

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062422\  
 Data File : VN073089.D  
 Acq On : 24 Jun 2022 17:47  
 Operator : JC\MD  
 Sample : N3455-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-2-1

Quant Time: Jun 24 23:40:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

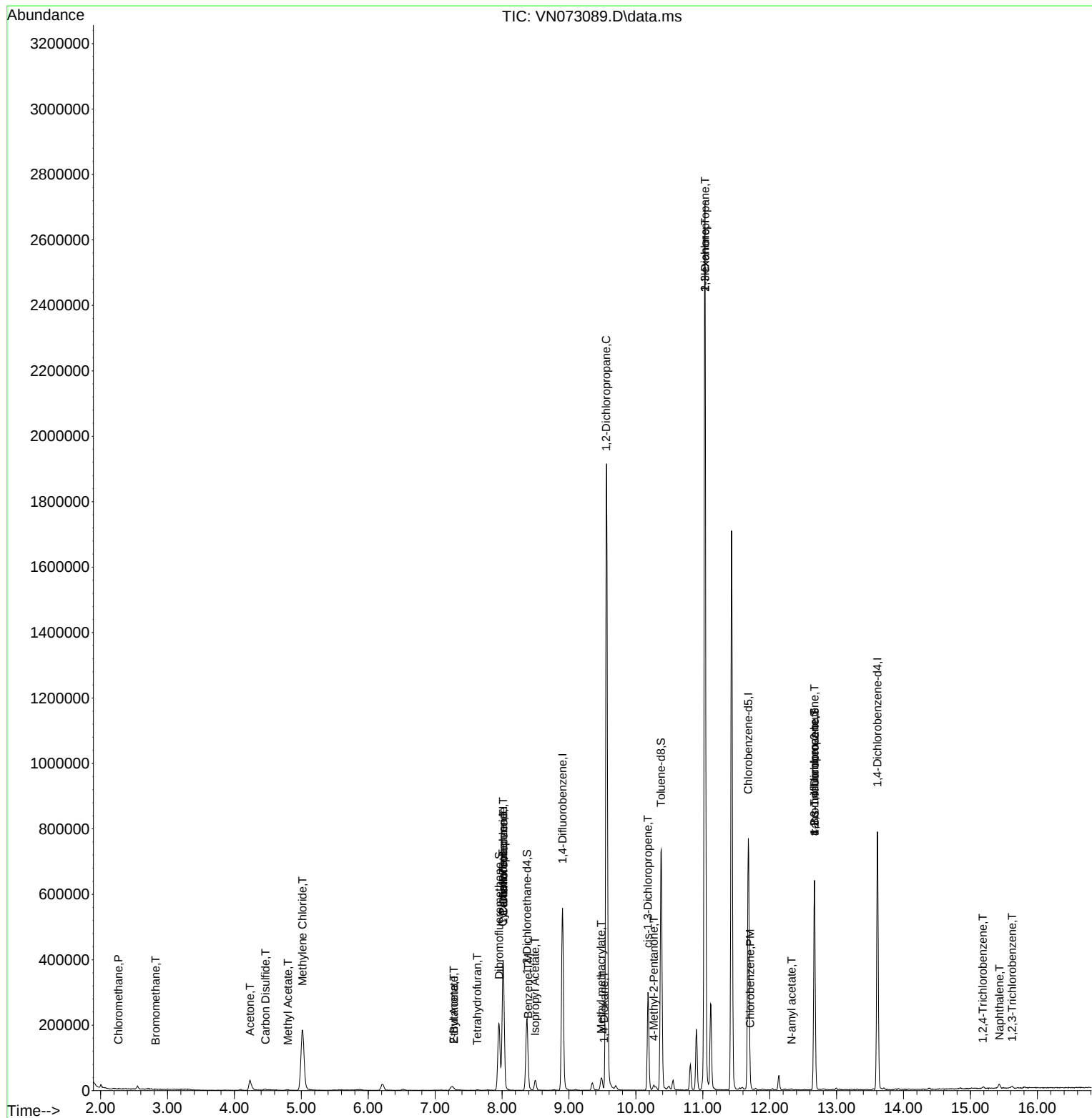
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.016          | 168  | 300600     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904          | 114  | 485597     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.680         | 117  | 446606     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.610         | 152  | 209381     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.375          | 65   | 182158     | 44.822    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 89.640%   |        |          |
| 35) Dibromofluoromethane      | 7.957          | 113  | 155884     | 51.937    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 103.880%  |        |          |
| 50) Toluene-d8                | 10.375         | 98   | 513955     | 46.019    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 92.040%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.669         | 95   | 217333     | 54.117    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 108.240%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 3) Chloromethane              | 2.269          | 50   | 707        | 0.796     | ug/l   | 98       |
| 5) Bromomethane               | 2.822          | 94   | 252        | 0.249     | ug/l # | 24       |
| 16) Acetone                   | 4.234          | 43   | 54830      | 24.544    | ug/l   | 95       |
| 17) Carbon Disulfide          | 4.463          | 76   | 7037       | 0.954     | ug/l # | 85       |
| 18) Methyl Acetate            | 4.798          | 43   | 3876       | 0.652     | ug/l # | 79       |
| 20) Methylene Chloride        | 5.016          | 84   | 153856     | 44.374    | ug/l   | 94       |
| 25) 2-Butanone                | 7.281          | 43   | 10807      | 3.049     | ug/l # | 66       |
| 26) 2,2-Dichloropropane       | 7.234          | 77   | 253        | Below Cal |        | 96       |
| 29) Tetrahydrofuran           | 7.628          | 42   | 970        | 0.414     | ug/l   | 95       |
| 31) Cyclohexane               | 8.010          | 56   | 7558       | 1.375     | ug/l # | 24       |
| 36) 1,1-Dichloropropene       | 8.022          | 75   | 24558      | 6.047     | ug/l # | 50       |
| 37) Ethyl Acetate             | 7.281          | 43   | 10807      | 1.664     | ug/l # | 67       |
| 38) Carbon Tetrachloride      | 8.016          | 117  | 30215      | 7.073     | ug/l # | 17       |
| 40) Benzene                   | 8.392          | 78   | 3520       | 0.276     | ug/l # | 77       |
| 43) Isopropyl Acetate         | 8.492          | 43   | 37322      | 4.019     | ug/l # | 86       |
| 45) 1,2-Dichloropropane       | 9.557          | 63   | 2187       | 0.670     | ug/l # | 44       |
| 48) Methyl methacrylate       | 9.481          | 41   | 12659      | 2.986     | ug/l # | 10       |
| 49) 1,4-Dioxane               | 9.522          | 88   | 87         | 0.912     | ug/l # | 25       |
| 51) 4-Methyl-2-Pentanone      | 10.269         | 43   | 9945       | 1.642     | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.180         | 75   | 53187      | 10.327    | ug/l # | 65       |
| 57) 1,3-Dichloropropane       | 11.033         | 76   | 28039      | 4.912     | ug/l # | 42       |
| 59) 2-Hexanone                | 11.033         | 43   | 440298     | 94.011    | ug/l # | 44       |
| 65) Chlorobenzene             | 11.710         | 112  | 3578       | 0.410     | ug/l   | 94       |
| 74) N-amyl acetate            | 12.327         | 43   | 2007       | 0.239     | ug/l # | 68       |
| 76) 1,2,3-Trichloropropane    | 12.669         | 75   | 111981     | 22.059    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.669         | 75   | 111981     | 59.573    | ug/l # | 10       |
| 93) 1,2,4-Trichlorobenzene    | 15.186         | 180  | 1924       | 0.481     | ug/l   | 88       |
| 95) Naphthalene               | 15.433         | 128  | 13406      | 0.829     | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.621         | 180  | 2384       | 0.558     | ug/l   | 90       |
| -----                         |                |      |            |           |        |          |

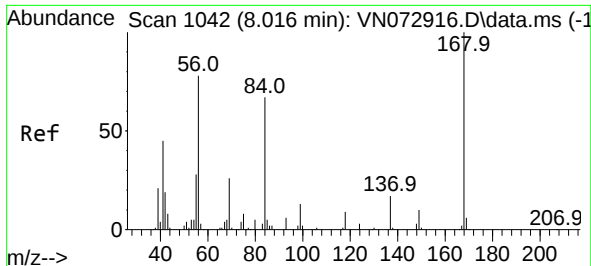
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062422\  
Data File : VN073089.D  
Acq On : 24 Jun 2022 17:47  
Operator : JC\MD  
Sample : N3455-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

Quant Time: Jun 24 23:40:12 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
Response via : Initial Calibration

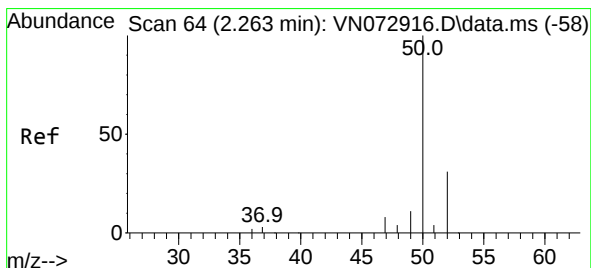
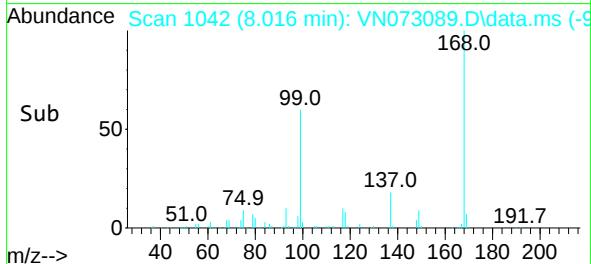
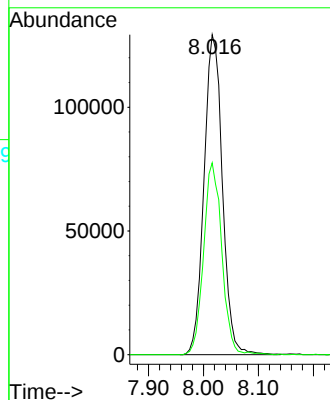
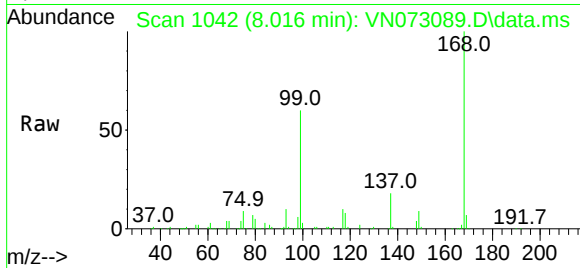




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

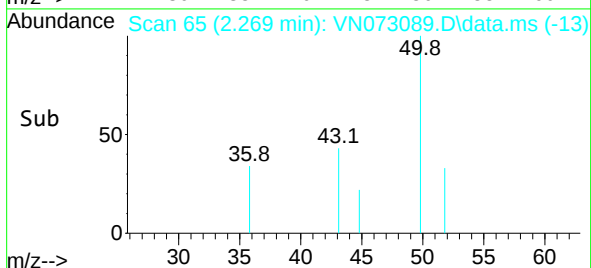
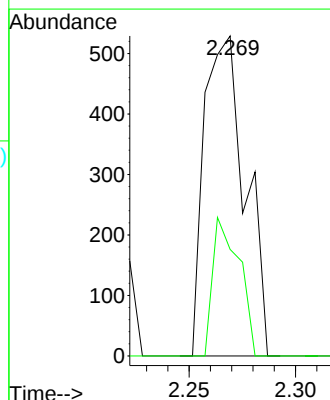
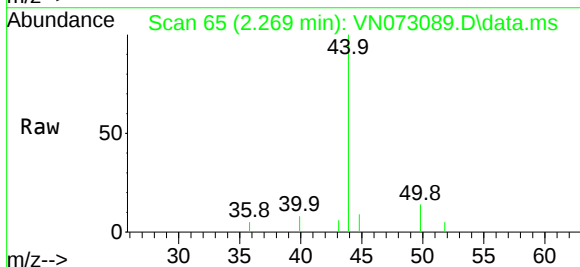
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

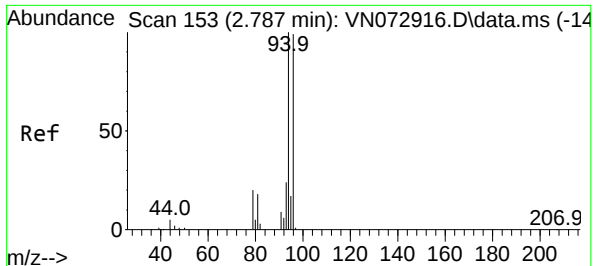
Tgt Ion:168 Resp: 300600  
Ion Ratio Lower Upper  
168 100  
99 60.0 42.3 63.5



#3  
Chloromethane  
Concen: 0.796 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.006 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 50 Resp: 707  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.7 38.5

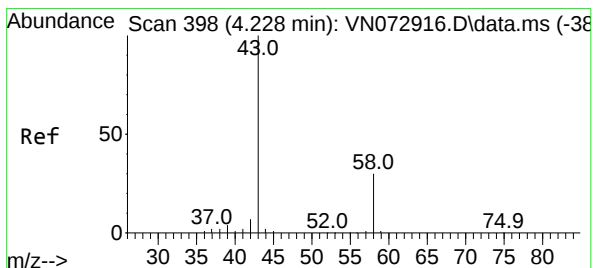
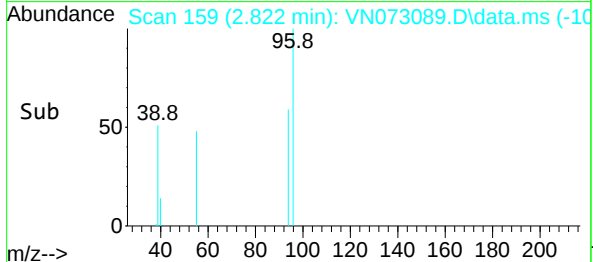
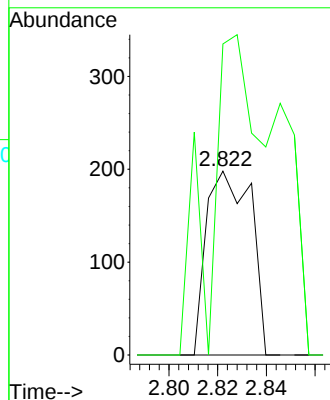
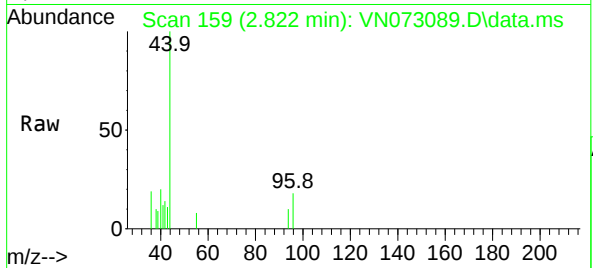




#5  
Bromomethane  
Concen: 0.249 ug/l  
RT: 2.822 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

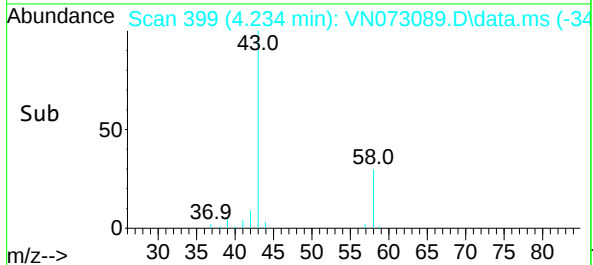
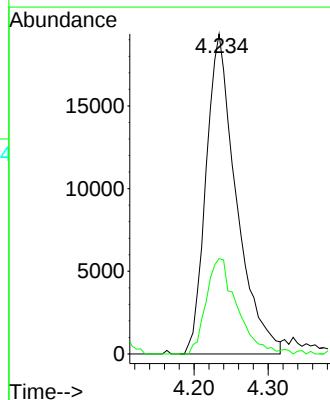
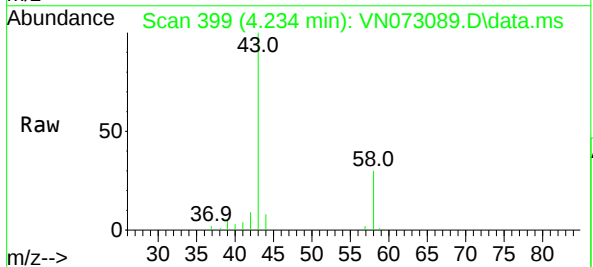
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

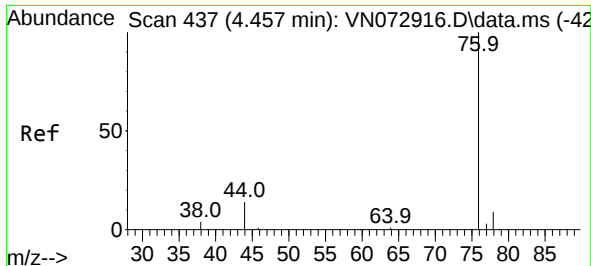
Tgt Ion: 94 Resp: 252  
Ion Ratio Lower Upper  
94 100  
96 169.2 76.0 114.0#



#16  
Acetone  
Concen: 24.544 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 43 Resp: 54830  
Ion Ratio Lower Upper  
43 100  
58 29.8 26.0 39.0





#17

Carbon Disulfide

Concen: 0.954 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

Instrument :

MSVOA\_N

ClientSampleId :

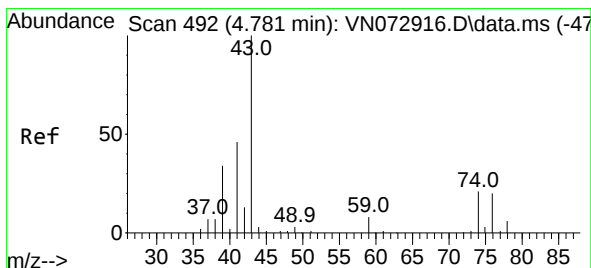
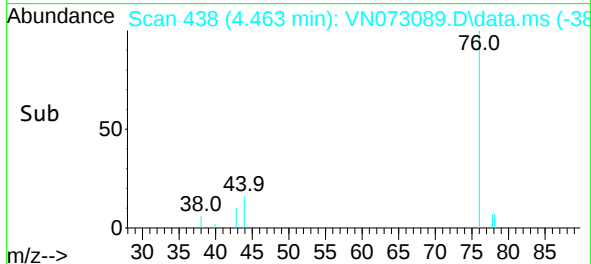
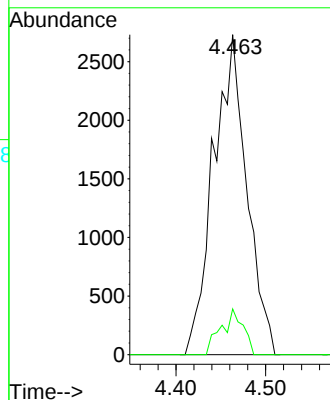
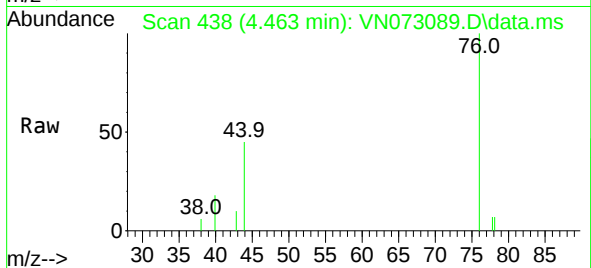
SP-EXC-2-1

Tgt Ion: 76 Resp: 7037

Ion Ratio Lower Upper

76 100

78 14.3 7.2 10.8#



#18

Methyl Acetate

Concen: 0.652 ug/l

RT: 4.798 min Scan# 495

Delta R.T. 0.018 min

Lab File: VN073089.D

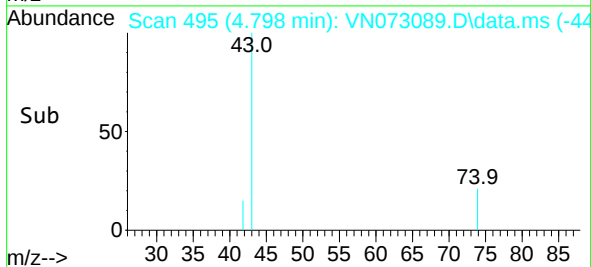
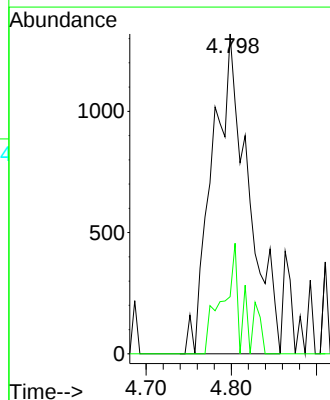
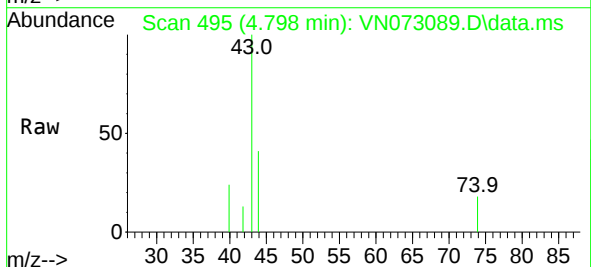
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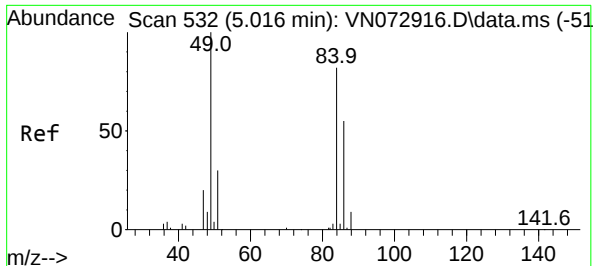
Tgt Ion: 43 Resp: 3876

Ion Ratio Lower Upper

43 100

74 16.3 21.6 32.4#

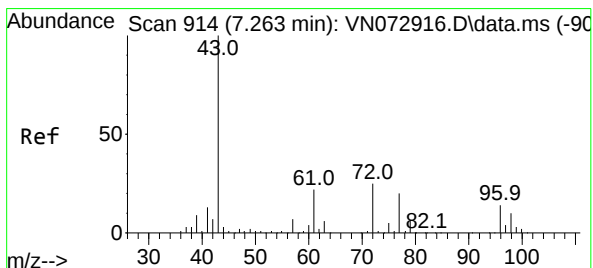
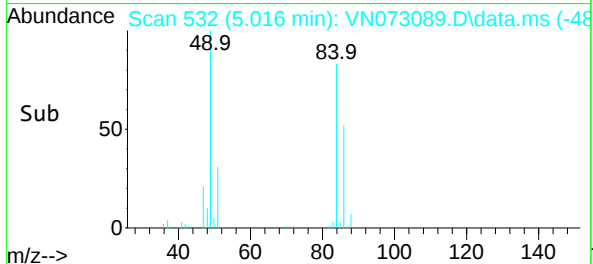
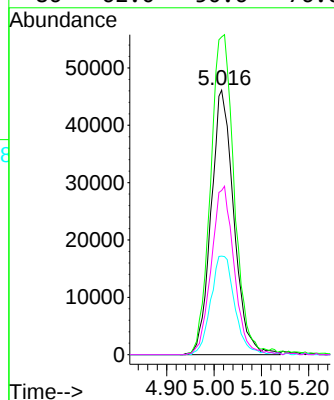
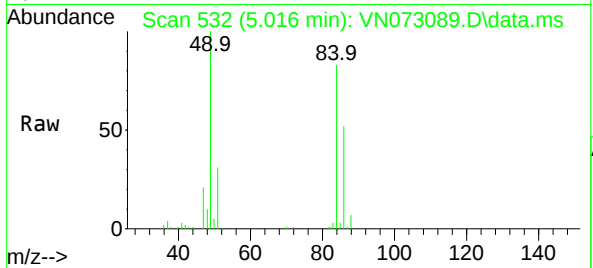




#20  
Methylene Chloride  
Concen: 44.374 ug/l  
RT: 5.016 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

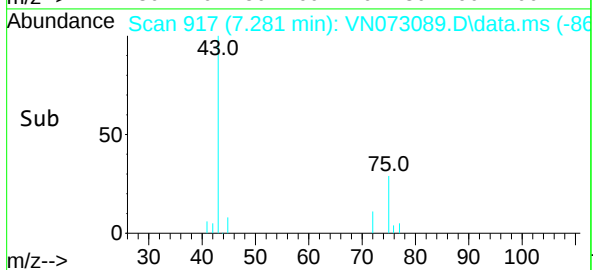
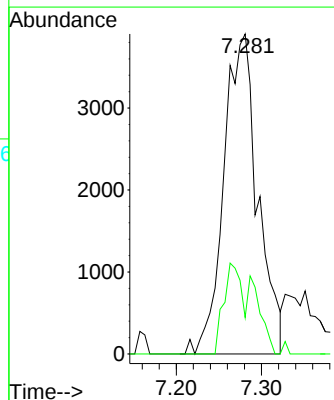
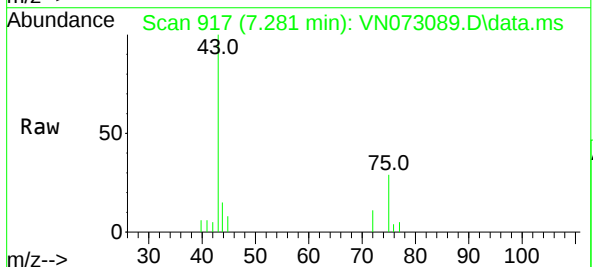
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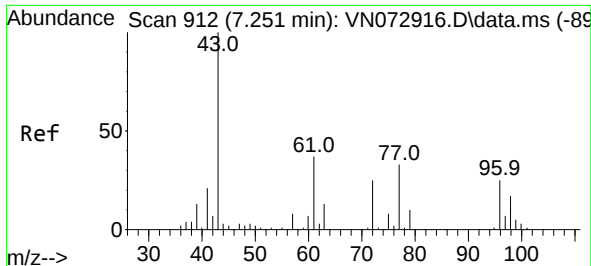
Tgt Ion: 84 Resp: 153856  
Ion Ratio Lower Upper  
84 100  
49 120.2 88.3 132.5  
51 37.3 28.2 42.2  
86 62.0 50.6 76.0



#25  
2-Butanone  
Concen: 3.049 ug/l  
RT: 7.281 min Scan# 917  
Delta R.T. 0.018 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 43 Resp: 10807  
Ion Ratio Lower Upper  
43 100  
72 11.4 23.7 35.5#

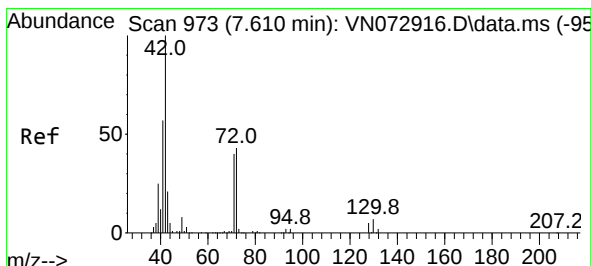
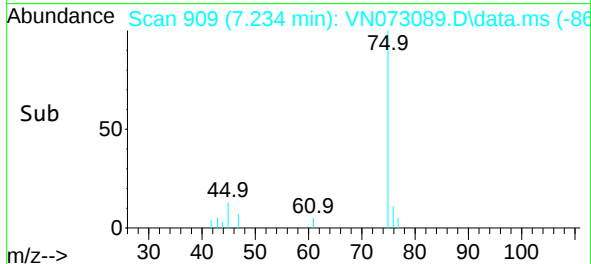
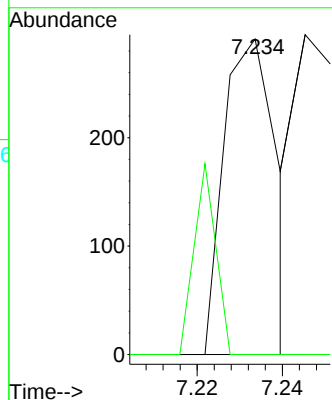
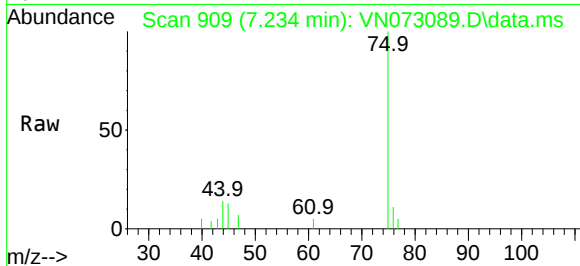




#26  
2,2-Dichloropropane  
Concen: Below Cal  
RT: 7.234 min Scan# 909  
Delta R.T. -0.017 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

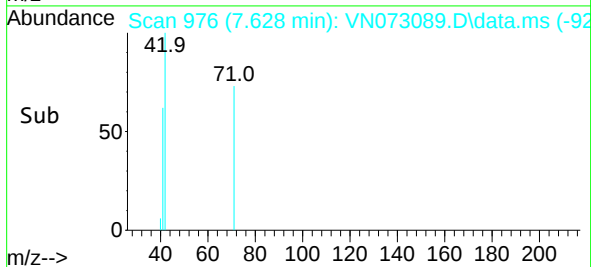
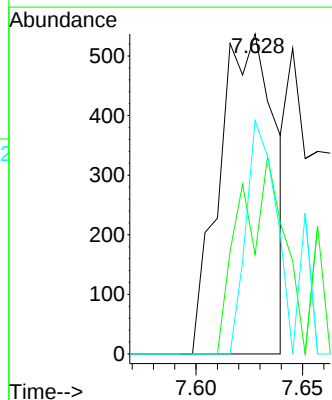
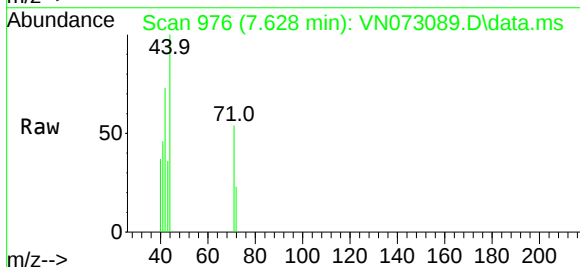
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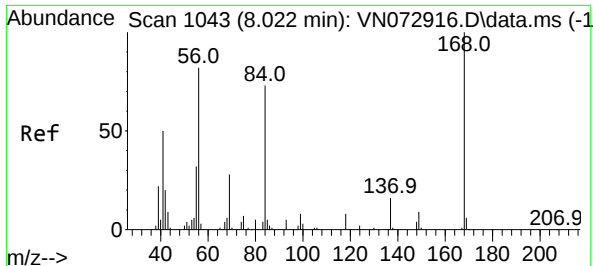
Tgt Ion: 77 Resp: 253  
Ion Ratio Lower Upper  
77 100  
97 24.5 11.4 34.2



#29  
Tetrahydrofuran  
Concen: 0.414 ug/l  
RT: 7.628 min Scan# 976  
Delta R.T. 0.018 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 42 Resp: 970  
Ion Ratio Lower Upper  
42 100  
72 48.6 39.7 59.5  
71 39.4 36.6 55.0

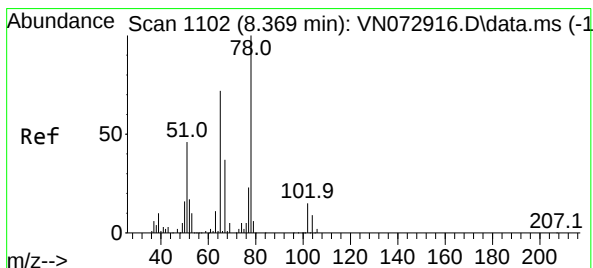
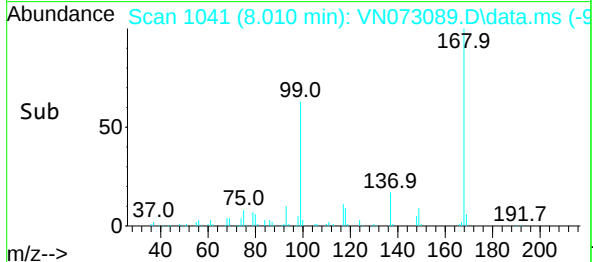
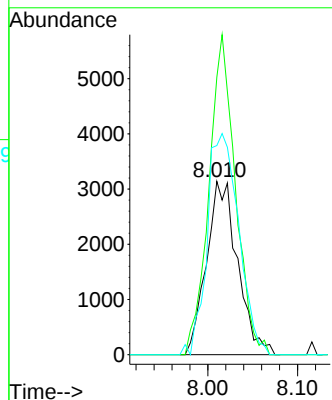
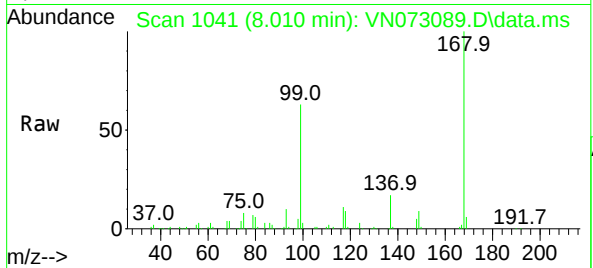




#31  
Cyclohexane  
Concen: 1.375 ug/l  
RT: 8.010 min Scan# 1103  
Delta R.T. -0.012 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

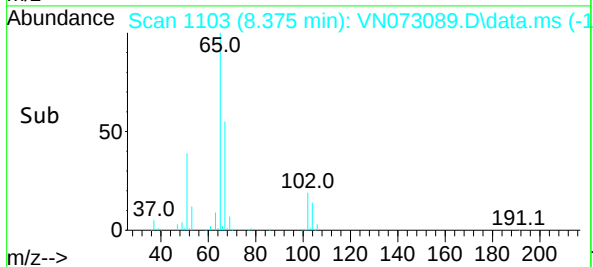
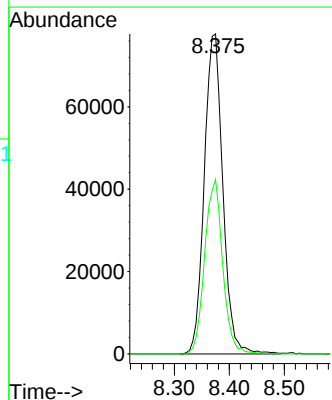
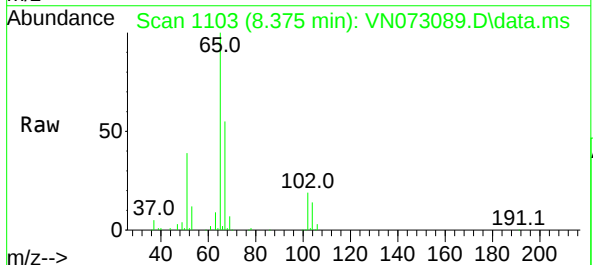
Instrument :  
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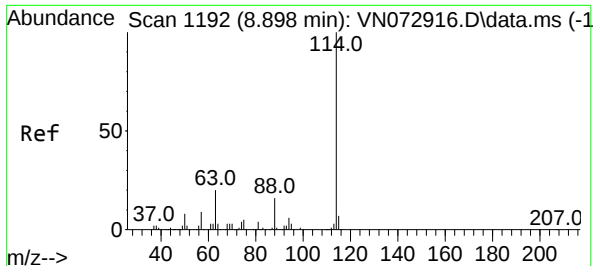
Tgt Ion: 56 Resp: 7558  
Ion Ratio Lower Upper  
56 100  
69 160.1 27.8 41.8#  
84 120.7 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 44.822 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 65 Resp: 182158  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

Instrument :

MSVOA\_N

ClientSampleId :

SP-EXC-2-1

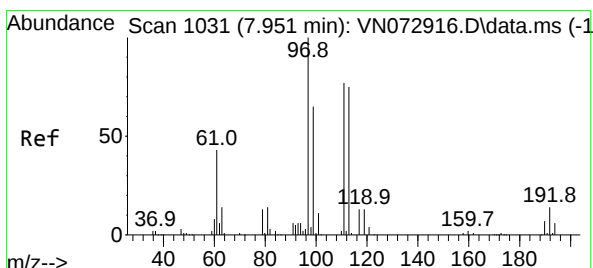
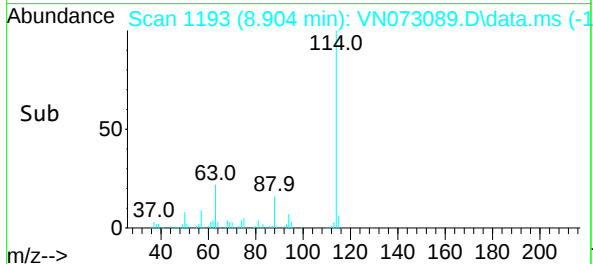
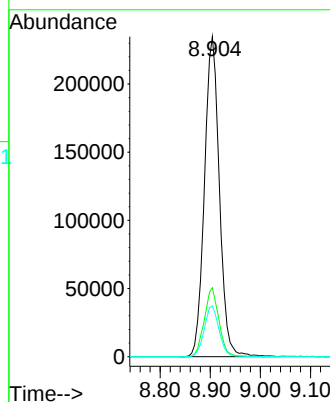
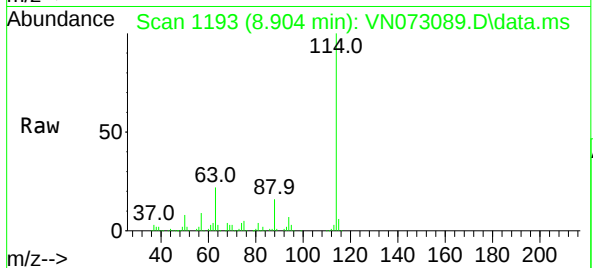
Tgt Ion:114 Resp: 485597

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.937 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

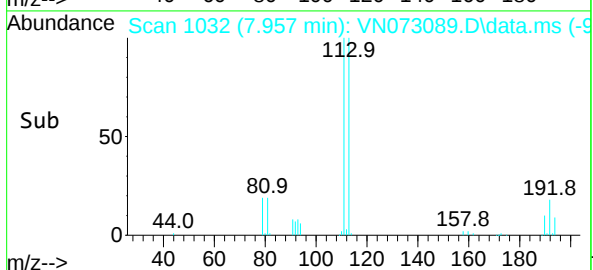
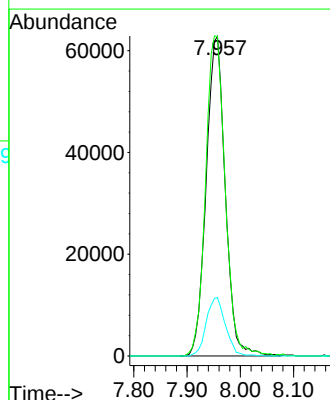
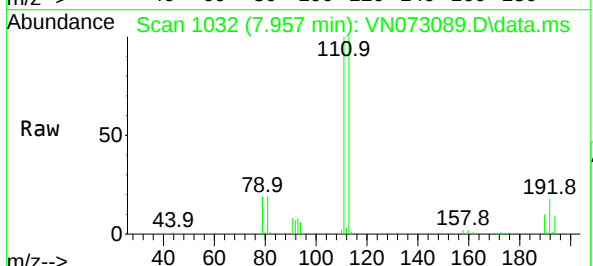
Tgt Ion:113 Resp: 155884

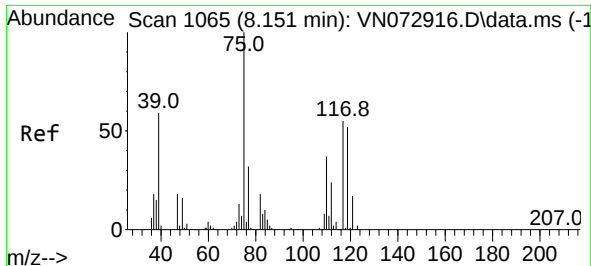
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.047 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

Instrument :

MSVOA\_N

ClientSampleId :

SP-EXC-2-1

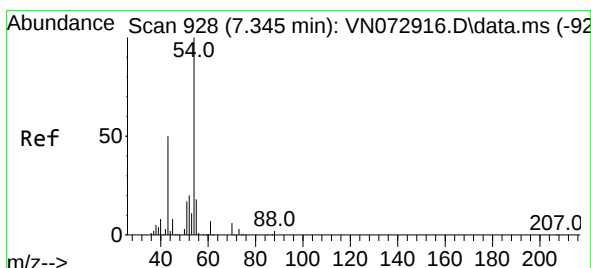
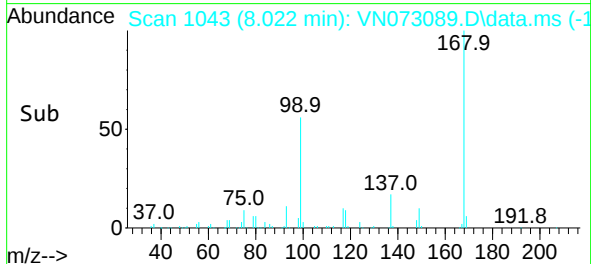
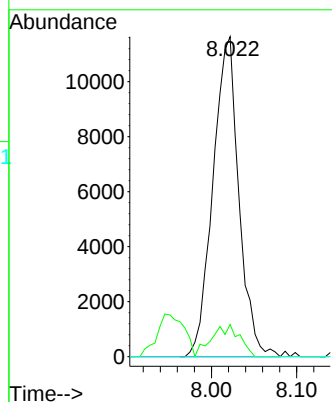
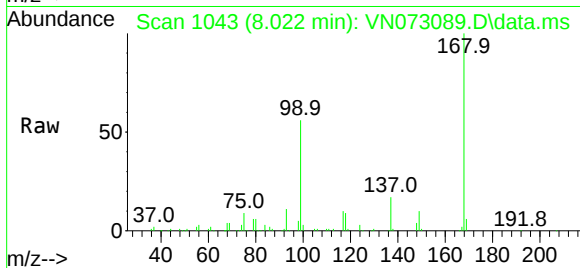
Tgt Ion: 75 Resp: 24558

Ion Ratio Lower Upper

75 100

110 10.8 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.664 ug/l

RT: 7.281 min Scan# 917

Delta R.T. -0.065 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

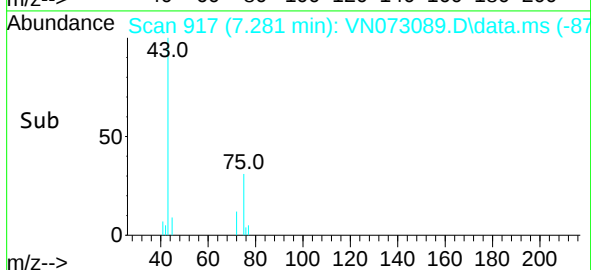
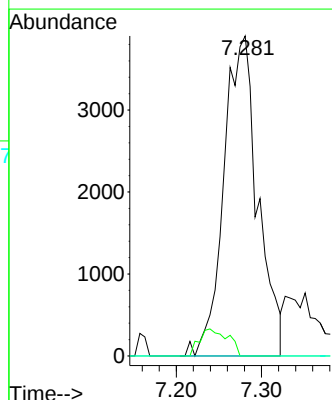
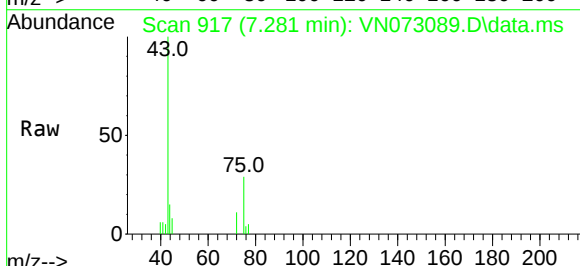
Tgt Ion: 43 Resp: 10807

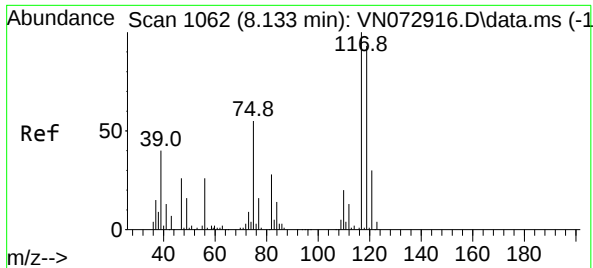
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

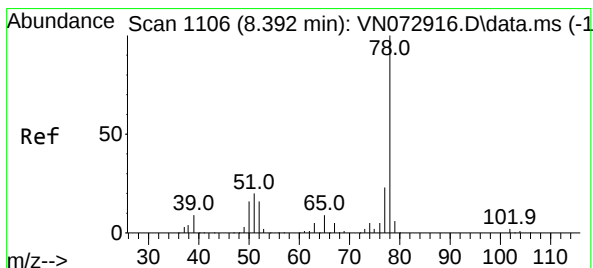
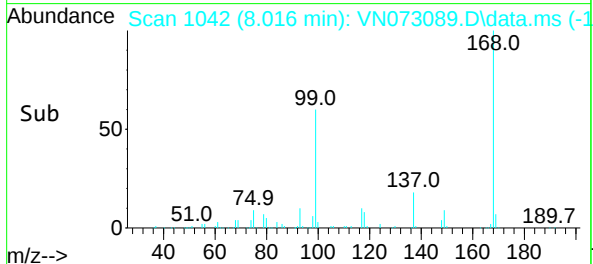
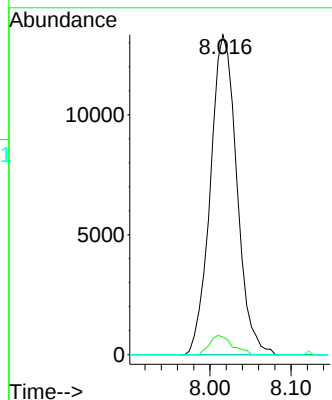
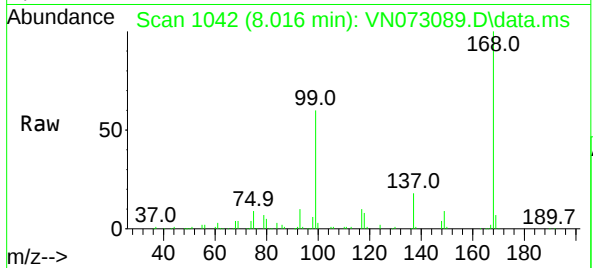




#38  
Carbon Tetrachloride  
Concen: 7.073 ug/l  
RT: 8.016 min Scan# 1106  
Delta R.T. -0.118 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

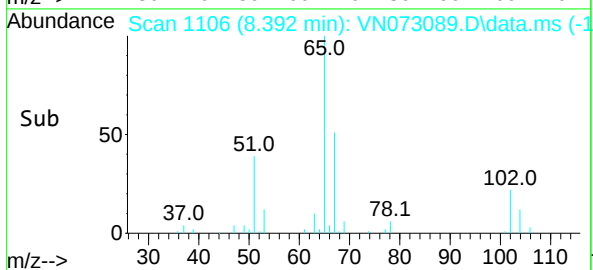
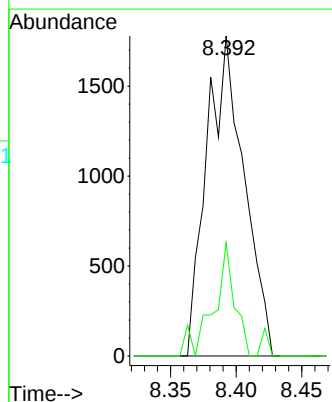
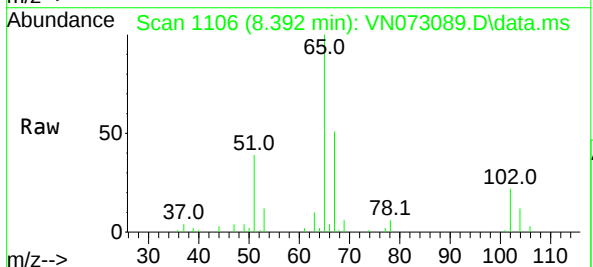
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

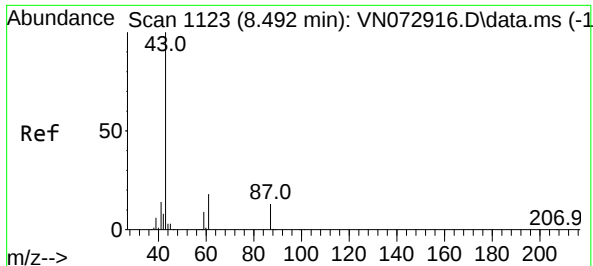
Tgt Ion:117 Resp: 30215  
Ion Ratio Lower Upper  
117 100  
119 5.5 75.8 113.8#  
121 0.0 24.6 37.0#



#40  
Benzene  
Concen: 0.276 ug/l  
RT: 8.392 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 78 Resp: 3520  
Ion Ratio Lower Upper  
78 100  
77 35.4 19.4 29.0#

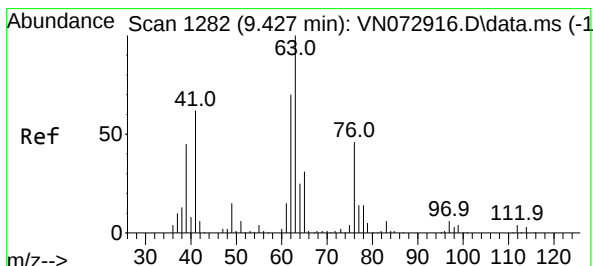
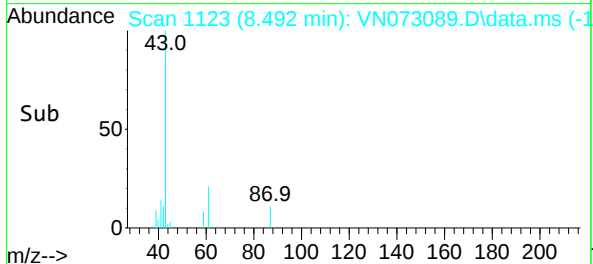
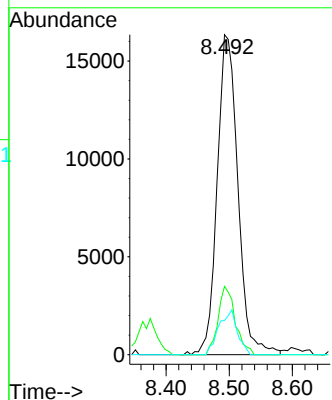
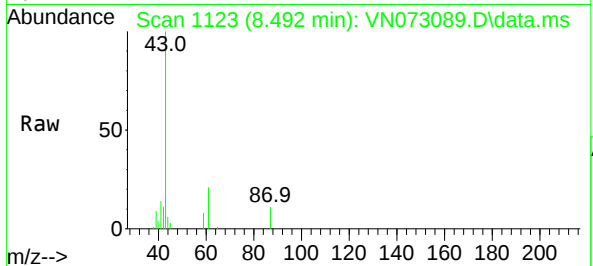




#43  
Isopropyl Acetate  
Concen: 4.019 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

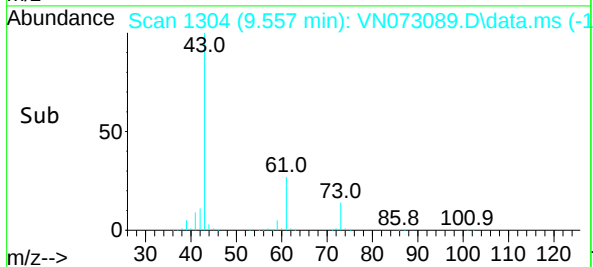
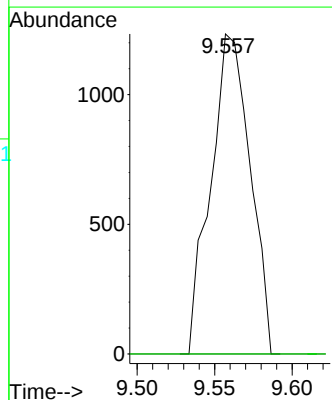
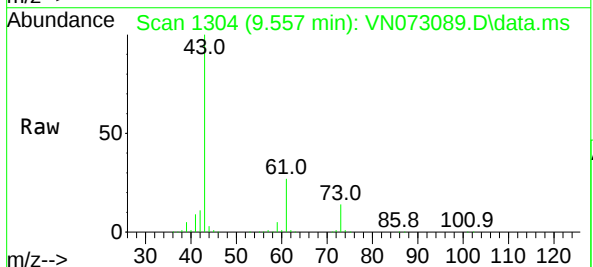
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

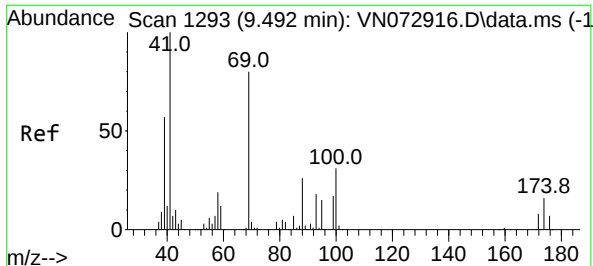
Tgt Ion: 43 Resp: 37322  
Ion Ratio Lower Upper  
43 100  
61 17.7 21.9 32.9#  
87 12.4 12.0 18.0



#45  
1,2-Dichloropropane  
Concen: 0.670 ug/l  
RT: 9.557 min Scan# 1304  
Delta R.T. 0.130 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 63 Resp: 2187  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.9 37.3#

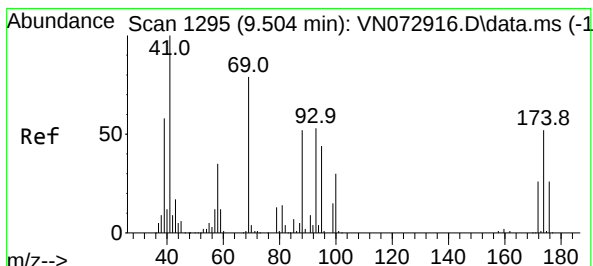
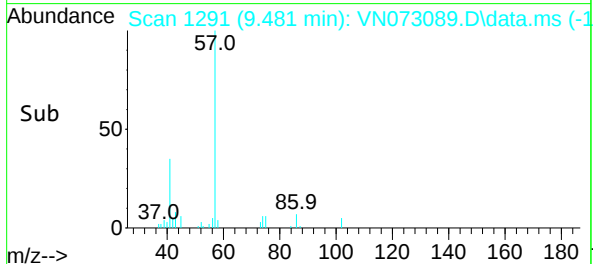
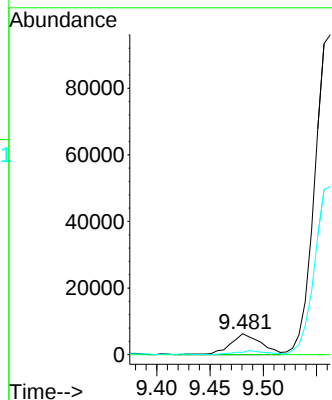
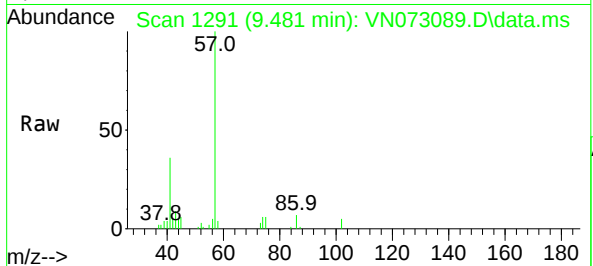




#48  
Methyl methacrylate  
Concen: 2.986 ug/l  
RT: 9.481 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

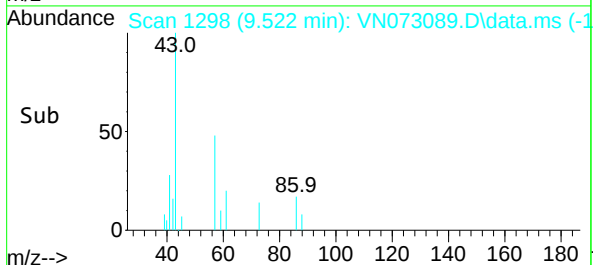
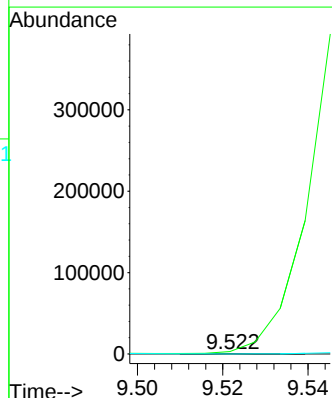
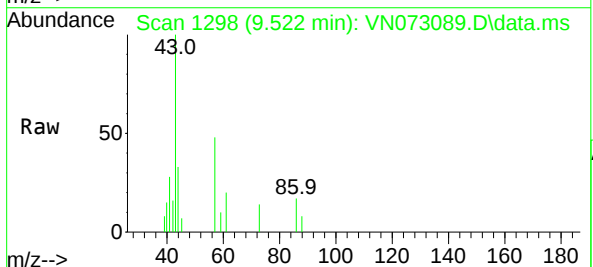
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

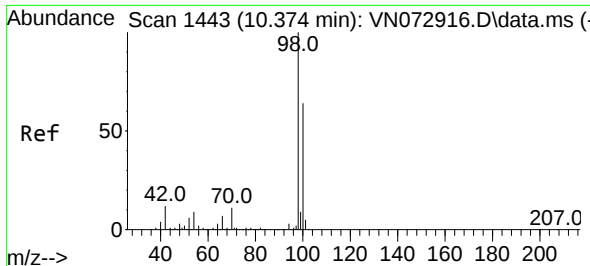
Tgt Ion: 41 Resp: 12659  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 0.0 45.6 68.4#



#49  
1,4-Dioxane  
Concen: 0.912 ug/l  
RT: 9.522 min Scan# 1298  
Delta R.T. 0.018 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 88 Resp: 87  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 0.0 54.2 81.4#

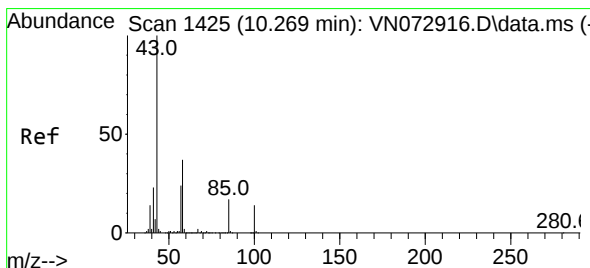
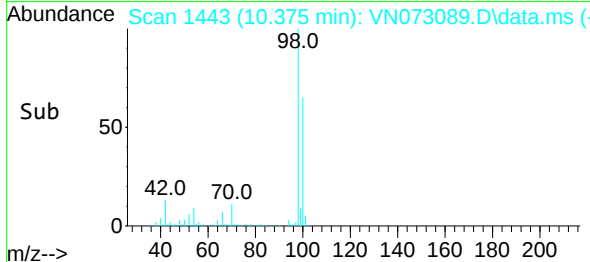
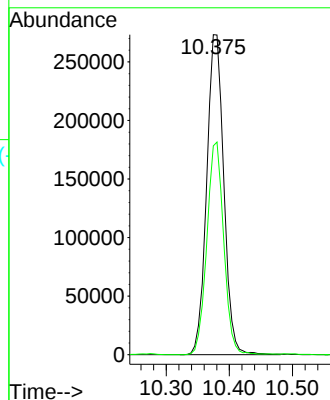
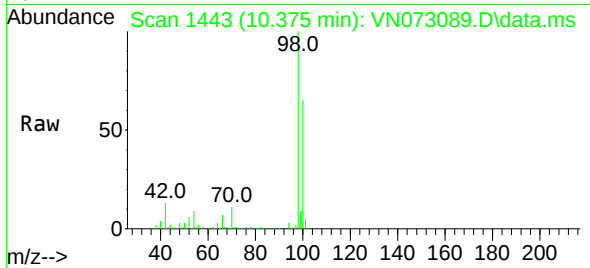




#50  
Toluene-d8  
Concen: 46.019 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

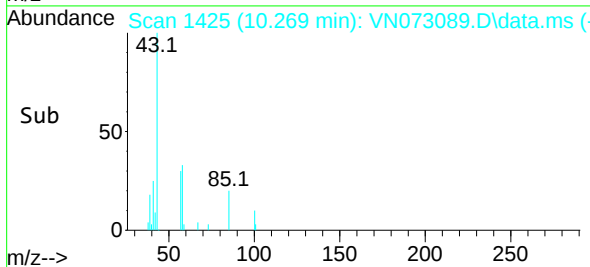
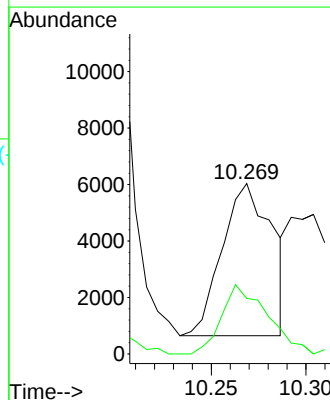
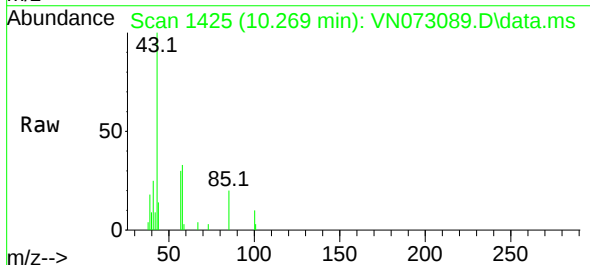
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

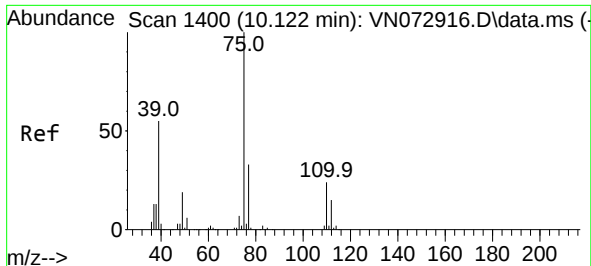
Tgt Ion: 98 Resp: 513955  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 1.642 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 43 Resp: 9945  
Ion Ratio Lower Upper  
43 100  
58 42.1 34.1 51.1

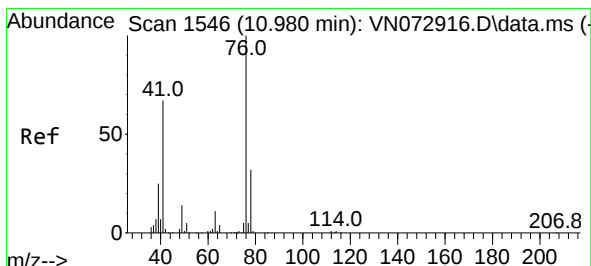
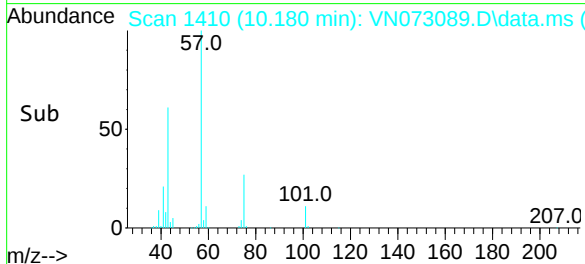
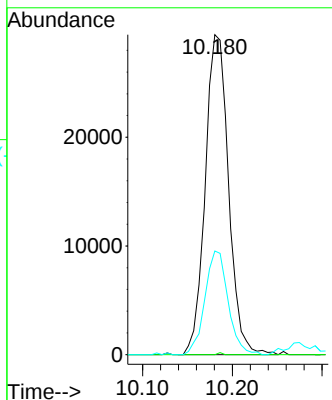
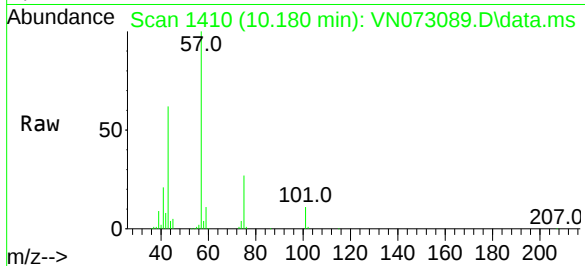




#54  
cis-1,3-Dichloropropene  
Concen: 10.327 ug/l  
RT: 10.180 min Scan# 1410  
Delta R.T. 0.059 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

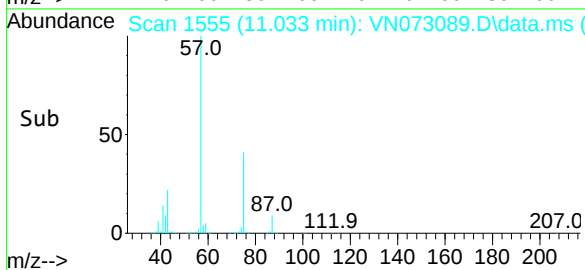
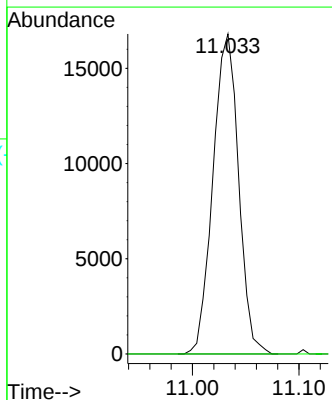
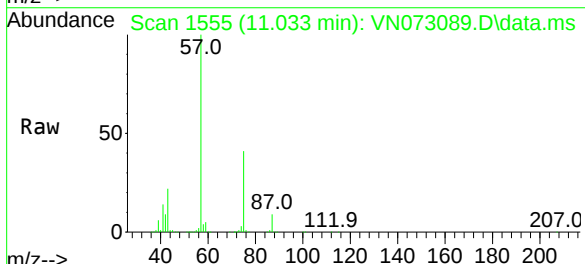
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

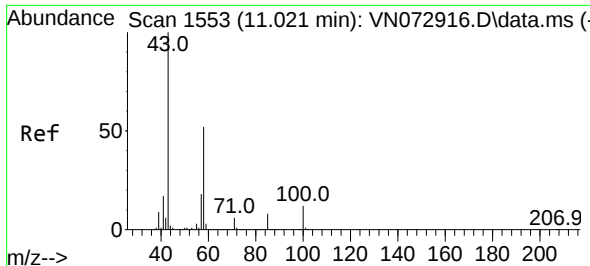
Tgt Ion: 75 Resp: 53187  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.2 37.8#  
39 32.4 35.7 53.5#



#57  
1,3-Dichloropropane  
Concen: 4.912 ug/l  
RT: 11.033 min Scan# 1555  
Delta R.T. 0.053 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 76 Resp: 28039  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.2 39.2#

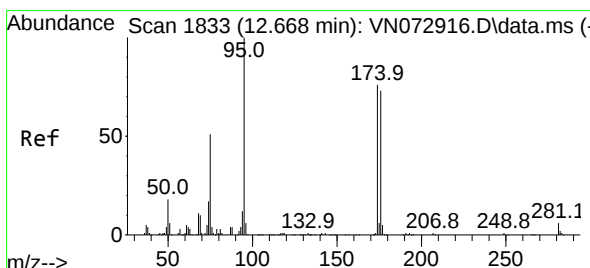
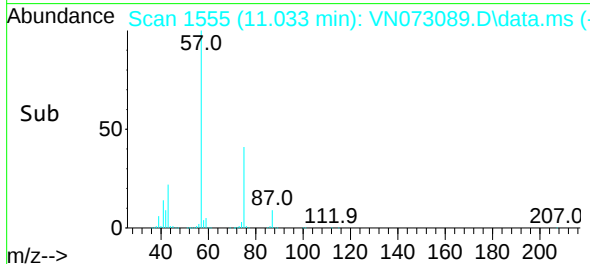
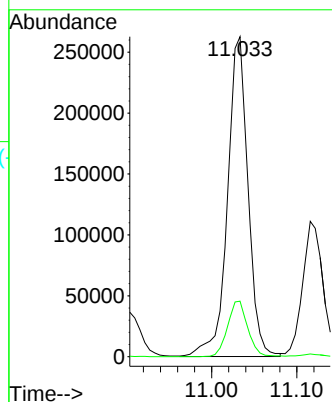
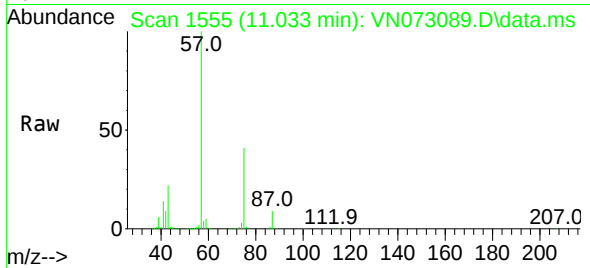




#59  
2-Hexanone  
Concen: 94.011 ug/l  
RT: 11.033 min Scan# 1155  
Delta R.T. 0.012 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

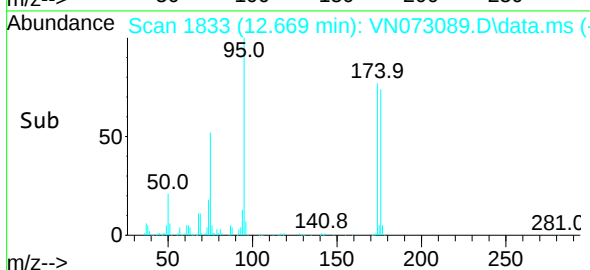
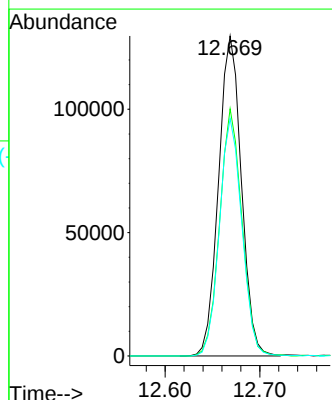
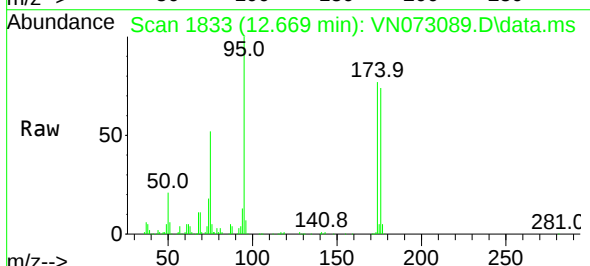
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

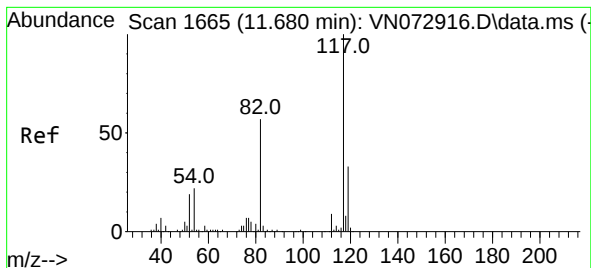
Tgt Ion: 43 Resp: 440298  
Ion Ratio Lower Upper  
43 100  
58 17.1 29.7 89.1#



#62  
4-Bromofluorobenzene  
Concen: 54.117 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 95 Resp: 217333  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 167.6  
176 73.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073089.D

Acq: 24 Jun 2022 17:47

Instrument :

MSVOA\_N

ClientSampleId :

SP-EXC-2-1

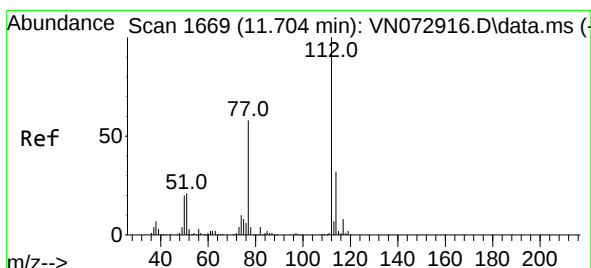
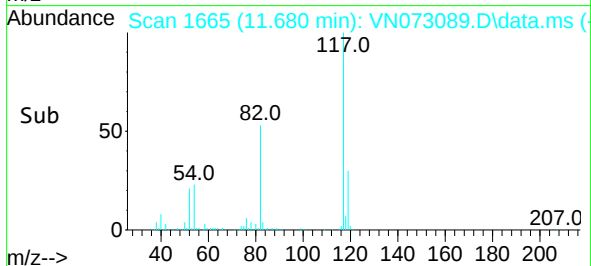
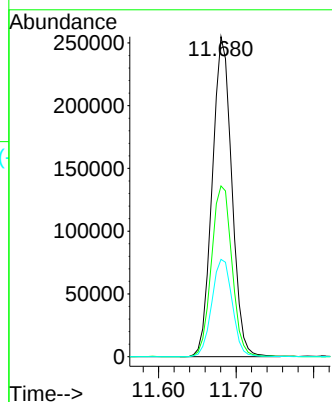
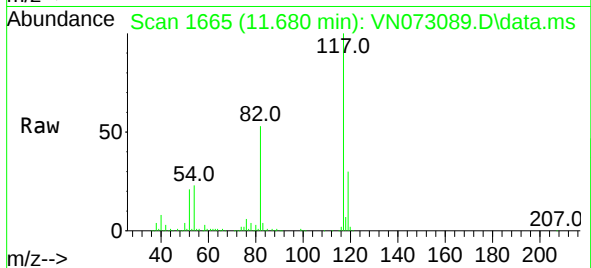
Tgt Ion:117 Resp: 446606

Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.2

119 30.4 25.4 38.0



#65

Chlorobenzene

Concen: 0.410 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073089.D

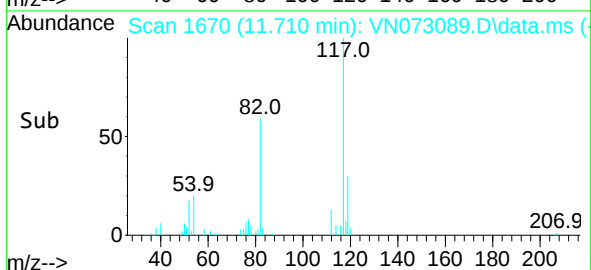
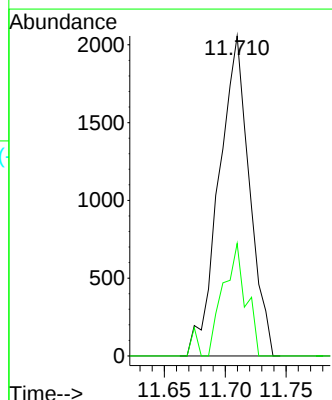
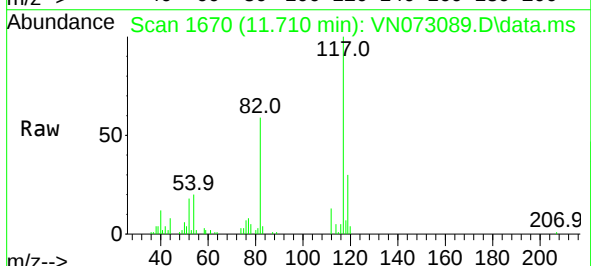
Acq: 24 Jun 2022 17:47

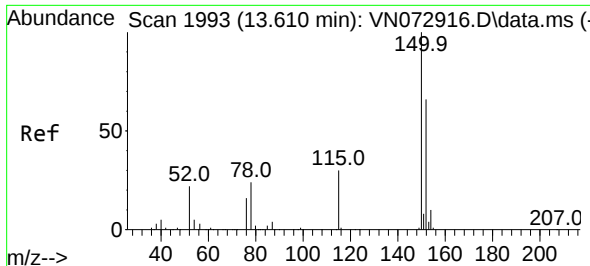
Tgt Ion:112 Resp: 3578

Ion Ratio Lower Upper

112 100

114 35.1 25.4 38.2

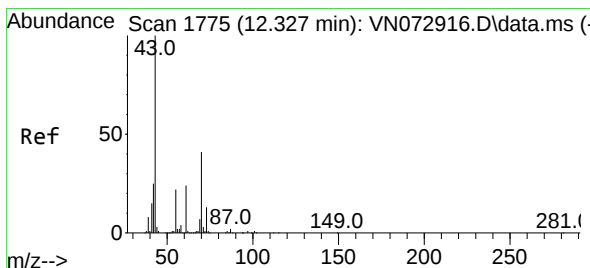
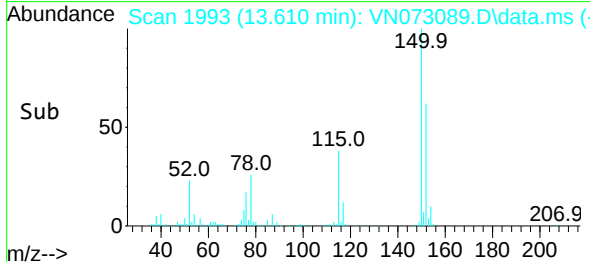
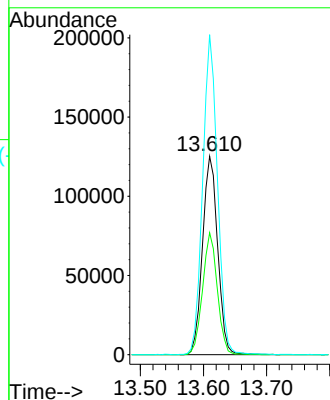
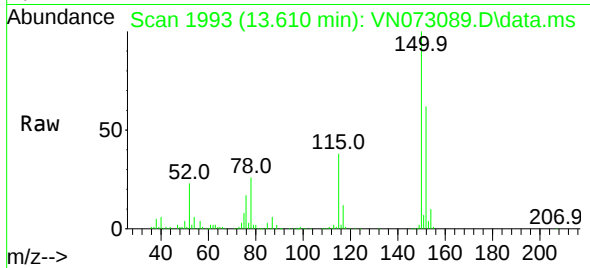




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

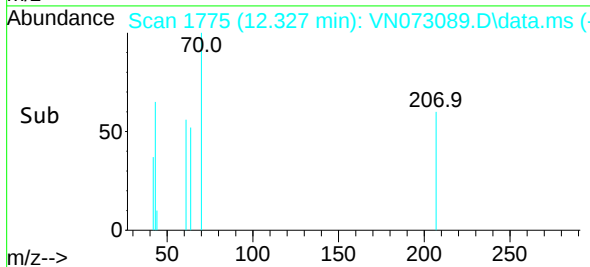
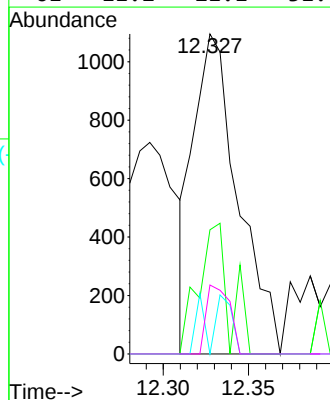
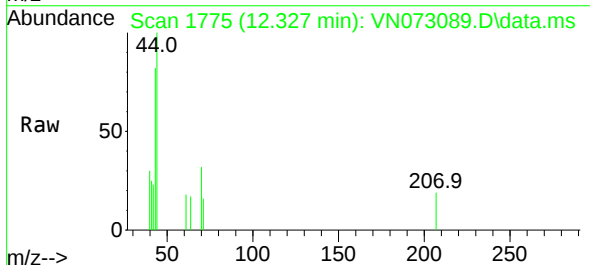
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

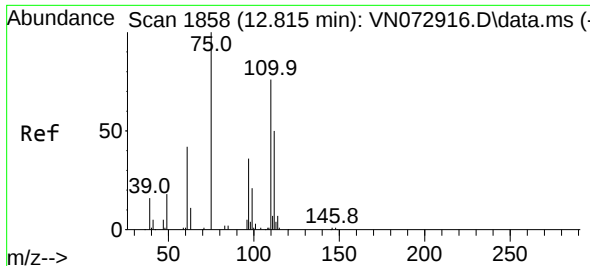
Tgt Ion:152 Resp: 209381  
Ion Ratio Lower Upper  
152 100  
115 59.8 28.9 86.7  
150 156.9 0.0 356.2



#74  
N-ethyl acetate  
Concen: 0.239 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 43 Resp: 2007  
Ion Ratio Lower Upper  
43 100  
70 28.1 39.0 58.4#  
55 6.5 21.1 31.7#  
61 11.2 21.1 31.7#

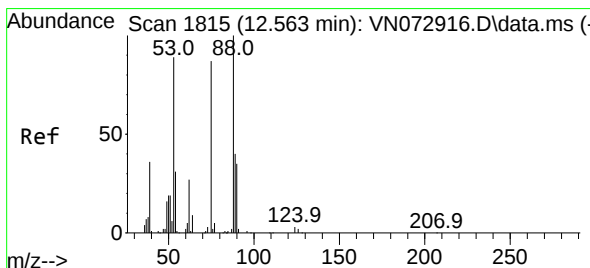
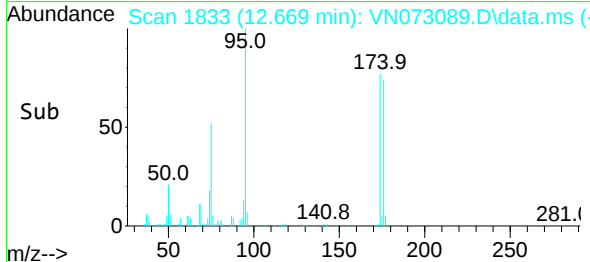
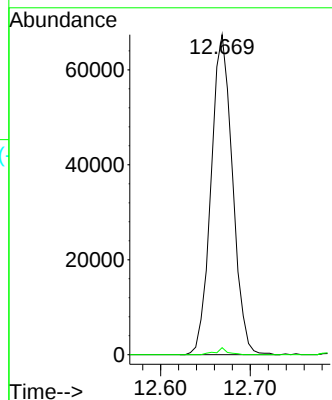
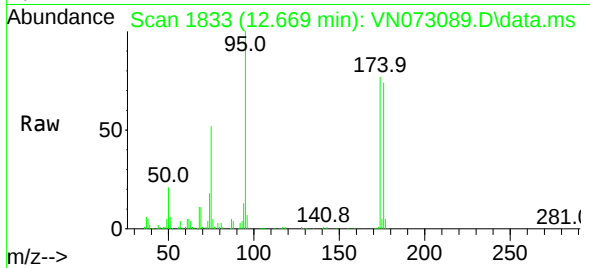




#76  
1,2,3-Trichloropropane  
Concen: 22.059 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.147 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

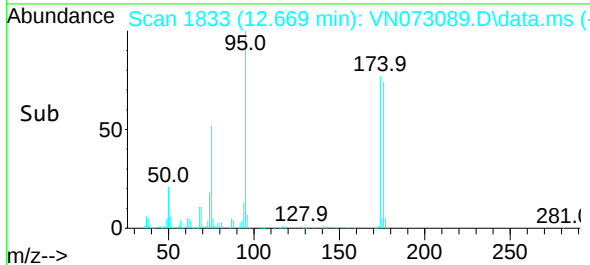
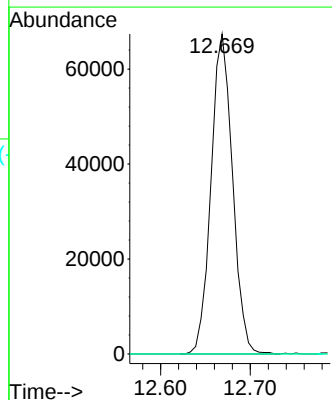
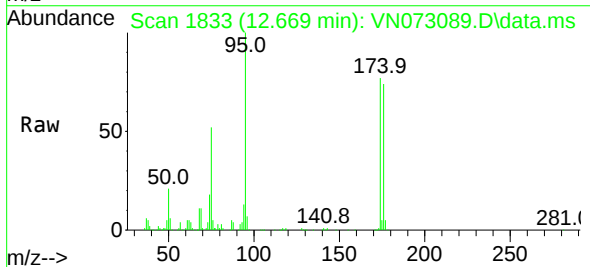
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

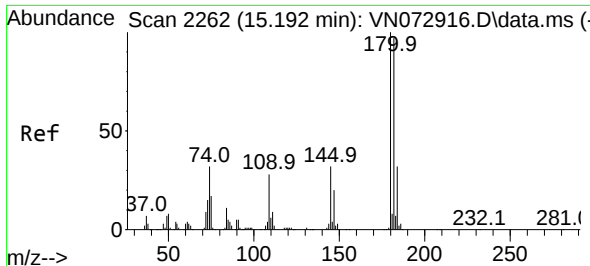
Tgt Ion: 75 Resp: 111981  
Ion Ratio Lower Upper  
75 100  
77 1.2 98.5 295.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.573 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.106 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

Tgt Ion: 75 Resp: 111981  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#

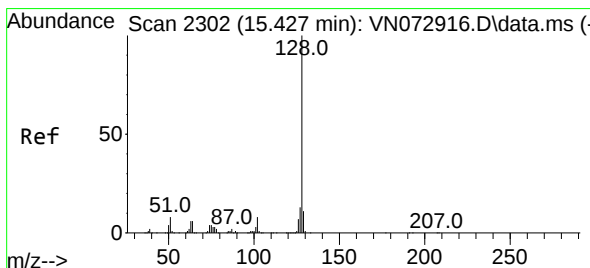
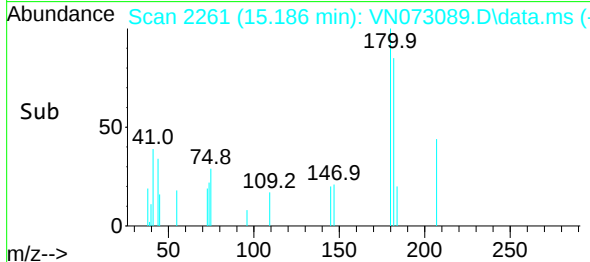
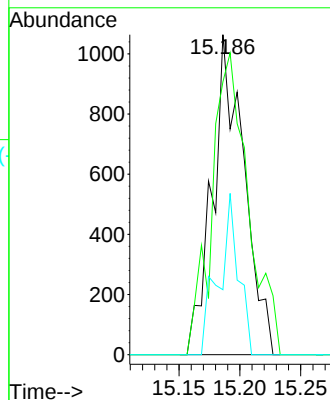
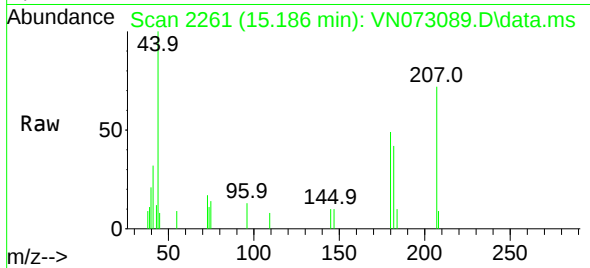




#93  
1,2,4-Trichlorobenzene  
Concen: 0.481 ug/l  
RT: 15.186 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

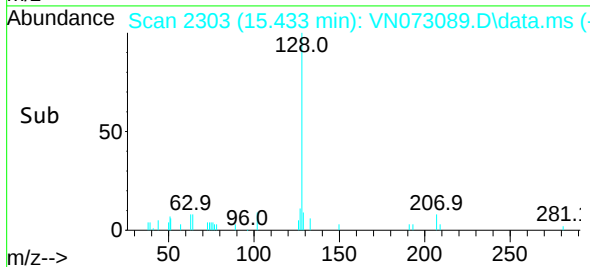
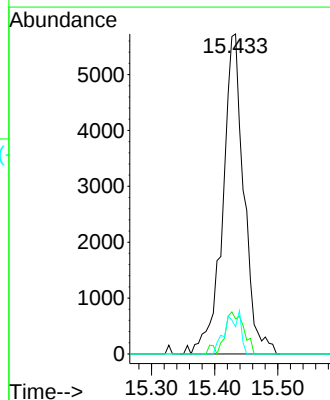
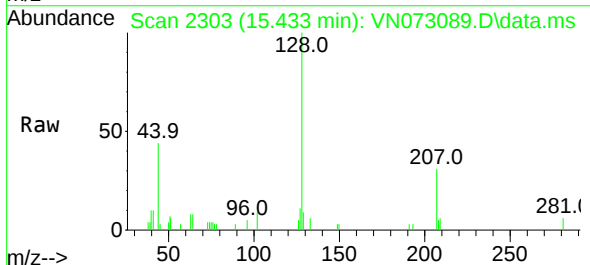
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1

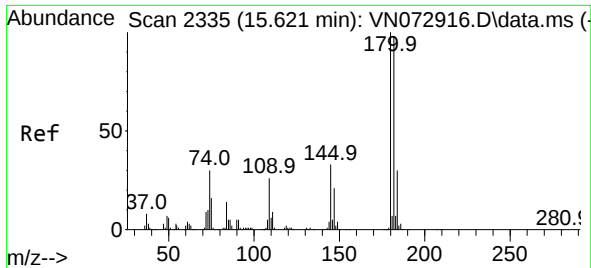
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 1924       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 108.3 | 47.5 142.5 |
| 145         | 31.6  | 14.5 43.5  |



#95  
Naphthalene  
Concen: 0.829 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN073089.D  
Acq: 24 Jun 2022 17:47

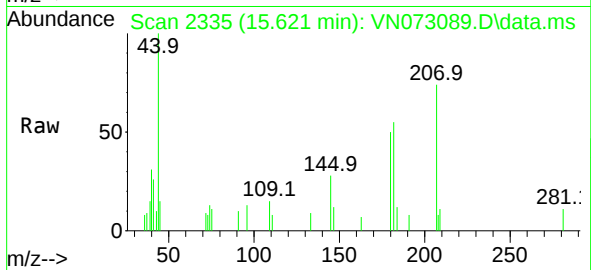
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 13406     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 11.2  | 10.3 15.5 |
| 129         | 9.5   | 8.6 13.0  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.558 ug/l  
 RT: 15.621 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN073089.D  
 Acq: 24 Jun 2022 17:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-2-1



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2384  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 102.9 | 47.8  | 143.3 |
| 145      | 39.6  | 15.5  | 46.5  |

