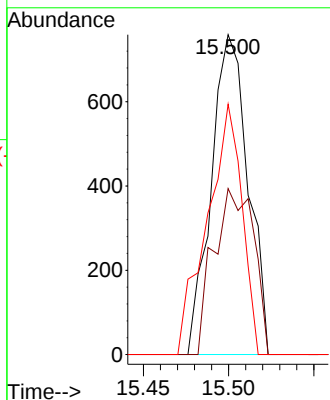
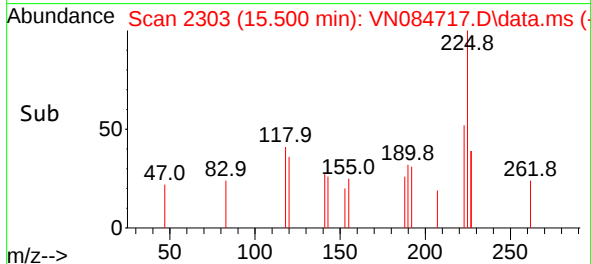


#94  
Hexachlorobutadiene  
Concen: 1.423 ug/l  
RT: 15.500 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :

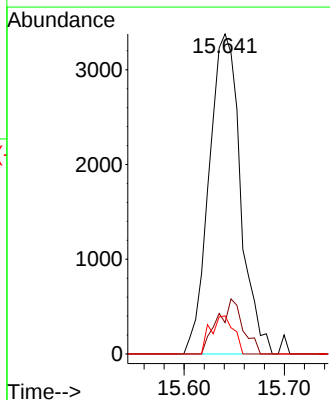
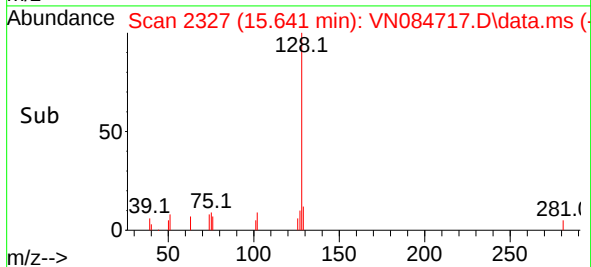
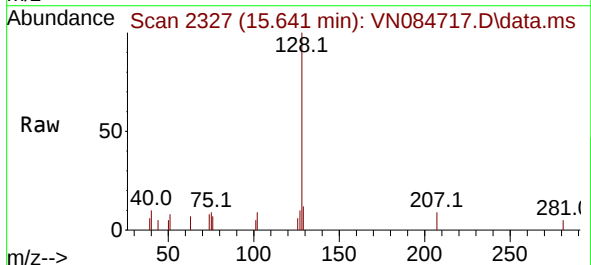


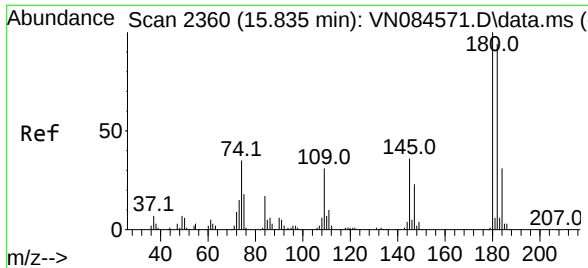
Tgt Ion:225 Resp: 1141  
Ion Ratio Lower Upper  
225 100  
223 56.4 32.4 97.2  
227 73.9 32.4 97.0



#95  
Naphthalene  
Concen: 1.347 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN084717.D  
Acq: 07 Nov 2024 12:24

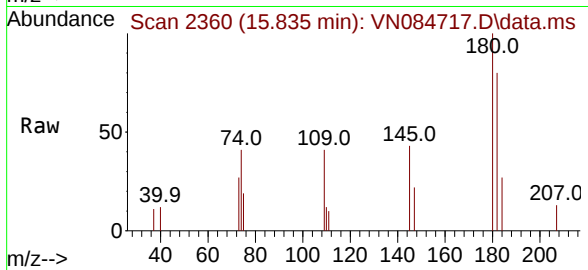
Tgt Ion:128 Resp: 7358  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.5 15.7  
129 8.8 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.740 ug/l  
 RT: 15.835 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN084717.D  
 Acq: 07 Nov 2024 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3084  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 89.6  | 48.2  | 144.6 |
| 145      | 37.4  | 17.3  | 51.9  |

