

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051022\  
 Data File : VN072403.D  
 Acq On : 10 May 2022 19:51  
 Operator : JC\MD  
 Sample : N2754-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 40828RE

Quant Time: May 11 03:04:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 10 15:43:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.080  | 168   | 247174   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963  | 114   | 452827   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739 | 117   | 513080   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668 | 152   | 225856   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433  | 65    | 180571   | 47.696    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery  | =      | 95.400%  |
| 35) Dibromofluoromethane      | 8.022  | 113   | 141845   | 47.083    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery  | =      | 94.160%  |
| 50) Toluene-d8                | 10.439 | 98    | 580775   | 50.618    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery  | =      | 101.240% |
| 62) 4-Bromofluorobenzene      | 12.727 | 95    | 246689   | 64.740    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery  | =      | 129.480% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.293  | 50    | 1085     | Below Cal | #      | 43       |
| 5) Bromomethane               | 2.857  | 94    | 512      | 0.328     | ug/l # | 65       |
| 6) Chloroethane               | 3.022  | 64    | 759      | Below Cal | #      | 42       |
| 11) Tert butyl alcohol        | 5.369  | 59    | 9283     | 14.996    | ug/l # | 91       |
| 13) Acrolein                  | 4.045  | 56    | 1900     | 3.137     | ug/l # | 55       |
| 14) Allyl chloride            | 5.075  | 41    | 2920     | 0.631     | ug/l # | 24       |
| 16) Acetone                   | 4.292  | 43    | 31861    | 21.250    | ug/l # | 84       |
| 17) Carbon Disulfide          | 4.545  | 76    | 5991     | 0.929     | ug/l # | 75       |
| 18) Methyl Acetate            | 4.875  | 43    | 913      | 0.207     | ug/l # | 59       |
| 25) 2-Butanone                | 7.339  | 43    | 6654     | 2.812     | ug/l # | 89       |
| 31) Cyclohexane               | 8.080  | 56    | 17716    | 3.532     | ug/l # | 78       |
| 36) 1,1-Dichloropropene       | 8.080  | 75    | 19937    | 4.608     | ug/l # | 51       |
| 37) Ethyl Acetate             | 7.339  | 43    | 6654     | 1.282     | ug/l # | 67       |
| 38) Carbon Tetrachloride      | 8.080  | 117   | 26517    | 5.476     | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.457  | 83    | 26159    | 5.379     | ug/l   | 99       |
| 41) Methacrylonitrile         | 7.680  | 41    | 755      | 0.294     | ug/l # | 30       |
| 43) Isopropyl Acetate         | 8.545  | 43    | 4217     | 0.529     | ug/l # | 53       |
| 47) Bromodichloromethane      | 9.739  | 83    | 1180     | 0.252     | ug/l # | 26       |
| 48) Methyl methacrylate       | 9.504  | 41    | 1723     | 0.463     | ug/l # | 27       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43    | 6744     | 1.362     | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 10.869 | 97    | 4915     | 1.480     | ug/l # | 21       |
| 58) 2-Chloroethyl Vinyl ether | 9.969  | 63    | 341      | 17.588    | ug/l # | 44       |
| 59) 2-Hexanone                | 11.086 | 43    | 4450     | 1.282     | ug/l # | 60       |
| 67) Ethyl Benzene             | 11.845 | 91    | 10195    | 0.564     | ug/l   | 90       |
| 68) m/p-Xylenes               | 11.951 | 106   | 17315    | 2.524     | ug/l   | 90       |
| 69) o-Xylene                  | 12.280 | 106   | 2574     | 0.382     | ug/l   | 96       |
| 74) N-amyl acetate            | 12.351 | 43    | 1718     | 0.260     | ug/l # | 48       |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75    | 133506   | 22.664    | ug/l # | 1        |
| 78) n-propylbenzene           | 12.915 | 91    | 5619     | 0.281     | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105   | 50891    | 3.321     | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75    | 133506   | 75.606    | ug/l # | 11       |
| 83) tert-Butylbenzene         | 13.562 | 119   | 4156     | 0.310     | ug/l   | 73       |
| 84) 1,2,4-Trimethylbenzene    | 13.368 | 105   | 19968    | 1.340     | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.368 | 105   | 19968    | 1.116     | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.610 | 119   | 2810     | 0.202     | ug/l # | 82       |
| 89) n-Butylbenzene            | 13.933 | 91    | 2293     | 0.215     | ug/l # | 71       |

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Sample : N2754-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

Quant Time: May 11 03:04:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 10 15:43:28 2022  
Response via : Initial Calibration

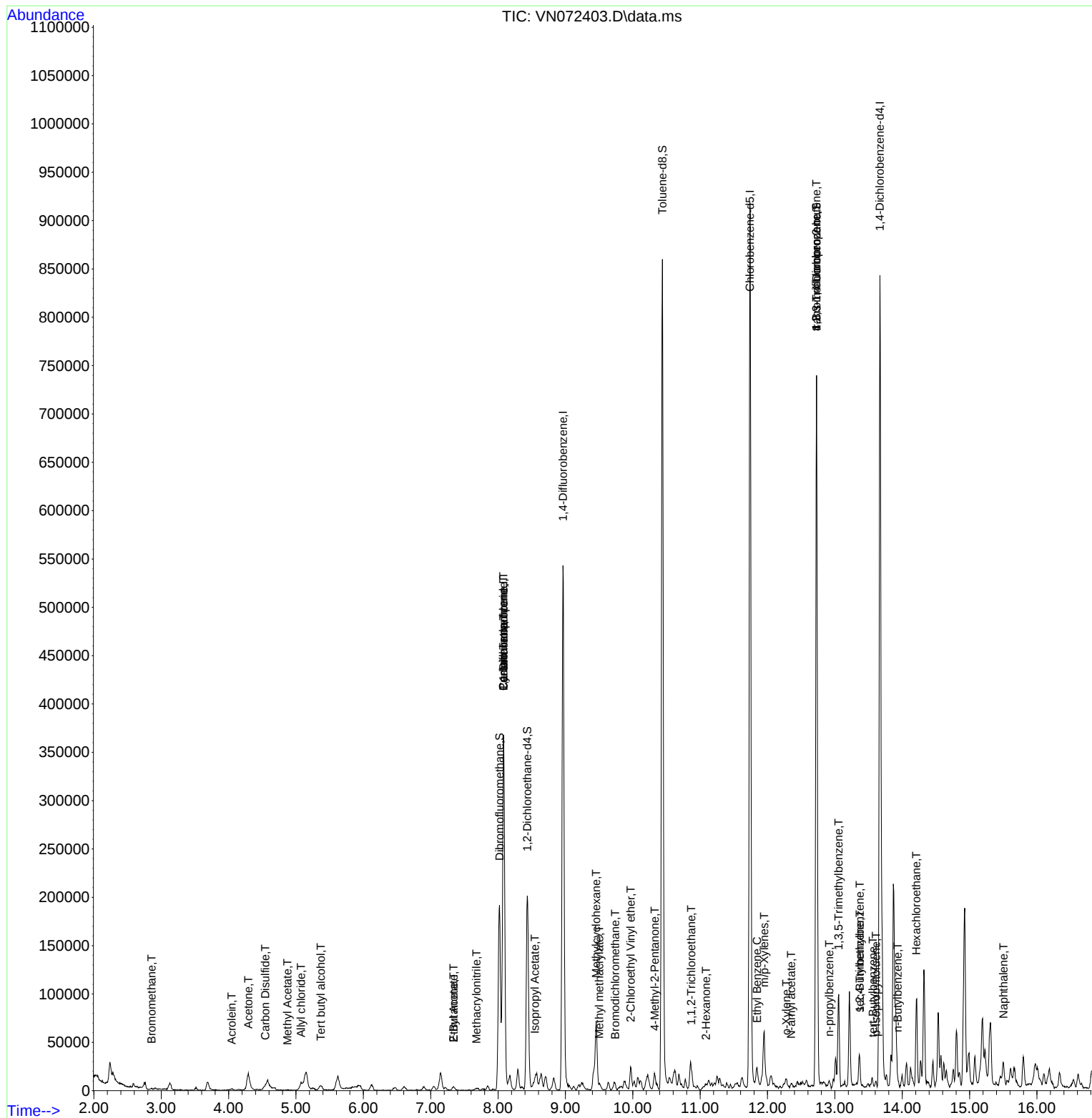
| Compound             | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------|--------|------|----------|-------|--------|----------|
| 90) Hexachloroethane | 14.209 | 117  | 5593     | 2.008 | ug/l # | 9        |
| 95) Naphthalene      | 15.504 | 128  | 22916    | 5.165 | ug/l # | 95       |

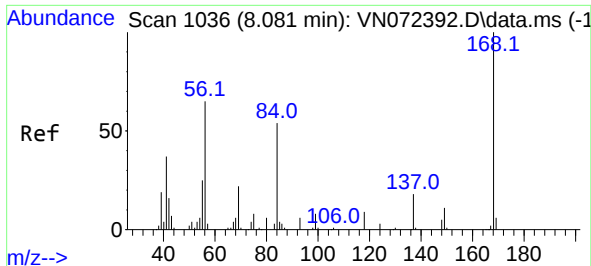
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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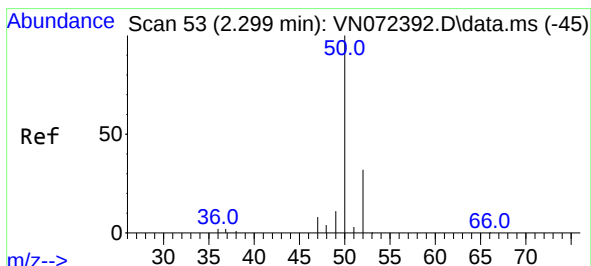
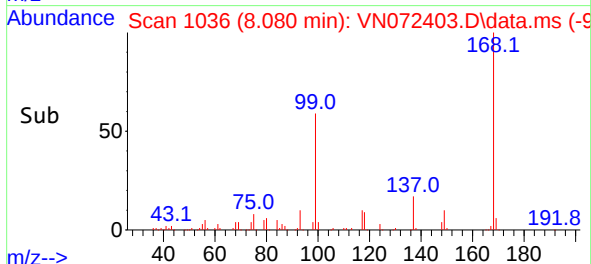
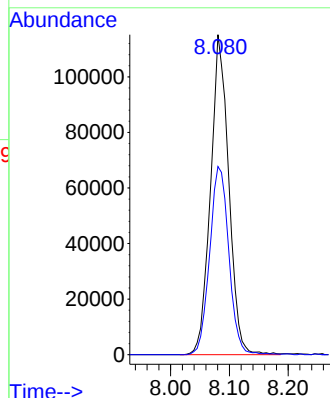
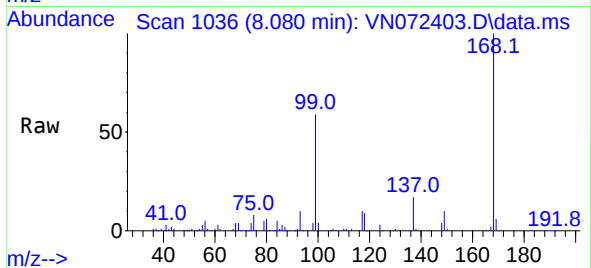




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

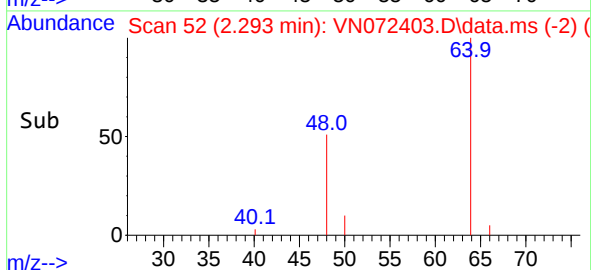
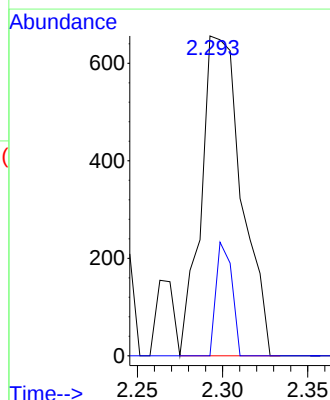
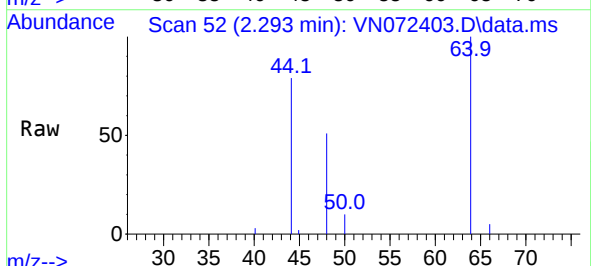
Instrument :  
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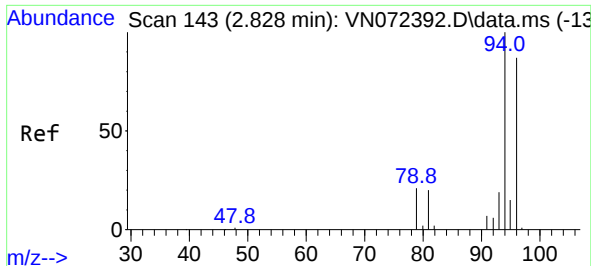
Tgt Ion:168 Resp: 247174  
Ion Ratio Lower Upper  
168 100  
99 58.8 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.293 min Scan# 52  
Delta R.T. -0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 50 Resp: 1085  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.7 38.5#

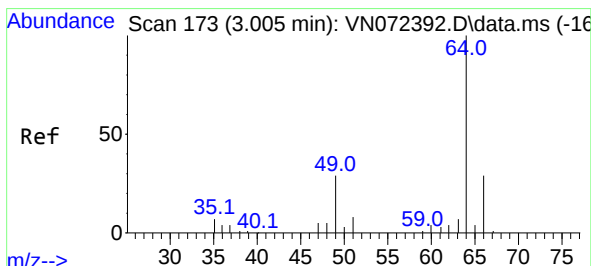
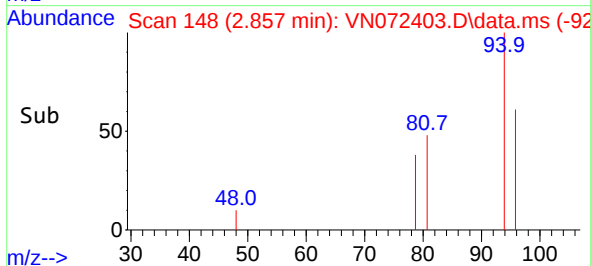
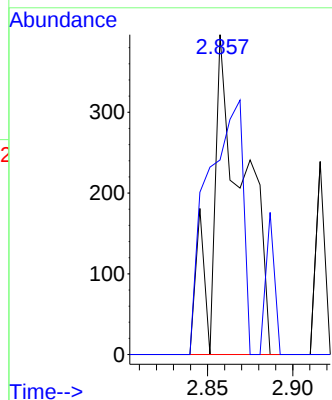
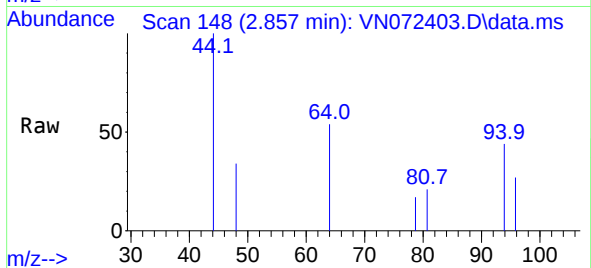




#5  
Bromomethane  
Concen: 0.328 ug/l  
RT: 2.857 min Scan# 143  
Delta R.T. 0.029 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

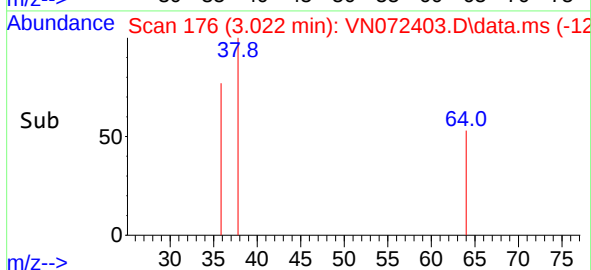
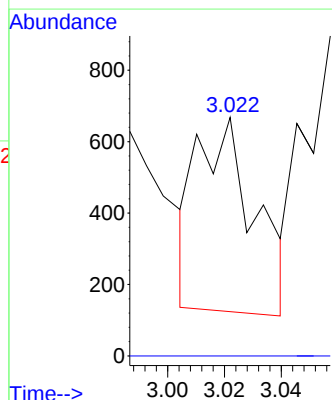
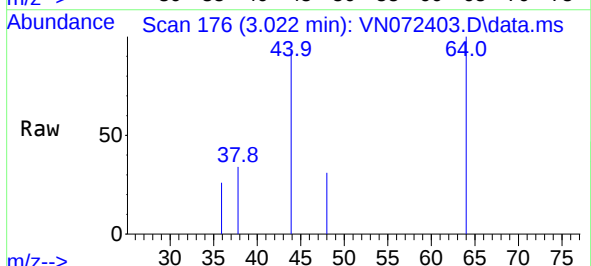
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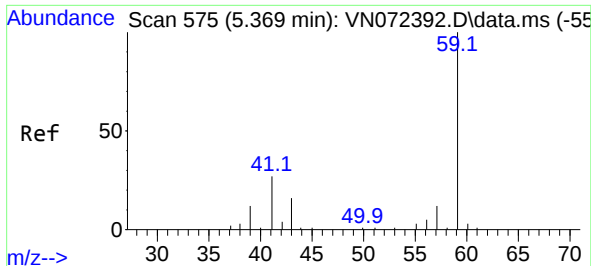
Tgt Ion: 94 Resp: 512  
Ion Ratio Lower Upper  
94 100  
96 60.9 76.0 114.0#



#6  
Chloroethane  
Concen: Below Cal  
RT: 3.022 min Scan# 176  
Delta R.T. 0.017 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 64 Resp: 759  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

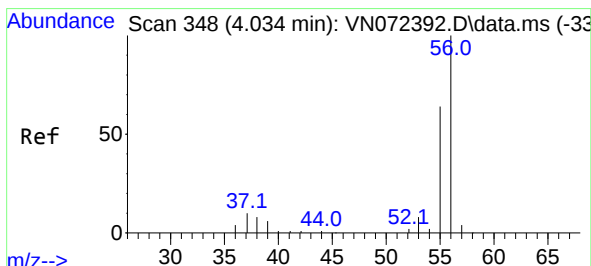
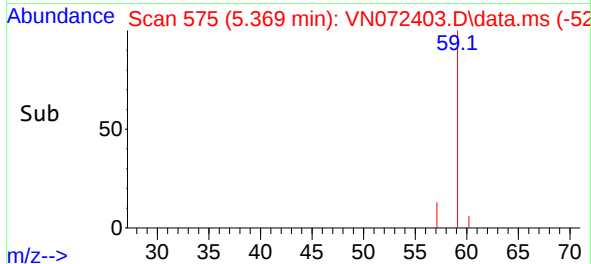
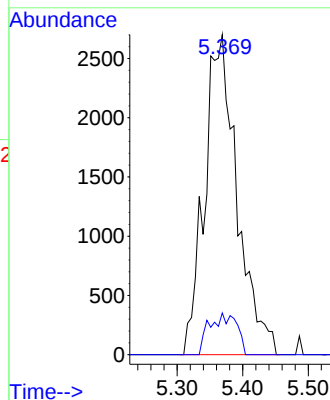
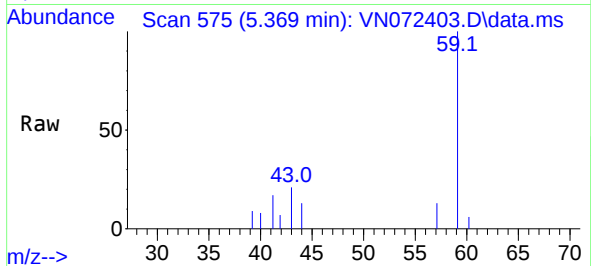




#11  
Tert butyl alcohol  
Concen: 14.996 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

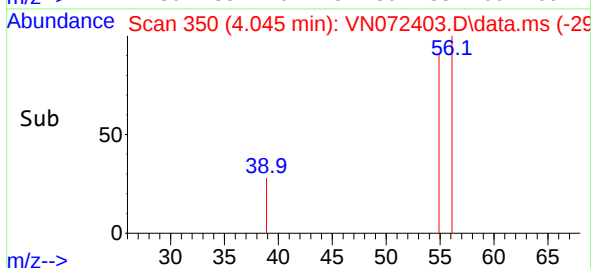
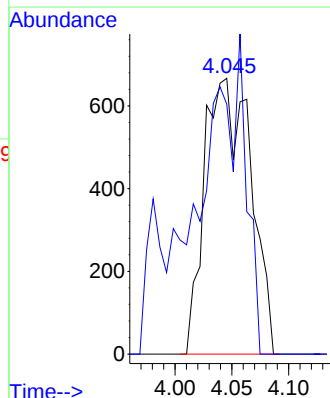
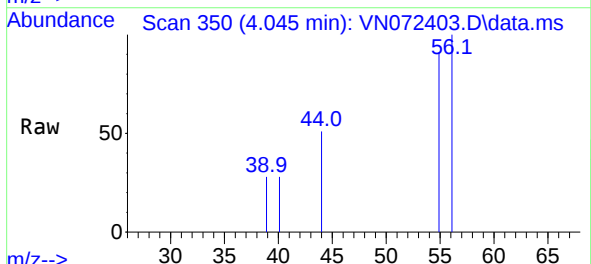
Instrument :  
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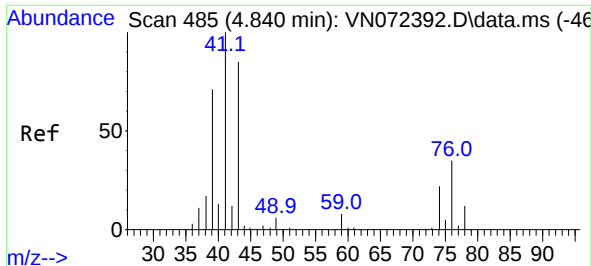
Tgt Ion: 59 Resp: 9283  
Ion Ratio Lower Upper  
59 100  
57 6.9 8.3 12.5#



#13  
Acrolein  
Concen: 3.137 ug/l  
RT: 4.045 min Scan# 350  
Delta R.T. 0.011 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 56 Resp: 1900  
Ion Ratio Lower Upper  
56 100  
55 105.2 54.8 82.2#

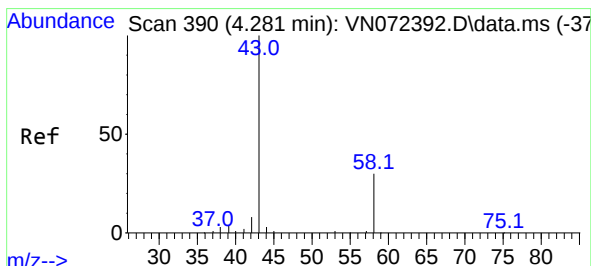
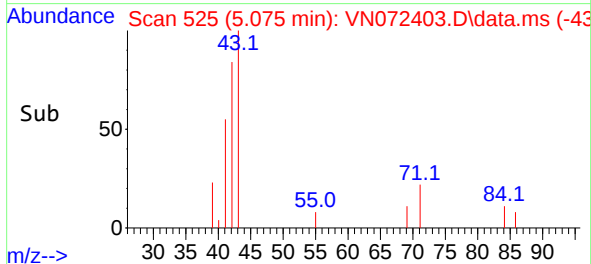
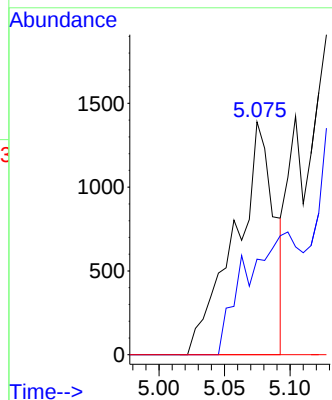
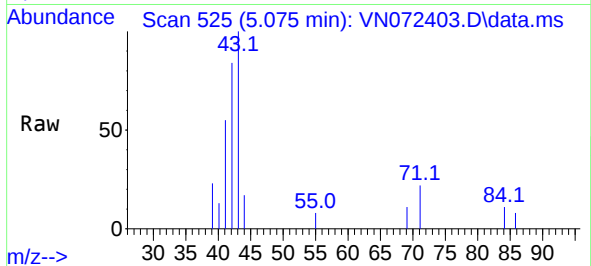




#14  
Allyl chloride  
Concen: 0.631 ug/l  
RT: 5.075 min Scan# 51  
Delta R.T. 0.235 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

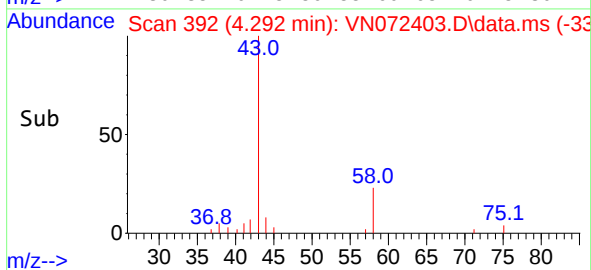
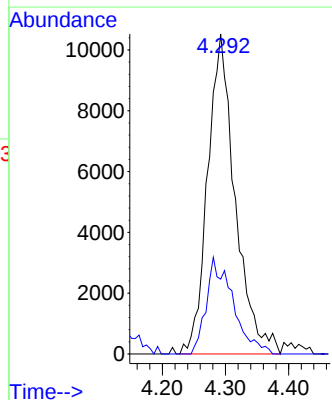
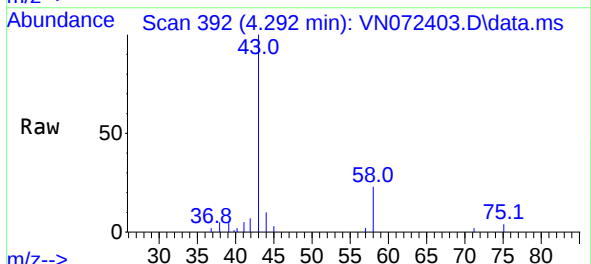
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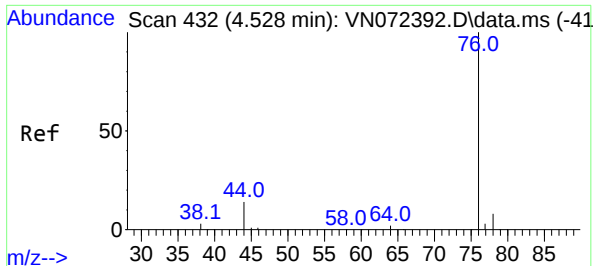
Tgt Ion: 41 Resp: 2920  
Ion Ratio Lower Upper  
41 100  
39 0.0 53.2 79.8#  
76 0.0 29.9 44.9#



#16  
Acetone  
Concen: 21.250 ug/l  
RT: 4.292 min Scan# 392  
Delta R.T. 0.011 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 43 Resp: 31861  
Ion Ratio Lower Upper  
43 100  
58 23.4 26.0 39.0#

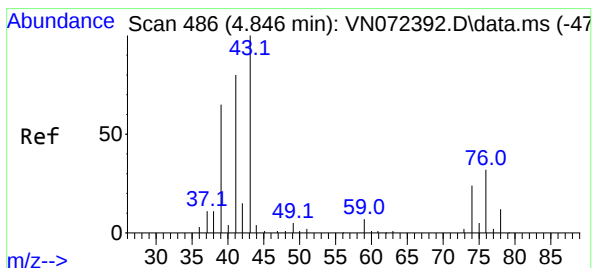
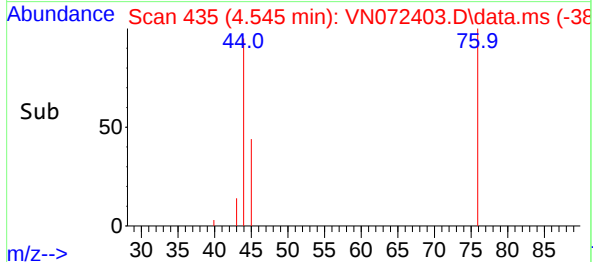
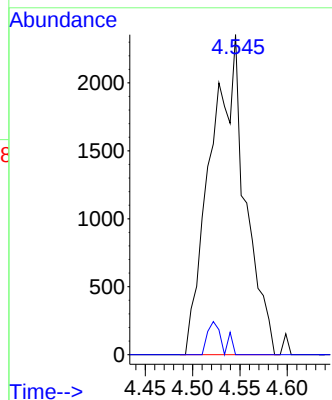
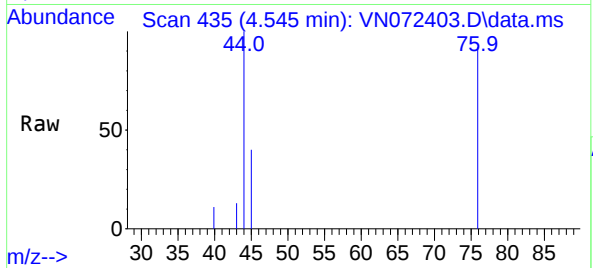




#17  
Carbon Disulfide  
Concen: 0.929 ug/l  
RT: 4.545 min Scan# 411  
Delta R.T. 0.017 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

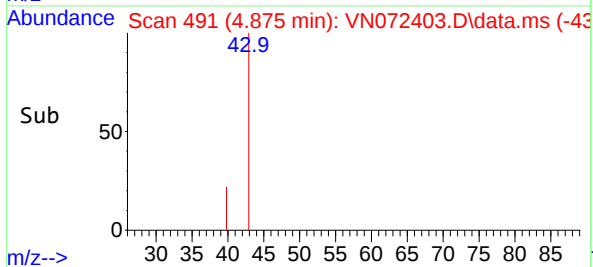
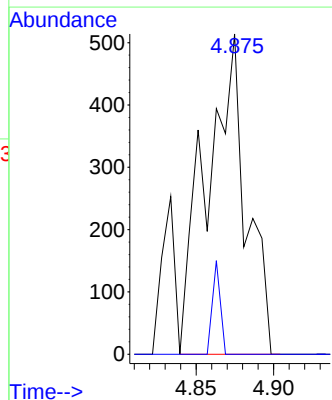
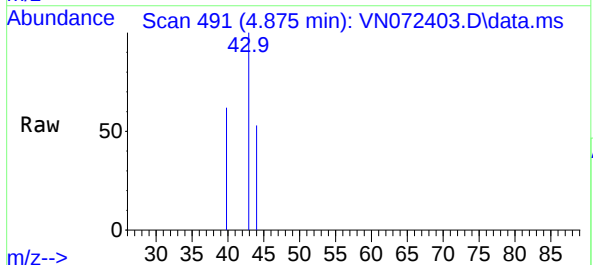
Instrument :  
MSVOA\_N  
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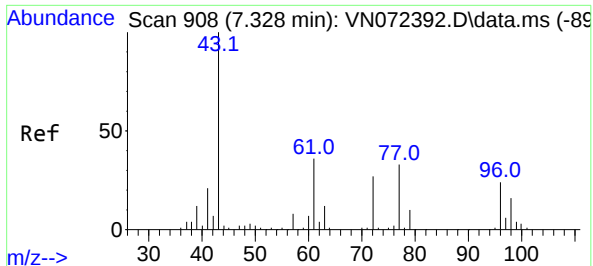
Tgt Ion: 76 Resp: 5991  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 0.207 ug/l  
RT: 4.875 min Scan# 491  
Delta R.T. 0.029 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 43 Resp: 913  
Ion Ratio Lower Upper  
43 100  
74 5.8 21.6 32.4#

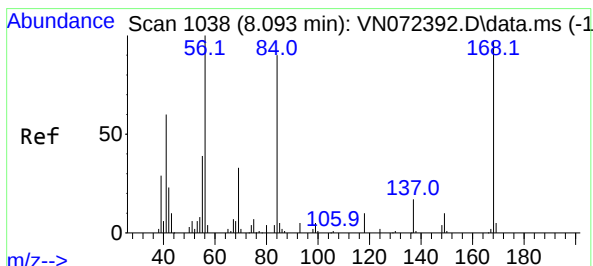
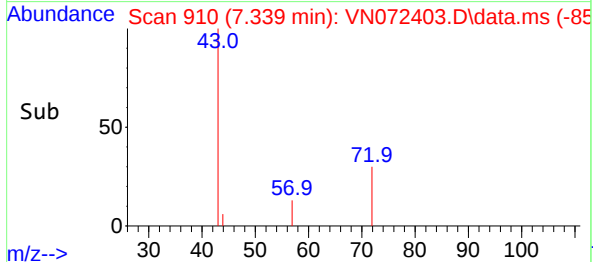
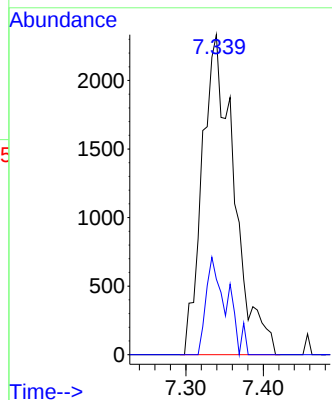
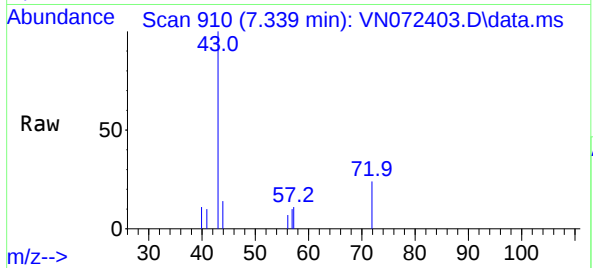




#25  
2-Butanone  
Concen: 2.812 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

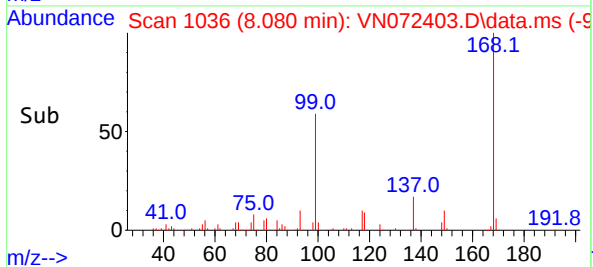
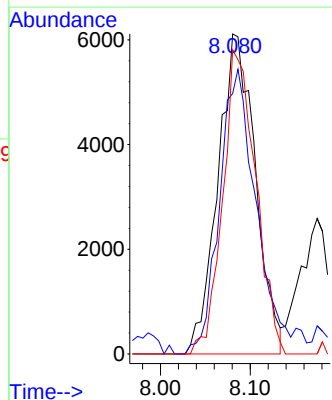
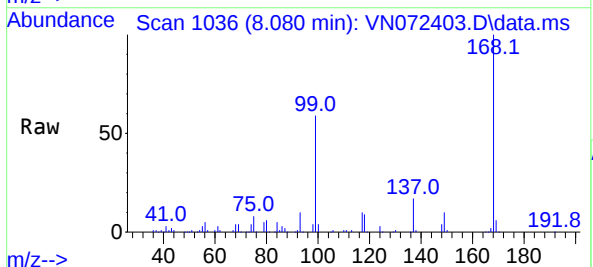
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

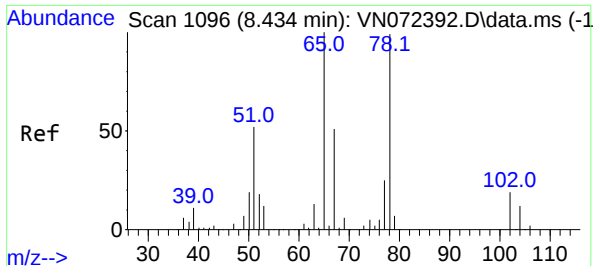
Tgt Ion: 43 Resp: 6654  
Ion Ratio Lower Upper  
43 100  
72 23.6 23.7 35.5#



#31  
Cyclohexane  
Concen: 3.532 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.013 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 56 Resp: 17716  
Ion Ratio Lower Upper  
56 100  
69 81.4 27.8 41.8#  
84 95.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.696 ug/l

RT: 8.433 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

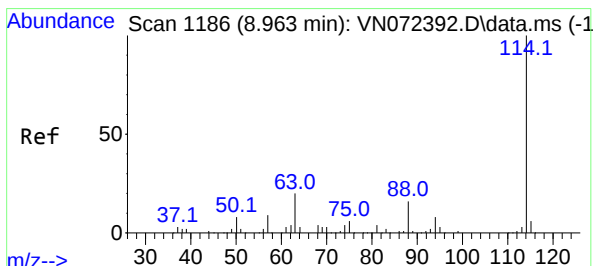
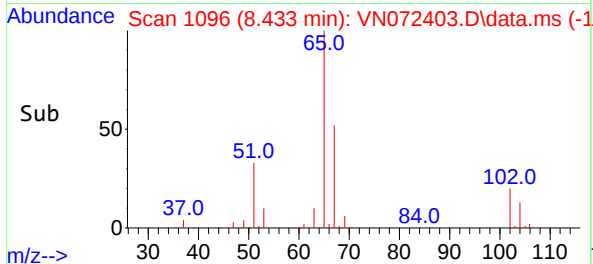
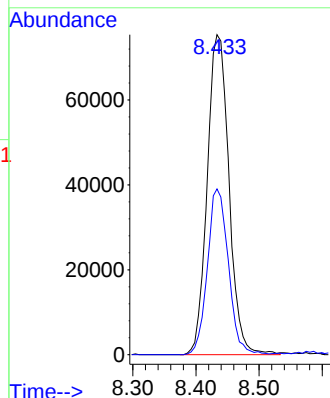
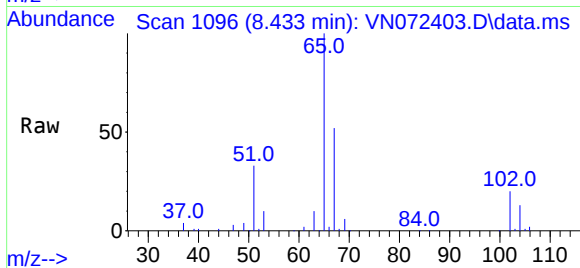
40828RE

Tgt Ion: 65 Resp: 180571

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

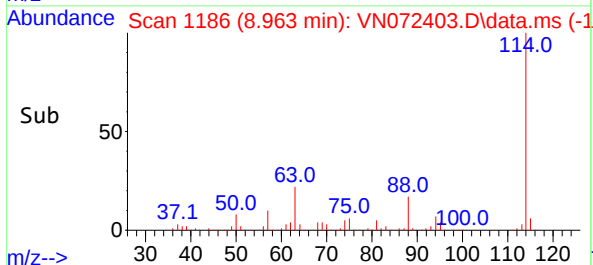
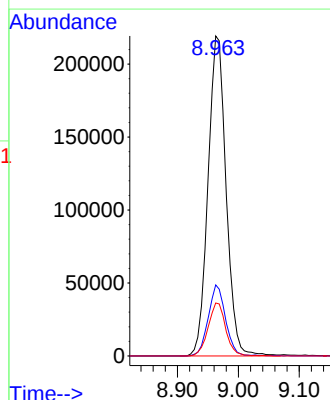
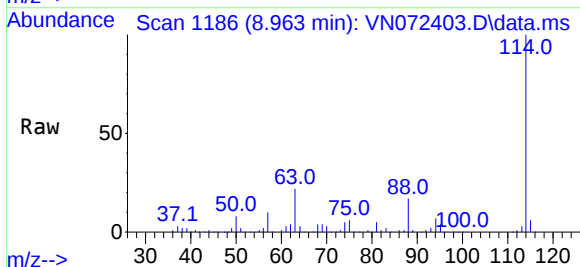
Tgt Ion: 114 Resp: 452827

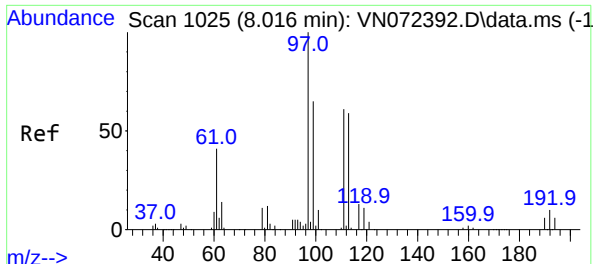
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.6 0.0 32.6

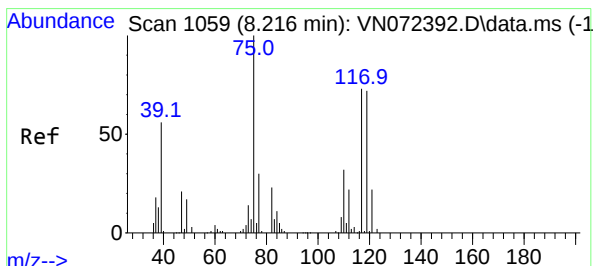
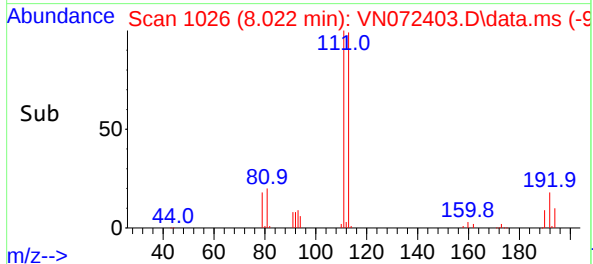
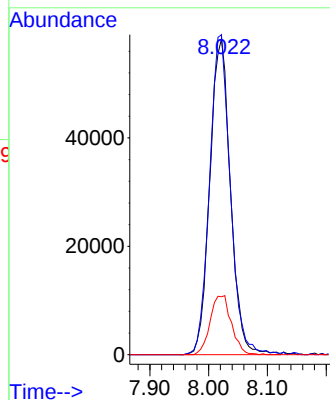
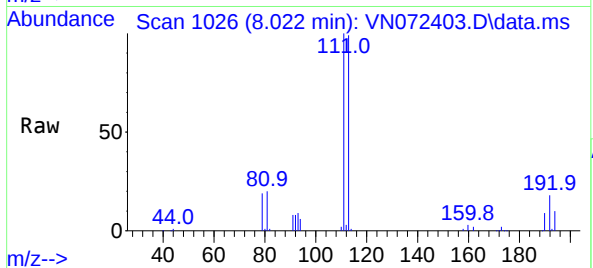




#35  
Dibromofluoromethane  
Concen: 47.083 ug/l  
RT: 8.022 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

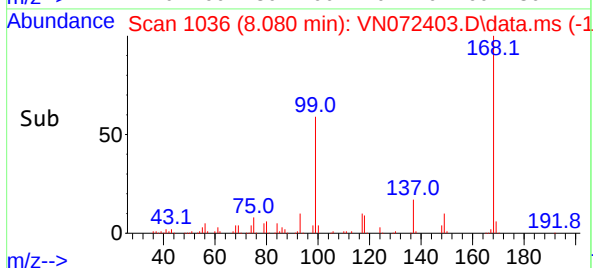
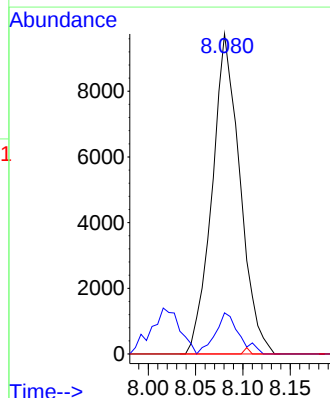
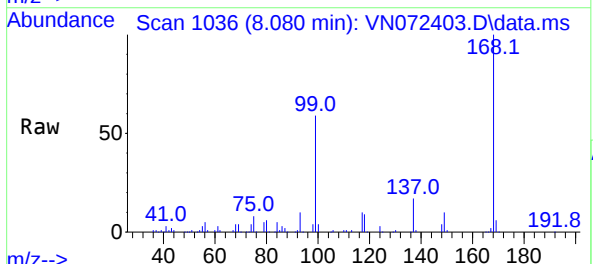
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

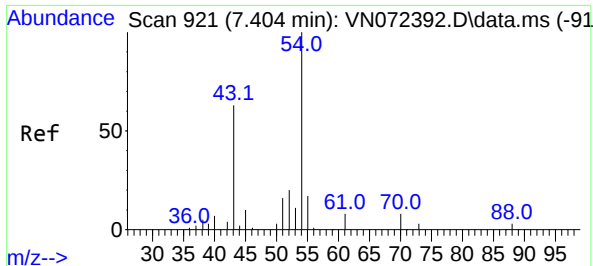
Tgt Ion:113 Resp: 141845  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.4 122.0  
192 19.2 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 4.608 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.136 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 75 Resp: 19937  
Ion Ratio Lower Upper  
75 100  
110 10.9 18.3 54.8#  
77 0.0 25.1 37.7#

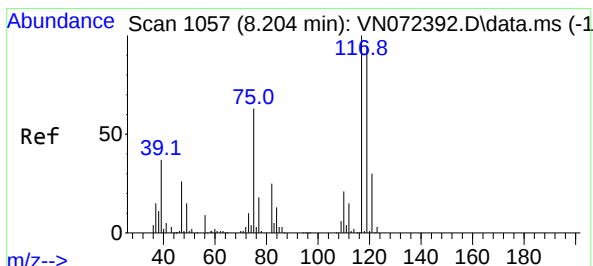
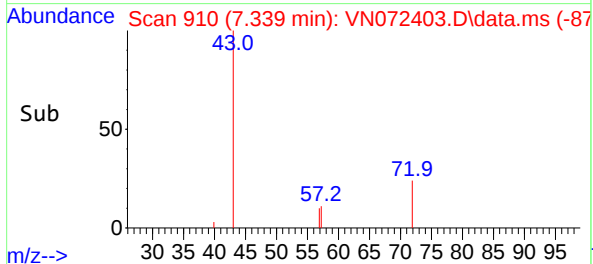
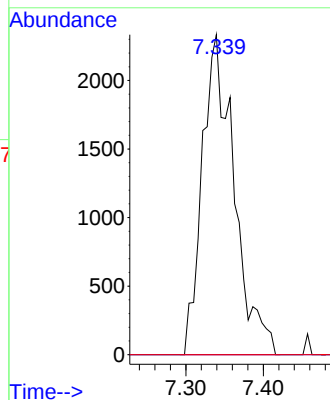
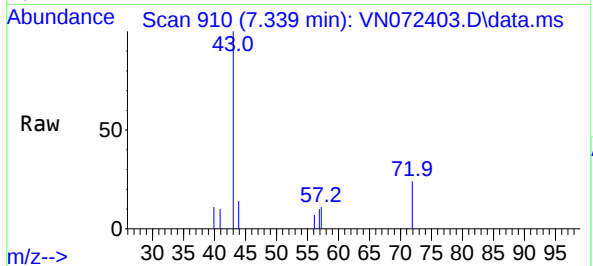




#37  
Ethyl Acetate  
Concen: 1.282 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. -0.065 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

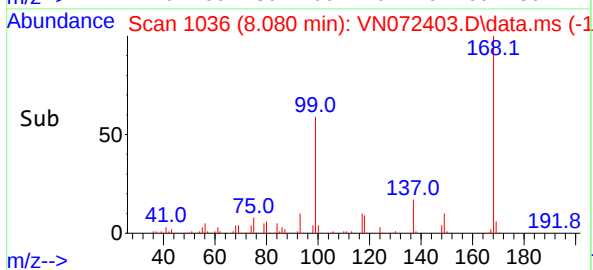
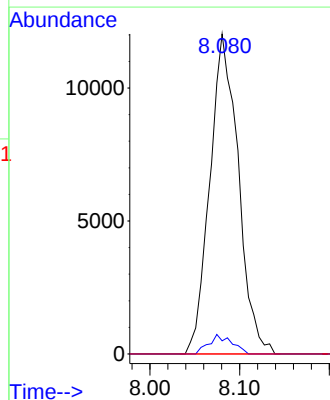
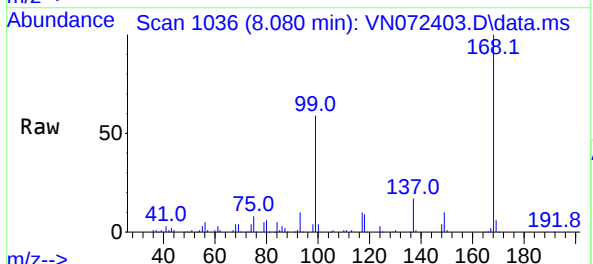
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

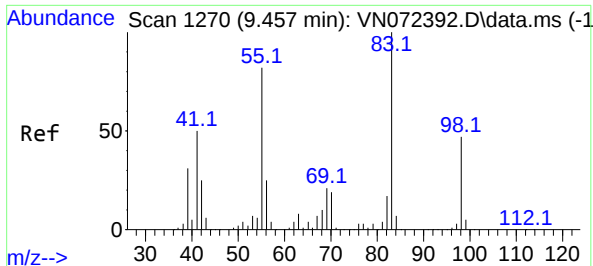
Tgt Ion: 43 Resp: 6654  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 5.476 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.124 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 117 Resp: 26517  
Ion Ratio Lower Upper  
117 100  
119 4.1 75.8 113.8#  
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 5.379 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

40828RE

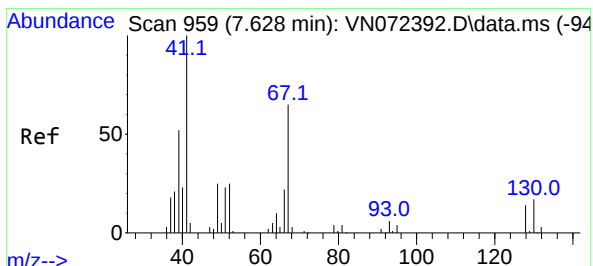
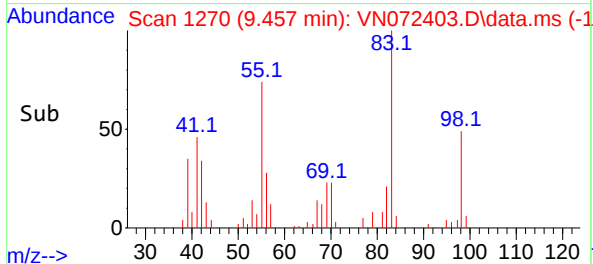
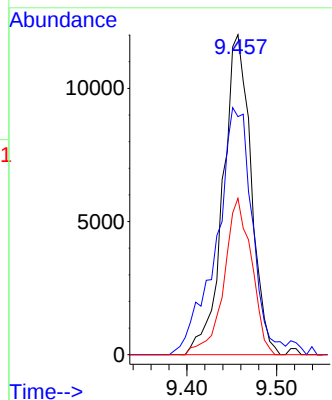
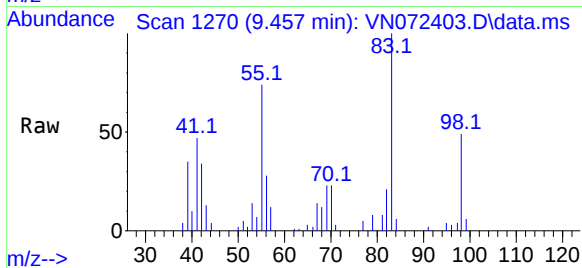
Tgt Ion: 83 Resp: 26159

Ion Ratio Lower Upper

83 100

55 71.9 57.8 86.8

98 48.9 39.4 59.2



#41

Methacrylonitrile

Concen: 0.294 ug/l

RT: 7.680 min Scan# 968

Delta R.T. 0.052 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Tgt Ion: 41 Resp: 755

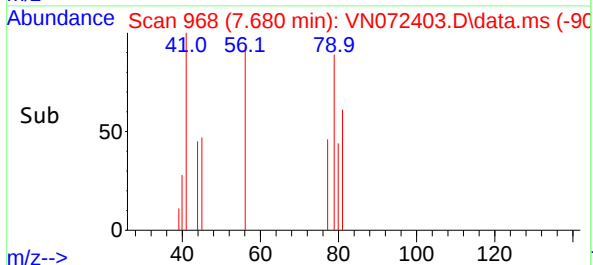
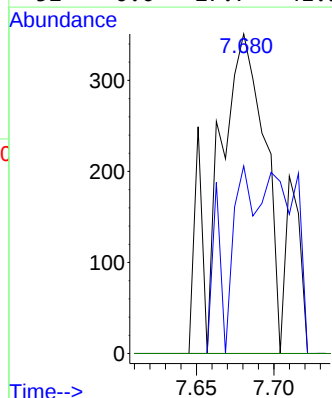
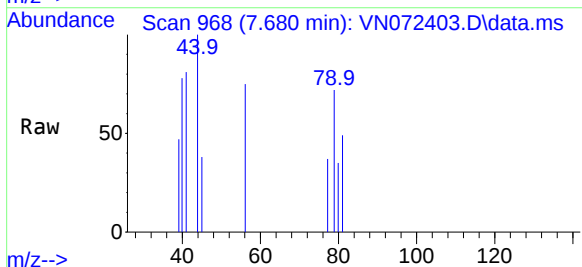
Ion Ratio Lower Upper

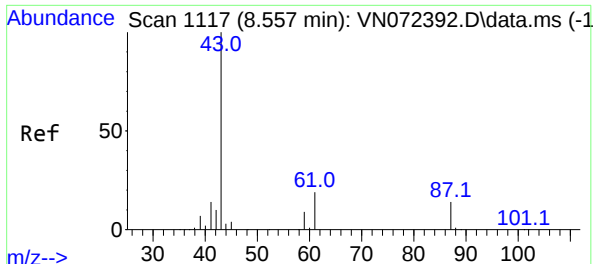
41 100

39 33.0 48.6 73.0#

67 0.0 73.4 110.2#

52 0.0 27.7 41.5#





#43

Isopropyl Acetate

Concen: 0.529 ug/l

RT: 8.545 min Scan# 1117

Delta R.T. -0.012 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

40828RE

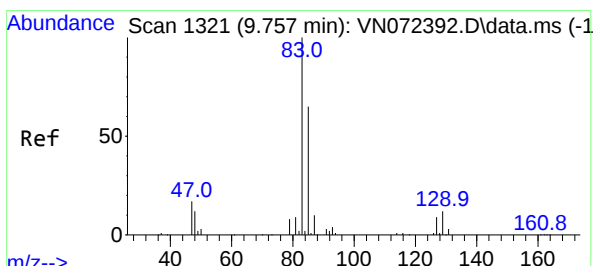
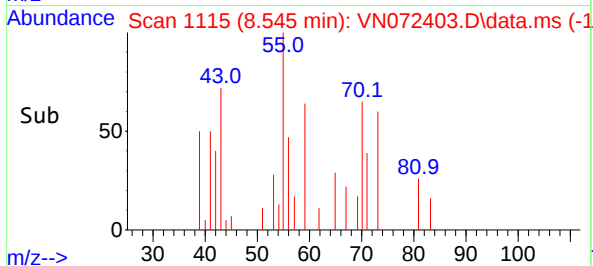
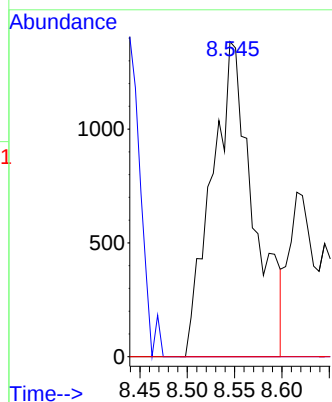
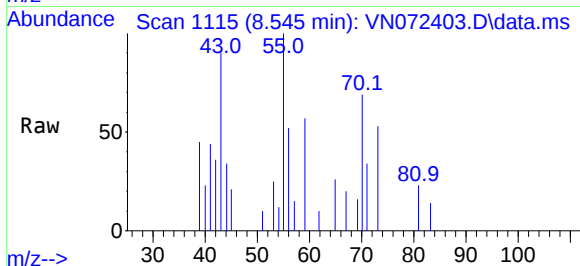
Tgt Ion: 43 Resp: 4217

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#47

Bromodichloromethane

Concen: 0.252 ug/l

RT: 9.739 min Scan# 1318

Delta R.T. -0.018 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

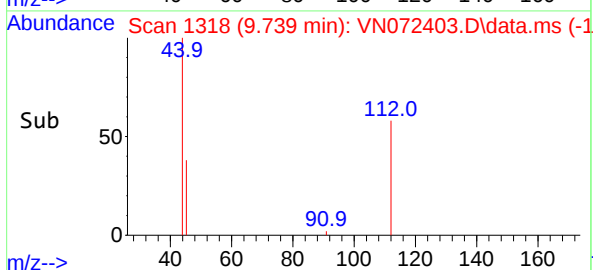
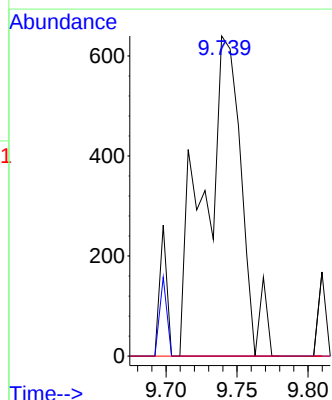
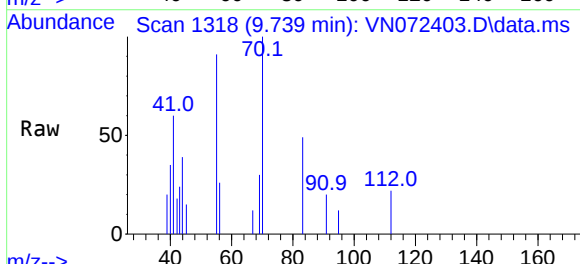
Tgt Ion: 83 Resp: 1180

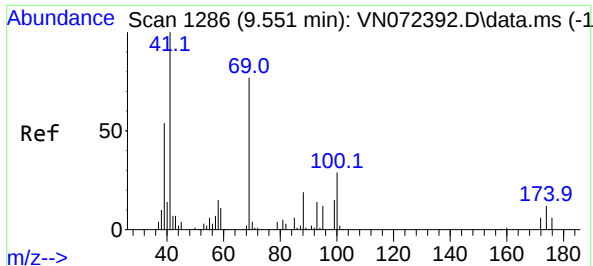
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 6.8 10.2#

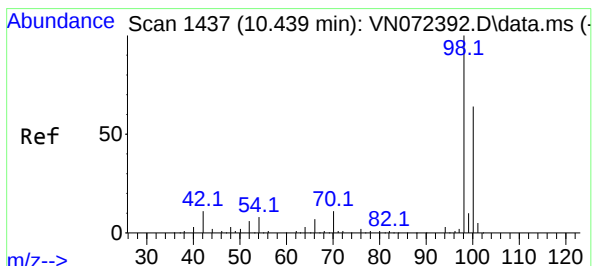
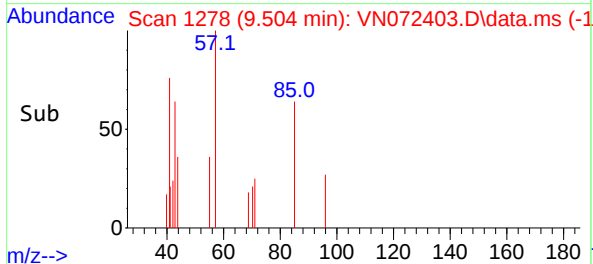
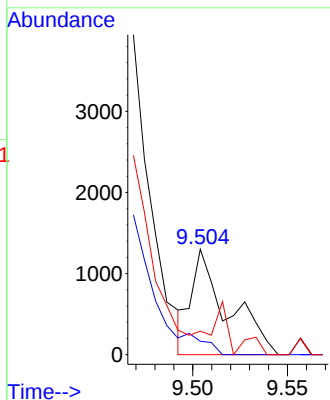
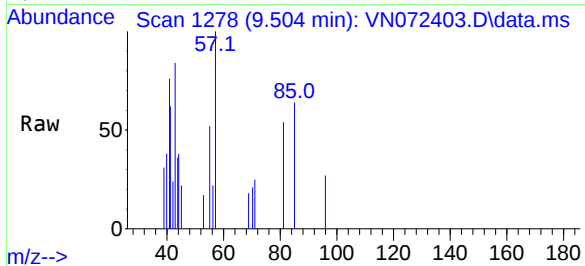




#48  
Methyl methacrylate  
Concen: 0.463 ug/l  
RT: 9.504 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

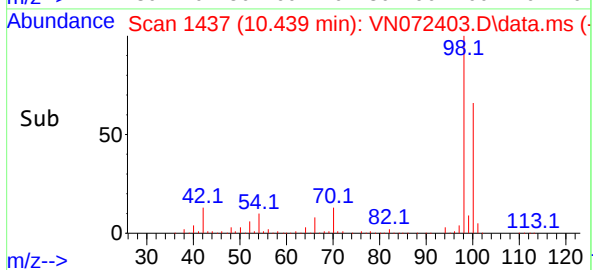
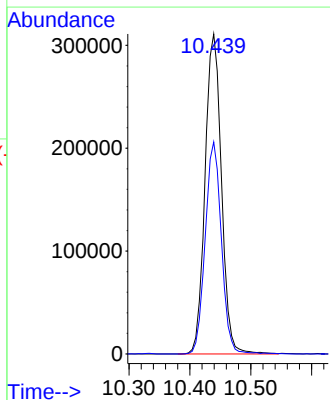
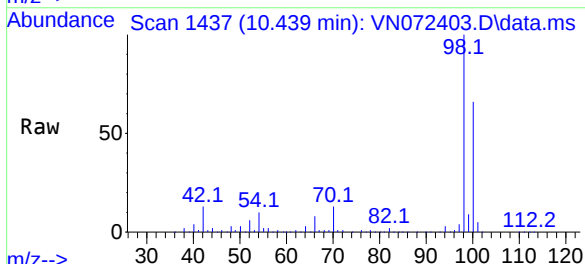
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

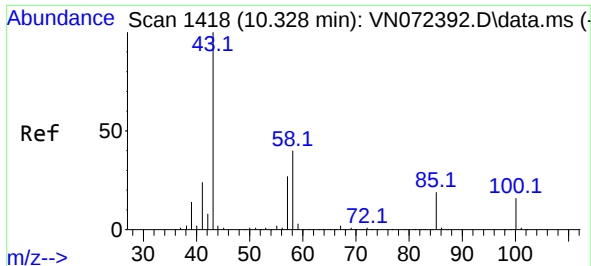
Tgt Ion: 41 Resp: 1723  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 32.5 45.6 68.4#



#50  
Toluene-d8  
Concen: 50.618 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 98 Resp: 580775  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.6 78.8

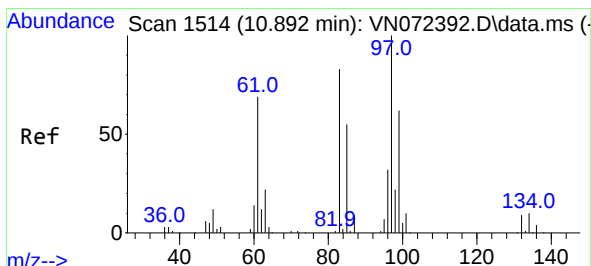
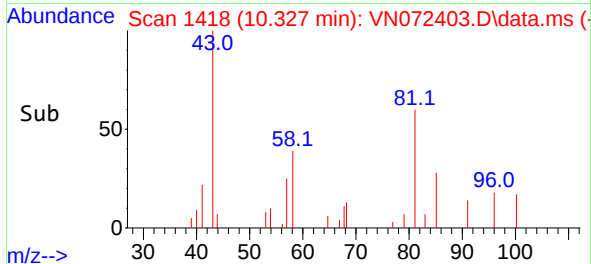
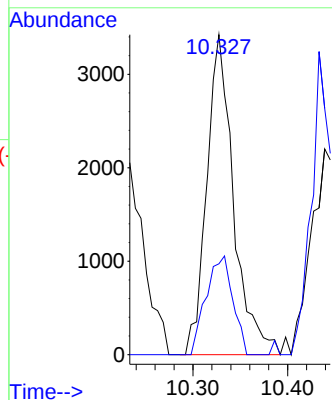
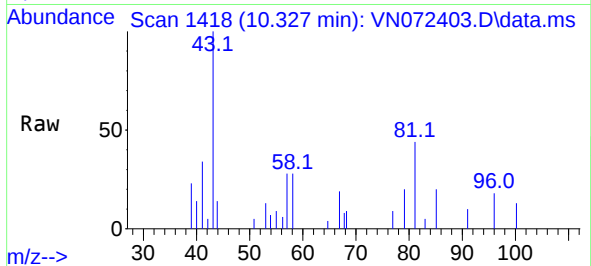




#51  
4-Methyl-2-Pentanone  
Concen: 1.362 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.001 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

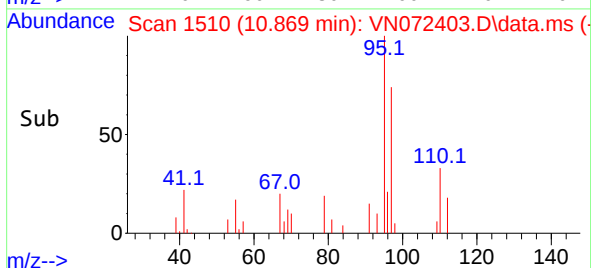
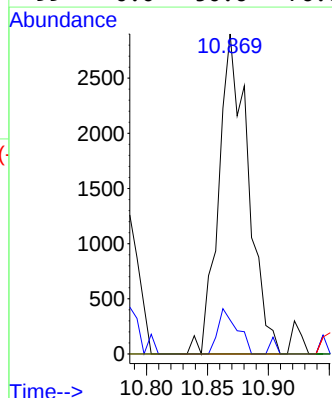
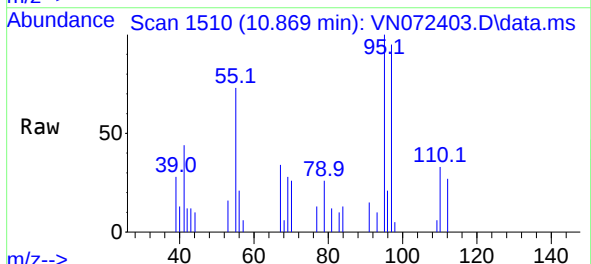
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

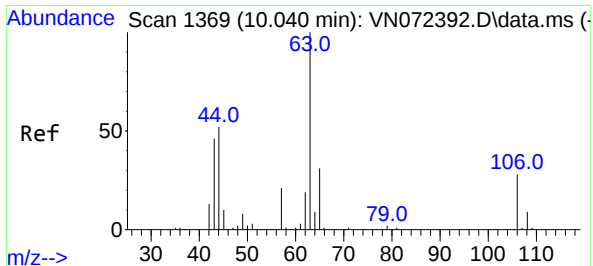
Tgt Ion: 43 Resp: 6744  
Ion Ratio Lower Upper  
43 100  
58 30.7 34.1 51.1#



#55  
1,1,2-Trichloroethane  
Concen: 1.480 ug/l  
RT: 10.869 min Scan# 1510  
Delta R.T. -0.023 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 97 Resp: 4915  
Ion Ratio Lower Upper  
97 100  
83 10.6 66.2 99.4#  
85 0.0 43.9 65.9#  
99 0.0 50.6 76.0#

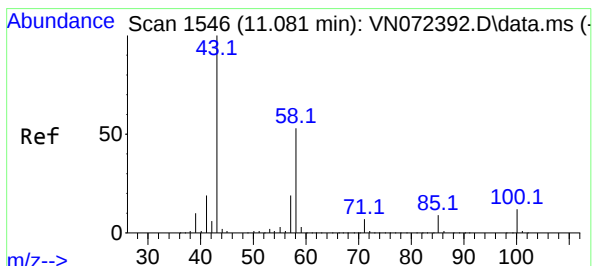
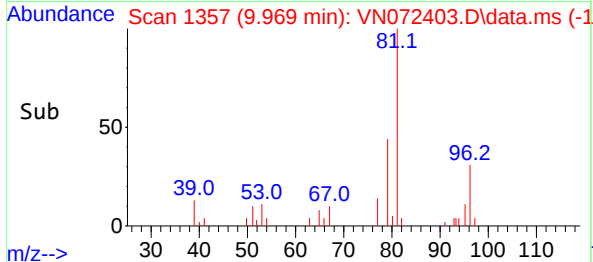
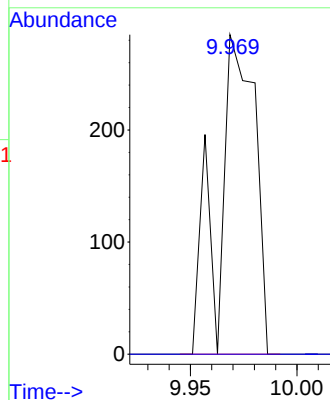
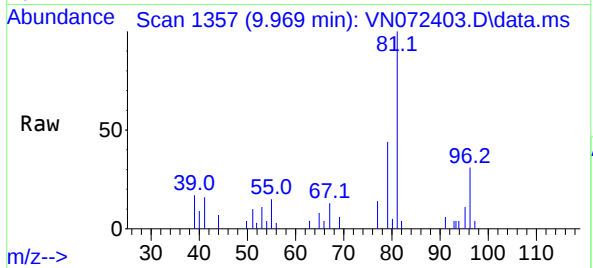




#58  
2-Chloroethyl Vinyl ether  
Concen: 17.588 ug/l  
RT: 9.969 min Scan# 11  
Delta R.T. -0.071 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

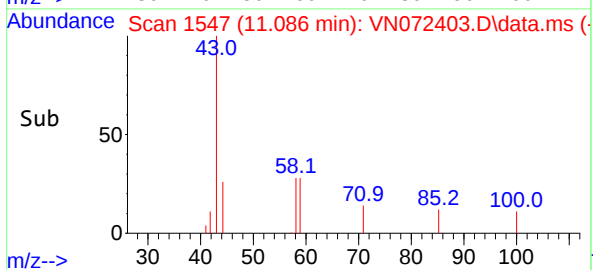
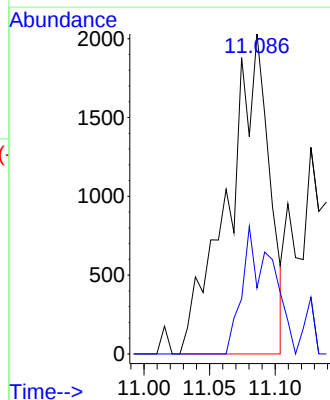
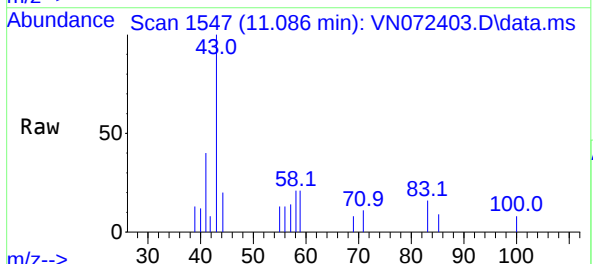
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

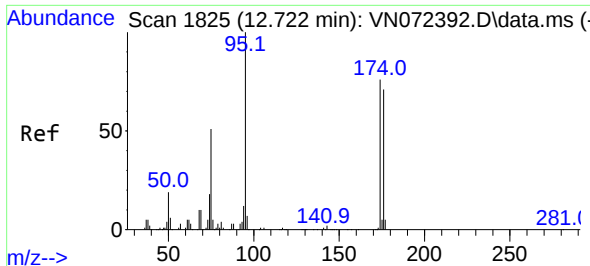
Tgt Ion: 63 Resp: 341  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.6 36.8#



#59  
2-Hexanone  
Concen: 1.282 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.005 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 43 Resp: 4450  
Ion Ratio Lower Upper  
43 100  
58 28.9 29.7 89.1#

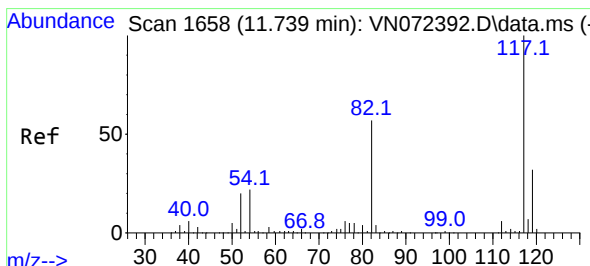
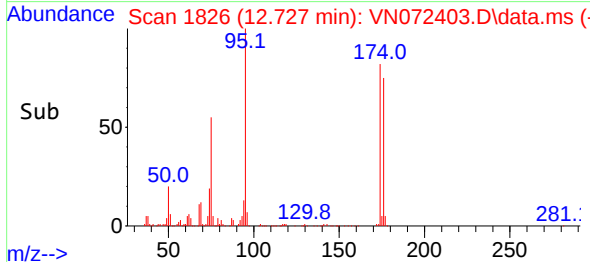
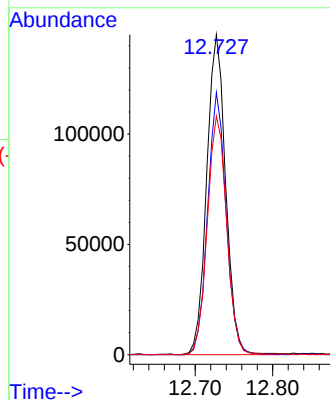
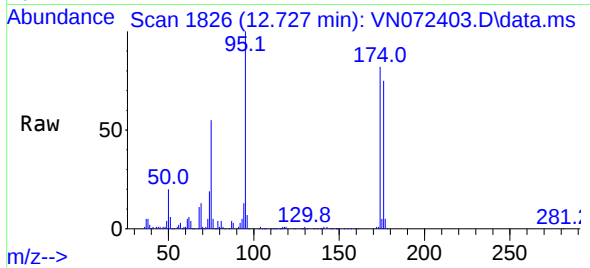




#62  
4-Bromofluorobenzene  
Concen: 64.740 ug/l  
RT: 12.727 min Scan# 1825  
Delta R.T. 0.005 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

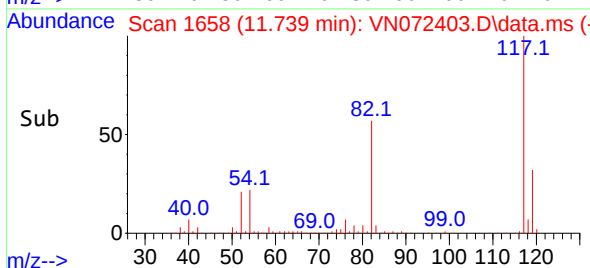
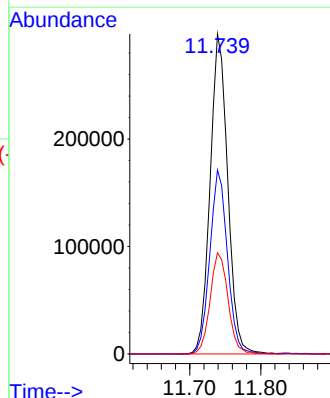
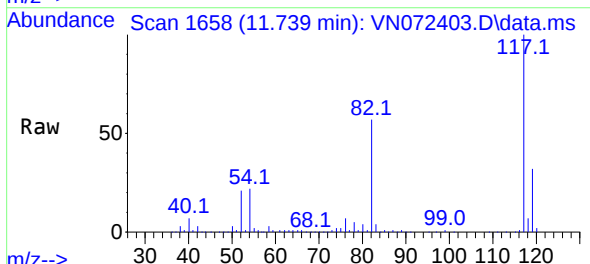
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

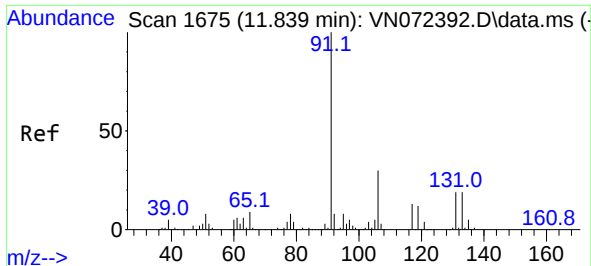
Tgt Ion: 95 Resp: 246689  
Ion Ratio Lower Upper  
95 100  
174 79.8 0.0 167.6  
176 75.7 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 117 Resp: 513080  
Ion Ratio Lower Upper  
117 100  
82 57.5 44.2 66.2  
119 31.6 25.4 38.0

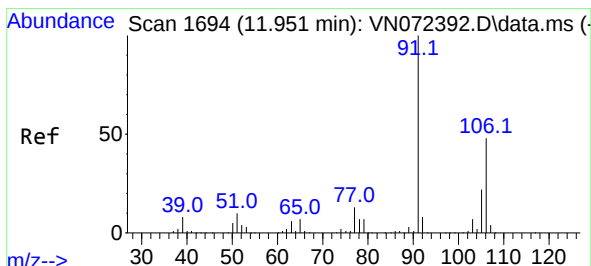
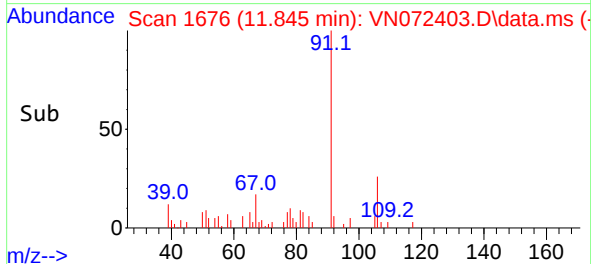
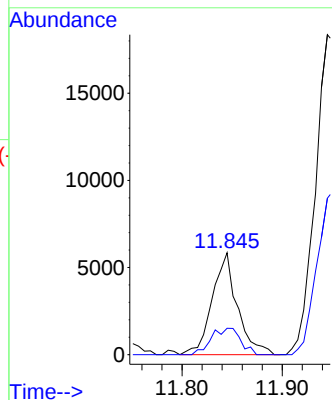
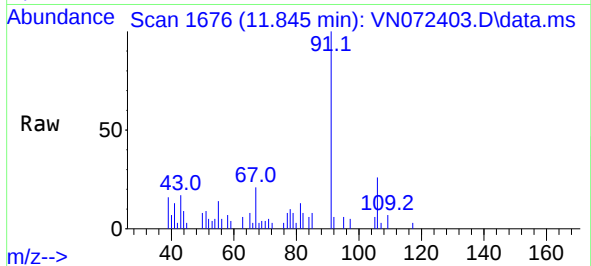




#67  
Ethyl Benzene  
Concen: 0.564 ug/l  
RT: 11.845 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

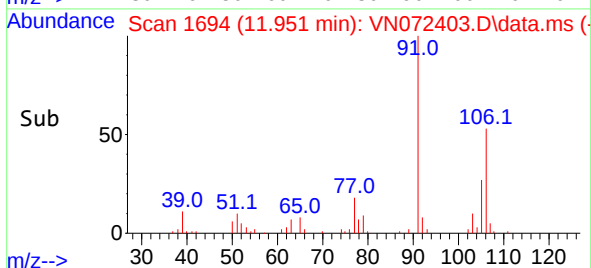
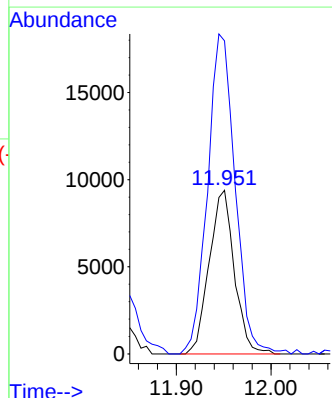
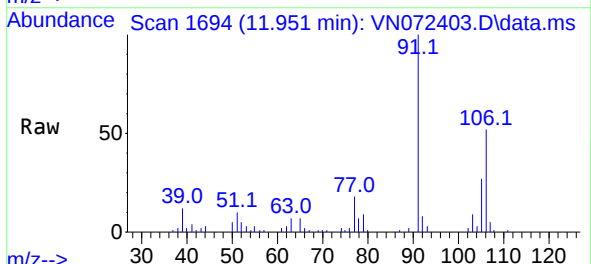
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

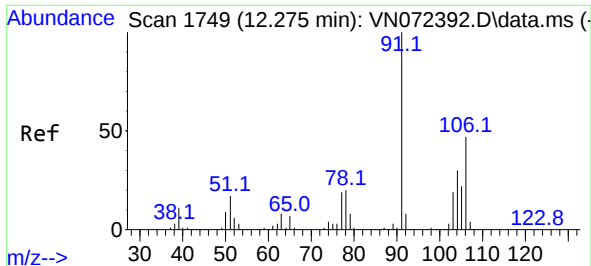
Tgt Ion: 91 Resp: 10195  
Ion Ratio Lower Upper  
91 100  
106 25.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 2.524 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 106 Resp: 17315  
Ion Ratio Lower Upper  
106 100  
91 213.8 158.9 238.3





#69

o-Xylene

Concen: 0.382 ug/l

RT: 12.280 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

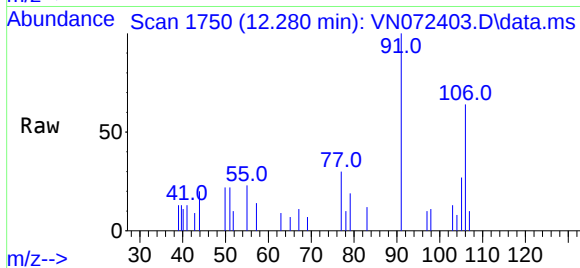
40828RE

Tgt Ion:106 Resp: 2574

Ion Ratio Lower Upper

106 100

91 218.5 106.0 318.0



Abundance

2500

2000

1500

1000

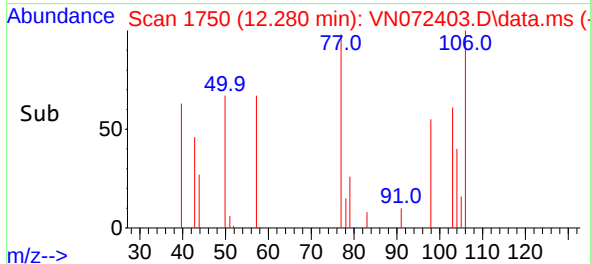
500

0

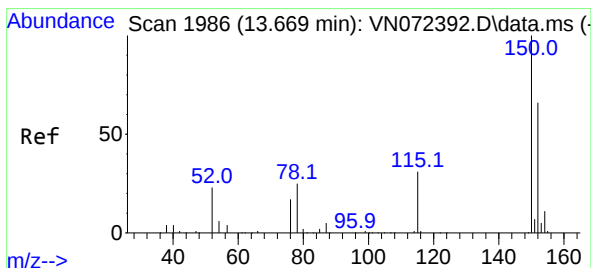
Time-->

12.25

12.30



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072403.D

Acq: 10 May 2022 19:51

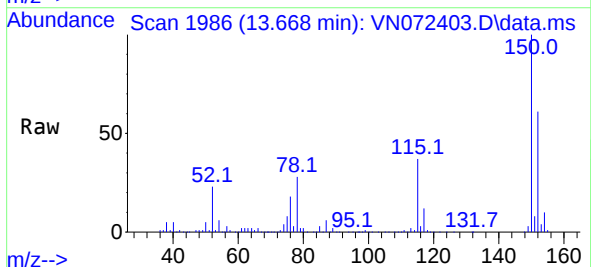
Tgt Ion:152 Resp: 225856

Ion Ratio Lower Upper

152 100

115 62.5 28.9 86.7

150 158.3 0.0 356.2



Abundance

200000

150000

100000

50000

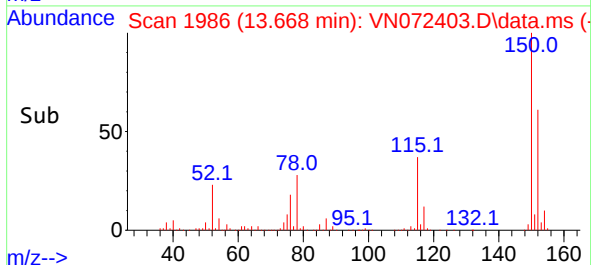
0

Time-->

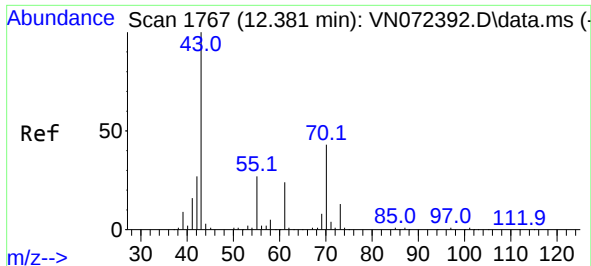
13.60

13.70

13.80



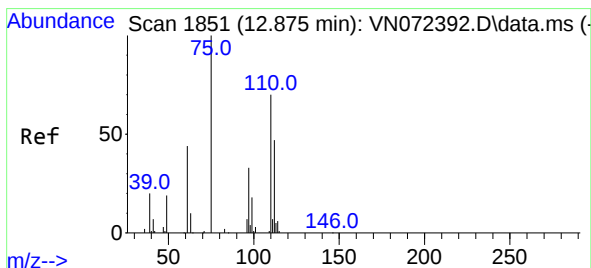
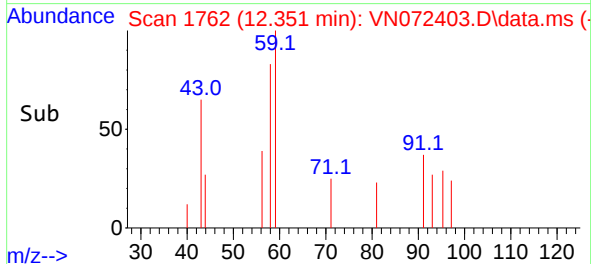
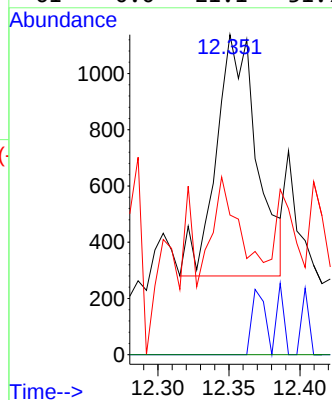
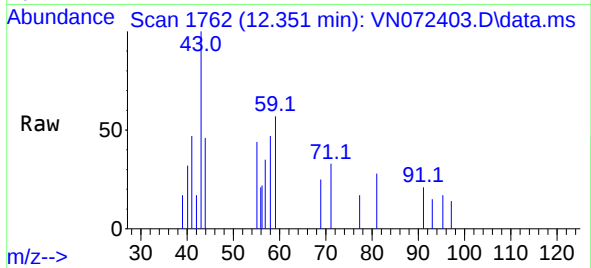
Time-->



#74  
N-amy1 acetate  
Concen: 0.260 ug/l  
RT: 12.351 min Scan# 1762  
Delta R.T. -0.030 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

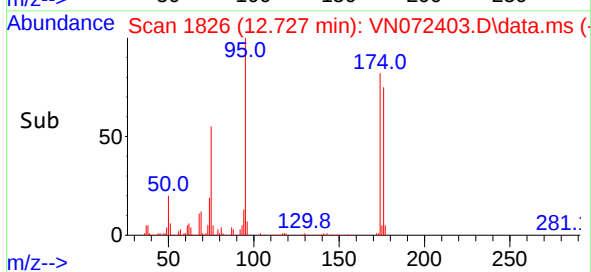
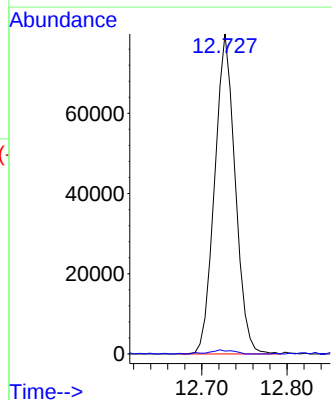
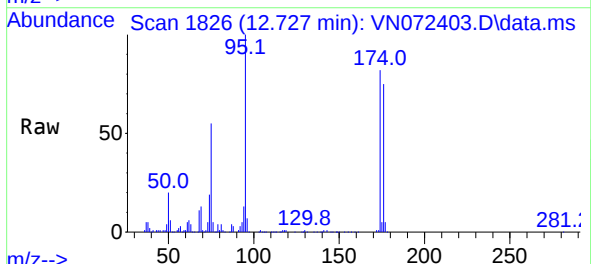
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

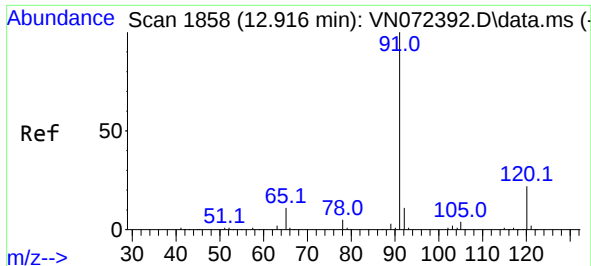
Tgt Ion: 43 Resp: 1718  
Ion Ratio Lower Upper  
43 100  
70 0.0 39.0 58.4#  
55 17.1 21.1 31.7#  
61 0.0 21.1 31.7#



#76  
1,2,3-Trichloropropane  
Concen: 22.664 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.148 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 75 Resp: 133506  
Ion Ratio Lower Upper  
75 100  
77 1.4 98.5 295.5#

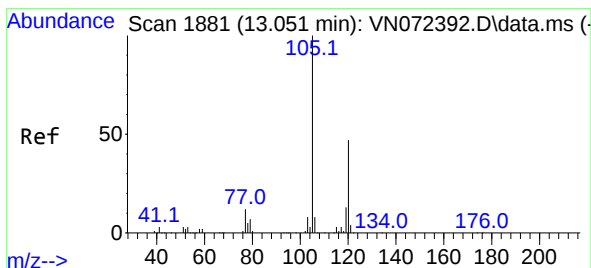
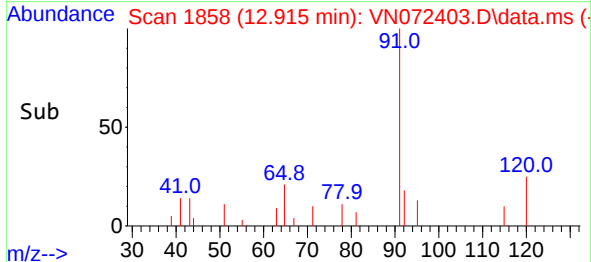
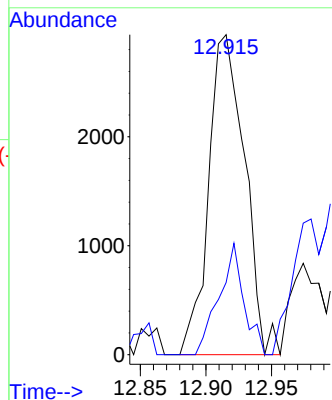
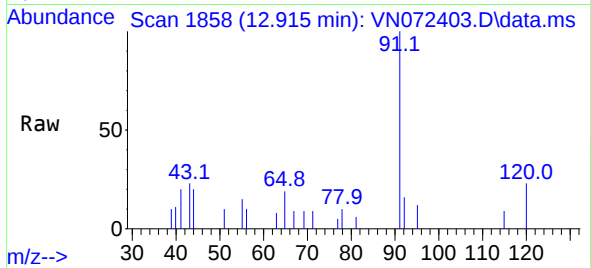




#78  
n-propylbenzene  
Concen: 0.281 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

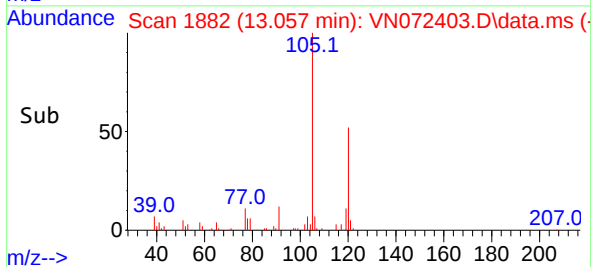
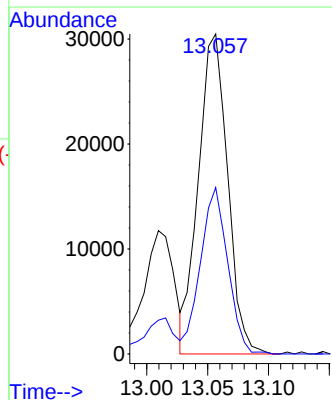
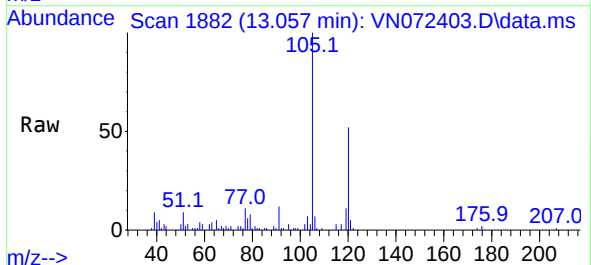
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

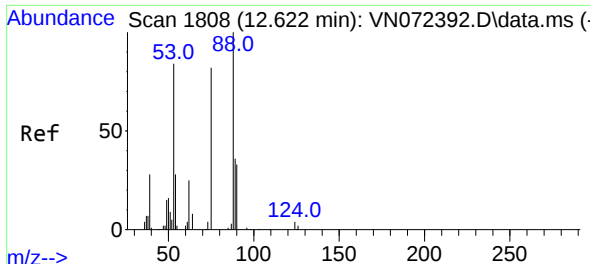
Tgt Ion: 91 Resp: 5619  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5



#80  
1,3,5-Trimethylbenzene  
Concen: 3.321 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 105 Resp: 50891  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.9 74.7

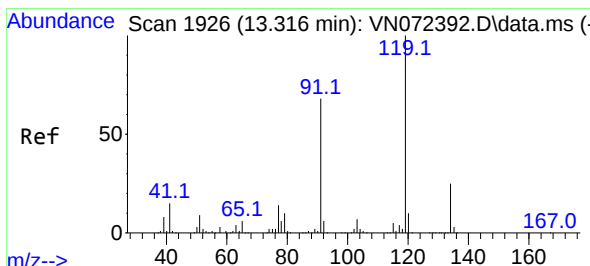
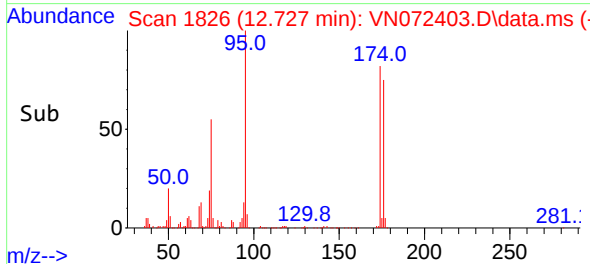
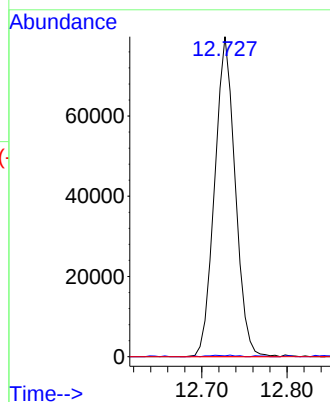
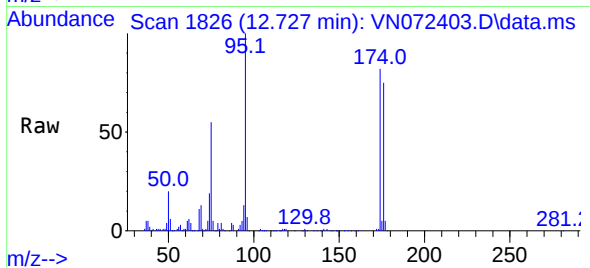




#81  
trans-1,4-Dichloro-2-butene  
Concen: 75.606 ug/l  
RT: 12.727 min Scan# 11  
Delta R.T. 0.105 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

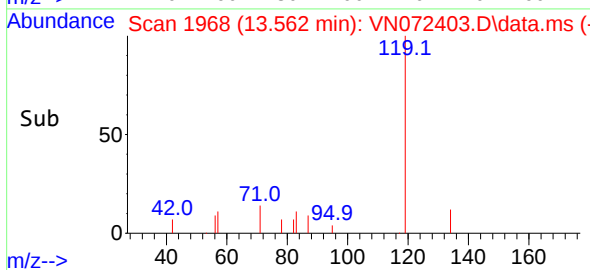
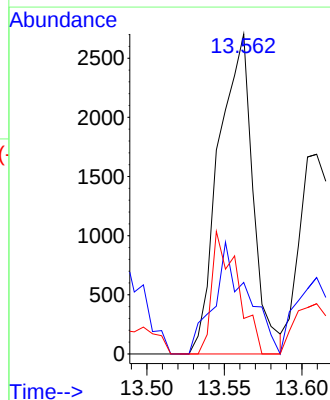
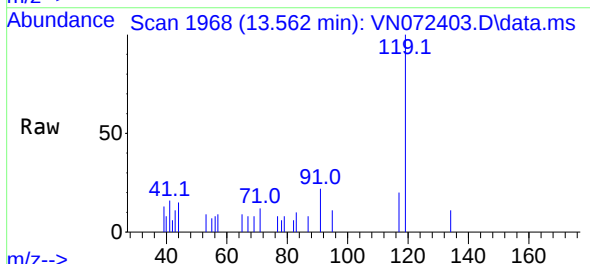
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

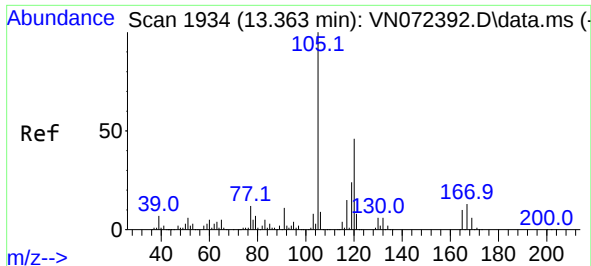
Tgt Ion: 75 Resp: 133506  
Ion Ratio Lower Upper  
75 100  
53 0.4 78.0 117.0#  
89 0.0 37.2 55.8#



#83  
tert-Butylbenzene  
Concen: 0.310 ug/l  
RT: 13.562 min Scan# 1968  
Delta R.T. 0.246 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion: 119 Resp: 4156  
Ion Ratio Lower Upper  
119 100  
91 34.3 31.6 94.8  
134 28.7 13.7 41.1

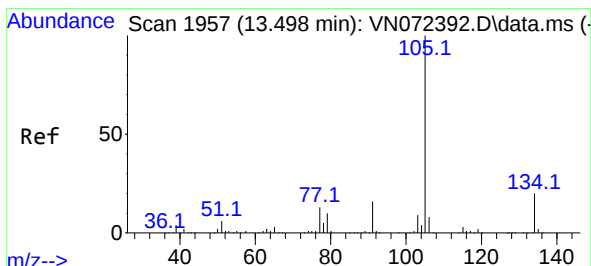
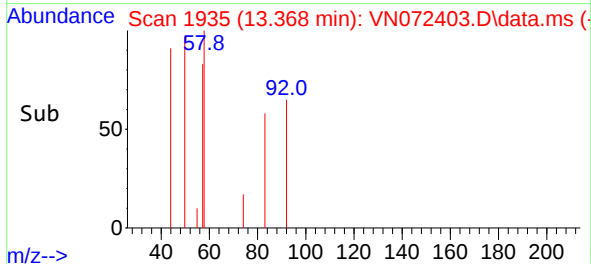
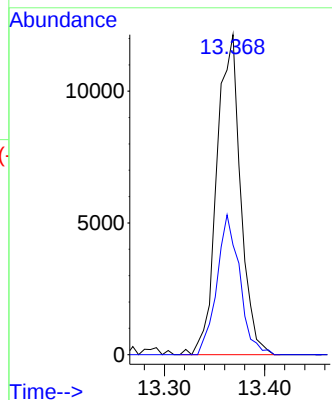
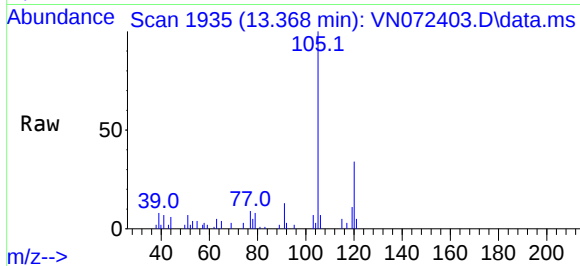




#84  
1,2,4-Trimethylbenzene  
Concen: 1.340 ug/l  
RT: 13.368 min Scan# 1935  
Delta R.T. 0.005 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

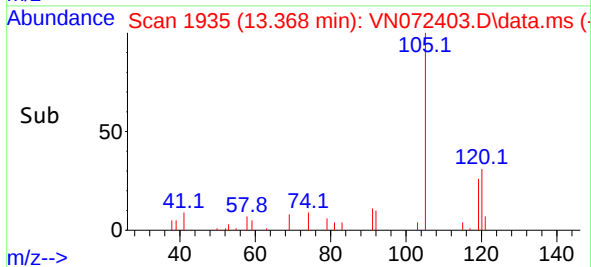
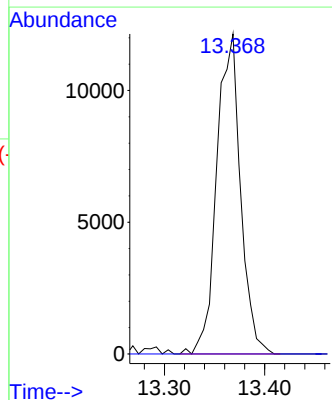
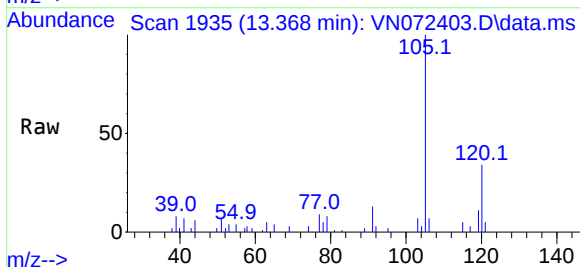
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

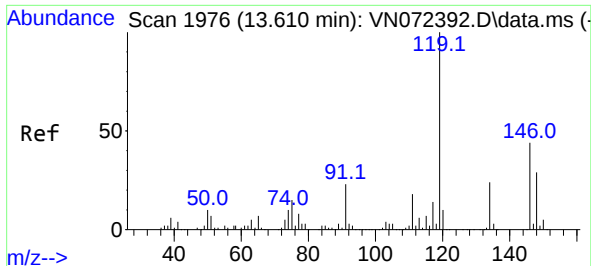
Tgt Ion:105 Resp: 19968  
Ion Ratio Lower Upper  
105 100  
120 42.1 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 1.116 ug/l  
RT: 13.368 min Scan# 1935  
Delta R.T. -0.130 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion:105 Resp: 19968  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.4 31.1#

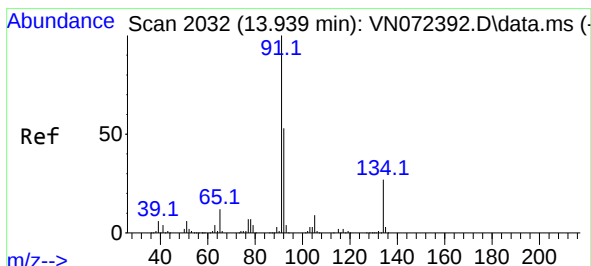
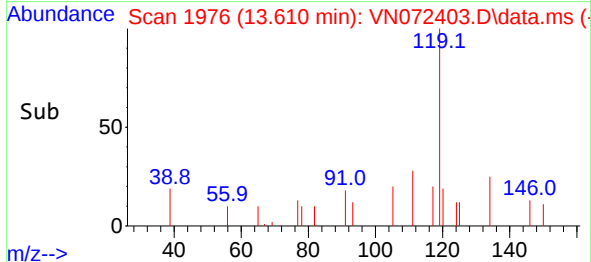
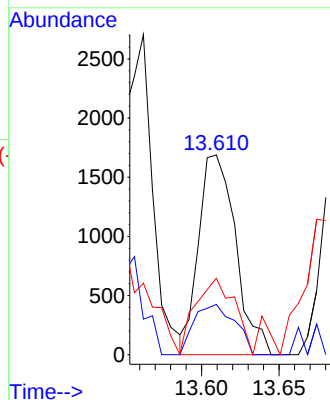
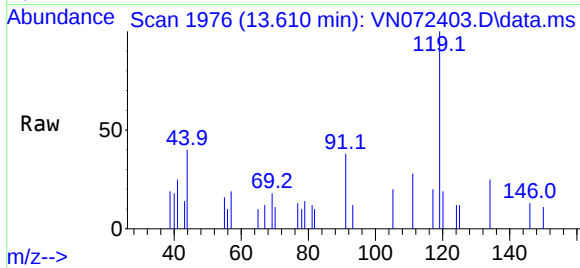




#86  
p-Isopropyltoluene  
Concen: 0.202 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

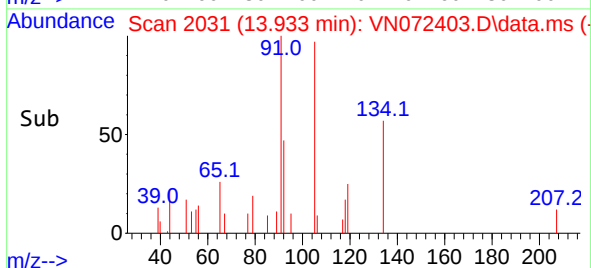
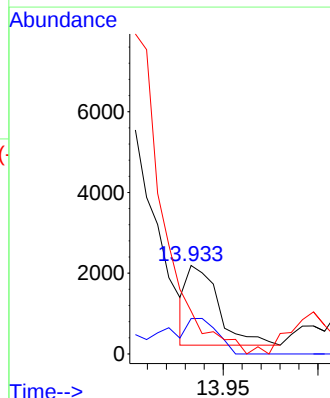
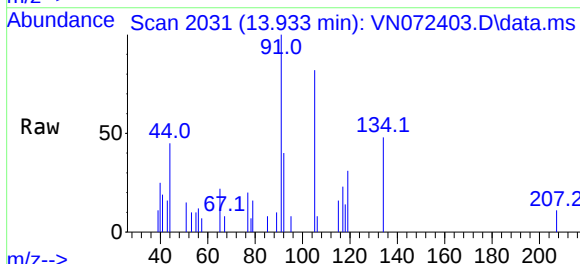
Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

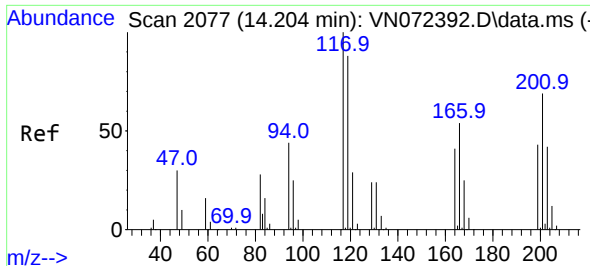
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 2810  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 27.6  | 13.3  | 39.8  |
| 91       | 40.4  | 11.3  | 33.9# |



#89  
n-Butylbenzene  
Concen: 0.215 ug/l  
RT: 13.933 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 2293  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 66.3  | 26.9  | 80.7  |
| 134      | 0.0   | 13.6  | 40.8# |

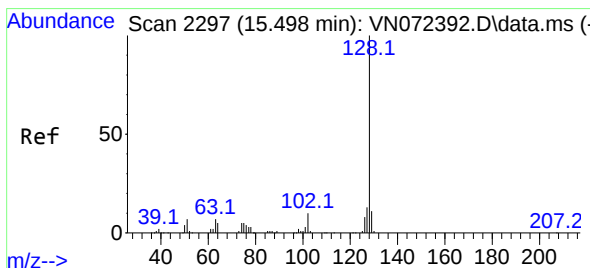
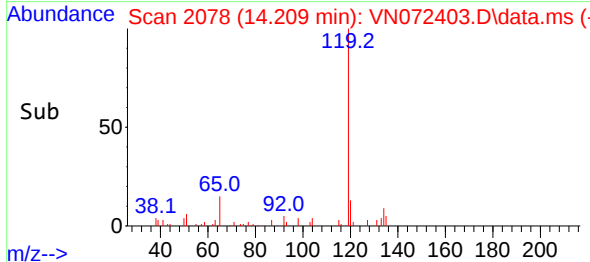
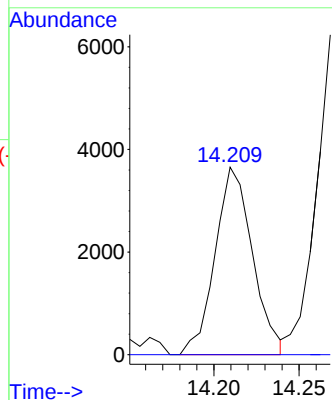
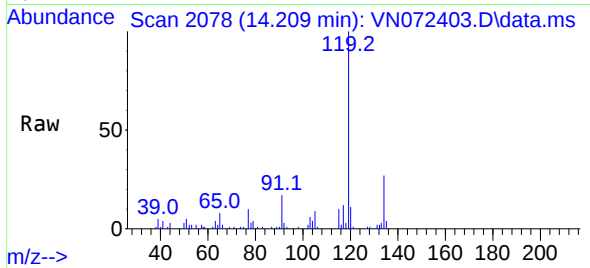




#90  
Hexachloroethane  
Concen: 2.008 ug/l  
RT: 14.209 min Scan# 2077  
Delta R.T. 0.005 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

Tgt Ion:117 Resp: 5593  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#95  
Naphthalene  
Concen: 5.165 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN072403.D  
Acq: 10 May 2022 19:51

Tgt Ion:128 Resp: 22916  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.3 15.5  
129 13.6 8.6 13.0#

