

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
 Data File : VN074210.D  
 Acq On : 31 Aug 2022 13:31  
 Operator : JC\MD  
 Sample : N4447-05 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 01 00:23:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|-------|----------|
| -----                         |                |      |                      |           |       |          |
| Internal Standards            |                |      |                      |           |       |          |
| 1) Pentafluorobenzene         | 8.016          | 168  | 180568               | 50.000    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.904          | 114  | 341565               | 50.000    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.680         | 117  | 340599               | 50.000    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.616         | 152  | 166436               | 50.000    | ug/l  | 0.00     |
| System Monitoring Compounds   |                |      |                      |           |       |          |
| 33) 1,2-Dichloroethane-d4     | 8.369          | 65   | 152003               | 54.266    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 108.540%  |           |       |          |
| 35) Dibromofluoromethane      | 7.951          | 113  | 125800               | 56.600    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 113.200%  |           |       |          |
| 50) Toluene-d8                | 10.381         | 98   | 405727               | 46.353    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 92.700%   |           |       |          |
| 62) 4-Bromofluorobenzene      | 12.669         | 95   | 170289               | 63.974    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 127.940%# |           |       |          |
| Target Compounds              |                |      |                      |           |       |          |
|                               |                |      |                      |           |       | Qvalue   |
| 3) Chloromethane              | 2.275          | 50   | 815                  | 0.310     | ug/l  | # 43     |
| 6) Chloroethane               | 2.987          | 64   | 389                  | Below Cal |       | # 42     |
| 11) Tert butyl alcohol        | 5.298          | 59   | 619                  | Below Cal |       | # 72     |
| 13) Acrolein                  | 3.981          | 56   | 181                  | 0.292     | ug/l  | # 16     |
| 16) Acetone                   | 4.222          | 43   | 104212               | 55.678    | ug/l  | 93       |
| 18) Methyl Acetate            | 4.504          | 43   | 56051                | 10.212    | ug/l  | # 48     |
| 20) Methylene Chloride        | 5.016          | 84   | 978                  | Below Cal |       | # 54     |
| 25) 2-Butanone                | 7.275          | 43   | 4265                 | 1.424     | ug/l  | # 67     |
| 26) 2,2-Dichloropropane       | 7.234          | 77   | 2628                 | 1.122     | ug/l  | # 53     |
| 31) Cyclohexane               | 8.022          | 56   | 6098                 | 1.318     | ug/l  | # 64     |
| 36) 1,1-Dichloropropene       | 8.022          | 75   | 18410                | 5.105     | ug/l  | # 49     |
| 37) Ethyl Acetate             | 7.275          | 43   | 4265                 | 0.707     | ug/l  | # 67     |
| 38) Carbon Tetrachloride      | 8.016          | 117  | 18850                | 5.757     | ug/l  | # 19     |
| 39) Methylcyclohexane         | 9.398          | 83   | 4819                 | 1.138     | ug/l  | # 84     |
| 55) 1,1,2-Trichloroethane     | 10.816         | 97   | 3157                 | 1.094     | ug/l  | # 28     |
| 56) Ethyl methacrylate        | 10.716         | 69   | 2043                 | 0.467     | ug/l  | # 1      |
| 59) 2-Hexanone                | 10.992         | 43   | 13647                | 3.056     | ug/l  | # 24     |
| 67) Ethyl Benzene             | 11.780         | 91   | 21248                | 1.545     | ug/l  | 91       |
| 68) m/p-Xylenes               | 11.892         | 106  | 42588                | 8.335     | ug/l  | 96       |
| 69) o-Xylene                  | 12.216         | 106  | 1454                 | 0.286     | ug/l  | 66       |
| 71) Bromoform                 | 12.663         | 173  | 1300                 | 0.563     | ug/l  | # 28     |
| 73) Isopropylbenzene          | 12.510         | 105  | 13853                | 0.972     | ug/l  | 89       |
| 74) N-amyl acetate            | 12.310         | 43   | 21534                | 2.670     | ug/l  | # 64     |
| 76) 1,2,3-Trichloropropane    | 12.669         | 75   | 99786                | 24.049    | ug/l  | # 1      |
| 78) n-propylbenzene           | 12.857         | 91   | 24378                | 1.500     | ug/l  | 93       |
| 79) 2-Chlorotoluene           | 12.916         | 91   | 9091                 | 0.913     | ug/l  | # 40     |
| 80) 1,3,5-Trimethylbenzene    | 12.998         | 105  | 88406                | 7.626     | ug/l  | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.669         | 75   | 99786                | 62.231    | ug/l  | # 10     |
| 82) 4-Chlorotoluene           | 12.998         | 91   | 9590                 | 0.996     | ug/l  | # 47     |
| 83) tert-Butylbenzene         | 13.263         | 119  | 5277                 | 0.532     | ug/l  | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.304         | 105  | 129239               | 11.552    | ug/l  | 100      |
| 85) sec-Butylbenzene          | 13.433         | 105  | 10336                | 0.743     | ug/l  | # 43     |
| 86) p-Isopropyltoluene        | 13.557         | 119  | 11170                | 1.032     | ug/l  | 94       |
| 89) n-Butylbenzene            | 13.886         | 91   | 7086                 | 0.752     | ug/l  | # 75     |
| 90) Hexachloroethane          | 14.157         | 117  | 2664                 | 1.194     | ug/l  | # 9      |
| 95) Naphthalene               | 15.433         | 128  | 43399                | 4.508     | ug/l  | # 92     |

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Sample : N4447-05 50X  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 01 00:23:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 31 07:02:40 2022  
Response via : Initial Calibration

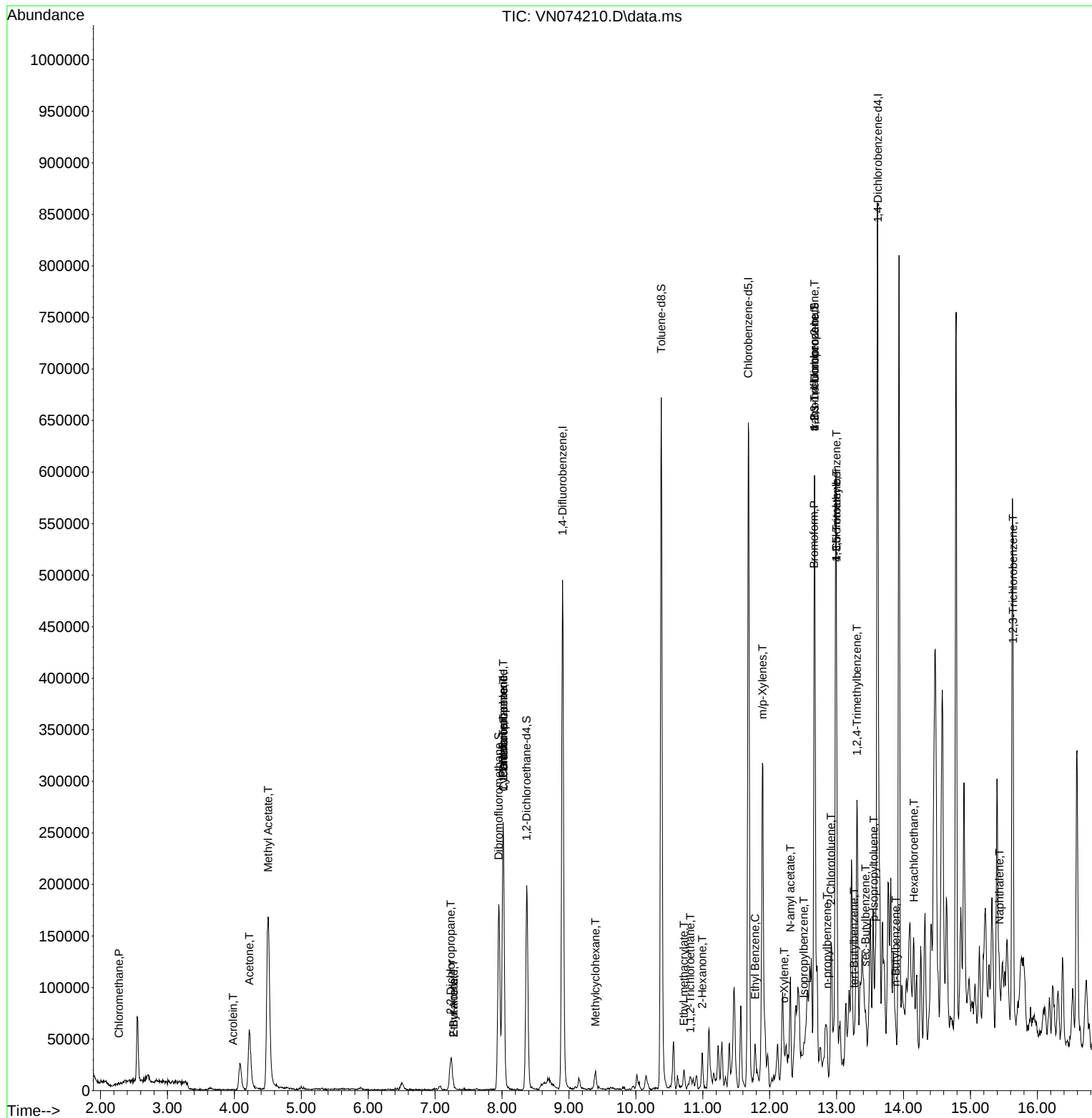
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.639 | 180  | 959      | 0.302 | ug/l # | 60       |

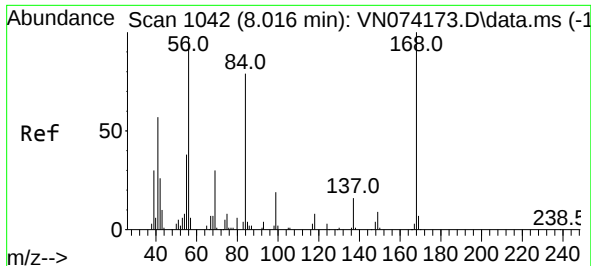
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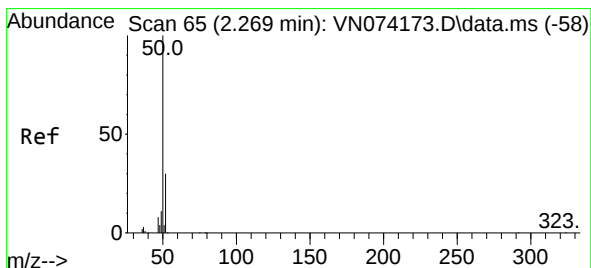
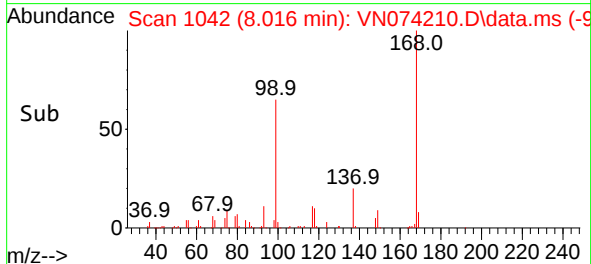
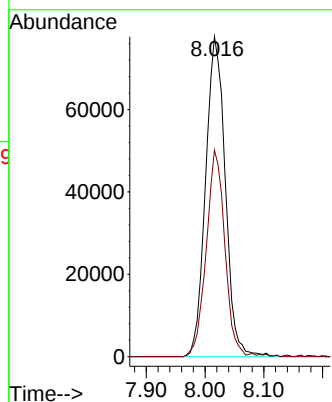
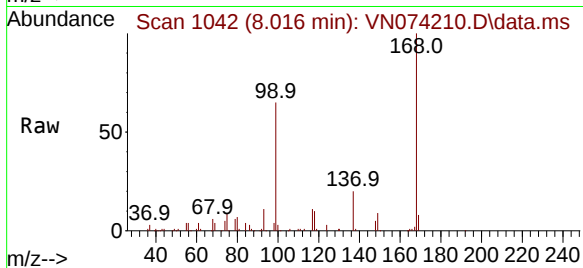




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

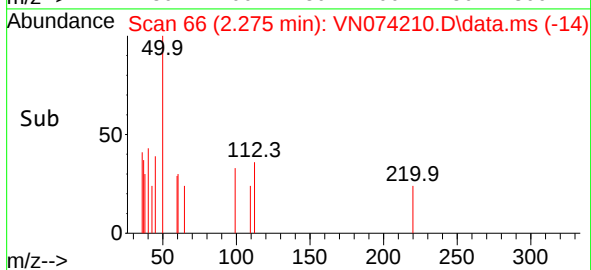
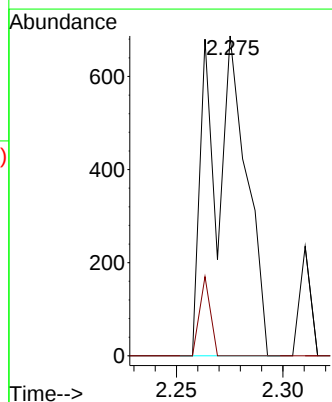
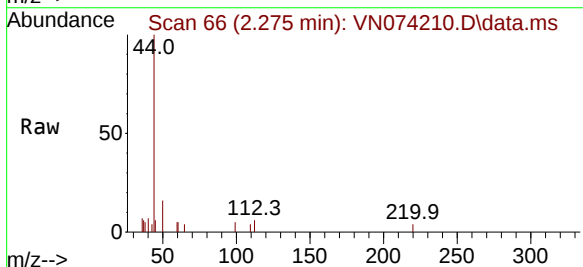
Instrument :  
MSVOA\_N  
ClientSampleId :

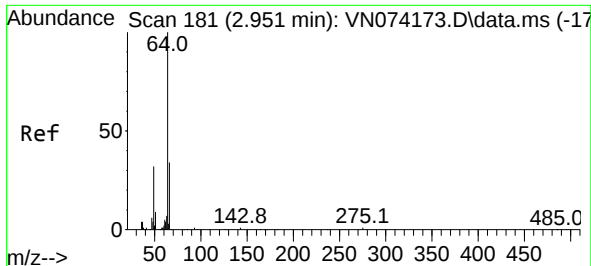
Tgt Ion:168 Resp: 180568  
Ion Ratio Lower Upper  
168 100  
99 64.6 42.3 63.5#



#3  
Chloromethane  
Concen: 0.310 ug/l  
RT: 2.275 min Scan# 66  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 50 Resp: 815  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.7 38.5#

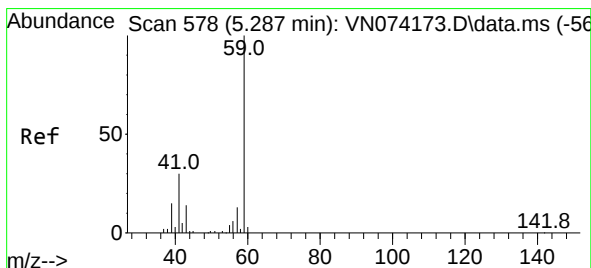
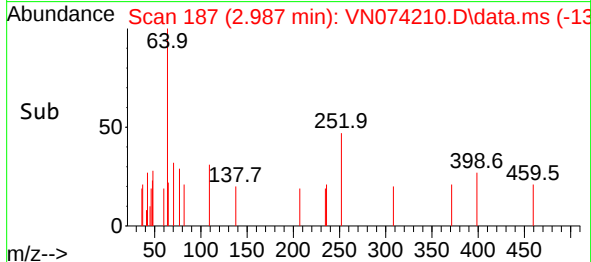
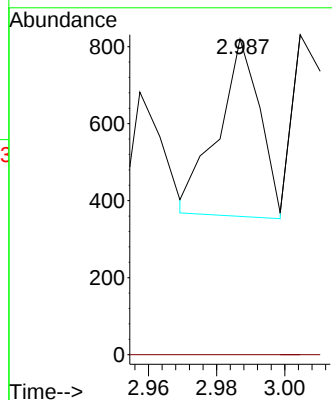
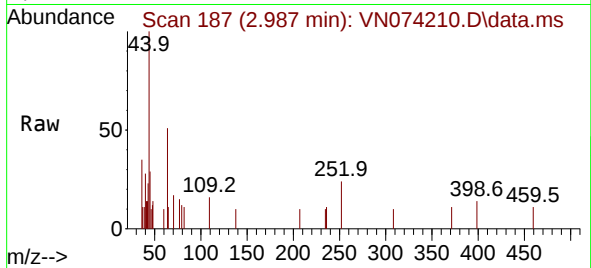




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.987 min Scan# 11  
Delta R.T. 0.036 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

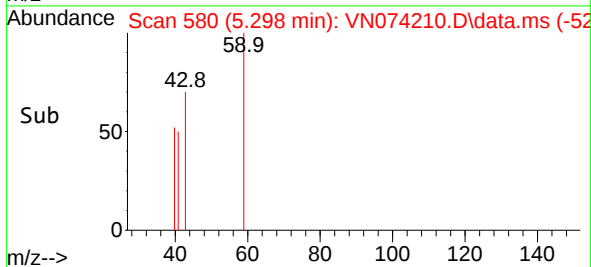
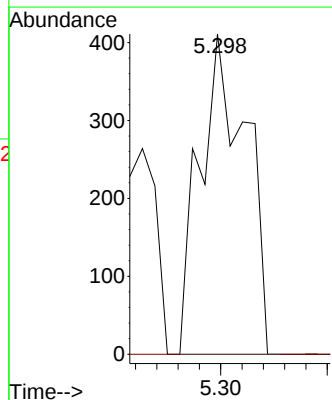
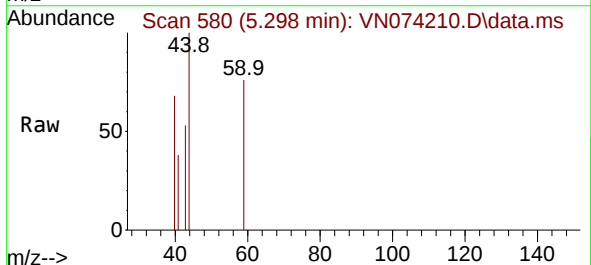
Instrument :  
MSVOA\_N  
ClientSampleId :

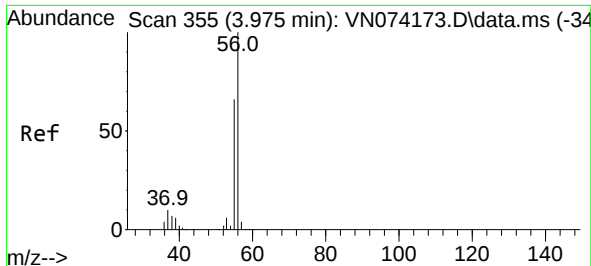
Tgt Ion: 64 Resp: 389  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 5.298 min Scan# 580  
Delta R.T. 0.011 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

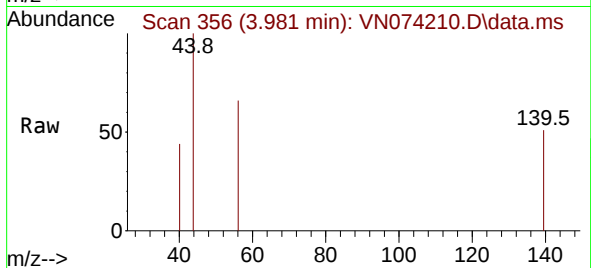
Tgt Ion: 59 Resp: 619  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



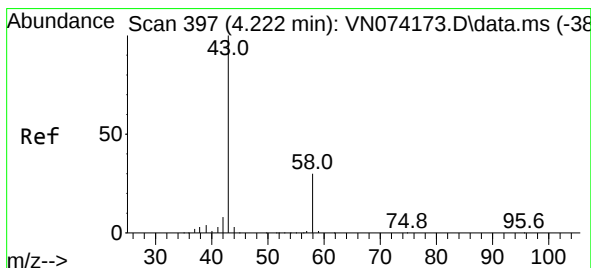
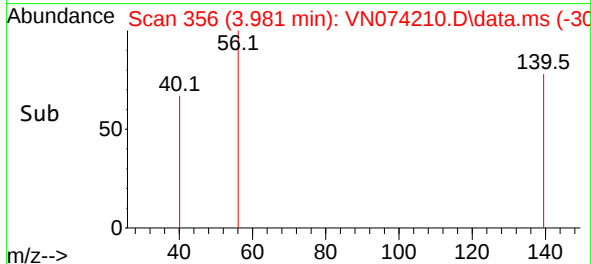
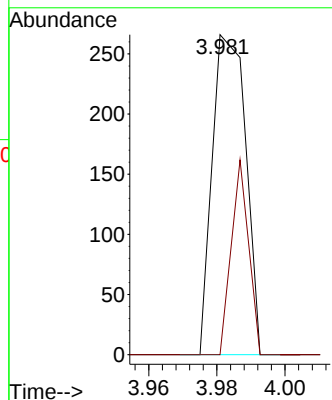


#13  
Acrolein  
Concen: 0.292 ug/l  
RT: 3.981 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :

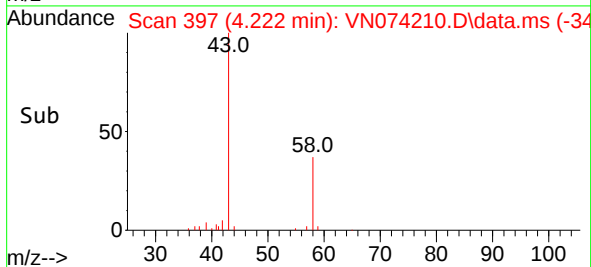
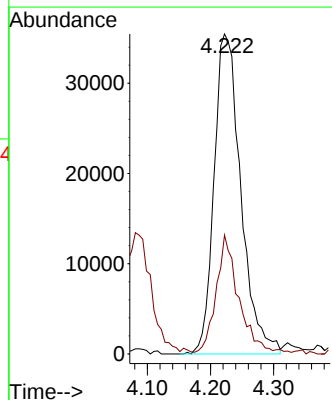
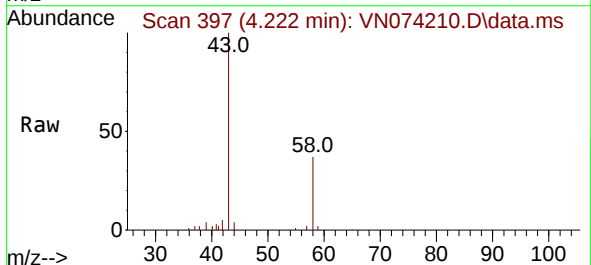


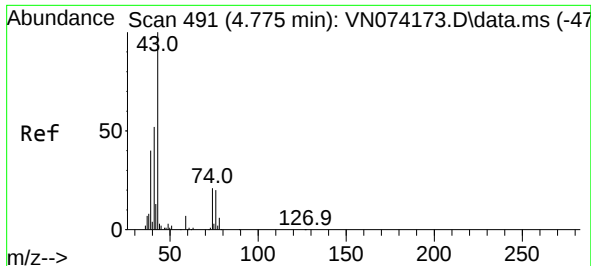
Tgt Ion: 56 Resp: 181  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.8 82.2#



#16  
Acetone  
Concen: 55.678 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 43 Resp: 104212  
Ion Ratio Lower Upper  
43 100  
58 36.4 26.0 39.0

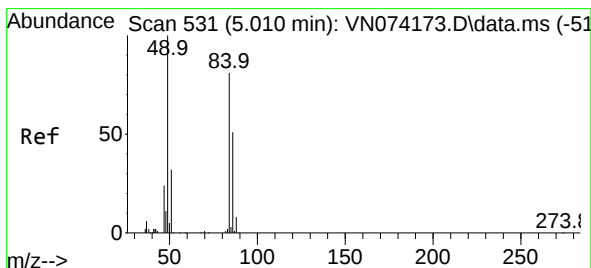
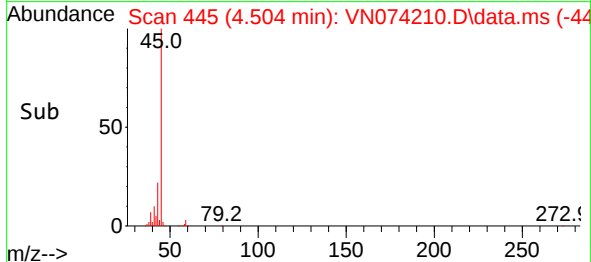
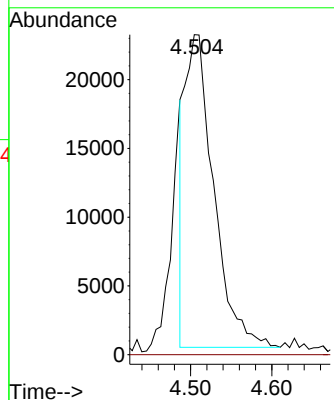
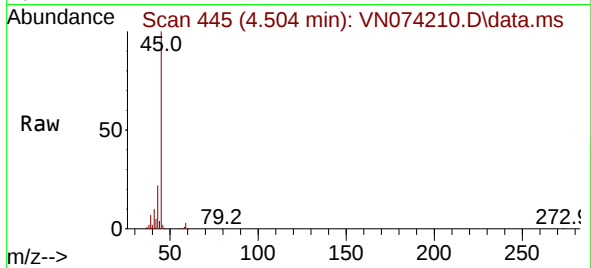




#18  
Methyl Acetate  
Concen: 10.212 ug/l  
RT: 4.504 min Scan# 445  
Delta R.T. -0.271 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

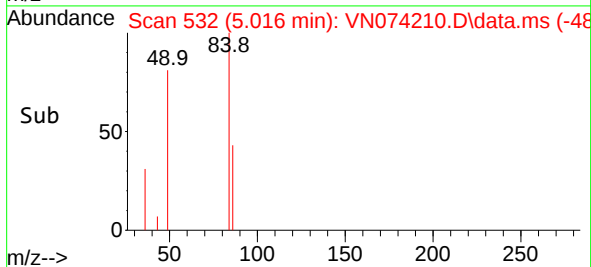
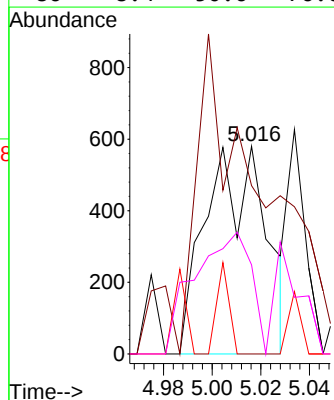
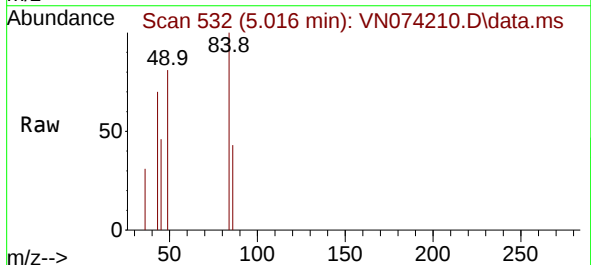
Instrument :  
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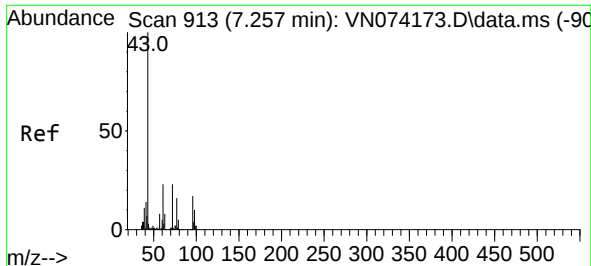
Tgt Ion: 43 Resp: 56051  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.6 32.4#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.016 min Scan# 532  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 84 Resp: 978  
Ion Ratio Lower Upper  
84 100  
49 81.0 88.3 132.5#  
51 0.0 28.2 42.2#  
86 8.4 50.6 76.0#

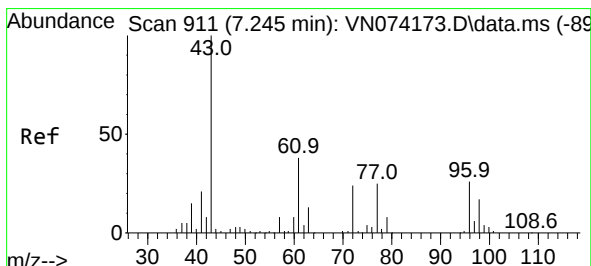
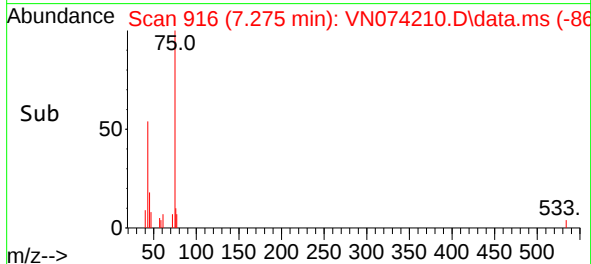
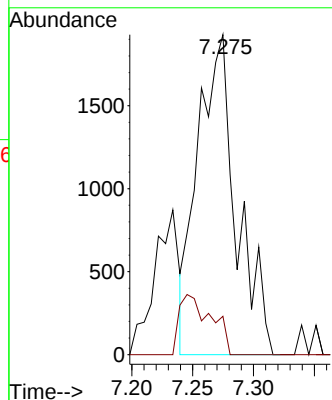
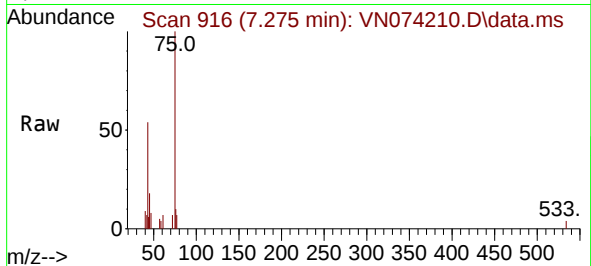




#25  
2-Butanone  
Concen: 1.424 ug/l  
RT: 7.275 min Scan# 916  
Delta R.T. 0.018 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

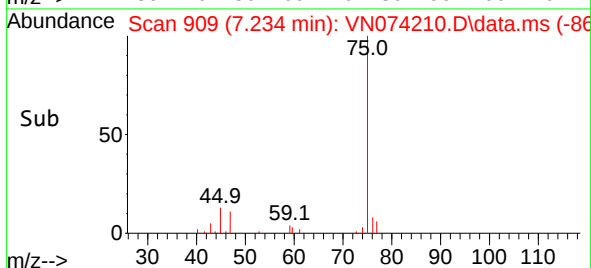
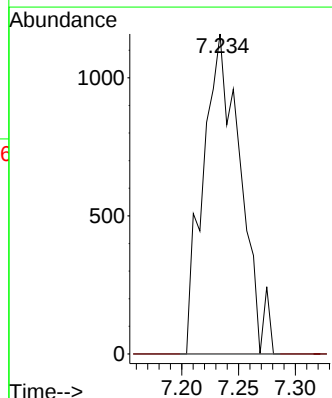
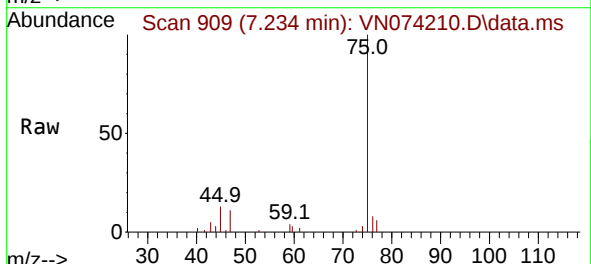
Instrument :  
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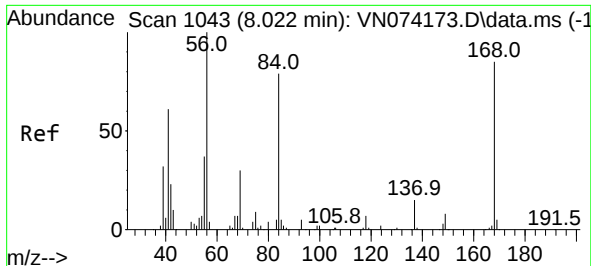
Tgt Ion: 43 Resp: 4265  
Ion Ratio Lower Upper  
43 100  
72 12.0 23.7 35.5#



#26  
2,2-Dichloropropane  
Concen: 1.122 ug/l  
RT: 7.234 min Scan# 909  
Delta R.T. -0.011 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

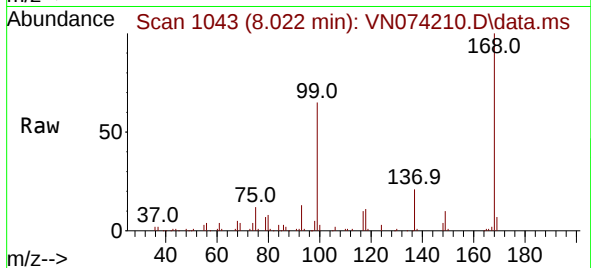
Tgt Ion: 77 Resp: 2628  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.4 34.2#



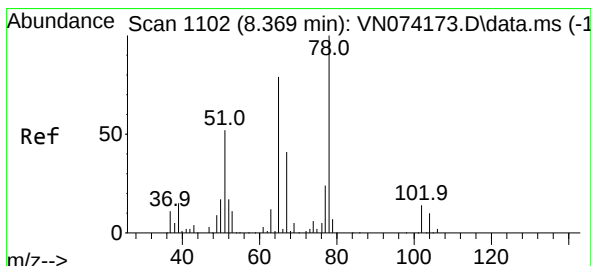
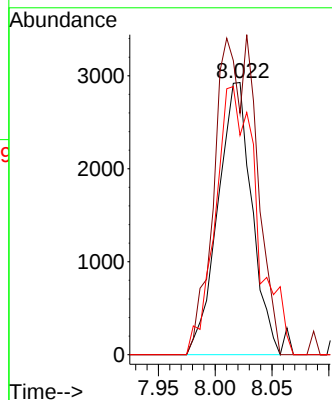
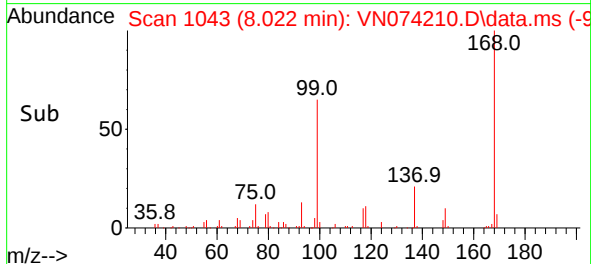


#31  
Cyclohexane  
Concen: 1.318 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :

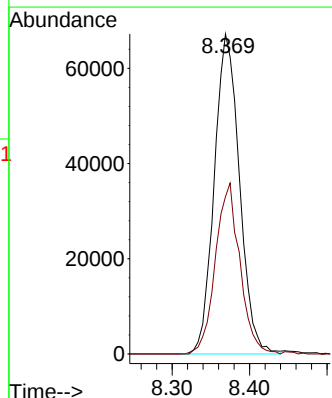
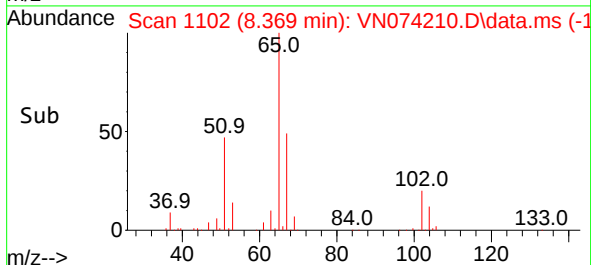
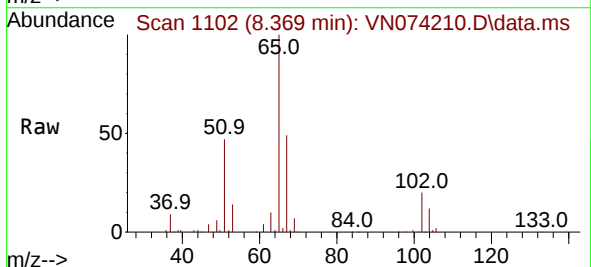


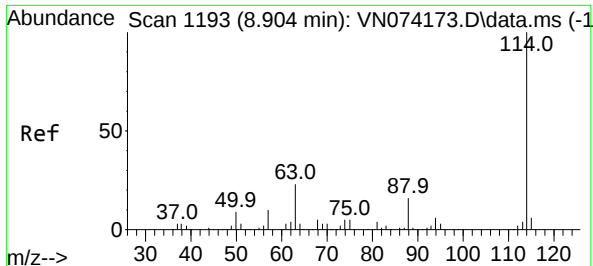
Tgt Ion: 56 Resp: 6098  
Ion Ratio Lower Upper  
56 100  
69 88.7 27.8 41.8#  
84 80.6 76.9 115.3



#33  
1,2-Dichloroethane-d4  
Concen: 54.266 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 65 Resp: 152003  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA\_N

ClientSampleId :

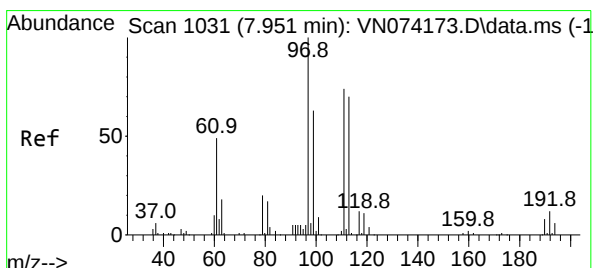
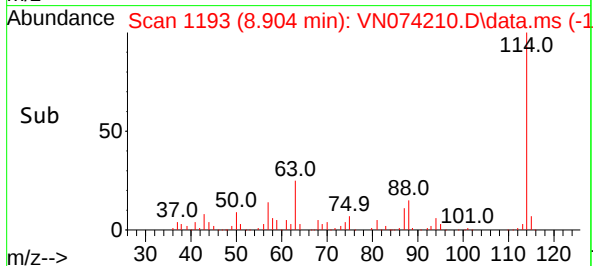
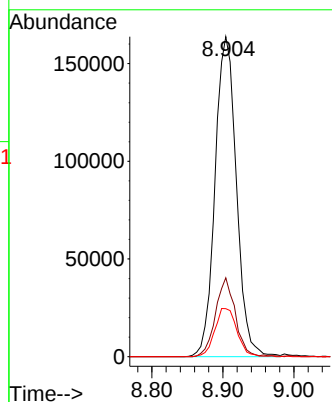
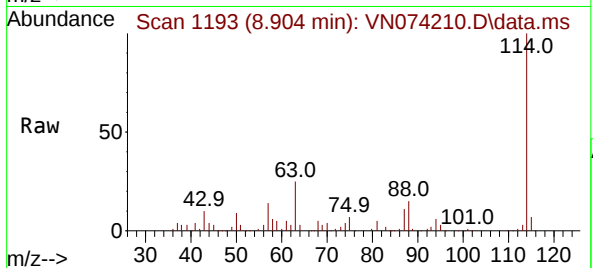
Tgt Ion:114 Resp: 341565

Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.600 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

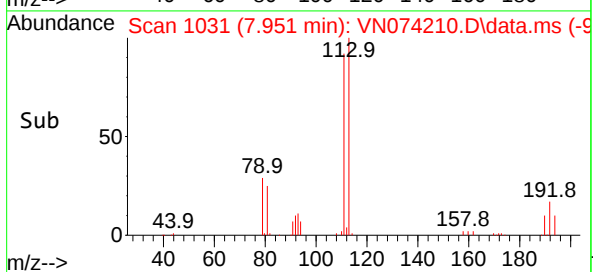
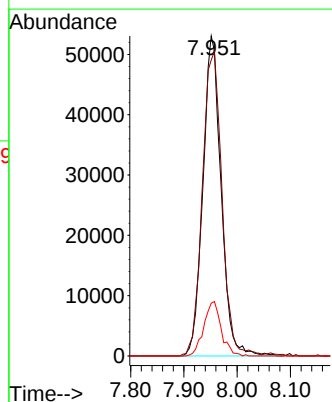
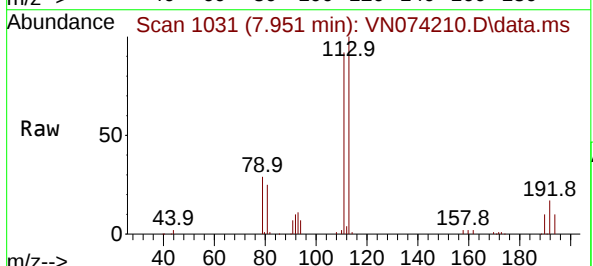
Tgt Ion:113 Resp: 125800

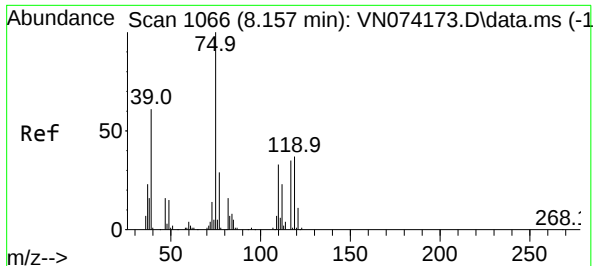
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 16.3 17.0 25.6#

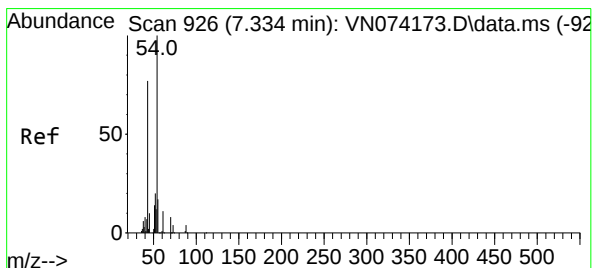
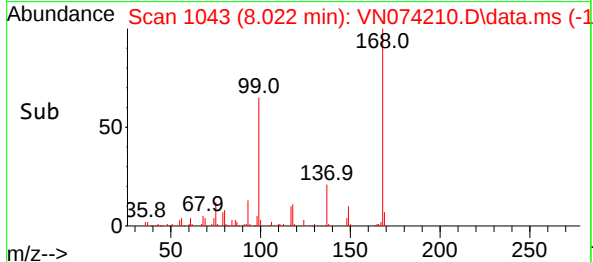
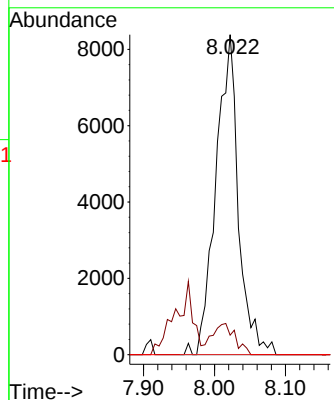
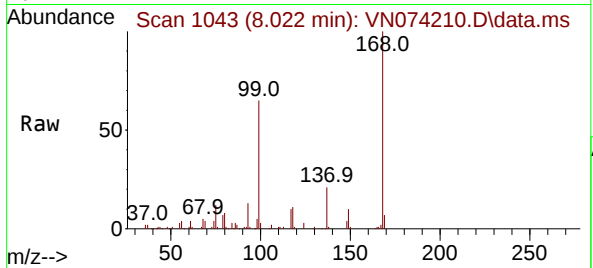




#36  
1,1-Dichloropropene  
Concen: 5.105 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.135 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

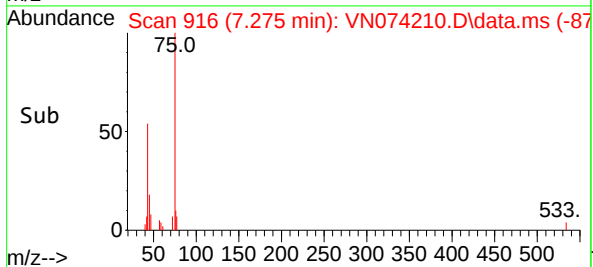
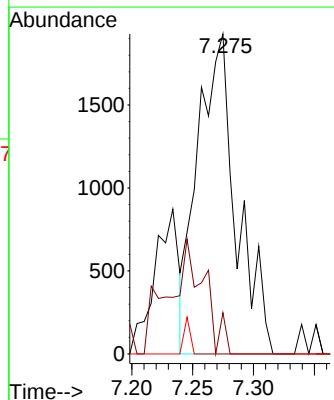
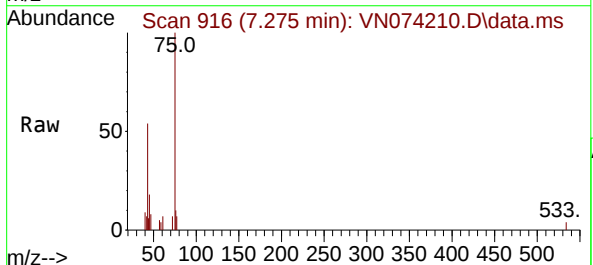
Instrument :  
MSVOA\_N  
ClientSampleId :

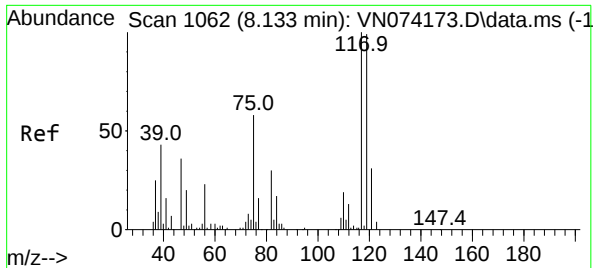
Tgt Ion: 75 Resp: 18410  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.3 54.8#  
77 0.0 25.1 37.7#



#37  
Ethyl Acetate  
Concen: 0.707 ug/l  
RT: 7.275 min Scan# 916  
Delta R.T. -0.059 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

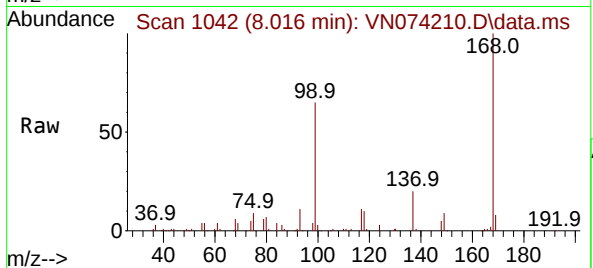
Tgt Ion: 43 Resp: 4265  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#



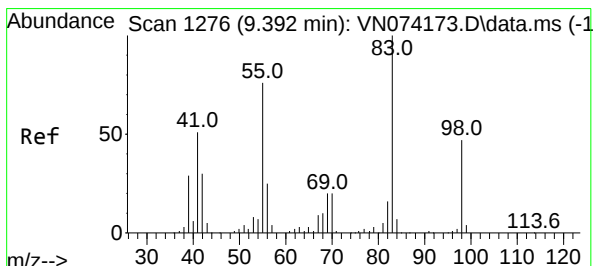
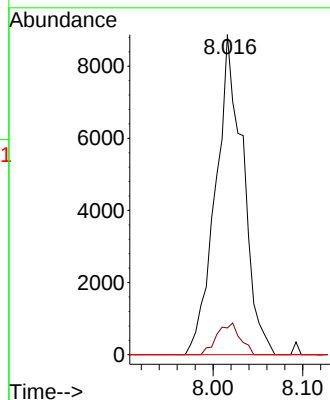
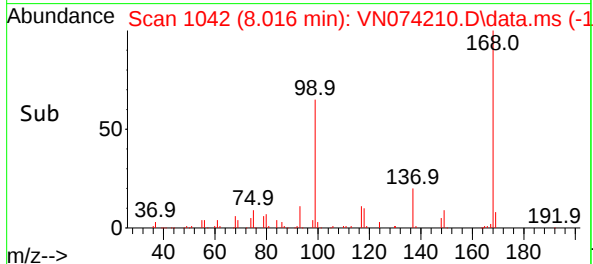


#38  
Carbon Tetrachloride  
Concen: 5.757 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.117 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :

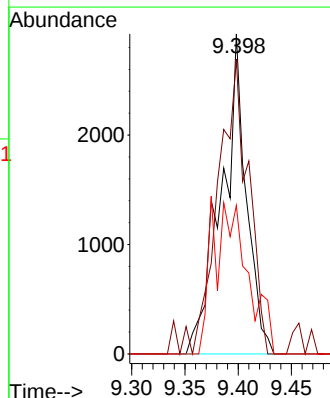
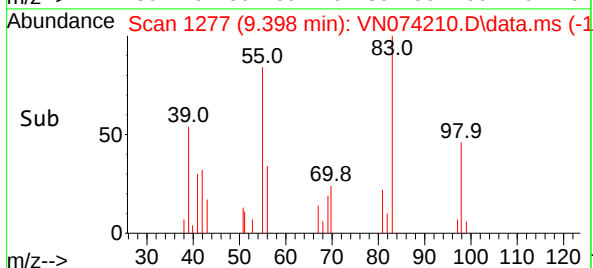
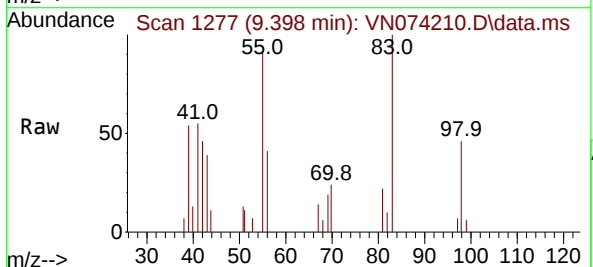


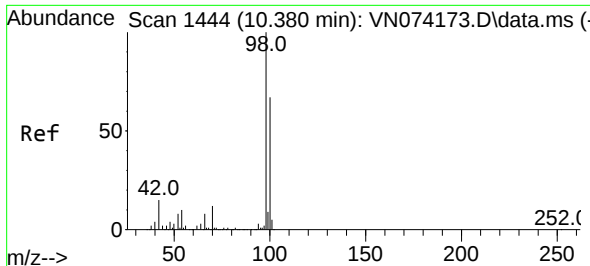
Tgt Ion:117 Resp: 18850  
Ion Ratio Lower Upper  
117 100  
119 8.4 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 1.138 ug/l  
RT: 9.398 min Scan# 1277  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 83 Resp: 4819  
Ion Ratio Lower Upper  
83 100  
55 92.0 57.8 86.8#  
98 46.4 39.4 59.2

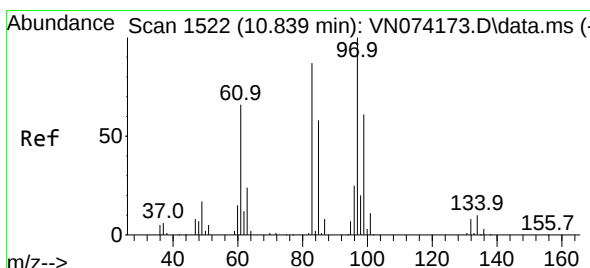
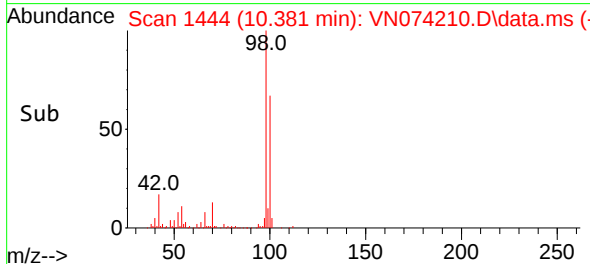
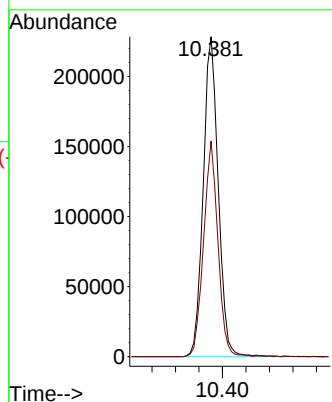
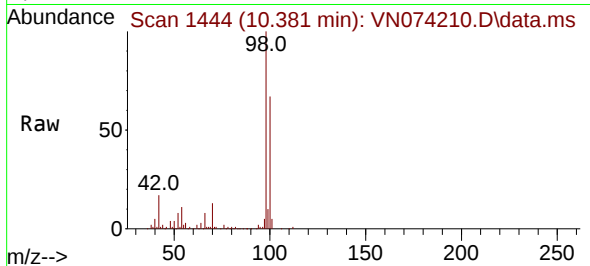




#50  
Toluene-d8  
Concen: 46.353 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

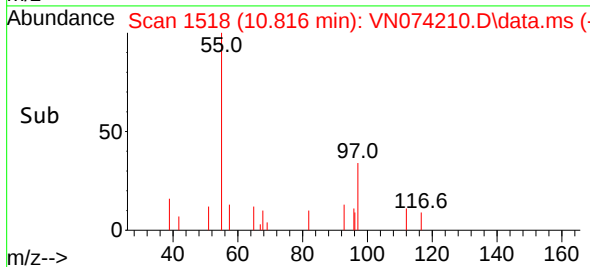
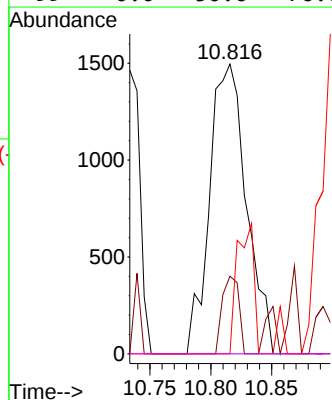
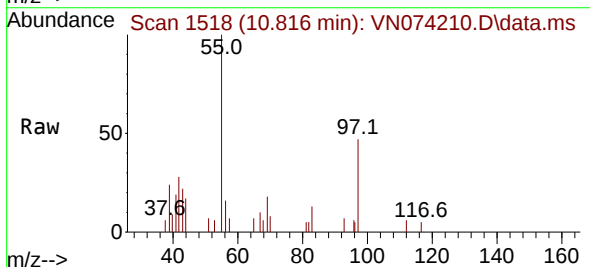
Instrument :  
MSVOA\_N  
ClientSampleId :

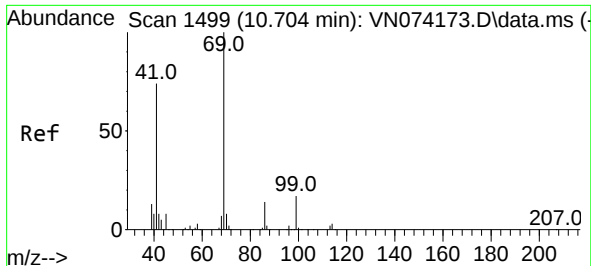
Tgt Ion: 98 Resp: 405727  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.6 78.8



#55  
1,1,2-Trichloroethane  
Concen: 1.094 ug/l  
RT: 10.816 min Scan# 1518  
Delta R.T. -0.023 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 97 Resp: 3157  
Ion Ratio Lower Upper  
97 100  
83 26.8 66.2 99.4#  
85 0.0 43.9 65.9#  
99 0.0 50.6 76.0#

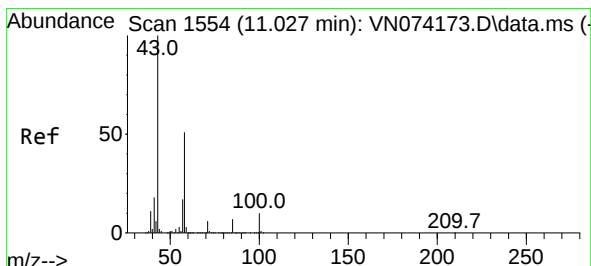
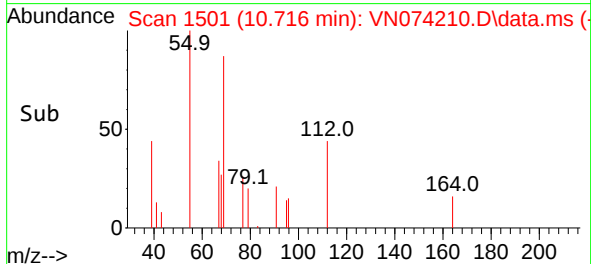
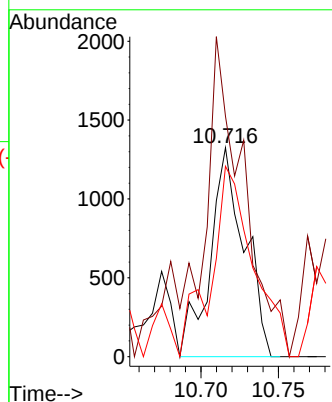
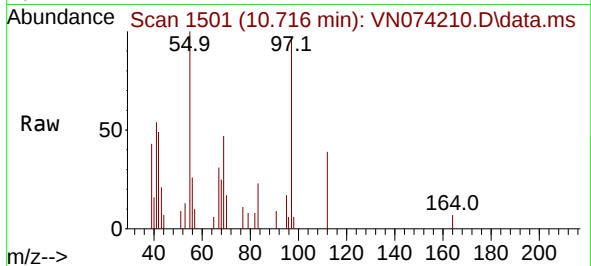




#56  
Ethyl methacrylate  
Concen: 0.467 ug/l  
RT: 10.716 min Scan# 1501  
Delta R.T. 0.012 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

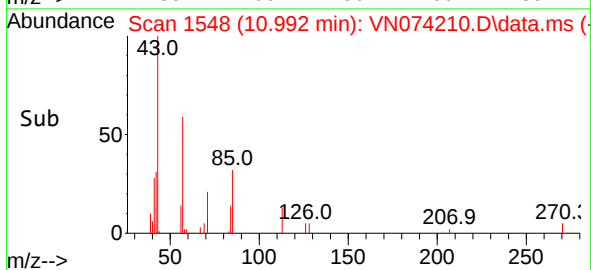
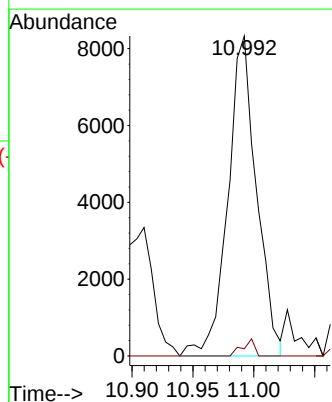
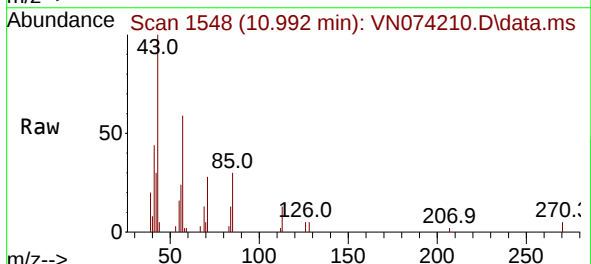
Instrument :  
MSVOA\_N  
ClientSampleId :

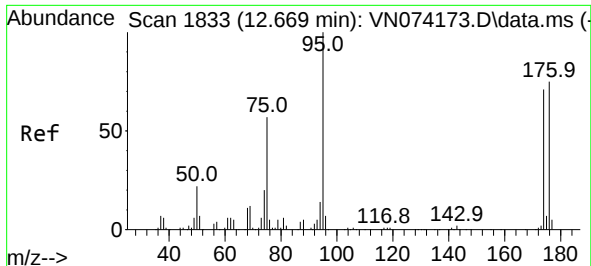
Tgt Ion: 69 Resp: 2043  
Ion Ratio Lower Upper  
69 100  
41 164.9 47.8 71.6#  
39 111.3 27.3 40.9#



#59  
2-Hexanone  
Concen: 3.056 ug/l  
RT: 10.992 min Scan# 1548  
Delta R.T. -0.035 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 43 Resp: 13647  
Ion Ratio Lower Upper  
43 100  
58 2.2 29.7 89.1#





#62

4-Bromofluorobenzene

Concen: 63.974 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA\_N

ClientSampleId :

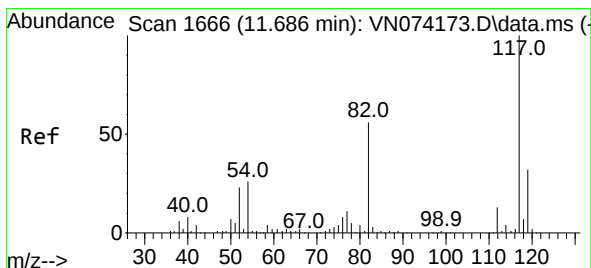
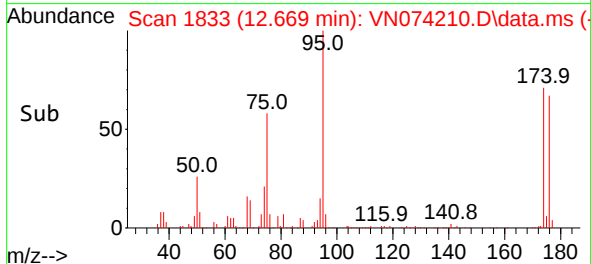
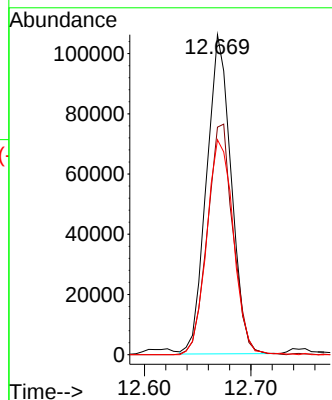
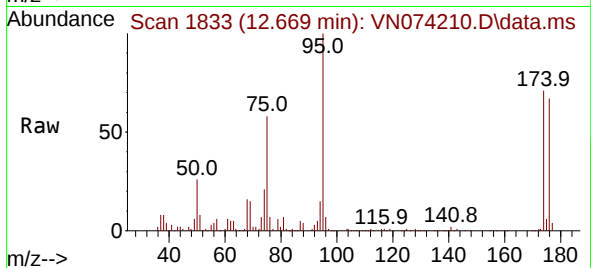
Tgt Ion: 95 Resp: 170289

Ion Ratio Lower Upper

95 100

174 75.6 0.0 167.6

176 73.4 0.0 163.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

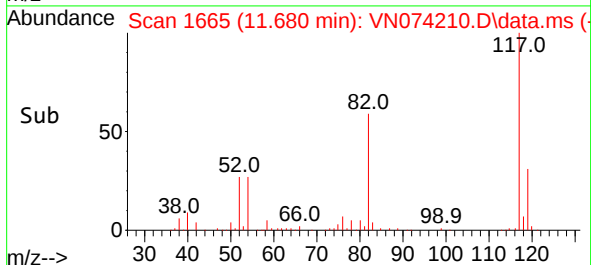
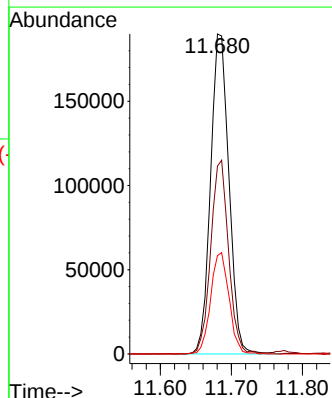
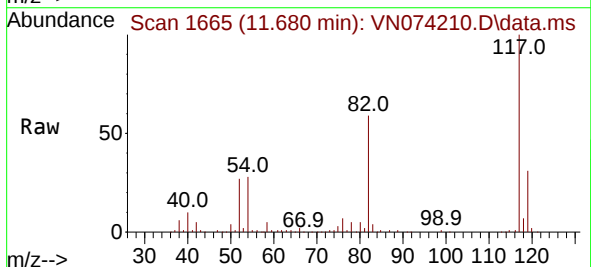
Tgt Ion: 117 Resp: 340599

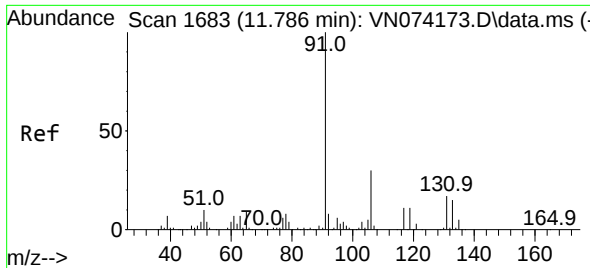
Ion Ratio Lower Upper

117 100

82 58.6 44.2 66.2

119 30.8 25.4 38.0

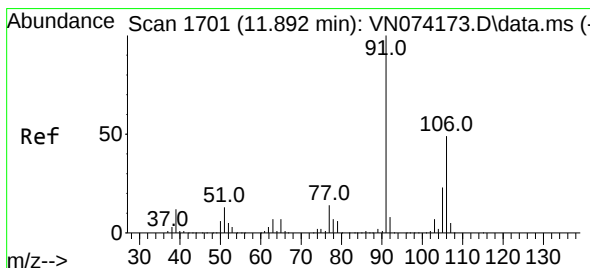
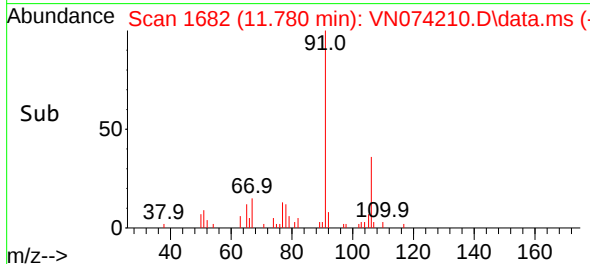
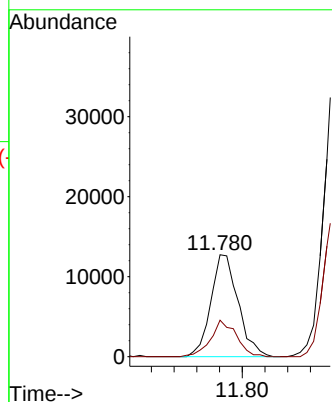
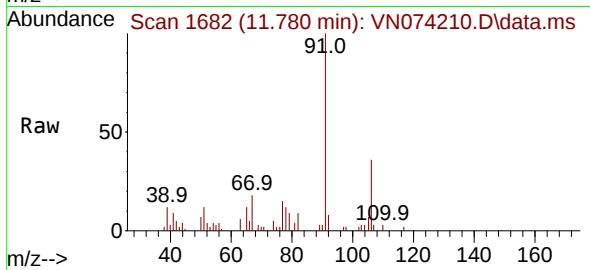




#67  
Ethyl Benzene  
Concen: 1.545 ug/l  
RT: 11.780 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

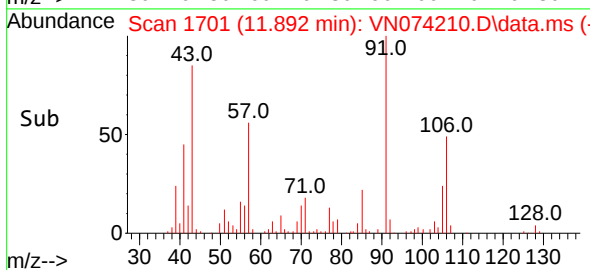
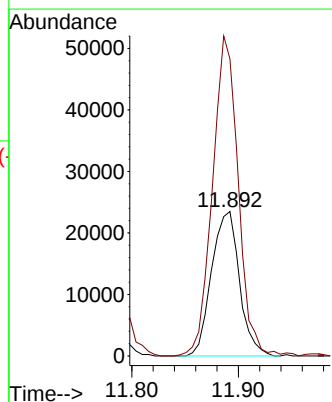
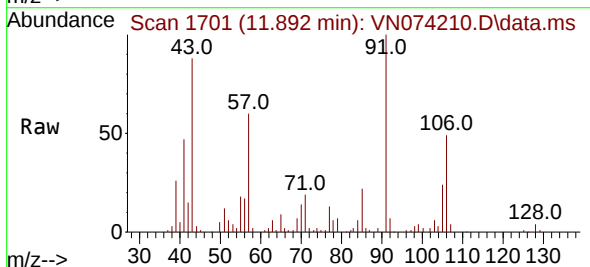
Instrument :  
MSVOA\_N  
ClientSampleId :

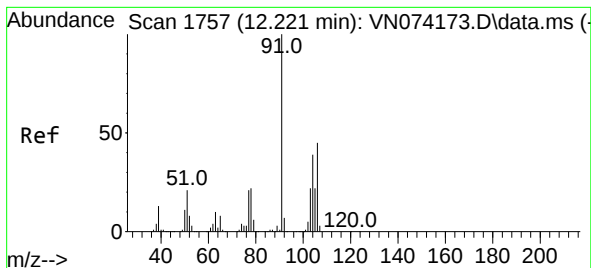
Tgt Ion: 91 Resp: 21248  
Ion Ratio Lower Upper  
91 100  
106 35.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 8.335 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion:106 Resp: 42588  
Ion Ratio Lower Upper  
106 100  
91 205.1 158.9 238.3





#69

o-Xylene

Concen: 0.286 ug/l

RT: 12.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA\_N

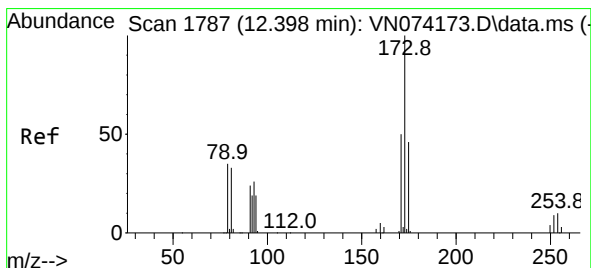
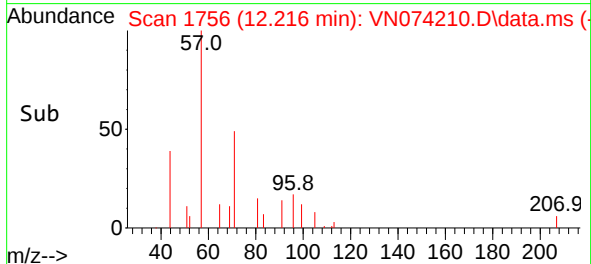
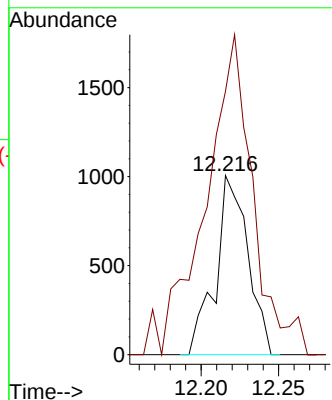
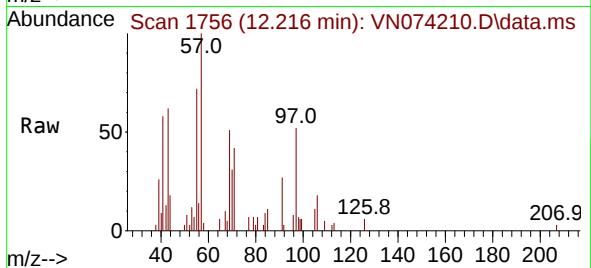
ClientSampleId :

Tgt Ion:106 Resp: 1454

Ion Ratio Lower Upper

106 100

91 265.5 106.0 318.0



#71

Bromoform

Concen: 0.563 ug/l

RT: 12.663 min Scan# 1832

Delta R.T. 0.265 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

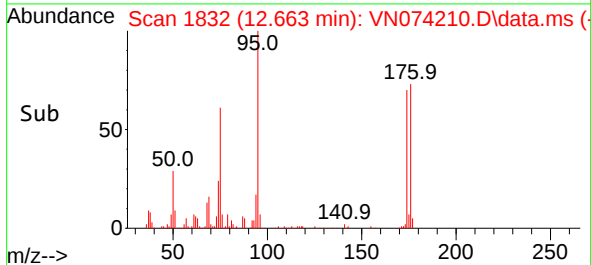
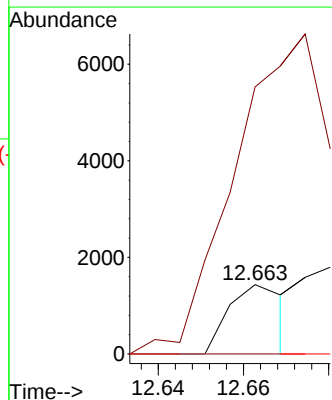
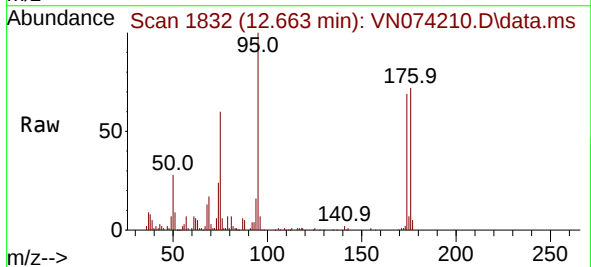
Tgt Ion:173 Resp: 1300

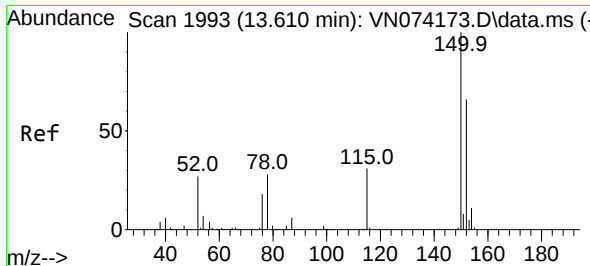
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

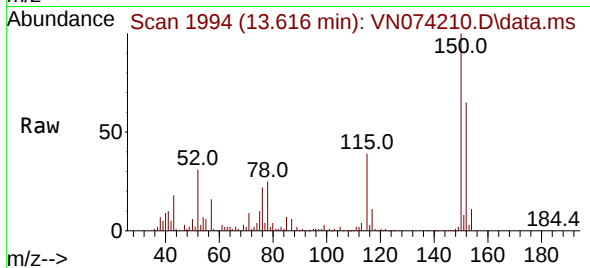
254 0.0 0.1 0.1#



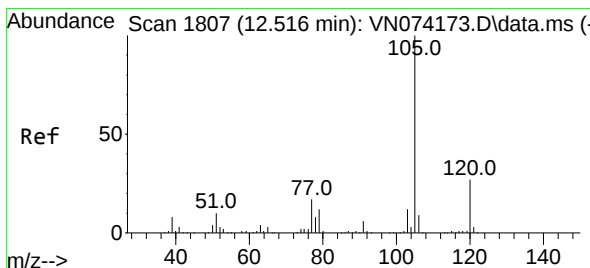
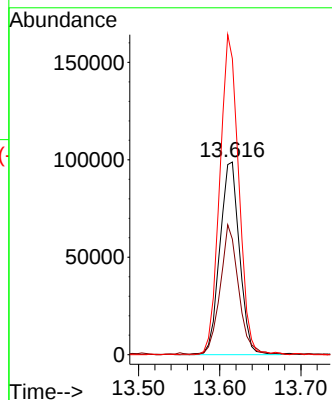
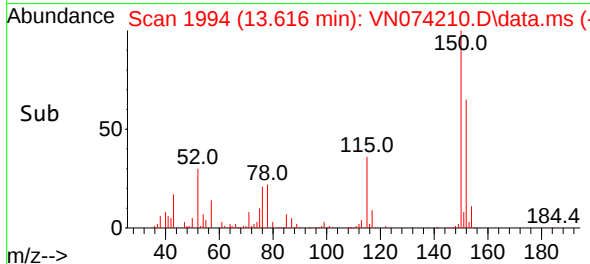


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.616 min Scan# 1994  
 Delta R.T. 0.006 min  
 Lab File: VN074210.D  
 Acq: 31 Aug 2022 13:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

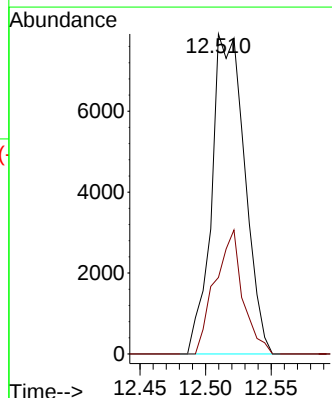
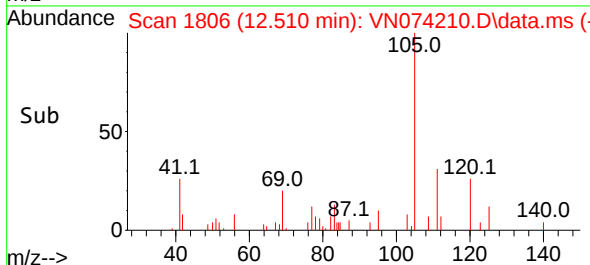
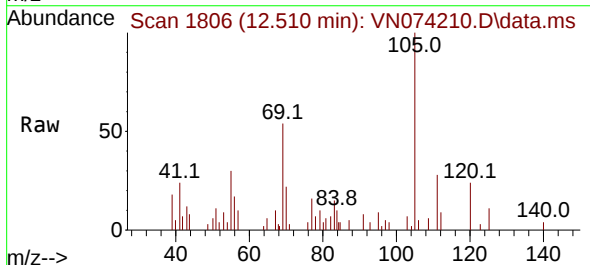


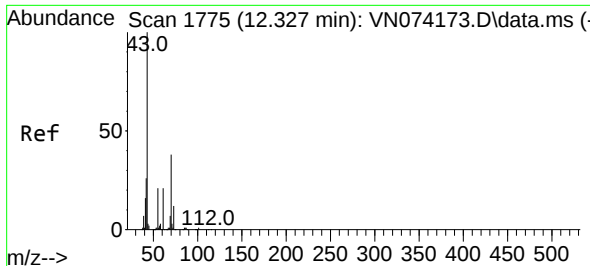
Tgt Ion:152 Resp: 166436  
 Ion Ratio Lower Upper  
 152 100  
 115 62.6 28.9 86.7  
 150 160.4 0.0 356.2



#73  
 Isopropylbenzene  
 Concen: 0.972 ug/l  
 RT: 12.510 min Scan# 1806  
 Delta R.T. -0.006 min  
 Lab File: VN074210.D  
 Acq: 31 Aug 2022 13:31

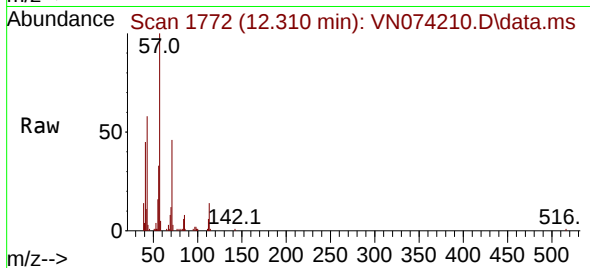
Tgt Ion:105 Resp: 13853  
 Ion Ratio Lower Upper  
 105 100  
 120 32.5 13.5 40.4



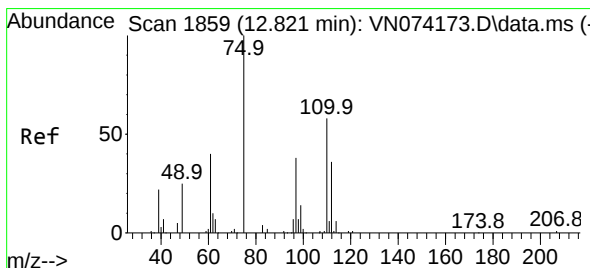
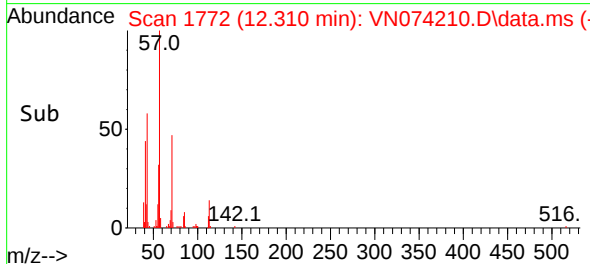
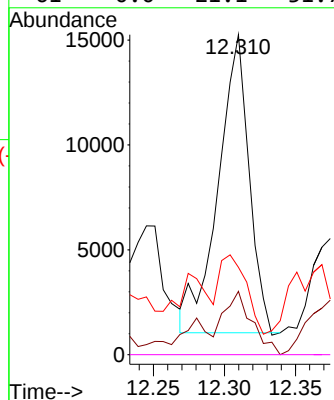


#74  
N-amy1 acetate  
Concen: 2.670 ug/l  
RT: 12.310 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :

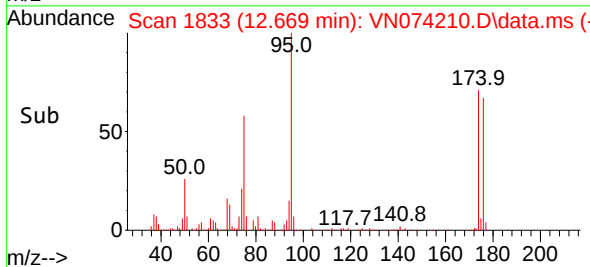
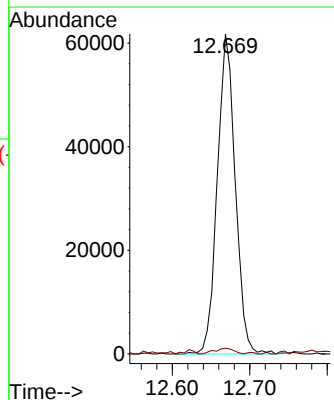
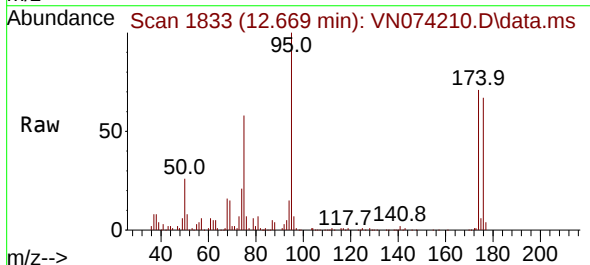


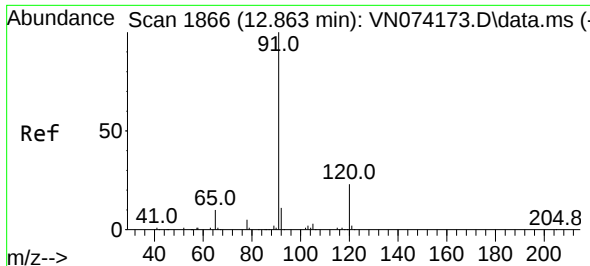
Tgt Ion: 43 Resp: 21534  
Ion Ratio Lower Upper  
43 100  
70 19.2 39.0 58.4#  
55 22.7 21.1 31.7  
61 0.0 21.1 31.7#



#76  
1,2,3-Trichloropropane  
Concen: 24.049 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.152 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 75 Resp: 99786  
Ion Ratio Lower Upper  
75 100  
77 1.9 98.5 295.5#

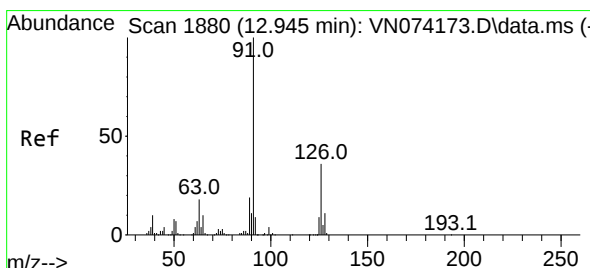
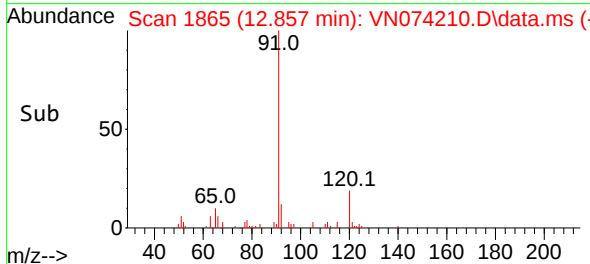
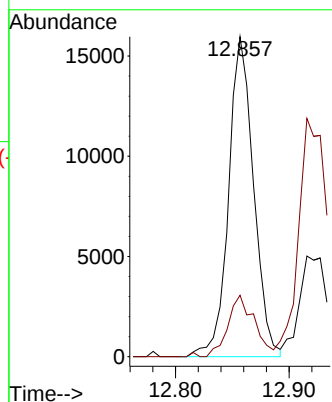
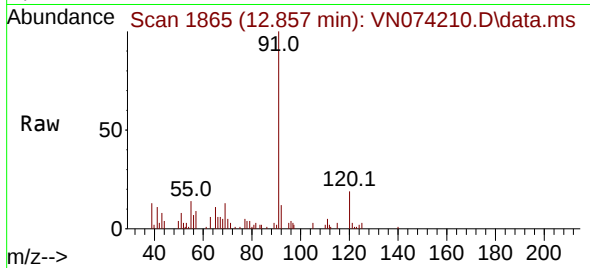




#78  
n-propylbenzene  
Concen: 1.500 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

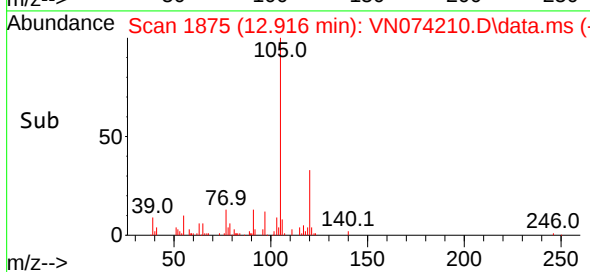
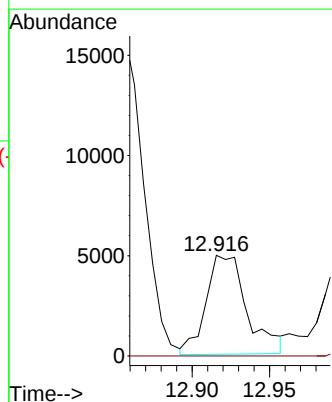
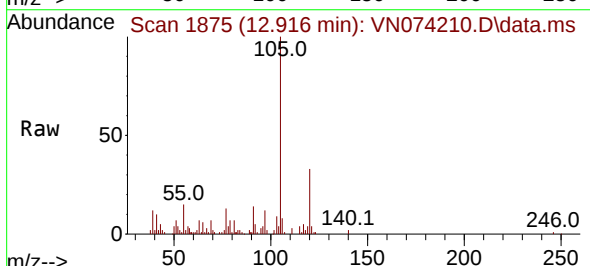
Instrument :  
MSVOA\_N  
ClientSampleId :

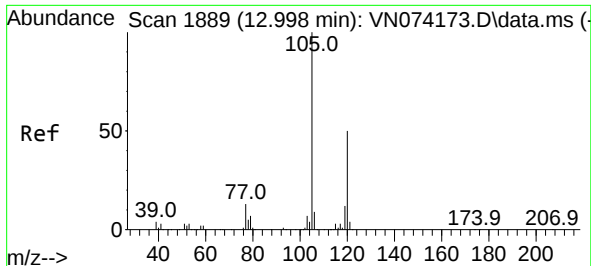
Tgt Ion: 91 Resp: 24378  
Ion Ratio Lower Upper  
91 100  
120 20.3 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 0.913 ug/l  
RT: 12.916 min Scan# 1875  
Delta R.T. -0.029 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

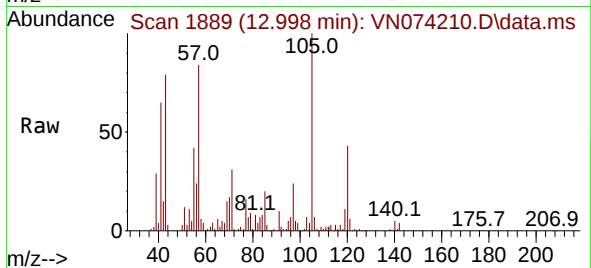
Tgt Ion: 91 Resp: 9091  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#



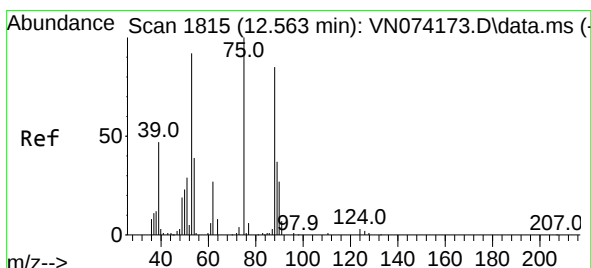
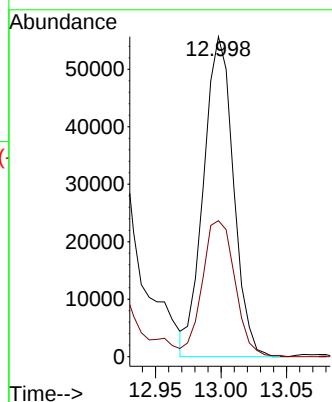
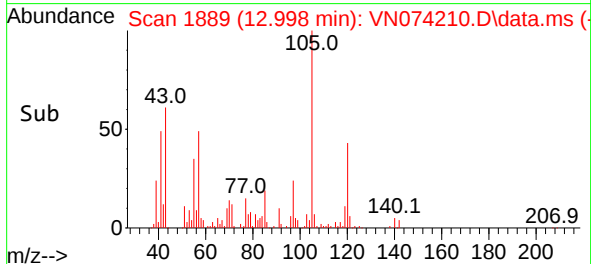


#80  
 1,3,5-Trimethylbenzene  
 Concen: 7.626 ug/l  
 RT: 12.998 min Scan# 1889  
 Delta R.T. 0.000 min  
 Lab File: VN074210.D  
 Acq: 31 Aug 2022 13:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

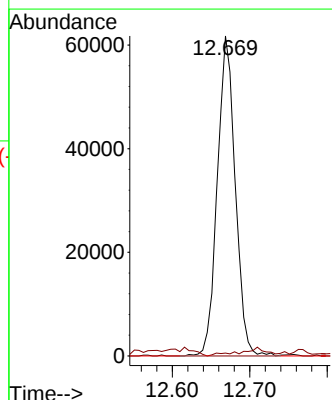
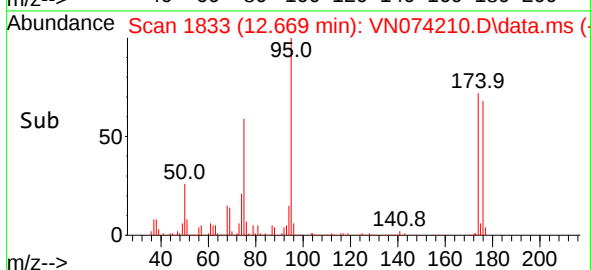
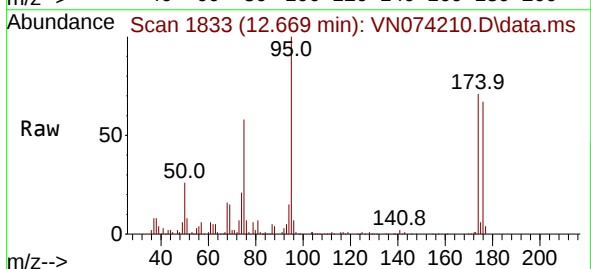


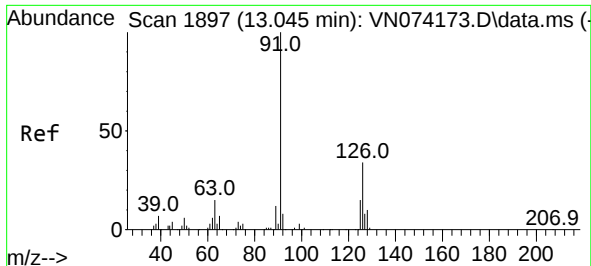
Tgt Ion:105 Resp: 88406  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 24.9 74.7



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.231 ug/l  
 RT: 12.669 min Scan# 1833  
 Delta R.T. 0.106 min  
 Lab File: VN074210.D  
 Acq: 31 Aug 2022 13:31

Tgt Ion: 75 Resp: 99786  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 78.0 117.0#  
 89 0.0 37.2 55.8#

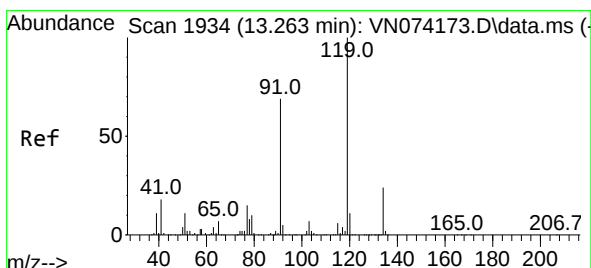
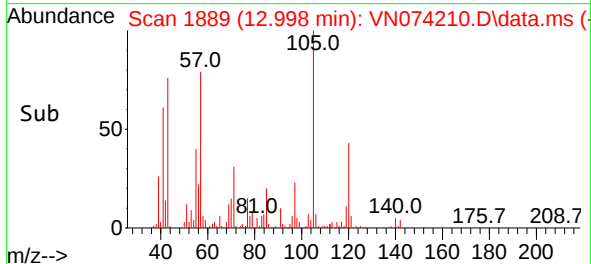
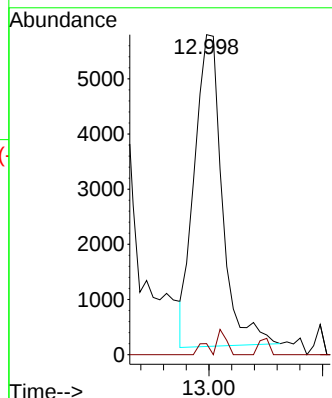
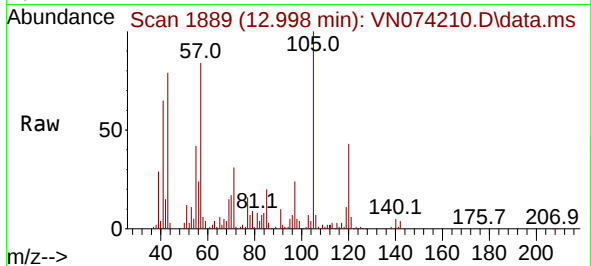




#82  
4-Chlorotoluene  
Concen: 0.996 ug/l  
RT: 12.998 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

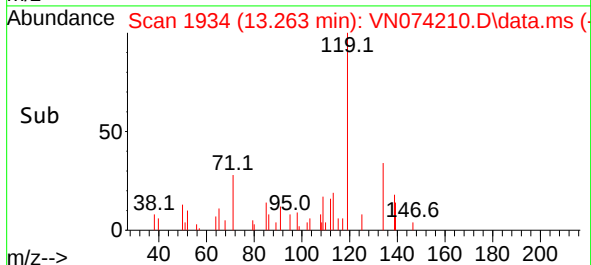
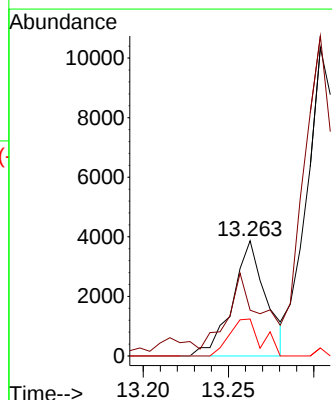
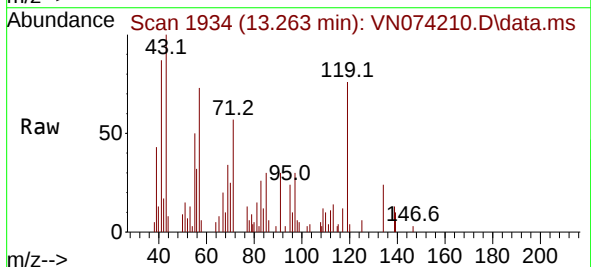
Instrument :  
MSVOA\_N  
ClientSampleId :

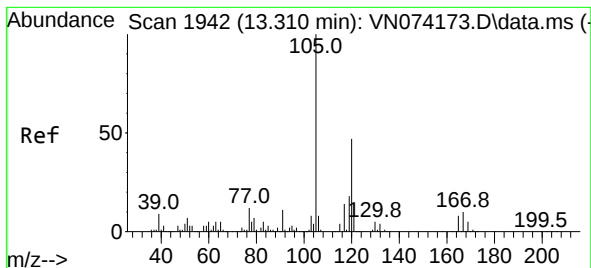
Tgt Ion: 91 Resp: 9590  
Ion Ratio Lower Upper  
91 100  
126 4.1 17.2 51.6#



#83  
tert-Butylbenzene  
Concen: 0.532 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

Tgt Ion: 119 Resp: 5277  
Ion Ratio Lower Upper  
119 100  
91 67.1 31.6 94.8  
134 30.4 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 11.552 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA\_N

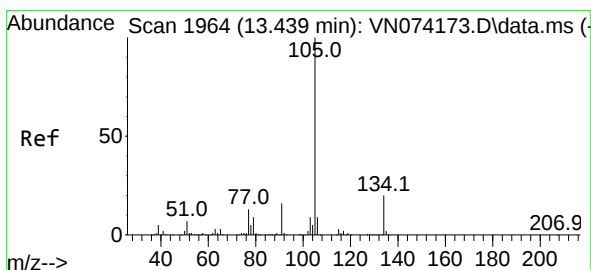
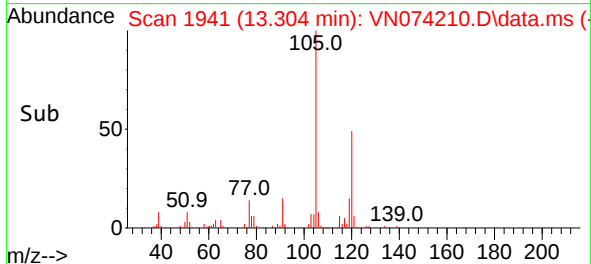
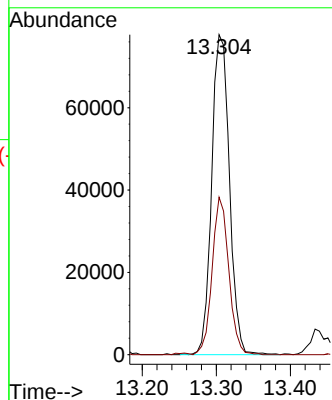
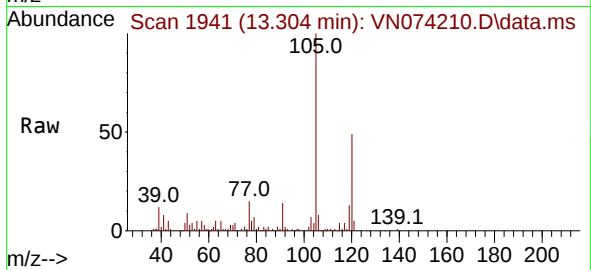
ClientSampleId :

Tgt Ion:105 Resp: 129239

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.743 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN074210.D

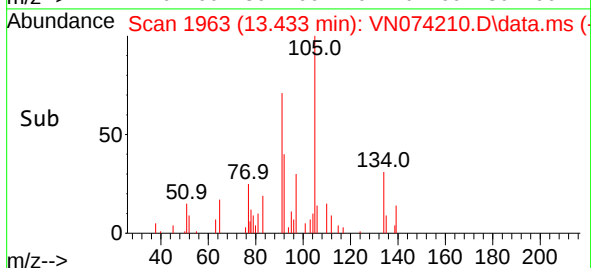
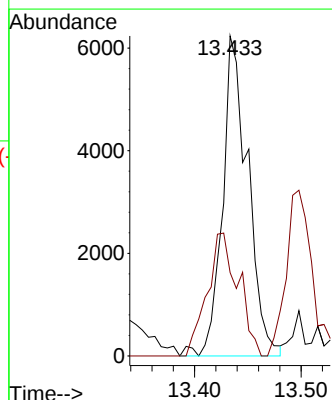
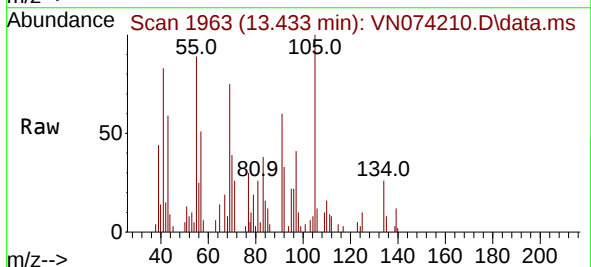
Acq: 31 Aug 2022 13:31

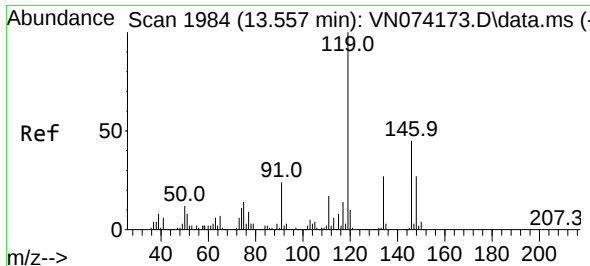
Tgt Ion:105 Resp: 10336

Ion Ratio Lower Upper

105 100

134 47.0 10.4 31.1#

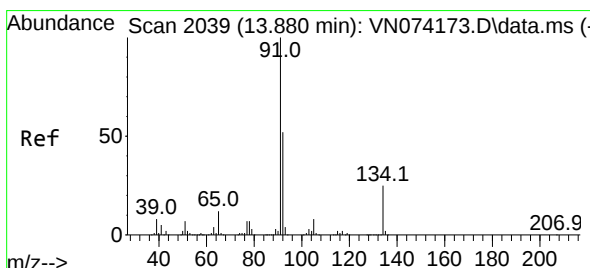
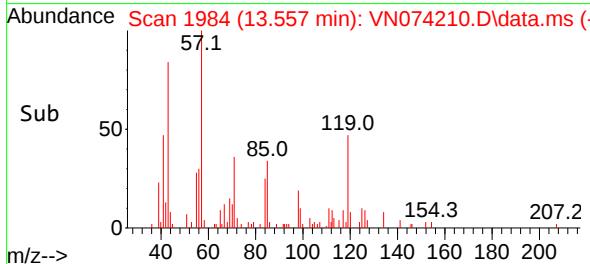
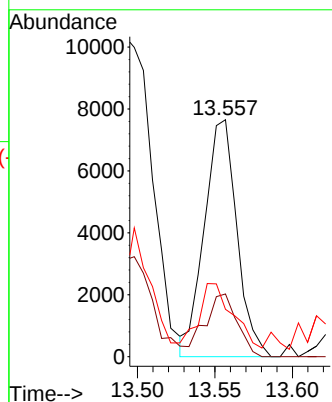
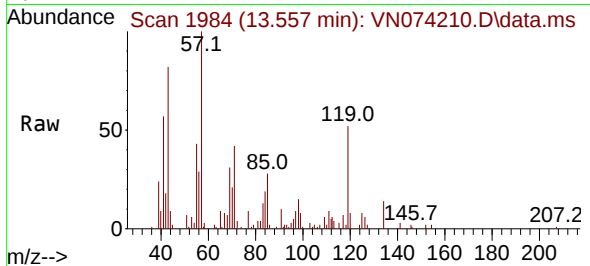




#86  
p-Isopropyltoluene  
Concen: 1.032 ug/l  
RT: 13.557 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

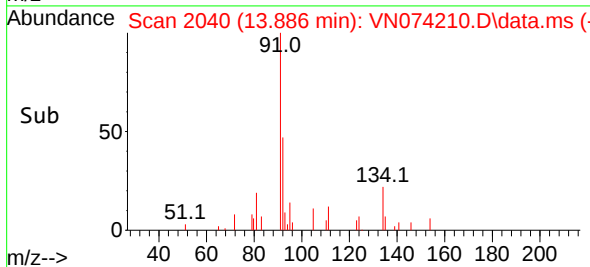
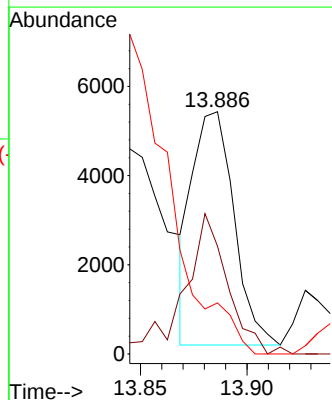
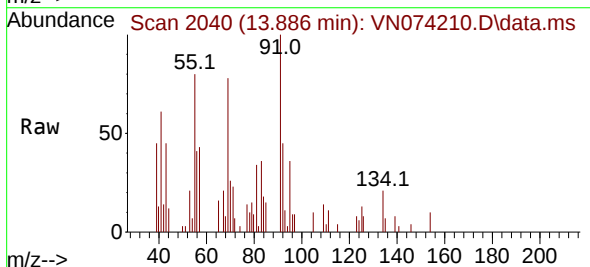
Instrument :  
MSVOA\_N  
ClientSampleId :

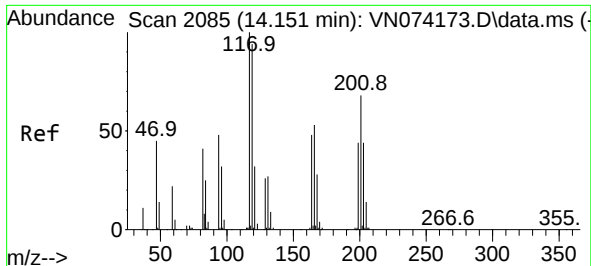
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.7  | 13.3  | 39.8  |
| 91      | 27.6  | 11.3  | 33.9  |



#89  
n-Butylbenzene  
Concen: 0.752 ug/l  
RT: 13.886 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 62.1  | 26.9  | 80.7  |
| 134     | 0.0   | 13.6  | 40.8  |

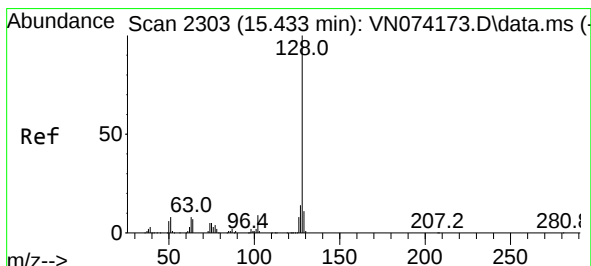
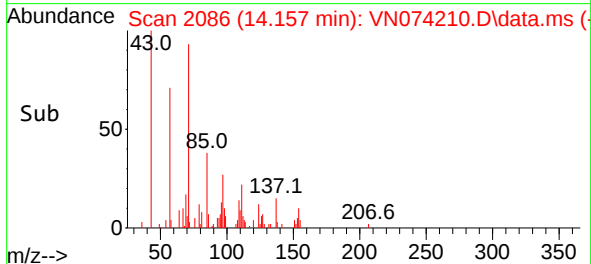
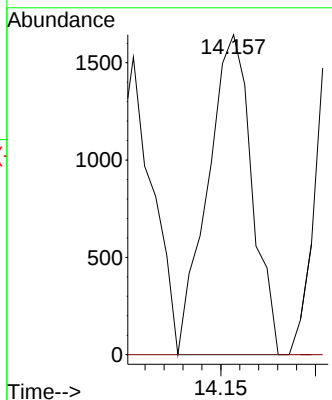
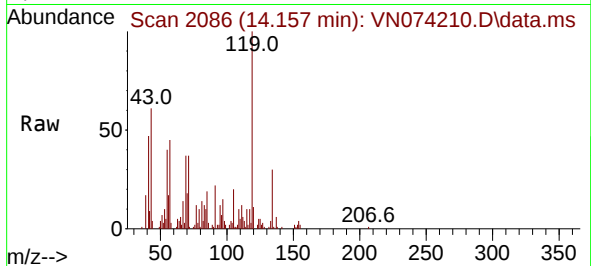




#90  
Hexachloroethane  
Concen: 1.194 ug/l  
RT: 14.157 min Scan# 2086  
Delta R.T. 0.006 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

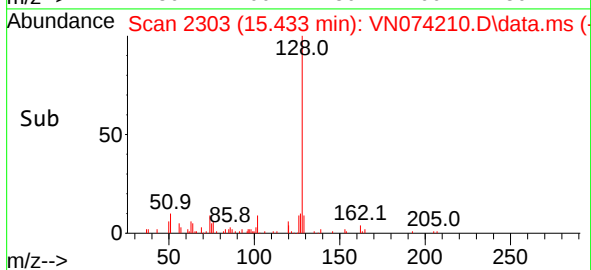
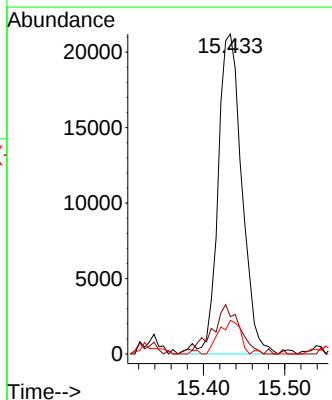
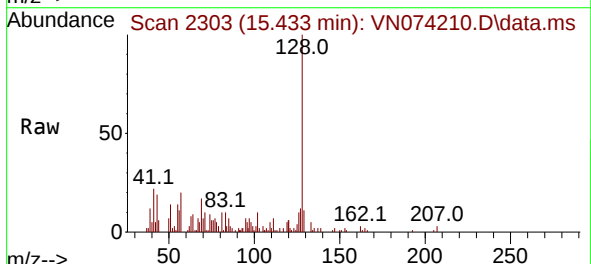
Instrument :  
MSVOA\_N  
ClientSampleId :

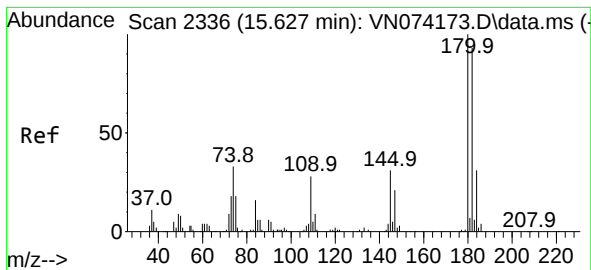
Tgt Ion:117 Resp: 2664  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#95  
Naphthalene  
Concen: 4.508 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: VN074210.D  
Acq: 31 Aug 2022 13:31

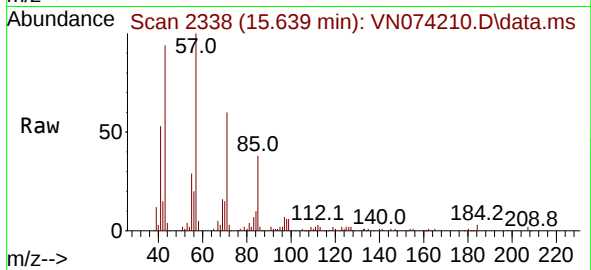
Tgt Ion:128 Resp: 43399  
Ion Ratio Lower Upper  
128 100  
127 17.6 10.3 15.5#  
129 9.7 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.302 ug/l  
 RT: 15.639 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: VN074210.D  
 Acq: 31 Aug 2022 13:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 959  
 Ion Ratio Lower Upper  
 180 100  
 182 129.9 47.8 143.3  
 145 0.0 15.5 46.5#

